FCC RADIO TEST REPORT

FCC ID	:	2AYRA-03678
Equipment	:	AC750 Dual Band Wi-Fi Range Extender
Brand Name	:	LINKSYS
Model Name	:	RE6300 V2
Applicant	:	Linksys USA, Inc. 12045 East Waterfront Drive Playa Vista, CA. 90094, USA
Standard	:	47 CFR FCC Part 15.247

The product was received on Nov. 17, 2020, and testing was started from Nov. 17, 2020 and completed on Feb. 18, 2021. 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: Cliff Chang

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
FR0D0335AA	01	Initial issue of report	Feb. 26, 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: Sandy Chuang

1 General Description

1.1 Information

1.1.1 RF General Information

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

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

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

1.1.2 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)	
						2.4GHz	5GHz
1	1	N/A	N/A	Dipole Antenna	I-PEX	3.8	3.8
2	2	N/A	N/A	Dipole Antenna	I-PEX	3.3	3.7

Note: The above information was declared by manufacturer.

For 2.4GHz Function:

For IEEE 802.11b/g/n (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 Function:

For IEEE 802.11a/n/ac (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	0.994	0.03	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g	0.945	0.25	1.4m	1k
802.11n HT20	0.927	0.33	1.313m	1k
802.11n HT40	0.868	0.61	652.5u	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 n/ac in 5GHz.			
Function	☒	Point-to-multipoint	☐	Point-to-point
Test Software Version	MT7663 QA 0.0.2.8			

Note: The above information was declared by manufacturer.

1.1.5 Table for EUT support function.

Function
AP Mode
Extender Mode

Note: The EUT supports AP and Extender mode, only AP Mode was tested and recorded in this test report by manufacturer request.

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 (°C / %)	Test Date
RF Conducted	TH01-CB	Serway Li	21.4-23.1 / 57-58	Dec. 16, 2020~ Feb. 18, 2021
Radiated (Below 1GHz)	03CH05-CB	JN Tu	21.3-22.9 / 55-57	Nov. 17, 2020~ Feb. 01, 2021
Radiated (Above 1GHz)	03CH03-CB	JN Tu	24.4-25.2 / 56-58	Nov. 17, 2020~ Feb. 01, 2021
Radiated (Co-Location)	03CH05-CB	JN Tu	21.3-22.9 / 55-57	Nov. 17, 2020~ Feb. 01, 2021
AC Conduction	CO02-CB	Ryo Fan	23~24 / 62~63	Feb. 01, 2021

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	22
2437MHz	28
2462MHz	24
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	1A
2417MHz	1E
2437MHz	2A
2457MHz	21
2462MHz	19
802.11n HT20_Nss1,(MCS0)_2TX	-
2412MHz	17
2417MHz	1E
2437MHz	2A
2457MHz	20
2462MHz	18
802.11n HT40_Nss1,(MCS0)_2TX	-
2422MHz	12
2427MHz	15
2437MHz	1B
2447MHz	17
2452MHz	14

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_AP

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	Normal LInk
1	EUT_AP in Z axis
2	EUT_AP in Y axis
For operating mode 2 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX_EUT in Y axis
The EUT was performed at X axis, Y axis and Z axis position for Radiated measurement, and the worst case was found at Y axis. So the measurement will follow this same test configuration.	

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
The EUT was performed at X axis, Y axis and Z axis position for Emissions in Restricted Frequency Bands above 1GHz, and the worst case was found at Y axis. So the measurement will follow this same test configuration.	
1	WLAN 2.4G + WLAN 5GHz_Place EUT in Y axis
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 2.4G + WLAN 5GHz
Refer to Sporton Test Report No.: FA0D0335 for Co-location RF Exposure Evaluation.	

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

N/A

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	2.4G NB	DELL	E6430	N/A
C	5G NB	DELL	E6430	N/A

For Radiated (below 1GHz):

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	LAN NB	DELL	E4300	N/A
B	2.4G NB	DELL	E4300	N/A
C	5G NB	DELL	E4300	N/A

For Radiated (above 1GHz):

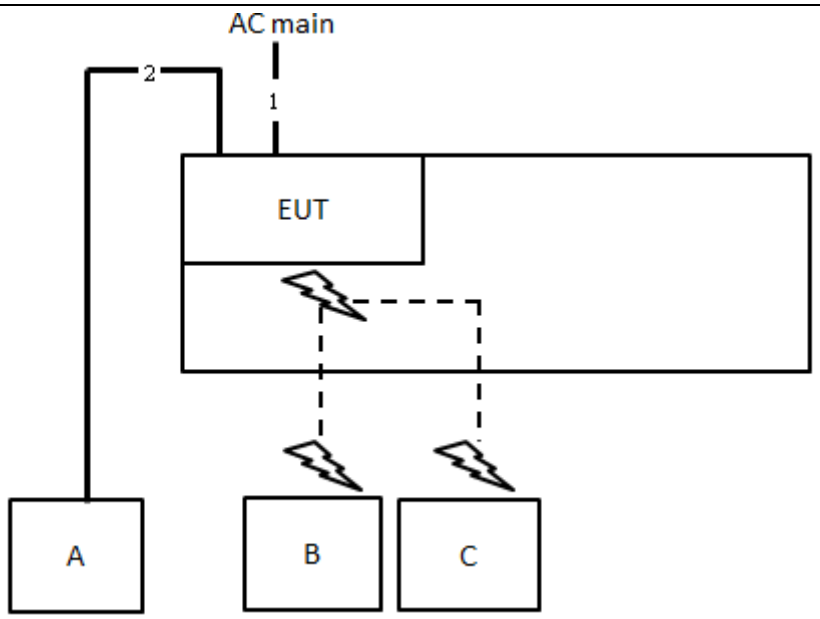
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A

For RF Conducted:

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

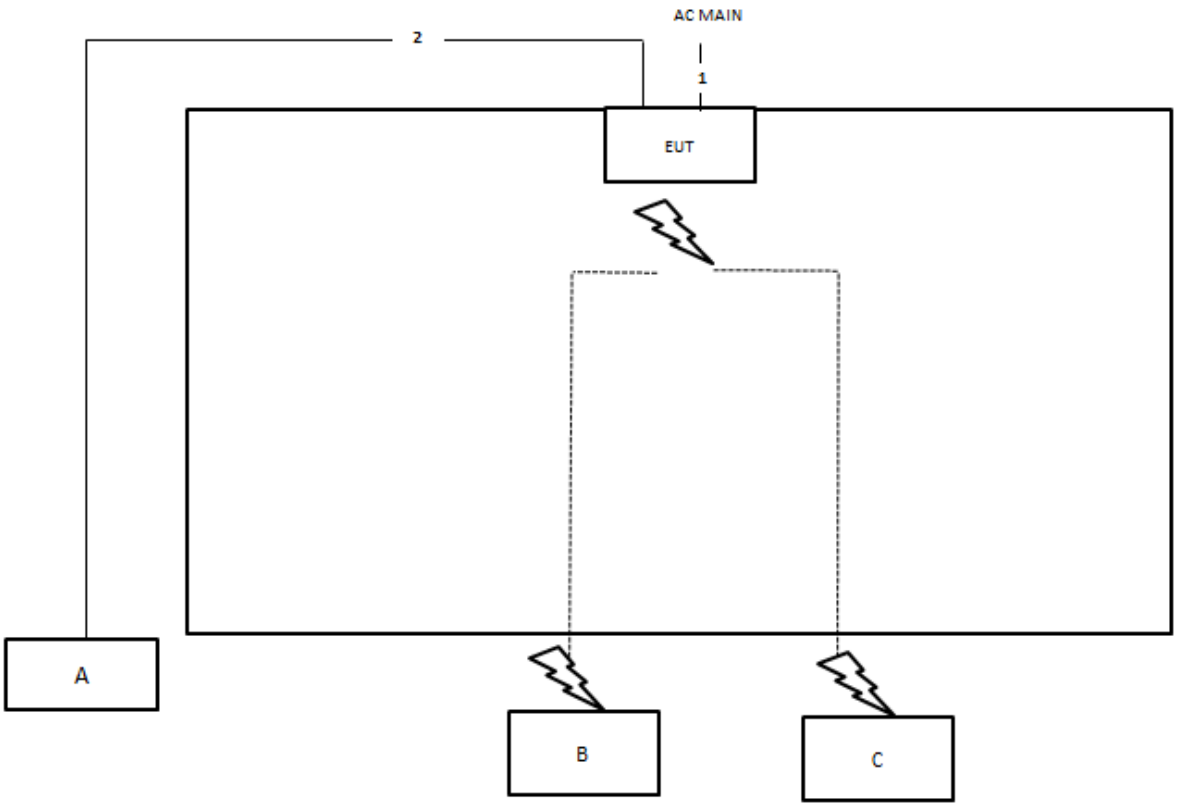
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



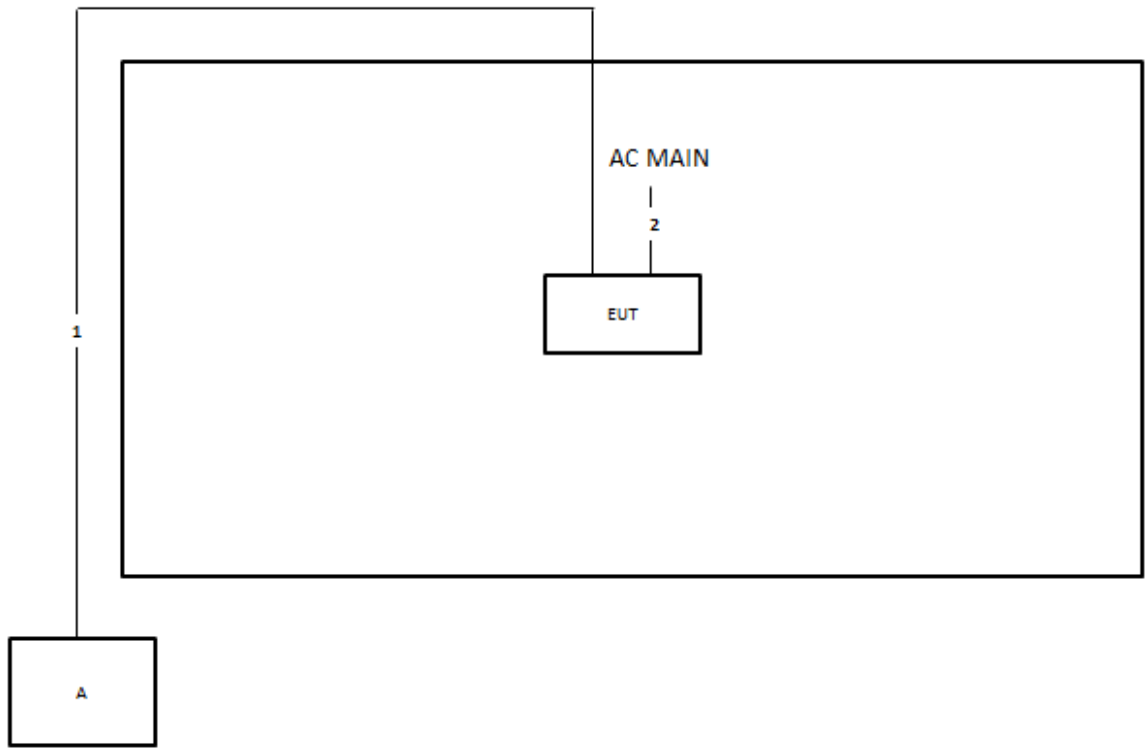
Item	Connection	Shielded	Length
1	Power cable	No	0.8m
2	RJ-45 cable	No	10m

Test Setup Diagram - Radiated Test < 1GHz



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

Test Setup Diagram - Radiated Test > 1GHz



Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	Power cable	No	0.8m

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

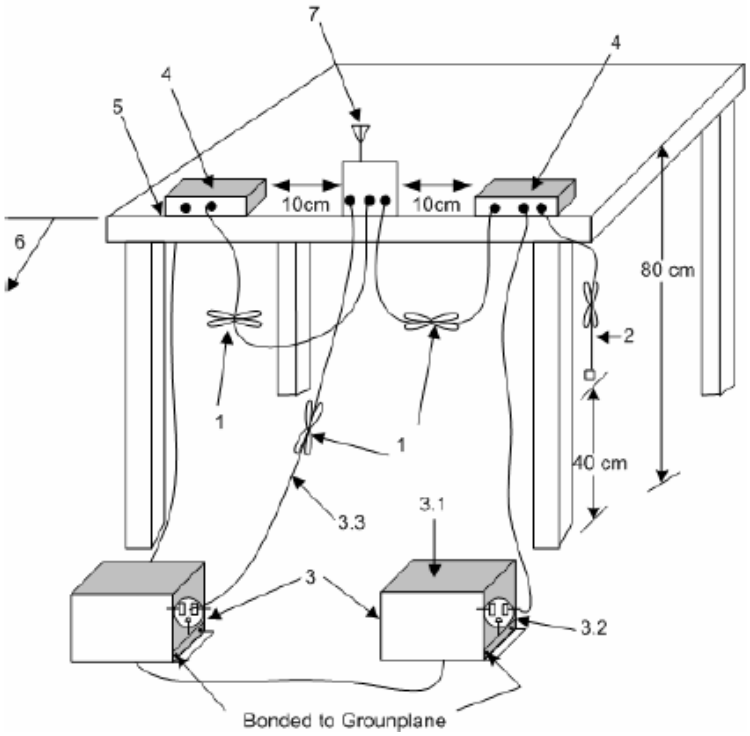
Refer a test equipment and calibration data table in this test report.

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.

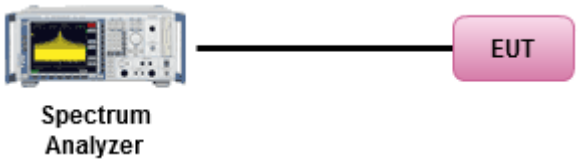
3.2.2 Measuring Instruments

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.	

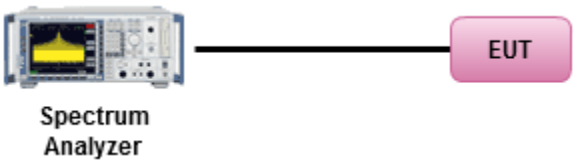
3.5.2 Measuring Instruments

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.

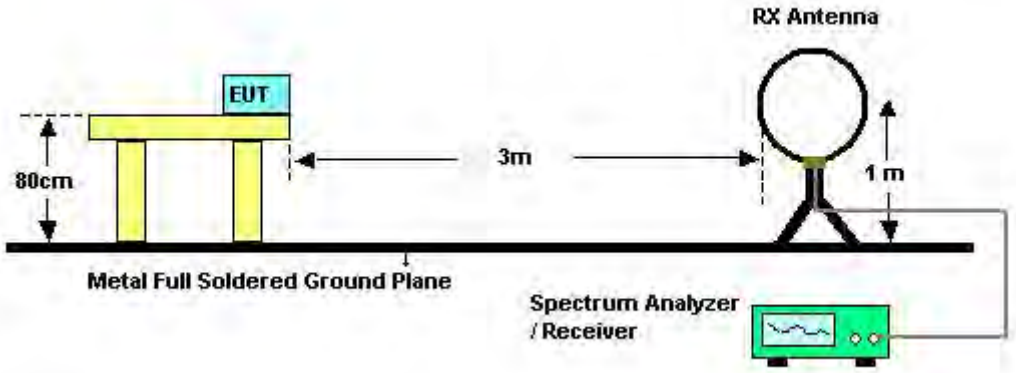
3.6.3 Test Procedures

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.		

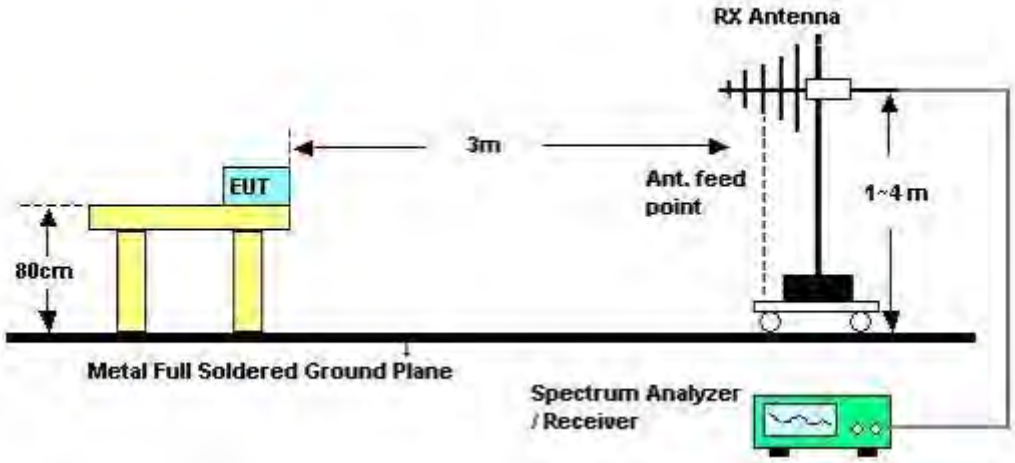
3.6.4 Test Setup

Radiated - Emissions in Restricted Frequency Bands

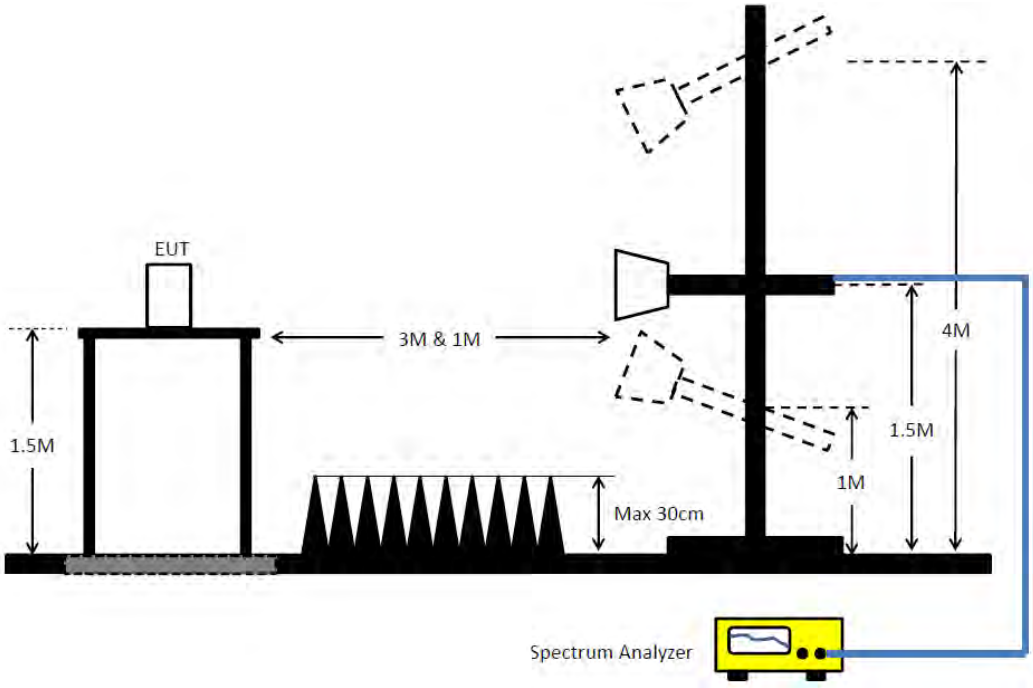
9kHz ~30MHz



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	Dec. 04, 2020	Dec. 03, 2021	Conduction (CO02-CB)
LISN	Schwarzbeck	NSLK 8127	8127478	9kHz ~ 30MHz	Nov. 20, 2020	Nov. 19, 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. 20, 2020	Oct. 19, 2021	Conduction (CO02-CB)
Pulse Limiter	Schwarzbeck	VTSD 9561F-N	00378	9kHz ~ 30MHz	Mar. 19, 2020	Mar. 18, 2021	Conduction (CO02-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO02-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Apr. 13, 2020	Apr. 12, 2021	Radiation (03CH05-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Aug. 10, 2020	Aug. 09, 2021	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Nov. 08, 2020	Nov. 07, 2021	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 27, 2020	Mar. 26, 2021	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120 D-1291	1GHz~18GHz	Sep. 05, 2020	Sep. 04, 2021	Radiation (03CH05-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 21, 2020	Jul. 20, 2021	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	Apr. 28, 2020	Apr. 27, 2021	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz – 26.5GHz	Jul. 03, 2020	Jul. 02, 2021	Radiation (03CH05-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 08, 2020	Jul. 07, 2021	Radiation (03CH05-CB)
Signal Analyzer	R&S	FSV40	101904	9kHz ~ 40GHz	May 12, 2020	May 11, 2021	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH05-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH03-CB	1GHz ~18GHz 3m	May 28, 2020	May 27, 2021	Radiation (03CH03-CB)
Horn Antenna	COM-POWER	AH-118	071028	1GHz ~ 18GHz	Jun. 09, 2020	Jun. 08, 2021	Radiation (03CH03-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 21, 2020	Jul. 20, 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)
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	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)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 05, 2020	May 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz –26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz –26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz –26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-30	1 GHz –26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
Power Sensor	Anritsu	MA2411B	1339408	300MHz~40GHz	Sep. 02, 2020	Sep. 01, 2021	Conducted (TH01-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Power Meter	Anritsu	ML2495A	1517009	300MHz~40GHz	Sep. 02, 2020	Sep. 01, 2021	Conducted (TH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH01-CB)

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

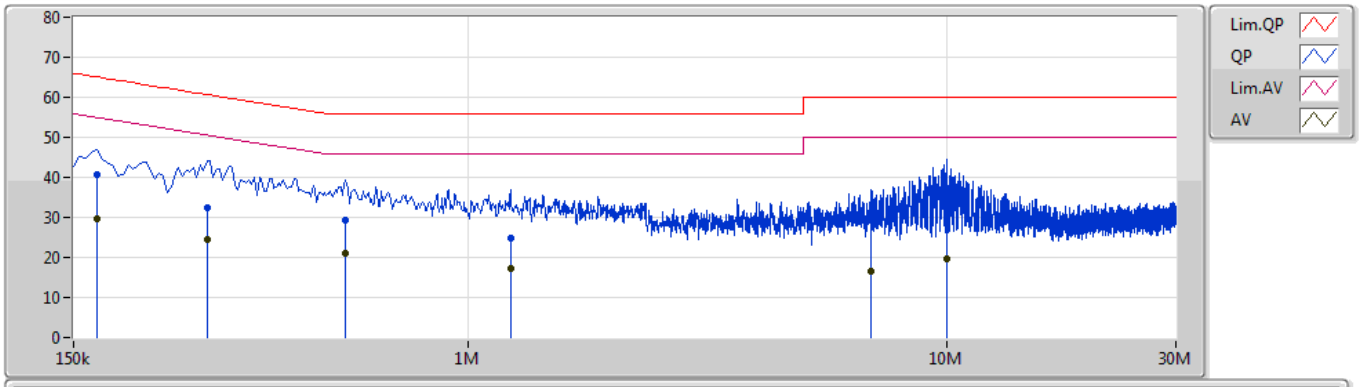
NCR means Non-Calibration required.

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	532.5k	25.43	46.00	-20.57	Neutral

Mode 1

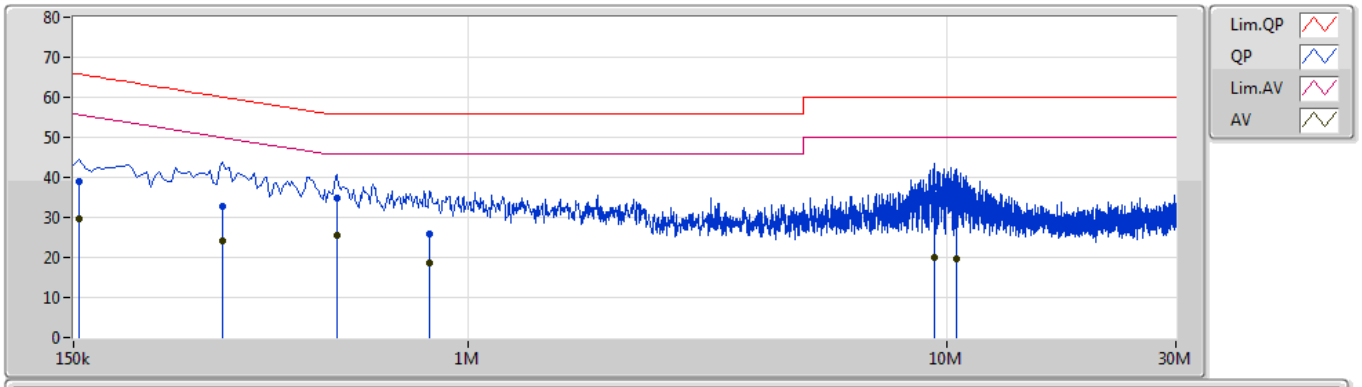
01/02/2021



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	168k	40.52	65.06	-24.54	10.30	Line	-	30.22	0.07	0.07	10.16
AV	168k	29.70	55.06	-25.36	10.30	Line	-	19.40	0.07	0.07	10.16
QP	285k	32.47	60.67	-28.20	10.27	Line	-	22.20	0.08	0.06	10.13
AV	285k	24.58	50.67	-26.09	10.27	Line	-	14.31	0.08	0.06	10.13
QP	555k	29.25	56.00	-26.75	10.25	Line	-	19.00	0.08	0.07	10.10
AV	555k	20.92	46.00	-25.08	10.25	Line	-	10.67	0.08	0.07	10.10
QP	1.226M	24.85	56.00	-31.15	10.31	Line	-	14.54	0.10	0.09	10.12
AV	1.226M	17.31	46.00	-28.69	10.31	Line	-	7.00	0.10	0.09	10.12
QP	6.945M	30.71	60.00	-29.29	10.57	Line	-	20.14	0.22	0.19	10.16
AV	6.945M	16.62	50.00	-33.38	10.57	Line	-	6.05	0.22	0.19	10.16
QP	9.974M	36.64	60.00	-23.36	10.66	Line	"Worst"	25.98	0.27	0.22	10.17
AV	9.974M	19.66	50.00	-30.34	10.66	Line	-	9.00	0.27	0.22	10.17

Mode 1

01/02/2021



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	154.5k	38.89	65.75	-26.86	10.28	Neutral	-	28.61	0.06	0.07	10.15
AV	154.5k	29.64	55.75	-26.11	10.28	Neutral	-	19.36	0.06	0.07	10.15
QP	307.5k	32.86	60.03	-27.17	10.25	Neutral	-	22.61	0.06	0.06	10.13
AV	307.5k	24.17	50.03	-25.86	10.25	Neutral	-	13.92	0.06	0.06	10.13
QP	532.5k	34.98	56.00	-21.02	10.24	Neutral	-	24.74	0.07	0.07	10.10
AV	532.5k	25.43	46.00	-20.57	10.24	Neutral	"Worst"	15.19	0.07	0.07	10.10
QP	829.5k	25.94	56.00	-30.06	10.27	Neutral	-	15.67	0.08	0.08	10.11
AV	829.5k	18.58	46.00	-27.42	10.27	Neutral	-	8.31	0.08	0.08	10.11
QP	9.402M	37.71	60.00	-22.29	10.59	Neutral	-	27.12	0.21	0.21	10.17
AV	9.402M	20.15	50.00	-29.85	10.59	Neutral	-	9.56	0.21	0.21	10.17
QP	10.455M	37.20	60.00	-22.80	10.61	Neutral	-	26.59	0.22	0.22	10.17
AV	10.455M	19.68	50.00	-30.32	10.61	Neutral	-	9.07	0.22	0.22	10.17

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	10.1M	17.116M	17M1G1D	10.025M	14.543M
802.11g_Nss1,(6Mbps)_2TX	15.1M	26.387M	26M4D1D	15.05M	16.342M
802.11n HT20_Nss1,(MCS0)_2TX	15.625M	27.661M	27M7D1D	13.875M	17.491M
802.11n HT40_Nss1,(MCS0)_2TX	35.05M	36.182M	36M2D1D	32.55M	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

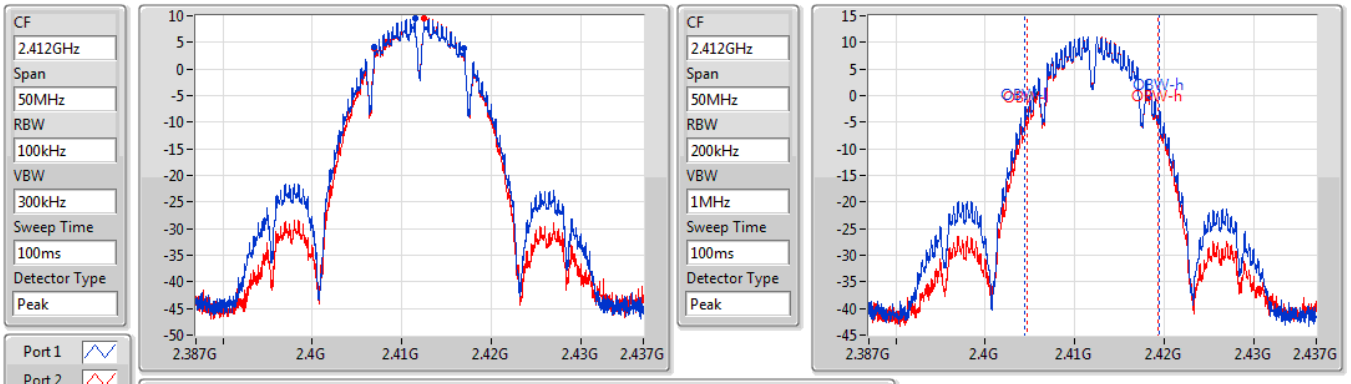
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	10.05M	15.092M	10.025M	14.543M
2437MHz	Pass	500k	10.1M	17.116M	10.075M	15.392M
2462MHz	Pass	500k	10.075M	15.592M	10.025M	14.618M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	15.075M	16.617M	15.075M	16.392M
2437MHz	Pass	500k	15.1M	26.387M	15.05M	20.165M
2462MHz	Pass	500k	15.05M	16.567M	15.05M	16.342M
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	13.875M	17.566M	15.075M	17.516M
2437MHz	Pass	500k	15.075M	27.661M	15.125M	21.964M
2462MHz	Pass	500k	15.075M	17.566M	15.625M	17.491M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	32.55M	36.032M	35.05M	35.982M
2437MHz	Pass	500k	35.05M	36.182M	35M	35.982M
2452MHz	Pass	500k	33.75M	35.932M	35.05M	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

17/12/2020

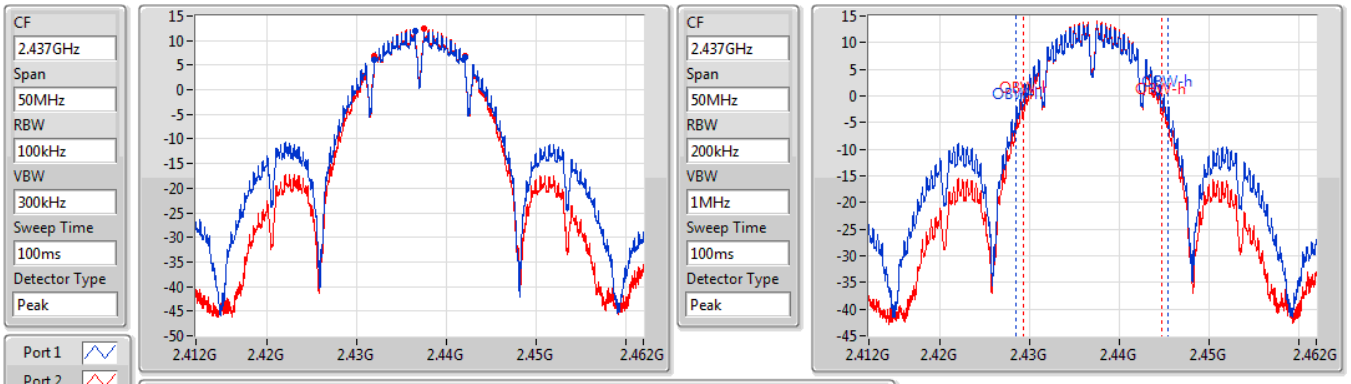


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10.05M	2.40695G	2.417G	15.092M	2.404379G	2.419471G	500k	1
10.025M	2.406975G	2.417G	14.543M	2.404704G	2.419246G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2437MHz

17/12/2020

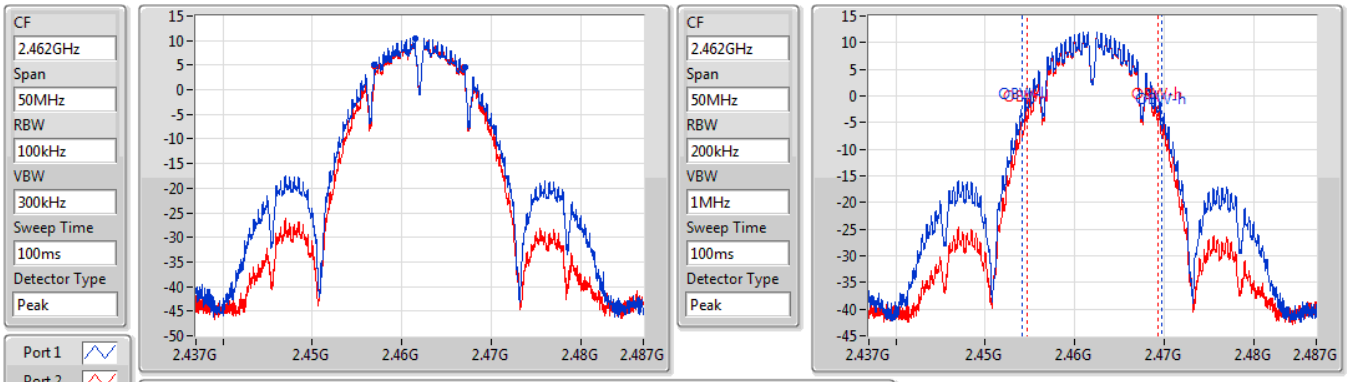


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10.1M	2.431925G	2.442025G	17.116M	2.428379G	2.445496G	500k	1
10.075M	2.43195G	2.442025G	15.392M	2.429304G	2.444696G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2462MHz

17/12/2020

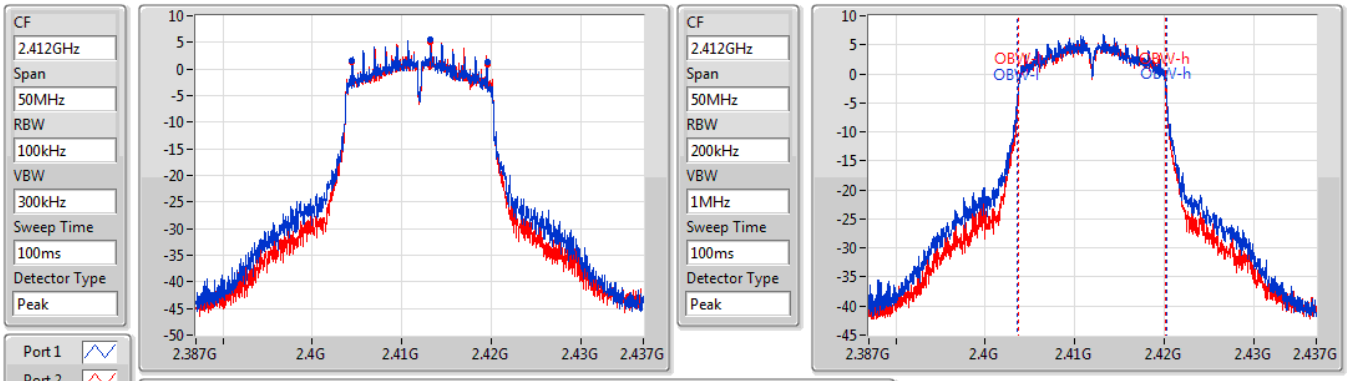


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10.075M	2.45695G	2.467025G	15.592M	2.454079G	2.469671G	500k	1
10.025M	2.456975G	2.467G	14.618M	2.454654G	2.469271G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2412MHz

17/12/2020

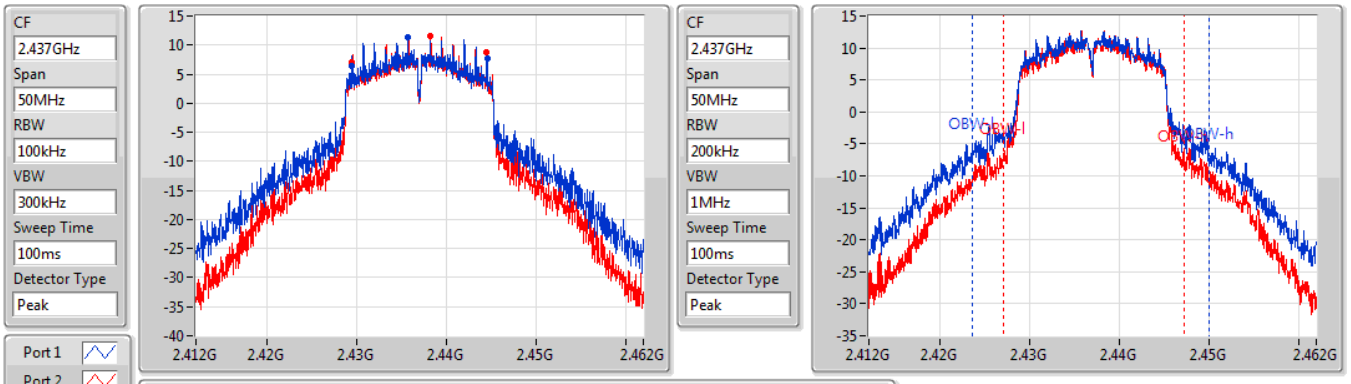


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.075M	2.40445G	2.419525G	16.617M	2.403604G	2.420221G	500k	1
15.075M	2.40445G	2.419525G	16.392M	2.403779G	2.420171G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2437MHz

17/12/2020

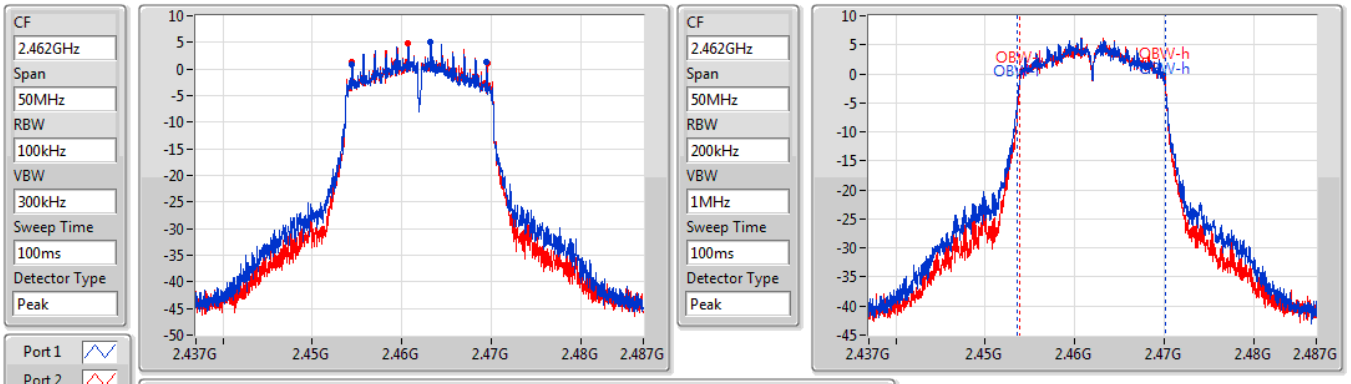


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.1M	2.429425G	2.444525G	26.387M	2.423582G	2.449969G	500k	1
15.05M	2.42945G	2.4445G	20.165M	2.427055G	2.44722G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2462MHz

17/12/2020

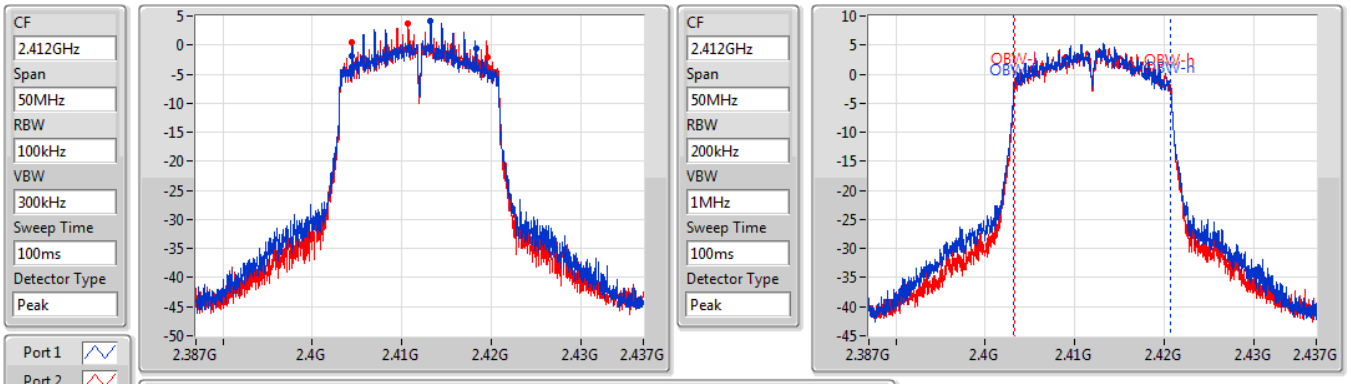


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.05M	2.45445G	2.4695G	16.567M	2.453629G	2.470196G	500k	1
15.05M	2.454475G	2.469525G	16.342M	2.453804G	2.470146G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

2412MHz

17/12/2020

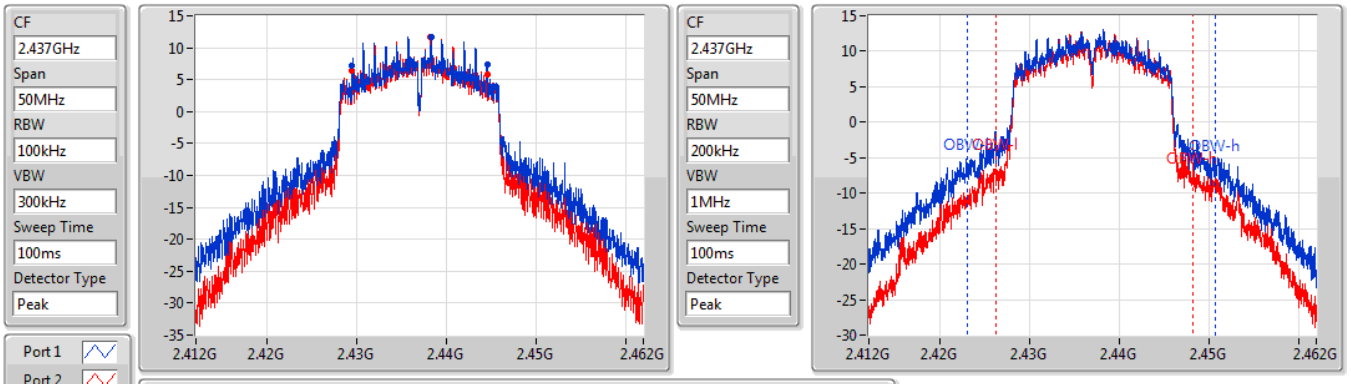


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
13.875M	2.404425G	2.4183G	17.566M	2.403179G	2.420746G	500k	1
15.075M	2.404475G	2.41955G	17.516M	2.403229G	2.420746G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

2437MHz

17/12/2020

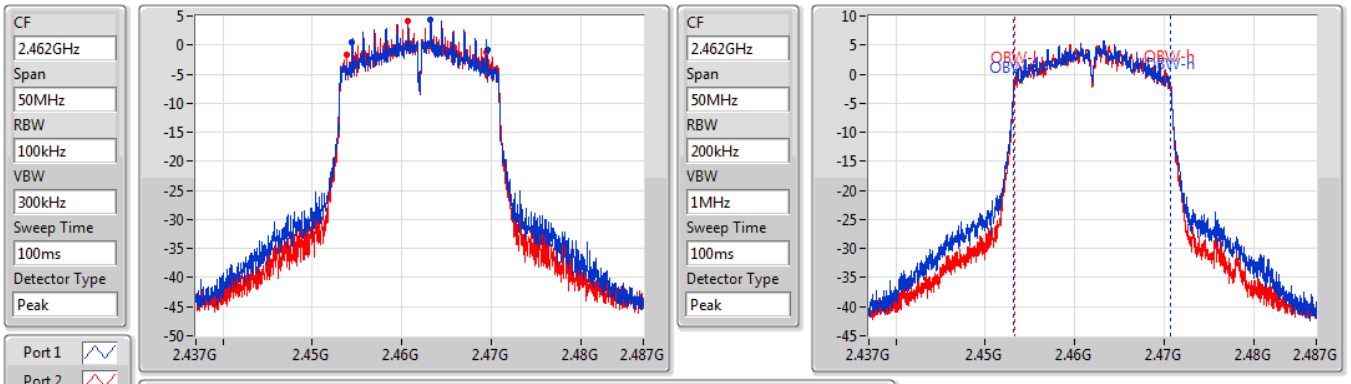


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.075M	2.42945G	2.444525G	27.661M	2.423057G	2.450718G	500k	1
15.125M	2.429425G	2.44455G	21.964M	2.42618G	2.448144G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

2462MHz

17/12/2020

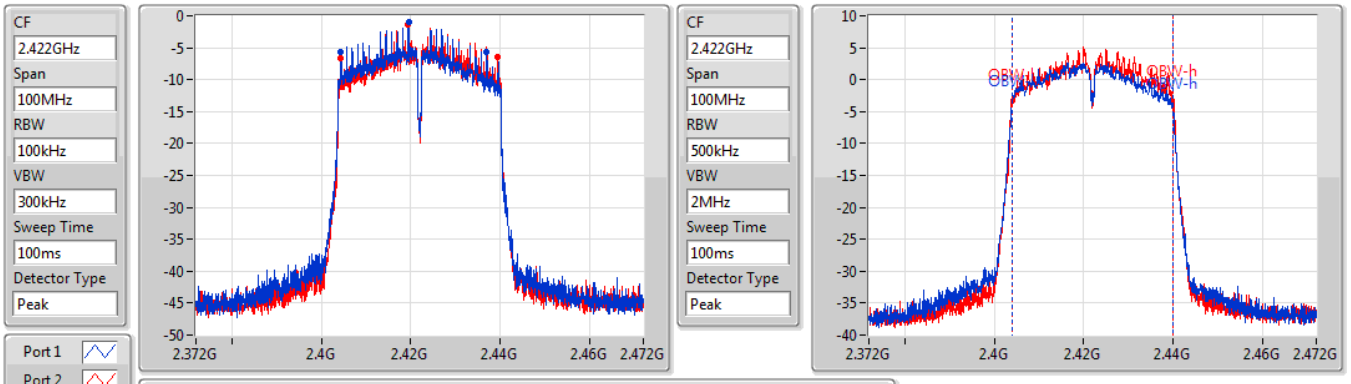


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.075M	2.45445G	2.469525G	17.566M	2.453179G	2.470746G	500k	1
15.625M	2.45385G	2.469475G	17.491M	2.453229G	2.470721G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

2422MHz

17/12/2020

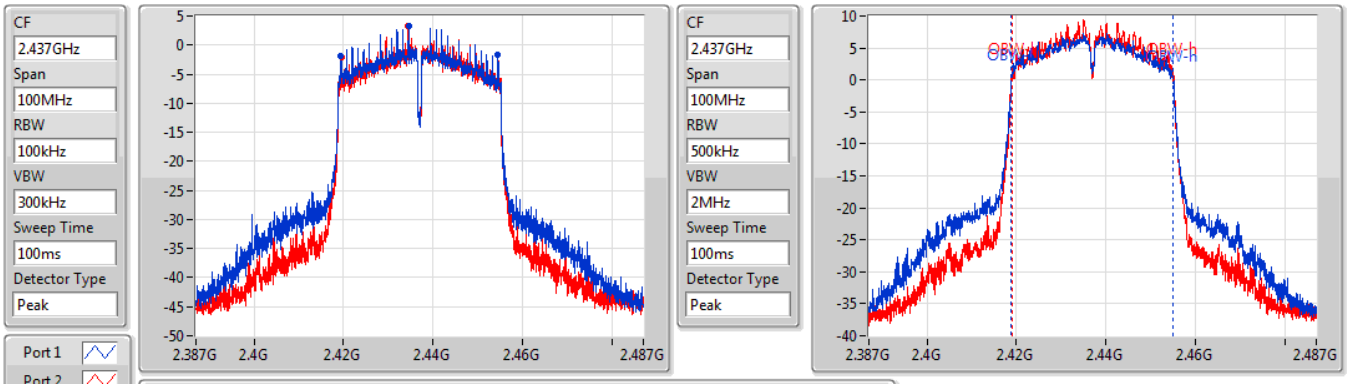


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
32.55M	2.40445G	2.437G	36.032M	2.403909G	2.439941G	500k	1
35.05M	2.40445G	2.4395G	35.982M	2.404009G	2.439991G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

2437MHz

17/12/2020

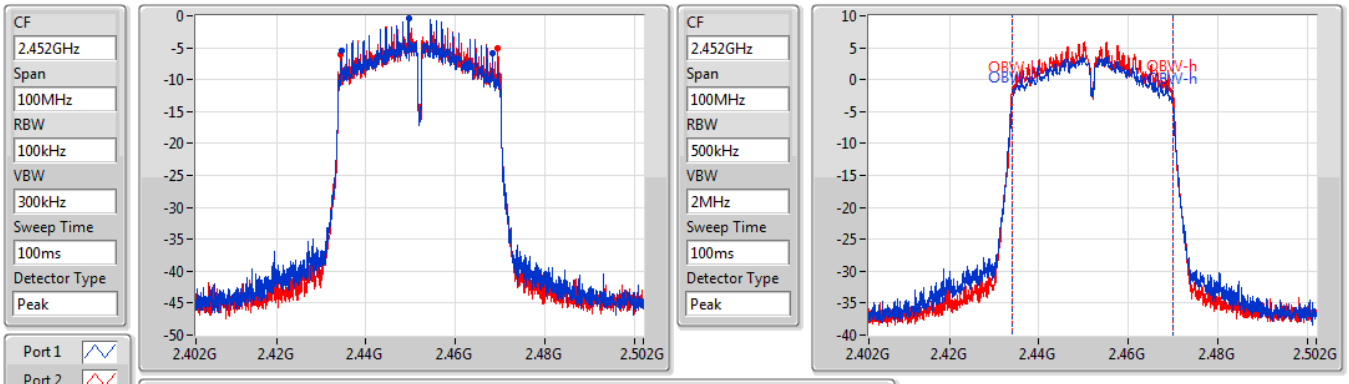


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.05M	2.41945G	2.4545G	36.182M	2.418859G	2.455041G	500k	1
35M	2.4195G	2.4545G	35.982M	2.419009G	2.454991G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

2452MHz

17/12/2020



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
33.75M	2.4345G	2.46825G	35.932M	2.433959G	2.469891G	500k	1
35.05M	2.43445G	2.4695G	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	25.71	0.37239
802.11g_Nss1,(6Mbps)_2TX	24.69	0.29444
802.11n HT20_Nss1,(MCS0)_2TX	24.59	0.28774
802.11n HT40_Nss1,(MCS0)_2TX	19.07	0.08072

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.80	19.67	19.80	22.75	30.00
2437MHz	Pass	3.80	22.50	22.90	25.71	30.00
2462MHz	Pass	3.80	20.79	20.82	23.82	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.80	15.74	15.93	18.85	30.00
2417MHz	Pass	3.80	17.59	17.84	20.73	30.00
2437MHz	Pass	3.80	21.78	21.58	24.69	30.00
2457MHz	Pass	3.80	19.00	19.33	22.18	30.00
2462MHz	Pass	3.80	15.25	15.44	18.36	30.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.80	14.31	14.49	17.41	30.00
2417MHz	Pass	3.80	17.42	17.58	20.51	30.00
2437MHz	Pass	3.80	21.66	21.49	24.59	30.00
2457MHz	Pass	3.80	18.49	18.78	21.65	30.00
2462MHz	Pass	3.80	14.64	15.07	17.87	30.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	3.80	11.54	11.62	14.59	30.00
2427MHz	Pass	3.80	13.19	12.88	16.05	30.00
2437MHz	Pass	3.80	16.05	16.07	19.07	30.00
2447MHz	Pass	3.80	14.07	14.02	17.06	30.00
2452MHz	Pass	3.80	12.45	12.64	15.56	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	-1.13
802.11g_Nss1,(6Mbps)_2TX	-2.06
802.11n HT20_Nss1,(MCS0)_2TX	-3.12
802.11n HT40_Nss1,(MCS0)_2TX	-11.11

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

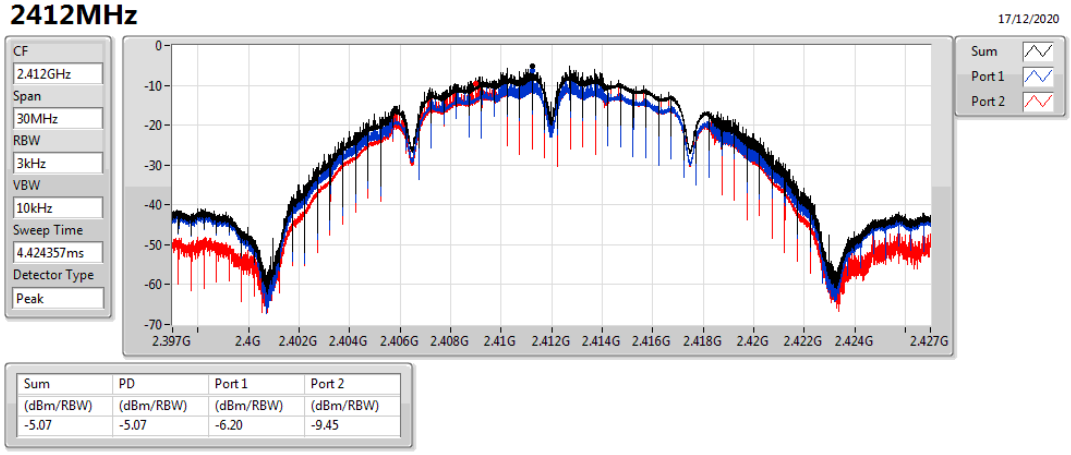
Result

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	6.56	-6.20	-9.45	-5.07	7.44
2437MHz	Pass	6.56	-4.05	-2.73	-1.13	7.44
2462MHz	Pass	6.56	-6.11	-4.70	-3.76	7.44
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.56	-9.70	-10.73	-8.73	7.44
2437MHz	Pass	6.56	-5.09	-5.05	-2.06	7.44
2462MHz	Pass	6.56	-11.57	-11.96	-9.51	7.44
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.56	-11.87	-13.18	-9.73	7.44
2437MHz	Pass	6.56	-5.56	-4.56	-3.12	7.44
2462MHz	Pass	6.56	-10.84	-11.78	-9.58	7.44
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	6.56	-17.41	-16.49	-15.04	7.44
2437MHz	Pass	6.56	-12.17	-13.66	-11.11	7.44
2452MHz	Pass	6.56	-16.07	-16.41	-14.26	7.44

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

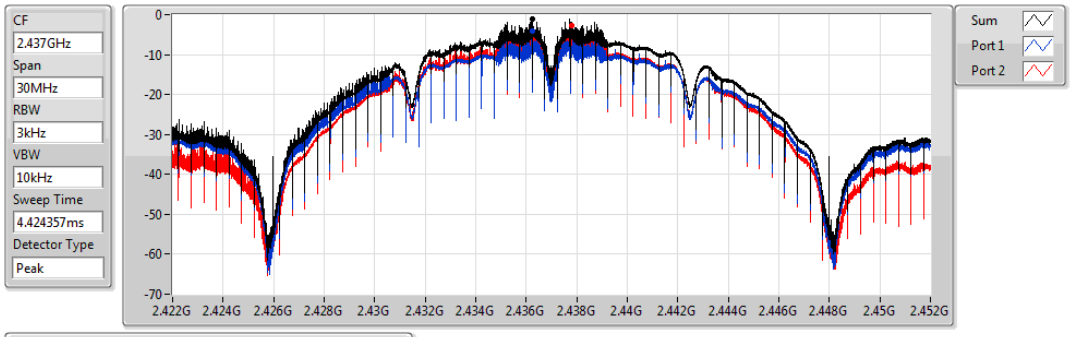
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.07	-5.07	-6.20	-9.45

802.11b_Nss1,(1Mbps)_2TX PSD

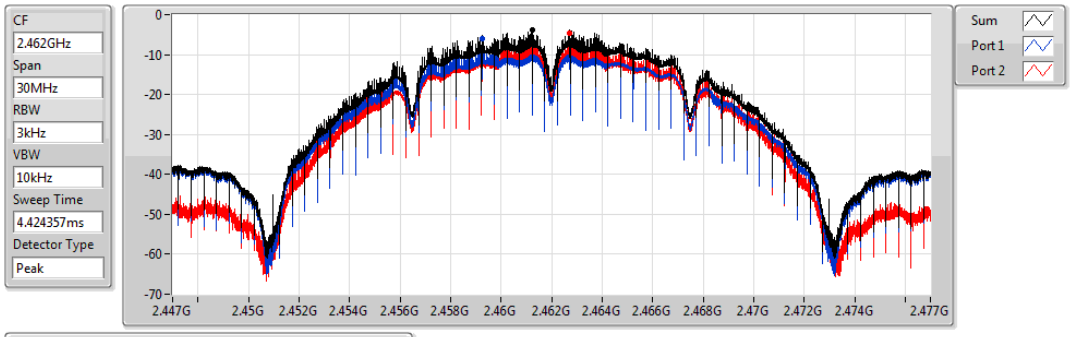
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.13	-1.13	-4.05	-2.73

802.11b_Nss1,(1Mbps)_2TX PSD

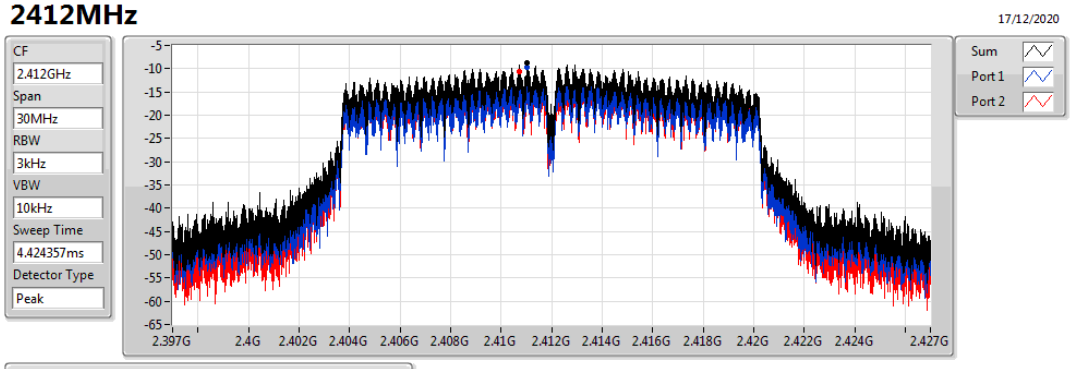
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.76	-3.76	-6.11	-4.70

802.11g_Nss1,(6Mbps)_2TX PSD

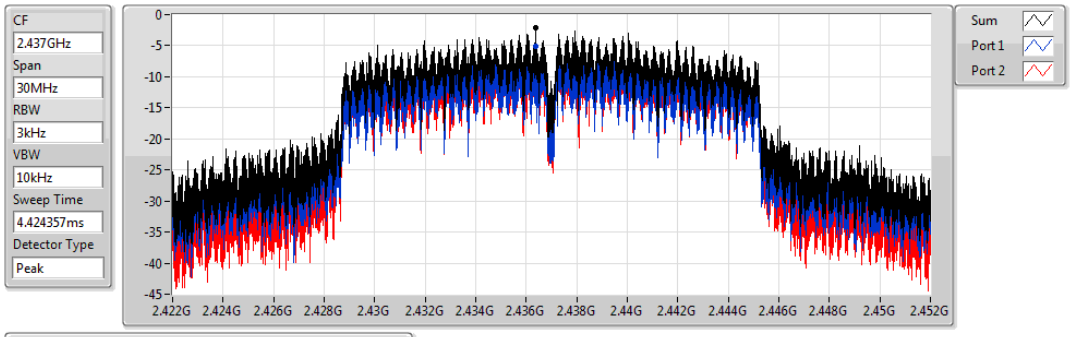
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.73	-8.73	-9.70	-10.73

802.11g_Nss1,(6Mbps)_2TX PSD

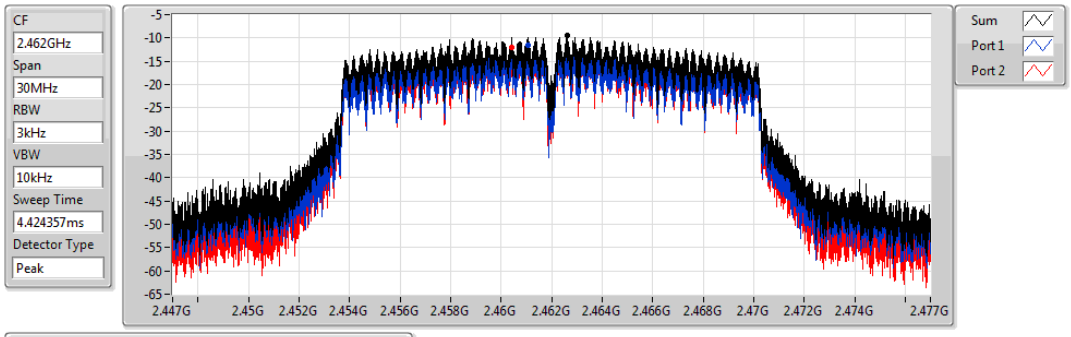
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.06	-2.06	-5.09	-5.05

802.11g_Nss1,(6Mbps)_2TX PSD

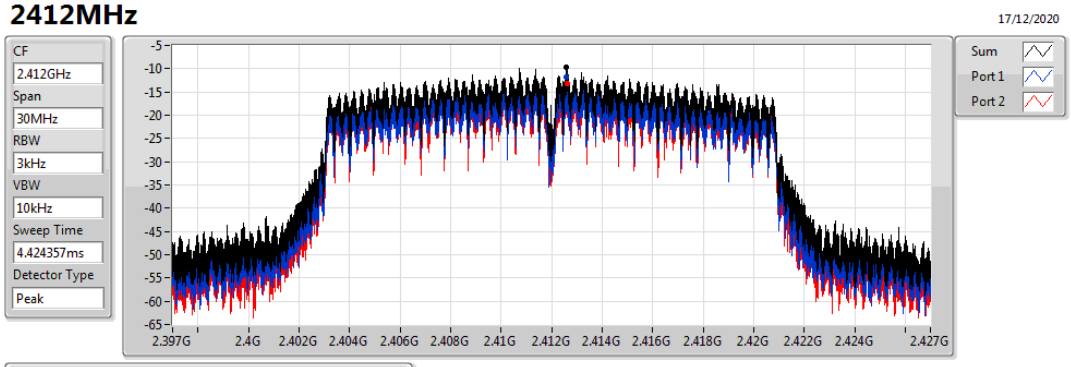
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.51	-9.51	-11.57	-11.96

802.11n HT20_Nss1,(MCS0)_2TX PSD

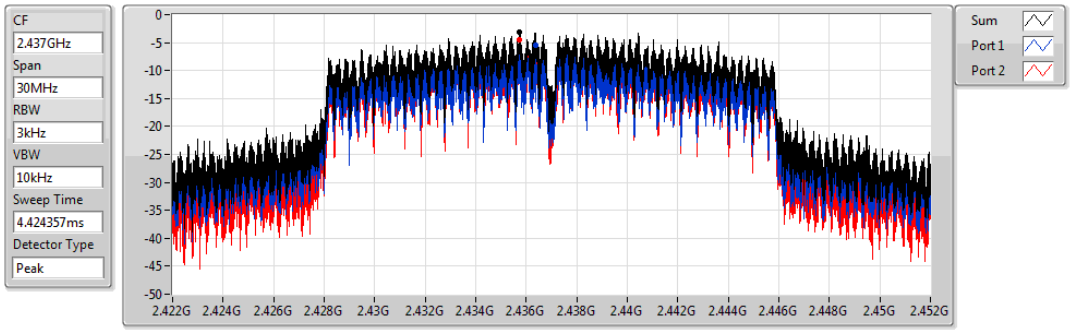
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.73	-9.73	-11.87	-13.18

802.11n HT20_Nss1,(MCS0)_2TX PSD

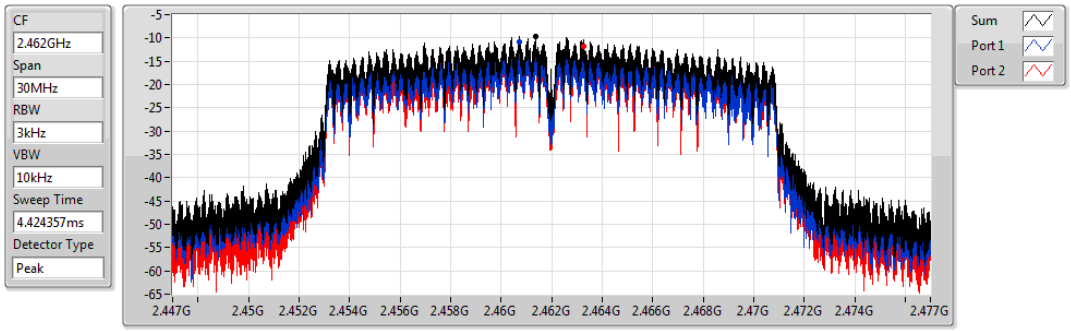
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.12	-3.12	-5.56	-4.56

802.11n HT20_Nss1,(MCS0)_2TX PSD

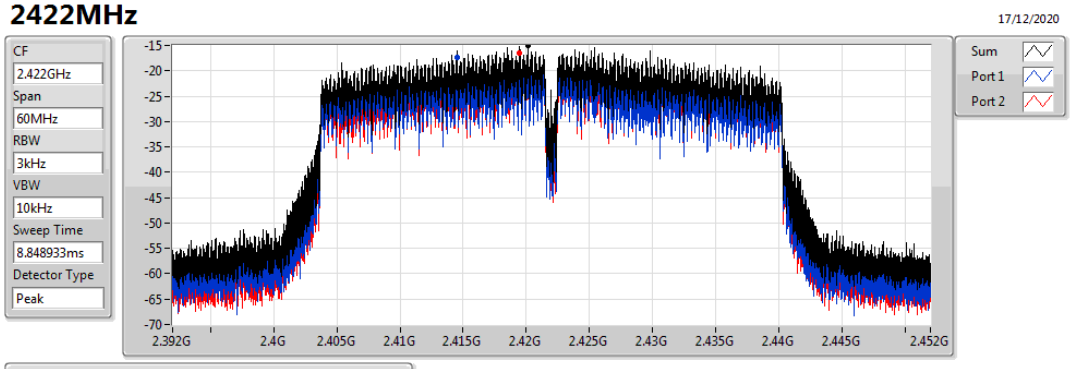
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.58	-9.58	-10.84	-11.78

802.11n HT40_Nss1,(MCS0)_2TX PSD

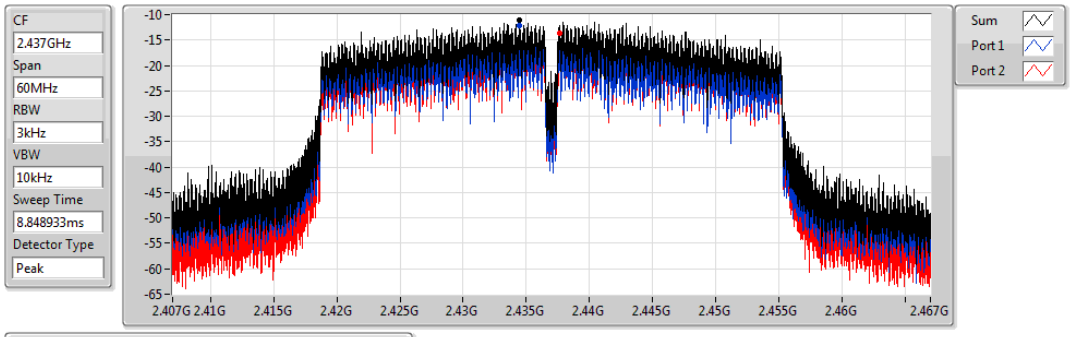
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-15.04	-15.04	-17.41	-16.49

802.11n HT40_Nss1,(MCS0)_2TX PSD

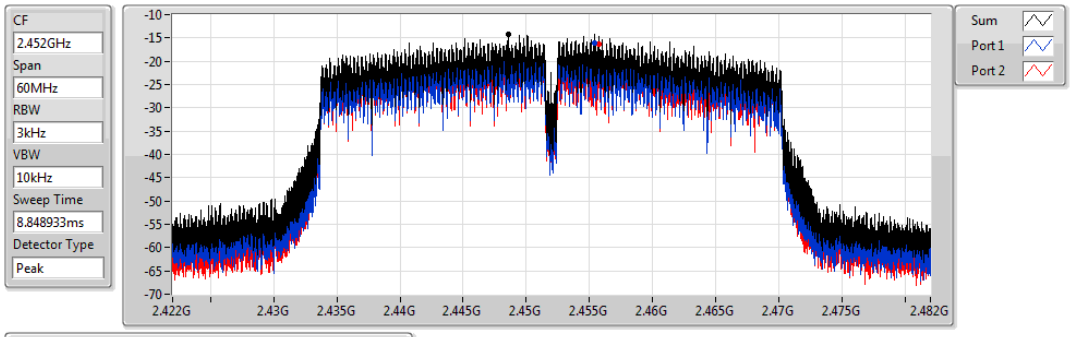
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.11	-11.11	-12.17	-13.66

802.11n HT40_Nss1,(MCS0)_2TX PSD

2452MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-14.26	-14.26	-16.07	-16.41

Summary

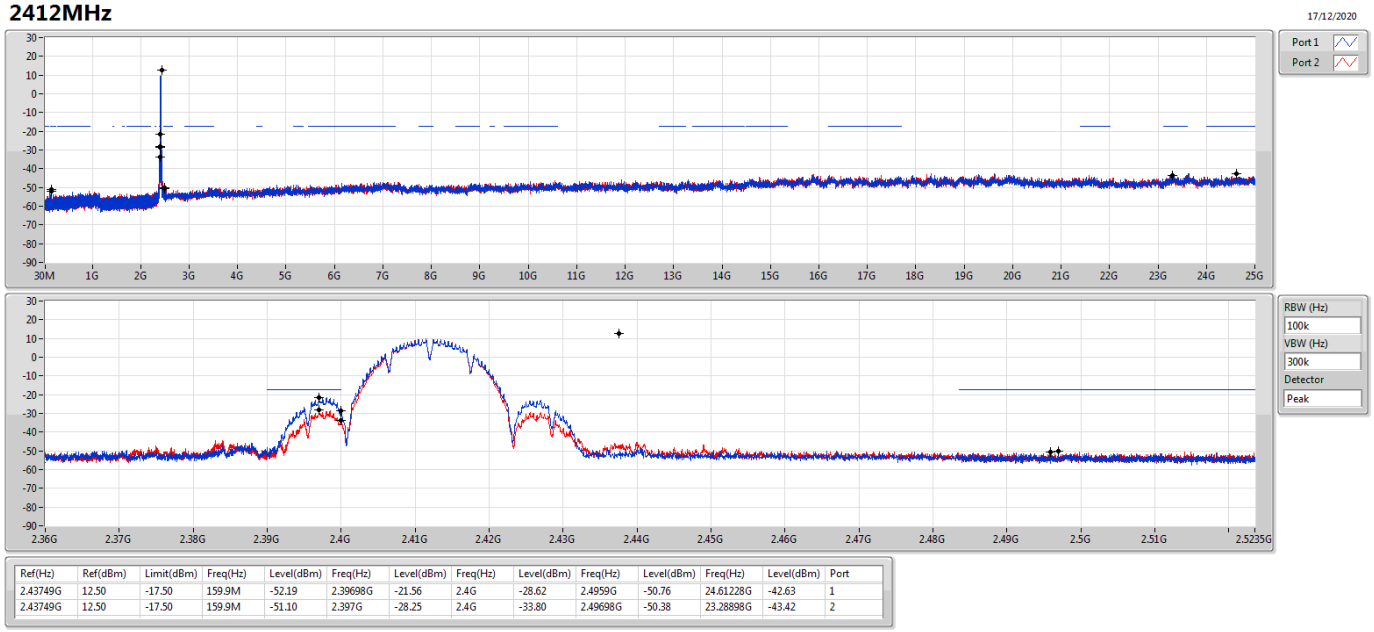
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.43749G	12.50	-17.50	159.9M	-52.19	2.39698G	-21.56	2.4G	-28.62	2.4959G	-50.76	24.61228G	-42.63	1
802.11g_Nss1,(6Mbps)_2TX	Pass	2.43824G	11.73	-18.27	159.9M	-52.03	2.39988G	-24.36	2.4G	-27.04	2.4856G	-49.31	16.5966G	-43.03	1
802.11n HT20_Nss1,(MCS0)_2TX	Pass	2.43824G	11.75	-18.25	159.9M	-51.51	2.39982G	-29.19	2.4G	-31.48	2.507G	-50.29	17.49847G	-43.09	1
802.11n HT40_Nss1,(MCS0)_2TX	Pass	2.43449G	3.42	-26.58	2.30254G	-52.14	2.39952G	-30.01	2.4G	-36.06	2.48358G	-46.09	24.97756G	-41.70	1

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43749G	12.50	-17.50	159.9M	-52.19	2.39698G	-21.56	2.4G	-28.62	2.4959G	-50.76	24.61228G	-42.63	1
2412MHz	Pass	2.43749G	12.50	-17.50	159.9M	-51.10	2.397G	-28.25	2.4G	-33.80	2.49698G	-50.38	23.28898G	-43.42	2
2437MHz	Pass	2.43749G	12.50	-17.50	159.9M	-52.74	2.4G	-39.88	2.4G	-39.55	2.48598G	-46.10	16.93656G	-43.15	1
2437MHz	Pass	2.43749G	12.50	-17.50	159.9M	-52.61	2.39948G	-43.35	2.4G	-45.80	2.48892G	-48.91	24.66566G	-43.43	2
2462MHz	Pass	2.43749G	12.50	-17.50	159.9M	-52.70	2.3912G	-50.11	2.4835G	-50.74	2.48792G	-47.35	15.23958G	-42.67	1
2462MHz	Pass	2.43749G	12.50	-17.50	159.9M	-51.67	2.3908G	-50.00	2.4835G	-49.41	2.489G	-44.26	23.33393G	-43.10	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43824G	11.73	-18.27	159.9M	-52.03	2.39988G	-24.36	2.4G	-27.04	2.4856G	-49.31	16.5966G	-43.03	1
2412MHz	Pass	2.43824G	11.73	-18.27	159.9M	-52.12	2.39986G	-25.99	2.4G	-29.09	2.49936G	-49.60	16.26507G	-42.69	2
2437MHz	Pass	2.43824G	11.73	-18.27	159.9M	-51.43	2.39986G	-35.77	2.4G	-37.84	2.4866G	-46.20	23.32269G	-42.77	1
2437MHz	Pass	2.43824G	11.73	-18.27	159.9M	-51.68	2.39548G	-45.41	2.4835G	-45.49	2.48506G	-44.02	24.5898G	-42.64	2
2462MHz	Pass	2.43824G	11.73	-18.27	159.9M	-52.38	2.39114G	-47.79	2.4835G	-45.70	2.48382G	-44.33	16.52074G	-43.14	1
2462MHz	Pass	2.43824G	11.73	-18.27	159.9M	-52.57	2.39116G	-50.37	2.4835G	-47.84	2.4838G	-45.57	17.66423G	-42.69	2
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43824G	11.75	-18.25	159.9M	-51.51	2.39982G	-29.19	2.4G	-31.48	2.507G	-50.29	17.49847G	-43.09	1
2412MHz	Pass	2.43824G	11.75	-18.25	159.9M	-51.96	2.39952G	-30.37	2.4G	-35.22	2.4925G	-49.58	5.29654G	-41.41	2
2437MHz	Pass	2.43824G	11.75	-18.25	159.9M	-50.44	2.39988G	-33.84	2.4G	-36.02	2.48576G	-44.27	24.63195G	-43.44	1
2437MHz	Pass	2.43824G	11.75	-18.25	705.7M	-52.51	2.39888G	-43.08	2.4G	-46.25	2.48388G	-41.16	14.63833G	-42.98	2
2462MHz	Pass	2.43824G	11.75	-18.25	2.30845G	-51.87	2.392G	-46.14	2.4835G	-41.17	2.4835G	-42.91	23.27774G	-43.01	1
2462MHz	Pass	2.43824G	11.75	-18.25	678.03M	-53.17	2.39828G	-49.50	2.4835G	-44.98	2.48452G	-46.43	24.92414G	-43.24	2
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43449G	3.42	-26.58	896.19M	-53.04	2.39796G	-38.20	2.4G	-41.51	2.49914G	-51.04	17.66887G	-42.80	1
2422MHz	Pass	2.43449G	3.42	-26.58	2.30025G	-52.63	2.39824G	-39.19	2.4G	-43.02	2.51194G	-50.30	17.65485G	-42.81	2
2437MHz	Pass	2.43449G	3.42	-26.58	2.30254G	-52.14	2.39952G	-30.01	2.4G	-36.06	2.48358G	-46.09	24.97756G	-41.70	1
2437MHz	Pass	2.43449G	3.42	-26.58	159.96M	-52.58	2.39948G	-38.28	2.4G	-41.40	2.48518G	-48.78	24.04925G	-42.78	2
2452MHz	Pass	2.43449G	3.42	-26.58	159.96M	-51.79	2.3926G	-48.16	2.4835G	-44.12	2.48446G	-41.29	24.64382G	-43.21	1
2452MHz	Pass	2.43449G	3.42	-26.58	159.96M	-53.15	2.39708G	-50.14	2.4835G	-49.74	2.48446G	-42.80	24.55407G	-42.58	2

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

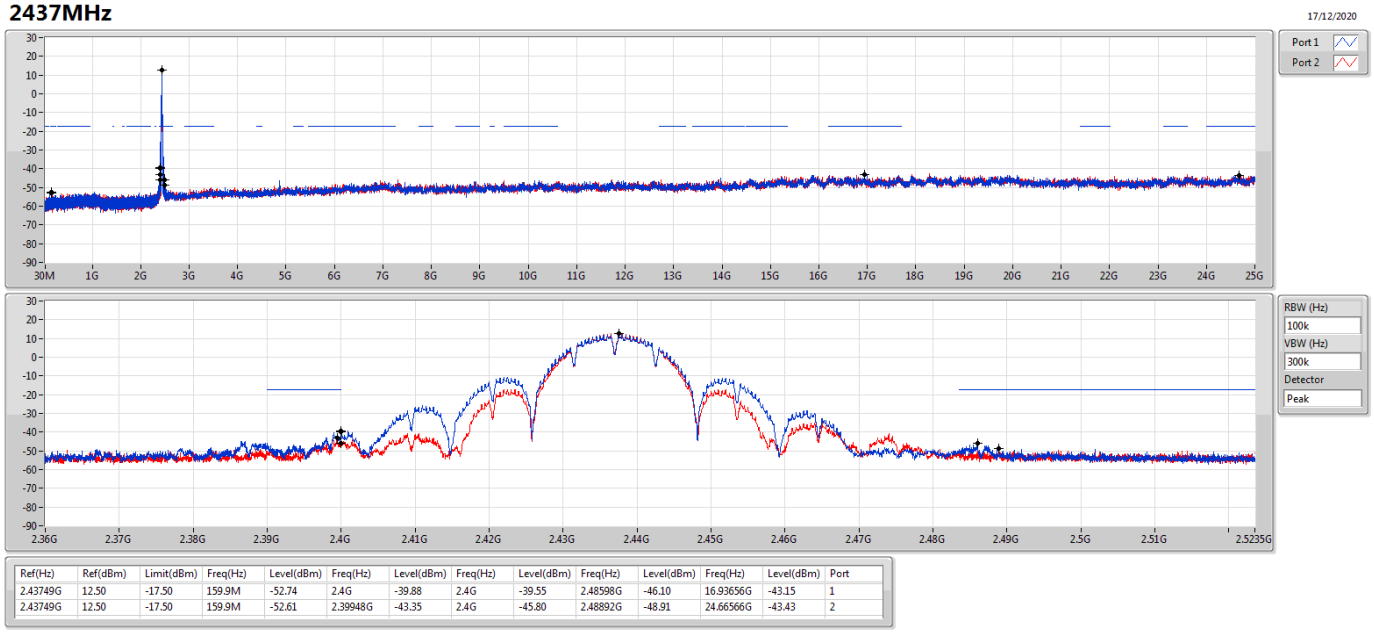
2412MHz



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
2.43749G	12.50	-17.50	159.9M	-52.19	2.39698G	-21.56	2.4G	-28.62	2.4959G	-50.76	24.61228G	-42.63	1
2.43749G	12.50	-17.50	159.9M	-51.10	2.397G	-28.25	2.4G	-33.80	2.49698G	-50.38	23.28898G	-43.42	2

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

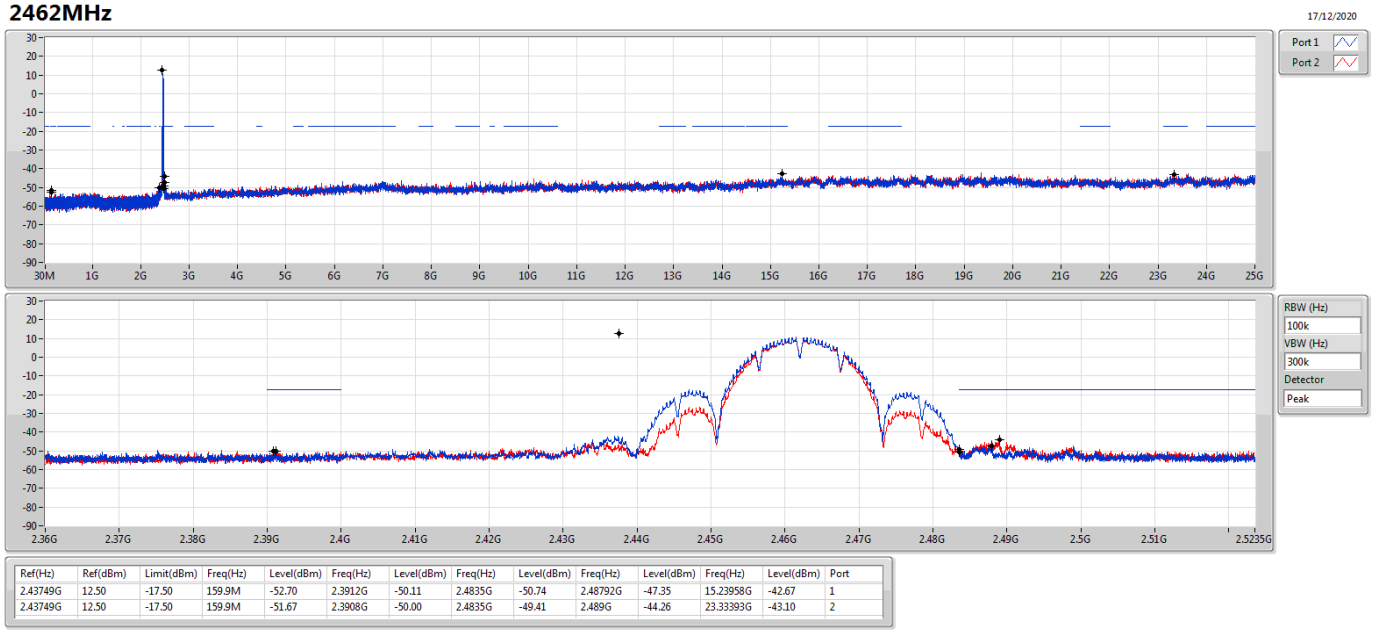
2437MHz



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
2.43749G	12.50	-17.50	159.9M	-52.74	2.4G	-39.88	2.4G	-39.55	2.48598G	-46.10	16.93656G	-43.15	1
2.43749G	12.50	-17.50	159.9M	-52.61	2.39948G	-43.35	2.4G	-45.80	2.48892G	-48.91	24.66566G	-43.43	2

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

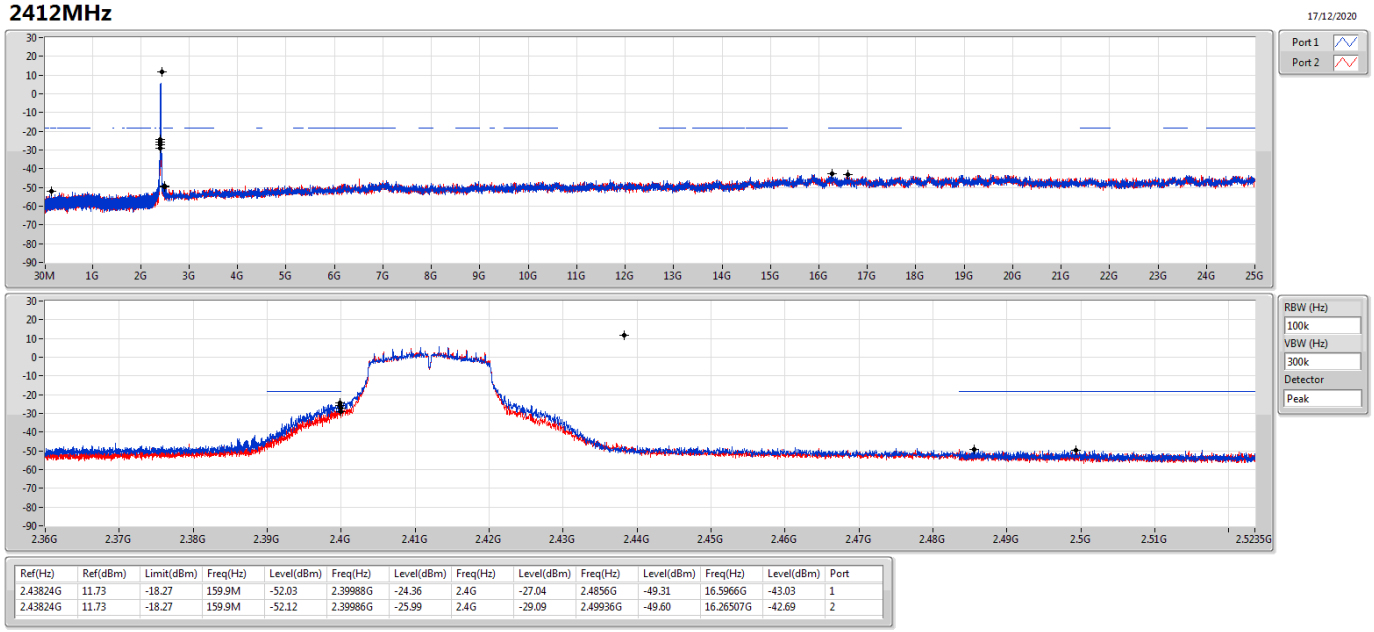
2462MHz



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
2.43749G	12.50	-17.50	159.9M	-52.70	2.3912G	-50.11	2.4835G	-50.74	2.48792G	-47.35	15.23958G	-42.67	1
2.43749G	12.50	-17.50	159.9M	-51.67	2.3908G	-50.00	2.4835G	-49.41	2.489G	-44.26	23.33393G	-43.10	2

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

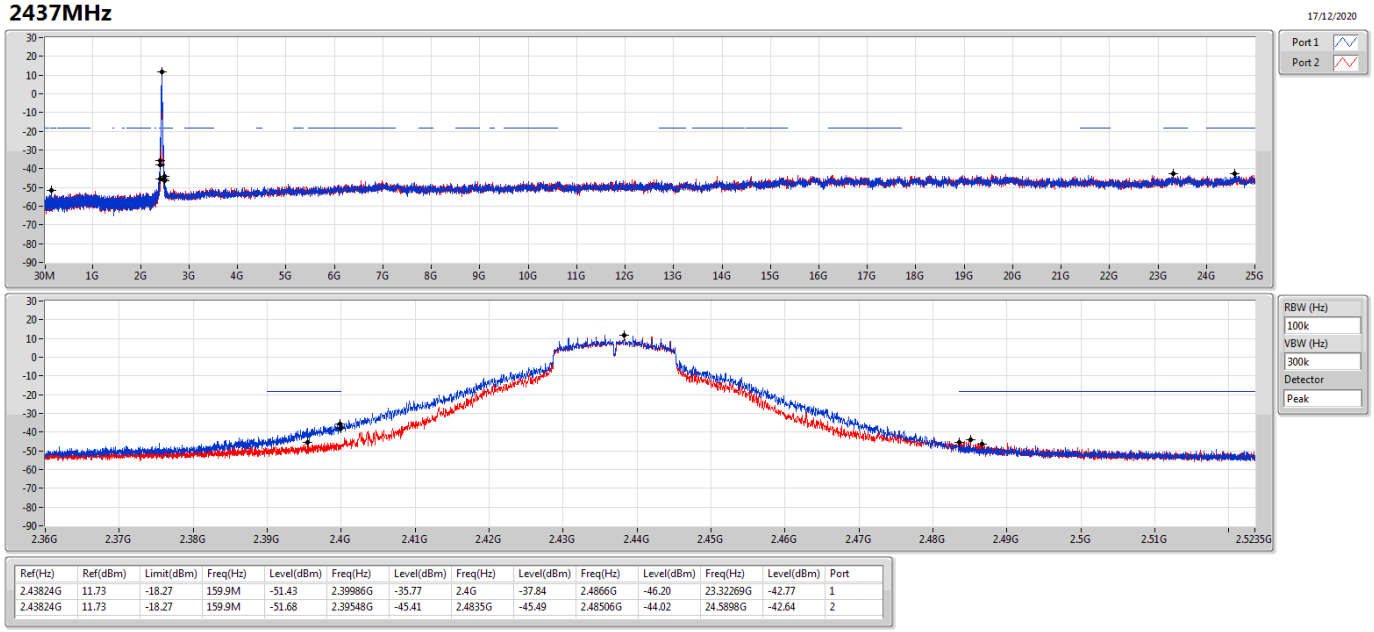
2412MHz



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
2.43824G	11.73	-18.27	159.9M	-52.03	2.39988G	-24.36	2.4G	-27.04	2.4856G	-49.31	16.5966G	-43.03	1
2.43824G	11.73	-18.27	159.9M	-52.12	2.39986G	-25.99	2.4G	-29.09	2.49936G	-49.60	16.26507G	-42.69	2

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

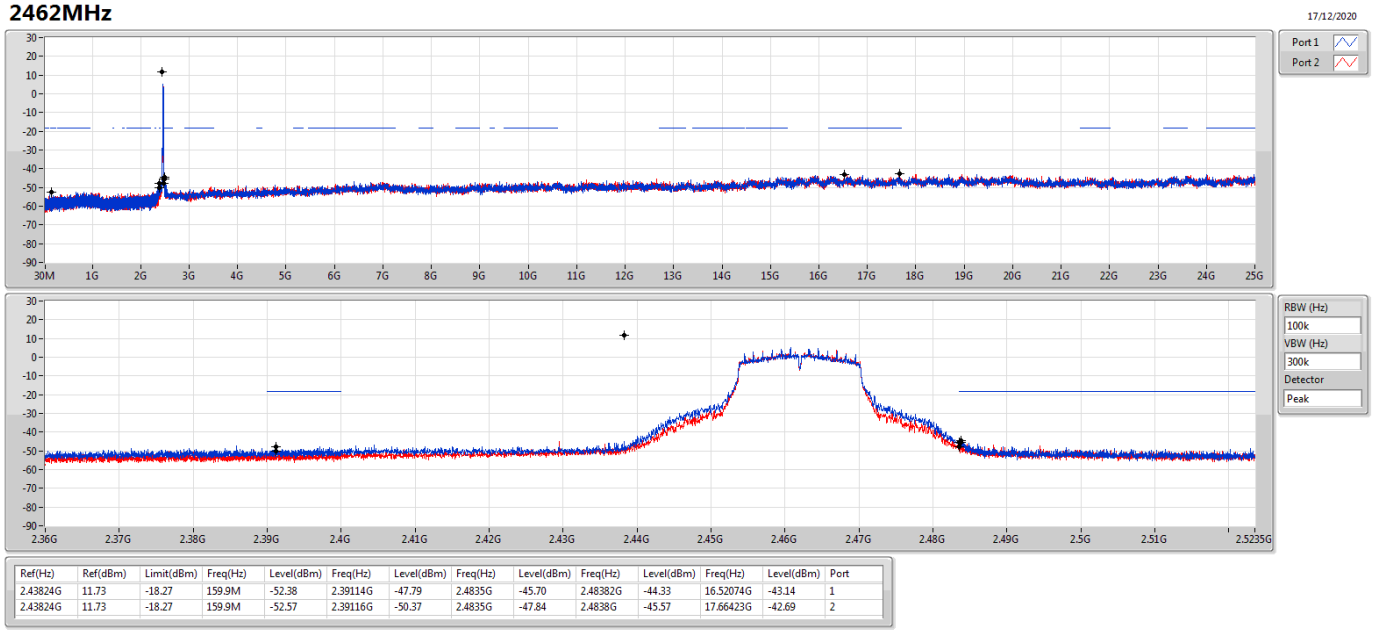
2437MHz



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
2.43824G	11.73	-18.27	159.9M	-51.43	2.39986G	-35.77	2.4G	-37.84	2.4866G	-46.20	23.32269G	-42.77	1
2.43824G	11.73	-18.27	159.9M	-51.68	2.39548G	-45.41	2.4835G	-45.49	2.48506G	-44.02	24.5898G	-42.64	2

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

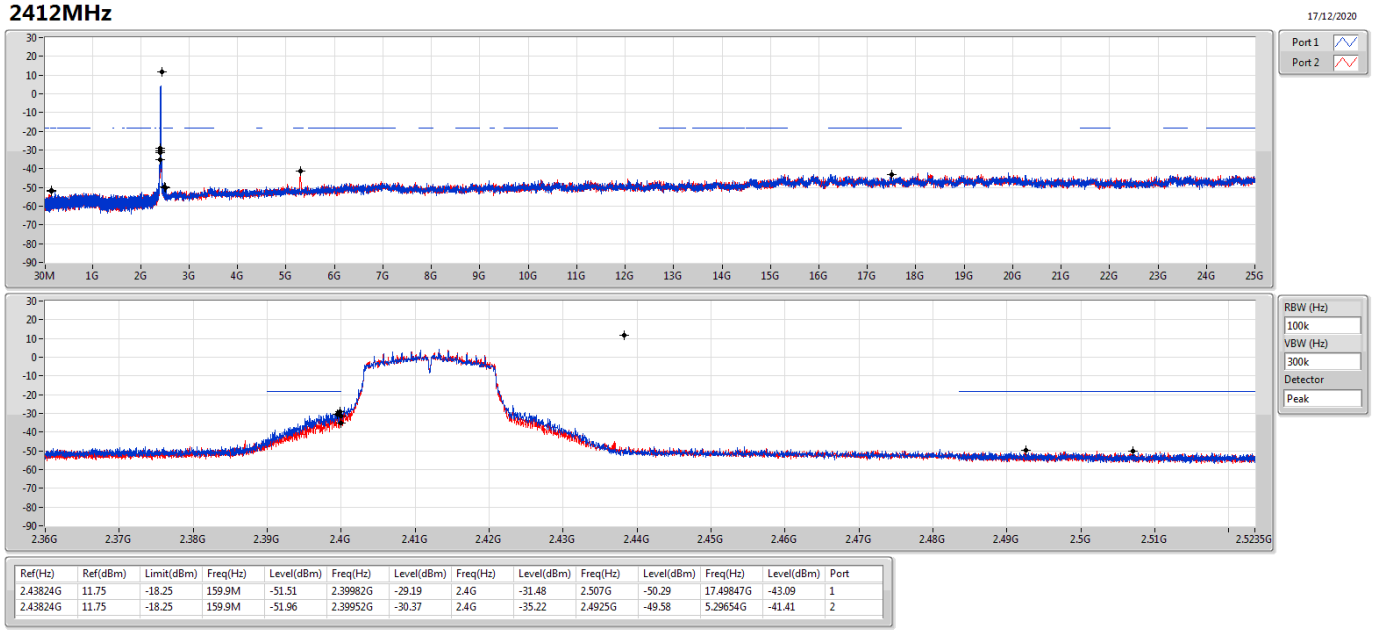
2462MHz



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
2.43824G	11.73	-18.27	159.9M	-52.38	2.39114G	-47.79	2.4835G	-45.70	2.48382G	-44.33	16.52074G	-43.14	1
2.43824G	11.73	-18.27	159.9M	-52.57	2.39116G	-50.37	2.4835G	-47.84	2.4838G	-45.57	17.66423G	-42.69	2

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

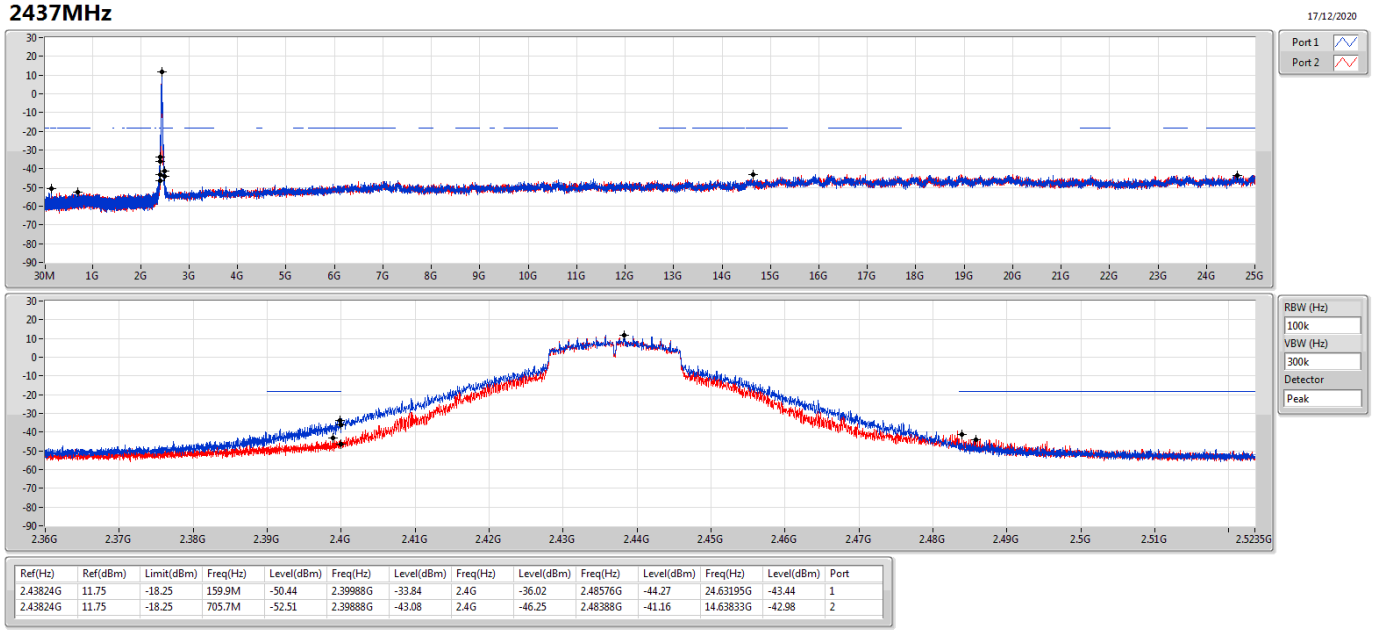
2412MHz



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
2.43824G	11.75	-18.25	159.9M	-51.51	2.39982G	-29.19	2.4G	-31.48	2.507G	-50.29	17.49847G	-43.09	1
2.43824G	11.75	-18.25	159.9M	-51.96	2.39952G	-30.37	2.4G	-35.22	2.4925G	-49.58	5.29654G	-41.41	2

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

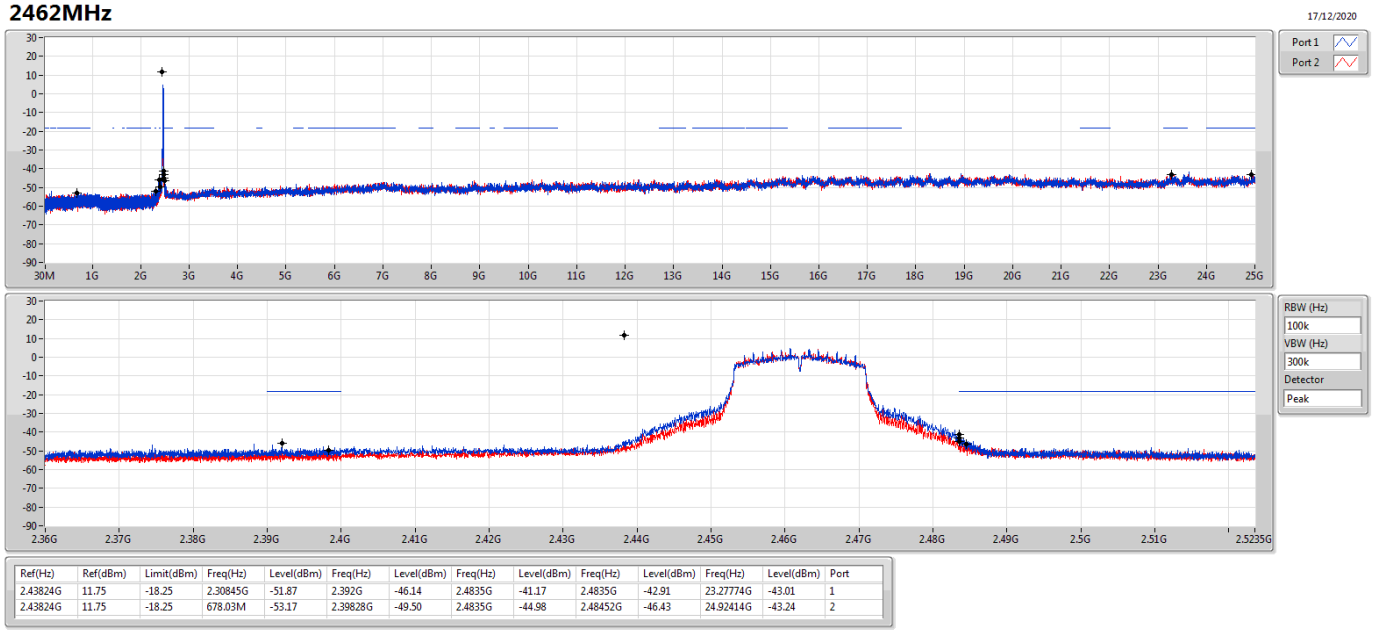
2437MHz



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
2.43824G	11.75	-18.25	159.9M	-50.44	2.39988G	-33.84	2.4G	-36.02	2.48576G	-44.27	24.63195G	-43.44	1
2.43824G	11.75	-18.25	705.7M	-52.51	2.39888G	-43.08	2.4G	-46.25	2.48388G	-41.16	14.63833G	-42.98	2

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

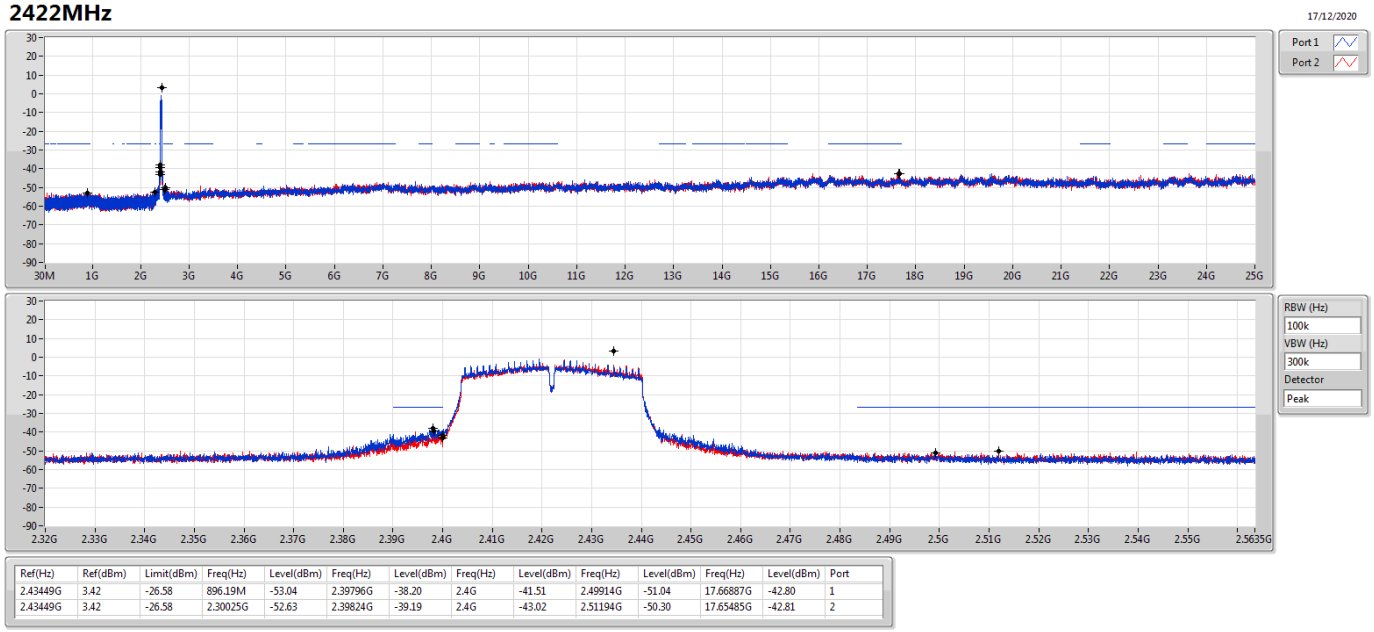
2462MHz



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
2.43824G	11.75	-18.25	2.30845G	-51.87	2.392G	-46.14	2.4835G	-41.17	2.4835G	-42.91	23.27774G	-43.01	1
2.43824G	11.75	-18.25	678.03M	-53.17	2.39828G	-49.50	2.4835G	-44.98	2.48452G	-46.43	24.92414G	-43.24	2

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

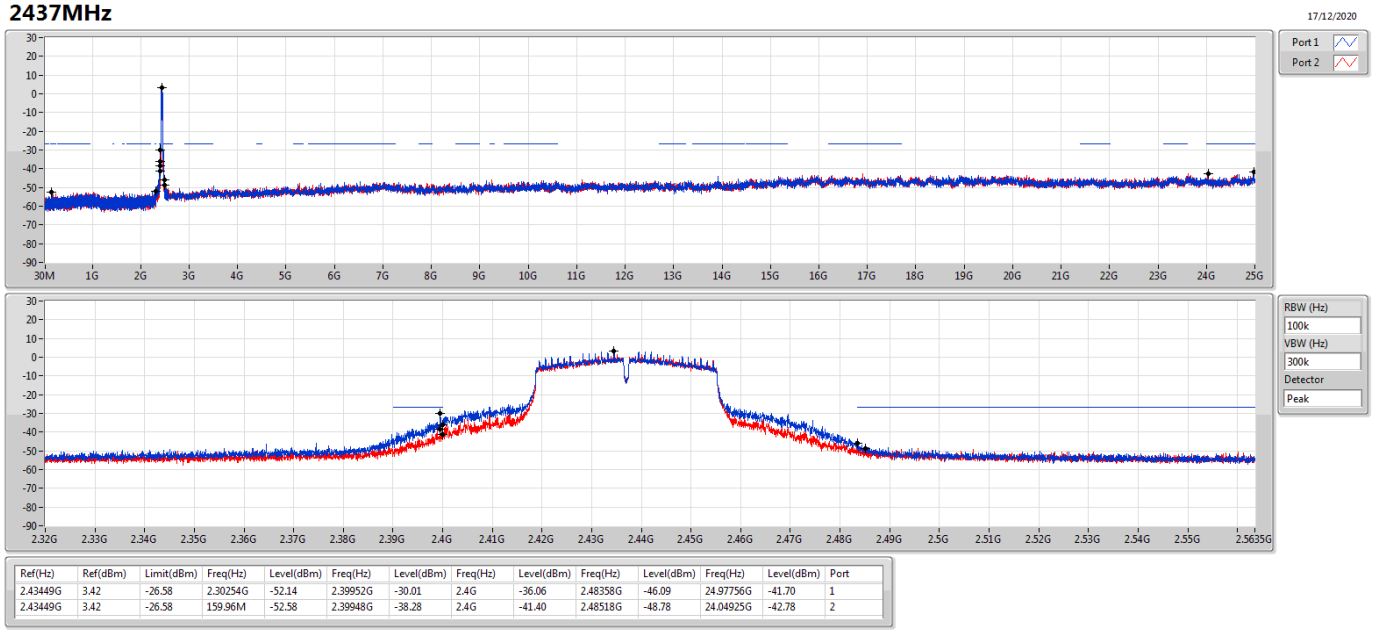
2422MHz



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	3.42	-26.58	896.19M	-53.04	2.39796G	-38.20	2.4G	-41.51	2.49914G	-51.04	17.66887G	-42.80	1
2.43449G	3.42	-26.58	2.30025G	-52.63	2.39824G	-39.19	2.4G	-43.02	2.51194G	-50.30	17.65485G	-42.81	2

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

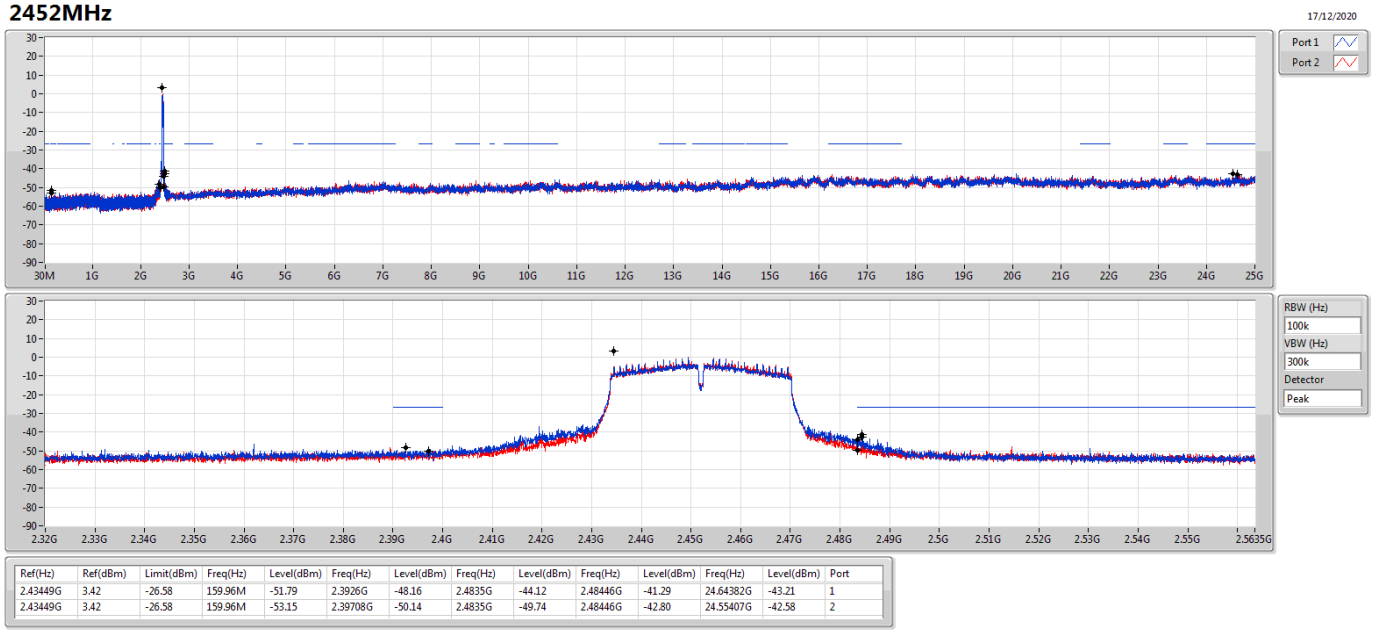
2437MHz



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	3.42	-26.58	2.30254G	-52.14	2.39952G	-30.01	2.4G	-36.06	2.48358G	-46.09	24.97756G	-41.70	1
2.43449G	3.42	-26.58	159.96M	-52.58	2.39948G	-38.28	2.4G	-41.40	2.48518G	-48.78	24.04925G	-42.78	2

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

2452MHz



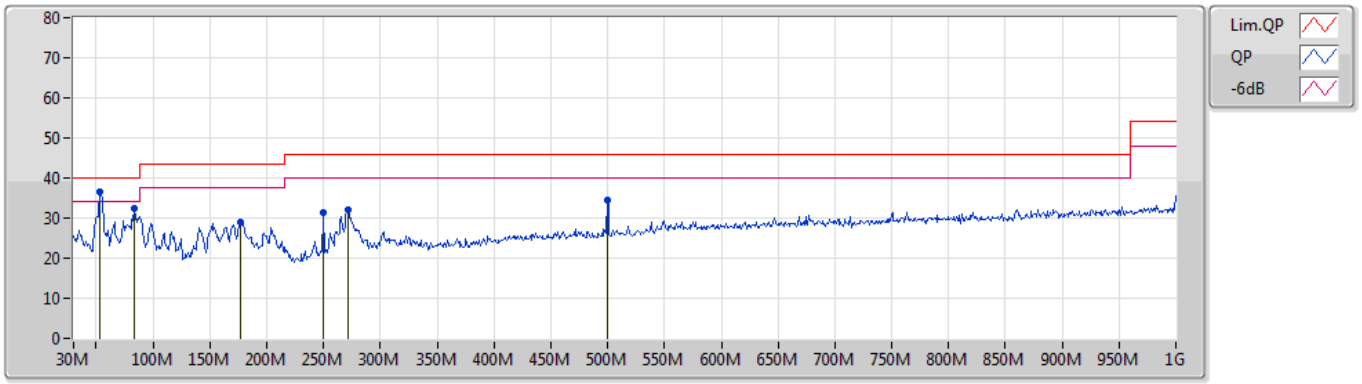
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43449G	3.42	-26.58	159.96M	-51.79	2.3926G	-48.16	2.4835G	-44.12	2.48446G	-41.29	24.64382G	-43.21	1
2.43449G	3.42	-26.58	159.96M	-53.15	2.39708G	-50.14	2.4835G	-49.74	2.48446G	-42.80	24.55407G	-42.58	2

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 2	Pass	PK	53.28M	36.70	40.00	-3.30	Vertical

Mode 2

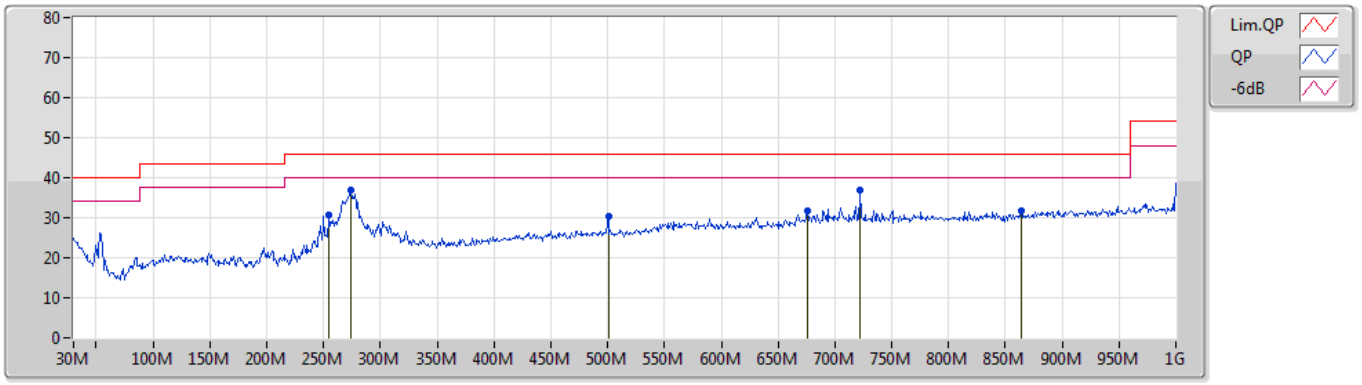
01/02/2021



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	53.28M	36.70	40.00	-3.30	-17.50	3	Vertical	0	1.25	"Worst"	54.20	13.53	0.67	31.70
PK	83.35M	32.50	40.00	-7.50	-17.39	3	Vertical	189	1.50	-	49.89	13.41	0.97	31.77
PK	177.44M	28.94	43.50	-14.56	-15.20	3	Vertical	0	1.00	-	44.14	15.24	1.49	31.93
PK	250.19M	31.46	46.00	-14.54	-12.28	3	Vertical	156	1.25	-	43.74	17.77	1.90	31.95
PK	271.53M	32.12	46.00	-13.88	-11.73	3	Vertical	97	2.00	-	43.85	18.22	2.03	31.98
PK	499.48M	34.61	46.00	-11.39	-6.53	3	Vertical	0	1.25	-	41.14	22.94	2.90	32.37

Mode 2

01/02/2021



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	255.04M	30.76	46.00	-15.24	-11.70	3	Horizontal	169	1.25	-	42.46	18.33	1.93	31.96
PK	273.47M	36.93	46.00	-9.07	-11.77	3	Horizontal	195	1.25	"Worst"	48.70	18.17	2.04	31.98
PK	500.45M	30.47	46.00	-15.53	-6.52	3	Horizontal	296	1.00	-	36.99	22.95	2.90	32.37
PK	676.02M	31.88	46.00	-14.12	-4.62	3	Horizontal	350	1.50	-	36.50	24.46	3.40	32.48
PK	722.58M	36.86	46.00	-9.14	-4.19	3	Horizontal	74	2.00	-	41.05	24.63	3.55	32.37
PK	864.2M	31.74	46.00	-14.26	-2.64	3	Horizontal	211	1.25	-	34.38	25.71	4.01	32.36

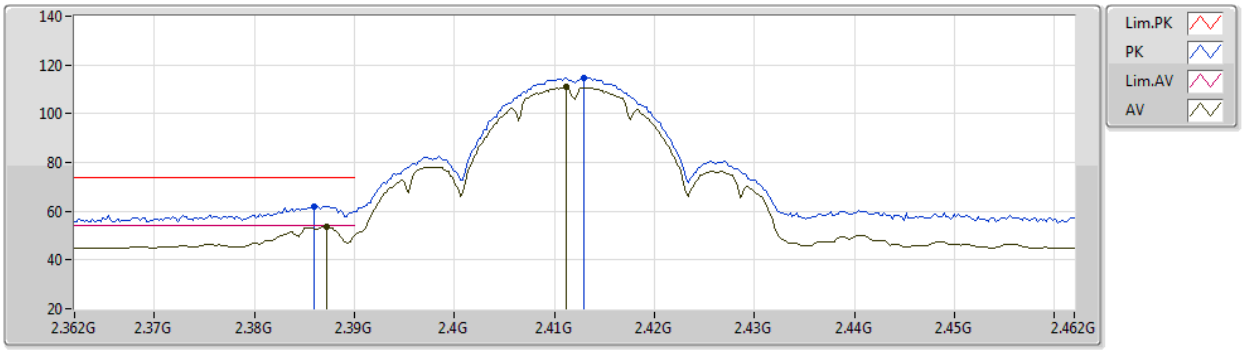
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	AV	2.3872G	53.87	54.00	-0.13	3	Vertical	181	2.68	-
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	2.39G	53.96	54.00	-0.04	3	Vertical	163	1.57	-
802.11n HT20_Nss1,(MCS0)_2TX	Pass	AV	2.4835G	53.93	54.00	-0.07	3	Vertical	167	1.97	-
802.11n HT40_Nss1,(MCS0)_2TX	Pass	AV	2.39G	53.85	54.00	-0.15	3	Vertical	160	1.80	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

17/11/2020



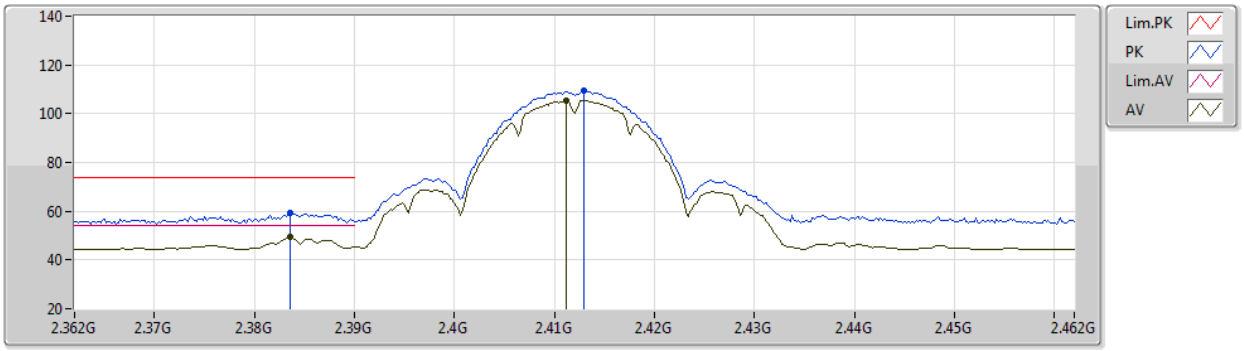
EUT Y_2TX
Setting 22
03-C-J-7

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	62.08	74.00	-11.92	30.49	3	Vertical	181	2.68	-	28.10	3.49	-
AV	2.3872G	53.87	54.00	-0.13	22.28	3	Vertical	181	2.68	-	28.10	3.49	-
PK	2.413G	114.90	Inf	-Inf	83.26	3	Vertical	181	2.68	-	28.13	3.51	-
AV	2.4112G	110.83	Inf	-Inf	79.20	3	Vertical	181	2.68	-	28.12	3.51	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

17/11/2020



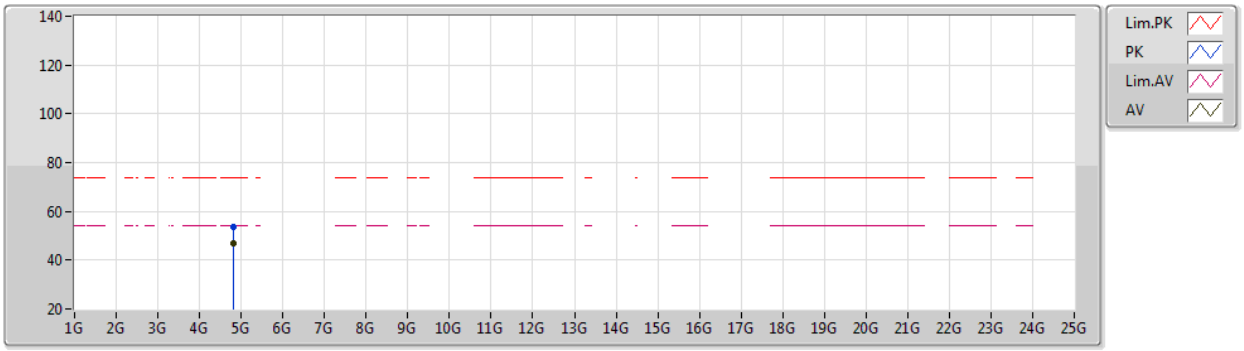
EUT Y_2TX
Setting 22
03-C-J-7

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	59.45	74.00	-14.55	27.87	3	Horizontal	206	2.11	-	28.10	3.48	-
AV	2.3836G	49.32	54.00	-4.68	17.74	3	Horizontal	206	2.11	-	28.10	3.48	-
PK	2.413G	109.35	Inf	-Inf	77.71	3	Horizontal	206	2.11	-	28.13	3.51	-
AV	2.4112G	105.30	Inf	-Inf	73.67	3	Horizontal	206	2.11	-	28.12	3.51	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

17/11/2020



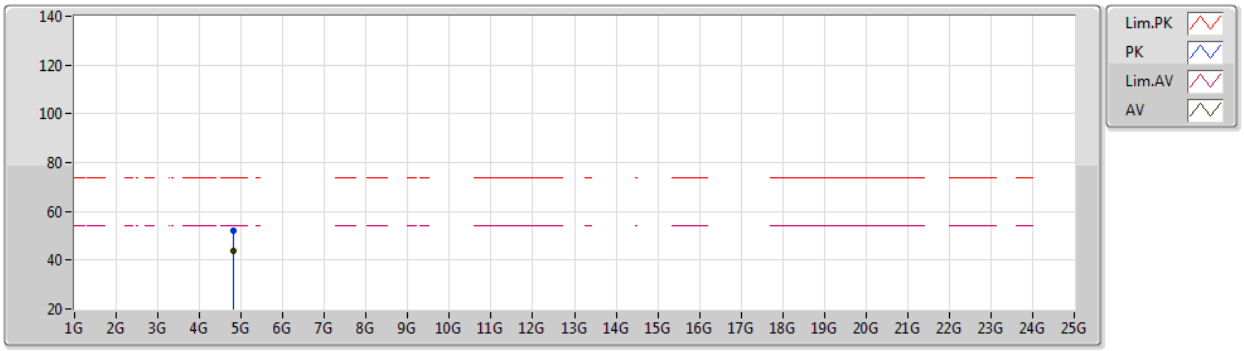
EUT Y_2TX
Setting 22
03-C-J-7

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	4.82397G	53.52	74.00	-20.48	49.28	3	Vertical	177	1.45	-	33.30	6.24	35.30
AV	4.82401G	47.10	54.00	-6.90	42.86	3	Vertical	177	1.45	-	33.30	6.24	35.30

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

17/11/2020



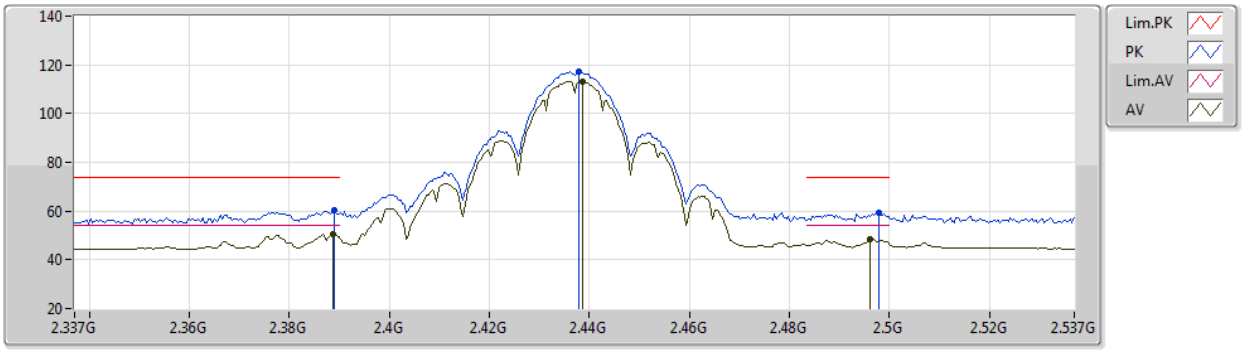
EUT Y_2TX
Setting 22
03-C-J-7

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	4.82409G	51.98	74.00	-22.02	47.74	3	Horizontal	165	1.52	-	33.30	6.24	35.30
AV	4.824G	43.61	54.00	-10.39	39.37	3	Horizontal	165	1.52	-	33.30	6.24	35.30

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

17/11/2020



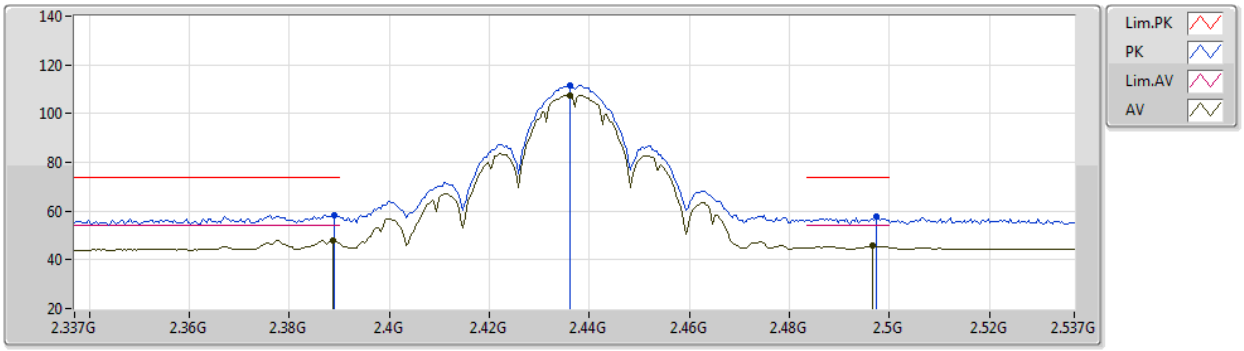
EUT Y_2TX
Setting 28
03-C-J-7

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	60.45	74.00	-13.55	28.86	3	Vertical	182	2.97	-	28.10	3.49	-
AV	2.3886G	50.74	54.00	-3.26	19.15	3	Vertical	182	2.97	-	28.10	3.49	-
PK	2.4378G	117.27	Inf	-Inf	85.55	3	Vertical	182	2.97	-	28.18	3.54	-
AV	2.4386G	113.12	Inf	-Inf	81.40	3	Vertical	182	2.97	-	28.18	3.54	-
PK	2.4978G	59.08	74.00	-14.92	26.99	3	Vertical	182	2.97	-	28.49	3.60	-
AV	2.4962G	48.65	54.00	-5.35	16.57	3	Vertical	182	2.97	-	28.48	3.60	-

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

17/11/2020



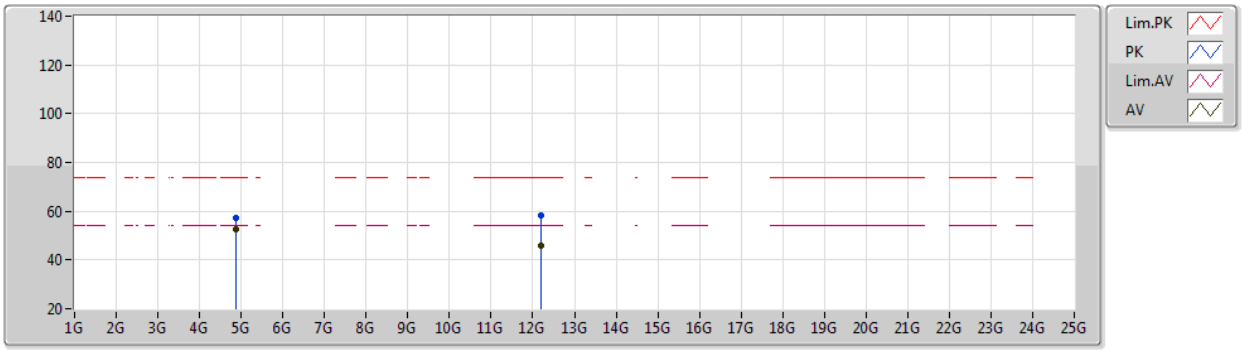
EUT Y_2TX
Setting 28
03-C-J-7

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	58.53	74.00	-15.47	26.94	3	Horizontal	162	2.33	-	28.10	3.49	-
AV	2.3886G	47.95	54.00	-6.05	16.36	3	Horizontal	162	2.33	-	28.10	3.49	-
PK	2.4362G	111.56	Inf	-Inf	79.85	3	Horizontal	162	2.33	-	28.17	3.54	-
AV	2.4362G	107.54	Inf	-Inf	75.83	3	Horizontal	162	2.33	-	28.17	3.54	-
PK	2.4974G	57.89	74.00	-16.11	25.81	3	Horizontal	162	2.33	-	28.48	3.60	-
AV	2.4966G	45.81	54.00	-8.19	13.73	3	Horizontal	162	2.33	-	28.48	3.60	-

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

17/11/2020



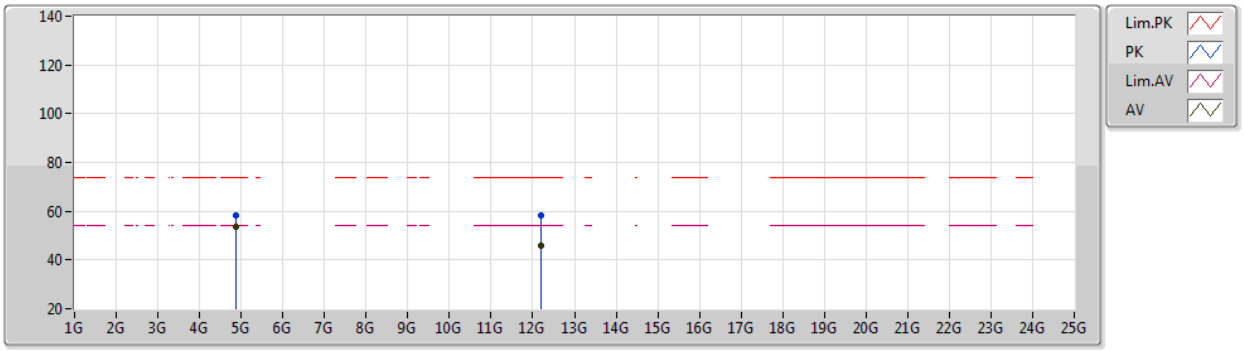
EUT Y_2TX
Setting 28
03-C-J-7

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	4.87393G	57.10	74.00	-16.90	52.65	3	Vertical	173	1.56	-	33.50	6.31	35.36
AV	4.87398G	52.75	54.00	-1.25	48.30	3	Vertical	173	1.56	-	33.50	6.31	35.36
PK	12.1862G	58.12	74.00	-15.88	43.85	3	Vertical	15	1.95	-	38.81	10.09	34.63
AV	12.18432G	46.10	54.00	-7.90	31.82	3	Vertical	15	1.95	-	38.82	10.09	34.63

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

17/11/2020



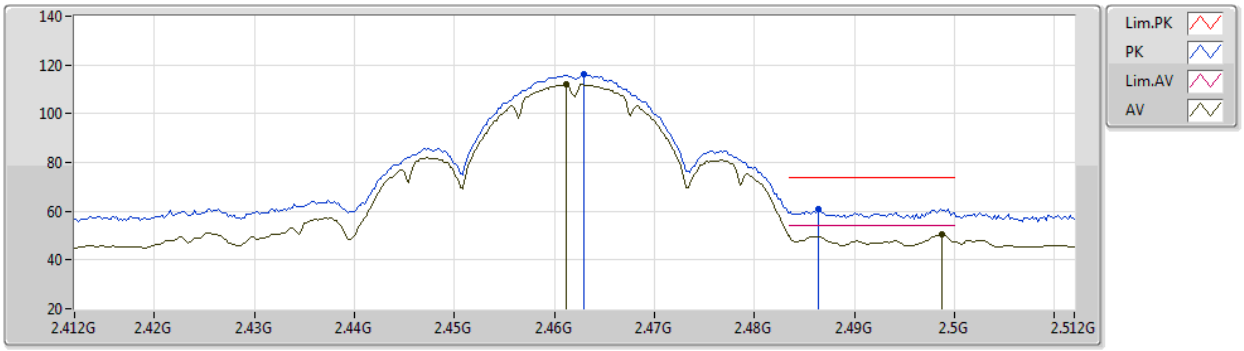
EUT Y_2TX
Setting 28
03-C-J-7

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	4.87398G	58.18	74.00	-15.82	53.73	3	Horizontal	46	1.79	-	33.50	6.31	35.36
AV	4.874G	53.76	54.00	-0.24	49.31	3	Horizontal	46	1.79	-	33.50	6.31	35.36
PK	12.18294G	58.28	74.00	-15.72	44.00	3	Horizontal	114	1.29	-	38.82	10.09	34.63
AV	12.18422G	46.09	54.00	-7.91	31.81	3	Horizontal	114	1.29	-	38.82	10.09	34.63

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

17/11/2020



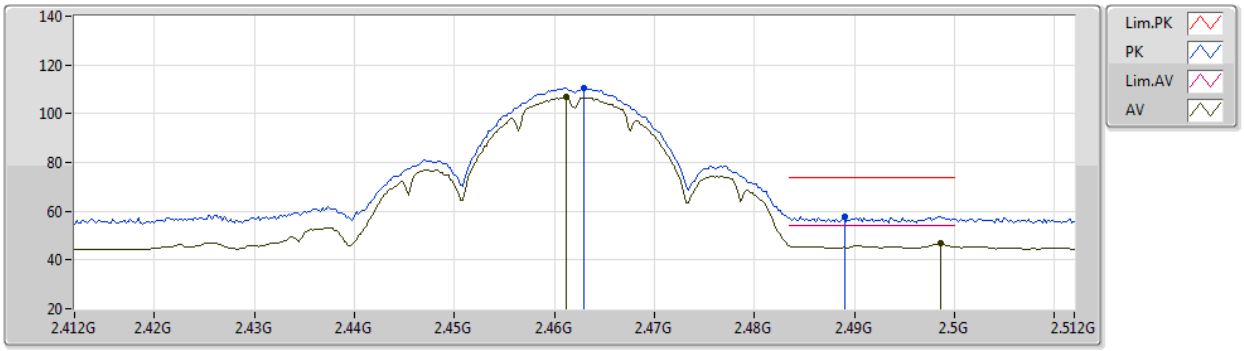
EUT Y_2TX
Setting 24
03-C-J-7

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	116.02	Inf	-Inf	84.18	3	Vertical	183	1.59	-	28.28	3.56	-
AV	2.4612G	111.94	Inf	-Inf	80.11	3	Vertical	183	1.59	-	28.27	3.56	-
PK	2.4864G	60.66	74.00	-13.34	28.65	3	Vertical	183	1.59	-	28.42	3.59	-
AV	2.4988G	50.70	54.00	-3.30	18.61	3	Vertical	183	1.59	-	28.49	3.60	-

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

17/11/2020



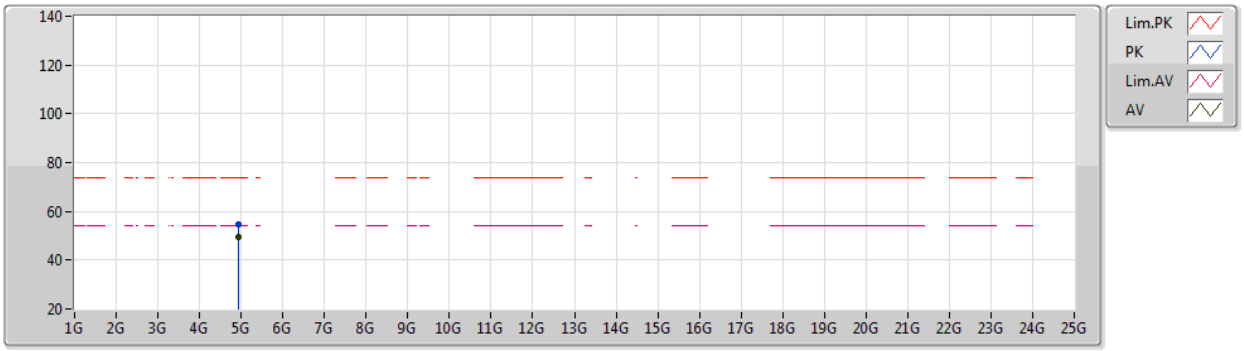
EUT Y_2TX
Setting 24
03-C-J-7

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	110.53	Inf	-Inf	78.69	3	Horizontal	158	2.05	-	28.28	3.56	-
AV	2.4612G	106.66	Inf	-Inf	74.83	3	Horizontal	158	2.05	-	28.27	3.56	-
PK	2.489G	57.70	74.00	-16.30	25.68	3	Horizontal	158	2.05	-	28.43	3.59	-
AV	2.4986G	46.65	54.00	-7.35	14.56	3	Horizontal	158	2.05	-	28.49	3.60	-

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

17/11/2020



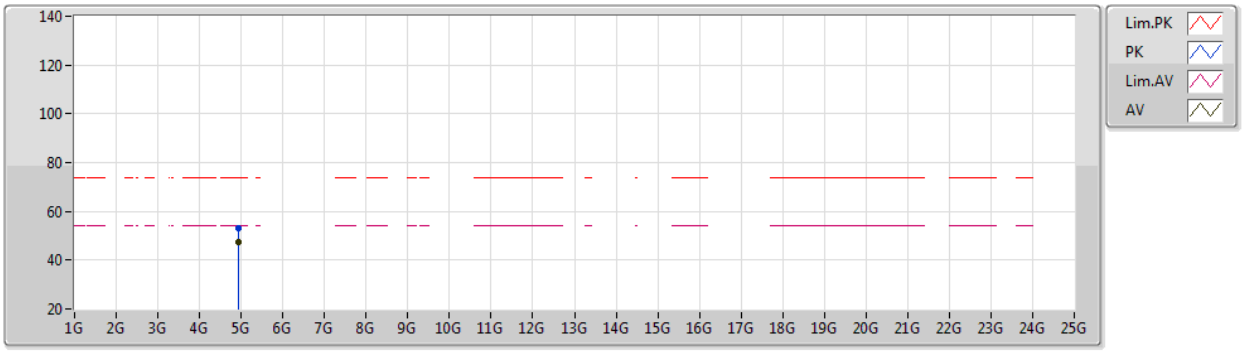
EUT Y_2TX
Setting 24
03-C-J-7

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	4.92396G	54.50	74.00	-19.50	50.02	3	Vertical	171	1.41	-	33.50	6.39	35.41
AV	4.92401G	49.37	54.00	-4.63	44.89	3	Vertical	171	1.41	-	33.50	6.39	35.41

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

17/11/2020



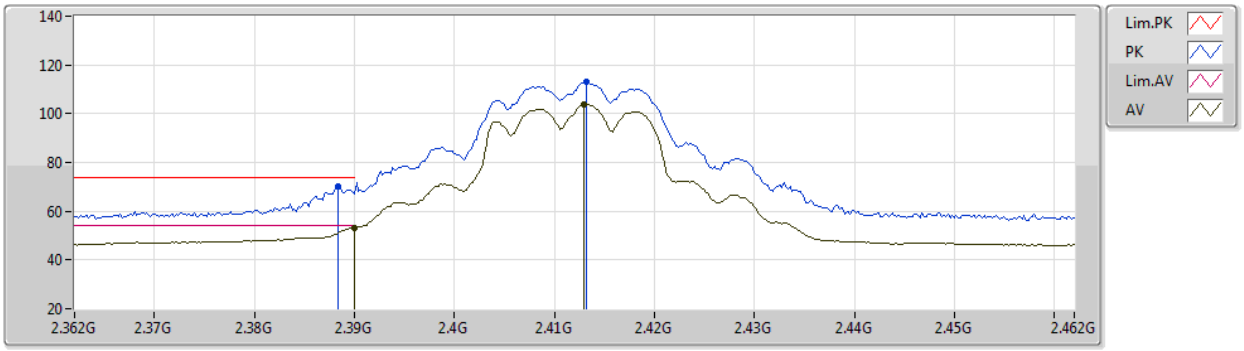
EUT Y_2TX
Setting 24
03-C-J-7

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	4.9239G	53.11	74.00	-20.89	48.63	3	Horizontal	166	1.46	-	33.50	6.39	35.41
AV	4.92398G	47.16	54.00	-6.84	42.68	3	Horizontal	166	1.46	-	33.50	6.39	35.41

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

17/11/2020



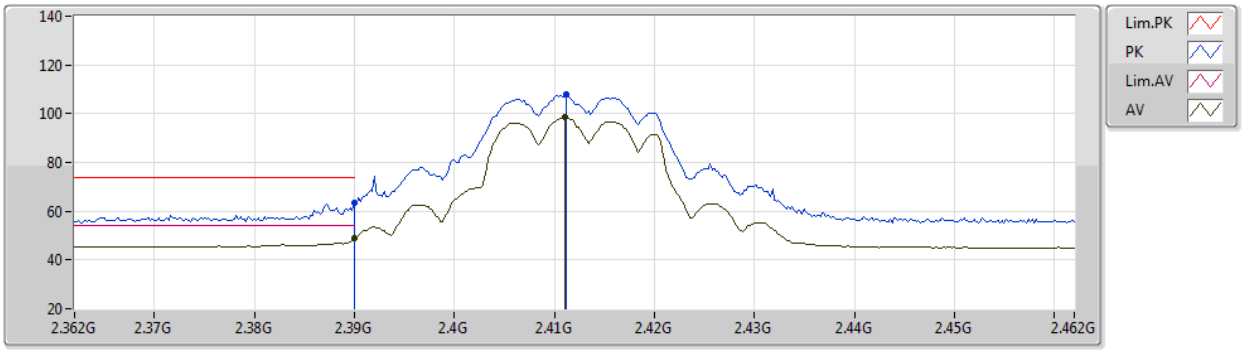
EUT Y_2TX
Setting 1A
03-C-J-7

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	2.3884G	70.27	74.00	-3.73	38.68	3	Vertical	170	1.76	-	28.10	3.49	-
AV	2.39G	53.33	54.00	-0.67	21.74	3	Vertical	170	1.76	-	28.10	3.49	-
PK	2.4132G	112.94	Inf	-Inf	81.30	3	Vertical	170	1.76	-	28.13	3.51	-
AV	2.413G	103.81	Inf	-Inf	72.17	3	Vertical	170	1.76	-	28.13	3.51	-

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

17/11/2020



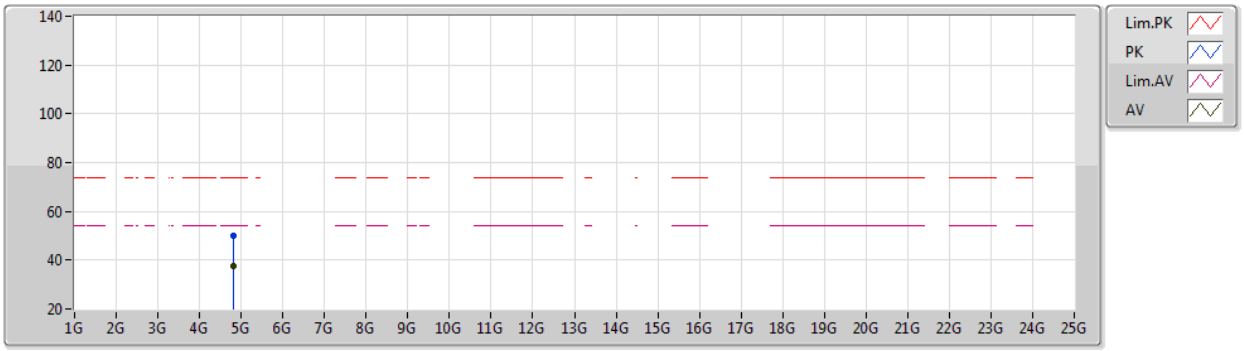
EUT Y_2TX
Setting 1A
03-C-J-7

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	2.39G	63.46	74.00	-10.54	31.87	3	Horizontal	218	1.72	-	28.10	3.49	-
AV	2.39G	49.07	54.00	-4.93	17.48	3	Horizontal	218	1.72	-	28.10	3.49	-
PK	2.4112G	107.84	Inf	-Inf	76.21	3	Horizontal	218	1.72	-	28.12	3.51	-
AV	2.411G	98.45	Inf	-Inf	66.82	3	Horizontal	218	1.72	-	28.12	3.51	-

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

17/11/2020



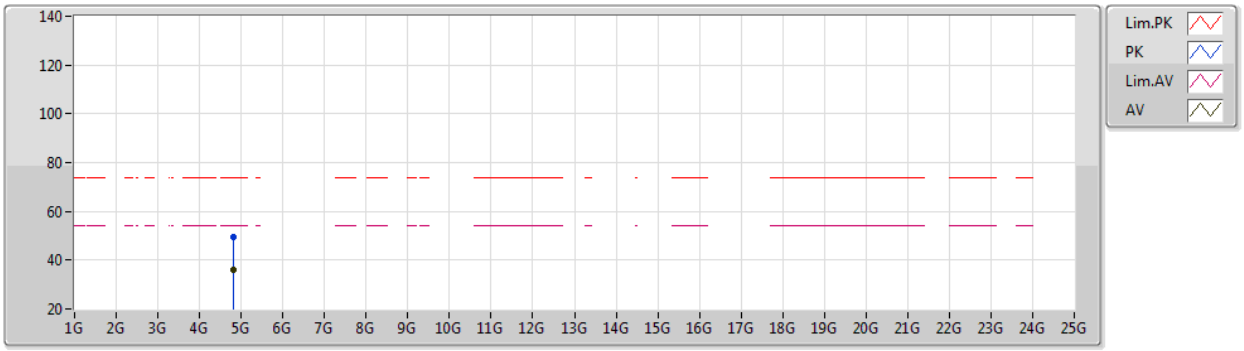
EUT Y_2TX
Setting 1A
03-C-J-7

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	4.82512G	50.09	74.00	-23.91	45.85	3	Vertical	181	1.43	-	33.30	6.24	35.30
AV	4.82496G	37.49	54.00	-16.51	33.25	3	Vertical	181	1.43	-	33.30	6.24	35.30

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

17/11/2020



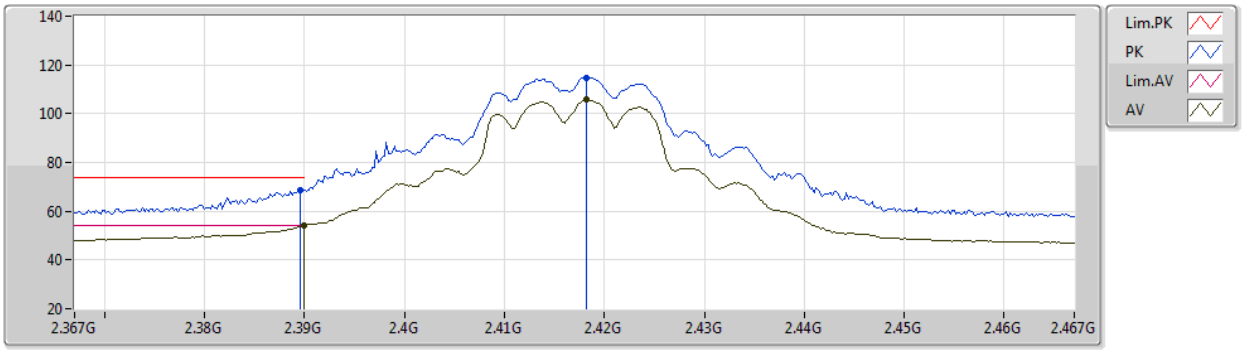
EUT Y_2TX
Setting 1A
03-C-J-7

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	4.82536G	49.63	74.00	-24.37	45.39	3	Horizontal	90	1.00	-	33.30	6.24	35.30
AV	4.82464G	36.17	54.00	-17.83	31.93	3	Horizontal	90	1.00	-	33.30	6.24	35.30

802.11g_Nss1,(6Mbps)_2TX

2417MHz_TX

17/11/2020



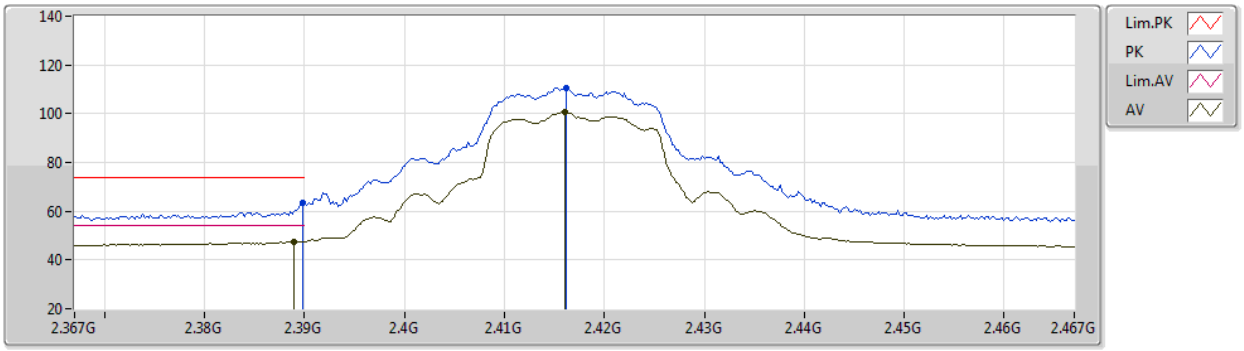
EUT Y_2TX
Setting 1E
03-C-J-7

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	68.78	74.00	-5.22	37.19	3	Vertical	163	1.57	-	28.10	3.49	-
AV	2.39G	53.96	54.00	-0.04	22.37	3	Vertical	163	1.57	-	28.10	3.49	-
PK	2.4182G	114.86	Inf	-Inf	83.20	3	Vertical	163	1.57	-	28.14	3.52	-
AV	2.4182G	105.78	Inf	-Inf	74.12	3	Vertical	163	1.57	-	28.14	3.52	-

802.11g_Nss1,(6Mbps)_2TX

2417MHz_TX

17/11/2020



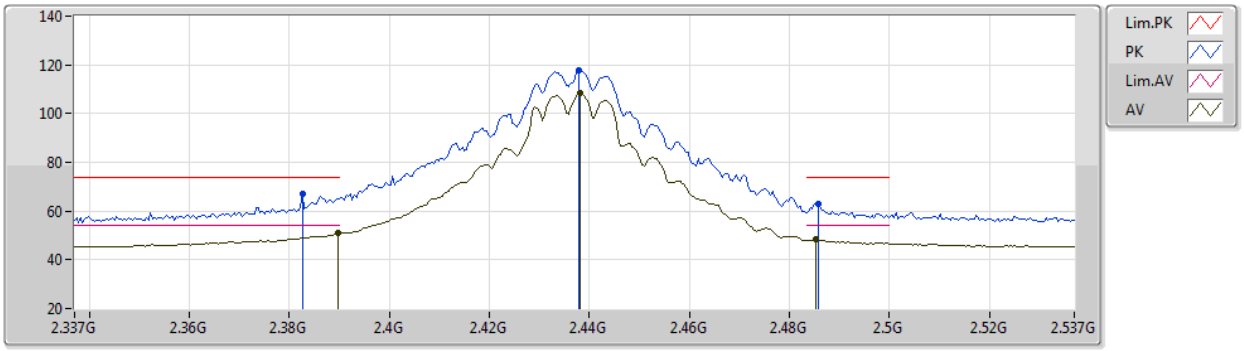
EUT Y_2TX
Setting 1E
03-C-J-7

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	63.47	74.00	-10.53	31.88	3	Horizontal	208	2.01	-	28.10	3.49	-
AV	2.389G	47.39	54.00	-6.61	15.80	3	Horizontal	208	2.01	-	28.10	3.49	-
PK	2.4162G	110.51	Inf	-Inf	78.86	3	Horizontal	208	2.01	-	28.13	3.52	-
AV	2.416G	100.62	Inf	-Inf	68.97	3	Horizontal	208	2.01	-	28.13	3.52	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

17/11/2020



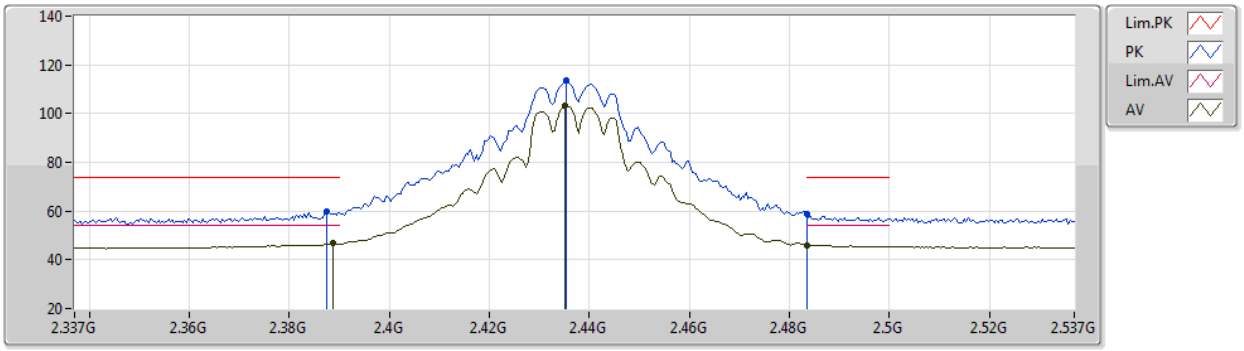
EUT Y_2TX
Setting 2A
03-C-J-7

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	67.23	74.00	-6.77	35.65	3	Vertical	168	1.75	-	28.10	3.48	-
AV	2.3898G	50.80	54.00	-3.20	19.21	3	Vertical	168	1.75	-	28.10	3.49	-
PK	2.4378G	117.95	Inf	-Inf	86.23	3	Vertical	168	1.75	-	28.18	3.54	-
AV	2.4382G	108.53	Inf	-Inf	76.81	3	Vertical	168	1.75	-	28.18	3.54	-
PK	2.4858G	63.03	74.00	-10.97	31.03	3	Vertical	168	1.75	-	28.41	3.59	-
AV	2.4854G	48.26	54.00	-5.74	16.26	3	Vertical	168	1.75	-	28.41	3.59	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

17/11/2020



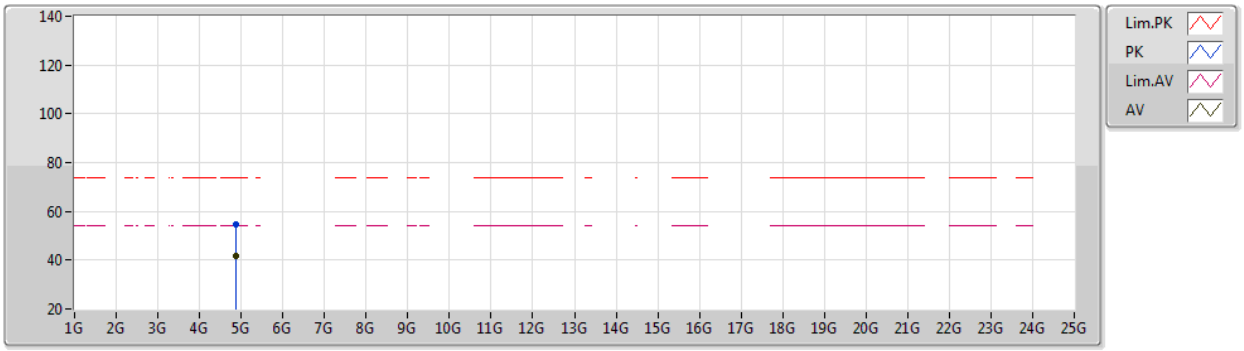
EUT Y_2TX
Setting 2A
03-C-J-7

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	59.83	74.00	-14.17	28.24	3	Horizontal	221	1.66	-	28.10	3.49	-
AV	2.3886G	46.65	54.00	-7.35	15.06	3	Horizontal	221	1.66	-	28.10	3.49	-
PK	2.4354G	113.46	Inf	-Inf	81.75	3	Horizontal	221	1.66	-	28.17	3.54	-
AV	2.435G	103.04	Inf	-Inf	71.33	3	Horizontal	221	1.66	-	28.17	3.54	-
PK	2.4835G	58.78	74.00	-15.22	26.80	3	Horizontal	221	1.66	-	28.40	3.58	-
AV	2.4835G	46.11	54.00	-7.89	14.13	3	Horizontal	221	1.66	-	28.40	3.58	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

17/11/2020



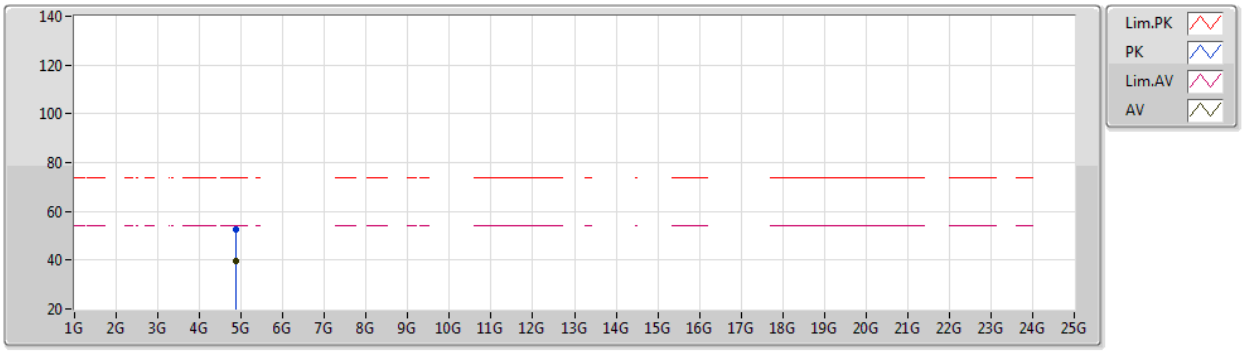
EUT Y_2TX
Setting 2A
03-C-J-7

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	4.87048G	54.75	74.00	-19.25	50.31	3	Vertical	180	1.51	-	33.48	6.31	35.35
AV	4.87624G	41.87	54.00	-12.13	37.42	3	Vertical	180	1.51	-	33.50	6.31	35.36

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

17/11/2020



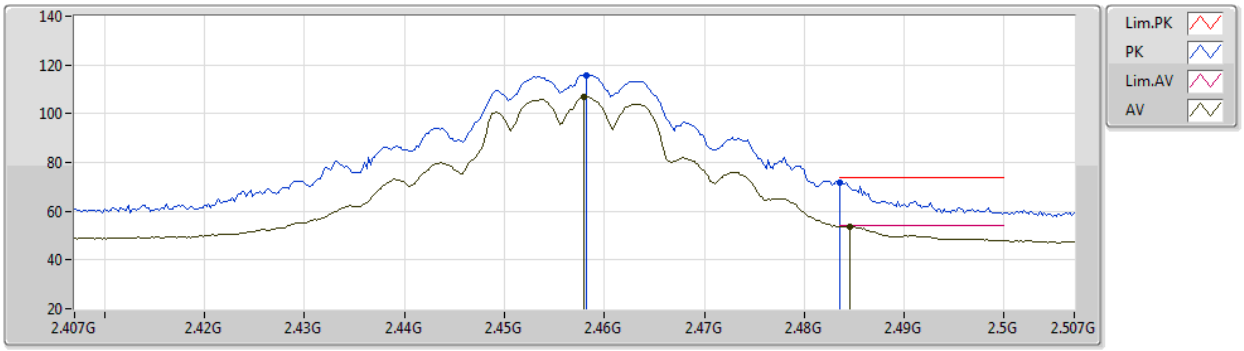
EUT Y_2TX
Setting 2A
03-C-J-7

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	4.87024G	52.80	74.00	-21.20	48.36	3	Horizontal	56	1.75	-	33.48	6.31	35.35
AV	4.87624G	39.79	54.00	-14.21	35.34	3	Horizontal	56	1.75	-	33.50	6.31	35.36

802.11g_Nss1,(6Mbps)_2TX

2457MHz_TX

17/11/2020



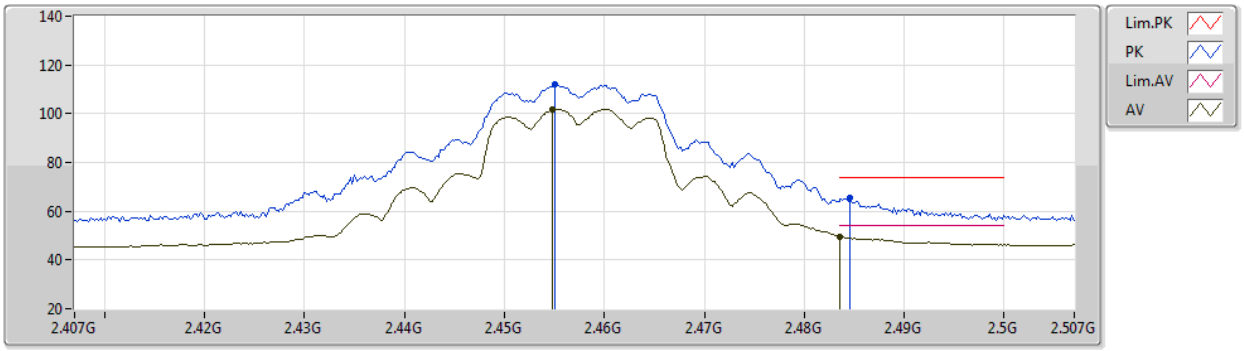
EUT Y_2TX
Setting 21
03-C-J-7

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	2.4582G	115.93	Inf	-Inf	84.12	3	Vertical	167	1.95	-	28.25	3.56	-
AV	2.458G	106.93	Inf	-Inf	75.12	3	Vertical	167	1.95	-	28.25	3.56	-
PK	2.4835G	71.63	74.00	-2.37	39.65	3	Vertical	167	1.95	-	28.40	3.58	-
AV	2.4846G	53.72	54.00	-0.28	21.73	3	Vertical	167	1.95	-	28.41	3.58	-

802.11g_Nss1,(6Mbps)_2TX

2457MHz_TX

17/11/2020



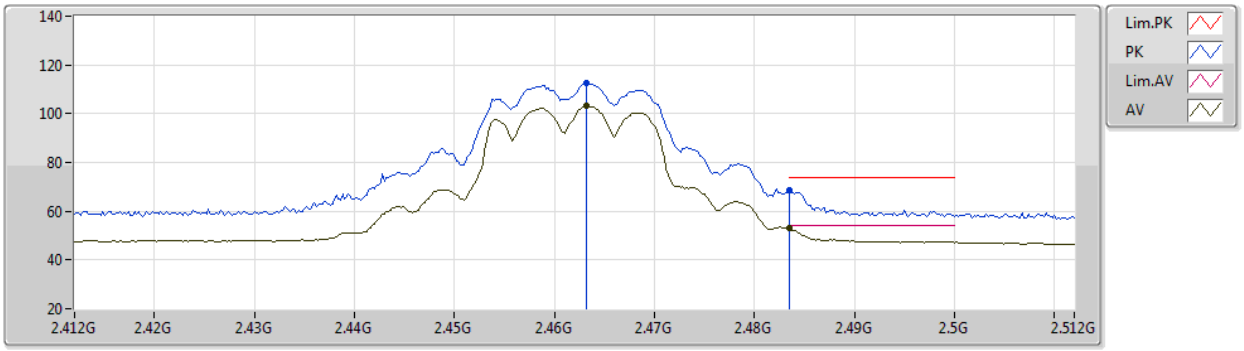
EUT Y_2TX
Setting 21
03-C-J-7

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	2.455G	111.98	Inf	-Inf	80.19	3	Horizontal	199	1.80	-	28.23	3.56	-
AV	2.4548G	101.80	Inf	-Inf	70.02	3	Horizontal	199	1.80	-	28.23	3.55	-
PK	2.4846G	65.48	74.00	-8.52	33.49	3	Horizontal	199	1.80	-	28.41	3.58	-
AV	2.4835G	49.74	54.00	-4.26	17.76	3	Horizontal	199	1.80	-	28.40	3.58	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

17/11/2020



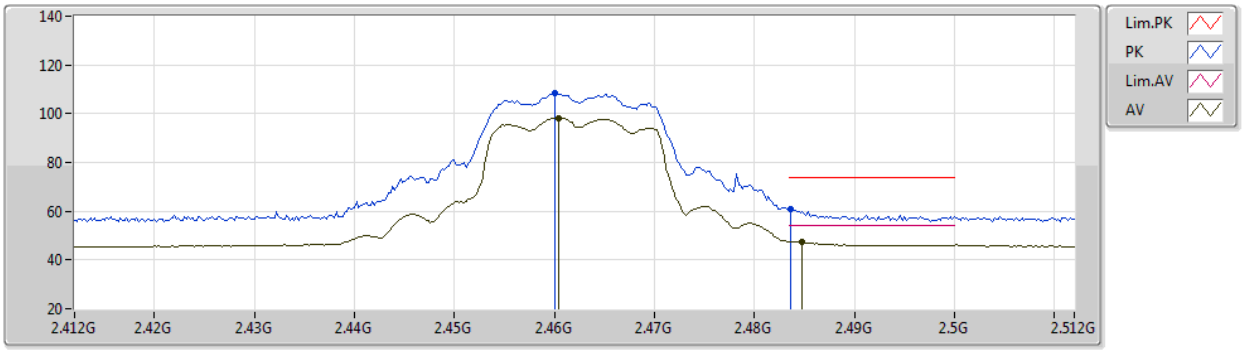
EUT Y_2TX
Setting 19
03-C-J-7

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	2.4632G	112.49	Inf	-Inf	80.65	3	Vertical	165	1.93	-	28.28	3.56	-
AV	2.4632G	103.17	Inf	-Inf	71.33	3	Vertical	165	1.93	-	28.28	3.56	-
PK	2.4835G	68.40	74.00	-5.60	36.42	3	Vertical	165	1.93	-	28.40	3.58	-
AV	2.4835G	53.29	54.00	-0.71	21.31	3	Vertical	165	1.93	-	28.40	3.58	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

17/11/2020



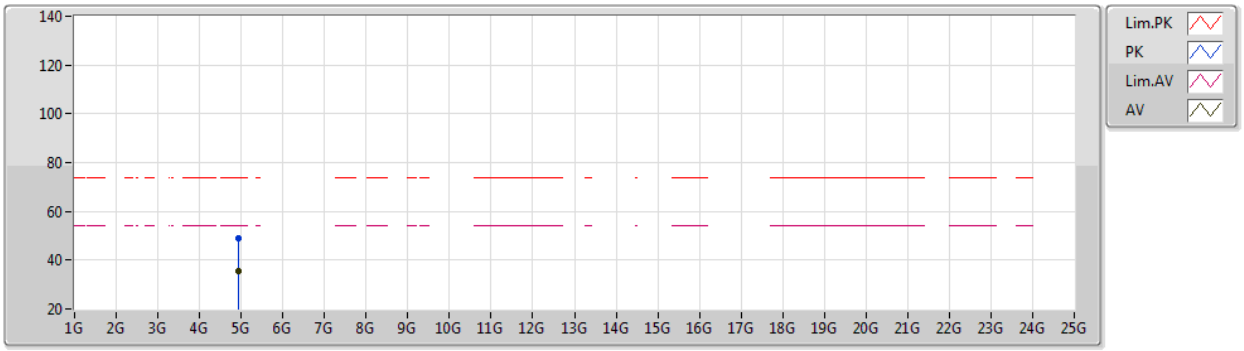
EUT Y_2TX
Setting 19
03-C-J-7

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	2.46G	108.65	Inf	-Inf	76.83	3	Horizontal	203	1.83	-	28.26	3.56	-
AV	2.4604G	98.31	Inf	-Inf	66.49	3	Horizontal	203	1.83	-	28.26	3.56	-
PK	2.4836G	60.82	74.00	-13.18	28.84	3	Horizontal	203	1.83	-	28.40	3.58	-
AV	2.4848G	47.57	54.00	-6.43	15.58	3	Horizontal	203	1.83	-	28.41	3.58	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

17/11/2020



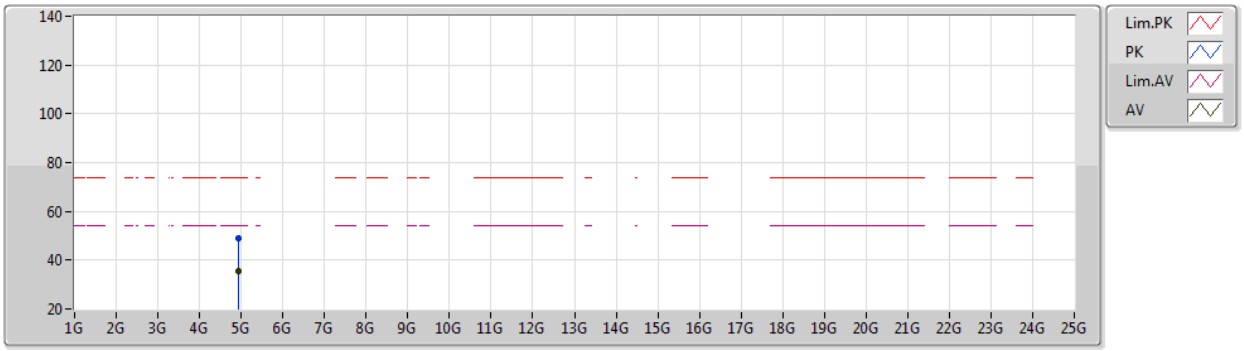
EUT Y_2TX
Setting 19
03-C-J-7

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	4.92304G	48.96	74.00	-25.04	44.48	3	Vertical	182	1.73	-	33.51	6.38	35.41
AV	4.92454G	35.38	54.00	-18.62	30.90	3	Vertical	182	1.73	-	33.50	6.39	35.41

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

17/11/2020



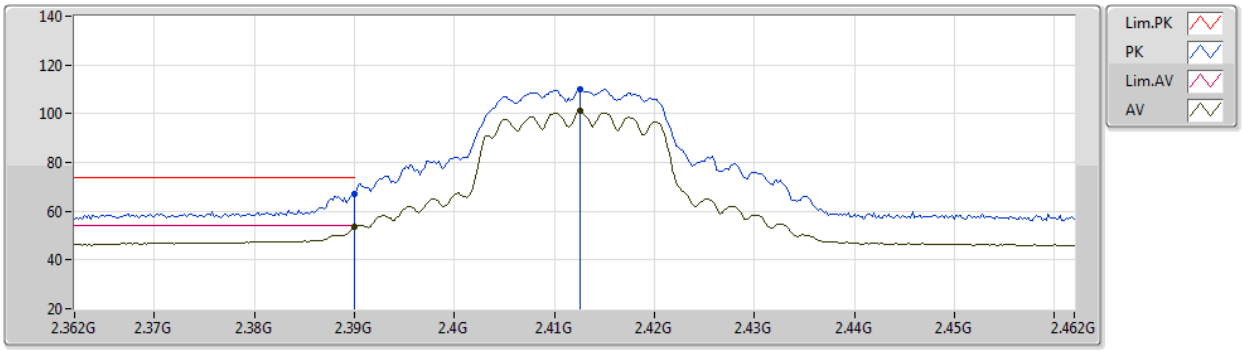
EUT Y_2TX
Setting 19
03-C-J-7

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	4.92421G	49.08	74.00	-24.92	44.60	3	Horizontal	130	2.59	-	33.50	6.39	35.41
AV	4.92496G	35.50	54.00	-18.50	31.02	3	Horizontal	130	2.59	-	33.50	6.39	35.41

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

17/11/2020



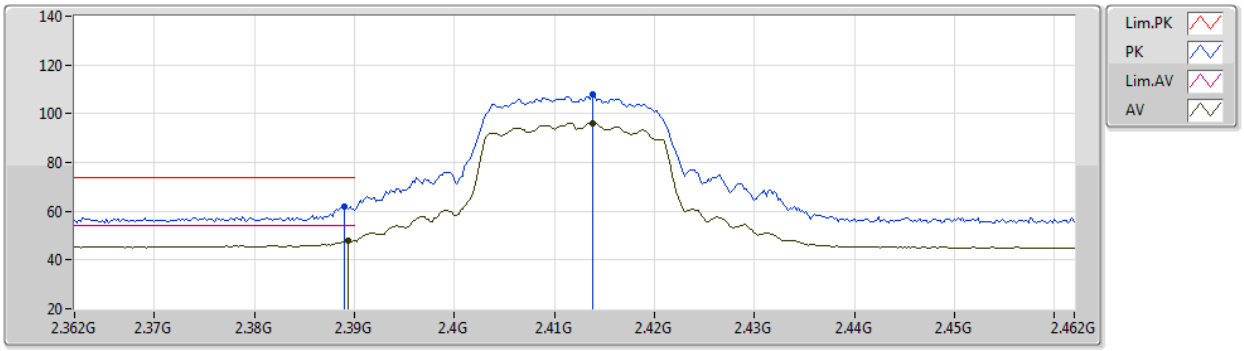
EUT Y_2TX
Setting 17
03-C-J-7

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	2.39G	67.30	74.00	-6.70	35.71	3	Vertical	169	1.75	-	28.10	3.49	-
AV	2.39G	53.53	54.00	-0.47	21.94	3	Vertical	169	1.75	-	28.10	3.49	-
PK	2.4126G	109.93	Inf	-Inf	78.29	3	Vertical	169	1.75	-	28.13	3.51	-
AV	2.4126G	101.11	Inf	-Inf	69.47	3	Vertical	169	1.75	-	28.13	3.51	-

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

17/11/2020



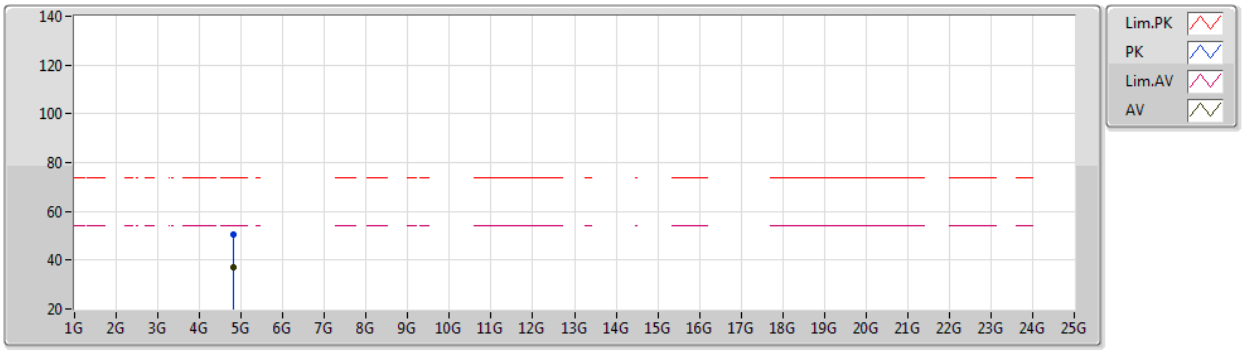
EUT Y_2TX
Setting 17
03-C-J-7

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	2.389G	62.00	74.00	-12.00	30.41	3	Horizontal	204	1.73	-	28.10	3.49	-
AV	2.3894G	48.05	54.00	-5.95	16.46	3	Horizontal	204	1.73	-	28.10	3.49	-
PK	2.4138G	107.98	Inf	-Inf	76.34	3	Horizontal	204	1.73	-	28.13	3.51	-
AV	2.4138G	96.15	Inf	-Inf	64.51	3	Horizontal	204	1.73	-	28.13	3.51	-

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

17/11/2020



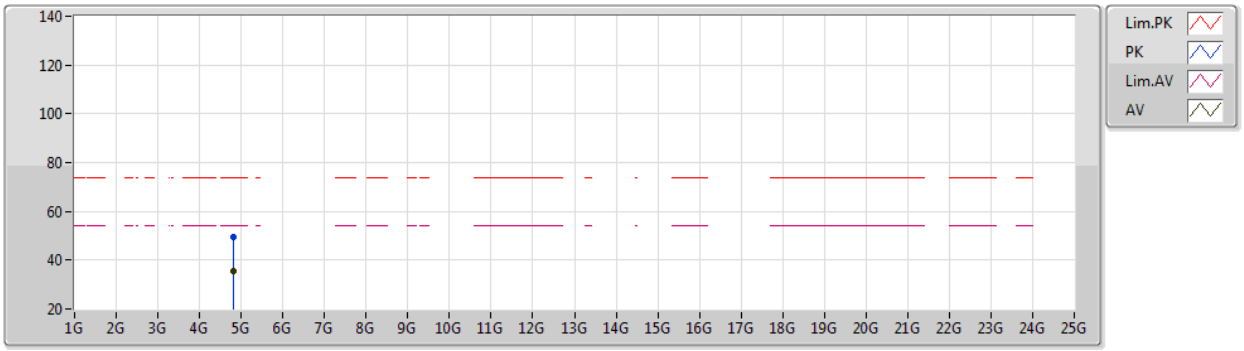
EUT Y_2TX
Setting 17
03-C-J-7

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	4.8268G	50.32	74.00	-23.68	46.08	3	Vertical	186	1.52	-	33.31	6.24	35.31
AV	4.82704G	37.00	54.00	-17.00	32.76	3	Vertical	186	1.52	-	33.31	6.24	35.31

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

17/11/2020



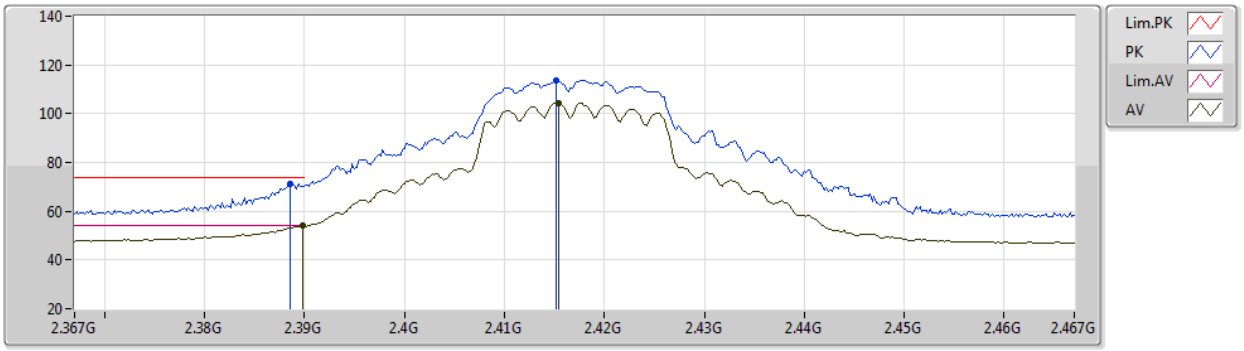
EUT Y_2TX
Setting 17
03-C-J-7

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	4.82475G	49.42	74.00	-24.58	45.18	3	Horizontal	340	1.79	-	33.30	6.24	35.30
AV	4.82484G	35.73	54.00	-18.27	31.49	3	Horizontal	340	1.79	-	33.30	6.24	35.30

802.11n HT20_Nss1,(MCS0)_2TX

2417MHz_TX

17/11/2020



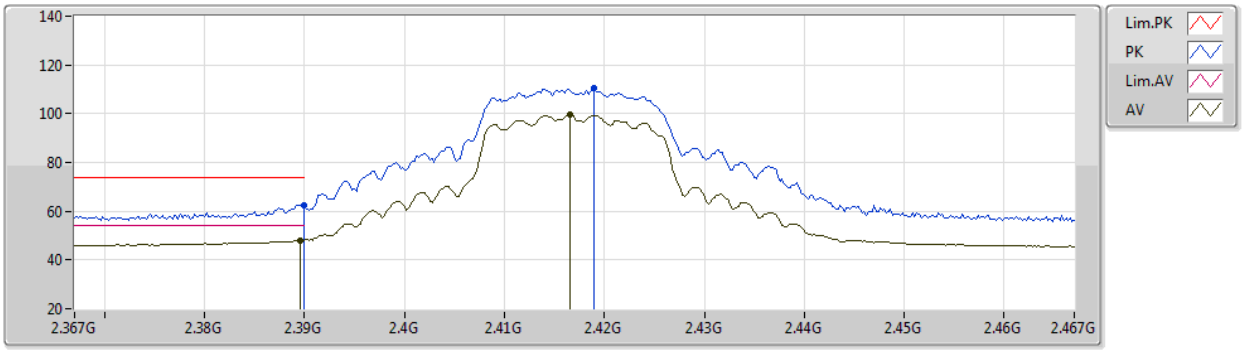
EUT Y_2TX
Setting 1E
03-C-J-7

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	2.3886G	71.28	74.00	-2.72	39.69	3	Vertical	163	1.77	-	28.10	3.49	-
AV	2.3898G	53.89	54.00	-0.11	22.30	3	Vertical	163	1.77	-	28.10	3.49	-
PK	2.4152G	113.78	Inf	-Inf	82.13	3	Vertical	163	1.77	-	28.13	3.52	-
AV	2.4154G	104.41	Inf	-Inf	72.76	3	Vertical	163	1.77	-	28.13	3.52	-

802.11n HT20_Nss1,(MCS0)_2TX

2417MHz_TX

17/11/2020



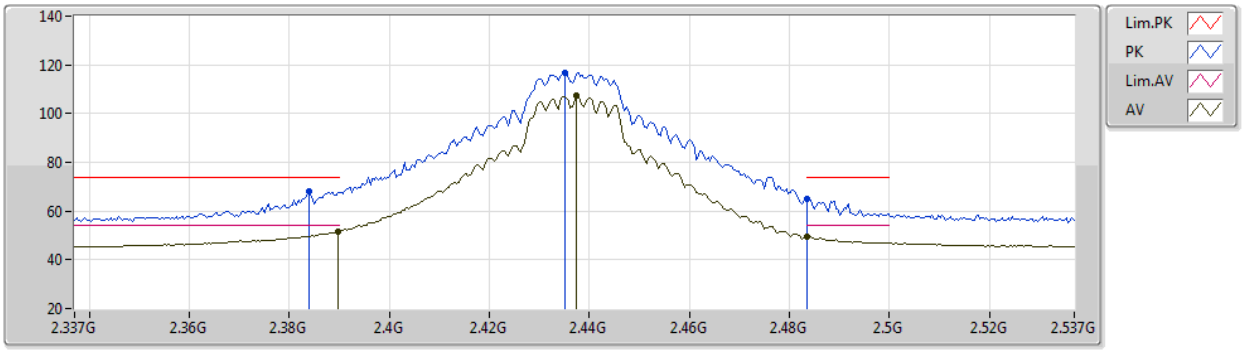
EUT Y_2TX
Setting 1E
03-C-J-7

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	2.39G	62.62	74.00	-11.38	31.03	3	Horizontal	210	2.02	-	28.10	3.49	-
AV	2.3896G	48.16	54.00	-5.84	16.57	3	Horizontal	210	2.02	-	28.10	3.49	-
PK	2.419G	110.45	Inf	-Inf	78.79	3	Horizontal	210	2.02	-	28.14	3.52	-
AV	2.4166G	99.73	Inf	-Inf	68.08	3	Horizontal	210	2.02	-	28.13	3.52	-

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

17/11/2020



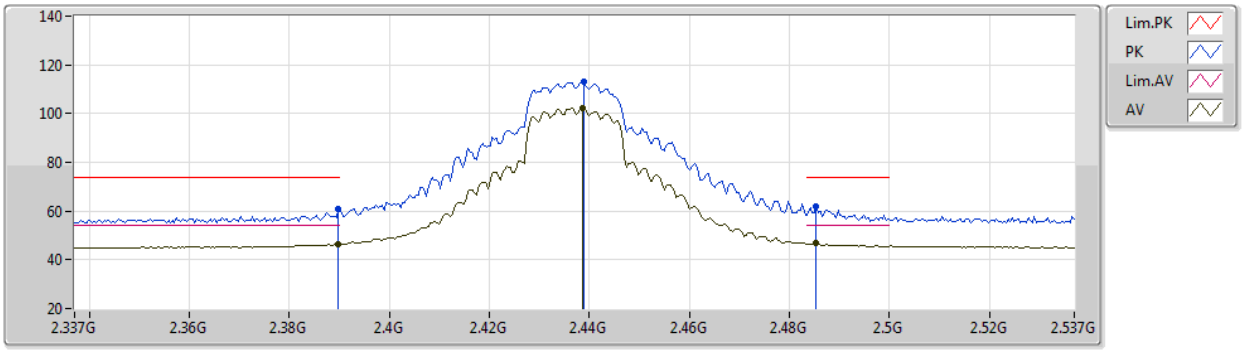
EUT Y_2TX
Setting 2A
03-C-J-7

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	2.3838G	68.05	74.00	-5.95	36.47	3	Vertical	170	1.73	-	28.10	3.48	-
AV	2.3898G	51.36	54.00	-2.64	19.77	3	Vertical	170	1.73	-	28.10	3.49	-
PK	2.435G	116.60	Inf	-Inf	84.89	3	Vertical	170	1.73	-	28.17	3.54	-
AV	2.4374G	107.62	Inf	-Inf	75.91	3	Vertical	170	1.73	-	28.17	3.54	-
PK	2.4835G	64.89	74.00	-9.11	32.91	3	Vertical	170	1.73	-	28.40	3.58	-
AV	2.4835G	49.42	54.00	-4.58	17.44	3	Vertical	170	1.73	-	28.40	3.58	-

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

17/11/2020



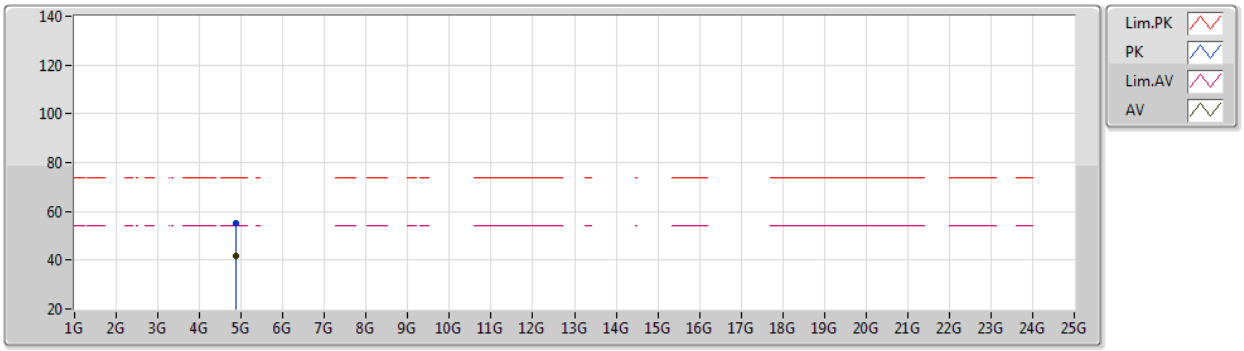
EUT Y_2TX
Setting 2A
03-C-J-7

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	60.65	74.00	-13.35	29.06	3	Horizontal	202	1.84	-	28.10	3.49	-
AV	2.3898G	46.57	54.00	-7.43	14.98	3	Horizontal	202	1.84	-	28.10	3.49	-
PK	2.439G	113.24	Inf	-Inf	81.52	3	Horizontal	202	1.84	-	28.18	3.54	-
AV	2.4386G	102.48	Inf	-Inf	70.76	3	Horizontal	202	1.84	-	28.18	3.54	-
PK	2.4854G	61.84	74.00	-12.16	29.84	3	Horizontal	202	1.84	-	28.41	3.59	-
AV	2.4854G	46.68	54.00	-7.32	14.68	3	Horizontal	202	1.84	-	28.41	3.59	-

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

17/11/2020



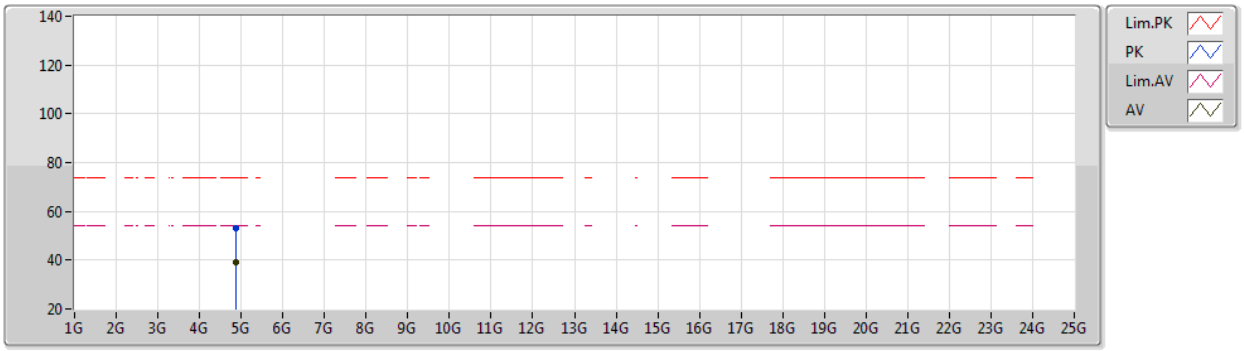
EUT Y_2TX
Setting 2A
03-C-J-7

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	4.87256G	55.31	74.00	-18.69	50.86	3	Vertical	176	1.59	-	33.49	6.31	35.35
AV	4.87232G	41.52	54.00	-12.48	37.07	3	Vertical	176	1.59	-	33.49	6.31	35.35

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

17/11/2020



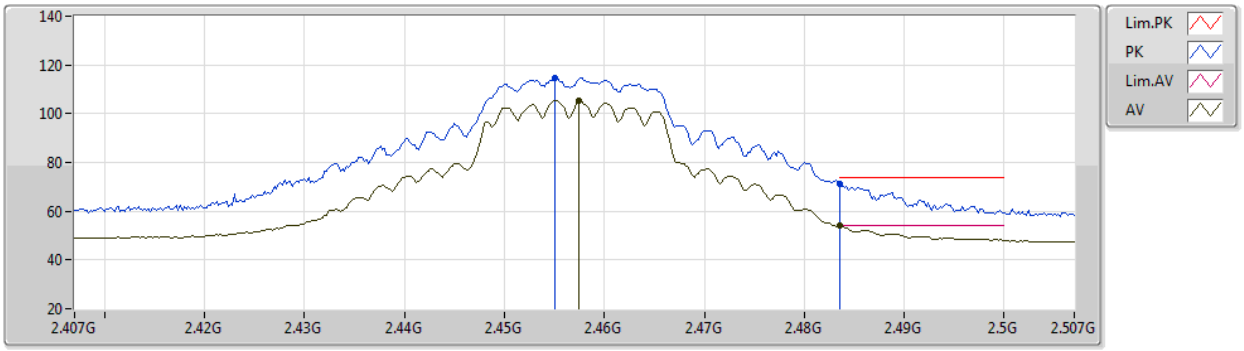
EUT Y_2TX
Setting 2A
03-C-J-7

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	4.8748G	52.98	74.00	-21.02	48.53	3	Horizontal	54	1.81	-	33.50	6.31	35.36
AV	4.87G	39.34	54.00	-14.66	34.90	3	Horizontal	54	1.81	-	33.48	6.31	35.35

802.11n HT20_Nss1,(MCS0)_2TX

2457MHz_TX

17/11/2020



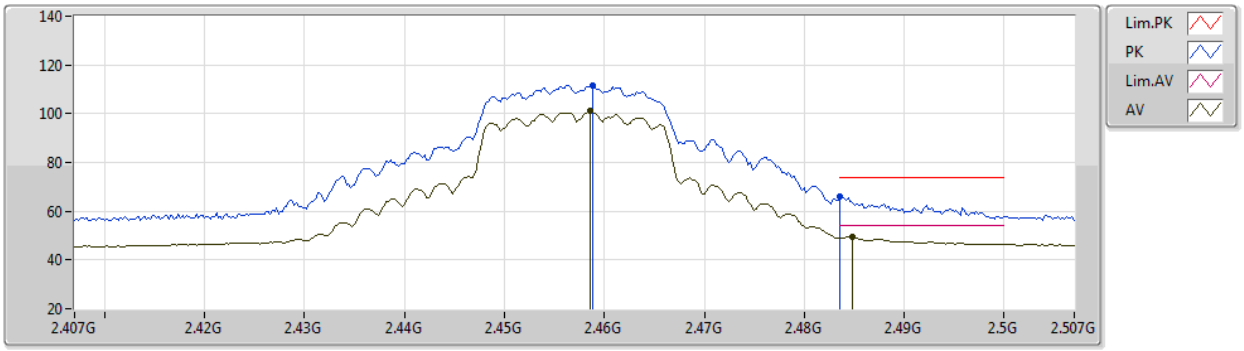
EUT Y_2TX
Setting 20
03-C-J-7

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	2.455G	114.88	Inf	-Inf	83.09	3	Vertical	167	1.97	-	28.23	3.56	-
AV	2.4574G	105.44	Inf	-Inf	73.64	3	Vertical	167	1.97	-	28.24	3.56	-
PK	2.4835G	71.30	74.00	-2.70	39.32	3	Vertical	167	1.97	-	28.40	3.58	-
AV	2.4835G	53.93	54.00	-0.07	21.95	3	Vertical	167	1.97	-	28.40	3.58	-

802.11n HT20_Nss1,(MCS0)_2TX

2457MHz_TX

17/11/2020



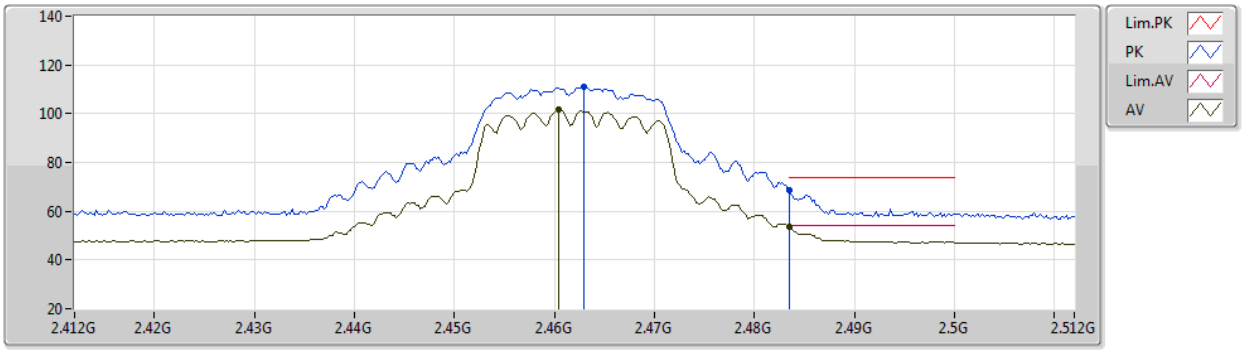
EUT Y_2TX
Setting 20
03-C-J-7

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	2.4588G	111.81	Inf	-Inf	80.00	3	Horizontal	201	1.80	-	28.25	3.56	-
AV	2.4586G	101.12	Inf	-Inf	69.31	3	Horizontal	201	1.80	-	28.25	3.56	-
PK	2.4836G	65.93	74.00	-8.07	33.95	3	Horizontal	201	1.80	-	28.40	3.58	-
AV	2.4848G	49.34	54.00	-4.66	17.35	3	Horizontal	201	1.80	-	28.41	3.58	-

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

17/11/2020



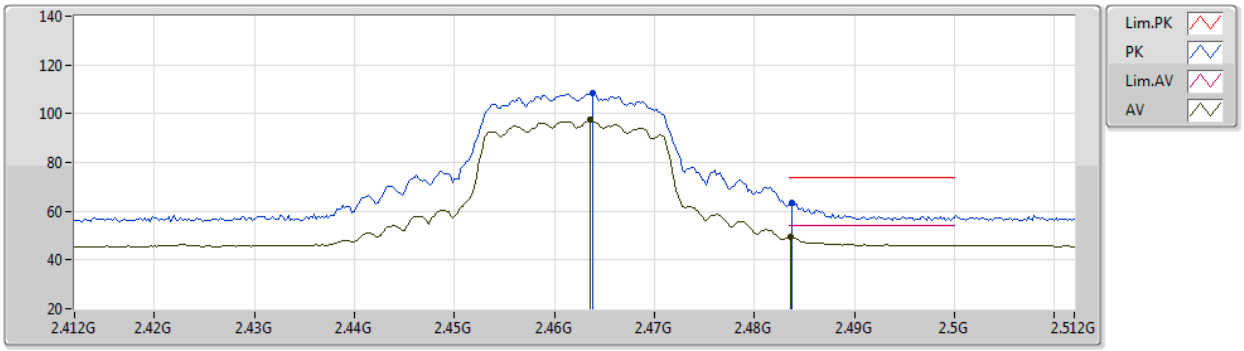
EUT Y_2TX
Setting 18
03-C-J-7

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	2.463G	111.07	Inf	-Inf	79.23	3	Vertical	159	1.95	-	28.28	3.56	-
AV	2.4604G	101.48	Inf	-Inf	69.66	3	Vertical	159	1.95	-	28.26	3.56	-
PK	2.4835G	68.45	74.00	-5.55	36.47	3	Vertical	159	1.95	-	28.40	3.58	-
AV	2.4835G	53.81	54.00	-0.19	21.83	3	Vertical	159	1.95	-	28.40	3.58	-

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

17/11/2020



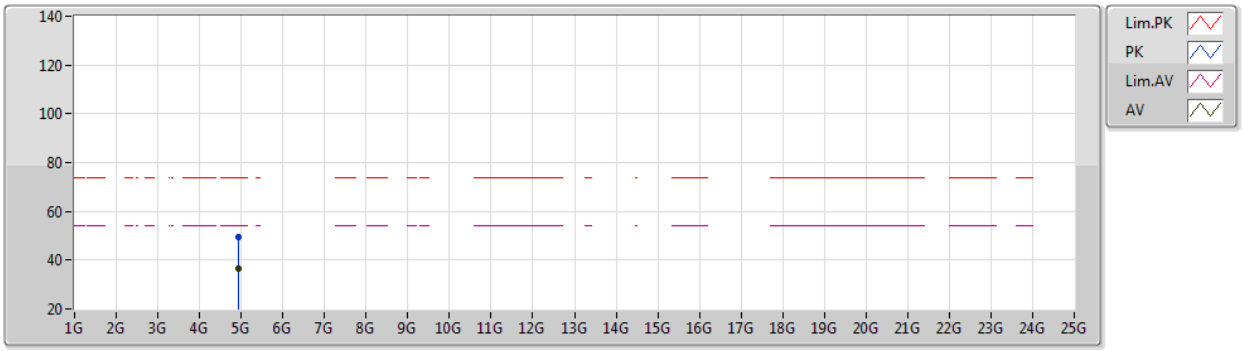
EUT Y_2TX
Setting 18
03-C-J-7

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	2.4638G	108.64	Inf	-Inf	76.80	3	Horizontal	203	1.80	-	28.28	3.56	-
AV	2.4636G	97.36	Inf	-Inf	65.52	3	Horizontal	203	1.80	-	28.28	3.56	-
PK	2.4838G	63.32	74.00	-10.68	31.34	3	Horizontal	203	1.80	-	28.40	3.58	-
AV	2.4836G	49.30	54.00	-4.70	17.32	3	Horizontal	203	1.80	-	28.40	3.58	-

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

17/11/2020



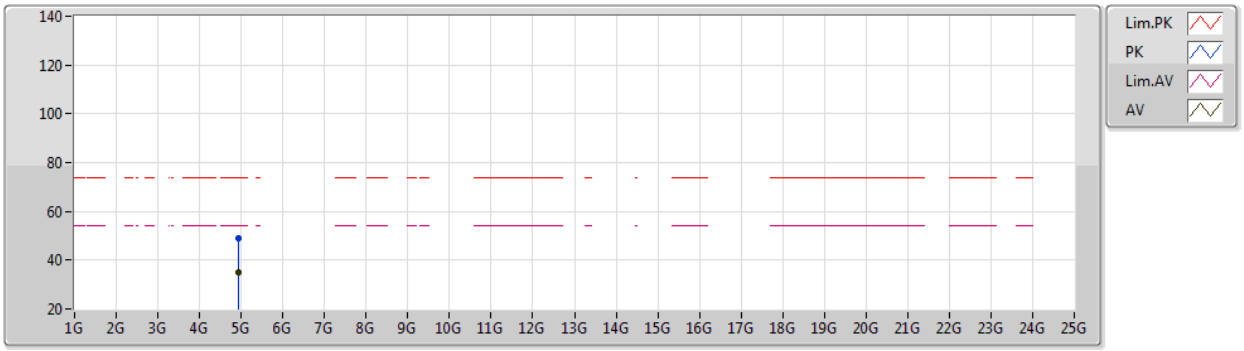
EUT Y_2TX
Setting 18
03-C-J-7

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	49.41	74.00	-24.59	44.92	3	Vertical	154	2.63	-	33.51	6.39	35.41
AV	4.92446G	36.35	54.00	-17.65	31.87	3	Vertical	154	2.63	-	33.50	6.39	35.41

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

17/11/2020



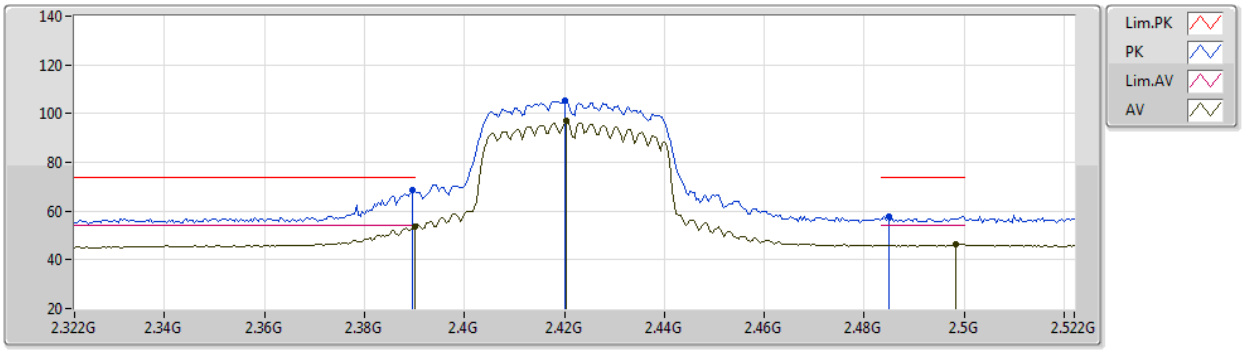
EUT Y_2TX
Setting 18
03-C-J-7

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	4.92303G	49.04	74.00	-24.96	44.56	3	Horizontal	169	2.51	-	33.51	6.38	35.41
AV	4.92364G	35.22	54.00	-18.78	30.73	3	Horizontal	169	2.51	-	33.51	6.39	35.41

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

17/11/2020



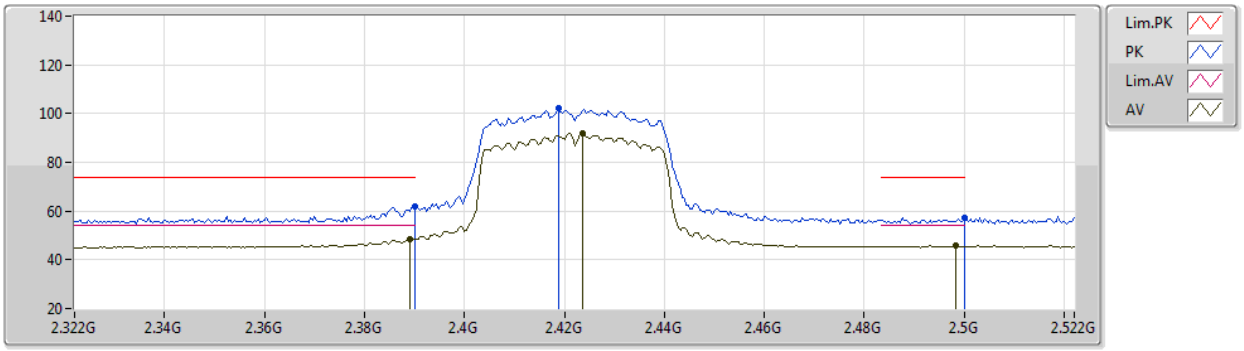
EUT Y_2TX
Setting 12
03-C-J-7

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	68.83	74.00	-5.17	37.24	3	Vertical	160	1.80	-	28.10	3.49	-
AV	2.39G	53.85	54.00	-0.15	22.26	3	Vertical	160	1.80	-	28.10	3.49	-
PK	2.42G	105.51	Inf	-Inf	73.85	3	Vertical	160	1.80	-	28.14	3.52	-
AV	2.4204G	96.82	Inf	-Inf	65.16	3	Vertical	160	1.80	-	28.14	3.52	-
PK	2.4848G	57.78	74.00	-16.22	25.79	3	Vertical	160	1.80	-	28.41	3.58	-
AV	2.4984G	46.43	54.00	-7.57	14.34	3	Vertical	160	1.80	-	28.49	3.60	-

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

17/11/2020



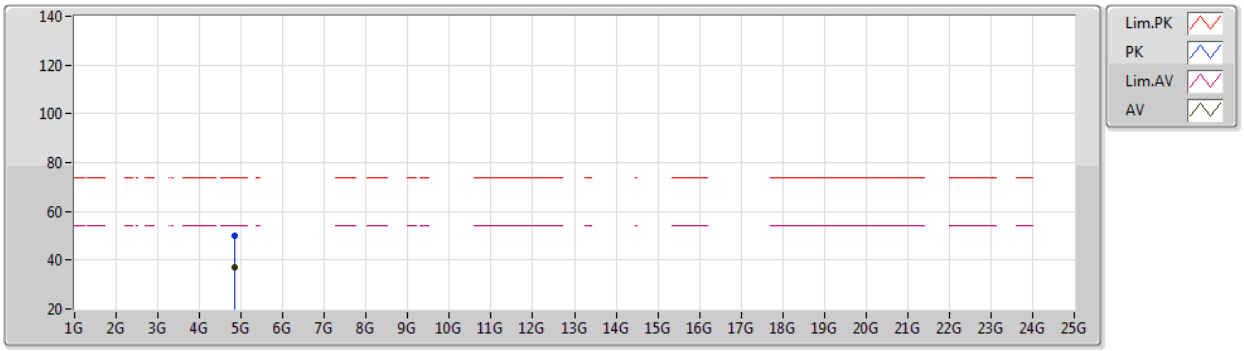
EUT Y_2TX
Setting 12
03-C-J-7

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	2.39G	62.11	74.00	-11.89	30.52	3	Horizontal	205	1.65	-	28.10	3.49	-
AV	2.3892G	48.63	54.00	-5.37	17.04	3	Horizontal	205	1.65	-	28.10	3.49	-
PK	2.4188G	102.10	Inf	-Inf	70.44	3	Horizontal	205	1.65	-	28.14	3.52	-
AV	2.4236G	92.10	Inf	-Inf	60.43	3	Horizontal	205	1.65	-	28.15	3.52	-
PK	2.5G	57.35	74.00	-16.65	25.25	3	Horizontal	205	1.65	-	28.50	3.60	-
AV	2.4984G	45.72	54.00	-8.28	13.63	3	Horizontal	205	1.65	-	28.49	3.60	-

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

17/11/2020



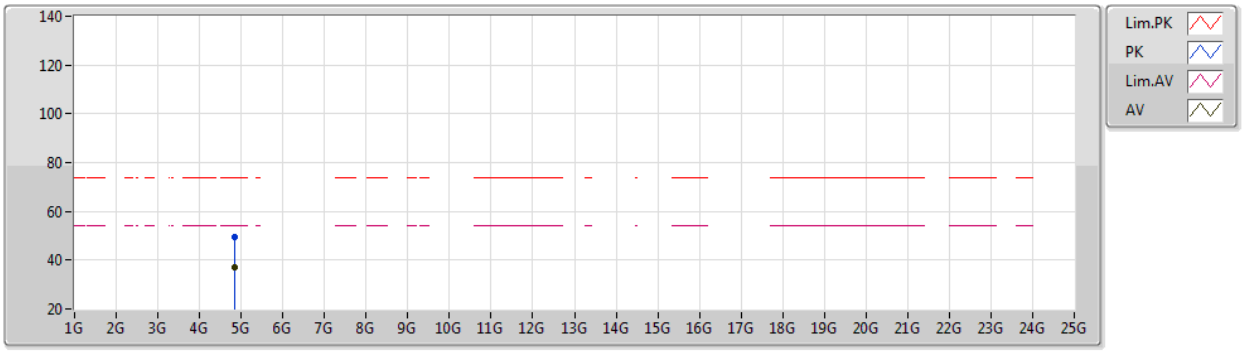
EUT Y_2TX
Setting 12
03-C-J-7

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	4.84476G	50.00	74.00	-24.00	45.68	3	Vertical	354	1.61	-	33.38	6.27	35.33
AV	4.84482G	37.09	54.00	-16.91	32.77	3	Vertical	354	1.61	-	33.38	6.27	35.33

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

17/11/2020



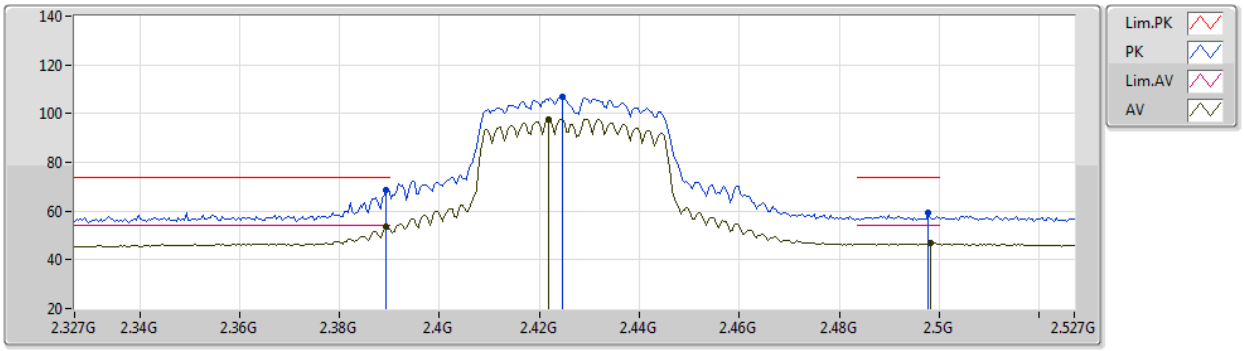
EUT Y_2TX
Setting 12
03-C-J-7

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	4.84461G	49.24	74.00	-24.76	44.92	3	Horizontal	344	2.04	-	33.38	6.27	35.33
AV	4.84411G	36.92	54.00	-17.08	32.59	3	Horizontal	344	2.04	-	33.38	6.27	35.32

802.11n HT40_Nss1,(MCS0)_2TX

2427MHz_TX

17/11/2020



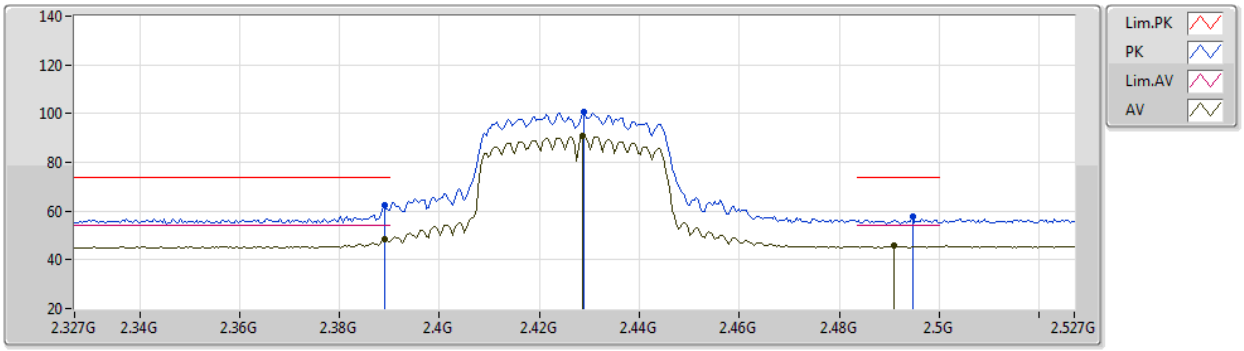
EUT Y_2TX
Setting 15
03-C-B-2

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	68.42	74.00	-5.58	36.83	3	Vertical	8	1.96	-	28.10	3.49	-
AV	2.3894G	53.60	54.00	-0.40	22.01	3	Vertical	8	1.96	-	28.10	3.49	-
PK	2.4246G	106.67	Inf	-Inf	75.00	3	Vertical	8	1.96	-	28.15	3.52	-
AV	2.4218G	97.78	Inf	-Inf	66.12	3	Vertical	8	1.96	-	28.14	3.52	-
PK	2.4978G	59.44	74.00	-14.56	27.35	3	Vertical	8	1.96	-	28.49	3.60	-
AV	2.4982G	46.70	54.00	-7.30	14.61	3	Vertical	8	1.96	-	28.49	3.60	-

802.11n HT40_Nss1,(MCS0)_2TX

2427MHz_TX

17/11/2020



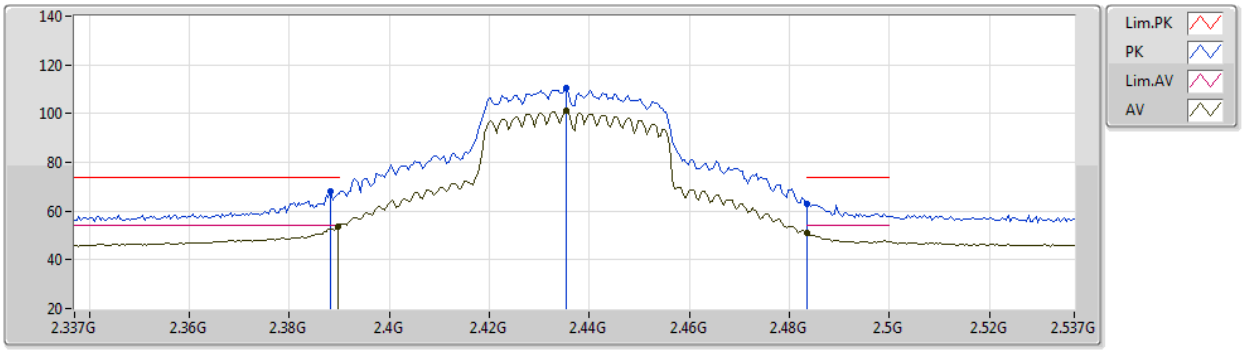
EUT Y_2TX
Setting 15
03-C-B-2

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	62.58	74.00	-11.42	30.99	3	Horizontal	32	2.27	-	28.10	3.49	-
AV	2.389G	48.38	54.00	-5.62	16.79	3	Horizontal	32	2.27	-	28.10	3.49	-
PK	2.429G	100.44	Inf	-Inf	68.75	3	Horizontal	32	2.27	-	28.16	3.53	-
AV	2.4286G	90.81	Inf	-Inf	59.12	3	Horizontal	32	2.27	-	28.16	3.53	-
PK	2.4946G	57.93	74.00	-16.07	25.87	3	Horizontal	32	2.27	-	28.47	3.59	-
AV	2.491G	45.65	54.00	-8.35	13.61	3	Horizontal	32	2.27	-	28.45	3.59	-

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

17/11/2020



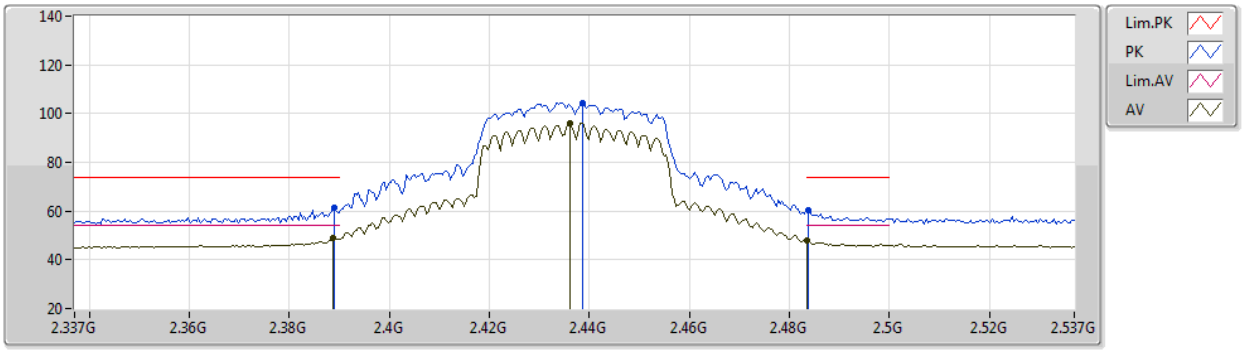
EUT Y_2TX
Setting 1B
03-C-J-7

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	68.30	74.00	-5.70	36.71	3	Vertical	164	1.77	-	28.10	3.49	-
AV	2.3898G	53.82	54.00	-0.18	22.23	3	Vertical	164	1.77	-	28.10	3.49	-
PK	2.4354G	110.31	Inf	-Inf	78.60	3	Vertical	164	1.77	-	28.17	3.54	-
AV	2.4354G	101.14	Inf	-Inf	69.43	3	Vertical	164	1.77	-	28.17	3.54	-
PK	2.4835G	62.89	74.00	-11.11	30.91	3	Vertical	164	1.77	-	28.40	3.58	-
AV	2.4835G	50.84	54.00	-3.16	18.86	3	Vertical	164	1.77	-	28.40	3.58	-

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

17/11/2020



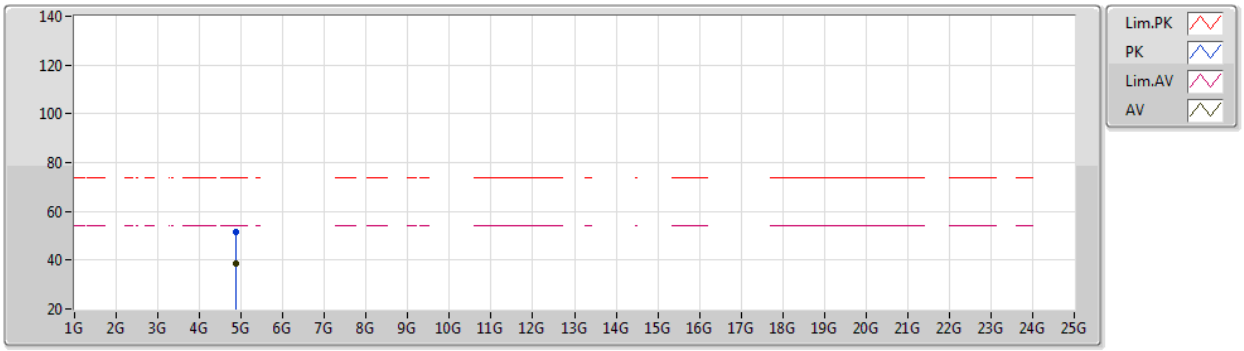
EUT Y_2TX
Setting 1B
03-C-J-7

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	61.25	74.00	-12.75	29.66	3	Horizontal	223	1.84	-	28.10	3.49	-
AV	2.3886G	48.75	54.00	-5.25	17.16	3	Horizontal	223	1.84	-	28.10	3.49	-
PK	2.4386G	104.50	Inf	-Inf	72.78	3	Horizontal	223	1.84	-	28.18	3.54	-
AV	2.4362G	96.08	Inf	-Inf	64.37	3	Horizontal	223	1.84	-	28.17	3.54	-
PK	2.4838G	60.33	74.00	-13.67	28.35	3	Horizontal	223	1.84	-	28.40	3.58	-
AV	2.4835G	48.03	54.00	-5.97	16.05	3	Horizontal	223	1.84	-	28.40	3.58	-

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

17/11/2020



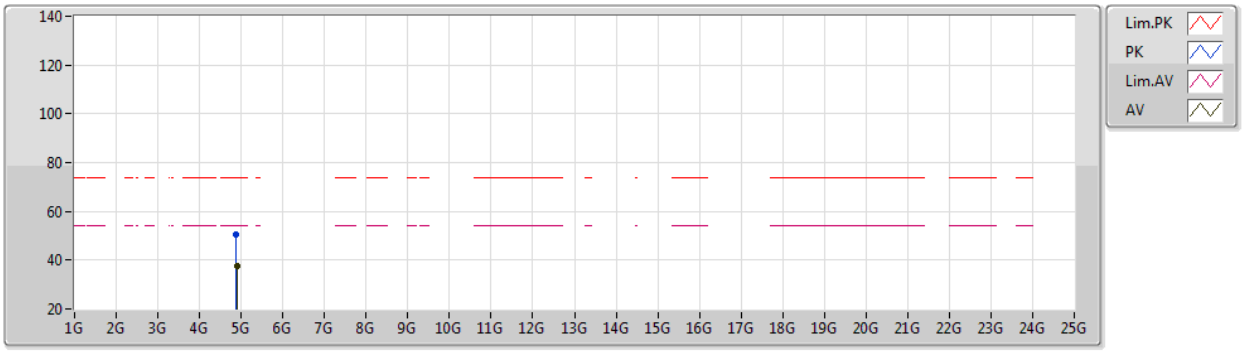
EUT Y_2TX
Setting 1B
03-C-J-7

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	4.8755G	51.34	74.00	-22.66	46.89	3	Vertical	175	1.56	-	33.50	6.31	35.36
AV	4.867G	38.46	54.00	-15.54	34.04	3	Vertical	175	1.56	-	33.47	6.30	35.35

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

17/11/2020



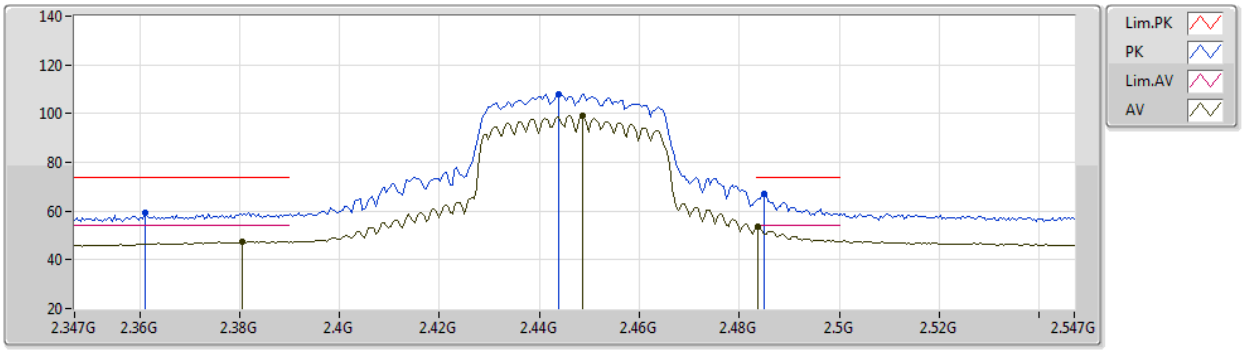
EUT Y_2TX
Setting 1B
03-C-J-7

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	4.8853G	50.70	74.00	-23.30	46.20	3	Horizontal	57	1.80	-	33.54	6.33	35.37
AV	4.8952G	37.55	54.00	-16.45	33.01	3	Horizontal	57	1.80	-	33.58	6.34	35.38

802.11n HT40_Nss1,(MCS0)_2TX

2447MHz_TX

17/11/2020



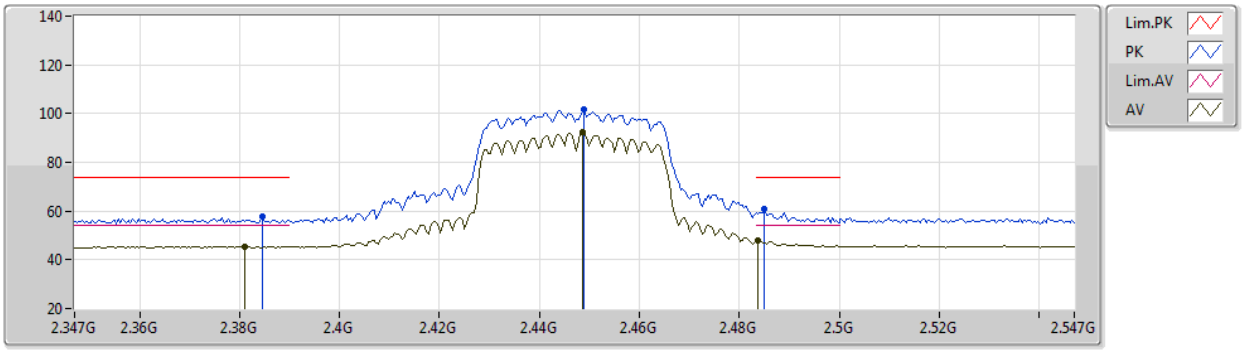
EUT Y_2TX
Setting 17
03-C-B-2

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	2.361G	59.10	74.00	-14.90	27.54	3	Vertical	29	2.18	-	28.10	3.46	-
AV	2.3806G	47.38	54.00	-6.62	15.80	3	Vertical	29	2.18	-	28.10	3.48	-
PK	2.4438G	108.16	Inf	-Inf	76.43	3	Vertical	29	2.18	-	28.19	3.54	-
AV	2.4486G	99.17	Inf	-Inf	67.42	3	Vertical	29	2.18	-	28.20	3.55	-
PK	2.485G	67.16	74.00	-6.84	35.16	3	Vertical	29	2.18	-	28.41	3.59	-
AV	2.4838G	53.79	54.00	-0.21	21.81	3	Vertical	29	2.18	-	28.40	3.58	-

802.11n HT40_Nss1,(MCS0)_2TX

2447MHz_TX

17/11/2020



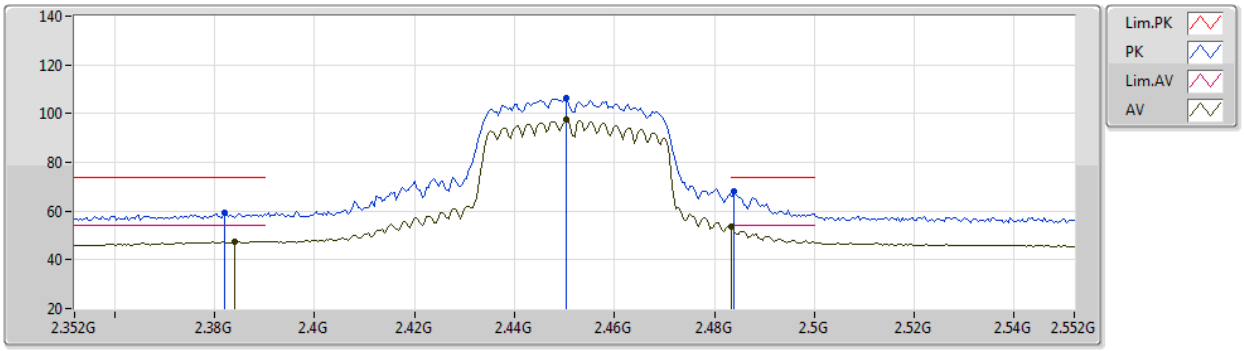
EUT Y_2TX
Setting 17
03-C-B-2

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	57.71	74.00	-16.29	26.13	3	Horizontal	33	2.23	-	28.10	3.48	-
AV	2.381G	45.56	54.00	-8.44	13.98	3	Horizontal	33	2.23	-	28.10	3.48	-
PK	2.449G	101.67	Inf	-Inf	69.92	3	Horizontal	33	2.23	-	28.20	3.55	-
AV	2.4486G	92.37	Inf	-Inf	60.62	3	Horizontal	33	2.23	-	28.20	3.55	-
PK	2.485G	60.83	74.00	-13.17	28.83	3	Horizontal	33	2.23	-	28.41	3.59	-
AV	2.4838G	47.89	54.00	-6.11	15.91	3	Horizontal	33	2.23	-	28.40	3.58	-

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

17/11/2020



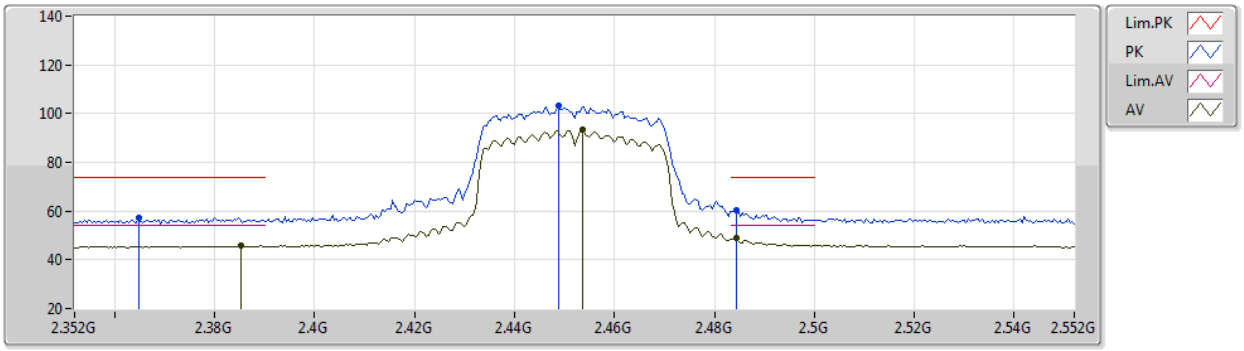
EUT Y_2TX
Setting 14
03-C-J-7

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	2.382G	59.10	74.00	-14.90	27.52	3	Vertical	162	1.55	-	28.10	3.48	-
AV	2.384G	47.44	54.00	-6.56	15.86	3	Vertical	162	1.55	-	28.10	3.48	-
PK	2.4504G	106.60	Inf	-Inf	74.85	3	Vertical	162	1.55	-	28.20	3.55	-
AV	2.4504G	97.64	Inf	-Inf	65.89	3	Vertical	162	1.55	-	28.20	3.55	-
PK	2.484G	67.88	74.00	-6.12	35.90	3	Vertical	162	1.55	-	28.40	3.58	-
AV	2.4835G	53.54	54.00	-0.46	21.56	3	Vertical	162	1.55	-	28.40	3.58	-

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

17/11/2020



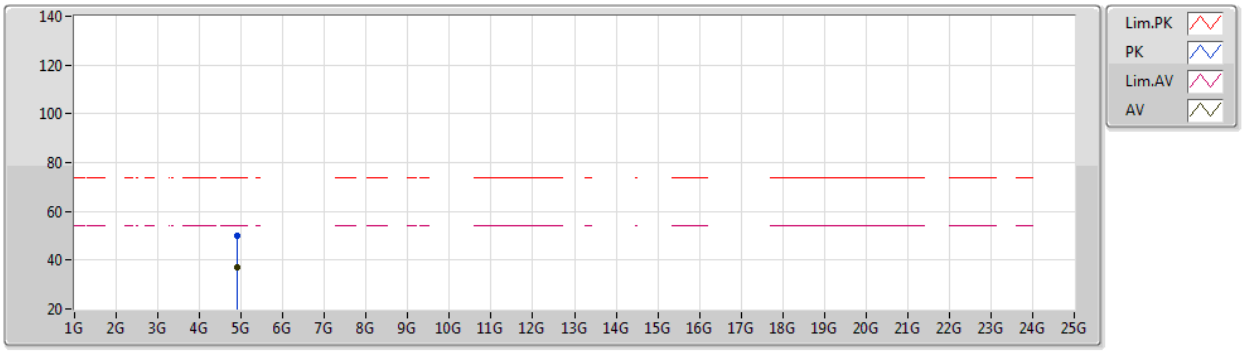
EUT Y_2TX
Setting 14
03-C-J-7

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	2.3648G	57.26	74.00	-16.74	25.70	3	Horizontal	202	1.87	-	28.10	3.46	-
AV	2.3852G	45.81	54.00	-8.19	14.22	3	Horizontal	202	1.87	-	28.10	3.49	-
PK	2.4488G	103.29	Inf	-Inf	71.54	3	Horizontal	202	1.87	-	28.20	3.55	-
AV	2.4536G	93.22	Inf	-Inf	61.45	3	Horizontal	202	1.87	-	28.22	3.55	-
PK	2.4844G	60.56	74.00	-13.44	28.57	3	Horizontal	202	1.87	-	28.41	3.58	-
AV	2.4844G	48.95	54.00	-5.05	16.96	3	Horizontal	202	1.87	-	28.41	3.58	-

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

17/11/2020



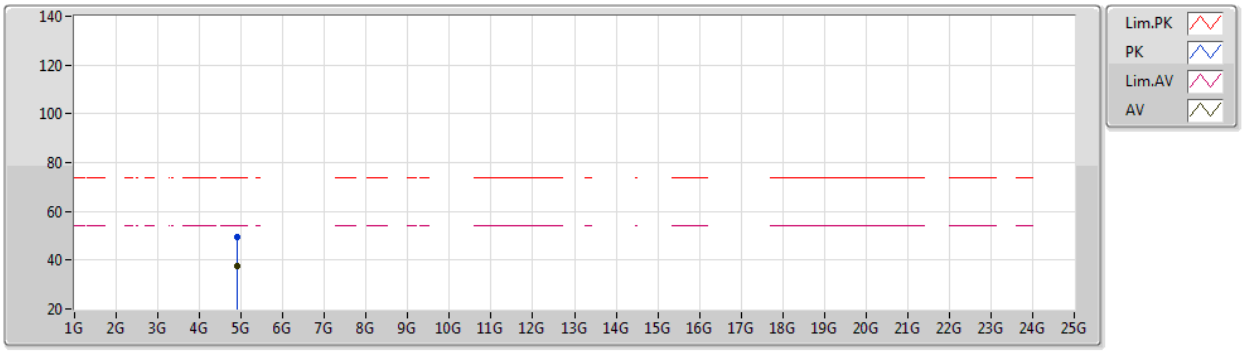
EUT Y_2TX
Setting 14
03-C-J-7

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	4.9036G	50.13	74.00	-23.87	45.57	3	Vertical	170	1.00	-	33.59	6.36	35.39
AV	4.90436G	37.26	54.00	-16.74	32.71	3	Vertical	170	1.00	-	33.58	6.36	35.39

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

17/11/2020



EUT Y_2TX
Setting 14
03-C-J-7

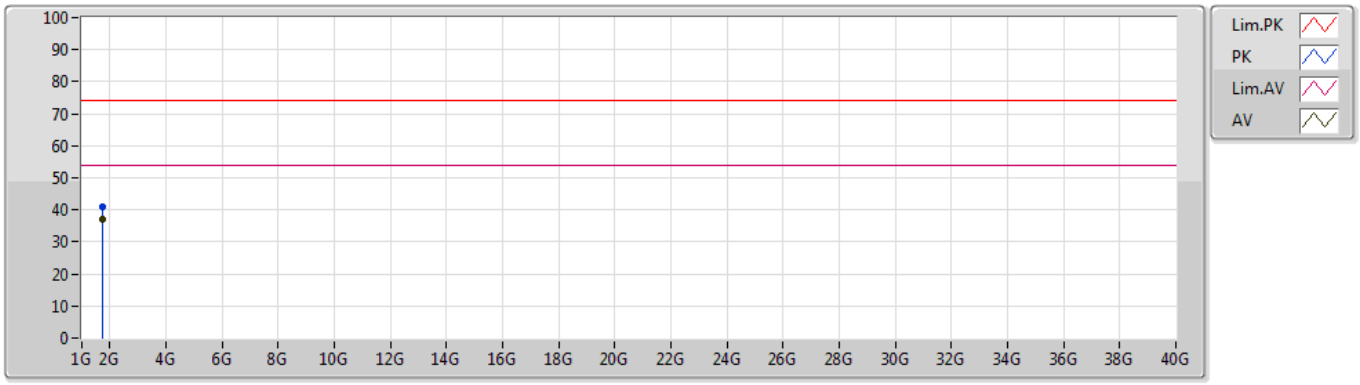
Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.90322G	49.43	74.00	-24.57	44.88	3	Horizontal	253	1.80	-	33.59	6.35	35.39
AV	4.90303G	37.43	54.00	-16.57	32.88	3	Horizontal	253	1.80	-	33.59	6.35	35.39

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	1.74992G	36.87	54.00	-17.13	Vertical

Mode 1

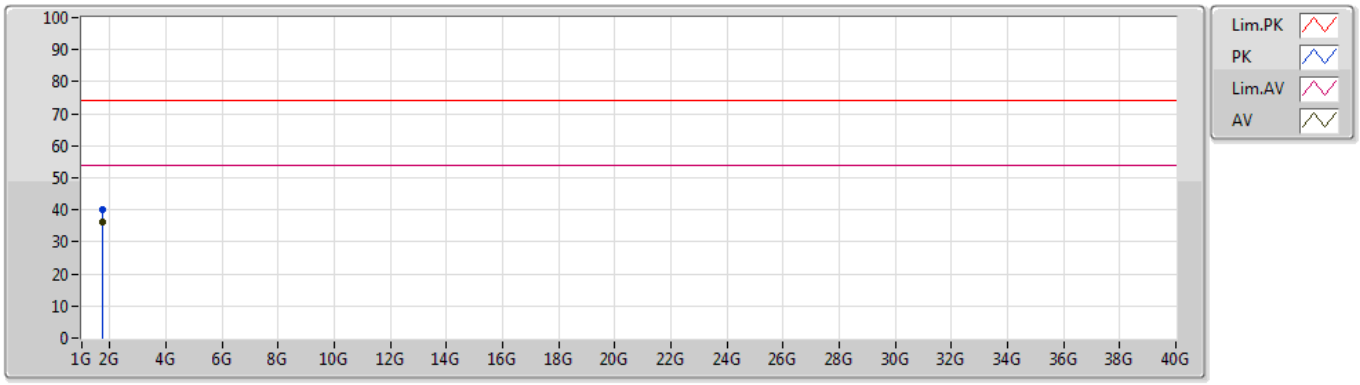
01/02/2021



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	1.75004G	40.95	74.00	-33.05	-8.04	3	Vertical	281	1.36	-	48.99	24.90	3.55	36.49
AV	1.74992G	36.87	54.00	-17.13	-8.05	3	Vertical	281	1.36	"Worst"	44.92	24.90	3.55	36.50

Mode 1

01/02/2021



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	1.75007G	40.15	74.00	-33.85	-8.04	3	Horizontal	240	2.28	-	48.19	24.90	3.55	36.49
AV	1.74985G	36.01	54.00	-17.99	-8.05	3	Horizontal	240	2.28	"Worst"	44.06	24.90	3.55	36.50