Testing Laboratory
1190

FCC RADIO TEST REPORT

FCC ID	:	2AXJ4P9V2
Equipment	:	AC1200+AV1000 Whole Home Powerline Mesh Wi-Fi System
Brand Name	:	tp-link
Model Name	:	Deco P9
Applicant	:	TP-Link Corporation Limited Room 901, 9/F. , New East Ocean Centre, 9 Science Museum Road, Tsim Sha Tsui, Kowloon, Hong Kong
Manufacturer	:	TP-Link Corporation Limited Room 901, 9/F. , New East Ocean Centre, 9 Science Museum Road, Tsim Sha Tsui, Kowloon, Hong Kong
Standard	:	47 CFR FCC Part 15.247

The product was received on Sep. 08, 2020, and testing was started from Sep. 18, 2020 and completed on Dec. 10, 2020. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Approved by: Sam Chen

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory
No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)

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History of this test report

Report No.	Version	Description	Issued Date
FR961308-02AA	01	Initial issue of report	Jan. 04, 2021

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:
The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Sam Chen
Report Producer: Viola Huang

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	2
2.4-2.4835GHz	802.11g	20	2
2.4-2.4835GHz	802.11n HT20	20	2
2.4-2.4835GHz	802.11n HT40	40	2

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.	2.4GHz Port	5GHz Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)	
							2.4GHz	5GHz
1	1	2	TP-LINK	N/A	Monopole Antenna	N/A	1.5	0.94
2	2	1	TP-LINK	N/A	Monopole Antenna	N/A	1.5	0.98

Note: The above information was declared by manufacturer.

<For 2.4GHz Band>

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

Port 1 and Port 2 can be used as transmitting/receiving antenna.

Port 1 and Port 2 could transmit/receive simultaneously.

<For 5GHz Band>

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

Port 1 and Port 2 can be used as transmitting/receiving antenna.

Port 1 and Port 2 could transmit/receive simultaneously.

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g	0.976	0.11	2.027m	1k
802.11n HT20	0.976	0.11	1.89m	1k
802.11n HT40	0.964	0.16	930u	3k

Note:
- DC is Duty Cycle.
- DCF is Duty Cycle Factor.

1.1.4 EUT Operational Condition

EUT Power Type	Internal power supply			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for 11n/11ac in 5GHz.			
Function	☒	Point-to-multipoint	☐	Point-to-point
Test Software Version	QPCT_V3.0.187.0			

Note: The above information was declared by manufacturer.

1.1.5 EUT Support Function

The EUT supports AP, Router, Mesh Function. After evaluation, only Router mode has been tested and recorded in the test report.

1.2 Applicable 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.

- FCC KDB 558074 D01 v05r02
- FCC KDB 662911 D01 v02r01
- FCC 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
☒	JHUBEI	ADD :	No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302, Taiwan (R.O.C.)
		TEL :	886-3-656-9065 FAX : 886-3-656-9085

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH03-CB	Jeff Wu	20.4~22°C / 28~29%	Dec. 08, 2020
Radiated (For Below 1GHz)	03CH03-CB	KJ Chang	23.5~24.1°C / 56~58%	Sep. 24, 2020~Dec. 10, 2020
Radiated (For Above 1GHz)	03CH03-CB	KJ Chang	24~25.1°C / 53~57%	Sep. 24, 2020~Dec. 10, 2020
Radiated (For co-location)	03CH03-CB	KJ Chang	23.5~24.1°C / 56~58%	Sep. 24, 2020~Dec. 10, 2020
AC Conduction	CO02-CB	GN Hou	22~23°C / 58~60%	Sep. 18, 2020

Test site Designation No. TW0006 with FCC.
Test site registered number IC 4086D with Industry Canada.

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)	2.0 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	3.8 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.6 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	5.0 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.9 dB	Confidence levels of 95%
Conducted Emission	2.8 dB	Confidence levels of 95%
Output Power Measurement	1.4 dB	Confidence levels of 95%
Power Density Measurement	2.8 dB	Confidence levels of 95%
Bandwidth Measurement	0.4%	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	23
2417MHz	24
2437MHz	24
2457MHz	23.5
2462MHz	23
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	18
2417MHz	18.5
2437MHz	26.5
2457MHz	19.5
2462MHz	18
802.11n HT20_Nss1,(MCS0)_2TX	-
2412MHz	18
2417MHz	19.5
2437MHz	26
2457MHz	19.5
2462MHz	18
802.11n HT40_Nss1,(MCS0)_2TX	-
2422MHz	16
2427MHz	17.5
2437MHz	20.5
2447MHz	19
2452MHz	17

2.2 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	Normal Link
1	EUT PLC is Idle mode (without data transmit)

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	EUT_2.4GHz
2	EUT_5GHz
For operating mode 2 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
1	EUT_2.4GHz

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Normal Link
1	WLAN 2.4GHz + WLAN 5GHz
Refer to Appendix G for Radiated Emission Co-location.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz + WLAN 5GHz
Refer to Sporton Test Report No.: FA961308-02 for Co-location RF Exposure Evaluation.	

Note: The EUT can only use Y axis position.

2.3 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

For Normal Link:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories
Power cable, non-shielded, 1.5m

2.5 Support Equipment

For AC Conduction:

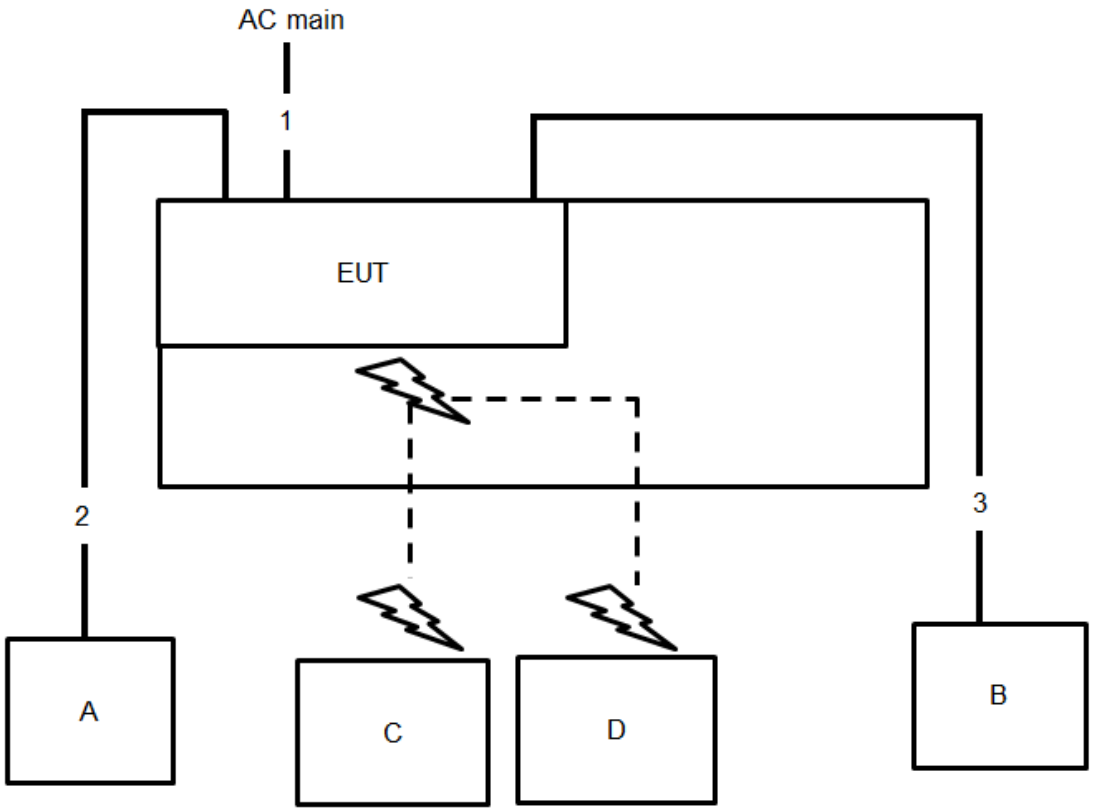
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	LAN NB	DELL	E6430	N/A
B	AP Router	ASUS	RP-N53	MSQ-RPN53
C	2.4G NB	DELL	E6430	N/A
D	5G NB	DELL	E6430	N/A

For Radiated and RF Conducted:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A

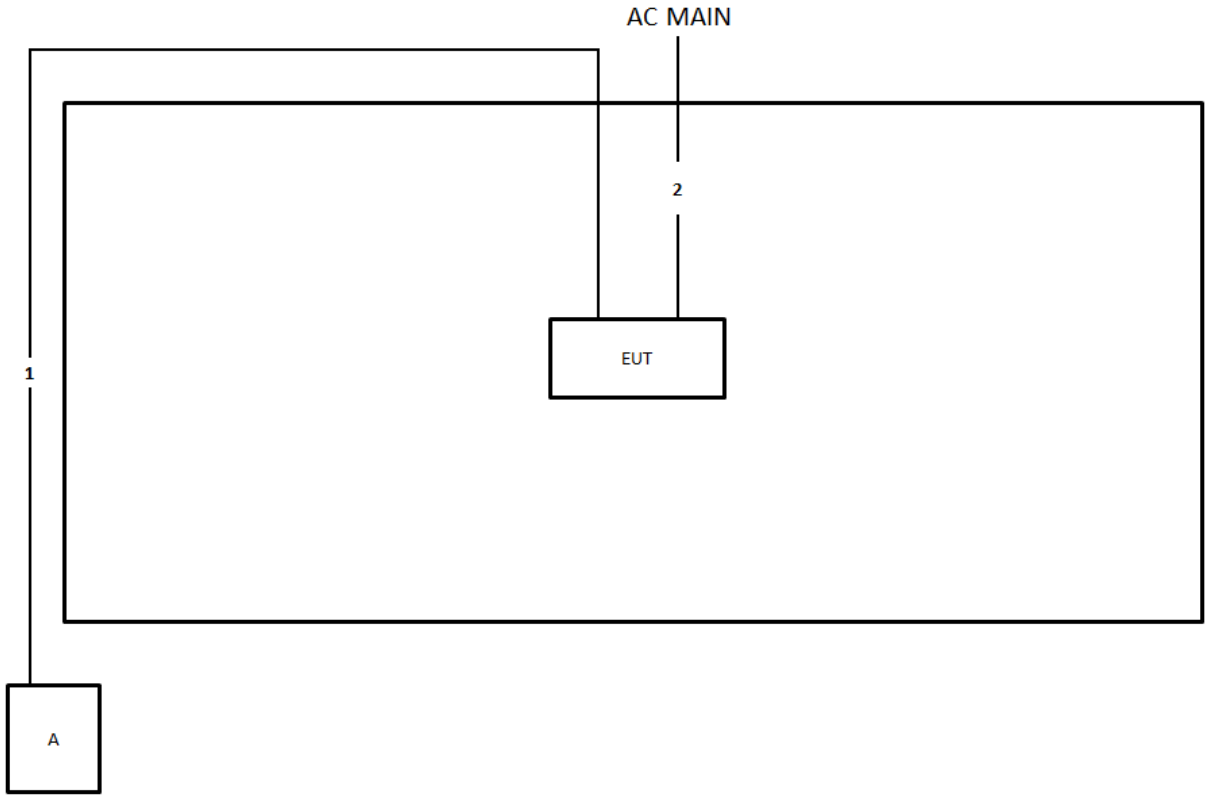
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	RJ-45 cable	No	10m
3	RJ-45 cable	No	10m

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	Power cable	No	1.5m

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

AC Power-line Conducted Emissions Limit		
Frequency Emission (MHz)	**Quasi-Peak**	**Average**
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50
Note 1: * Decreases with the logarithm of the frequency.		

3.1.2 Measuring Instruments

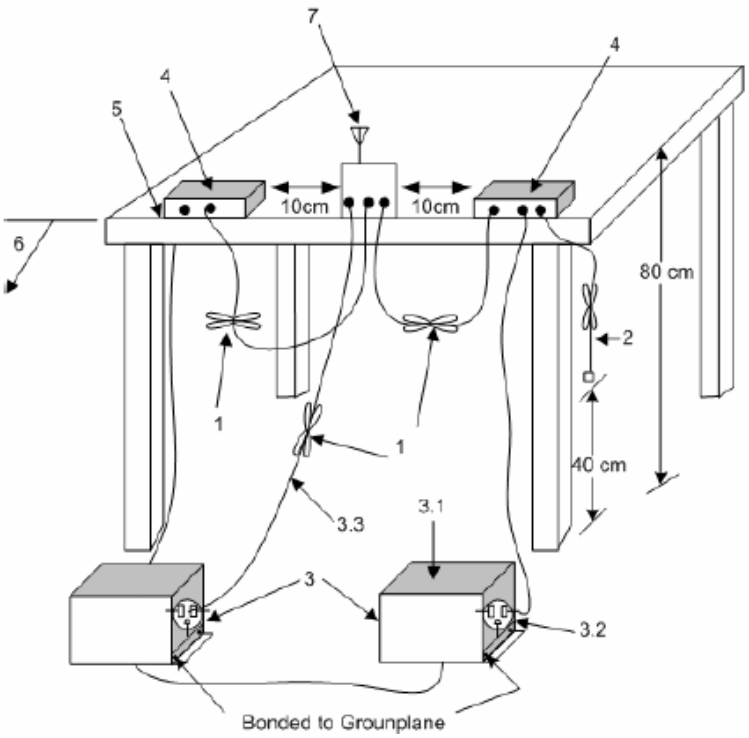
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

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 50 Ω 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.

3.1.5 Measurement Results Calculation

The measured Level is calculated using:

a. Corrected Reading: LISN Factor (LISN) + Attenuator (AT/AUX) + Cable Loss (CL) + Read Level (Raw) = Level

b. Margin = -Limit + Level

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.

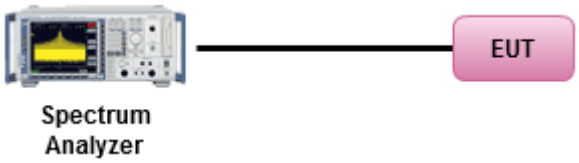
3.2.2 Measuring Instruments

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 FCC KDB 558074, clause 8.2 & C63.10 clause 11.8.1 Option 1 for 6 dB bandwidth measurement.
	☐ Refer as FCC KDB 558074, clause 8.2 & C63.10 clause 11.8.2 Option 2 for 6 dB bandwidth measurement.
	☐ Refer as ANSI C63.10, clause 6.9.1 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
P_{Out} = maximum peak conducted output power or maximum conducted output power in dBm, **G_{TX}** = the maximum transmitting antenna directional gain in dBi.		

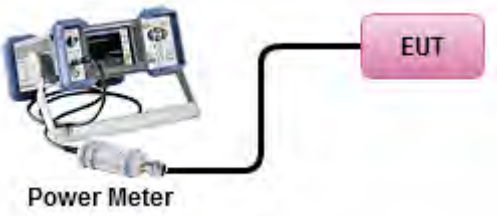
3.3.2 Measuring Instruments

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 FCC KDB 558074, clause 8.3.1.1 & C63.10 clause 11.9.1.1 (RBW ≥ EBW method).
	☐ Refer as FCC KDB 558074, clause 8.3.1.3 & C63.10 clause 11.9.1.3 (peak power meter).
▪ Maximum Conducted Output Power	
	[duty cycle ≥ 98% or external video / power trigger]
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.2 Method AVGSA-1.
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.3 Method AVGSA-1A. (alternative)
	duty cycle < 98% and average over on/off periods with duty factor
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.4 Method AVGSA-2.
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.5 Method AVGSA-2A (alternative)
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.6 Method AVGSA-3
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.7 Method AVGSA-3A (alternative)
	Measurement using a power meter (PM)
	☐ Refer as FCC KDB 558074, clause 8.3.2.3 & C63.10 clause 11.9.2.3.1 Method AVGPM (using an RF average power meter).
	☒ Refer as FCC KDB 558074, clause 8.3.2.3 & C63.10 clause 11.9.2.3.2 Method AVGPM-G (using an gate RF average power meter).
▪ For conducted measurement.	
	▪ If the EUT supports multiple transmit chains using options given below: Refer as FCC 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

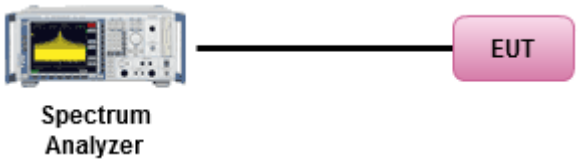
3.4.2 Measuring Instruments

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 FCC KDB 558074, clause 8.4 & C63.10 clause 11.10 Method Max. PSD.	
▪ For conducted measurement.		
	▪ If The EUT supports multiple transmit chains using options given below:	
		☒ Option 1: Measure and sum the spectra across the outputs. Refer as FCC 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.
		☐ Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
		☐ Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.

3.4.4 Test Setup

Power Spectral Density
 Spectrum Analyzer

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

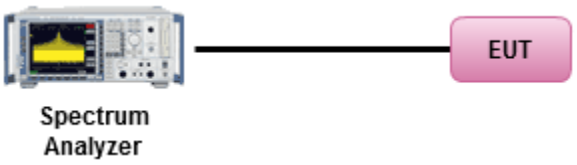
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

Test Method
▪ Refer as FCC KDB 558074, clause 8.5 for unwanted emissions into non-restricted 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.

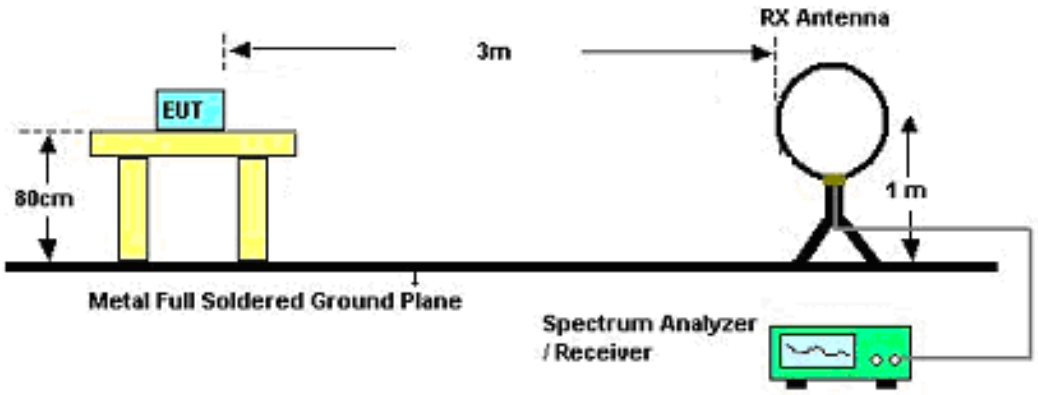
3.6.3 Test Procedures

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 FCC KDB 558074, clause 8.6 for unwanted emissions into restricted bands.		
		☐	Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.1(trace averaging for duty cycle ≥98%).
		☐	Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.2(trace averaging + duty factor).
		☒	Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.3(Reduced VBW≥1/T).
		☐	Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.
		☐	Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
		☒	Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.4 measurement procedure peak limit.
▪ For the transmitter band-edge emissions shall be measured using following options below:			
	▪ Refer as FCC KDB 558074 clause 8.7 & C63.10 clause 11.13.1, When the performing peak or average radiated measurements, emissions within 2 MHz of the authorized band edge may be measured using the marker-delta method described below.		
	▪ Refer as FCC KDB 558074, clause 8.7 (ANSI C63.10, clause 6.10.6) for marker-delta method for band-edge measurements.		
	▪ Refer as FCC KDB 558074, clause 8.7 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels (i.e., 1 MHz).		
	▪ For conducted unwanted emissions into restricted bands (absolute emission limits). Devices with multiple transmit chains using options given below: (1) Measure and sum the spectra across the outputs or (2) Measure and add 10 log(N) dB		
	▪ For FCC KDB 662911 The methodology described here may overestimate array gain, thereby resulting in apparent failures to satisfy the out-of-band limits even if the device is actually compliant. In such cases, compliance may be demonstrated by performing radiated tests around the frequencies at which the apparent failures occurred.		

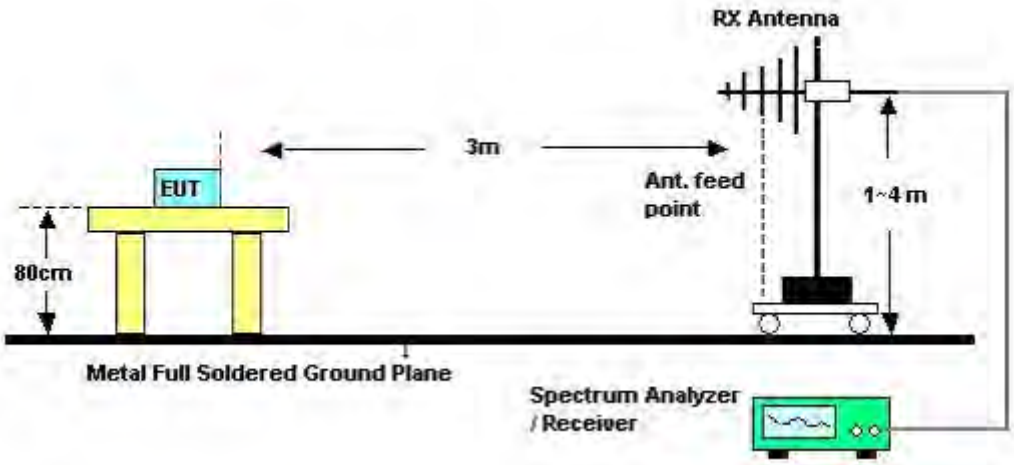
3.6.4 Test Setup

Radiated - Emissions in Restricted Frequency Bands

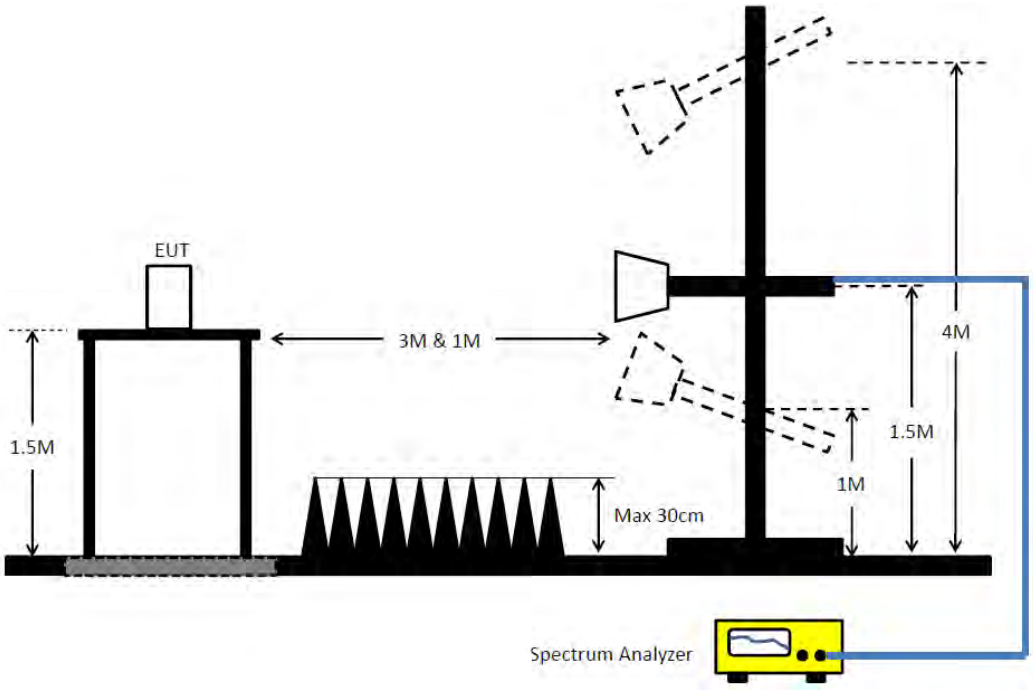
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



3.6.5 Measurement Results Calculation

The measured Level is calculated using:
Corrected Reading: Antenna factor (AF) + Cable loss (CL) + Read level (Raw) - Preamp factor (PA)(if applicable) = Level.

3.6.6 Emissions in Restricted Frequency Bands (Below 30MHz)

There is a comparison data of both open-field test site and alternative test site - semi-Anechoic chamber according to KDB414788 Radiated Test Site, and the result came out very similar.
All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.
The radiated emissions were investigated from 9 kHz or the lowest frequency generated within the device, up to the 10th harmonic or 40 GHz, whichever is appropriate.

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F

4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
LISN	Schwarzbeck	NSLK 8127	8127650	9kHz ~ 30MHz	Nov. 21, 2019	Nov. 20, 2020	Conduction (CO02-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Feb. 25, 2020	Feb. 24, 2021	Conduction (CO02-CB)
EMI Receiver	Agilent	N9038A	MY52260140	9kHz ~ 8.4GHz	Mar. 10, 2020	Mar. 09, 2021	Conduction (CO02-CB)
COND Cable	Woken	Cable	2	0.15MHz ~ 30MHz	Oct. 21, 2019	Oct. 20, 2020	Conduction (CO02-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO02-CB)
Pulse Limiter	Schwarzbeck	VTSD 9561F-N	00378	9kHz ~ 30MHz	Mar. 19, 2020	Mar. 18, 2021	Conduction (CO02-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH03-CB	30 MHz ~ 1 GHz	Jan. 29, 2020	Jan. 28, 2021	Radiation (03CH03-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH03-CB	1GHz ~18GHz 3m	May 28, 2020	May 27, 2021	Radiation (03CH03-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Apr. 13, 2020	Apr. 12, 2021	Radiation (03CH03-CB)
Bilog Antenna with 6 dB attenuator	Schaffner	CBL6112B & N-6-06	2928 & AT-N0607	20MHz ~ 2GHz	Feb. 28, 2020	Feb. 27, 2021	Radiation (03CH03-CB)
Horn Antenna	ETS • Lindgren	3115	6821	750MHz~18GHz	Jan. 20, 2020	Jan. 19, 2021	Radiation (03CH03-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 21, 2020	Jul. 20, 2021	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8447D	2944A10259	9kHz ~ 1.3GHz	Jan. 15, 2020	Jan. 14, 2021	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jul. 03, 2020	Jun. 02, 2021	Radiation (03CH03-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 08, 2020	Jul. 07, 2021	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 09, 2020	Jun. 08, 2021	Radiation (03CH03-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	May 13, 2020	May 12, 2021	Radiation (03CH03-CB)
RF Cable-low	Woken	RG402	Low Cable-02+29	25MHz ~ 1GHz	Jul. 28, 2020	Jul. 27, 2021	Radiation (03CH03-CB)
RF Cable-low	Woken	RG402	Low Cable-02+29	30MHz ~ 1GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+29	1GHz ~ 18GHz	Jul. 28, 2020	Jul. 27, 2021	Radiation (03CH03-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-20+29	1GHz ~ 18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-29	1GHz ~ 18GHz	Jul. 28, 2020	Jul. 27, 2021	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-29	1GHz ~ 18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH03-CB)
Signal Analyzer	R&S	FSV40	101903	9kHz ~ 40GHz	May 14, 2020	May 13, 2021	Conducted (TH03-CB)
Power Sensor	Anritsu	MA2411B	1726195	300MHz~40GHz	Aug. 17, 2020	Aug. 16, 2021	Conducted (TH03-CB)
Power Meter	Anritsu	ML2495A	1035008	300MHz~40GHz	Aug. 17, 2020	Aug. 16, 2021	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-11	1 GHz –18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-12	1 GHz –18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-13	1 GHz –18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1 GHz –18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1 GHz –18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH03-CB)

Note: Calibration Interval of instruments listed above is one year.

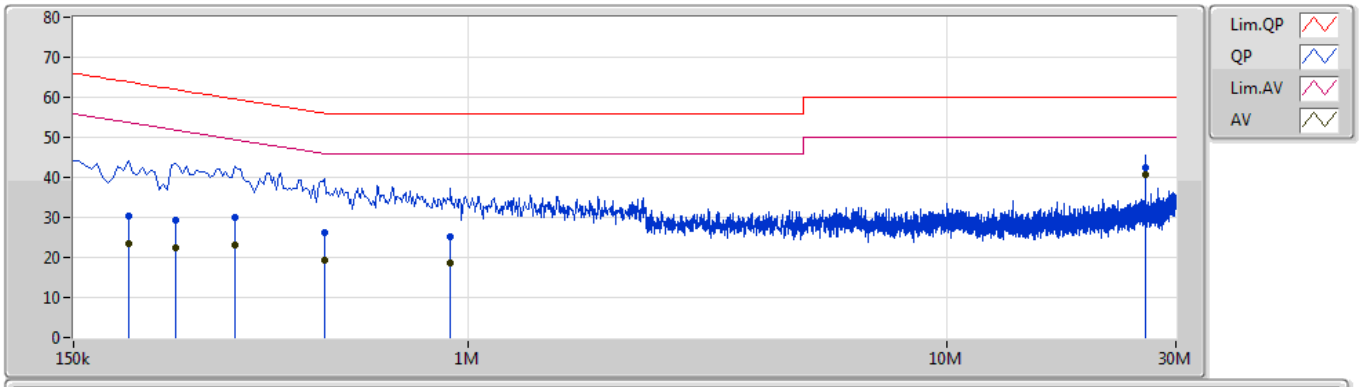
N.C.R. means Non-Calibration required.

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	25.872M	40.56	50.00	-9.44	Line

Mode 1

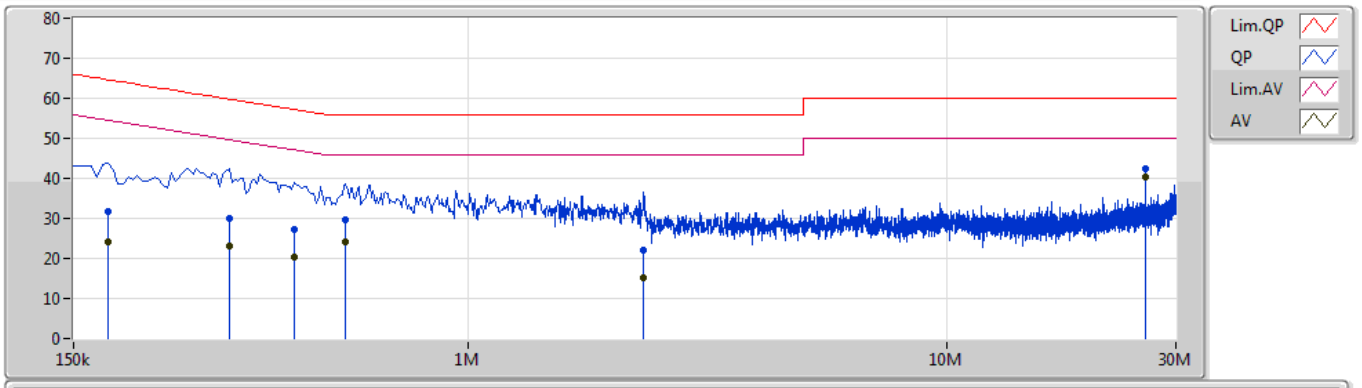
18/09/2020



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	195k	30.44	63.82	-33.38	10.29	Line	-	20.15	0.05	0.07	10.17
AV	195k	23.42	53.82	-30.40	10.29	Line	-	13.13	0.05	0.07	10.17
QP	244.5k	29.21	61.95	-32.74	10.27	Line	-	18.94	0.05	0.07	10.15
AV	244.5k	22.36	51.95	-29.59	10.27	Line	-	12.09	0.05	0.07	10.15
QP	325.5k	29.99	59.56	-29.57	10.25	Line	-	19.74	0.05	0.08	10.12
AV	325.5k	23.17	49.56	-26.39	10.25	Line	-	12.92	0.05	0.08	10.12
QP	500k	26.07	56.00	-29.93	10.24	Line	-	15.83	0.05	0.09	10.10
AV	500k	19.37	46.00	-26.63	10.24	Line	-	9.13	0.05	0.09	10.10
QP	919.5k	25.28	56.00	-30.72	10.29	Line	-	14.99	0.06	0.12	10.11
AV	919.5k	18.61	46.00	-27.39	10.29	Line	-	8.32	0.06	0.12	10.11
QP	25.872M	42.57	60.00	-17.43	10.97	Line	-	31.60	0.55	0.23	10.19
AV	25.872M	40.56	50.00	-9.44	10.97	Line	"Worst"	29.59	0.55	0.23	10.19

Mode 1

18/09/2020



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	177k	31.56	64.62	-33.06	10.27	Neutral	-	21.29	0.05	0.06	10.16
AV	177k	24.23	54.62	-30.39	10.27	Neutral	-	13.96	0.05	0.06	10.16
QP	316.5k	30.01	59.80	-29.79	10.25	Neutral	-	19.76	0.05	0.08	10.12
AV	316.5k	23.17	49.80	-26.63	10.25	Neutral	-	12.92	0.05	0.08	10.12
QP	433.5k	27.27	57.19	-29.92	10.23	Neutral	-	17.04	0.05	0.08	10.10
AV	433.5k	20.36	47.19	-26.83	10.23	Neutral	-	10.13	0.05	0.08	10.10
QP	555k	29.64	56.00	-26.36	10.24	Neutral	-	19.40	0.05	0.09	10.10
AV	555k	24.22	46.00	-21.78	10.24	Neutral	-	13.98	0.05	0.09	10.10
QP	2.324M	22.15	56.00	-33.85	10.38	Neutral	-	11.77	0.09	0.16	10.13
AV	2.324M	15.22	46.00	-30.78	10.38	Neutral	-	4.84	0.09	0.16	10.13
QP	25.872M	42.38	60.00	-17.62	10.75	Neutral	-	31.63	0.33	0.23	10.19
AV	25.872M	40.25	50.00	-9.75	10.75	Neutral	"Worst"	29.50	0.33	0.23	10.19

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	10.025M	13.918M	13M9D2W	10M	13.593M
802.11g_Nss1,(6Mbps)_2TX	15.075M	19.315M	19M3D7W	13.775M	16.142M
802.11n HT20_Nss1,(MCS0)_2TX	15.1M	18.841M	18M8D7W	13.775M	17.266M
802.11n HT40_Nss1,(MCS0)_2TX	35.05M	35.982M	36M0D7W	31.25M	35.932M

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	10M	13.618M	10.025M	13.643M
2437MHz	Pass	500k	10M	13.843M	10M	13.918M
2462MHz	Pass	500k	10.025M	13.668M	10M	13.593M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	13.775M	16.142M	15M	16.192M
2437MHz	Pass	500k	15.075M	18.591M	15M	19.315M
2462MHz	Pass	500k	15.05M	16.142M	14.45M	16.167M
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	13.775M	17.291M	15.05M	17.291M
2437MHz	Pass	500k	13.8M	18.441M	15.1M	18.841M
2462MHz	Pass	500k	15.025M	17.266M	15.1M	17.291M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	35M	35.982M	33.75M	35.932M
2437MHz	Pass	500k	35M	35.982M	35.05M	35.982M
2452MHz	Pass	500k	35.05M	35.932M	31.25M	35.932M

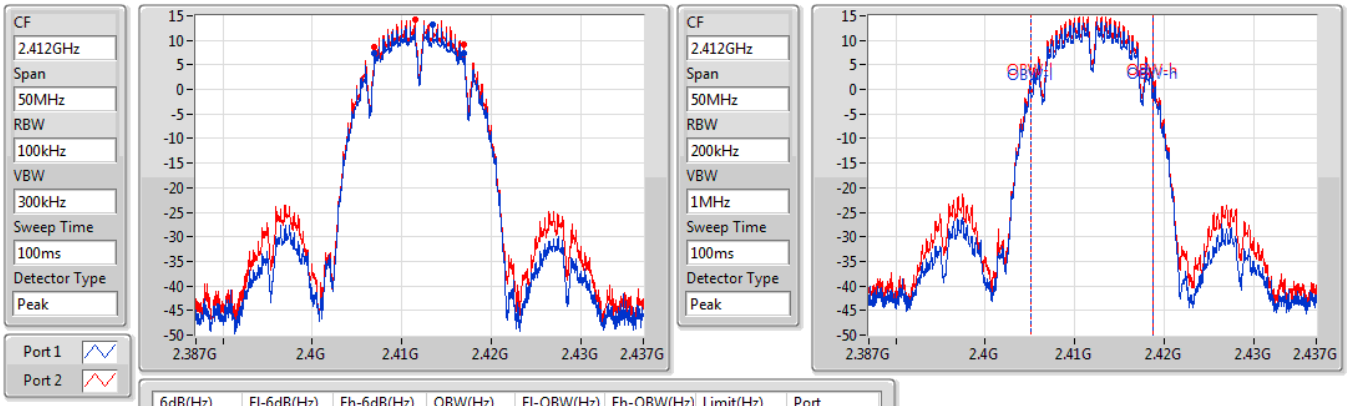
Port X-N dB = Port **X** 6dB down bandwidth; **Port X-OBW** = Port **X** 99% occupied bandwidth;

802.11b_Nss1,(1Mbps)_2TX

EBW

2412MHz

08/12/2020



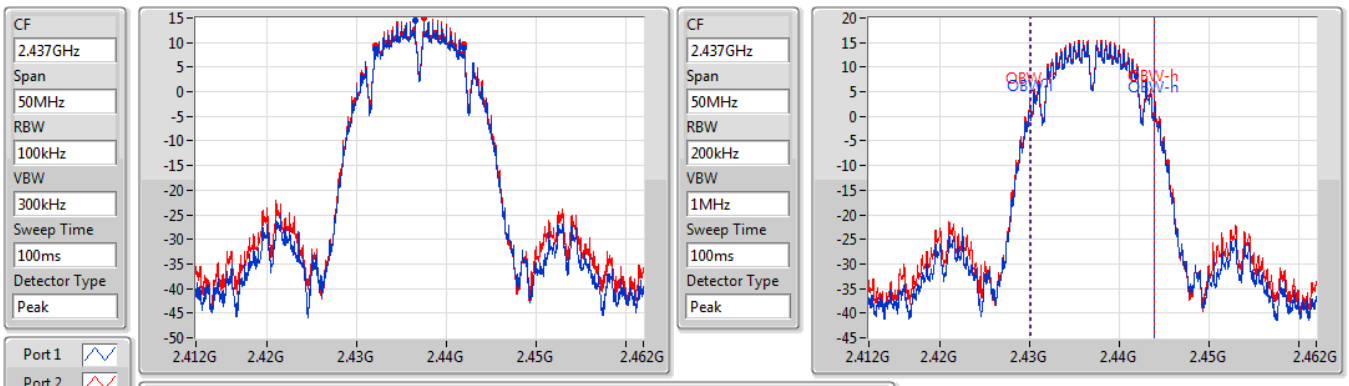
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10M	2.406975G	2.416975G	13.618M	2.405153G	2.418772G	500k	1
10.025M	2.40695G	2.416975G	13.643M	2.405153G	2.418797G	500k	2

802.11b_Nss1,(1Mbps)_2TX

EBW

2437MHz

08/12/2020



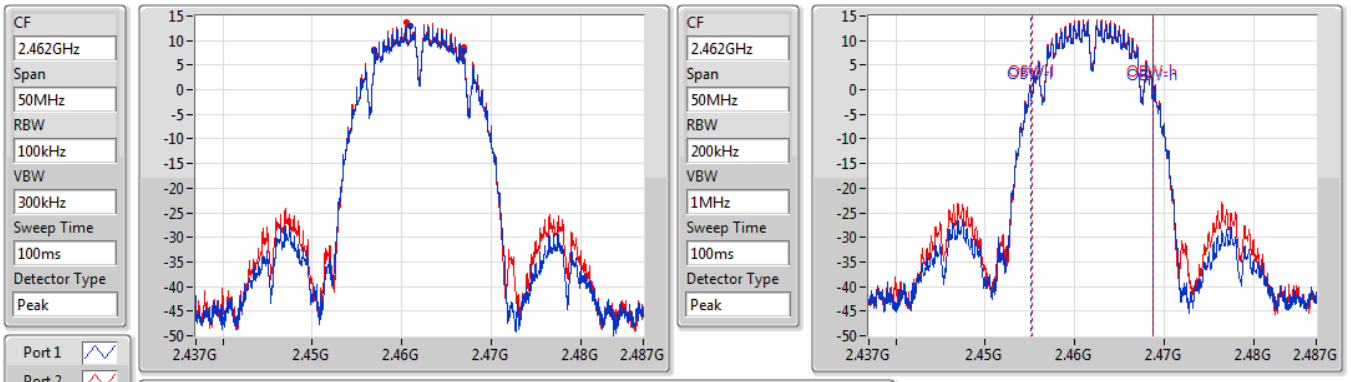
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10M	2.432G	2.442G	13.843M	2.430053G	2.443897G	500k	1
10M	2.432G	2.442G	13.918M	2.430028G	2.443947G	500k	2

802.11b_Nss1,(1Mbps)_2TX

EBW

2462MHz

08/12/2020



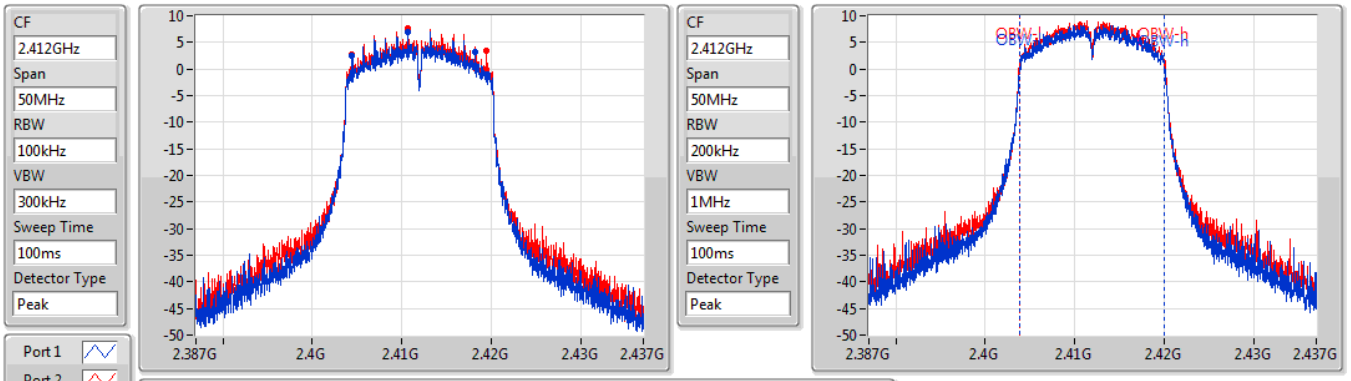
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10.025M	2.45695G	2.466975G	13.668M	2.455128G	2.468797G	500k	1
10M	2.456975G	2.466975G	13.593M	2.455178G	2.468772G	500k	2

802.11g_Nss1,(6Mbps)_2TX

EBW

2412MHz

08/12/2020



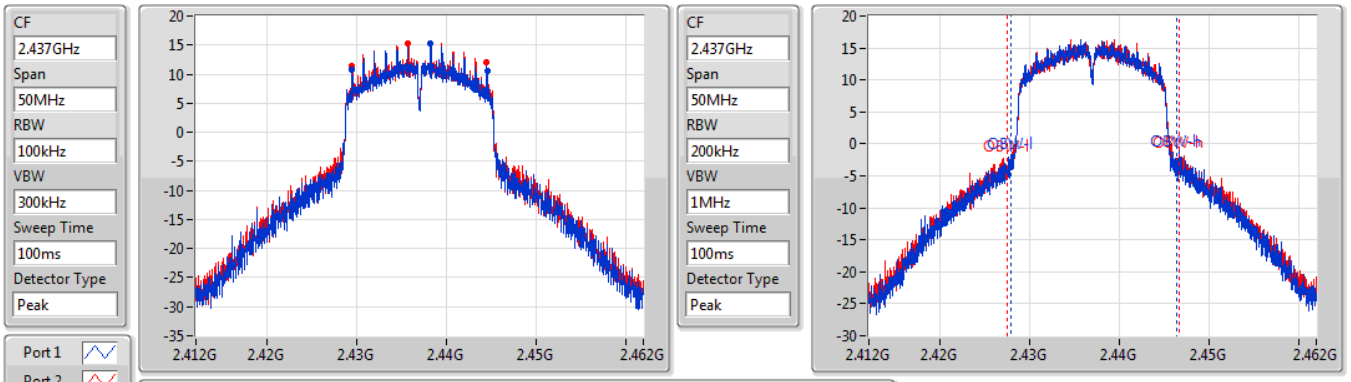
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
13.775M	2.404475G	2.41825G	16.142M	2.403904G	2.420046G	500k	1
15M	2.40445G	2.41945G	16.192M	2.403879G	2.420071G	500k	2

802.11g_Nss1,(6Mbps)_2TX

EBW

2437MHz

08/12/2020



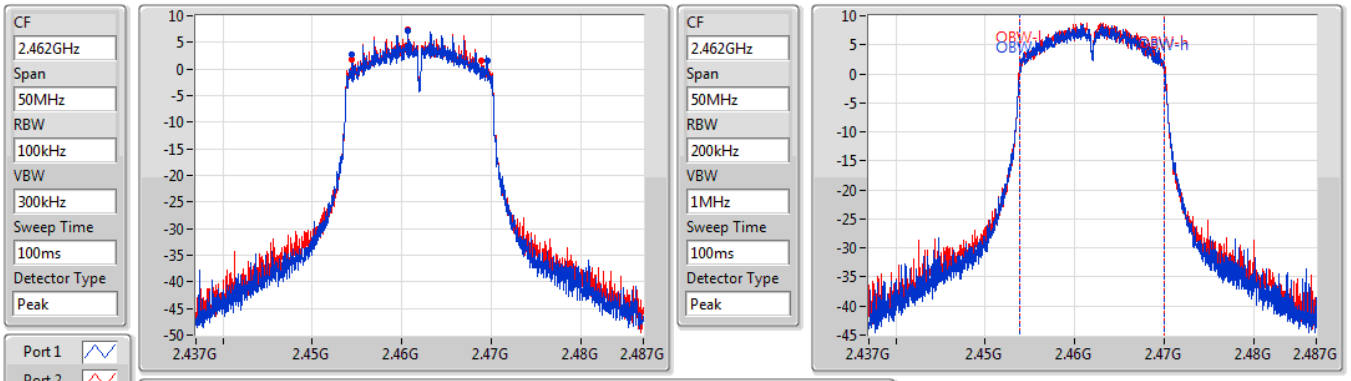
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.075M	2.42945G	2.444525G	18.591M	2.42783G	2.44642G	500k	1
15M	2.429475G	2.444475G	19.315M	2.42743G	2.446745G	500k	2

802.11g_Nss1,(6Mbps)_2TX

EBW

2462MHz

08/12/2020



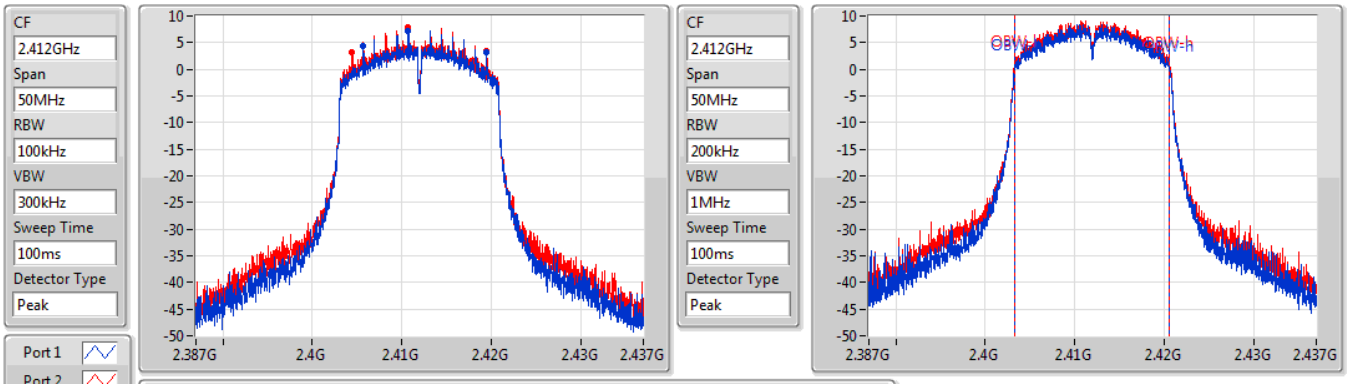
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.05M	2.454475G	2.469525G	16.142M	2.453904G	2.470046G	500k	1
14.45M	2.454425G	2.468875G	16.167M	2.453879G	2.470046G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX

EBW

2412MHz

08/12/2020



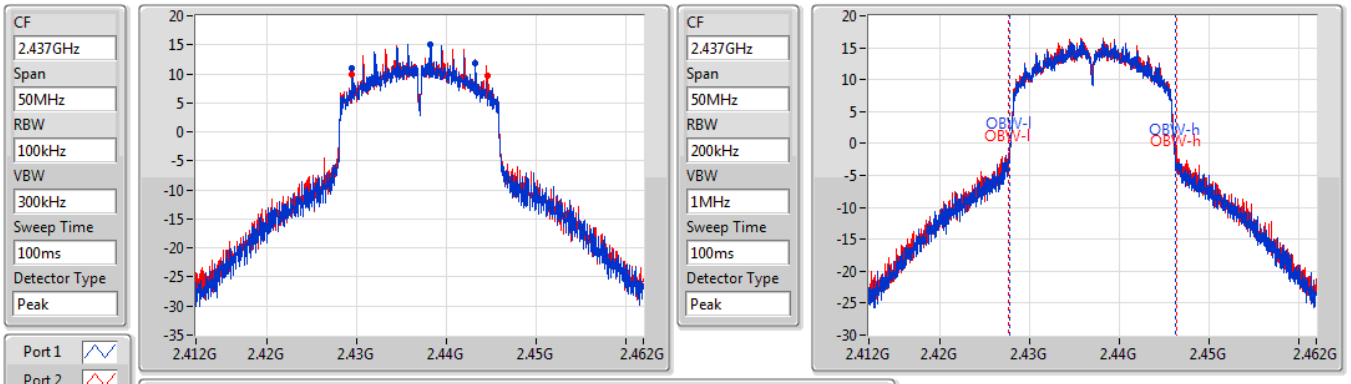
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
13.775M	2.405725G	2.4195G	17.291M	2.403329G	2.420621G	500k	1
15.05M	2.40445G	2.4195G	17.291M	2.403329G	2.420621G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX

EBW

2437MHz

08/12/2020



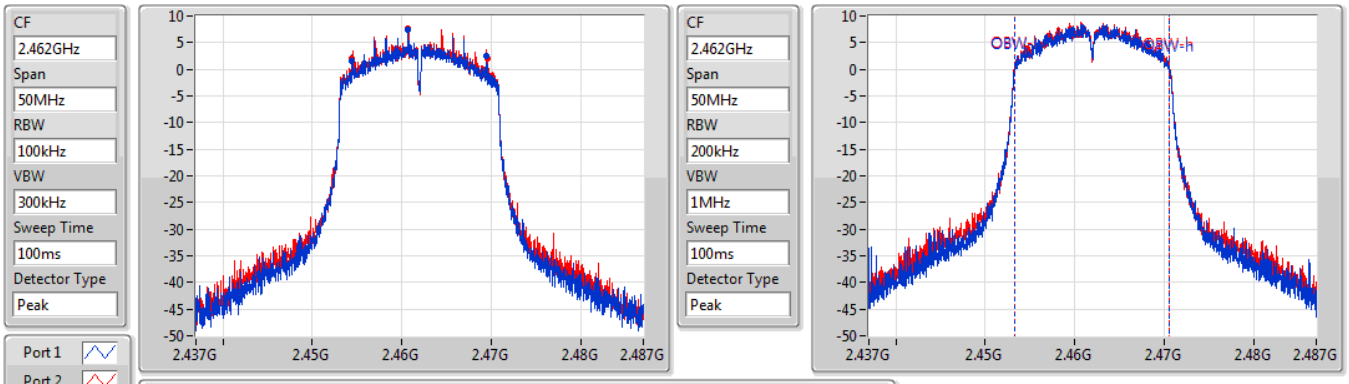
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
13.8M	2.42945G	2.44325G	18.441M	2.427805G	2.446245G	500k	1
15.1M	2.429425G	2.444525G	18.841M	2.427605G	2.446445G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX

EBW

2462MHz

08/12/2020



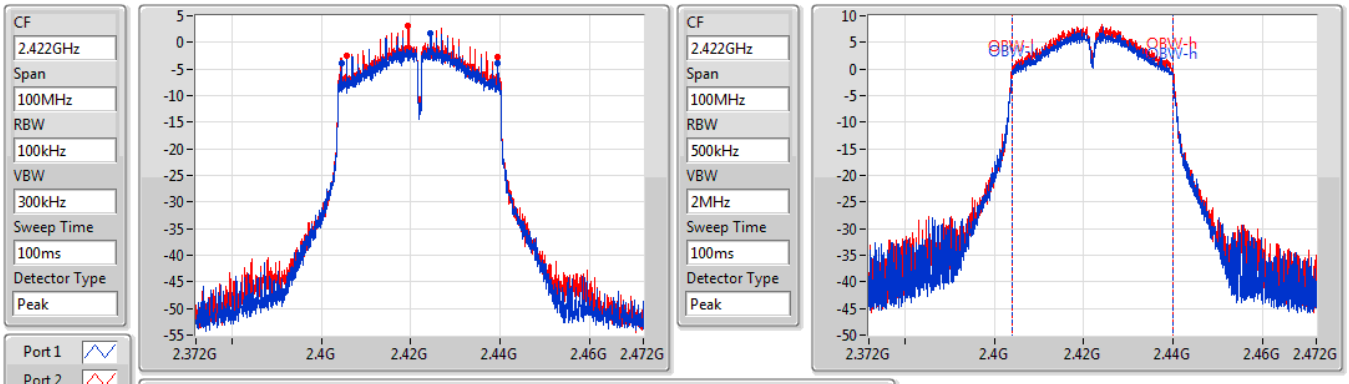
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.025M	2.454425G	2.46945G	17.266M	2.453329G	2.470596G	500k	1
15.1M	2.454425G	2.469525G	17.291M	2.453329G	2.470621G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX

EBW

2422MHz

08/12/2020



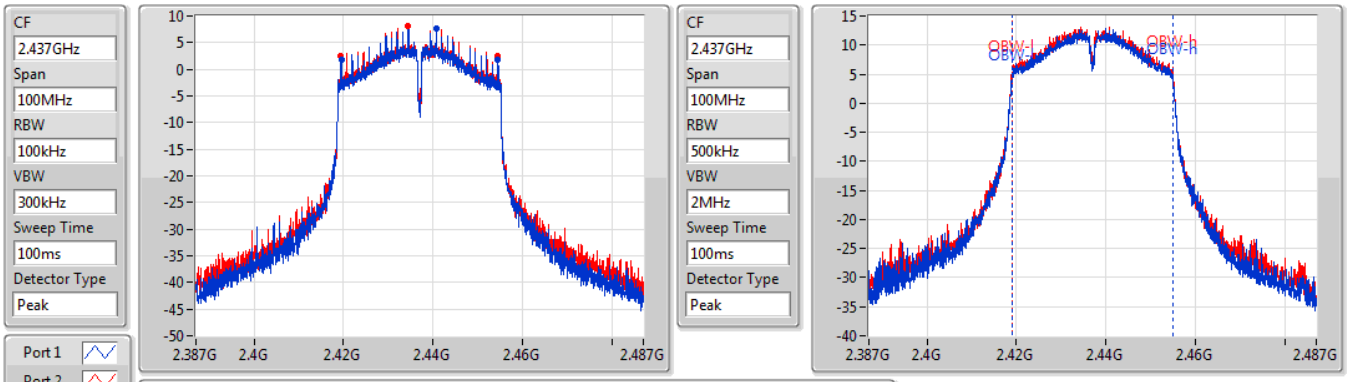
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35M	2.4045G	2.4395G	35.982M	2.403959G	2.439941G	500k	1
33.75M	2.4057G	2.43945G	35.932M	2.404009G	2.439941G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX

EBW

2437MHz

08/12/2020



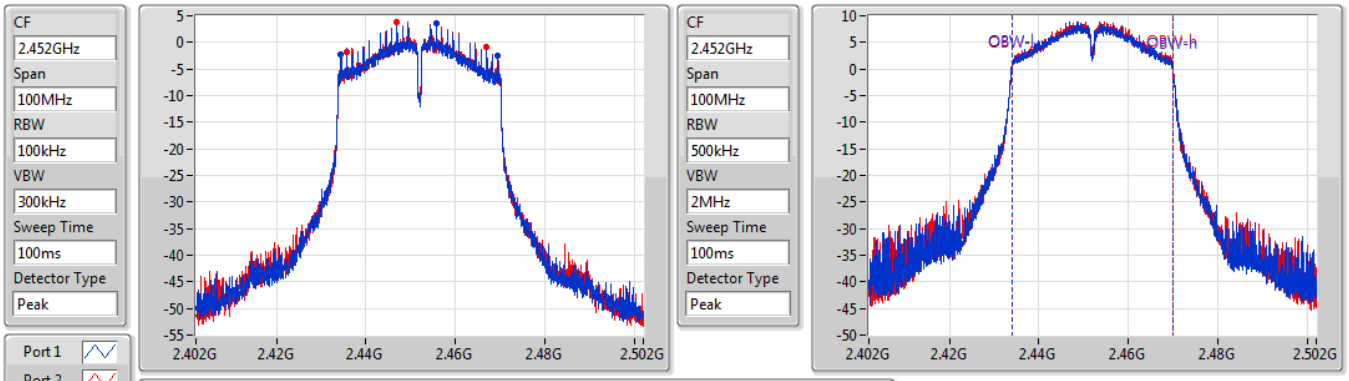
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35M	2.4195G	2.4545G	35.982M	2.418959G	2.454941G	500k	1
35.05M	2.41945G	2.4545G	35.982M	2.418959G	2.454941G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX

EBW

2452MHz

08/12/2020



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.05M	2.43445G	2.4695G	35.932M	2.433959G	2.469891G	500k	1
31.25M	2.4357G	2.46695G	35.932M	2.434009G	2.469941G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	27.10	0.51286
802.11g_Nss1,(6Mbps)_2TX	28.27	0.67143
802.11n HT20_Nss1,(MCS0)_2TX	28.02	0.63387
802.11n HT40_Nss1,(MCS0)_2TX	22.96	0.19770

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	1.50	22.23	23.28	25.80	30.00
2417MHz	Pass	1.50	23.62	24.51	27.10	30.00
2437MHz	Pass	1.50	23.91	24.24	27.09	30.00
2457MHz	Pass	1.50	23.35	23.80	26.59	30.00
2462MHz	Pass	1.50	22.57	23.15	25.88	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	1.50	17.68	18.42	21.08	30.00
2417MHz	Pass	1.50	18.36	19.22	21.82	30.00
2437MHz	Pass	1.50	25.10	25.42	28.27	30.00
2457MHz	Pass	1.50	19.74	20.10	22.93	30.00
2462MHz	Pass	1.50	17.81	18.29	21.07	30.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	1.50	17.65	18.42	21.06	30.00
2417MHz	Pass	1.50	19.23	20.12	22.71	30.00
2437MHz	Pass	1.50	24.82	25.20	28.02	30.00
2457MHz	Pass	1.50	19.54	19.89	22.73	30.00
2462MHz	Pass	1.50	17.72	18.14	20.95	30.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	1.50	14.84	15.62	18.26	30.00
2427MHz	Pass	1.50	16.67	17.33	20.02	30.00
2437MHz	Pass	1.50	19.81	20.09	22.96	30.00
2447MHz	Pass	1.50	18.62	18.75	21.70	30.00
2452MHz	Pass	1.50	16.42	16.58	19.51	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	1.85
802.11g_Nss1,(6Mbps)_2TX	2.35
802.11n HT20_Nss1,(MCS0)_2TX	1.92
802.11n HT40_Nss1,(MCS0)_2TX	-5.30

RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

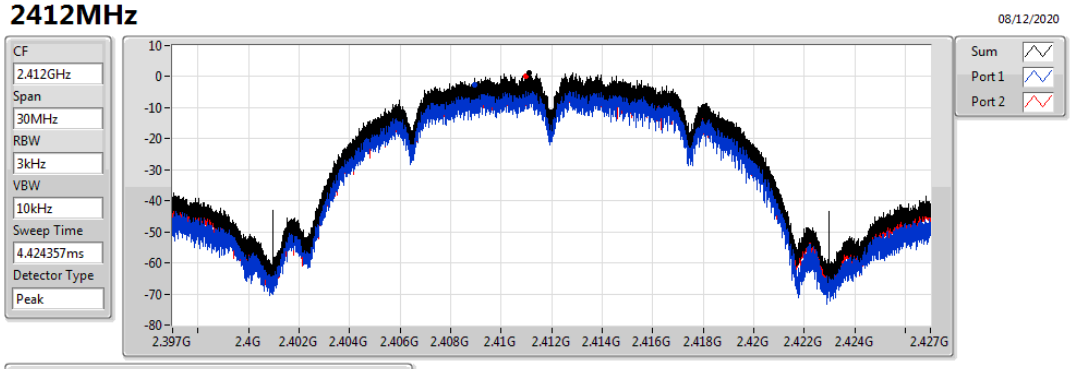
Result

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	4.51	-2.60	0.28	1.11	8.00
2437MHz	Pass	4.51	-0.19	0.15	1.85	8.00
2462MHz	Pass	4.51	-0.91	-1.05	1.67	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.51	-7.26	-6.03	-4.70	8.00
2437MHz	Pass	4.51	0.32	0.82	2.35	8.00
2462MHz	Pass	4.51	-6.90	-5.54	-3.16	8.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.51	-6.52	-6.35	-5.07	8.00
2437MHz	Pass	4.51	-0.63	0.49	1.92	8.00
2462MHz	Pass	4.51	-6.94	-7.26	-5.28	8.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	4.51	-12.71	-9.37	-8.76	8.00
2437MHz	Pass	4.51	-6.74	-6.01	-5.30	8.00
2452MHz	Pass	4.51	-10.22	-10.91	-8.86	8.00

DG = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;
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

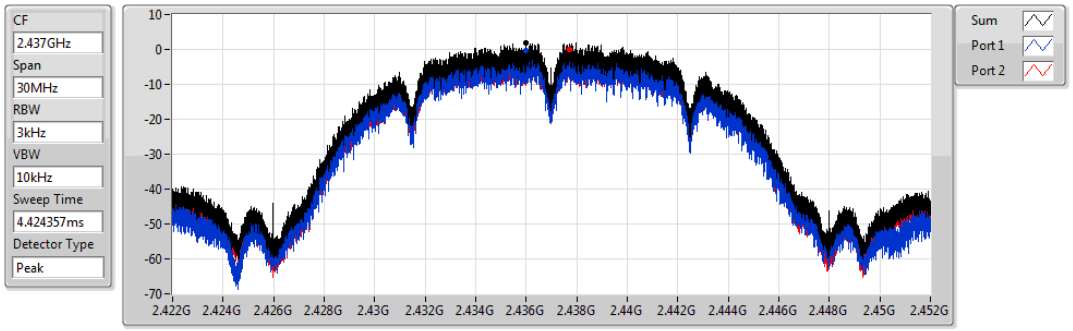
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.11	1.11	-2.60	0.28

802.11b_Nss1,(1Mbps)_2TX PSD

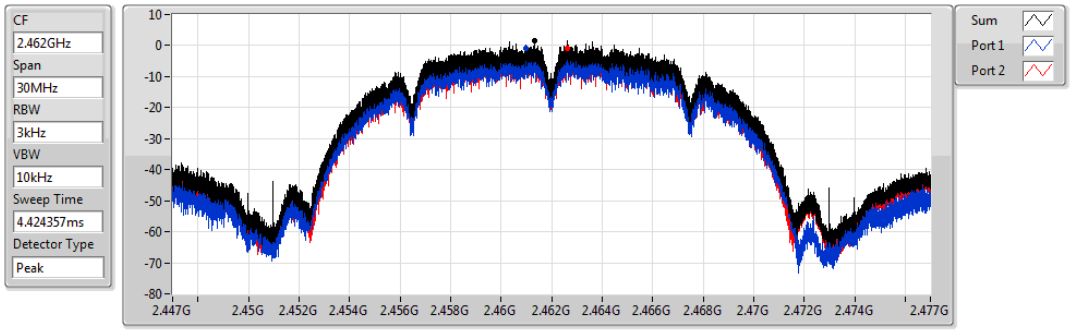
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.85	1.85	-0.19	0.15

802.11b_Nss1,(1Mbps)_2TX PSD

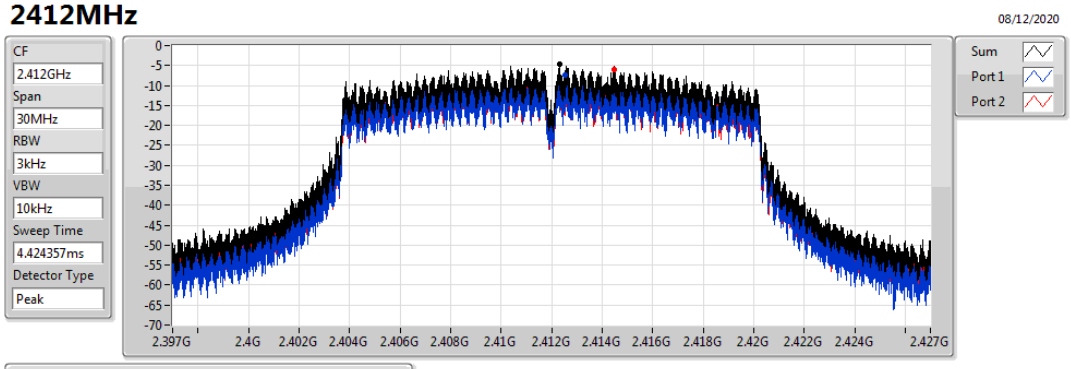
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.67	1.67	-0.91	-1.05

802.11g_Nss1,(6Mbps)_2TX PSD

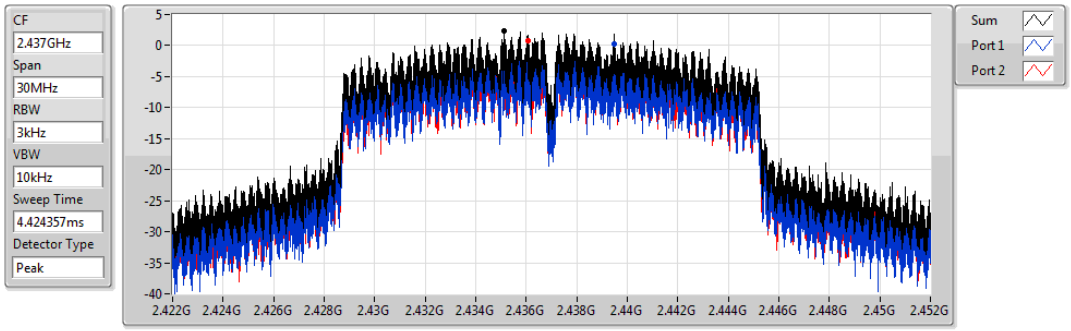
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.70	-4.70	-7.26	-6.03

802.11g_Nss1,(6Mbps)_2TX PSD

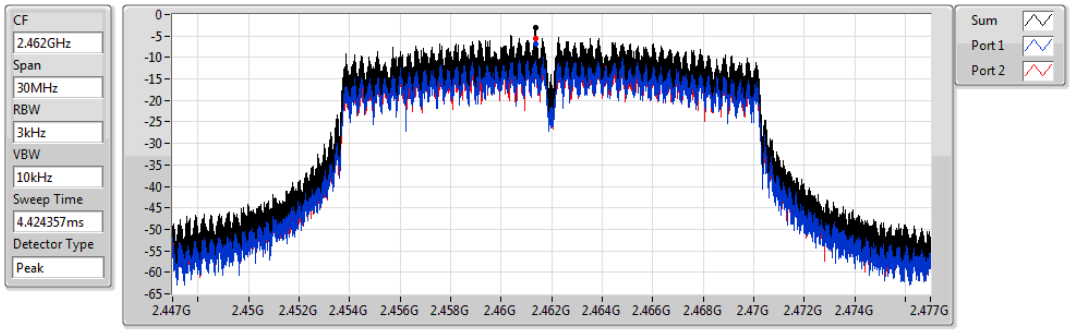
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.35	2.35	0.32	0.82

802.11g_Nss1,(6Mbps)_2TX PSD

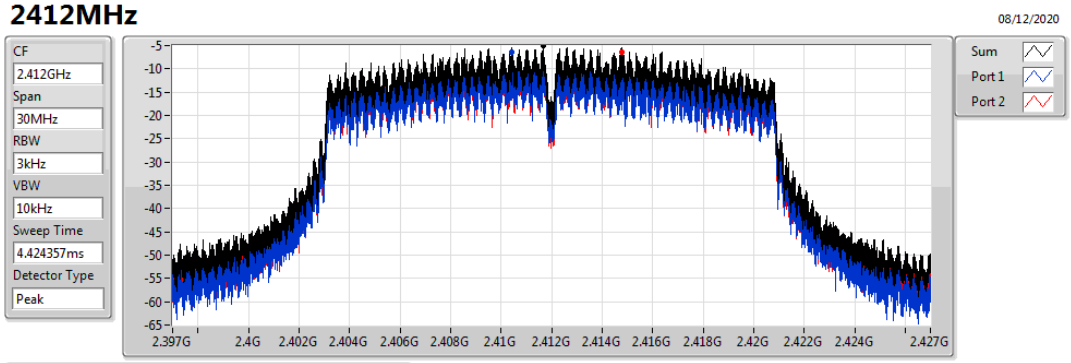
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.16	-3.16	-6.90	-5.54

802.11n HT20_Nss1,(MCS0)_2TX PSD

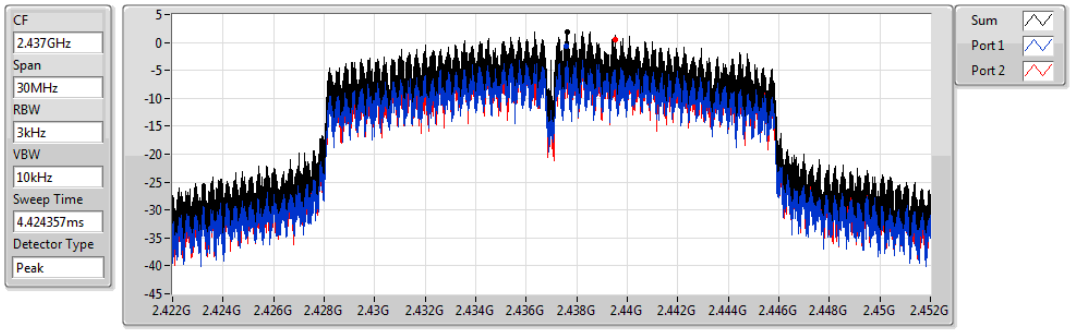
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.07	-5.07	-6.52	-6.35

802.11n HT20_Nss1,(MCS0)_2TX PSD

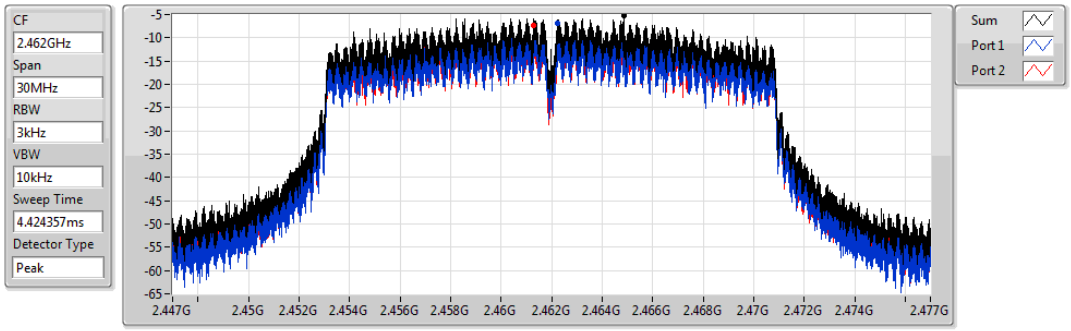
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.92	1.92	-0.63	0.49

802.11n HT20_Nss1,(MCS0)_2TX PSD

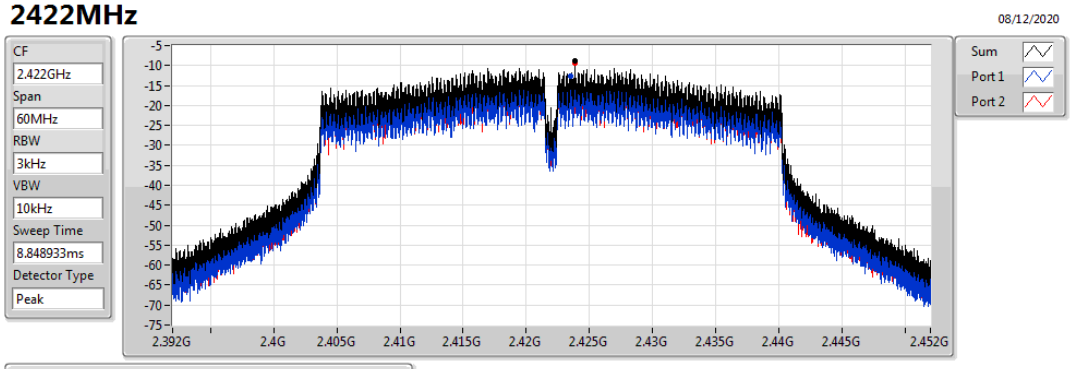
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.28	-5.28	-6.94	-7.26

802.11n HT40_Nss1,(MCS0)_2TX PSD

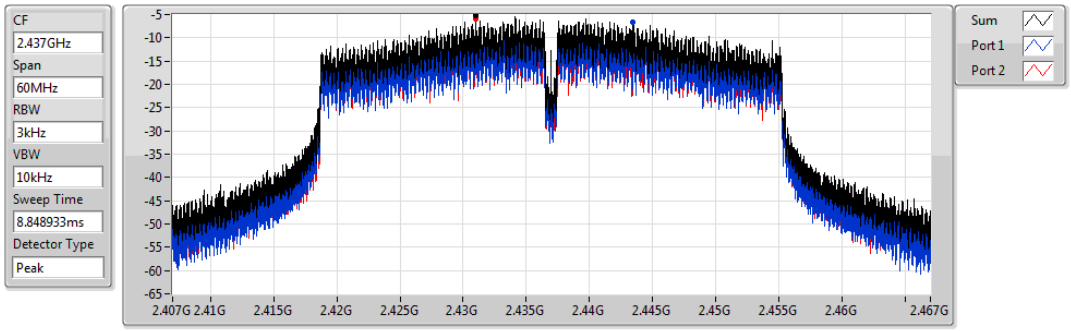
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.76	-8.76	-12.71	-9.37

802.11n HT40_Nss1,(MCS0)_2TX PSD

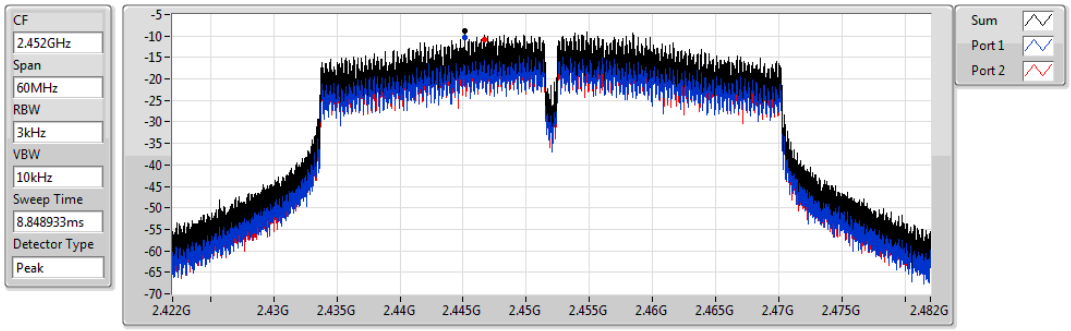
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.30	-5.30	-6.74	-6.01

802.11n HT40_Nss1,(MCS0)_2TX PSD

2452MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.86	-8.86	-10.22	-10.91

Summary

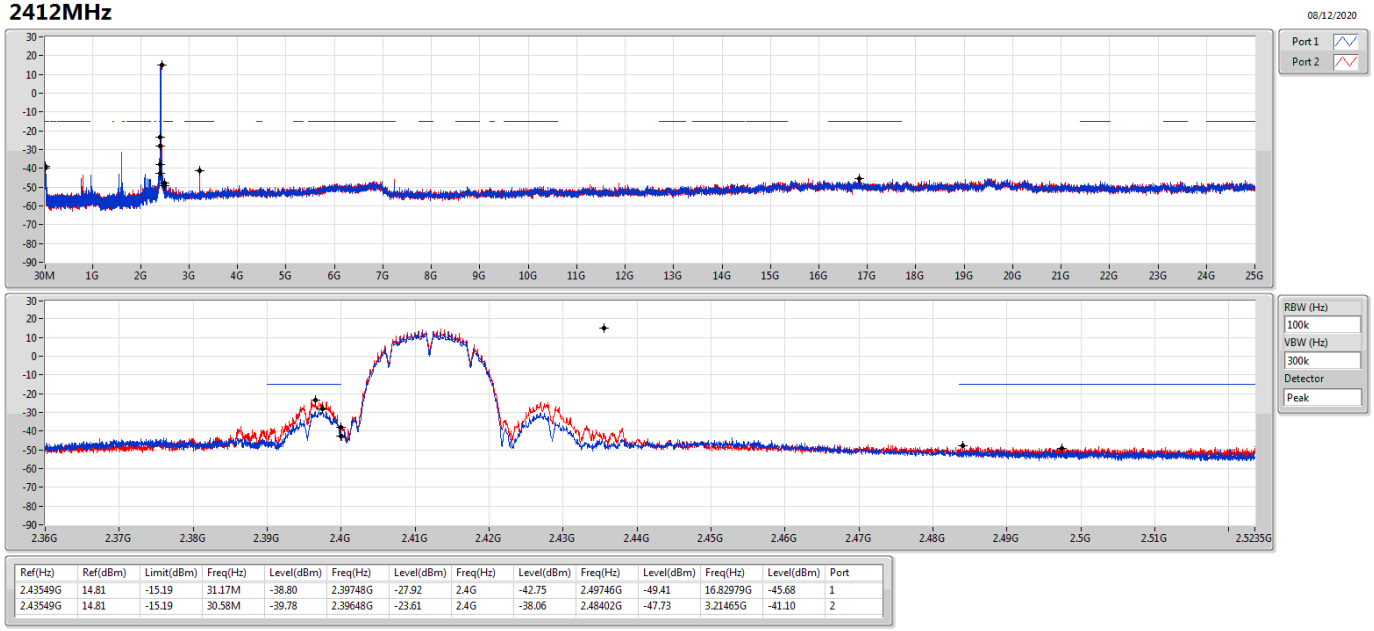
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.43549G	14.81	-15.19	30.58M	-39.78	2.39648G	-23.61	2.4G	-38.06	2.48402G	-47.73	3.21465G	-41.10	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.4395G	15.68	-14.32	30.58M	-37.94	2.39982G	-28.78	2.4G	-31.78	2.48662G	-49.81	16.74831G	-46.05	2
802.11n HT20_Nss1,(MCS0)_2TX	Pass	2.43945G	15.32	-14.68	30.58M	-42.59	2.39888G	-29.48	2.4G	-31.90	2.50394G	-48.98	16.5095G	-45.84	2
802.11n HT40_Nss1,(MCS0)_2TX	Pass	2.43449G	8.34	-21.66	1.6247G	-44.34	2.39952G	-29.87	2.4G	-35.79	2.48574G	-37.23	3.24781G	-42.45	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	2.43549G	14.81	-15.19	31.17M	-38.80	2.39748G	-27.92	2.4G	-42.75	2.49746G	-49.41	16.82979G	-45.68	1
2412MHz	Pass	2.43549G	14.81	-15.19	30.58M	-39.78	2.39648G	-23.61	2.4G	-38.06	2.48402G	-47.73	3.21465G	-41.10	2
2437MHz	Pass	2.43549G	14.81	-15.19	1.62459G	-31.35	2.39424G	-42.86	2.4G	-44.66	2.48438G	-43.32	3.24837G	-45.73	1
2437MHz	Pass	2.43549G	14.81	-15.19	1.62459G	-30.88	2.39996G	-42.51	2.4G	-43.05	2.48428G	-47.04	3.24837G	-42.96	2
2462MHz	Pass	2.43549G	14.81	-15.19	30.58M	-39.09	2.39858G	-49.18	2.4835G	-46.55	2.48798G	-43.46	6.98789G	-46.25	1
2462MHz	Pass	2.43549G	14.81	-15.19	1.64149G	-31.77	2.39014G	-48.14	2.4835G	-46.78	2.48792G	-42.54	3.28208G	-44.90	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.4395G	15.68	-14.32	30.58M	-39.36	2.4G	-32.16	2.4G	-33.46	2.49574G	-49.47	16.41398G	-45.81	1
2412MHz	Pass	2.4395G	15.68	-14.32	30.58M	-37.94	2.39982G	-28.78	2.4G	-31.78	2.48662G	-49.81	16.74831G	-46.05	2
2437MHz	Pass	2.4395G	15.68	-14.32	30.58M	-37.96	2.39982G	-32.62	2.4G	-34.33	2.48698G	-37.16	3.24837G	-43.60	1
2437MHz	Pass	2.4395G	15.68	-14.32	31.75M	-38.64	2.39914G	-29.88	2.4G	-34.84	2.48508G	-35.74	3.24837G	-39.73	2
2462MHz	Pass	2.4395G	15.68	-14.32	30.58M	-40.39	2.39918G	-47.66	2.4835G	-44.99	2.48792G	-40.87	16.24821G	-45.87	1
2462MHz	Pass	2.4395G	15.68	-14.32	31.75M	-41.97	2.39192G	-48.91	2.4835G	-44.18	2.48742G	-39.37	16.72584G	-45.76	2
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43945G	15.32	-14.68	32.04M	-40.53	2.3995G	-30.51	2.4G	-33.98	2.49496G	-49.31	16.48422G	-45.87	1
2412MHz	Pass	2.43945G	15.32	-14.68	30.58M	-42.59	2.39888G	-29.48	2.4G	-31.90	2.50394G	-48.98	16.5095G	-45.84	2
2437MHz	Pass	2.43945G	15.32	-14.68	1.62489G	-40.12	2.39954G	-32.01	2.4G	-35.98	2.48384G	-36.12	3.24837G	-42.32	1
2437MHz	Pass	2.43945G	15.32	-14.68	1.62459G	-39.41	2.3995G	-31.85	2.4G	-34.84	2.48416G	-36.49	3.24837G	-40.50	2
2462MHz	Pass	2.43945G	15.32	-14.68	32.33M	-40.44	2.39962G	-48.59	2.4835G	-44.24	2.48414G	-40.23	17.11356G	-45.95	1
2462MHz	Pass	2.43945G	15.32	-14.68	32.04M	-38.96	2.39862G	-50.15	2.4835G	-43.75	2.48412G	-40.57	16.3634G	-45.90	2
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43449G	8.34	-21.66	79.24M	-43.97	2.3998G	-32.90	2.4G	-33.41	2.50014G	-49.81	16.42645G	-46.02	1
2422MHz	Pass	2.43449G	8.34	-21.66	30.57M	-43.82	2.4G	-31.49	2.4G	-32.27	2.48822G	-50.03	17.39683G	-46.09	2
2437MHz	Pass	2.43449G	8.34	-21.66	1.62499G	-44.15	2.39952G	-31.02	2.4G	-38.81	2.48402G	-41.19	16.39841G	-45.78	1
2437MHz	Pass	2.43449G	8.34	-21.66	1.6247G	-44.34	2.39952G	-29.87	2.4G	-35.79	2.48574G	-37.23	3.24781G	-42.45	2
2452MHz	Pass	2.43449G	8.34	-21.66	30.57M	-44.07	2.3954G	-46.78	2.4835G	-44.84	2.48942G	-40.59	6.83765G	-45.83	1
2452MHz	Pass	2.43449G	8.34	-21.66	32M	-44.44	2.39532G	-46.39	2.4835G	-43.21	2.48786G	-40.20	24.50079G	-45.52	2

802.11b_Nss1,(1Mbps)_2TX **CSE NdB**

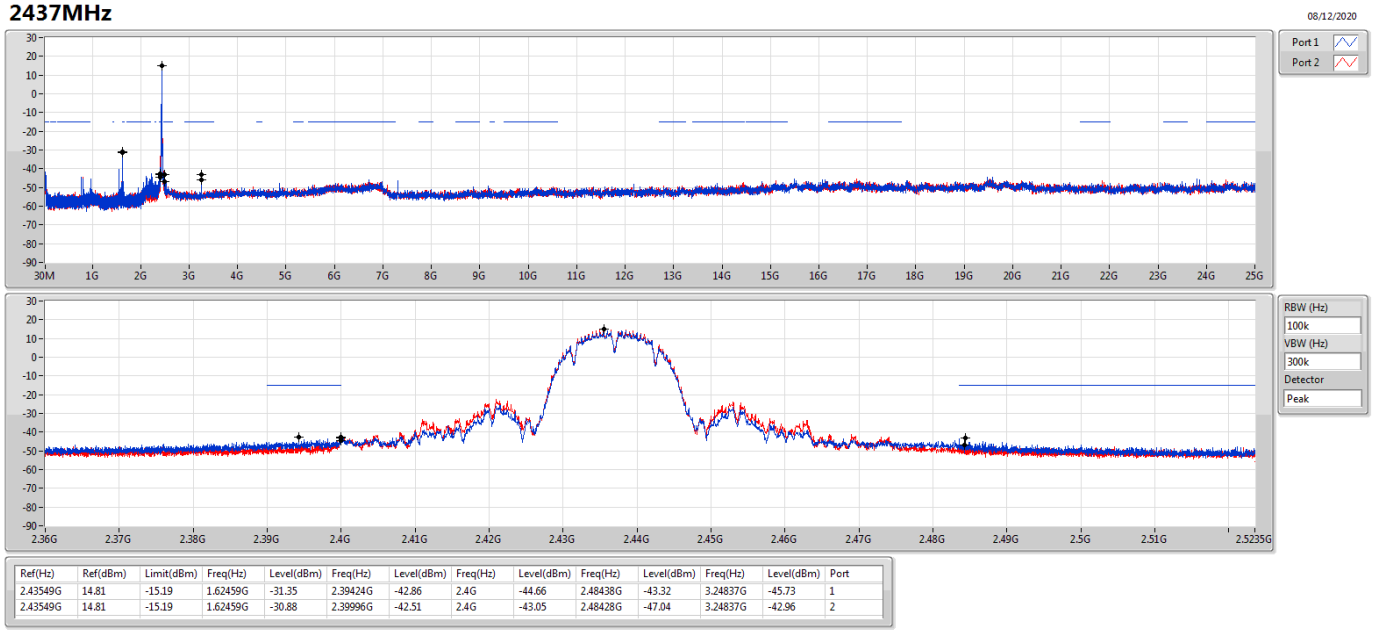
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43549G	14.81	-15.19	31.17M	-38.80	2.39748G	-27.92	2.4G	-42.75	2.49746G	-49.41	16.82979G	-45.68	1
2.43549G	14.81	-15.19	30.58M	-39.78	2.39648G	-23.61	2.4G	-38.06	2.48402G	-47.73	3.21465G	-41.10	2

802.11b_Nss1,(1Mbps)_2TX **CSE NdB**

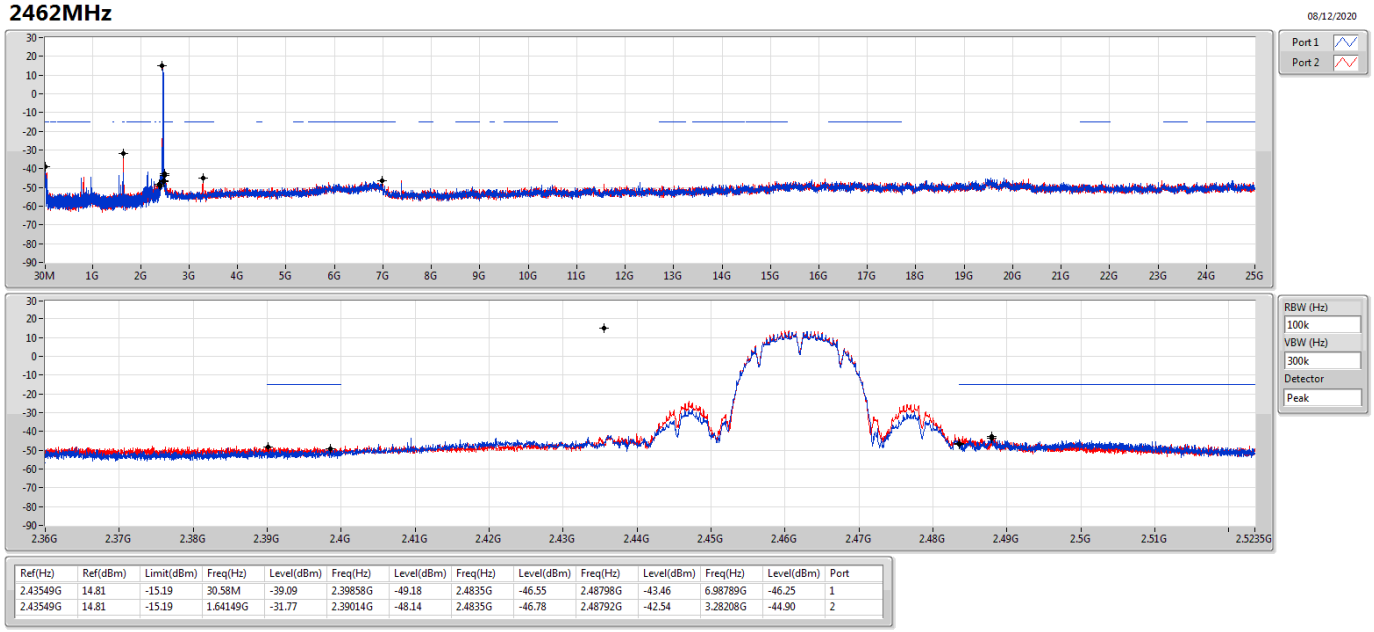
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43549G	14.81	-15.19	1.62459G	-31.35	2.39424G	-42.86	2.4G	-44.66	2.48438G	-43.32	3.24837G	-45.73	1
2.43549G	14.81	-15.19	1.62459G	-30.88	2.39996G	-42.51	2.4G	-43.05	2.48428G	-47.04	3.24837G	-42.96	2

802.11b_Nss1,(1Mbps)_2TX **CSE NdB**

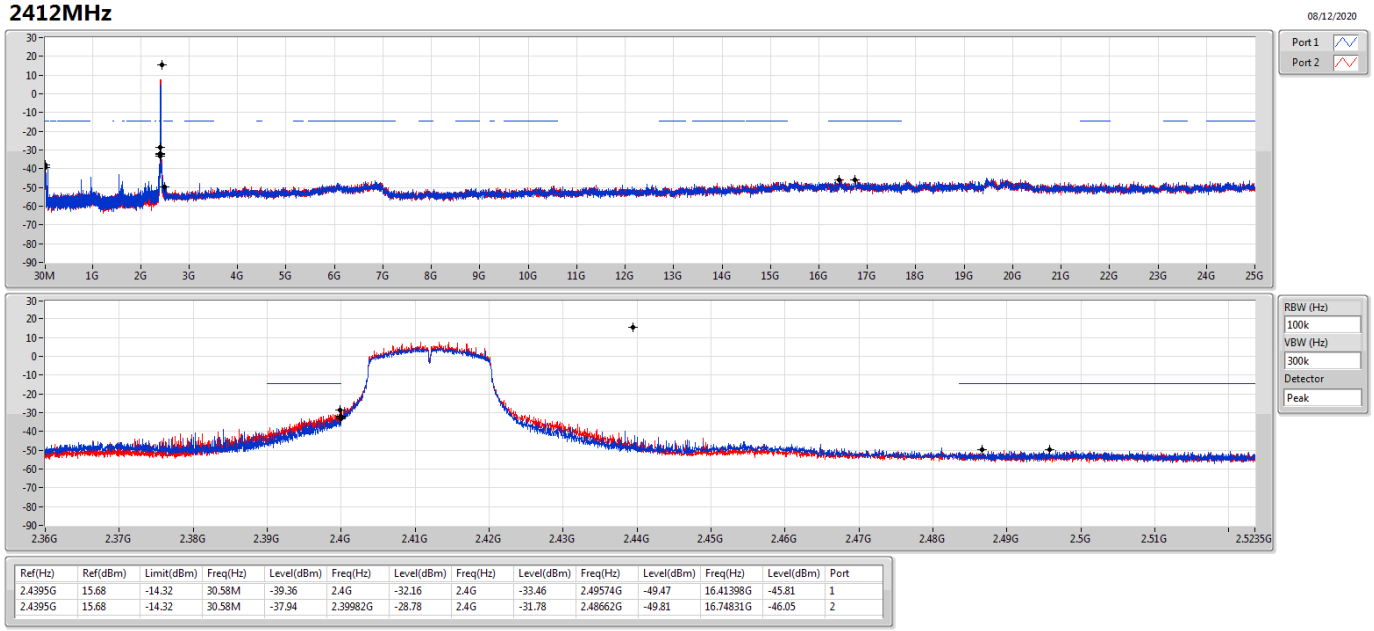
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43549G	14.81	-15.19	30.58M	-39.09	2.39858G	-49.18	2.4835G	-46.55	2.48798G	-43.46	6.98789G	-46.25	1
2.43549G	14.81	-15.19	1.64149G	-31.77	2.39014G	-48.14	2.4835G	-46.78	2.48792G	-42.54	3.28208G	-44.90	2

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

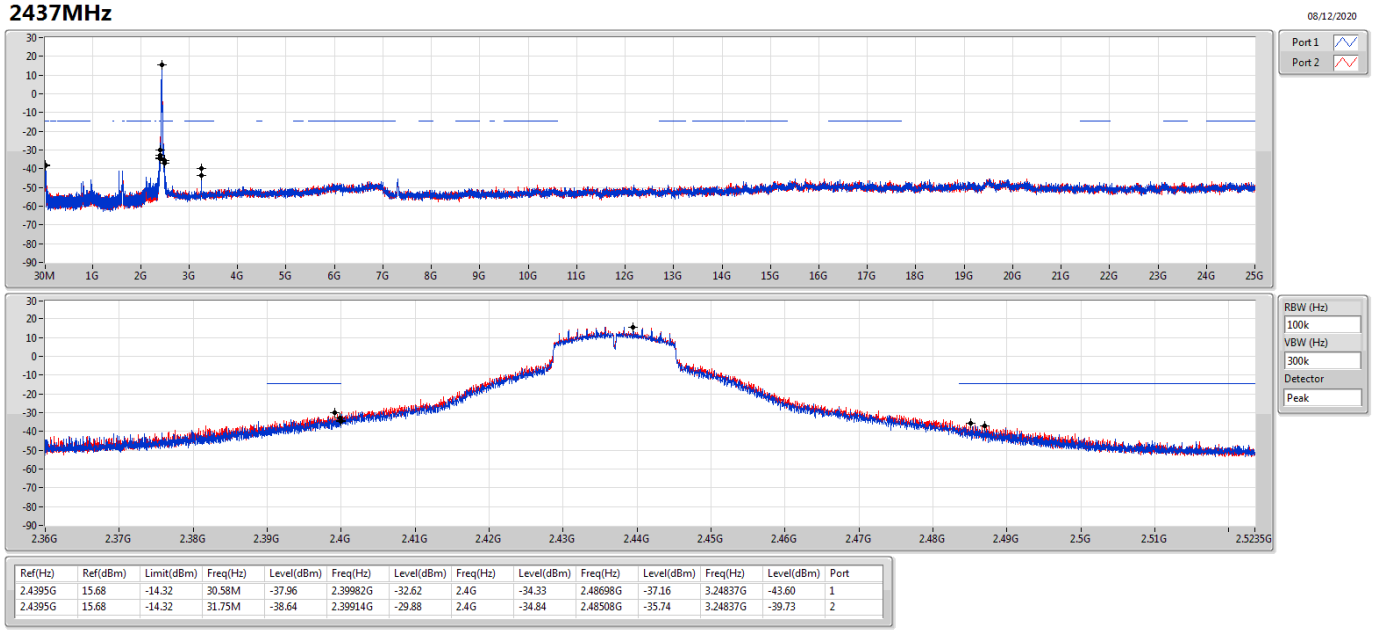
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4395G	15.68	-14.32	30.58M	-39.36	2.4G	-32.16	2.4G	-33.46	2.49574G	-49.47	16.41398G	-45.81	1
2.4395G	15.68	-14.32	30.58M	-37.94	2.39982G	-28.78	2.4G	-31.78	2.48662G	-49.81	16.74831G	-46.05	2

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

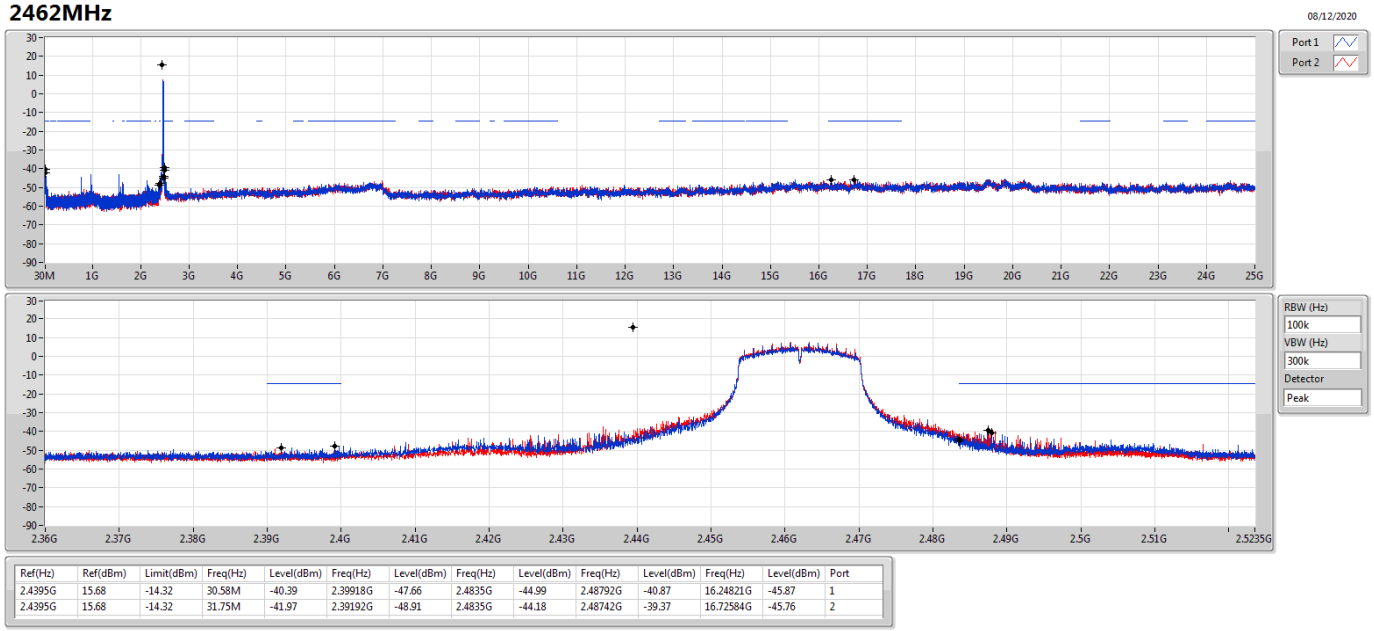
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4395G	15.68	-14.32	30.58M	-37.96	2.39982G	-32.62	2.4G	-34.33	2.48698G	-37.16	3.24837G	-43.60	1
2.4395G	15.68	-14.32	31.75M	-38.64	2.39914G	-29.88	2.4G	-34.84	2.48508G	-35.74	3.24837G	-39.73	2

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

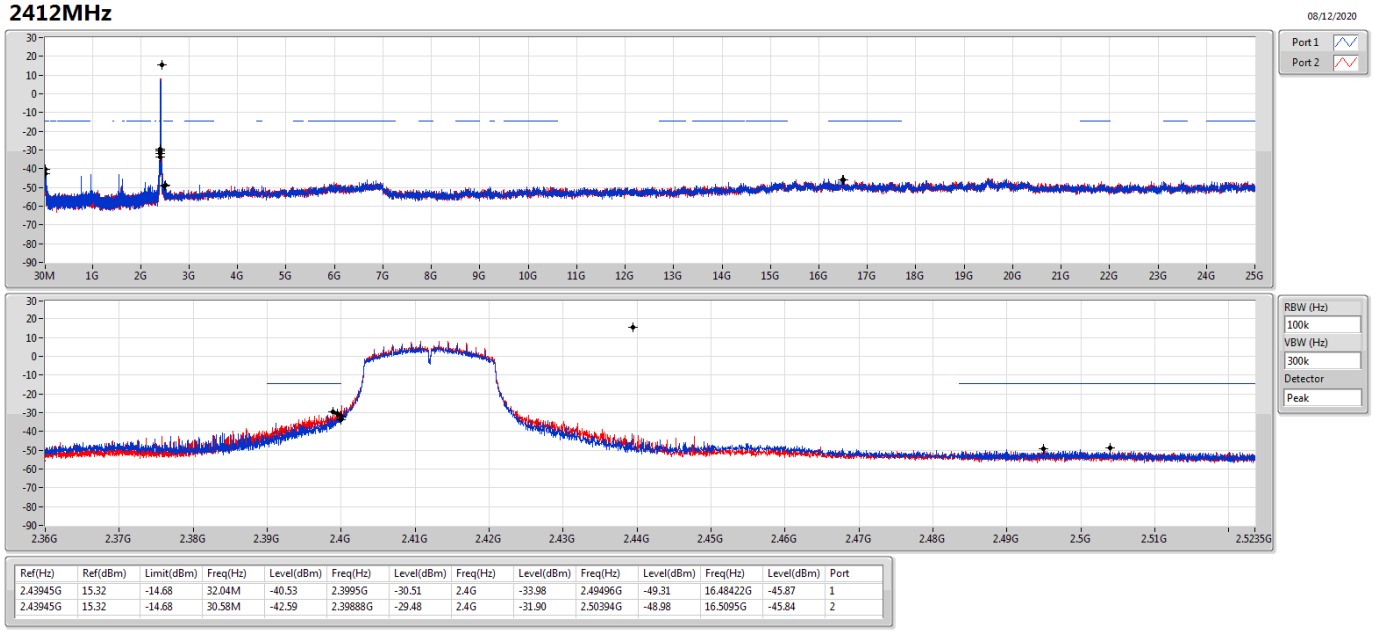
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4395G	15.68	-14.32	30.58M	-40.39	2.39918G	-47.66	2.4835G	-44.99	2.48792G	-40.87	16.24821G	-45.87	1
2.4395G	15.68	-14.32	31.75M	-41.97	2.39192G	-48.91	2.4835G	-44.18	2.48742G	-39.37	16.72584G	-45.76	2

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

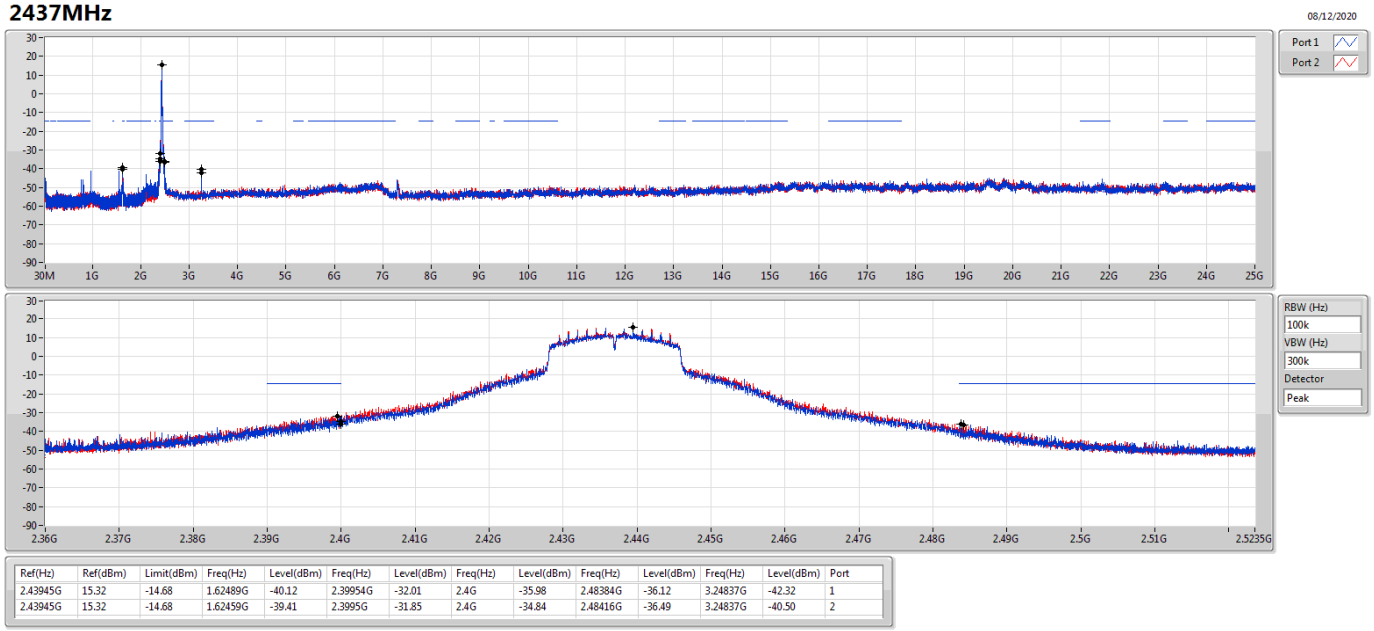
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43945G	15.32	-14.68	32.04M	-40.53	2.3995G	-30.51	2.4G	-33.98	2.49496G	-49.31	16.48422G	-45.87	1
2.43945G	15.32	-14.68	30.58M	-42.59	2.39888G	-29.48	2.4G	-31.90	2.50394G	-48.98	16.5095G	-45.84	2

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

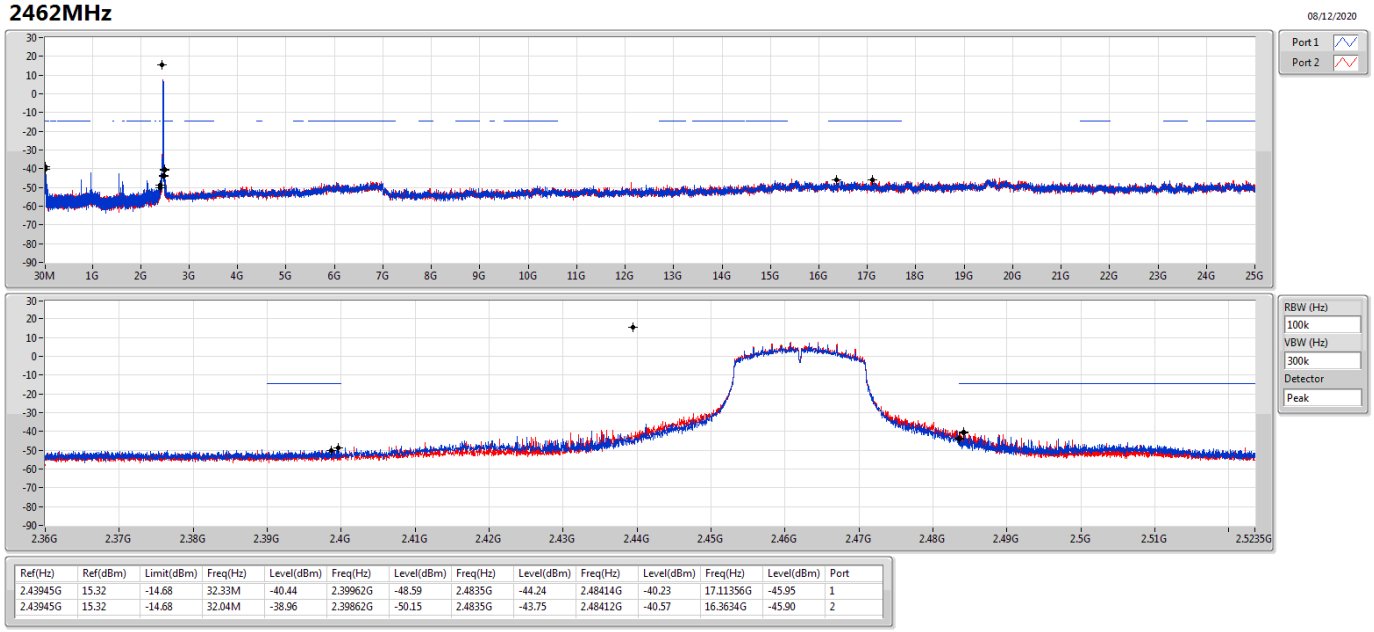
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43945G	15.32	-14.68	1.62489G	-40.12	2.39954G	-32.01	2.4G	-35.98	2.48384G	-36.12	3.24837G	-42.32	1
2.43945G	15.32	-14.68	1.62459G	-39.41	2.3995G	-31.85	2.4G	-34.84	2.48416G	-36.49	3.24837G	-40.50	2

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

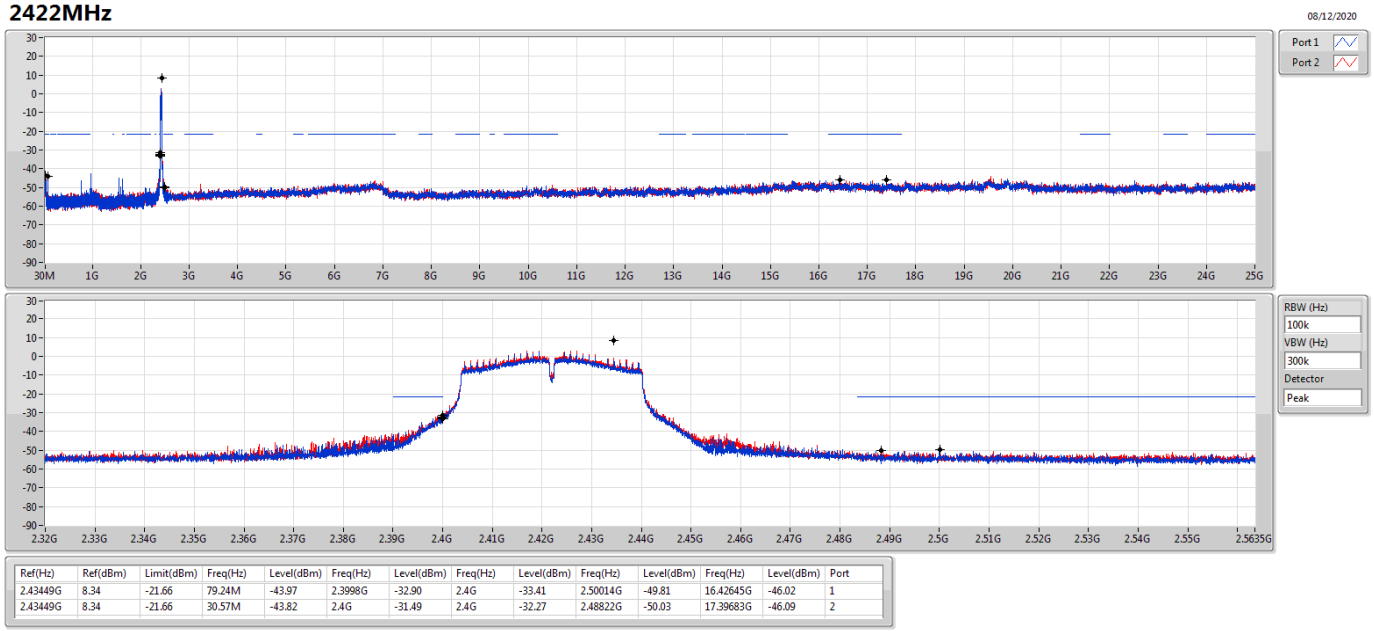
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43945G	15.32	-14.68	32.33M	-40.44	2.39962G	-48.59	2.4835G	-44.24	2.48414G	-40.23	17.11356G	-45.95	1
2.43945G	15.32	-14.68	32.04M	-38.96	2.39862G	-50.15	2.4835G	-43.75	2.48412G	-40.57	16.3634G	-45.90	2

802.11n HT40_Nss1,(MCS0)_2TX **CSE NdB**

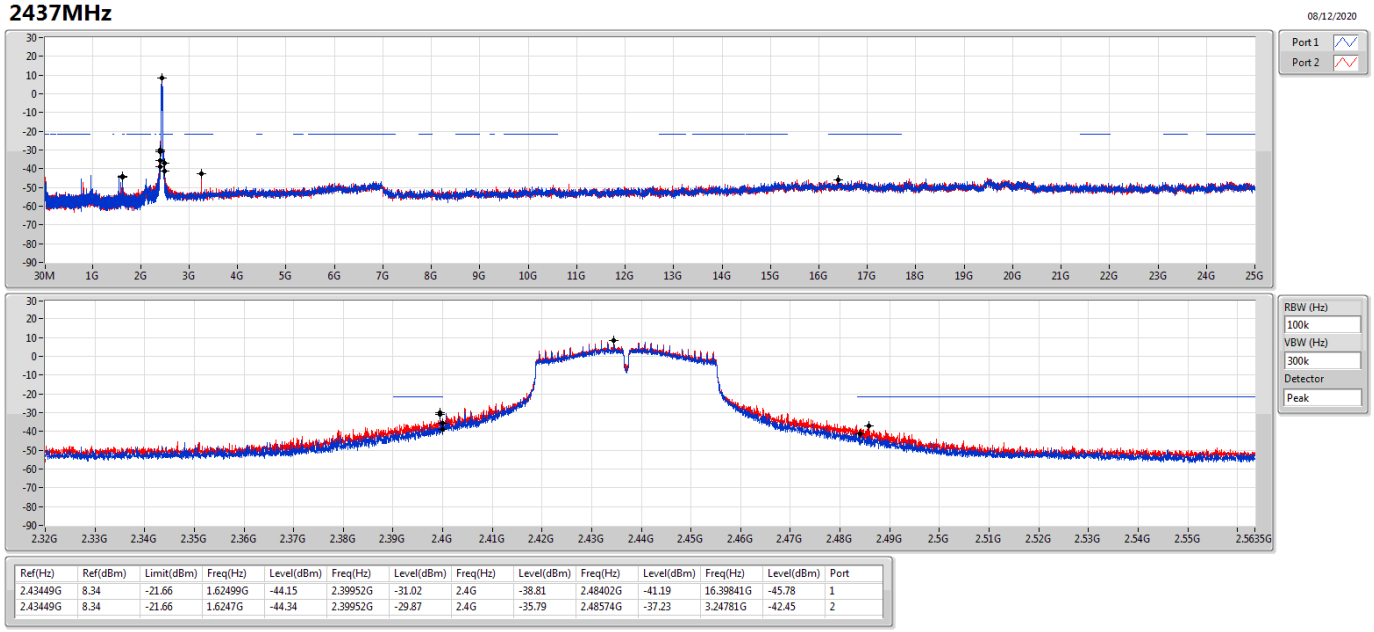
2422MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43449G	8.34	-21.66	79.24M	-43.97	2.3998G	-32.90	2.4G	-33.41	2.50014G	-49.81	16.42645G	-46.02	1
2.43449G	8.34	-21.66	30.57M	-43.82	2.4G	-31.49	2.4G	-32.27	2.48822G	-50.03	17.39683G	-46.09	2

802.11n HT40_Nss1,(MCS0)_2TX **CSE NdB**

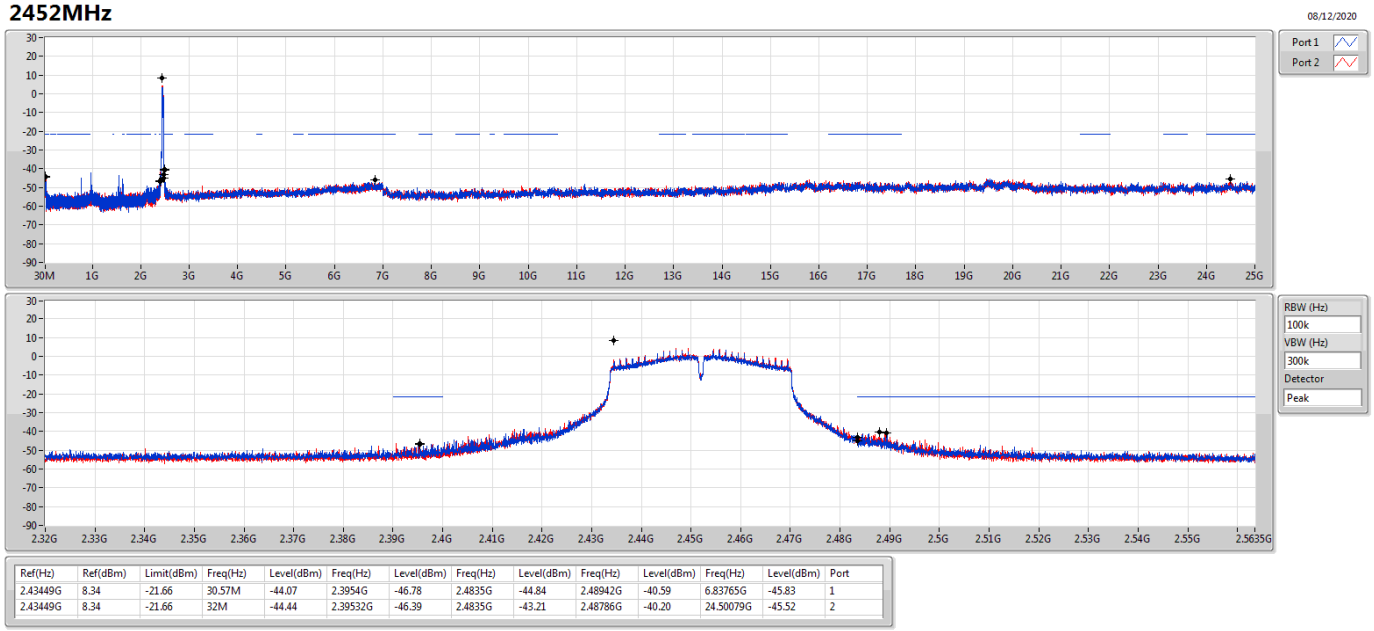
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43449G	8.34	-21.66	1.62499G	-44.15	2.39952G	-31.02	2.4G	-38.81	2.48402G	-41.19	16.39841G	-45.78	1
2.43449G	8.34	-21.66	1.6247G	-44.34	2.39952G	-29.87	2.4G	-35.79	2.48574G	-37.23	3.24781G	-42.45	2

802.11n HT40_Nss1,(MCS0)_2TX **CSE NdB**

2452MHz



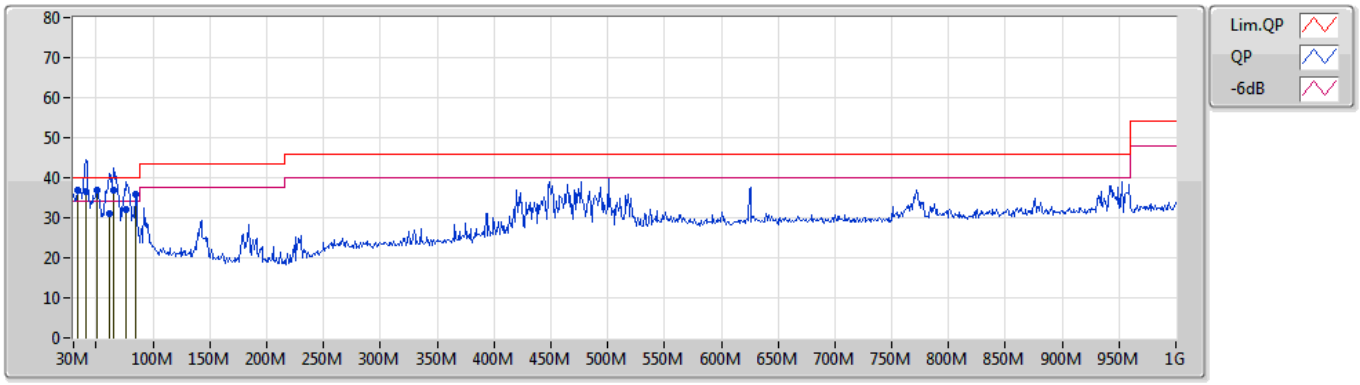
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43449G	8.34	-21.66	30.57M	-44.07	2.3954G	-46.78	2.4835G	-44.84	2.48942G	-40.59	6.83765G	-45.83	1
2.43449G	8.34	-21.66	32M	-44.44	2.39532G	-46.39	2.4835G	-43.21	2.48786G	-40.20	24.50079G	-45.52	2

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 2	Pass	QP	64.92M	36.97	40.00	-3.03	Vertical

Mode 2

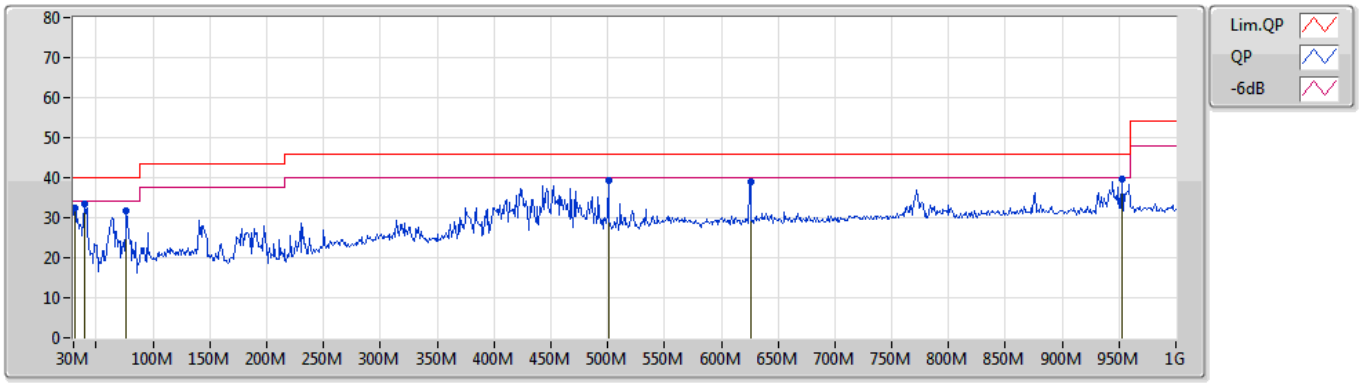
10/12/2020



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/m)	(dB/m)	(dB)	(dB)
PK	33.88M	36.95	40.00	-3.05	-5.71	3	Vertical	0	1.00	-	42.66	22.54	0.20	28.45
QP	40.67M	36.63	40.00	-3.37	-9.26	3	Vertical	303	1.00	-	45.89	18.99	0.31	28.56
PK	50.37M	36.75	40.00	-3.25	-14.07	3	Vertical	83	1.25	-	50.82	14.20	0.40	28.67
QP	62.01M	31.08	40.00	-8.92	-15.62	3	Vertical	347	1.00	-	46.70	12.42	0.50	28.54
QP	64.92M	36.97	40.00	-3.03	-15.66	3	Vertical	0	2.00	"Worst"	52.63	12.37	0.50	28.53
QP	75.59M	31.95	40.00	-8.05	-15.41	3	Vertical	3	1.25	-	47.36	12.62	0.60	28.63
PK	84.32M	35.77	40.00	-4.23	-14.19	3	Vertical	210	1.00	-	49.96	13.72	0.69	28.60

Mode 2

10/12/2020



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/m)	(dB/m)	(dB)	(dB)
PK	30.97M	32.52	40.00	-7.48	-4.46	3	Horizontal	276	2.00	-	36.98	23.78	0.20	28.44
PK	39.7M	33.38	40.00	-6.62	-8.83	3	Horizontal	339	1.00	-	42.21	19.42	0.29	28.54
PK	76.56M	31.89	40.00	-8.11	-15.36	3	Horizontal	240	2.00	-	47.25	12.67	0.60	28.63
PK	500.45M	39.35	46.00	-6.65	-3.21	3	Horizontal	207	1.50	-	42.56	23.53	2.50	29.24
PK	625.58M	38.81	46.00	-7.19	-1.29	3	Horizontal	200	1.25	-	40.10	25.37	2.80	29.46
PK	952.47M	39.82	46.00	-6.18	1.78	3	Horizontal	248	2.00	"Worst"	38.04	26.80	3.51	28.53

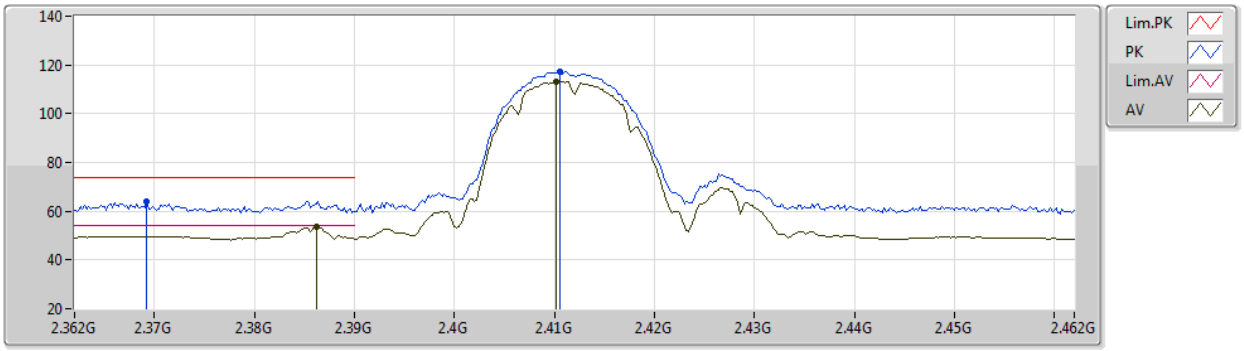
Summary

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	2.3848G	73.98	74.00	-0.02	3	Vertical	115	2.19	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

24/09/2020



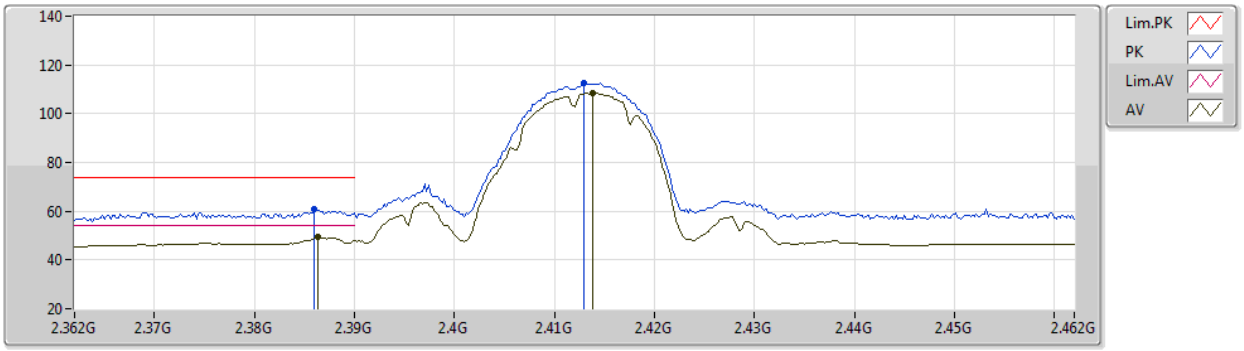
EUT Y_2TX
Setting 23
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3692G	64.00	74.00	-10.00	31.92	3	Vertical	112	1.98	-	28.10	3.98	-
AV	2.3862G	53.45	54.00	-0.55	21.36	3	Vertical	112	1.98	-	28.10	3.99	-
PK	2.4106G	117.22	Inf	-Inf	85.08	3	Vertical	112	1.98	-	28.12	4.02	-
AV	2.4102G	113.31	Inf	-Inf	81.17	3	Vertical	112	1.98	-	28.12	4.02	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

24/09/2020



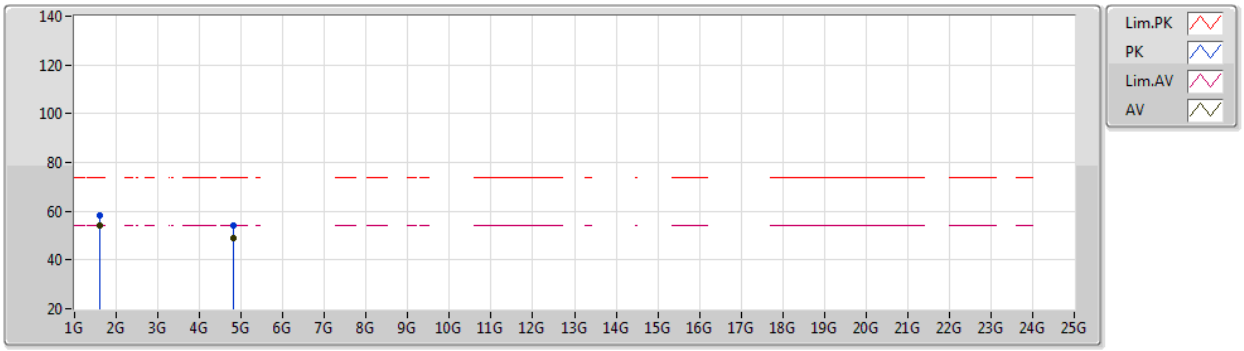
EUT Y_2TX
Setting 23
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.386G	60.70	74.00	-13.30	28.61	3	Horizontal	81	2.75	-	28.10	3.99	-
AV	2.3864G	49.24	54.00	-4.76	17.15	3	Horizontal	81	2.75	-	28.10	3.99	-
PK	2.413G	112.39	Inf	-Inf	80.24	3	Horizontal	81	2.75	-	28.13	4.02	-
AV	2.4138G	108.57	Inf	-Inf	76.42	3	Horizontal	81	2.75	-	28.13	4.02	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

24/09/2020



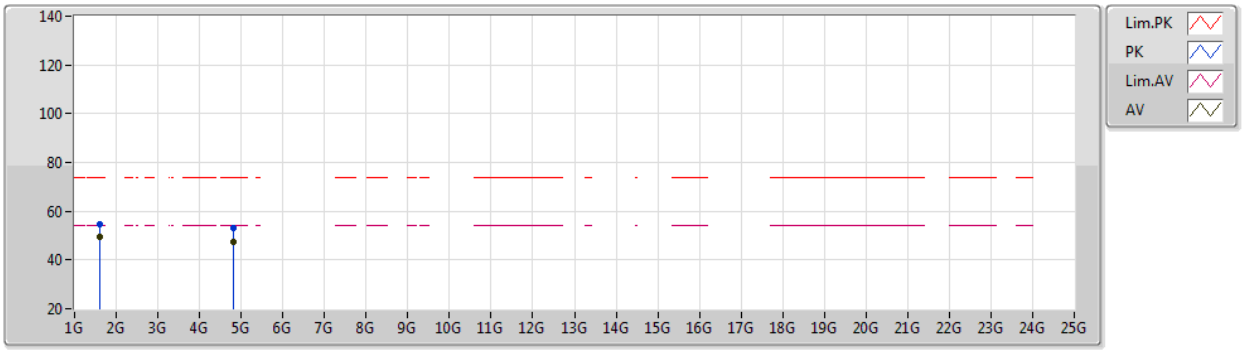
EUT Y_2TX
Setting 23
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	1.60802G	58.25	74.00	-15.75	63.84	3	Vertical	71	1.00	-	25.46	3.51	34.56
AV	1.60797G	53.91	54.00	-0.09	59.50	3	Vertical	71	1.00	-	25.46	3.51	34.56
PK	4.82397G	54.00	74.00	-20.00	49.49	3	Vertical	122	2.28	-	33.30	6.51	35.30
AV	4.82395G	49.20	54.00	-4.80	44.69	3	Vertical	122	2.28	-	33.30	6.51	35.30

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

24/09/2020



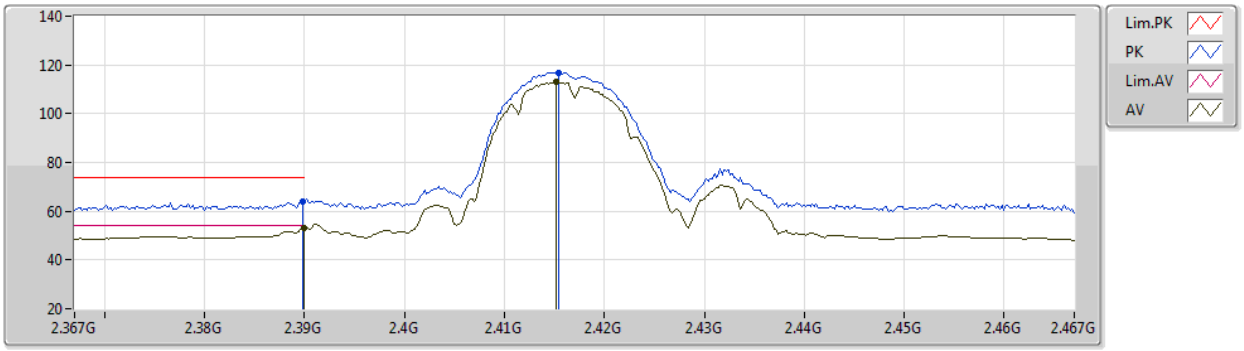
EUT Y_2TX
Setting 23
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	1.6079G	54.62	74.00	-19.38	60.21	3	Horizontal	254	1.99	-	25.46	3.51	34.56
AV	1.608G	49.66	54.00	-4.34	55.25	3	Horizontal	254	1.99	-	25.46	3.51	34.56
PK	4.82399G	53.00	74.00	-21.00	48.49	3	Horizontal	124	1.80	-	33.30	6.51	35.30
AV	4.82398G	47.26	54.00	-6.74	42.75	3	Horizontal	124	1.80	-	33.30	6.51	35.30

802.11b_Nss1,(1Mbps)_2TX

2417MHz_TX

24/09/2020



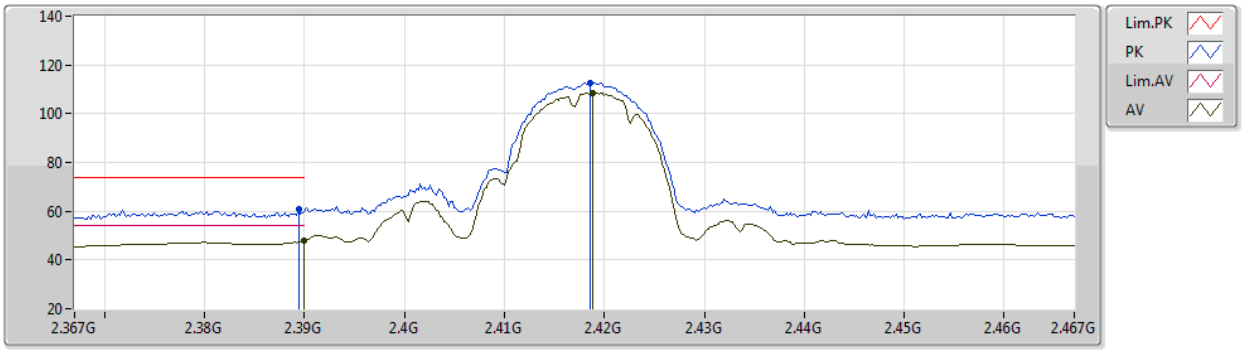
EUT Y_2TX
Setting 23
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3898G	63.94	74.00	-10.06	31.85	3	Vertical	105	1.80	-	28.10	3.99	-
AV	2.39G	52.85	54.00	-1.15	20.75	3	Vertical	105	1.80	-	28.10	4.00	-
PK	2.4154G	116.89	Inf	-Inf	84.74	3	Vertical	105	1.80	-	28.13	4.02	-
AV	2.4152G	113.01	Inf	-Inf	80.86	3	Vertical	105	1.80	-	28.13	4.02	-

802.11b_Nss1,(1Mbps)_2TX

2417MHz_TX

24/09/2020



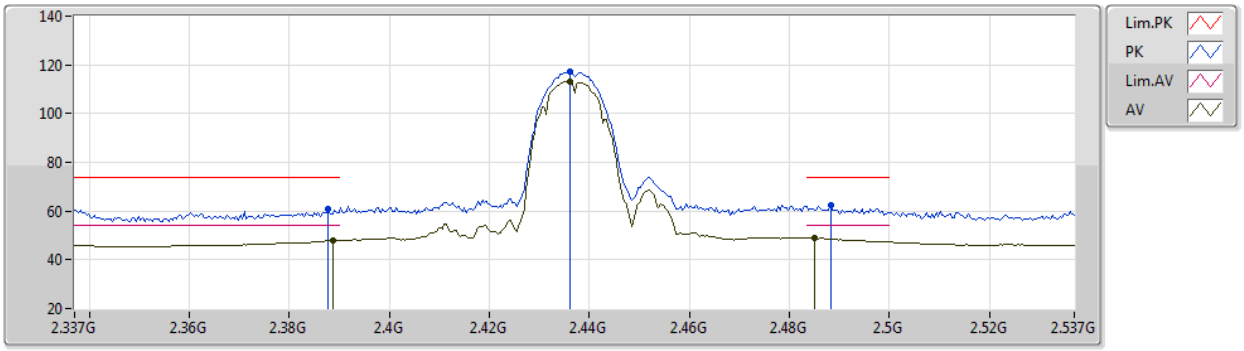
EUT Y_2TX
Setting 23
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3894G	61.05	74.00	-12.95	28.96	3	Horizontal	84	2.53	-	28.10	3.99	-
AV	2.39G	48.00	54.00	-6.00	15.90	3	Horizontal	84	2.53	-	28.10	4.00	-
PK	2.4186G	112.59	Inf	-Inf	80.42	3	Horizontal	84	2.53	-	28.14	4.03	-
AV	2.4188G	108.66	Inf	-Inf	76.49	3	Horizontal	84	2.53	-	28.14	4.03	-

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

24/09/2020



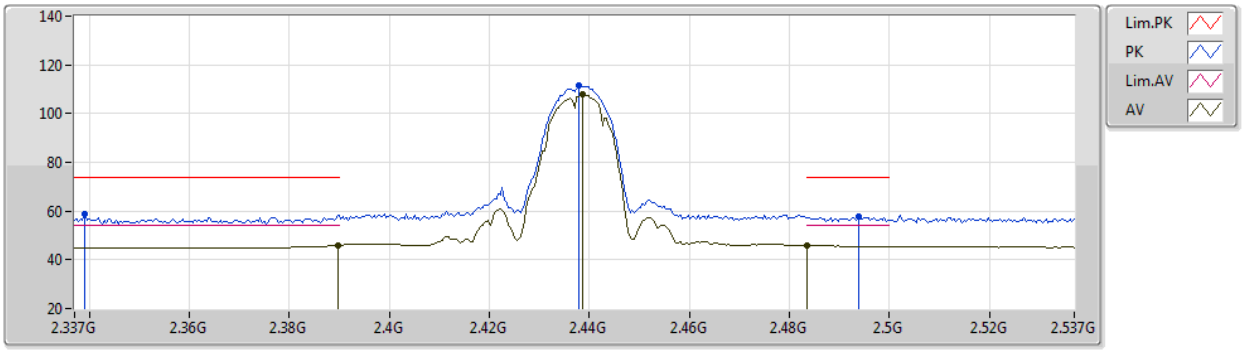
EUT Y_2TX
Setting 23
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3878G	60.91	74.00	-13.09	28.82	3	Vertical	115	2.13	-	28.10	3.99	-
AV	2.3886G	47.98	54.00	-6.02	15.89	3	Vertical	115	2.13	-	28.10	3.99	-
PK	2.4362G	117.07	Inf	-Inf	84.85	3	Vertical	115	2.13	-	28.17	4.05	-
AV	2.4362G	113.11	Inf	-Inf	80.89	3	Vertical	115	2.13	-	28.17	4.05	-
PK	2.4882G	62.47	74.00	-11.53	29.91	3	Vertical	115	2.13	-	28.43	4.13	-
AV	2.485G	48.99	54.00	-5.01	16.45	3	Vertical	115	2.13	-	28.41	4.13	-

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

24/09/2020



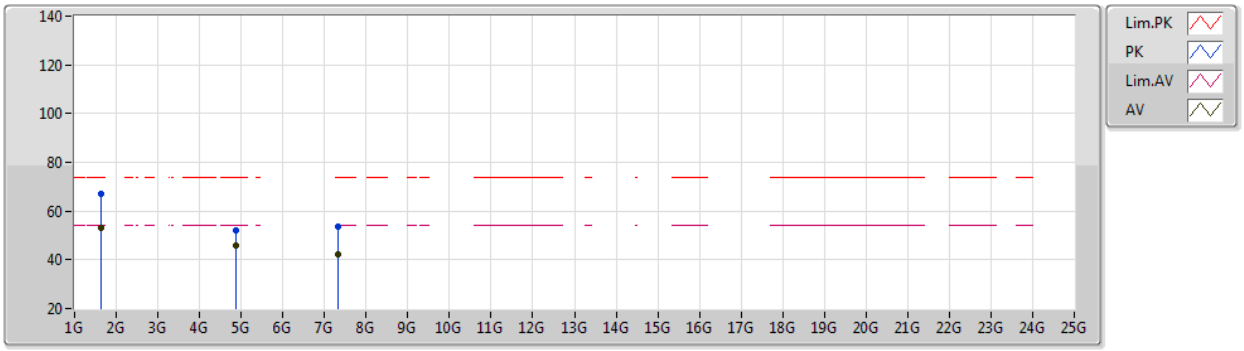
EUT Y_2TX
Setting 23
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.339G	58.70	74.00	-15.30	26.67	3	Horizontal	81	2.25	-	28.06	3.97	-
AV	2.3898G	45.94	54.00	-8.06	13.85	3	Horizontal	81	2.25	-	28.10	3.99	-
PK	2.4378G	111.33	Inf	-Inf	79.09	3	Horizontal	81	2.25	-	28.18	4.06	-
AV	2.4386G	107.78	Inf	-Inf	75.54	3	Horizontal	81	2.25	-	28.18	4.06	-
PK	2.4938G	57.67	74.00	-16.33	25.07	3	Horizontal	81	2.25	-	28.46	4.14	-
AV	2.4835G	45.91	54.00	-8.09	13.38	3	Horizontal	81	2.25	-	28.40	4.13	-

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

24/09/2020



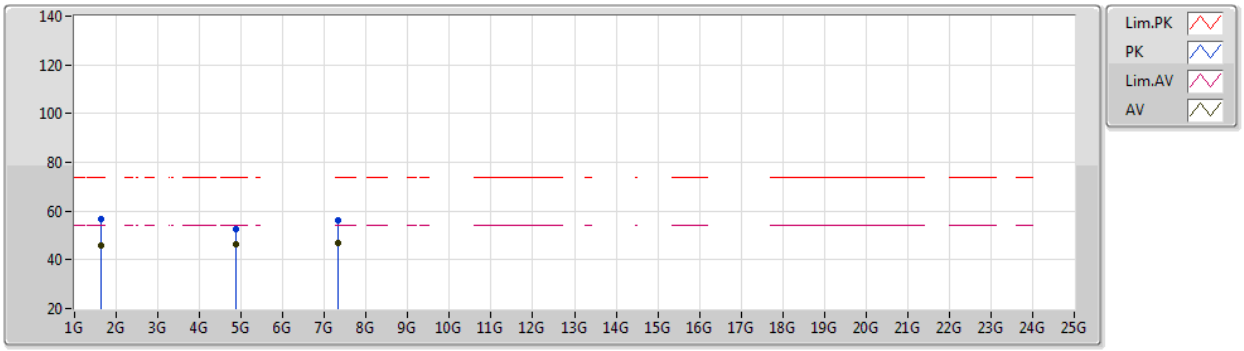
EUT Y_2TX
Setting 23
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	1.62484G	67.30	74.00	-6.70	72.73	3	Vertical	77	1.00	-	25.60	3.54	34.57
AV	1.62465G	53.32	54.00	-0.68	58.75	3	Vertical	77	1.00	-	25.60	3.54	34.57
PK	4.87406G	51.82	74.00	-22.18	47.14	3	Vertical	126	1.78	-	33.50	6.54	35.36
AV	4.87397G	45.83	54.00	-8.17	41.15	3	Vertical	126	1.78	-	33.50	6.54	35.36
PK	7.31192G	53.63	74.00	-20.37	44.11	3	Vertical	111	2.58	-	36.75	8.16	35.39
AV	7.3117G	42.08	54.00	-11.92	32.56	3	Vertical	111	2.58	-	36.75	8.16	35.39

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

24/09/2020



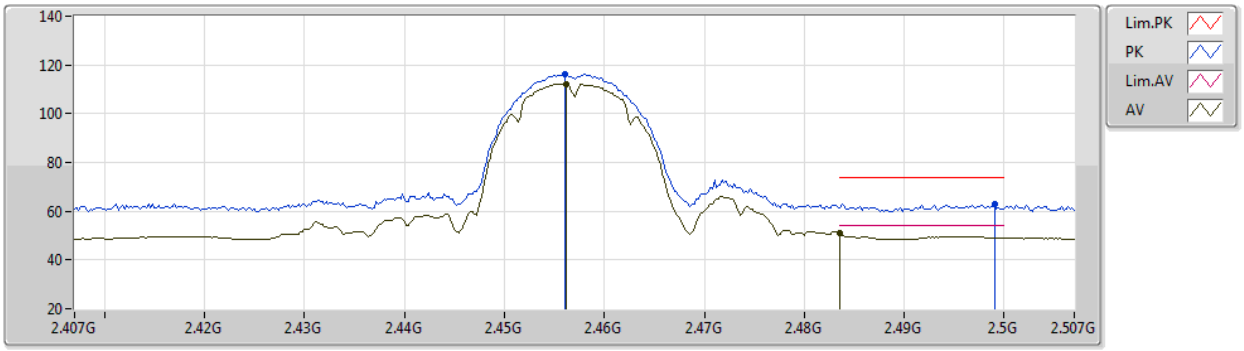
EUT Y_2TX
Setting 23
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	1.6249G	56.61	74.00	-17.39	62.04	3	Horizontal	254	1.64	-	25.60	3.54	34.57
AV	1.6249G	45.83	54.00	-8.17	51.26	3	Horizontal	254	1.64	-	25.60	3.54	34.57
PK	4.87398G	52.65	74.00	-21.35	47.97	3	Horizontal	134	1.00	-	33.50	6.54	35.36
AV	4.87398G	46.42	54.00	-7.58	41.74	3	Horizontal	134	1.00	-	33.50	6.54	35.36
PK	7.3114G	56.35	74.00	-17.65	46.83	3	Horizontal	157	2.47	-	36.75	8.16	35.39
AV	7.3117G	46.98	54.00	-7.02	37.46	3	Horizontal	157	2.47	-	36.75	8.16	35.39

802.11b_Nss1,(1Mbps)_2TX

2457MHz_TX

24/09/2020



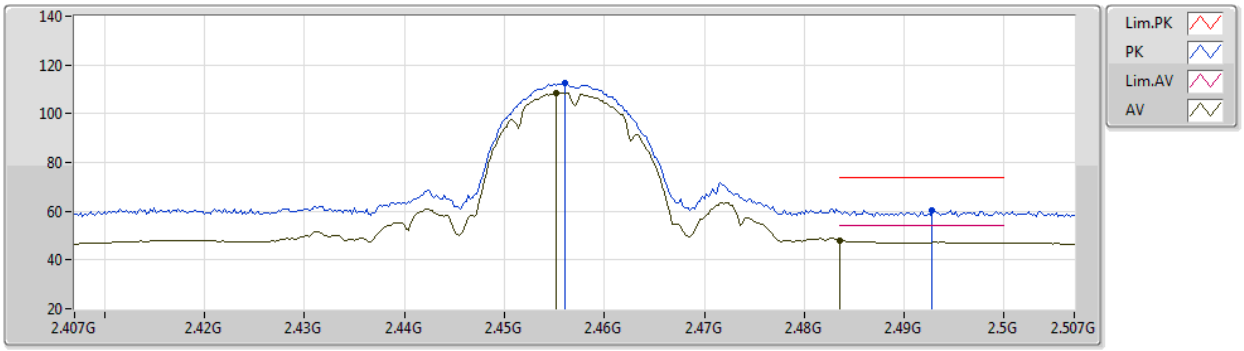
EUT Y_2TX
Setting 23
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.456G	116.31	Inf	-Inf	83.99	3	Vertical	66	1.95	-	28.24	4.08	-
AV	2.4562G	112.27	Inf	-Inf	79.95	3	Vertical	66	1.95	-	28.24	4.08	-
PK	2.499G	62.89	74.00	-11.11	30.25	3	Vertical	66	1.95	-	28.49	4.15	-
AV	2.4835G	51.10	54.00	-2.90	18.57	3	Vertical	66	1.95	-	28.40	4.13	-

802.11b_Nss1,(1Mbps)_2TX

2457MHz_TX

24/09/2020



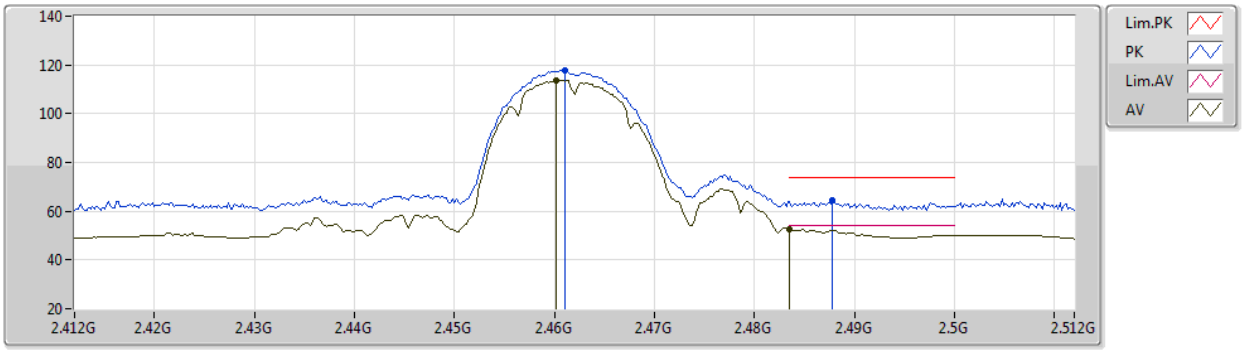
EUT Y_2TX
Setting 23
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.456G	112.47	Inf	-Inf	80.15	3	Horizontal	115	2.51	-	28.24	4.08	-
AV	2.4552G	108.64	Inf	-Inf	76.33	3	Horizontal	115	2.51	-	28.23	4.08	-
PK	2.4928G	60.51	74.00	-13.49	27.91	3	Horizontal	115	2.51	-	28.46	4.14	-
AV	2.4836G	48.18	54.00	-5.82	15.65	3	Horizontal	115	2.51	-	28.40	4.13	-

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

24/09/2020



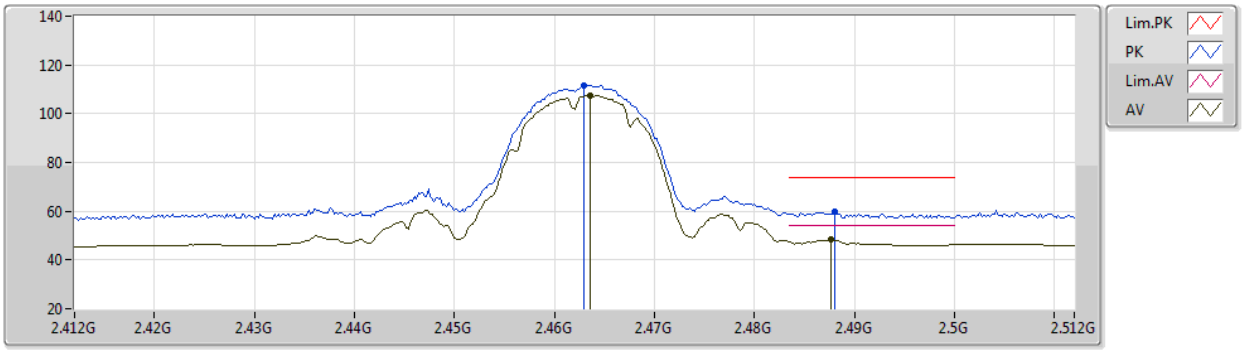
EUT Y_2TX
Setting 23
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.461G	117.69	Inf	-Inf	85.33	3	Vertical	114	2.18	-	28.27	4.09	-
AV	2.4602G	113.72	Inf	-Inf	81.37	3	Vertical	114	2.18	-	28.26	4.09	-
PK	2.4878G	64.41	74.00	-9.59	31.85	3	Vertical	114	2.18	-	28.43	4.13	-
AV	2.4835G	52.55	54.00	-1.45	20.02	3	Vertical	114	2.18	-	28.40	4.13	-

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

24/09/2020



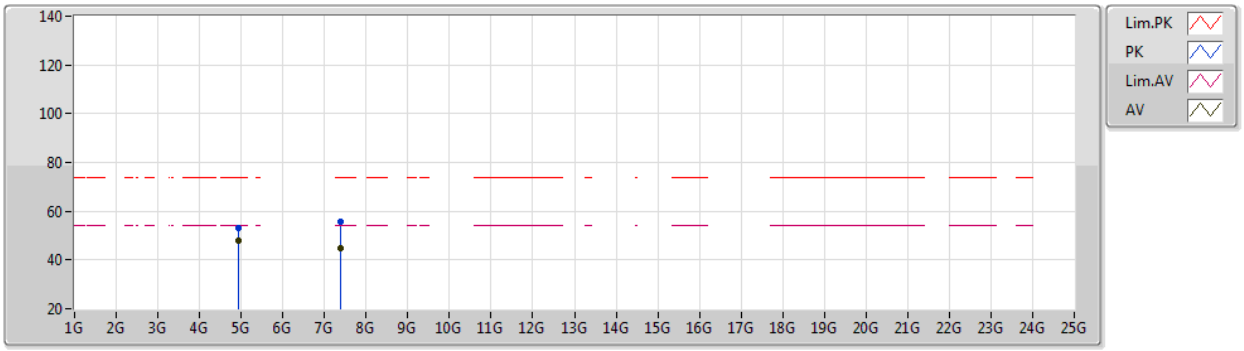
EUT Y_2TX
Setting 23
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.463G	111.51	Inf	-Inf	79.14	3	Horizontal	80	2.69	-	28.28	4.09	-
AV	2.4636G	107.67	Inf	-Inf	75.29	3	Horizontal	80	2.69	-	28.28	4.10	-
PK	2.488G	59.71	74.00	-14.29	27.15	3	Horizontal	80	2.69	-	28.43	4.13	-
AV	2.4876G	48.21	54.00	-5.79	15.65	3	Horizontal	80	2.69	-	28.43	4.13	-

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

24/09/2020



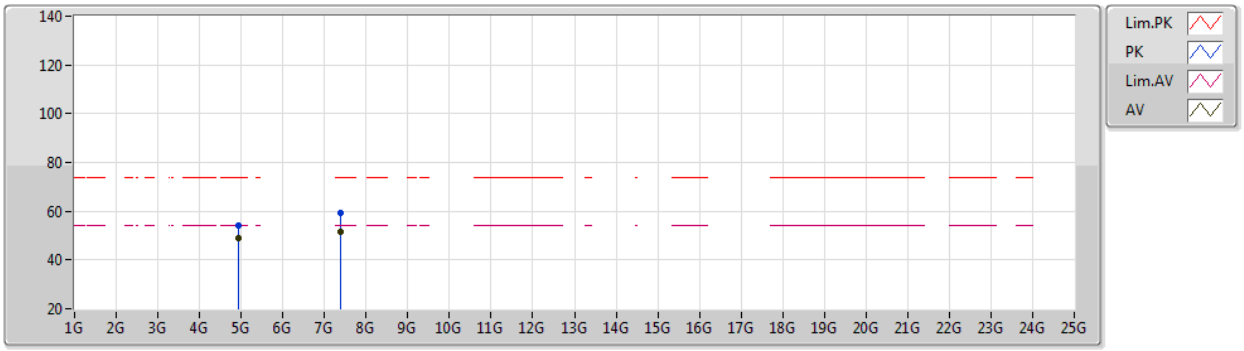
EUT Y_2TX
Setting 23
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92399G	53.17	74.00	-20.83	48.52	3	Vertical	112	2.17	-	33.50	6.56	35.41
AV	4.92398G	48.12	54.00	-5.88	43.47	3	Vertical	112	2.17	-	33.50	6.56	35.41
PK	7.38638G	55.67	74.00	-18.33	46.06	3	Vertical	83	1.77	-	36.83	8.19	35.41
AV	7.38522G	44.83	54.00	-9.17	35.22	3	Vertical	83	1.77	-	36.83	8.19	35.41

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

24/09/2020



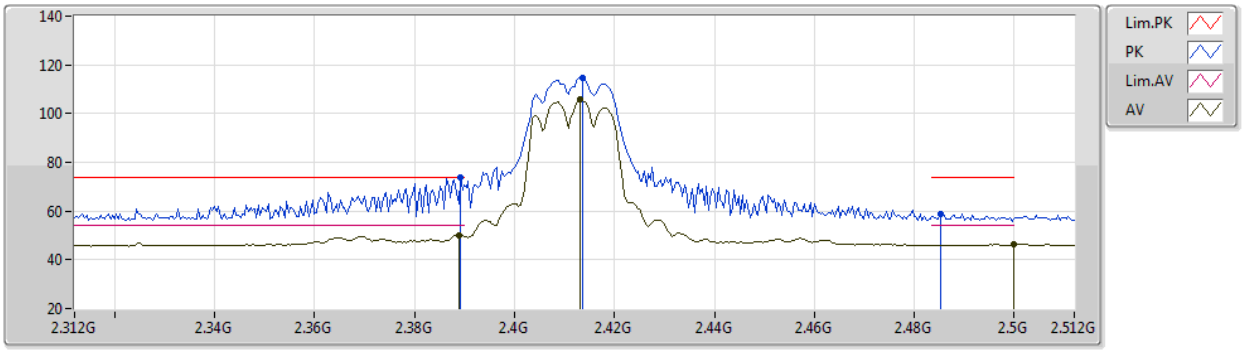
EUT Y_2TX
Setting 23
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92398G	53.98	74.00	-20.02	49.33	3	Horizontal	143	1.02	-	33.50	6.56	35.41
AV	4.92394G	49.07	54.00	-4.93	44.42	3	Horizontal	143	1.02	-	33.50	6.56	35.41
PK	7.38688G	59.38	74.00	-14.62	49.77	3	Horizontal	137	2.45	-	36.83	8.19	35.41
AV	7.3867G	51.47	54.00	-2.53	41.86	3	Horizontal	137	2.45	-	36.83	8.19	35.41

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

24/09/2020



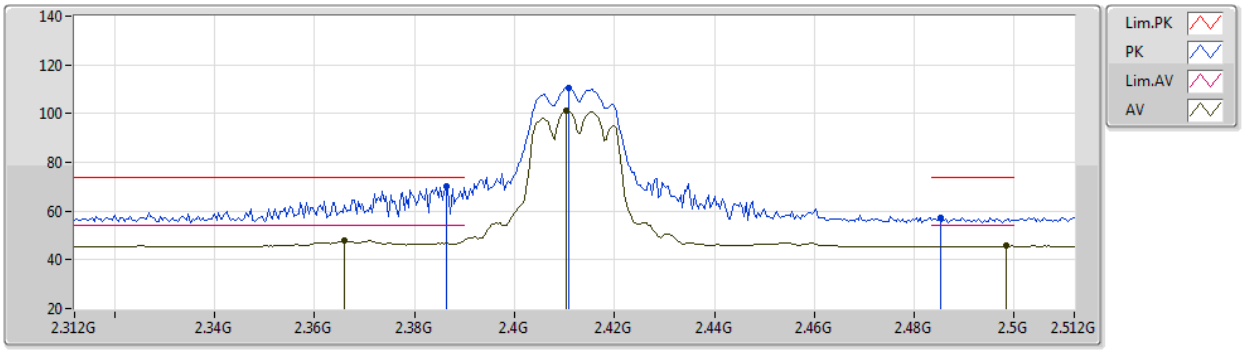
EUT Y_2TX
Setting 17.5
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3892G	73.80	74.00	-0.20	41.71	3	Vertical	98	2.48	-	28.10	3.99	-
AV	2.3888G	50.13	54.00	-3.87	18.04	3	Vertical	98	2.48	-	28.10	3.99	-
PK	2.4136G	114.69	Inf	-Inf	82.54	3	Vertical	98	2.48	-	28.13	4.02	-
AV	2.4132G	105.63	Inf	-Inf	73.48	3	Vertical	98	2.48	-	28.13	4.02	-
PK	2.4852G	58.96	74.00	-15.04	26.42	3	Vertical	98	2.48	-	28.41	4.13	-
AV	2.5G	46.43	54.00	-7.57	13.78	3	Vertical	98	2.48	-	28.50	4.15	-

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

24/09/2020



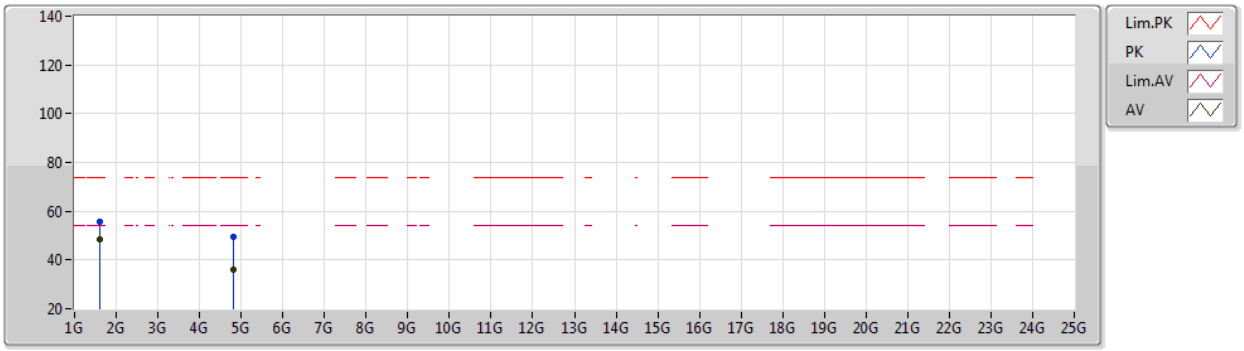
EUT Y_2TX
Setting 17.5
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3864G	70.14	74.00	-3.86	38.05	3	Horizontal	101	2.28	-	28.10	3.99	-
AV	2.366G	47.99	54.00	-6.01	15.91	3	Horizontal	101	2.28	-	28.10	3.98	-
PK	2.4108G	110.52	Inf	-Inf	78.38	3	Horizontal	101	2.28	-	28.12	4.02	-
AV	2.4104G	101.15	Inf	-Inf	69.01	3	Horizontal	101	2.28	-	28.12	4.02	-
PK	2.4852G	57.23	74.00	-16.77	24.69	3	Horizontal	101	2.28	-	28.41	4.13	-
AV	2.4984G	45.73	54.00	-8.27	13.09	3	Horizontal	101	2.28	-	28.49	4.15	-

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

24/09/2020



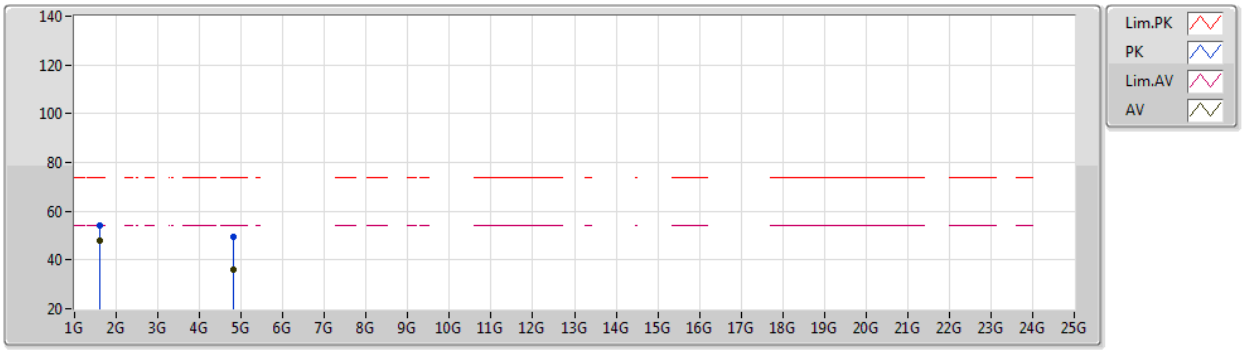
EUT Y_2TX
Setting 17.5
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	1.60808G	55.51	74.00	-18.49	61.10	3	Vertical	84	1.00	-	25.46	3.51	34.56
AV	1.60802G	48.69	54.00	-5.31	54.28	3	Vertical	84	1.00	-	25.46	3.51	34.56
PK	4.82726G	49.46	74.00	-24.54	44.95	3	Vertical	112	2.21	-	33.31	6.51	35.31
AV	4.82522G	35.87	54.00	-18.13	31.36	3	Vertical	112	2.21	-	33.30	6.51	35.30

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

24/09/2020



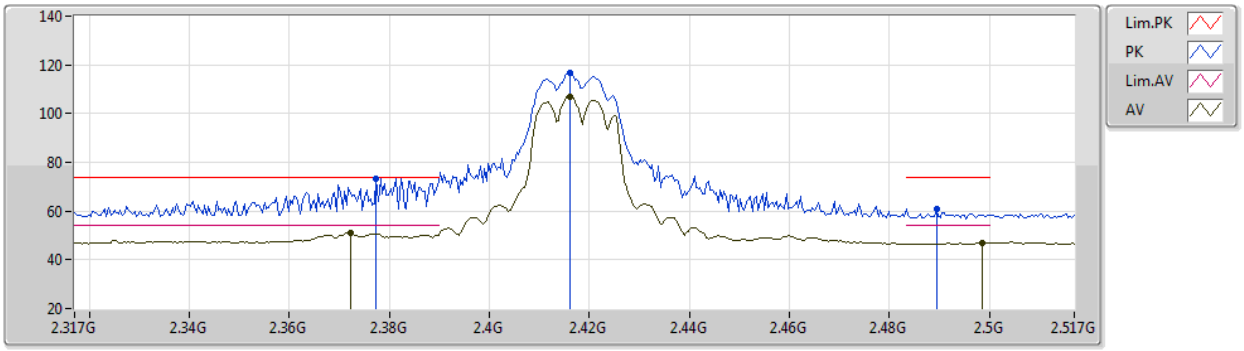
EUT Y_2TX
Setting 17.5
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	1.6082G	54.06	74.00	-19.94	59.64	3	Horizontal	248	2.00	-	25.47	3.51	34.56
AV	1.60802G	47.83	54.00	-6.17	53.42	3	Horizontal	248	2.00	-	25.46	3.51	34.56
PK	4.82468G	49.34	74.00	-24.66	44.83	3	Horizontal	102	1.80	-	33.30	6.51	35.30
AV	4.82327G	35.78	54.00	-18.22	31.28	3	Horizontal	102	1.80	-	33.29	6.51	35.30

802.11g_Nss1,(6Mbps)_2TX

2417MHz_TX

24/09/2020



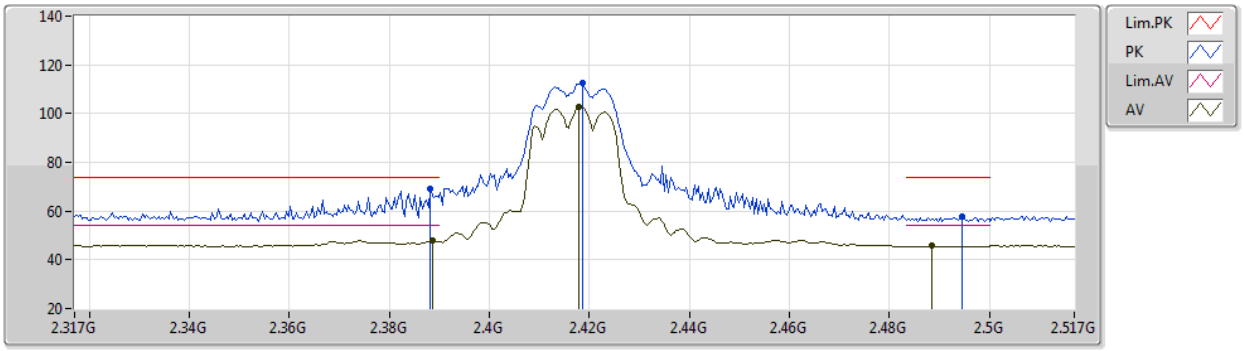
EUT Y_2TX
Setting 19.5
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3774G	73.51	74.00	-0.49	41.42	3	Vertical	91	2.52	-	28.10	3.99	-
AV	2.3722G	51.06	54.00	-2.94	18.97	3	Vertical	91	2.52	-	28.10	3.99	-
PK	2.4162G	116.67	Inf	-Inf	84.52	3	Vertical	91	2.52	-	28.13	4.02	-
AV	2.4162G	107.12	Inf	-Inf	74.97	3	Vertical	91	2.52	-	28.13	4.02	-
PK	2.4894G	61.03	74.00	-12.97	28.46	3	Vertical	91	2.52	-	28.44	4.13	-
AV	2.4986G	46.85	54.00	-7.15	14.21	3	Vertical	91	2.52	-	28.49	4.15	-

802.11g_Nss1,(6Mbps)_2TX

2417MHz_TX

24/09/2020



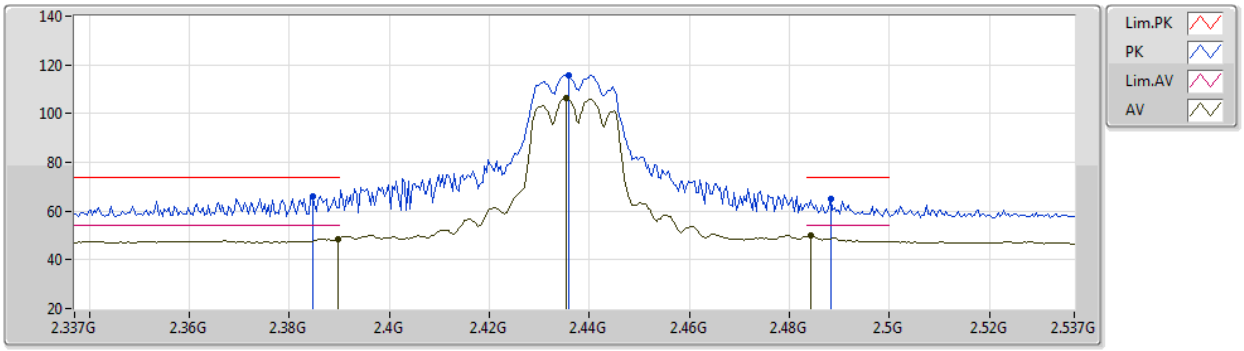
EUT Y_2TX
Setting 19.5
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3882G	69.08	74.00	-4.92	36.99	3	Horizontal	102	2.75	-	28.10	3.99	-
AV	2.3886G	48.01	54.00	-5.99	15.92	3	Horizontal	102	2.75	-	28.10	3.99	-
PK	2.4186G	112.49	Inf	-Inf	80.32	3	Horizontal	102	2.75	-	28.14	4.03	-
AV	2.4178G	102.92	Inf	-Inf	70.75	3	Horizontal	102	2.75	-	28.14	4.03	-
PK	2.4946G	57.62	74.00	-16.38	25.01	3	Horizontal	102	2.75	-	28.47	4.14	-
AV	2.4886G	45.62	54.00	-8.38	13.06	3	Horizontal	102	2.75	-	28.43	4.13	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

24/09/2020



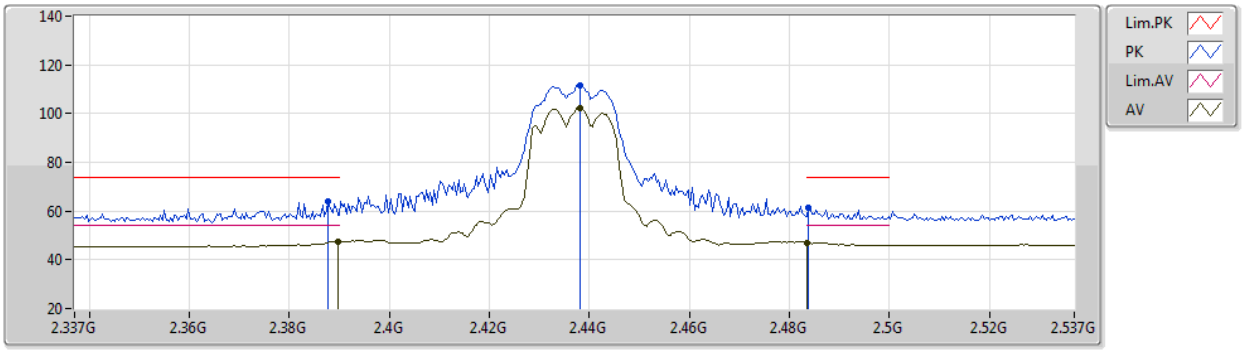
EUT Y_2TX
Setting 19.5
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3846G	66.14	74.00	-7.86	34.05	3	Vertical	110	2.00	-	28.10	3.99	-
AV	2.3898G	48.69	54.00	-5.31	16.60	3	Vertical	110	2.00	-	28.10	3.99	-
PK	2.4358G	115.85	Inf	-Inf	83.63	3	Vertical	110	2.00	-	28.17	4.05	-
AV	2.4354G	106.34	Inf	-Inf	74.12	3	Vertical	110	2.00	-	28.17	4.05	-
PK	2.4882G	64.84	74.00	-9.16	32.28	3	Vertical	110	2.00	-	28.43	4.13	-
AV	2.4842G	49.95	54.00	-4.05	17.41	3	Vertical	110	2.00	-	28.41	4.13	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

24/09/2020



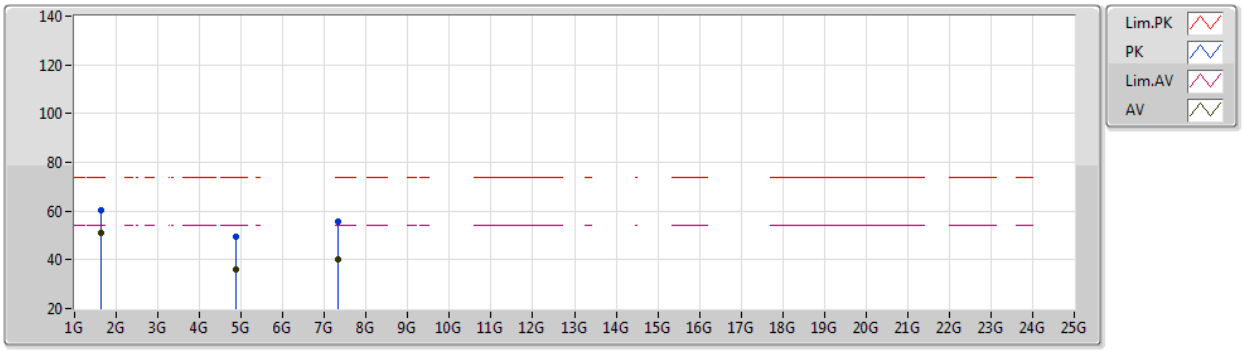
EUT Y_2TX
Setting 19.5
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3878G	63.92	74.00	-10.08	31.83	3	Horizontal	104	2.26	-	28.10	3.99	-
AV	2.3898G	47.46	54.00	-6.54	15.37	3	Horizontal	104	2.26	-	28.10	3.99	-
PK	2.4382G	111.80	Inf	-Inf	79.56	3	Horizontal	104	2.26	-	28.18	4.06	-
AV	2.4382G	102.37	Inf	-Inf	70.13	3	Horizontal	104	2.26	-	28.18	4.06	-
PK	2.4838G	61.42	74.00	-12.58	28.89	3	Horizontal	104	2.26	-	28.40	4.13	-
AV	2.4835G	47.09	54.00	-6.91	14.56	3	Horizontal	104	2.26	-	28.40	4.13	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

24/09/2020



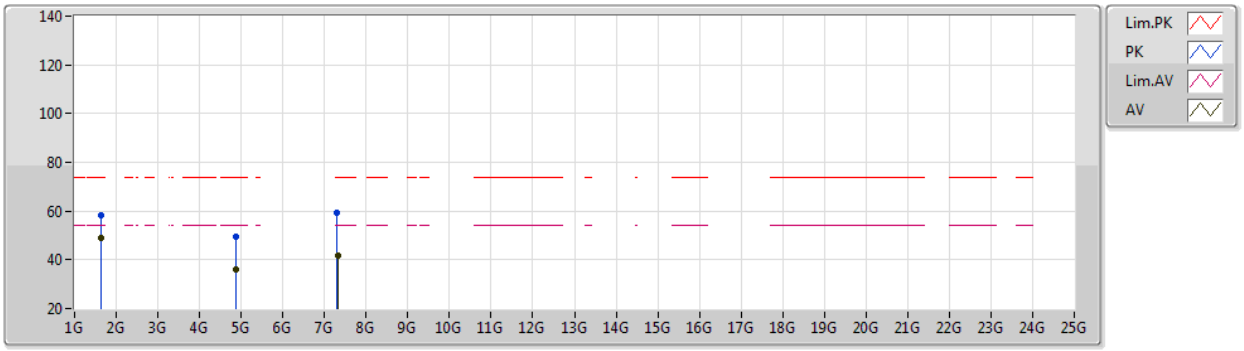
EUT Y_2TX
Setting 19.5
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	1.62476G	60.50	74.00	-13.50	65.93	3	Vertical	79	1.26	-	25.60	3.54	34.57
AV	1.62484G	51.23	54.00	-2.77	56.66	3	Vertical	79	1.26	-	25.60	3.54	34.57
PK	4.87164G	49.35	74.00	-24.65	44.67	3	Vertical	137	1.72	-	33.49	6.54	35.35
AV	4.8721G	35.96	54.00	-18.04	31.28	3	Vertical	137	1.72	-	33.49	6.54	35.35
PK	7.3184G	55.59	74.00	-18.41	46.06	3	Vertical	82	3.00	-	36.77	8.16	35.40
AV	7.3139G	40.09	54.00	-13.91	30.57	3	Vertical	82	3.00	-	36.76	8.16	35.40

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

24/09/2020



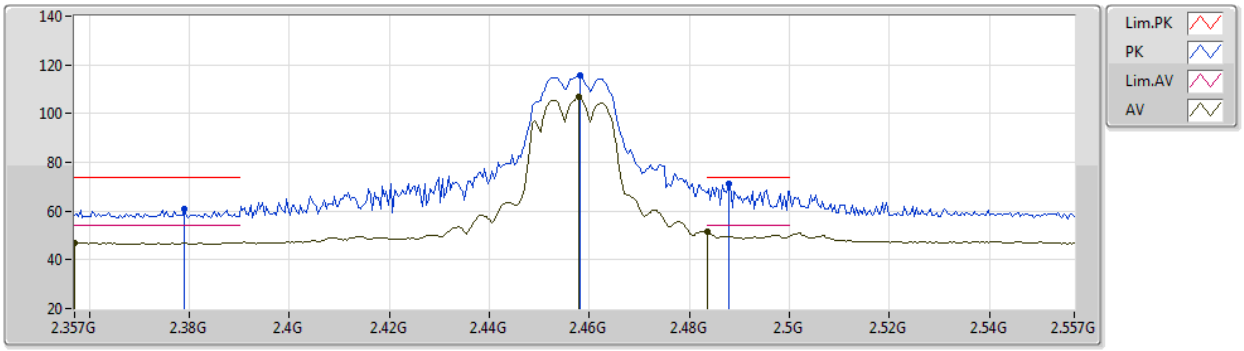
EUT Y_2TX
Setting 19.5
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	1.62246G	58.06	74.00	-15.94	63.52	3	Horizontal	245	2.39	-	25.58	3.53	34.57
AV	1.6248G	48.79	54.00	-5.21	54.22	3	Horizontal	245	2.39	-	25.60	3.54	34.57
PK	4.8718G	49.42	74.00	-24.58	44.74	3	Horizontal	12	2.40	-	33.49	6.54	35.35
AV	4.87722G	35.84	54.00	-18.16	31.15	3	Horizontal	12	2.40	-	33.51	6.54	35.36
PK	7.3077G	59.27	74.00	-14.73	49.78	3	Horizontal	140	1.79	-	36.73	8.15	35.39
AV	7.3133G	41.83	54.00	-12.17	32.32	3	Horizontal	140	1.79	-	36.75	8.16	35.40

802.11g_Nss1,(6Mbps)_2TX

2457MHz_TX

24/09/2020



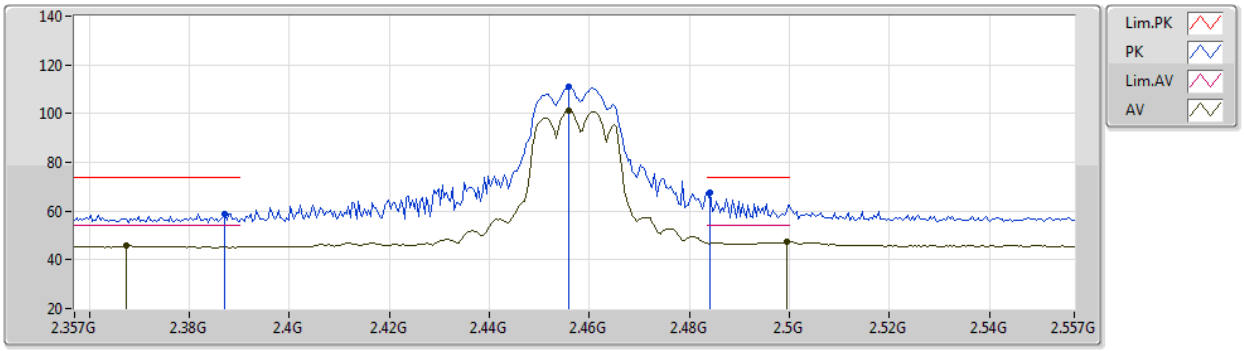
EUT Y_2TX
Setting 19.5
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.379G	61.04	74.00	-12.96	28.95	3	Vertical	111	2.15	-	28.10	3.99	-
AV	2.357G	46.96	54.00	-7.04	14.88	3	Vertical	111	2.15	-	28.10	3.98	-
PK	2.4582G	115.93	Inf	-Inf	83.59	3	Vertical	111	2.15	-	28.25	4.09	-
AV	2.4578G	106.69	Inf	-Inf	74.35	3	Vertical	111	2.15	-	28.25	4.09	-
PK	2.4878G	71.18	74.00	-2.82	38.62	3	Vertical	111	2.15	-	28.43	4.13	-
AV	2.4835G	51.68	54.00	-2.32	19.15	3	Vertical	111	2.15	-	28.40	4.13	-

802.11g_Nss1,(6Mbps)_2TX

2457MHz_TX

24/09/2020



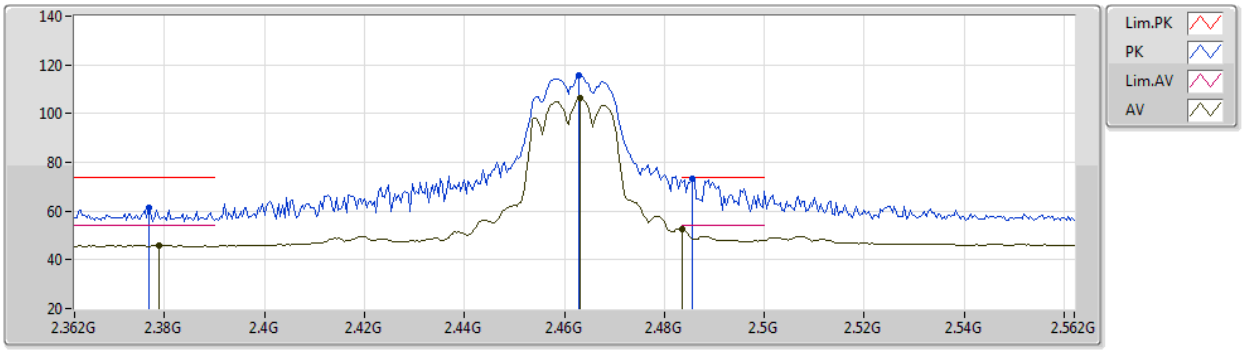
EUT Y_2TX
Setting 19.5
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.387G	59.04	74.00	-14.96	26.95	3	Horizontal	93	3.00	-	28.10	3.99	-
AV	2.3674G	45.76	54.00	-8.24	13.68	3	Horizontal	93	3.00	-	28.10	3.98	-
PK	2.4558G	111.06	Inf	-Inf	78.75	3	Horizontal	93	3.00	-	28.23	4.08	-
AV	2.4558G	101.40	Inf	-Inf	69.09	3	Horizontal	93	3.00	-	28.23	4.08	-
PK	2.4842G	67.83	74.00	-6.17	35.29	3	Horizontal	93	3.00	-	28.41	4.13	-
AV	2.4994G	47.36	54.00	-6.64	14.71	3	Horizontal	93	3.00	-	28.50	4.15	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

24/09/2020



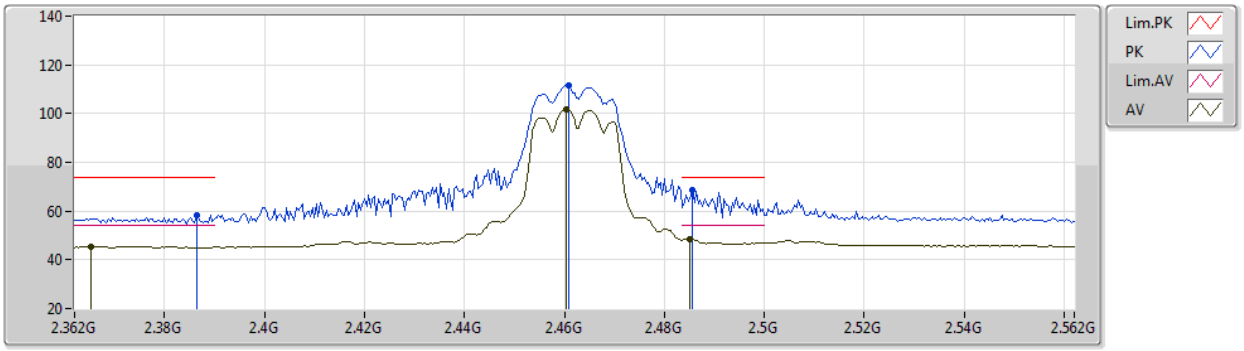
EUT Y_2TX
Setting 18.5
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3768G	61.26	74.00	-12.74	29.17	3	Vertical	99	2.37	-	28.10	3.99	-
AV	2.3788G	45.97	54.00	-8.03	13.88	3	Vertical	99	2.37	-	28.10	3.99	-
PK	2.4628G	115.89	Inf	-Inf	83.52	3	Vertical	99	2.37	-	28.28	4.09	-
AV	2.4632G	106.15	Inf	-Inf	73.78	3	Vertical	99	2.37	-	28.28	4.09	-
PK	2.4856G	73.44	74.00	-0.56	40.90	3	Vertical	99	2.37	-	28.41	4.13	-
AV	2.4835G	52.68	54.00	-1.32	20.15	3	Vertical	99	2.37	-	28.40	4.13	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

24/09/2020



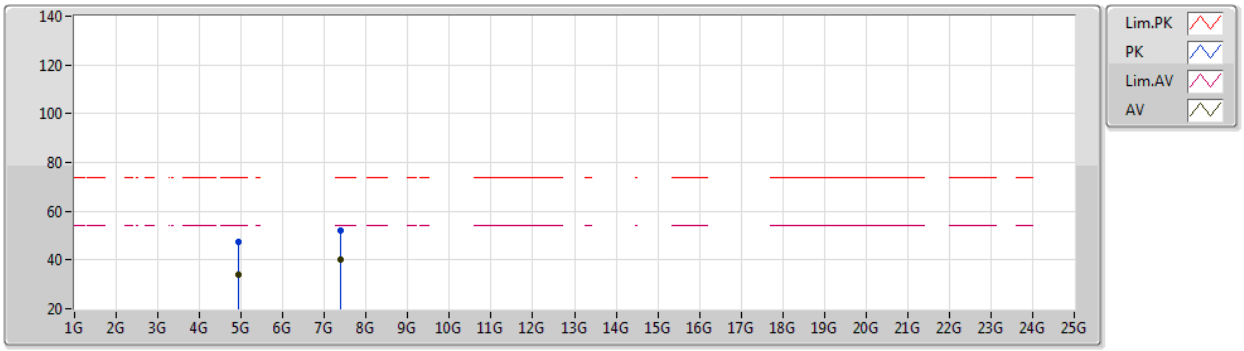
EUT Y_2TX
Setting 18.5
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3864G	58.49	74.00	-15.51	26.40	3	Horizontal	107	2.70	-	28.10	3.99	-
AV	2.3652G	45.49	54.00	-8.51	13.41	3	Horizontal	107	2.70	-	28.10	3.98	-
PK	2.4608G	111.49	Inf	-Inf	79.14	3	Horizontal	107	2.70	-	28.26	4.09	-
AV	2.4604G	101.81	Inf	-Inf	69.46	3	Horizontal	107	2.70	-	28.26	4.09	-
PK	2.4856G	68.83	74.00	-5.17	36.29	3	Horizontal	107	2.70	-	28.41	4.13	-
AV	2.4852G	48.65	54.00	-5.35	16.11	3	Horizontal	107	2.70	-	28.41	4.13	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

24/09/2020



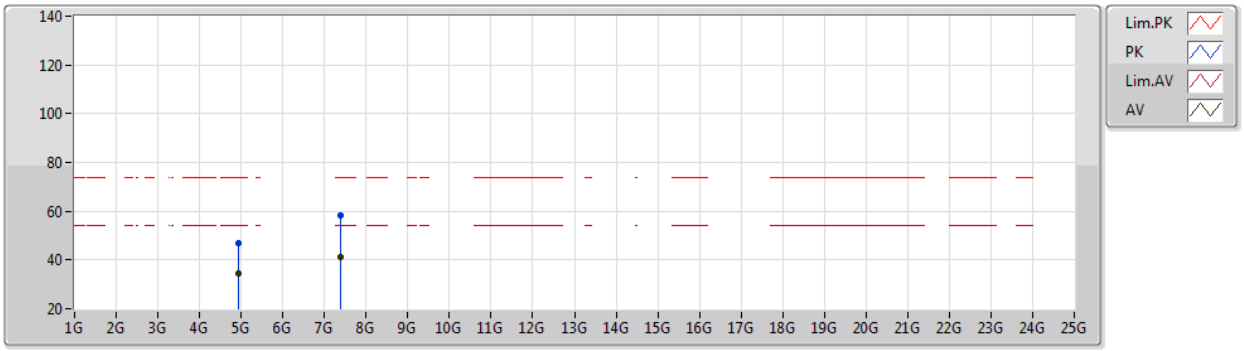
EUT Y_2TX
Setting 18.5
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92372G	47.19	74.00	-26.81	42.53	3	Vertical	20	3.00	-	33.51	6.56	35.41
AV	4.923G	34.01	54.00	-19.99	29.35	3	Vertical	20	3.00	-	33.51	6.56	35.41
PK	7.39356G	52.25	74.00	-21.75	42.65	3	Vertical	172	1.61	-	36.81	8.20	35.41
AV	7.39304G	39.92	54.00	-14.08	30.32	3	Vertical	172	1.61	-	36.81	8.20	35.41

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

24/09/2020



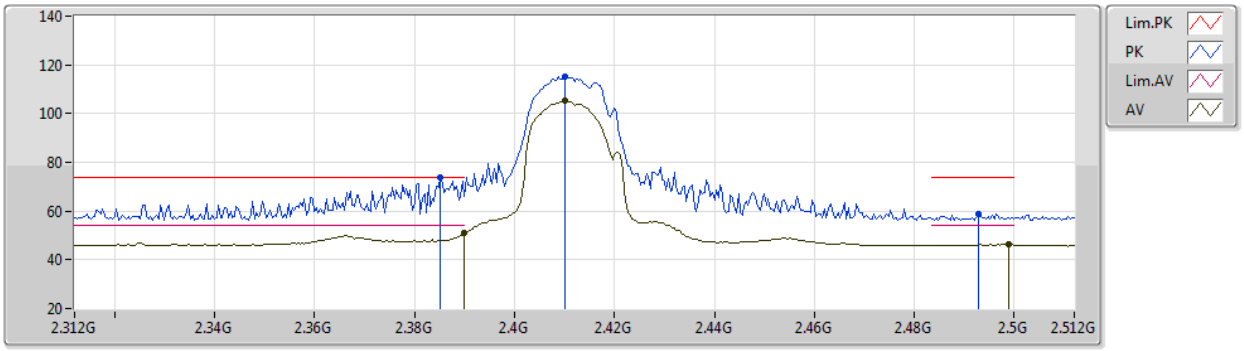
EUT Y_2TX
Setting 18.5
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92136G	46.99	74.00	-27.01	42.33	3	Horizontal	290	1.94	-	33.51	6.56	35.41
AV	4.9205G	34.29	54.00	-19.71	29.62	3	Horizontal	290	1.94	-	33.52	6.56	35.41
PK	7.38912G	58.40	74.00	-15.60	48.80	3	Horizontal	139	1.78	-	36.82	8.19	35.41
AV	7.3852G	41.41	54.00	-12.59	31.80	3	Horizontal	139	1.78	-	36.83	8.19	35.41

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

24/09/2020



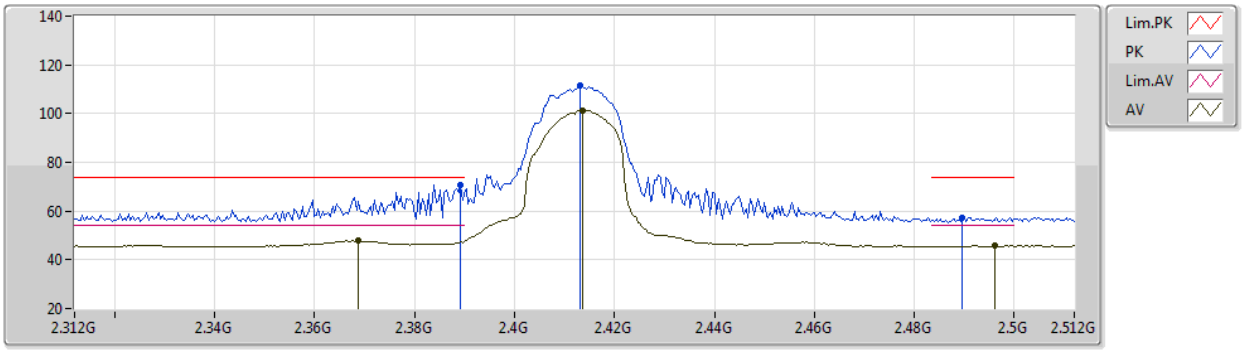
EUT Y_2TX
Setting 17.5
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3852G	73.55	74.00	-0.45	41.46	3	Vertical	82	2.44	-	28.10	3.99	-
AV	2.39G	50.84	54.00	-3.16	18.74	3	Vertical	82	2.44	-	28.10	4.00	-
PK	2.41G	115.13	Inf	-Inf	82.99	3	Vertical	82	2.44	-	28.12	4.02	-
AV	2.41G	105.09	Inf	-Inf	72.95	3	Vertical	82	2.44	-	28.12	4.02	-
PK	2.4928G	58.86	74.00	-15.14	26.26	3	Vertical	82	2.44	-	28.46	4.14	-
AV	2.4988G	46.31	54.00	-7.69	13.67	3	Vertical	82	2.44	-	28.49	4.15	-

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

24/09/2020



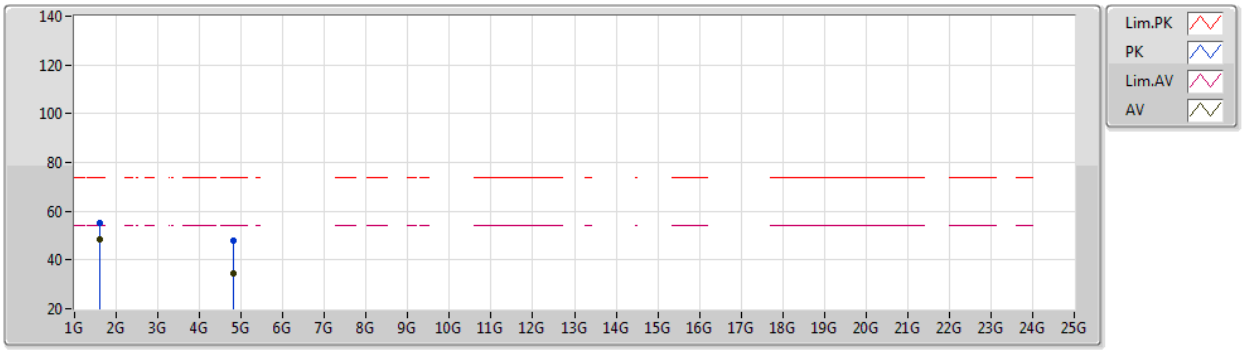
EUT Y_2TX
Setting 17.5
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3892G	70.75	74.00	-3.25	38.66	3	Horizontal	113	2.28	-	28.10	3.99	-
AV	2.3688G	48.02	54.00	-5.98	15.94	3	Horizontal	113	2.28	-	28.10	3.98	-
PK	2.4132G	111.35	Inf	-Inf	79.20	3	Horizontal	113	2.28	-	28.13	4.02	-
AV	2.4136G	101.28	Inf	-Inf	69.13	3	Horizontal	113	2.28	-	28.13	4.02	-
PK	2.4896G	57.21	74.00	-16.79	24.64	3	Horizontal	113	2.28	-	28.44	4.13	-
AV	2.496G	45.69	54.00	-8.31	13.07	3	Horizontal	113	2.28	-	28.48	4.14	-

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

24/09/2020



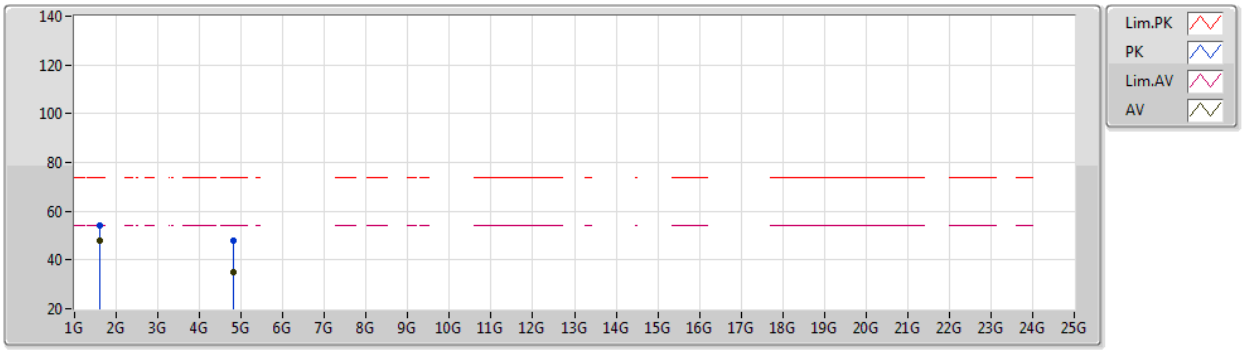
EUT Y_2TX
Setting 17.5
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	1.60812G	55.15	74.00	-18.85	60.74	3	Vertical	86	1.02	-	25.46	3.51	34.56
AV	1.608G	48.49	54.00	-5.51	54.08	3	Vertical	86	1.02	-	25.46	3.51	34.56
PK	4.82354G	47.74	74.00	-26.26	43.24	3	Vertical	221	2.10	-	33.29	6.51	35.30
AV	4.82358G	34.73	54.00	-19.27	30.23	3	Vertical	221	2.10	-	33.29	6.51	35.30

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

24/09/2020



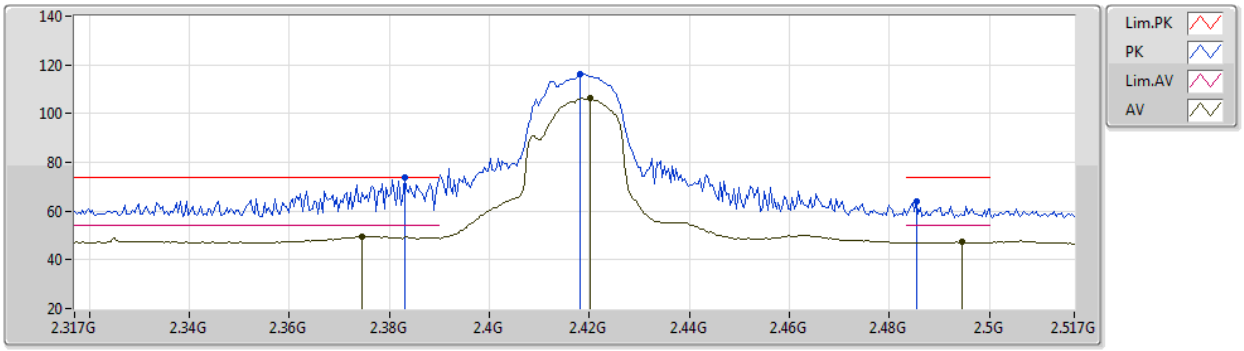
EUT Y_2TX
Setting 17.5
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	1.6078G	54.28	74.00	-19.72	59.87	3	Horizontal	248	2.03	-	25.46	3.51	34.56
AV	1.608G	47.91	54.00	-6.09	53.50	3	Horizontal	248	2.03	-	25.46	3.51	34.56
PK	4.82355G	47.82	74.00	-26.18	43.32	3	Horizontal	122	2.05	-	33.29	6.51	35.30
AV	4.825G	34.98	54.00	-19.02	30.47	3	Horizontal	122	2.05	-	33.30	6.51	35.30

802.11n HT20_Nss1,(MCS0)_2TX

2417MHz_TX

24/09/2020



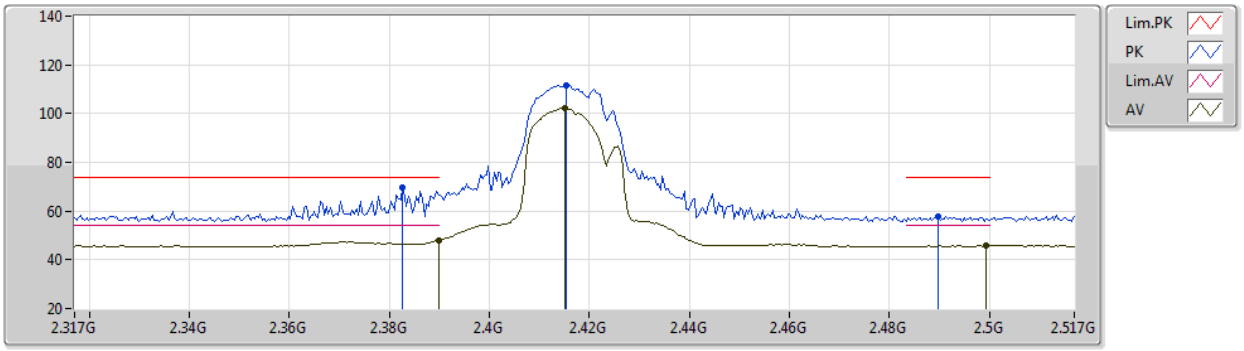
EUT Y_2TX
Setting 19.5
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.383G	73.68	74.00	-0.32	41.59	3	Vertical	110	2.41	-	28.10	3.99	-
AV	2.3746G	49.69	54.00	-4.31	17.60	3	Vertical	110	2.41	-	28.10	3.99	-
PK	2.4182G	116.02	Inf	-Inf	83.85	3	Vertical	110	2.41	-	28.14	4.03	-
AV	2.4202G	106.22	Inf	-Inf	74.05	3	Vertical	110	2.41	-	28.14	4.03	-
PK	2.4854G	63.98	74.00	-10.02	31.44	3	Vertical	110	2.41	-	28.41	4.13	-
AV	2.4946G	47.23	54.00	-6.77	14.62	3	Vertical	110	2.41	-	28.47	4.14	-

802.11n HT20_Nss1,(MCS0)_2TX

2417MHz_TX

24/09/2020



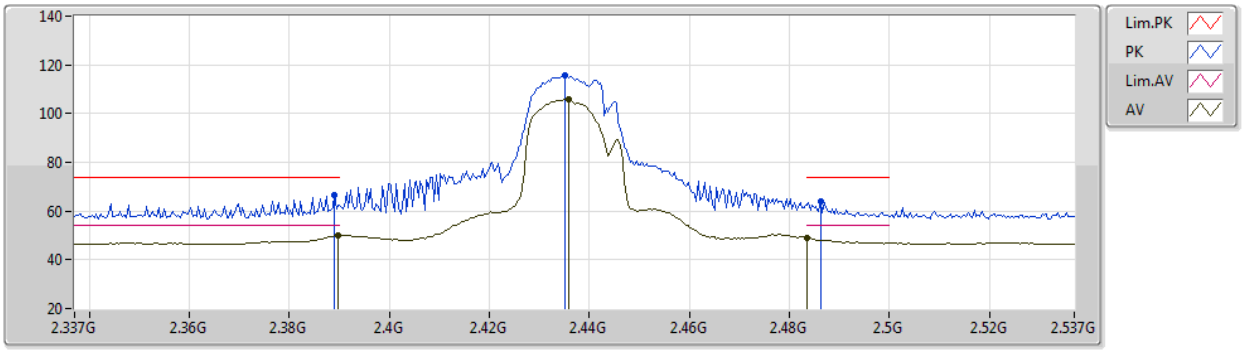
EUT Y_2TX
Setting 19.5
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3826G	69.47	74.00	-4.53	37.38	3	Horizontal	84	2.84	-	28.10	3.99	-
AV	2.3898G	47.93	54.00	-6.07	15.84	3	Horizontal	84	2.84	-	28.10	3.99	-
PK	2.4154G	111.80	Inf	-Inf	79.65	3	Horizontal	84	2.84	-	28.13	4.02	-
AV	2.415G	102.06	Inf	-Inf	69.91	3	Horizontal	84	2.84	-	28.13	4.02	-
PK	2.4898G	58.00	74.00	-16.00	25.43	3	Horizontal	84	2.84	-	28.44	4.13	-
AV	2.4994G	45.82	54.00	-8.18	13.17	3	Horizontal	84	2.84	-	28.50	4.15	-

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

24/09/2020



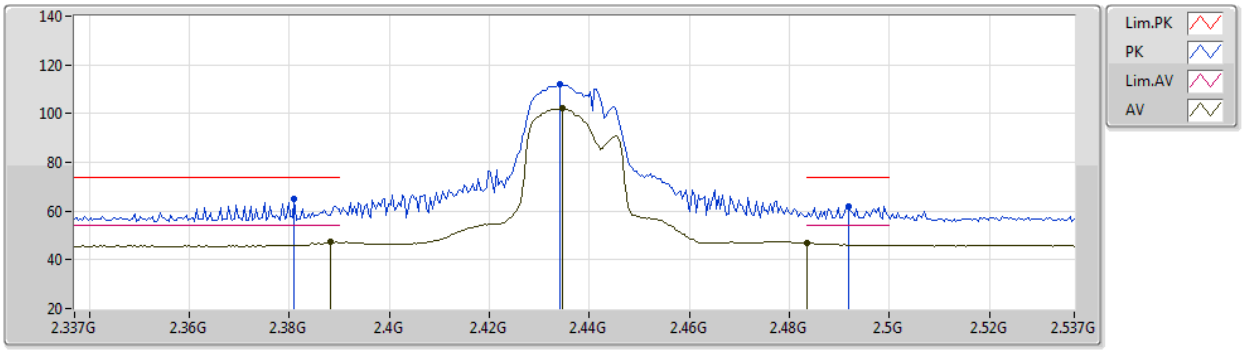
EUT Y_2TX
Setting 19.5
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.389G	66.36	74.00	-7.64	34.27	3	Vertical	85	2.69	-	28.10	3.99	-
AV	2.3898G	49.87	54.00	-4.13	17.78	3	Vertical	85	2.69	-	28.10	3.99	-
PK	2.435G	115.83	Inf	-Inf	83.61	3	Vertical	85	2.69	-	28.17	4.05	-
AV	2.4358G	105.74	Inf	-Inf	73.52	3	Vertical	85	2.69	-	28.17	4.05	-
PK	2.4862G	63.77	74.00	-10.23	31.22	3	Vertical	85	2.69	-	28.42	4.13	-
AV	2.4835G	48.97	54.00	-5.03	16.44	3	Vertical	85	2.69	-	28.40	4.13	-

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

24/09/2020



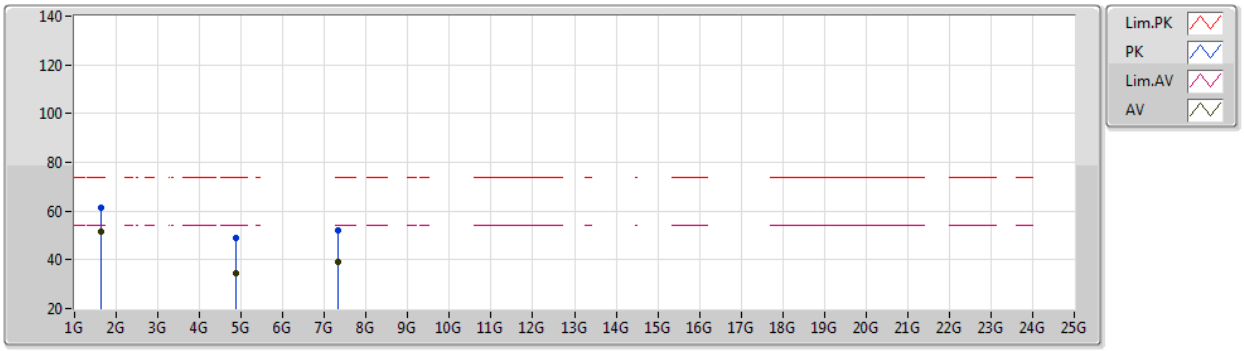
EUT Y_2TX
Setting 19.5
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.381G	64.81	74.00	-9.19	32.72	3	Horizontal	96	2.46	-	28.10	3.99	-
AV	2.3882G	47.19	54.00	-6.81	15.10	3	Horizontal	96	2.46	-	28.10	3.99	-
PK	2.4342G	112.17	Inf	-Inf	79.95	3	Horizontal	96	2.46	-	28.17	4.05	-
AV	2.4346G	102.19	Inf	-Inf	69.97	3	Horizontal	96	2.46	-	28.17	4.05	-
PK	2.4918G	61.80	74.00	-12.20	29.21	3	Horizontal	96	2.46	-	28.45	4.14	-
AV	2.4835G	46.75	54.00	-7.25	14.22	3	Horizontal	96	2.46	-	28.40	4.13	-

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

24/09/2020



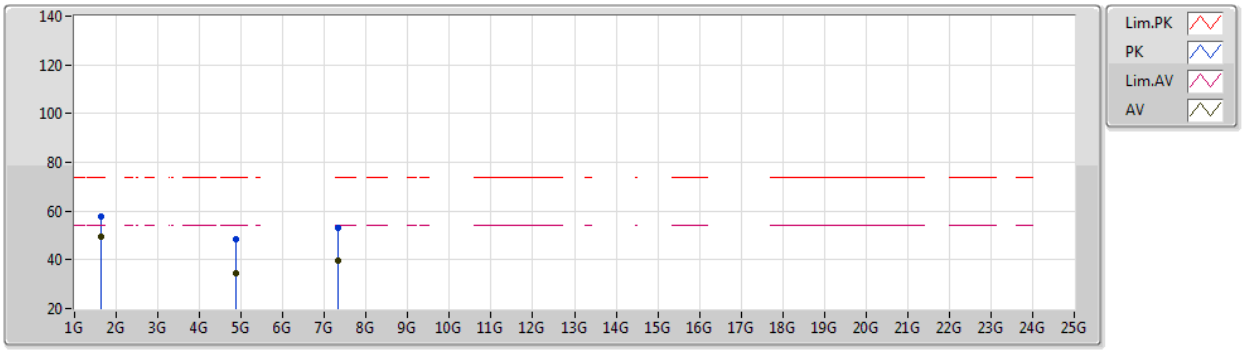
EUT Y_2TX
Setting 19.5
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	1.62448G	61.58	74.00	-12.42	67.01	3	Vertical	71	1.01	-	25.60	3.54	34.57
AV	1.62488G	51.78	54.00	-2.22	57.21	3	Vertical	71	1.01	-	25.60	3.54	34.57
PK	4.87324G	48.84	74.00	-25.16	44.17	3	Vertical	196	2.95	-	33.49	6.54	35.36
AV	4.87497G	34.45	54.00	-19.55	29.77	3	Vertical	196	2.95	-	33.50	6.54	35.36
PK	7.31048G	51.90	74.00	-22.10	42.39	3	Vertical	301	2.54	-	36.74	8.16	35.39
AV	7.3107G	38.92	54.00	-15.08	29.41	3	Vertical	301	2.54	-	36.74	8.16	35.39

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

24/09/2020



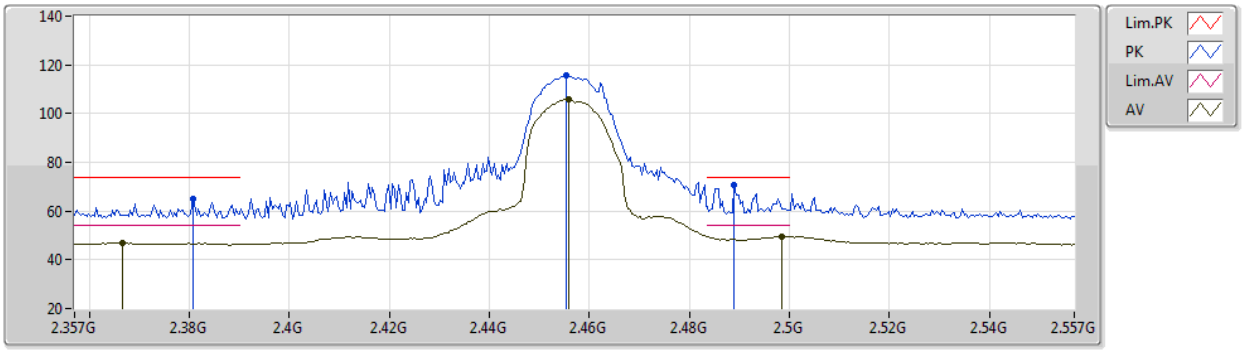
EUT Y_2TX
Setting 19.5
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	1.62492G	57.51	74.00	-16.49	62.94	3	Horizontal	248	2.40	-	25.60	3.54	34.57
AV	1.6247G	49.41	54.00	-4.59	54.84	3	Horizontal	248	2.40	-	25.60	3.54	34.57
PK	4.87464G	48.63	74.00	-25.37	43.95	3	Horizontal	278	2.19	-	33.50	6.54	35.36
AV	4.87495G	34.65	54.00	-19.35	29.97	3	Horizontal	278	2.19	-	33.50	6.54	35.36
PK	7.31065G	53.20	74.00	-20.80	43.69	3	Horizontal	121	1.24	-	36.74	8.16	35.39
AV	7.31116G	39.47	54.00	-14.53	29.96	3	Horizontal	121	1.24	-	36.74	8.16	35.39

802.11n HT20_Nss1,(MCS0)_2TX

2457MHz_TX

24/09/2020



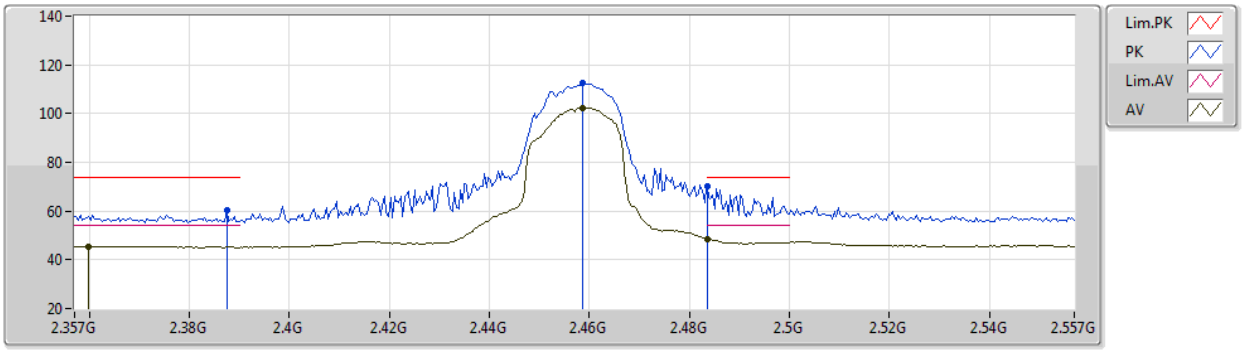
EUT Y_2TX
Setting 19.5
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3806G	65.08	74.00	-8.92	32.99	3	Vertical	77	2.42	-	28.10	3.99	-
AV	2.3666G	46.82	54.00	-7.18	14.74	3	Vertical	77	2.42	-	28.10	3.98	-
PK	2.4554G	115.64	Inf	-Inf	83.33	3	Vertical	77	2.42	-	28.23	4.08	-
AV	2.4558G	106.02	Inf	-Inf	73.71	3	Vertical	77	2.42	-	28.23	4.08	-
PK	2.489G	70.63	74.00	-3.37	38.07	3	Vertical	77	2.42	-	28.43	4.13	-
AV	2.4986G	49.51	54.00	-4.49	16.87	3	Vertical	77	2.42	-	28.49	4.15	-

802.11n HT20_Nss1,(MCS0)_2TX

2457MHz_TX

24/09/2020



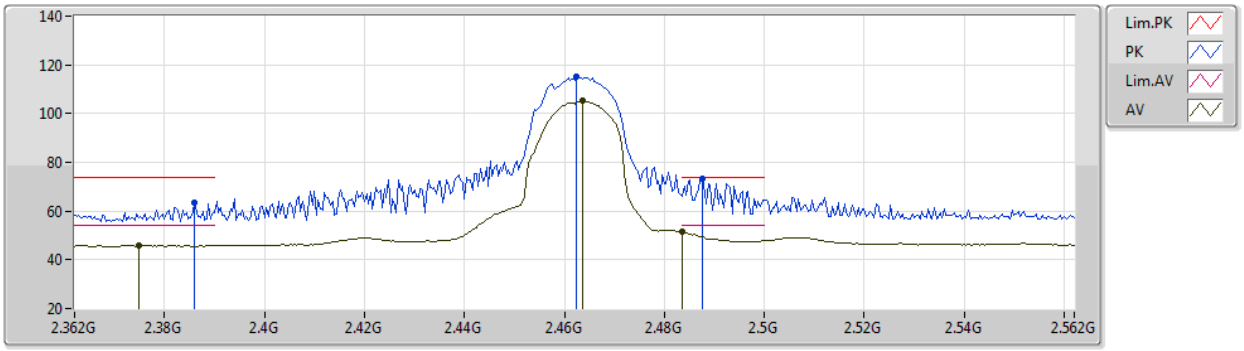
EUT Y_2TX
Setting 19.5
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3874G	60.30	74.00	-13.70	28.21	3	Horizontal	108	2.73	-	28.10	3.99	-
AV	2.3598G	45.50	54.00	-8.50	13.42	3	Horizontal	108	2.73	-	28.10	3.98	-
PK	2.4586G	112.70	Inf	-Inf	80.36	3	Horizontal	108	2.73	-	28.25	4.09	-
AV	2.4586G	102.50	Inf	-Inf	70.16	3	Horizontal	108	2.73	-	28.25	4.09	-
PK	2.4835G	69.98	74.00	-4.02	37.45	3	Horizontal	108	2.73	-	28.40	4.13	-
AV	2.4835G	48.68	54.00	-5.32	16.15	3	Horizontal	108	2.73	-	28.40	4.13	-

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

24/09/2020



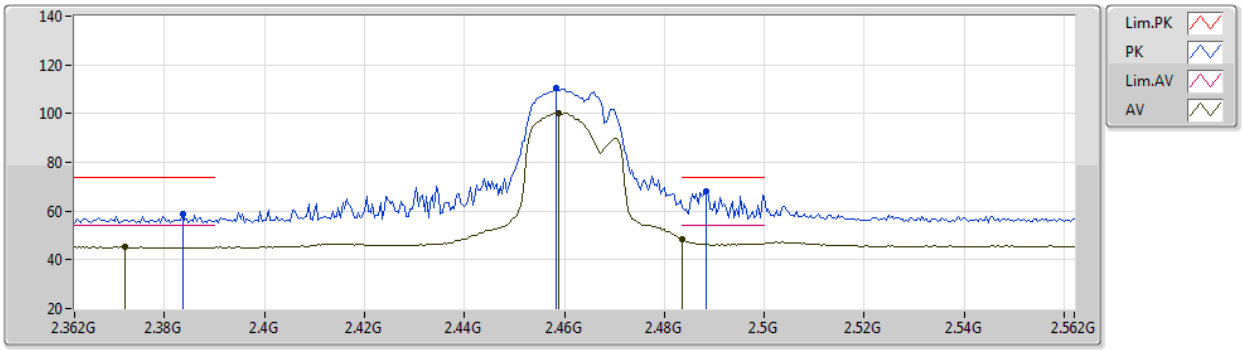
EUT Y_2TX
Setting 18
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.386G	63.45	74.00	-10.55	31.36	3	Vertical	115	2.42	-	28.10	3.99	-
AV	2.3748G	45.90	54.00	-8.10	13.81	3	Vertical	115	2.42	-	28.10	3.99	-
PK	2.4624G	115.17	Inf	-Inf	82.81	3	Vertical	115	2.42	-	28.27	4.09	-
AV	2.4636G	105.35	Inf	-Inf	72.97	3	Vertical	115	2.42	-	28.28	4.10	-
PK	2.4876G	73.53	74.00	-0.47	40.97	3	Vertical	115	2.42	-	28.43	4.13	-
AV	2.4835G	51.68	54.00	-2.32	19.15	3	Vertical	115	2.42	-	28.40	4.13	-

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

24/09/2020



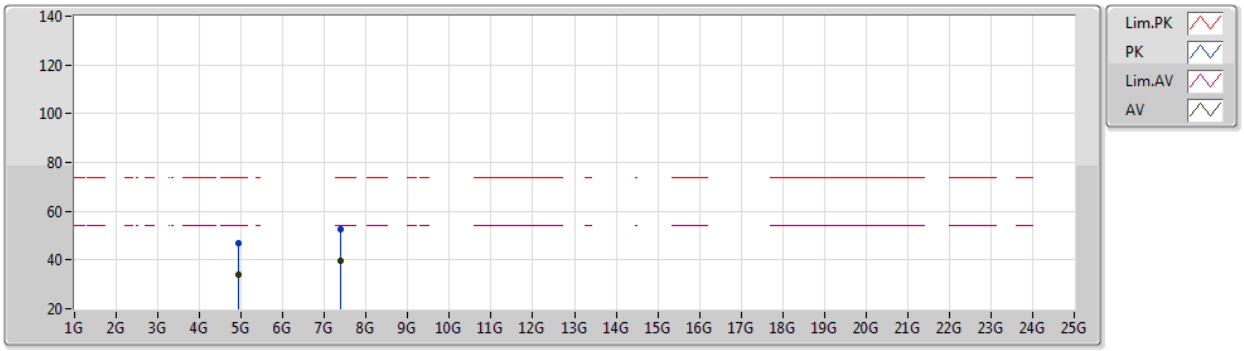
EUT Y_2TX
Setting 18
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3836G	58.71	74.00	-15.29	26.62	3	Horizontal	94	2.69	-	28.10	3.99	-
AV	2.372G	45.24	54.00	-8.76	13.15	3	Horizontal	94	2.69	-	28.10	3.99	-
PK	2.4584G	110.48	Inf	-Inf	78.14	3	Horizontal	94	2.69	-	28.25	4.09	-
AV	2.4588G	100.23	Inf	-Inf	67.89	3	Horizontal	94	2.69	-	28.25	4.09	-
PK	2.4884G	68.00	74.00	-6.00	35.44	3	Horizontal	94	2.69	-	28.43	4.13	-
AV	2.4835G	48.23	54.00	-5.77	15.70	3	Horizontal	94	2.69	-	28.40	4.13	-

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

24/09/2020



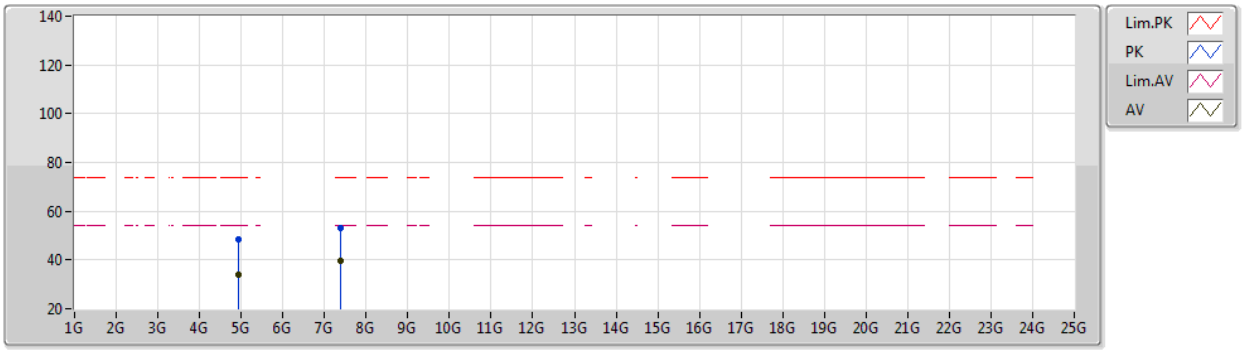
EUT Y_2TX
Setting 18
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.9249G	47.07	74.00	-26.93	42.42	3	Vertical	59	1.35	-	33.50	6.56	35.41
AV	4.92486G	34.11	54.00	-19.89	29.46	3	Vertical	59	1.35	-	33.50	6.56	35.41
PK	7.38604G	52.84	74.00	-21.16	43.23	3	Vertical	15	1.15	-	36.83	8.19	35.41
AV	7.38695G	39.43	54.00	-14.57	29.82	3	Vertical	15	1.15	-	36.83	8.19	35.41

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

24/09/2020



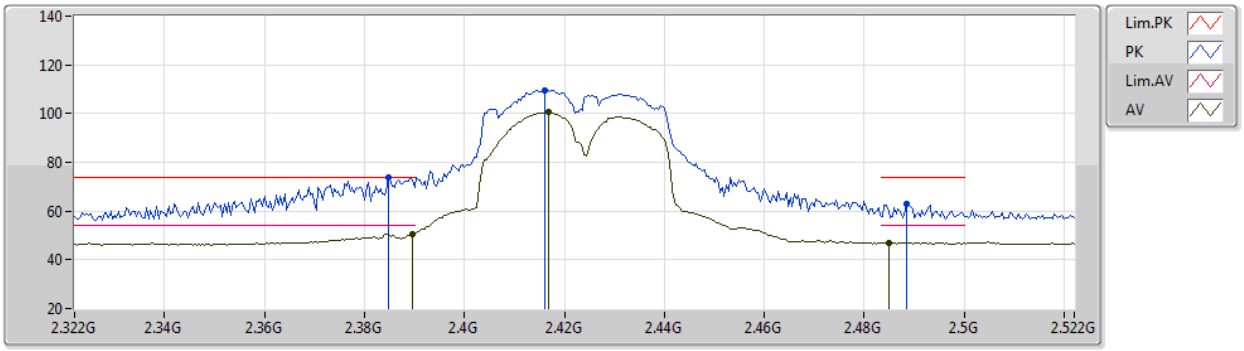
EUT Y_2TX
Setting 18
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92359G	48.23	74.00	-25.77	43.57	3	Horizontal	151	1.87	-	33.51	6.56	35.41
AV	4.92335G	34.16	54.00	-19.84	29.50	3	Horizontal	151	1.87	-	33.51	6.56	35.41
PK	7.38656G	53.02	74.00	-20.98	43.41	3	Horizontal	230	1.43	-	36.83	8.19	35.41
AV	7.38978G	39.74	54.00	-14.26	30.14	3	Horizontal	230	1.43	-	36.82	8.19	35.41

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

24/09/2020



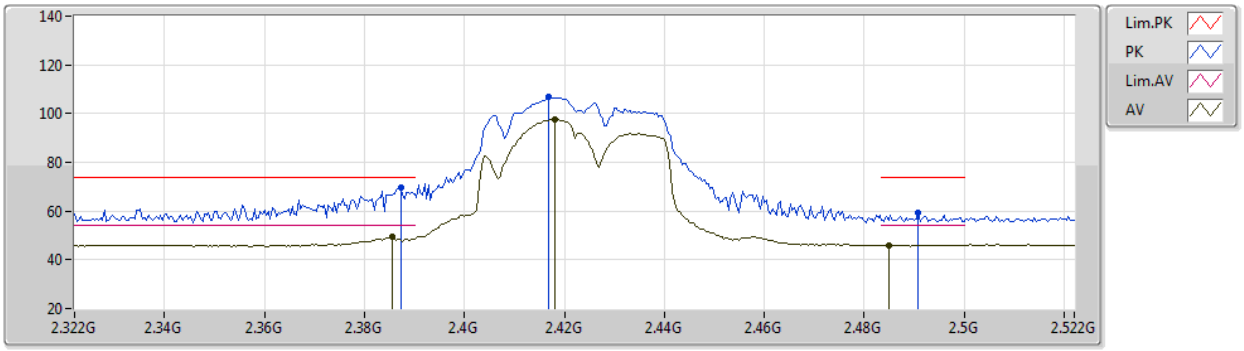
EUT Y_2TX
Setting 17
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3848G	73.98	74.00	-0.02	41.89	3	Vertical	115	2.19	-	28.10	3.99	-
AV	2.3896G	50.62	54.00	-3.38	18.53	3	Vertical	115	2.19	-	28.10	3.99	-
PK	2.416G	109.59	Inf	-Inf	77.44	3	Vertical	115	2.19	-	28.13	4.02	-
AV	2.4168G	100.69	Inf	-Inf	68.53	3	Vertical	115	2.19	-	28.13	4.03	-
PK	2.4884G	62.95	74.00	-11.05	30.39	3	Vertical	115	2.19	-	28.43	4.13	-
AV	2.4848G	47.06	54.00	-6.94	14.52	3	Vertical	115	2.19	-	28.41	4.13	-

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

24/09/2020



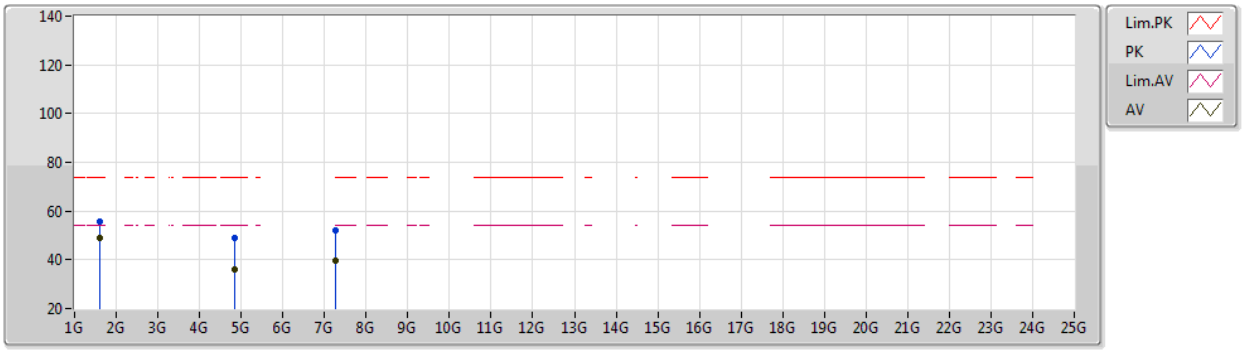
EUT Y_2TX
Setting 17
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3872G	69.86	74.00	-4.14	37.77	3	Horizontal	95	2.77	-	28.10	3.99	-
AV	2.3856G	49.25	54.00	-4.75	17.16	3	Horizontal	95	2.77	-	28.10	3.99	-
PK	2.4168G	106.75	Inf	-Inf	74.59	3	Horizontal	95	2.77	-	28.13	4.03	-
AV	2.418G	97.40	Inf	-Inf	65.23	3	Horizontal	95	2.77	-	28.14	4.03	-
PK	2.4908G	59.06	74.00	-14.94	26.48	3	Horizontal	95	2.77	-	28.44	4.14	-
AV	2.4848G	46.03	54.00	-7.97	13.49	3	Horizontal	95	2.77	-	28.41	4.13	-

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

24/09/2020



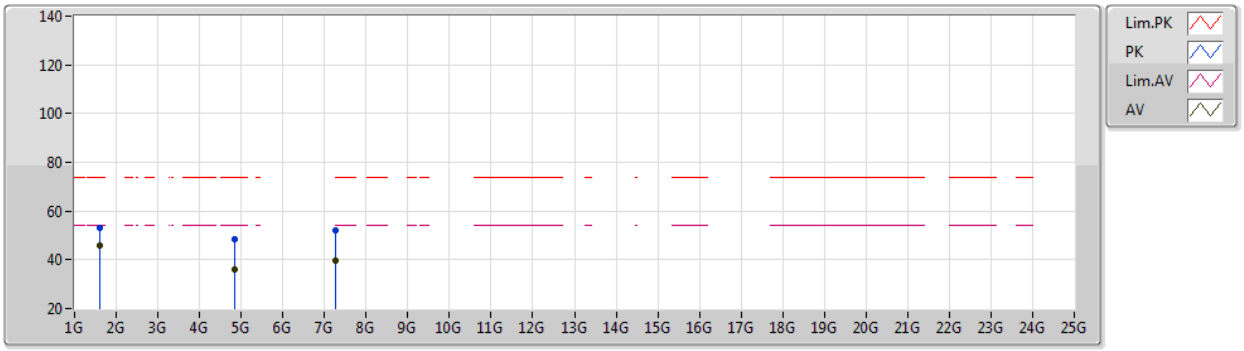
EUT Y_2TX
Setting 17
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	1.61473G	55.90	74.00	-18.10	61.42	3	Vertical	84	1.01	-	25.52	3.52	34.56
AV	1.61468G	48.80	54.00	-5.20	54.32	3	Vertical	84	1.01	-	25.52	3.52	34.56
PK	4.84408G	48.74	74.00	-25.26	44.16	3	Vertical	55	1.97	-	33.38	6.52	35.32
AV	4.84375G	35.87	54.00	-18.13	31.29	3	Vertical	55	1.97	-	33.38	6.52	35.32
PK	7.26555G	52.07	74.00	-21.93	42.76	3	Vertical	152	2.28	-	36.56	8.13	35.38
AV	7.26584G	39.90	54.00	-14.10	30.59	3	Vertical	152	2.28	-	36.56	8.13	35.38

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

24/09/2020



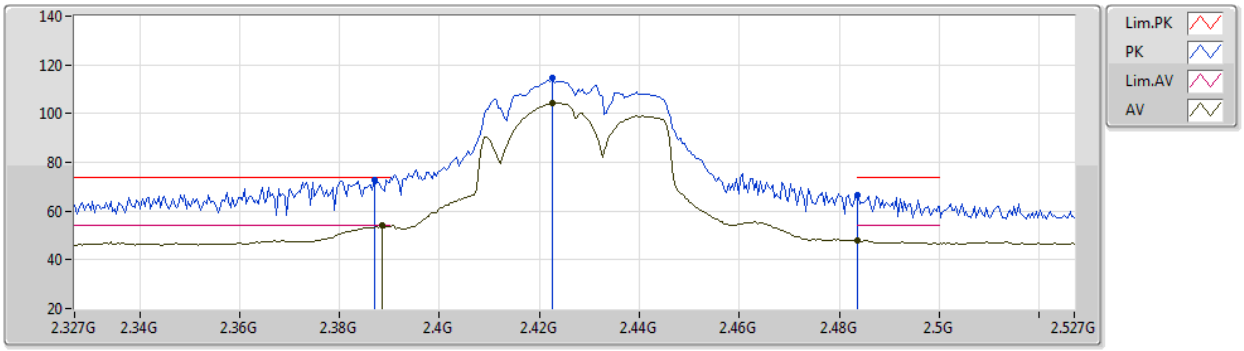
EUT Y_2TX
Setting 17
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	1.61479G	52.87	74.00	-21.13	58.39	3	Horizontal	270	1.96	-	25.52	3.52	34.56
AV	1.61466G	45.74	54.00	-8.26	51.26	3	Horizontal	270	1.96	-	25.52	3.52	34.56
PK	4.8436G	48.33	74.00	-25.67	43.76	3	Horizontal	250	1.38	-	33.37	6.52	35.32
AV	4.84329G	35.80	54.00	-18.20	31.23	3	Horizontal	250	1.38	-	33.37	6.52	35.32
PK	7.26567G	51.95	74.00	-22.05	42.64	3	Horizontal	231	2.41	-	36.56	8.13	35.38
AV	7.26656G	39.68	54.00	-14.32	30.36	3	Horizontal	231	2.41	-	36.57	8.13	35.38

802.11n HT40_Nss1,(MCS0)_2TX

2427MHz_TX

24/09/2020



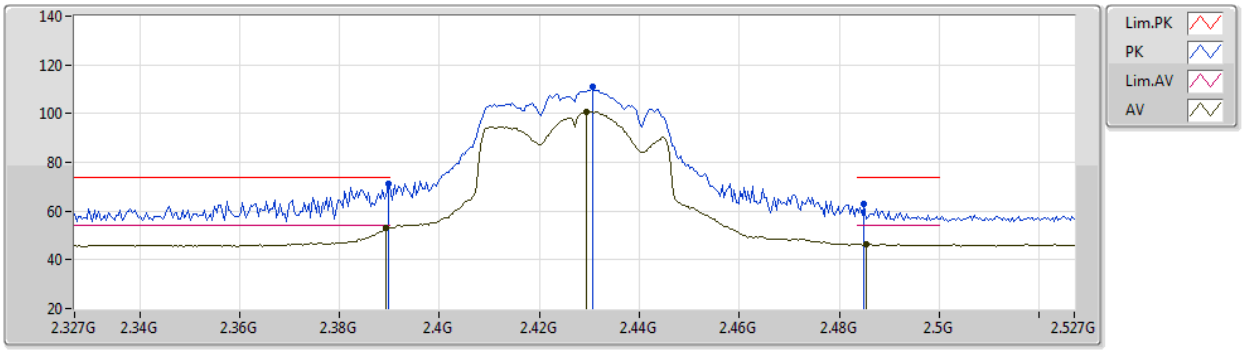
EUT Y_2TX
Setting 19.5
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.387G	72.82	74.00	-1.18	40.73	3	Vertical	95	2.43	-	28.10	3.99	-
AV	2.3886G	53.91	54.00	-0.09	21.82	3	Vertical	95	2.43	-	28.10	3.99	-
PK	2.4226G	114.40	Inf	-Inf	82.22	3	Vertical	95	2.43	-	28.15	4.03	-
AV	2.4226G	104.39	Inf	-Inf	72.21	3	Vertical	95	2.43	-	28.15	4.03	-
PK	2.4835G	66.47	74.00	-7.53	33.94	3	Vertical	95	2.43	-	28.40	4.13	-
AV	2.4835G	47.95	54.00	-6.05	15.42	3	Vertical	95	2.43	-	28.40	4.13	-

802.11n HT40_Nss1,(MCS0)_2TX

2427MHz_TX

24/09/2020



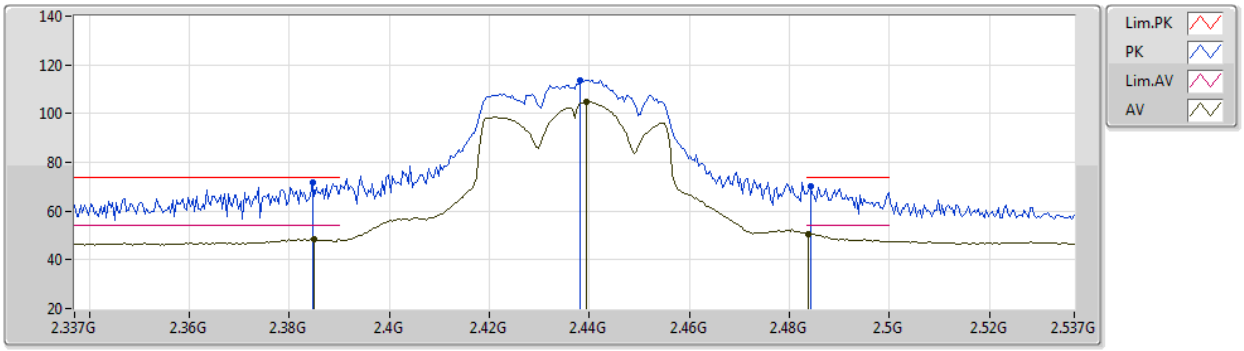
EUT Y_2TX
Setting 19.5
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3898G	71.11	74.00	-2.89	39.02	3	Horizontal	106	2.79	-	28.10	3.99	-
AV	2.3894G	53.11	54.00	-0.89	21.02	3	Horizontal	106	2.79	-	28.10	3.99	-
PK	2.4306G	110.90	Inf	-Inf	78.69	3	Horizontal	106	2.79	-	28.16	4.05	-
AV	2.4294G	100.78	Inf	-Inf	68.58	3	Horizontal	106	2.79	-	28.16	4.04	-
PK	2.485G	62.84	74.00	-11.16	30.30	3	Horizontal	106	2.79	-	28.41	4.13	-
AV	2.4854G	46.49	54.00	-7.51	13.95	3	Horizontal	106	2.79	-	28.41	4.13	-

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

24/09/2020



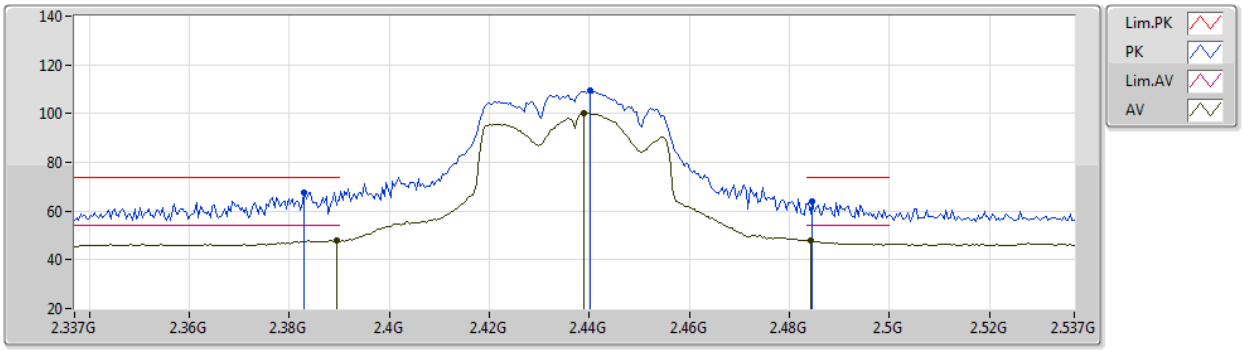
EUT Y_2TX
Setting 19.5
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3846G	71.66	74.00	-2.34	39.57	3	Vertical	112	2.13	-	28.10	3.99	-
AV	2.385G	48.52	54.00	-5.48	16.43	3	Vertical	112	2.13	-	28.10	3.99	-
PK	2.4382G	113.63	Inf	-Inf	81.39	3	Vertical	112	2.13	-	28.18	4.06	-
AV	2.4394G	104.91	Inf	-Inf	72.67	3	Vertical	112	2.13	-	28.18	4.06	-
PK	2.4842G	70.27	74.00	-3.73	37.73	3	Vertical	112	2.13	-	28.41	4.13	-
AV	2.4838G	50.71	54.00	-3.29	18.18	3	Vertical	112	2.13	-	28.40	4.13	-

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

24/09/2020



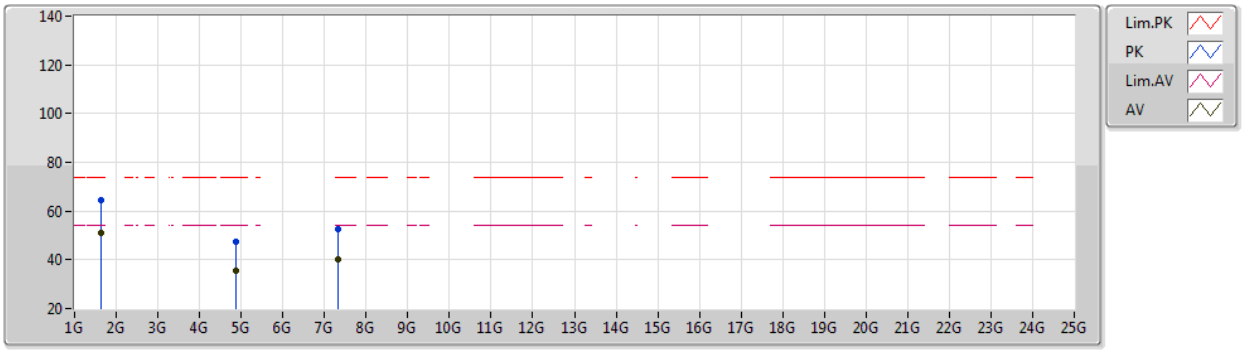
EUT Y_2TX
Setting 19.5
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.383G	67.84	74.00	-6.16	35.75	3	Horizontal	104	2.52	-	28.10	3.99	-
AV	2.3894G	47.74	54.00	-6.26	15.65	3	Horizontal	104	2.52	-	28.10	3.99	-
PK	2.4402G	109.66	Inf	-Inf	77.42	3	Horizontal	104	2.52	-	28.18	4.06	-
AV	2.439G	100.06	Inf	-Inf	67.82	3	Horizontal	104	2.52	-	28.18	4.06	-
PK	2.4846G	63.98	74.00	-10.02	31.44	3	Horizontal	104	2.52	-	28.41	4.13	-
AV	2.4842G	48.06	54.00	-5.94	15.52	3	Horizontal	104	2.52	-	28.41	4.13	-

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

24/09/2020



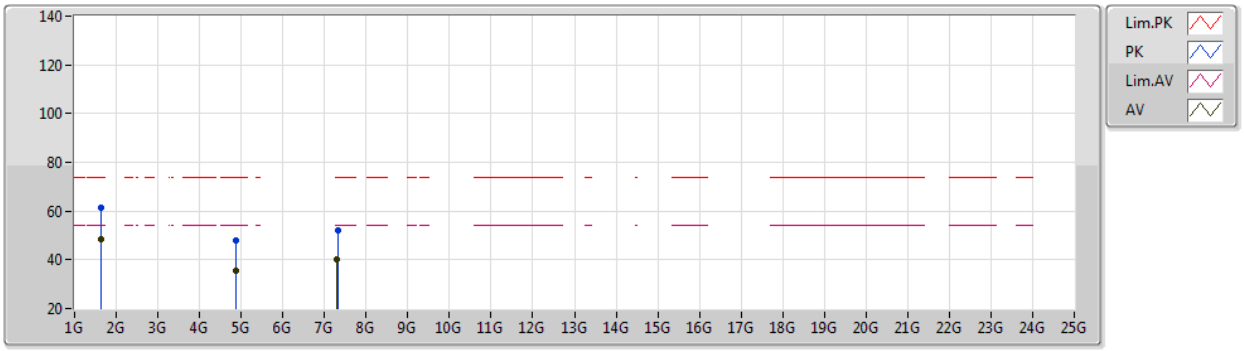
EUT Y_2TX
Setting 19.5
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	1.62487G	64.62	74.00	-9.38	70.05	3	Vertical	65	1.00	-	25.60	3.54	34.57
AV	1.62484G	51.21	54.00	-2.79	56.64	3	Vertical	65	1.00	-	25.60	3.54	34.57
PK	4.87426G	47.49	74.00	-26.51	42.81	3	Vertical	360	2.16	-	33.50	6.54	35.36
AV	4.87425G	35.32	54.00	-18.68	30.64	3	Vertical	360	2.16	-	33.50	6.54	35.36
PK	7.31157G	52.56	74.00	-21.44	43.04	3	Vertical	145	2.44	-	36.75	8.16	35.39
AV	7.31193G	40.02	54.00	-13.98	30.50	3	Vertical	145	2.44	-	36.75	8.16	35.39

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

24/09/2020



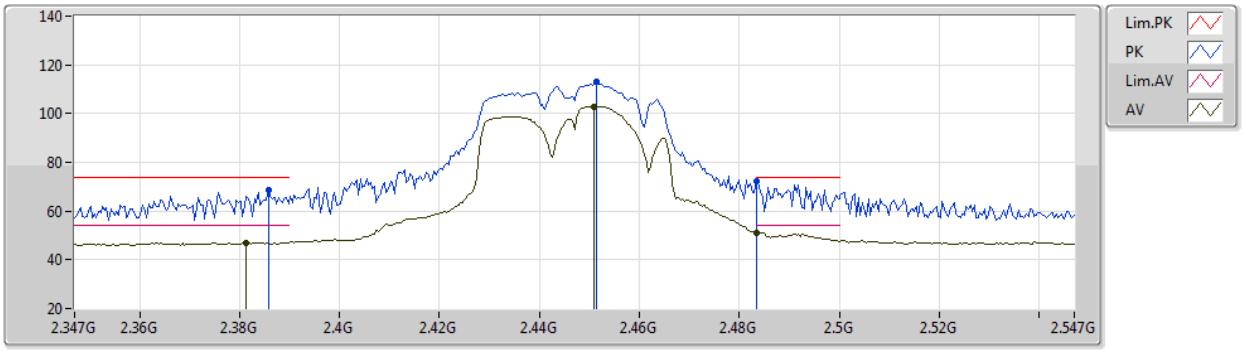
EUT Y_2TX
Setting 19.5
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	1.62463G	61.32	74.00	-12.68	66.75	3	Horizontal	258	1.37	-	25.60	3.54	34.57
AV	1.62507G	48.22	54.00	-5.78	53.65	3	Horizontal	258	1.37	-	25.60	3.54	34.57
PK	4.87426G	47.89	74.00	-26.11	43.21	3	Horizontal	150	2.13	-	33.50	6.54	35.36
AV	4.87498G	35.29	54.00	-18.71	30.61	3	Horizontal	150	2.13	-	33.50	6.54	35.36
PK	7.31149G	52.29	74.00	-21.71	42.77	3	Horizontal	343	2.23	-	36.75	8.16	35.39
AV	7.31G	40.25	54.00	-13.75	30.75	3	Horizontal	343	2.23	-	36.74	8.15	35.39

802.11n HT40_Nss1,(MCS0)_2TX

2447MHz_TX

24/09/2020



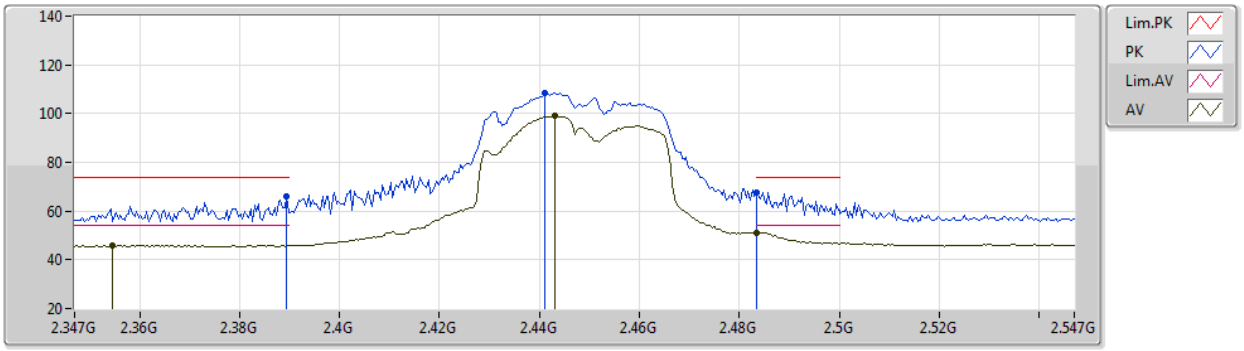
EUT Y_2TX
Setting 19
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3858G	68.42	74.00	-5.58	36.33	3	Vertical	95	2.41	-	28.10	3.99	-
AV	2.3814G	47.03	54.00	-6.97	14.94	3	Vertical	95	2.41	-	28.10	3.99	-
PK	2.4514G	113.03	Inf	-Inf	80.74	3	Vertical	95	2.41	-	28.21	4.08	-
AV	2.451G	103.01	Inf	-Inf	70.72	3	Vertical	95	2.41	-	28.21	4.08	-
PK	2.4835G	72.28	74.00	-1.72	39.75	3	Vertical	95	2.41	-	28.40	4.13	-
AV	2.4835G	51.21	54.00	-2.79	18.68	3	Vertical	95	2.41	-	28.40	4.13	-

802.11n HT40_Nss1,(MCS0)_2TX

2447MHz_TX

24/09/2020



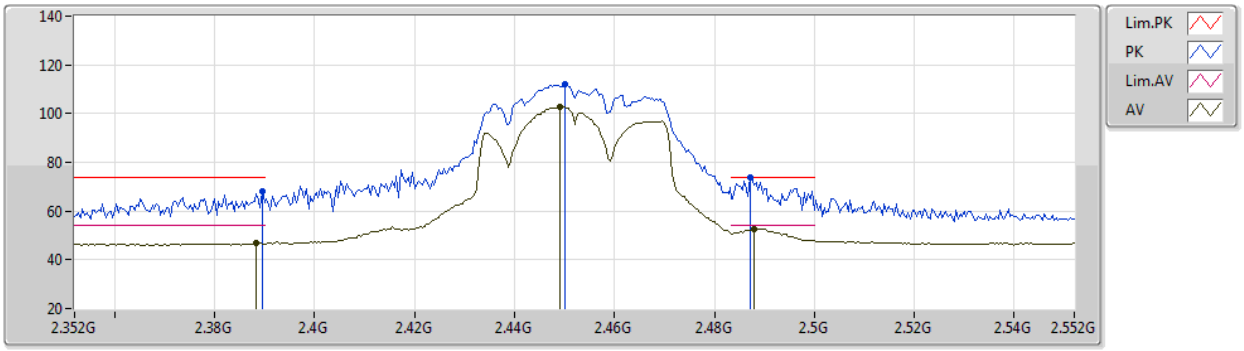
EUT Y_2TX
Setting 19
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3894G	65.83	74.00	-8.17	33.74	3	Horizontal	100	2.25	-	28.10	3.99	-
AV	2.3546G	46.01	54.00	-7.99	13.93	3	Horizontal	100	2.25	-	28.10	3.98	-
PK	2.441G	108.55	Inf	-Inf	76.31	3	Horizontal	100	2.25	-	28.18	4.06	-
AV	2.443G	98.94	Inf	-Inf	66.69	3	Horizontal	100	2.25	-	28.19	4.06	-
PK	2.4835G	67.75	74.00	-6.25	35.22	3	Horizontal	100	2.25	-	28.40	4.13	-
AV	2.4835G	51.22	54.00	-2.78	18.69	3	Horizontal	100	2.25	-	28.40	4.13	-

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

24/09/2020



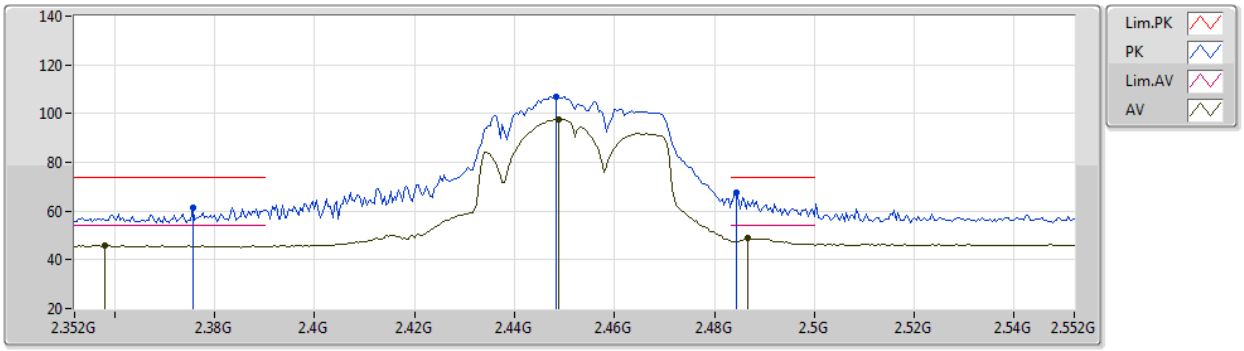
EUT Y_2TX
Setting 18
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3896G	68.04	74.00	-5.96	35.95	3	Vertical	84	2.63	-	28.10	3.99	-
AV	2.3884G	46.76	54.00	-7.24	14.67	3	Vertical	84	2.63	-	28.10	3.99	-
PK	2.45G	112.00	Inf	-Inf	79.72	3	Vertical	84	2.63	-	28.20	4.08	-
AV	2.4492G	102.63	Inf	-Inf	70.36	3	Vertical	84	2.63	-	28.20	4.07	-
PK	2.4872G	73.79	74.00	-0.21	41.24	3	Vertical	84	2.63	-	28.42	4.13	-
AV	2.488G	52.84	54.00	-1.16	20.28	3	Vertical	84	2.63	-	28.43	4.13	-

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

24/09/2020



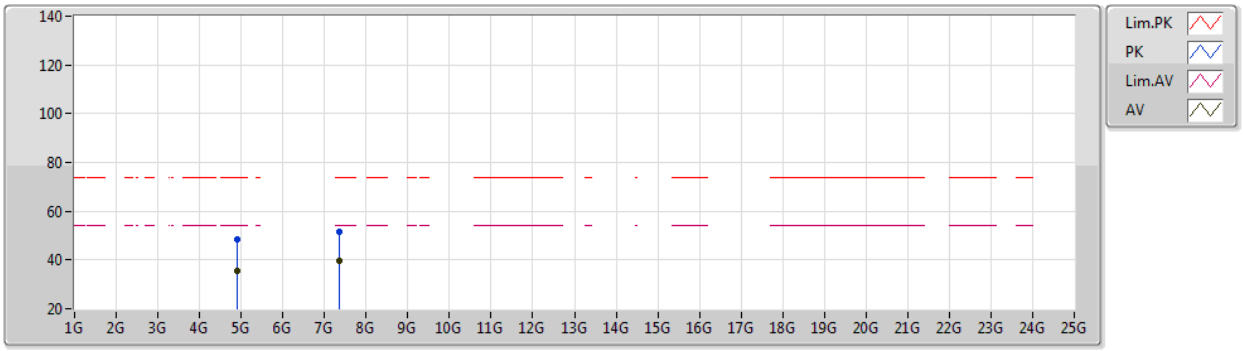
EUT Y_2TX
Setting 18
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3756G	61.39	74.00	-12.61	29.30	3	Horizontal	86	2.00	-	28.10	3.99	-
AV	2.358G	45.88	54.00	-8.12	13.80	3	Horizontal	86	2.00	-	28.10	3.98	-
PK	2.4484G	106.92	Inf	-Inf	74.65	3	Horizontal	86	2.00	-	28.20	4.07	-
AV	2.4488G	97.55	Inf	-Inf	65.28	3	Horizontal	86	2.00	-	28.20	4.07	-
PK	2.4844G	67.35	74.00	-6.65	34.81	3	Horizontal	86	2.00	-	28.41	4.13	-
AV	2.4868G	49.02	54.00	-4.98	16.47	3	Horizontal	86	2.00	-	28.42	4.13	-

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

24/09/2020



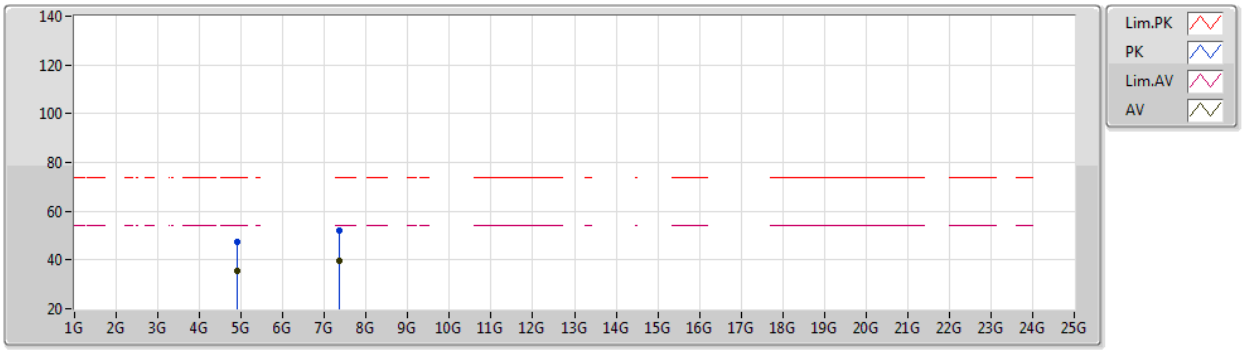
EUT Y_2TX
Setting 18
03-C-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.90482G	48.21	74.00	-25.79	43.47	3	Vertical	60	1.19	-	33.58	6.55	35.39
AV	4.90376G	35.43	54.00	-18.57	30.69	3	Vertical	60	1.19	-	33.58	6.55	35.39
PK	7.35589G	51.68	74.00	-22.32	42.02	3	Vertical	229	1.69	-	36.89	8.18	35.41
AV	7.35688G	39.90	54.00	-14.10	30.24	3	Vertical	229	1.69	-	36.89	8.18	35.41

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

24/09/2020



EUT Y_2TX
Setting 18
03-C-J-7

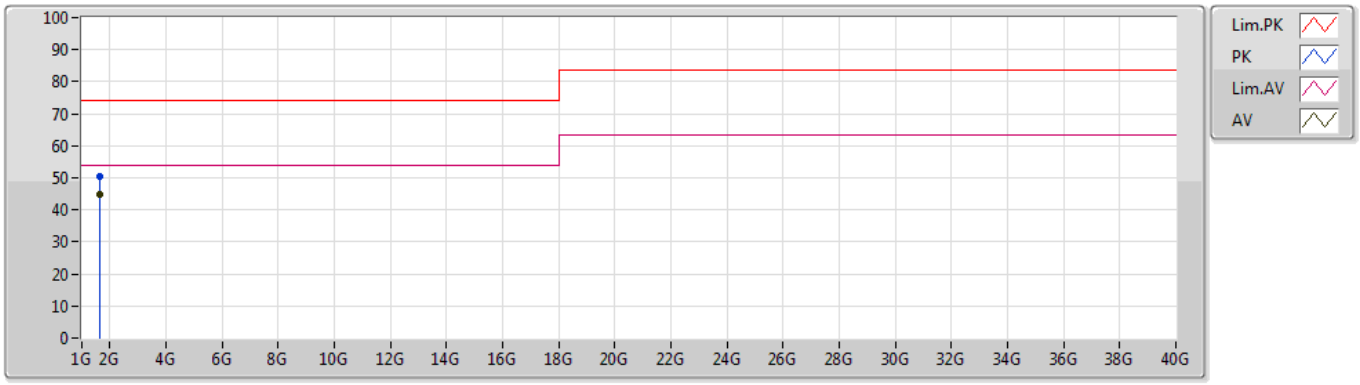
Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.90358G	47.47	74.00	-26.53	42.72	3	Horizontal	37	1.46	-	33.59	6.55	35.39
AV	4.90302G	35.58	54.00	-18.42	30.83	3	Horizontal	37	1.46	-	33.59	6.55	35.39
PK	7.35679G	51.89	74.00	-22.11	42.23	3	Horizontal	96	2.78	-	36.89	8.18	35.41
AV	7.35567G	39.82	54.00	-14.18	30.16	3	Horizontal	96	2.78	-	36.89	8.18	35.41

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	1.62465G	44.75	54.00	-9.25	Vertical

Mode 1

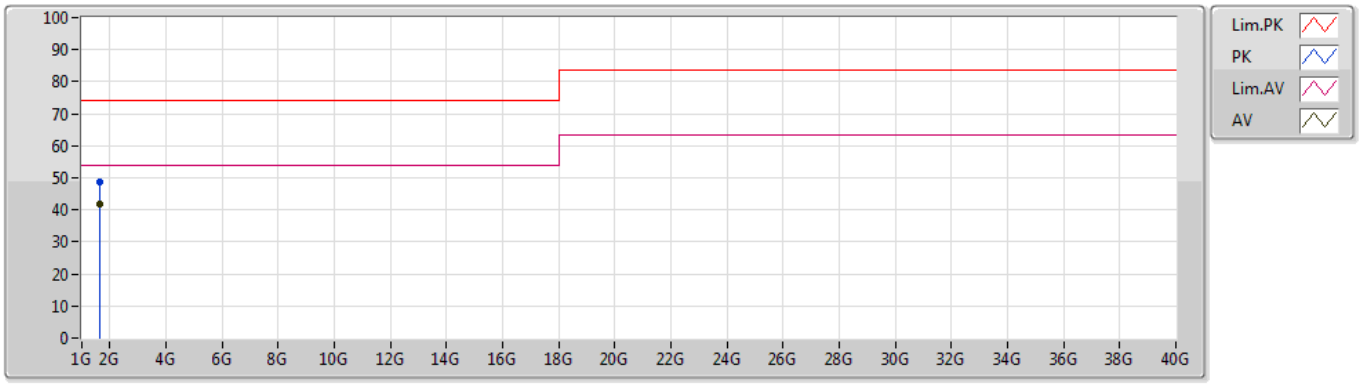
10/12/2020



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	1.62491G	50.60	74.00	-23.40	-5.25	3	Vertical	74	1.21	-	55.85	25.60	3.72	34.57
AV	1.62465G	44.75	54.00	-9.25	-5.25	3	Vertical	74	1.21	"Worst"	50.00	25.60	3.72	34.57

Mode 1

10/12/2020



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	1.62467G	48.77	74.00	-25.23	-5.25	3	Horizontal	230	1.18	-	54.02	25.60	3.72	34.57
AV	1.6247G	42.02	54.00	-11.98	-5.25	3	Horizontal	230	1.18	"Worst"	47.27	25.60	3.72	34.57