FCC RADIO TEST REPORT

FCC ID	:	TE7RE230
Equipment	:	AC750 Wi-Fi Range Extender
Brand Name	:	tp-link
Model Name	:	RE230
Applicant	:	TP-Link Technologies Co., Ltd. Building 24 (floors 1,3,4,5) and 28 (floors1-4),Central Science and Technology Park,Nanshan › Shenzhen,518057 › China
Manufacturer	:	TP-Link Technologies Co., Ltd. Building 24 (floors 1,3,4,5) and 28 (floors1-4),Central Science and Technology Park,Nanshan › Shenzhen,518057 › China
Standard	:	47 CFR FCC Part 15.247

The product was received on Mar. 03, 2020, and testing was started from Mar. 13, 2020 and completed on May 05, 2020. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of government.

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

Approved by: Sam Chen

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

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History of this test report

Report No.	Version	Description	Issued Date
FR030222AA	01	Initial issue of report	Apr. 28, 2020
FR030222AA	02	Add the test channels for section 2.1, Maximum Conducted Output Power section and Test Results of Emissions in Restricted Frequency Bands section.	May 05, 2020

Summary of Test Result

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

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and Explanations:
1. The test configuration, test mode and test software were written in this test report are declared by the manufacturer. 2. 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: Vicky Huang

1 General Description

1.1 Information

1.1.1 RF General Information

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

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	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.
- Nss-Min is the minimum number of spatial streams.
- Nant is the number of outputs. e.g., 2(2,3) means have 2 outputs for port 2 and port 3. 2 means have 2 outputs for port 1 and port 2.

1.1.2 Antenna Information

Ant.	Port		Brand	Model Name	Antenna Type	Connector	Gain (dBi)	
	WLAN 2.4GHz	WLAN 5GHz					WLAN 2.4GHz	WLAN 5GHz
1	2	1	tp-link	-	PIFA	N/A	2	2
2	1	2	tp-link	-	PIFA	N/A	2	2

Note: The above information was declared by manufacturer.

For 2.4GHz function:

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

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

Port 1 and Port 2 could transmit/receive simultaneously.

For 5GHz function:

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

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

Port 1 and Port 2 could transmit/receive simultaneously.

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	0.989	0.05	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g	0.898	0.47	1.45m	1k
802.11n HT20	0.93	0.32	1.354m	1k
802.11n HT40	0.806	0.94	961.538u	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
Function	☒	Point-to-multipoint	☐	Point-to-point
Test Software Version	1.0.0 Build 20200114 Rel. 39556			

Note: The above information was declared by manufacturer.

1.1.5 Table for EUT support function

Function
AP (Master) Mode
Extender (Client with radar detection) Mode

Note:

The EUT supports AP and Extender mode, Extender mode only for AC power-line conducted emissions and Emissions in Restricted Frequency Bands below 1GHz were 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
- 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, Lane 724, Bo-ai St., Jhubei City, HsinChu County 302, Taiwan, R.O.C.
		TEL :	886-3-656-9065 FAX : 886-3-656-9085

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH03-CB	Justin Lin	20.9~23°C / 46~48%	Mar. 16, 2020~ Mar. 17, 2020
Radiated (Below 1GHz test)	03CH05-CB	Eason Chen	24~25.3°C / 53~55%	Apr. 10, 2020
Radiated (Above 1GHz test)	03CH01-CB	Justin Lin	21.3~22°C / 46~47%	Mar. 13, 2020~ Mar. 16, 2020 / May 05, 2020
AC Conduction	CO02-CB	Peter Wu	22~23°C / 61~62%	Apr. 13, 2020

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

1.4 Measurement Uncertainty

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2)

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	2.0 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	5.1 dB	Confidence levels of 95%
Conducted Emission	2.4 dB	Confidence levels of 95%
Output Power Measurement	1.5 dB	Confidence levels of 95%
Power Density Measurement	2.4 dB	Confidence levels of 95%
Bandwidth Measurement	2%	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	40
2417MHz	42
2422MHz	44
2437MHz	44
2447MHz	44
2452MHz	42
2457MHz	40
2462MHz	39
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	32
2417MHz	38
2422MHz	44
2437MHz	44
2452MHz	44
2457MHz	38
2462MHz	32
802.11n HT20_Nss1,(MCS0)_2TX	-
2412MHz	30
2417MHz	38
2422MHz	44
2437MHz	44
2452MHz	44
2457MHz	36
2462MHz	28
802.11n HT40_Nss1,(MCS0)_2TX	-
2422MHz	23
2427MHz	27
2432MHz	30
2437MHz	34
2442MHz	30
2447MHz	27
2452MHz	23

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	Normal Link - Extender Mode

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emissions in Restricted Frequency Bands
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	Normal Link
1	Normal Link - Extender Mode - EUT in Y axis
2	Normal Link - Extender Mode - EUT in Z axis
For operating mode 1 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
The EUT was performed at Y axis and Z axis position, and the worst case was found at Z axis. So the measurement will follow this same test configuration.	
1	EUT in Z axis

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz+WLAN 5GHz
Refer to Sporton Test Report No.: FA030222 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
D	AC750 Wi-Fi Range Extender (Device)	tp-link	RE230	TE7RE230

For Radiated (below 1GHz):

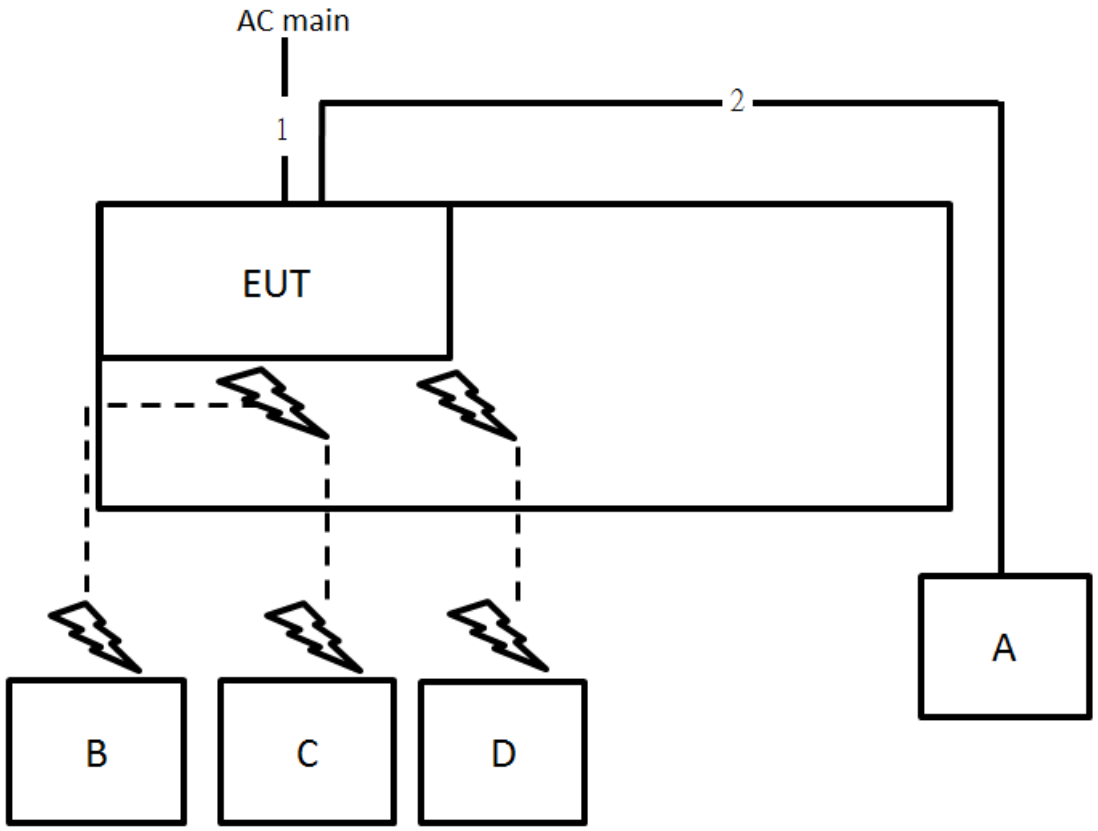
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	LAN NB	DELL	E4300	N/A
B	2.4G NB	DELL	E4300	N/A
C	5G NB	DELL	E4300	N/A
D	AC750 Wi-Fi Range Extender (Device)	tp-link	RE230	TE7RE230

For Radiated (above 1GHz) and RF Conducted:

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

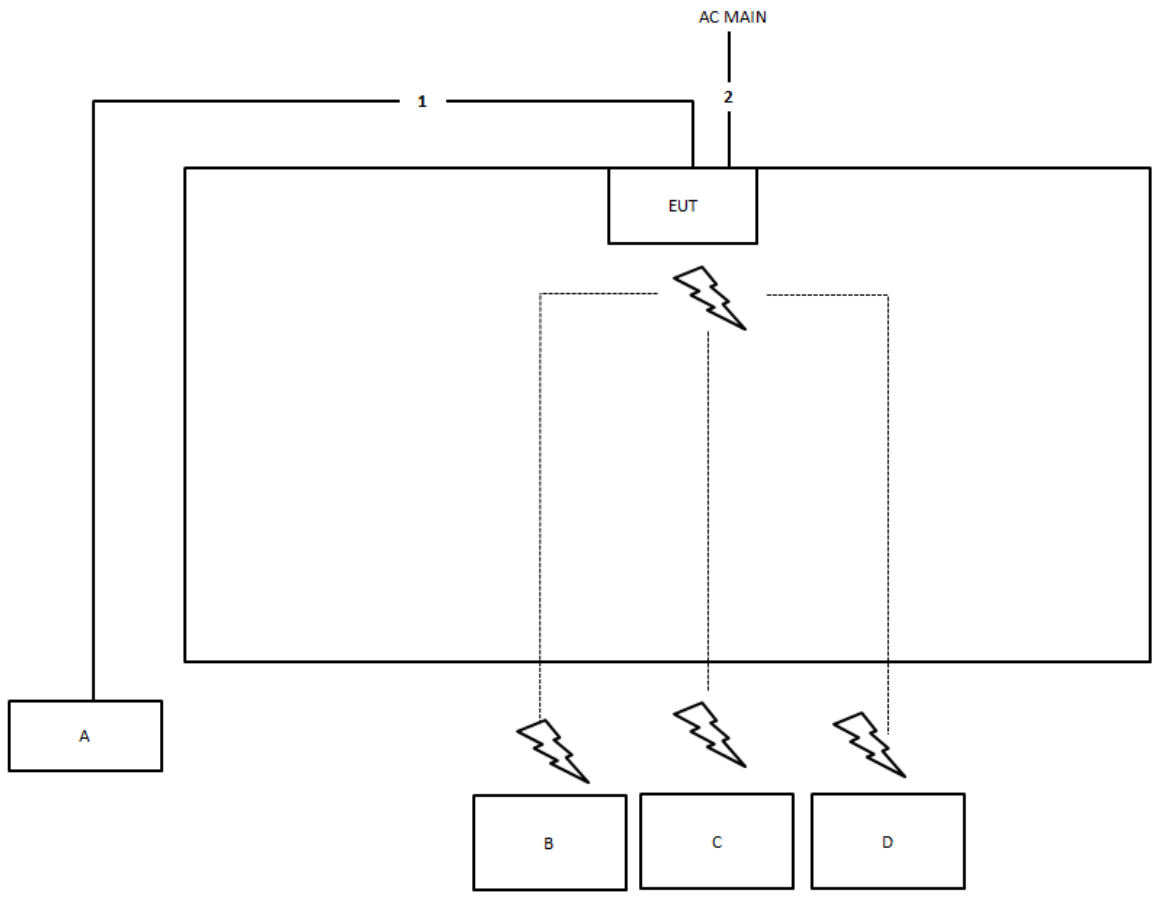
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



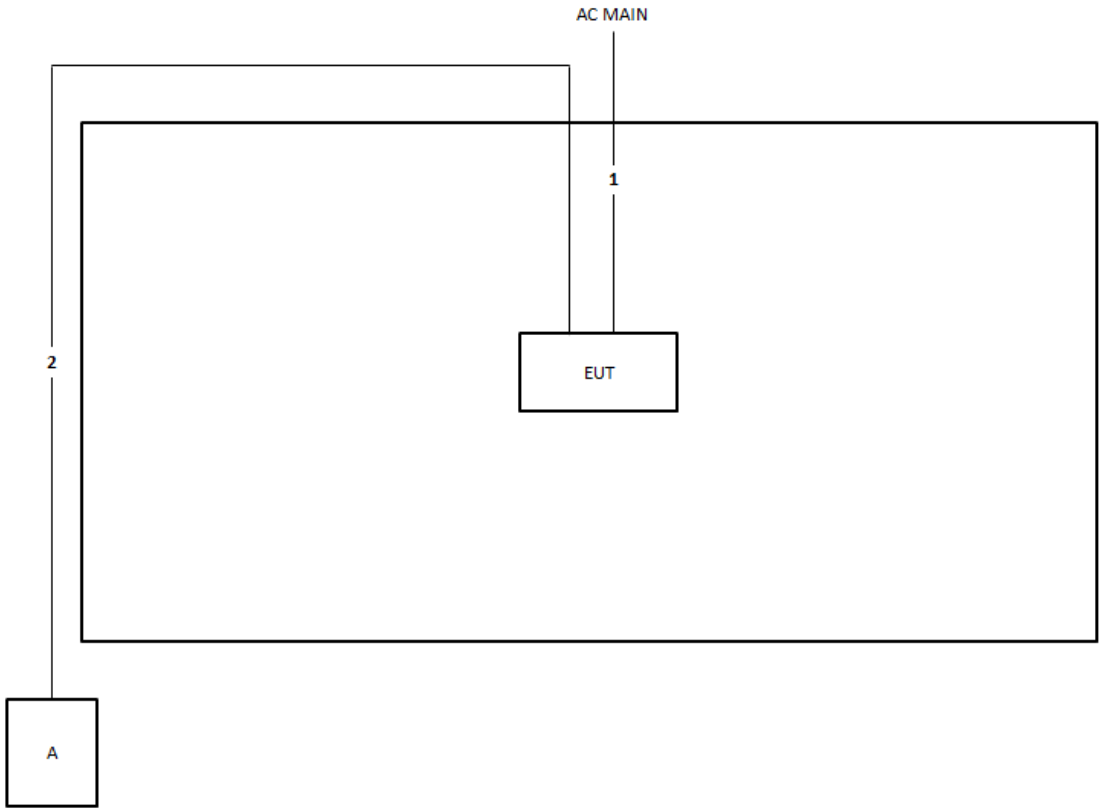
Item	Connection	Shielded	Length
1	Power cable	No	0.8m
2	RJ-45 cable	No	10m

Test Setup Diagram - Radiated Test < 1GHz



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

Test Setup Diagram - Radiated Test > 1GHz



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

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

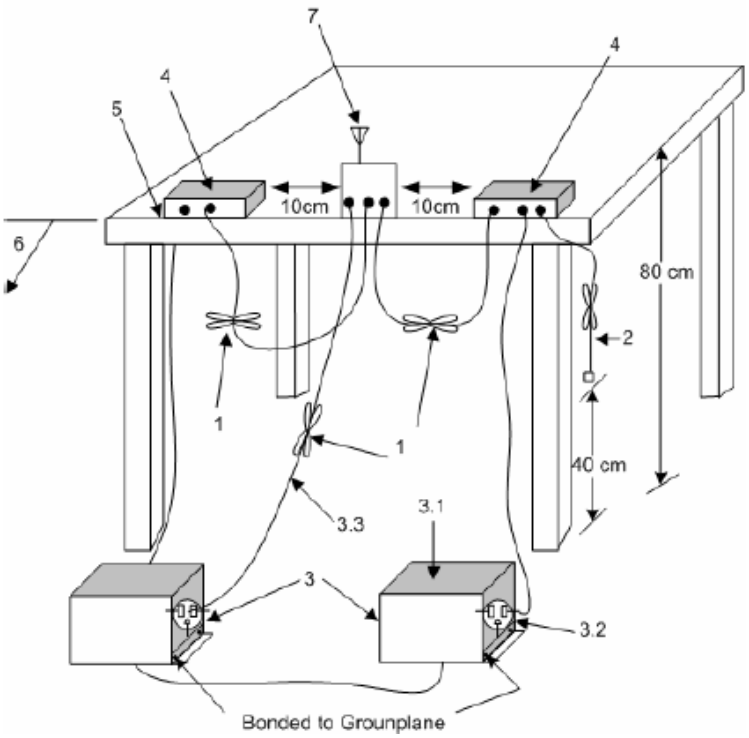
Refer a test equipment and calibration data table in this test report.

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 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.

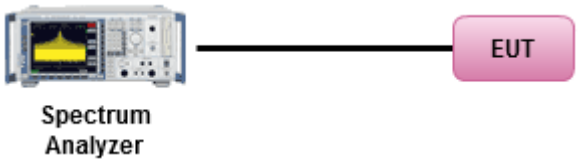
3.2.2 Measuring Instruments

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.		

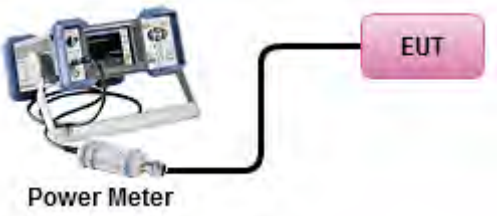
3.3.2 Measuring Instruments

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

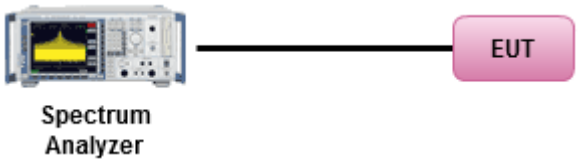
3.4.2 Measuring Instruments

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


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.	

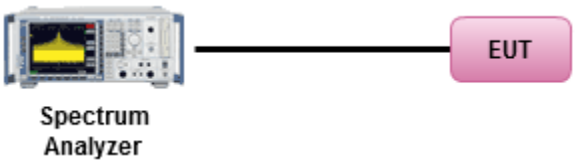
3.5.2 Measuring Instruments

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.

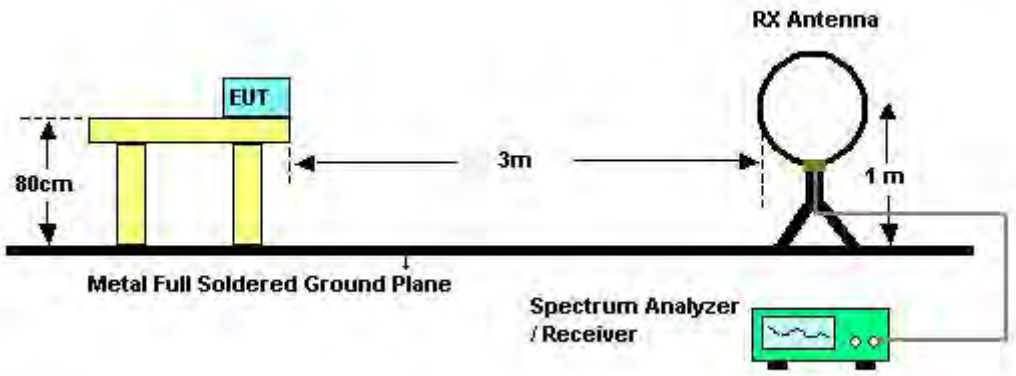
3.6.3 Test Procedures

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.	

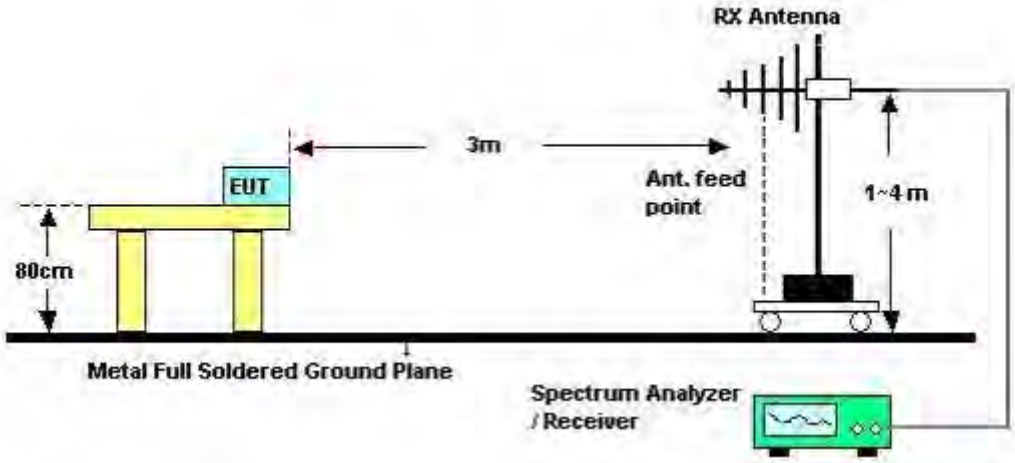
3.6.4 Test Setup

Radiated - Emissions in Restricted Frequency Bands

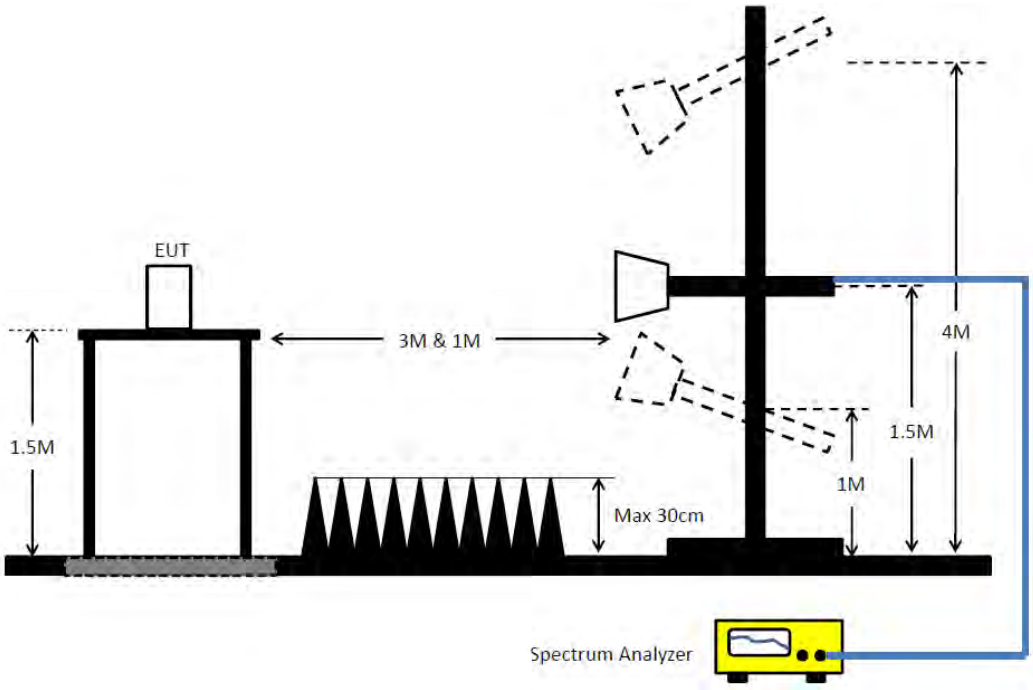
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



3.6.5 Measurement Results Calculation

The measured Level is calculated using:
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = 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 10 harmonic or 40 GHz, whichever is appropriate.

3.6.7 Test Result of Emissions in Restricted Frequency Bands

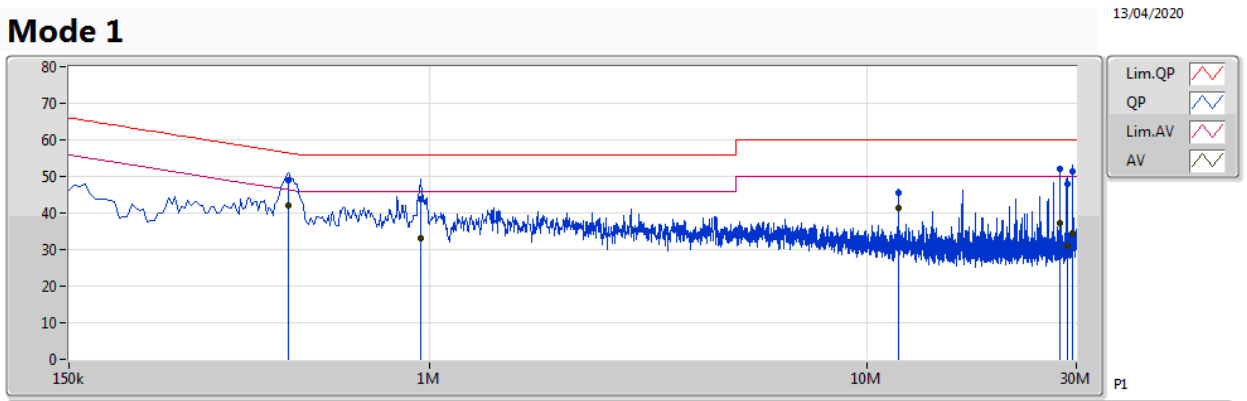
Refer as Appendix F

4 Test Equipment and Calibration Data

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
LISN	Schwarzbeck	NSLK 8127	8127650	9kHz ~ 30MHz	Nov. 21, 2019	Nov. 20, 2020	Conduction (CO02-CB)
LISN	Schwarzbeck	NSLK 8127	8127478	9kHz ~ 30MHz	Oct. 30, 2019	Oct. 29, 2020	Conduction (CO02-CB)
EMI Receiver	Agilent	N9038A	MY52260140	9kHz ~ 8.4GHz	Mar. 10, 2020	Mar. 09, 2021	Conduction (CO02-CB)
COND Cable	Woken	Cable	2	0.15MHz ~ 30MHz	Oct. 21, 2019	Oct. 20, 2020	Conduction (CO02-CB)
Software	Audix	E3	6.120210n	-	N.C.R.	N.C.R.	Conduction (CO02-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)
Pre-Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	May 01, 2019	Apr. 30, 2020	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Aug. 15, 2019	Aug. 14, 2020	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	May 15, 2019	May 14, 2020	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	LOW Cable-04+23	30MHz~1GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH05-CB)
Loop Antenna	Teseq	HLA 6120	31244	9kHz - 30 MHz	Mar. 16, 2020	Mar. 15, 2021	Radiation (03CH05-CB)
Horn Antenna	ETS-LINDGREN	3115	00075790	750MHz ~ 18GHz	Nov. 04, 2019	Nov. 03, 2020	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jun. 27, 2019	Jun. 26, 2020	Radiation (03CH01-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 03, 2019	Jul. 02, 2020	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 19, 2019	Jun. 18, 2020	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH01-CB)
Spectrum analyzer	R&S	FSV40	101028	9kHz~40GHz	Nov. 01, 2019	Oct. 31, 2020	Conducted (TH03-CB)
Power Sensor	Anritsu	MA2411B	1726195	300MHz~40GHz	Aug. 13, 2019	Aug. 12, 2020	Conducted (TH03-CB)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Power Meter	Anritsu	ML2495A	1035008	300MHz~40GHz	Aug. 13, 2019	Aug. 12, 2020	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-11	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-12	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-13	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH03-CB)

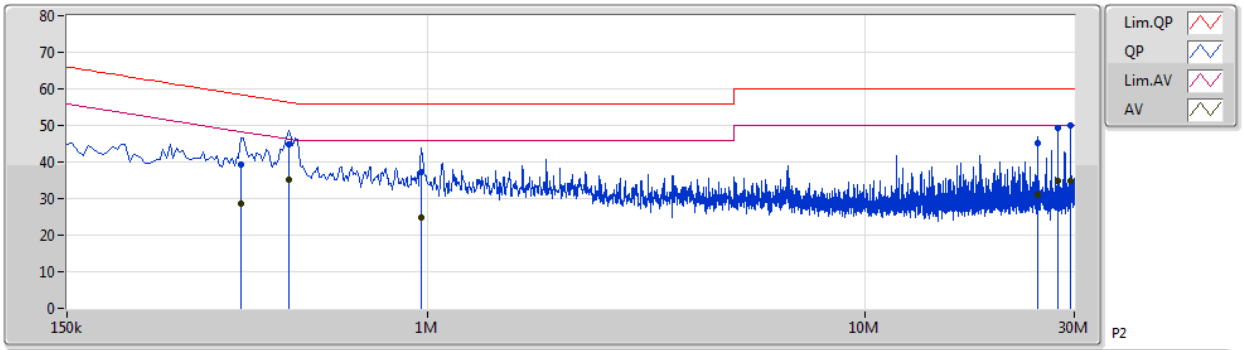
Note: Calibration Interval of instruments listed above is one year.
NCR means Non-Calibration required.



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	AF	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	474k	48.89	56.44	-7.55	10.24	Line	-	38.65	0.05	0.09	10.10
AV	474k	42.10	46.44	-4.34	10.24	Line	"Worst"	31.86	0.05	0.09	10.10
QP	951k	43.79	56.00	-12.21	10.28	Line	-	33.51	0.06	0.12	10.10
AV	951k	33.25	46.00	-12.75	10.28	Line	-	22.97	0.06	0.12	10.10
QP	11.76M	45.62	60.00	-14.38	10.56	Line	-	35.06	0.27	0.18	10.11
AV	11.76M	41.21	50.00	-8.79	10.56	Line	-	30.65	0.27	0.18	10.11
QP	27.591M	51.94	60.00	-8.06	10.95	Line	-	40.99	0.58	0.24	10.13
AV	27.591M	37.17	50.00	-12.83	10.95	Line	-	26.22	0.58	0.24	10.13
QP	28.545M	47.90	60.00	-12.10	10.97	Line	-	36.93	0.60	0.24	10.13
AV	28.545M	31.16	50.00	-18.84	10.97	Line	-	20.19	0.60	0.24	10.13
QP	29.495M	51.22	60.00	-8.78	10.99	Line	-	40.23	0.62	0.24	10.13
AV	29.495M	34.50	50.00	-15.50	10.99	Line	-	23.51	0.62	0.24	10.13

Mode 1

13/04/2020



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	AF	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	375k	39.43	58.39	-18.96	10.23	Neutral	-	29.20	0.05	0.08	10.10
AV	375k	28.54	48.39	-19.85	10.23	Neutral	-	18.31	0.05	0.08	10.10
QP	483k	44.81	56.29	-11.48	10.24	Neutral	-	34.57	0.05	0.09	10.10
AV	483k	35.26	46.29	-11.03	10.24	Neutral	-	25.02	0.05	0.09	10.10
QP	964.5k	37.11	56.00	-18.89	10.28	Neutral	-	26.83	0.06	0.12	10.10
AV	964.5k	24.77	46.00	-21.23	10.28	Neutral	-	14.49	0.06	0.12	10.10
QP	24.734M	45.29	60.00	-14.71	10.67	Neutral	-	34.62	0.32	0.23	10.12
AV	24.734M	31.12	50.00	-18.88	10.67	Neutral	-	20.45	0.32	0.23	10.12
QP	27.591M	49.27	60.00	-10.73	10.72	Neutral	-	38.55	0.35	0.24	10.13
AV	27.591M	34.69	50.00	-15.31	10.72	Neutral	-	23.97	0.35	0.24	10.13
QP	29.49M	49.85	60.00	-10.15	10.74	Neutral	"Worst"	39.11	0.37	0.24	10.13
AV	29.49M	34.88	50.00	-15.12	10.74	Neutral	-	24.14	0.37	0.24	10.13

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	20.49M	20M5G1D	10.025M	14.843M
802.11g_Nss1,(6Mbps)_2TX	15.1M	20.665M	20M7D1D	14.95M	16.417M
802.11n HT20_Nss1,(MCS0)_2TX	15.675M	22.339M	22M3D1D	14.925M	17.541M
802.11n HT40_Nss1,(MCS0)_2TX	35.05M	36.682M	36M7D1D	32.6M	35.882M

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

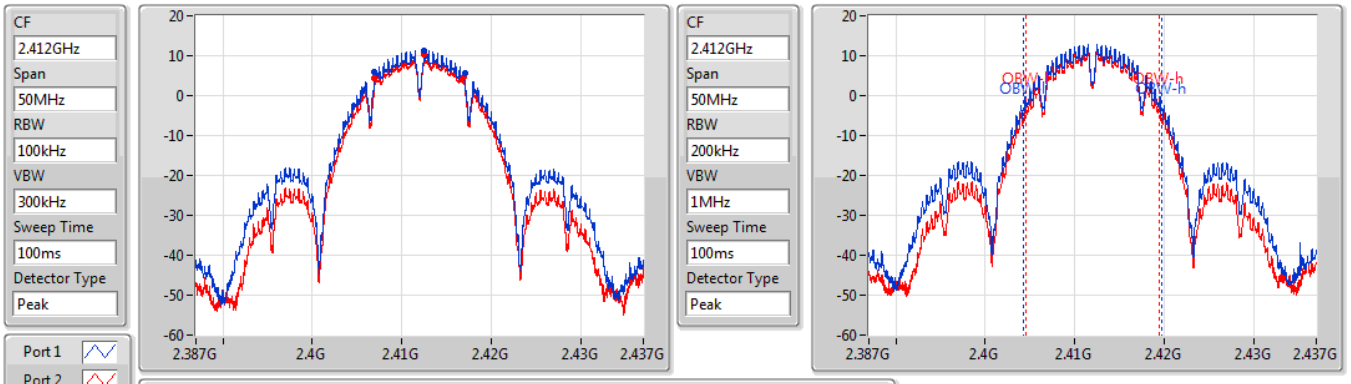
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	10.05M	15.342M	10.025M	14.943M
2437MHz	Pass	500k	10.1M	20.49M	10.1M	16.692M
2462MHz	Pass	500k	10.05M	15.292M	10.05M	14.843M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	15.05M	16.692M	15.075M	16.442M
2437MHz	Pass	500k	15.1M	20.04M	15.1M	20.665M
2462MHz	Pass	500k	15.075M	16.742M	14.95M	16.417M
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	15.075M	17.591M	15M	17.541M
2437MHz	Pass	500k	15.05M	20.84M	15.05M	22.339M
2462MHz	Pass	500k	14.925M	17.566M	15.675M	17.541M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	35.05M	35.982M	35M	35.882M
2437MHz	Pass	500k	35M	36.682M	32.6M	36.182M
2452MHz	Pass	500k	35M	35.982M	35M	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

17/03/2020

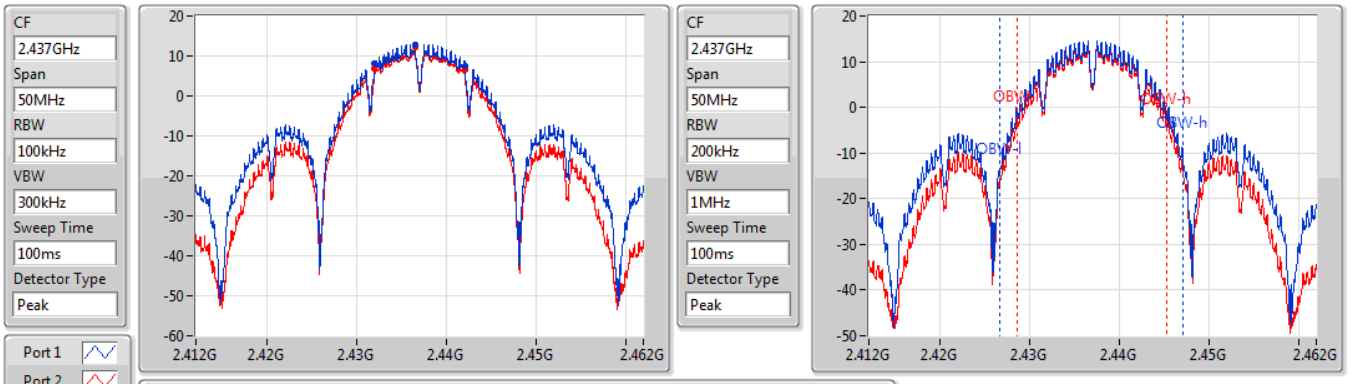


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10.05M	2.406975G	2.417025G	15.342M	2.404329G	2.419671G	500k	1
10.025M	2.406975G	2.417G	14.943M	2.404529G	2.419471G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2437MHz

17/03/2020

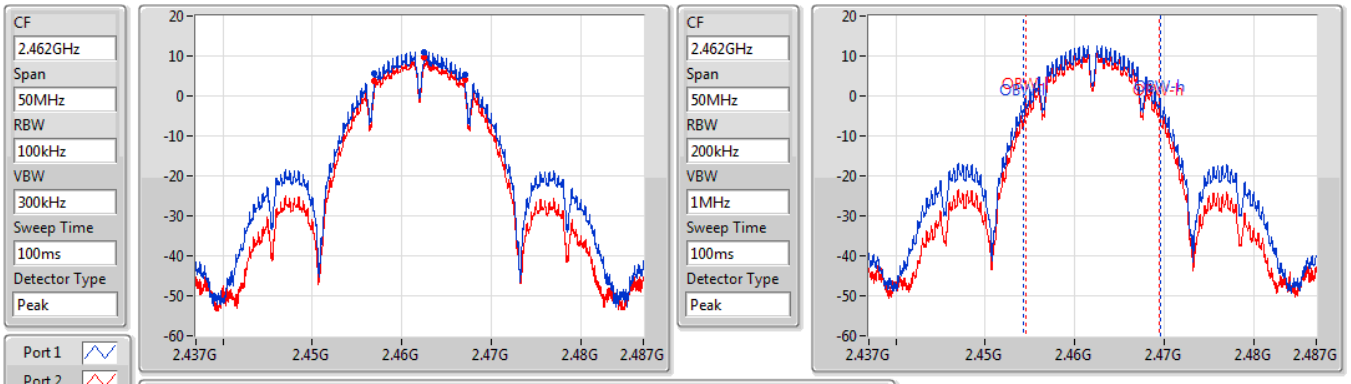


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10.1M	2.43195G	2.44205G	20.49M	2.426555G	2.447045G	500k	1
10.1M	2.43195G	2.44205G	16.692M	2.428579G	2.445271G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2462MHz

17/03/2020

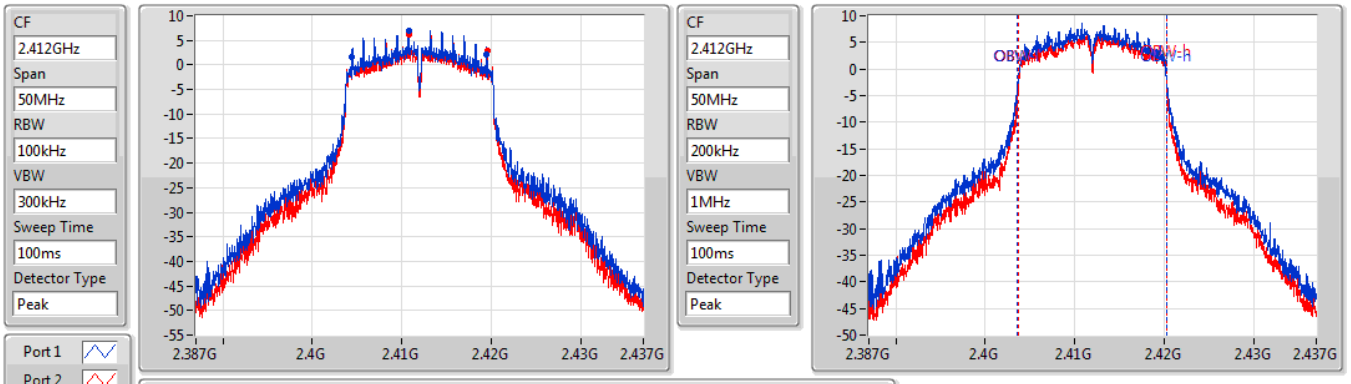


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10.05M	2.456975G	2.467025G	15.292M	2.454329G	2.469621G	500k	1
10.05M	2.456975G	2.467025G	14.843M	2.454554G	2.469396G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2412MHz

17/03/2020

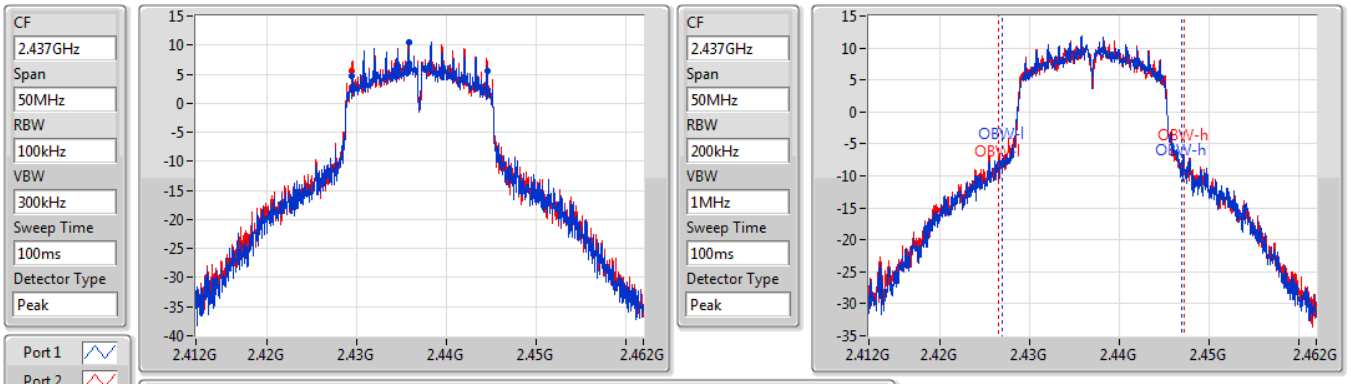


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.05M	2.40445G	2.4195G	16.692M	2.403629G	2.420321G	500k	1
15.075M	2.40445G	2.419525G	16.442M	2.403779G	2.420221G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2437MHz

17/03/2020

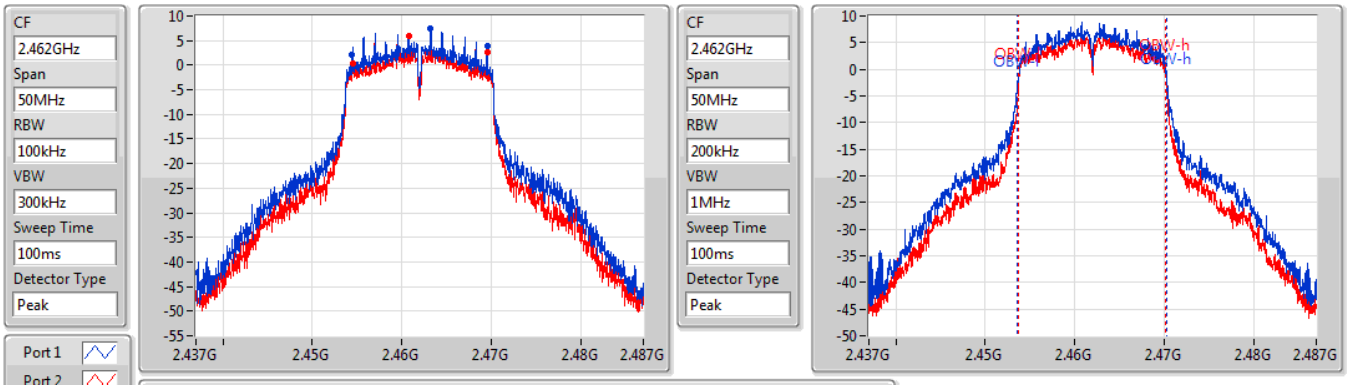


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.1M	2.42945G	2.44455G	20.04M	2.426855G	2.446895G	500k	1
15.1M	2.42945G	2.44455G	20.665M	2.426505G	2.44717G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2462MHz

17/03/2020

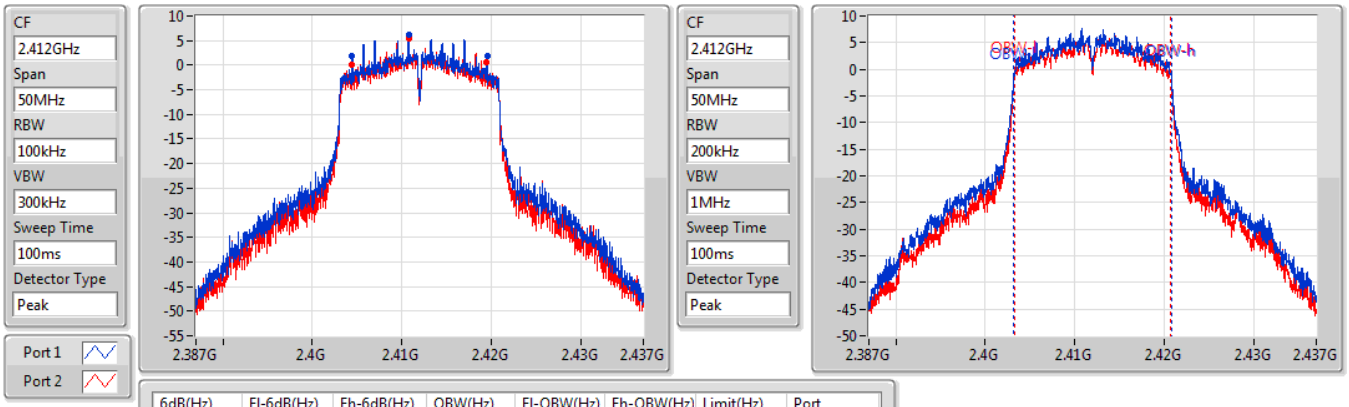


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.075M	2.45445G	2.469525G	16.742M	2.453604G	2.470346G	500k	1
14.95M	2.454575G	2.469525G	16.417M	2.453779G	2.470196G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

2412MHz

17/03/2020

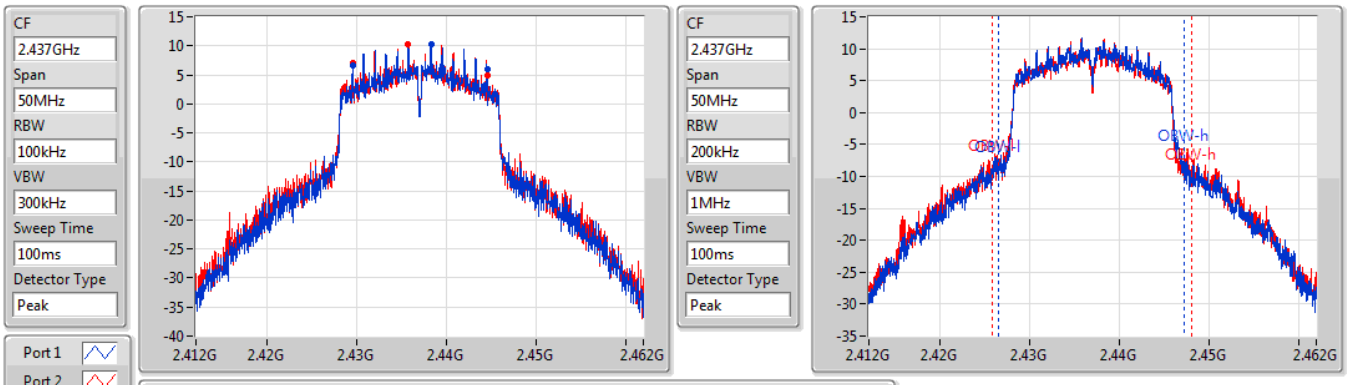


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.075M	2.404475G	2.41955G	17.591M	2.403204G	2.420796G	500k	1
15M	2.40445G	2.41945G	17.541M	2.403229G	2.420771G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

2437MHz

17/03/2020



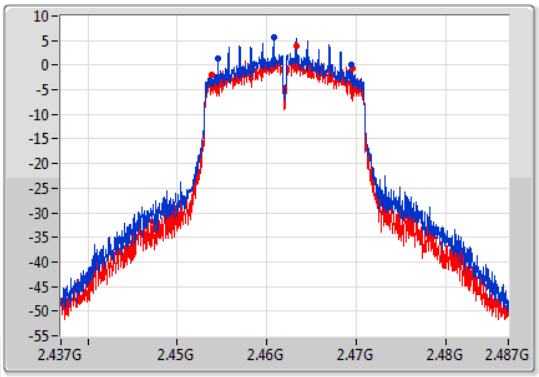
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.05M	2.4295G	2.44455G	20.84M	2.42643G	2.44727G	500k	1
15.05M	2.4295G	2.44455G	22.339M	2.425781G	2.448119G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

2462MHz

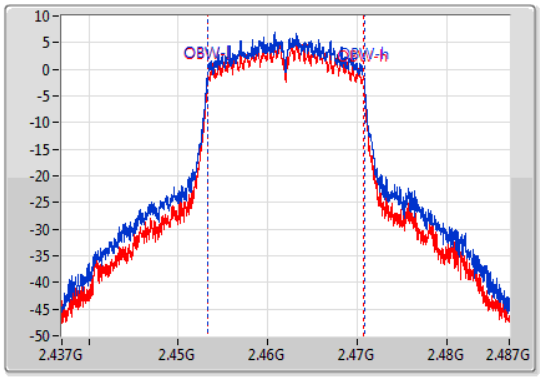
17/03/2020

CF 2.462GHz
Span 50MHz
RBW 100kHz
VBW 300kHz
Sweep Time 100ms
Detector Type Peak



Port 1
Port 2

CF 2.462GHz
Span 50MHz
RBW 200kHz
VBW 1MHz
Sweep Time 100ms
Detector Type Peak



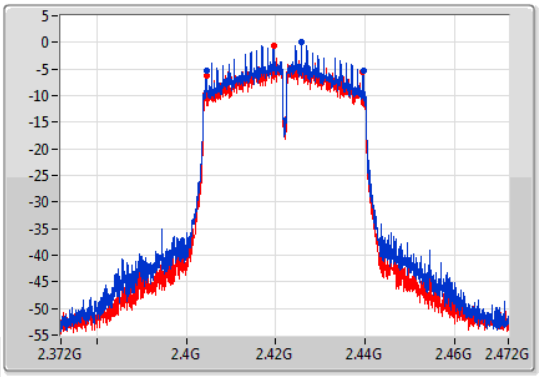
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.925M	2.454525G	2.46945G	17.566M	2.453229G	2.470796G	500k	1
15.675M	2.453875G	2.46955G	17.541M	2.453229G	2.470771G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

2422MHz

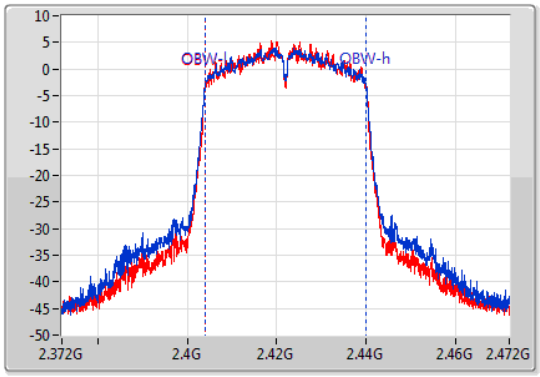
17/03/2020

CF 2.422GHz
Span 100MHz
RBW 100kHz
VBW 300kHz
Sweep Time 100ms
Detector Type Peak



Port 1
Port 2

CF 2.422GHz
Span 100MHz
RBW 500kHz
VBW 2MHz
Sweep Time 100ms
Detector Type Peak



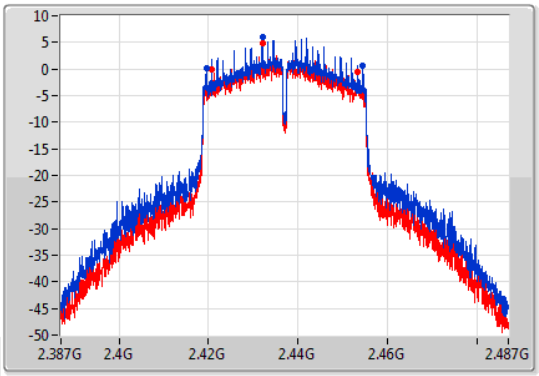
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.05M	2.4045G	2.43955G	35.982M	2.404009G	2.439991G	500k	1
35M	2.4045G	2.4395G	35.882M	2.404059G	2.439941G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

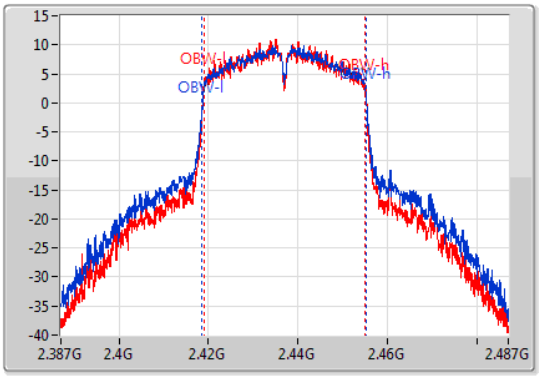
2437MHz

17/03/2020

CF	2.437GHz
Span	100MHz
RBW	100kHz
VBW	300kHz
Sweep Time	100ms
Detector Type	Peak



CF	2.437GHz
Span	100MHz
RBW	500kHz
VBW	2MHz
Sweep Time	100ms
Detector Type	Peak



Port 1
Port 2

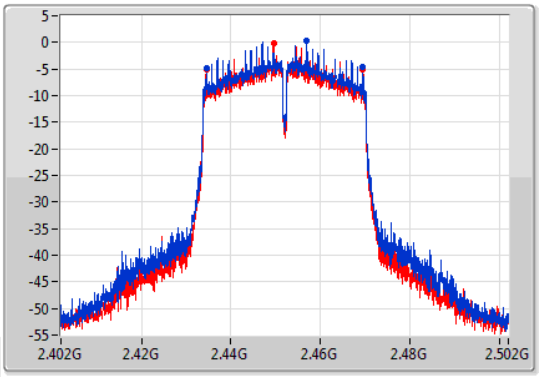
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35M	2.4195G	2.4545G	36.682M	2.418609G	2.455291G	500k	1
32.6M	2.4207G	2.4533G	36.182M	2.418909G	2.455091G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

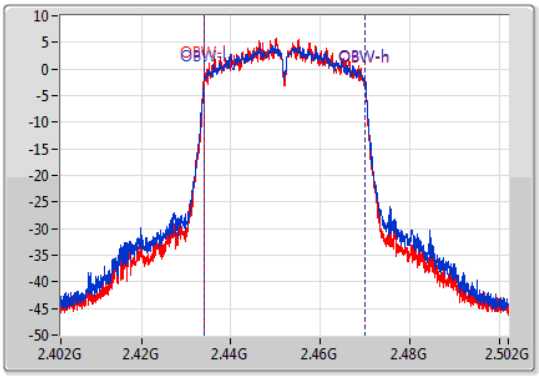
2452MHz

17/03/2020

CF	2.452GHz
Span	100MHz
RBW	100kHz
VBW	300kHz
Sweep Time	100ms
Detector Type	Peak



CF	2.452GHz
Span	100MHz
RBW	500kHz
VBW	2MHz
Sweep Time	100ms
Detector Type	Peak



Port 1
Port 2

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35M	2.4345G	2.4695G	35.982M	2.434009G	2.469991G	500k	1
35M	2.4345G	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	26.18	0.41495
802.11g_Nss1,(6Mbps)_2TX	23.43	0.22029
802.11n HT20_Nss1,(MCS0)_2TX	23.31	0.21429
802.11n HT40_Nss1,(MCS0)_2TX	20.98	0.12531

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.00	20.71	20.51	23.62	30.00
2417MHz	Pass	2.00	22.10	21.30	24.73	30.00
2422MHz	Pass	2.00	23.19	22.18	25.72	30.00
2437MHz	Pass	2.00	23.55	22.75	26.18	30.00
2447MHz	Pass	2.00	23.36	22.53	25.98	30.00
2452MHz	Pass	2.00	22.66	21.71	25.22	30.00
2457MHz	Pass	2.00	21.68	20.67	24.21	30.00
2462MHz	Pass	2.00	21.22	19.83	23.59	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.00	17.49	16.57	20.06	30.00
2417MHz	Pass	2.00	20.06	19.23	22.68	30.00
2422MHz	Pass	2.00	20.35	20.28	23.33	30.00
2437MHz	Pass	2.00	20.41	20.42	23.43	30.00
2452MHz	Pass	2.00	20.28	20.40	23.35	30.00
2457MHz	Pass	2.00	20.40	19.35	22.92	30.00
2462MHz	Pass	2.00	17.81	16.39	20.17	30.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.00	16.54	15.66	19.13	30.00
2417MHz	Pass	2.00	19.86	19.18	22.54	30.00
2422MHz	Pass	2.00	20.18	20.25	23.23	30.00
2437MHz	Pass	2.00	20.24	20.35	23.31	30.00
2452MHz	Pass	2.00	20.25	20.22	23.25	30.00
2457MHz	Pass	2.00	19.47	18.64	22.09	30.00
2462MHz	Pass	2.00	15.75	14.52	18.19	30.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	2.00	12.76	11.68	15.26	30.00
2427MHz	Pass	2.00	14.61	13.67	17.18	30.00
2432MHz	Pass	2.00	15.97	15.21	18.62	30.00
2437MHz	Pass	2.00	18.45	17.42	20.98	30.00
2442MHz	Pass	2.00	16.38	15.71	19.07	30.00
2447MHz	Pass	2.00	15.12	14.28	17.73	30.00
2452MHz	Pass	2.00	13.23	12.21	15.76	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	-7.11
802.11g_Nss1,(6Mbps)_2TX	-10.82
802.11n HT20_Nss1,(MCS0)_2TX	-11.33
802.11n HT40_Nss1,(MCS0)_2TX	-16.27

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

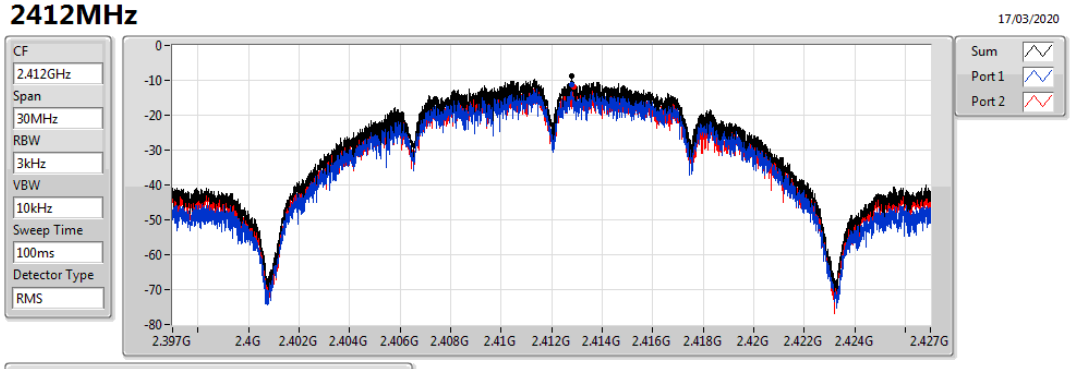
Result

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	5.01	-11.39	-11.86	-8.81	8.00
2437MHz	Pass	5.01	-9.80	-9.77	-7.11	8.00
2462MHz	Pass	5.01	-11.17	-12.33	-9.09	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.01	-16.00	-16.05	-13.70	8.00
2437MHz	Pass	5.01	-13.27	-12.48	-10.82	8.00
2462MHz	Pass	5.01	-14.72	-17.10	-13.55	8.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.01	-17.63	-17.22	-15.27	8.00
2437MHz	Pass	5.01	-13.11	-12.87	-11.33	8.00
2462MHz	Pass	5.01	-17.87	-18.96	-16.51	8.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	5.01	-24.47	-24.65	-22.64	8.00
2437MHz	Pass	5.01	-18.36	-19.05	-16.27	8.00
2452MHz	Pass	5.01	-23.30	-24.68	-21.67	8.00

DG = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11b_Nss1,(1Mbps)_2TX PSD

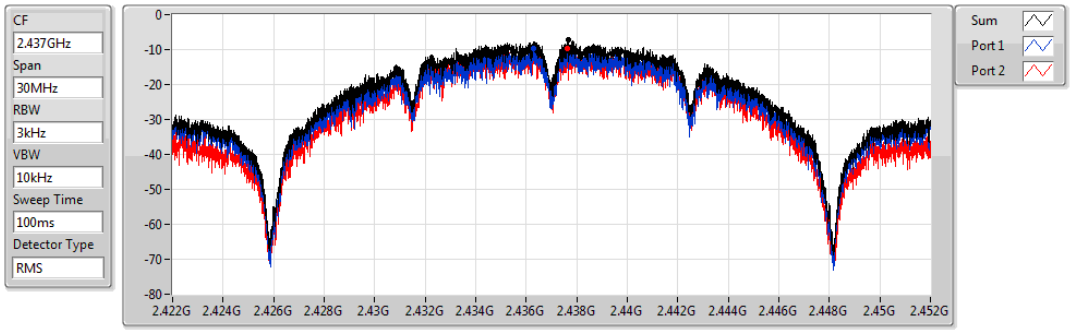
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.81	-8.81	-11.39	-11.86

802.11b_Nss1,(1Mbps)_2TX PSD

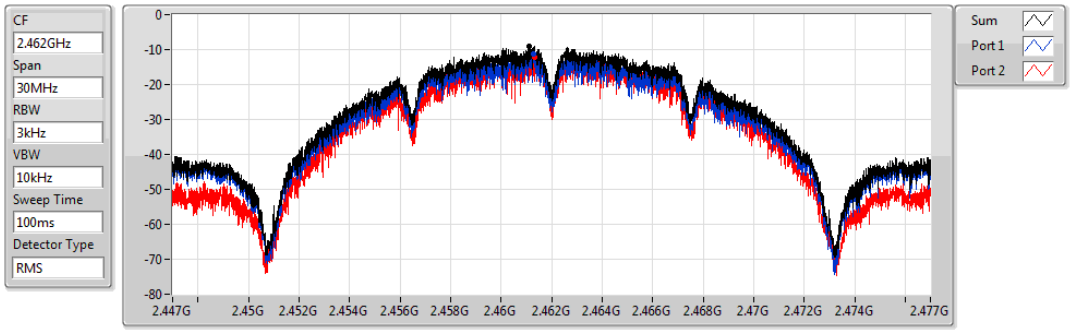
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.11	-7.11	-9.80	-9.77

802.11b_Nss1,(1Mbps)_2TX PSD

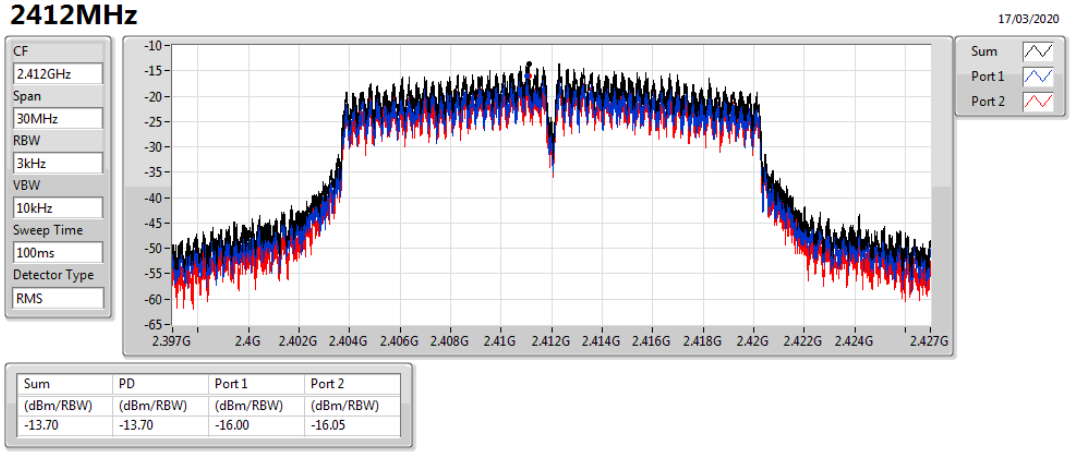
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.09	-9.09	-11.17	-12.33

802.11g_Nss1,(6Mbps)_2TX PSD

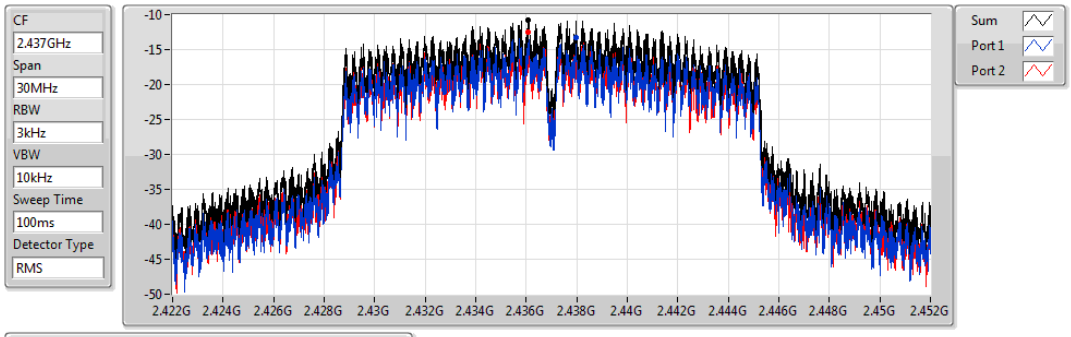
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-13.70	-13.70	-16.00	-16.05

802.11g_Nss1,(6Mbps)_2TX PSD

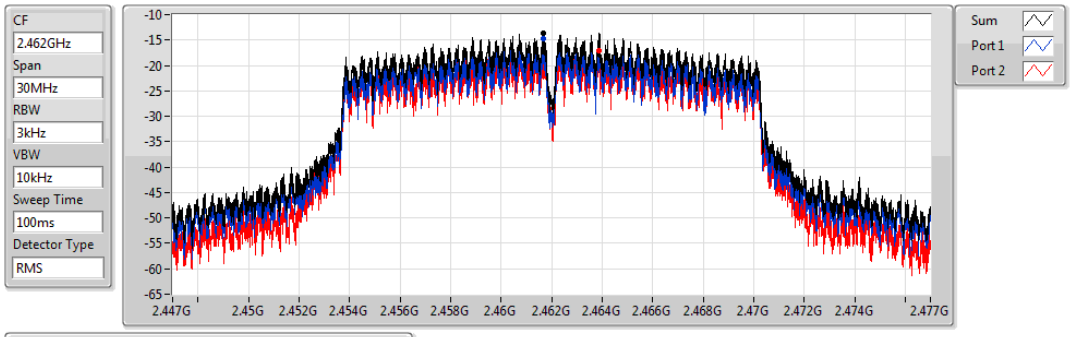
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.82	-10.82	-13.27	-12.48

802.11g_Nss1,(6Mbps)_2TX PSD

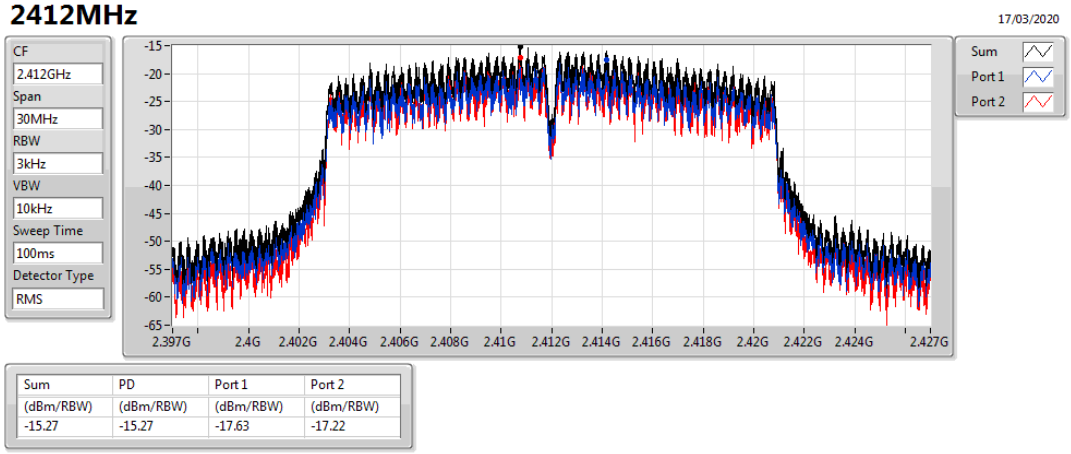
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-13.55	-13.55	-14.72	-17.10

802.11n HT20_Nss1,(MCS0)_2TX PSD

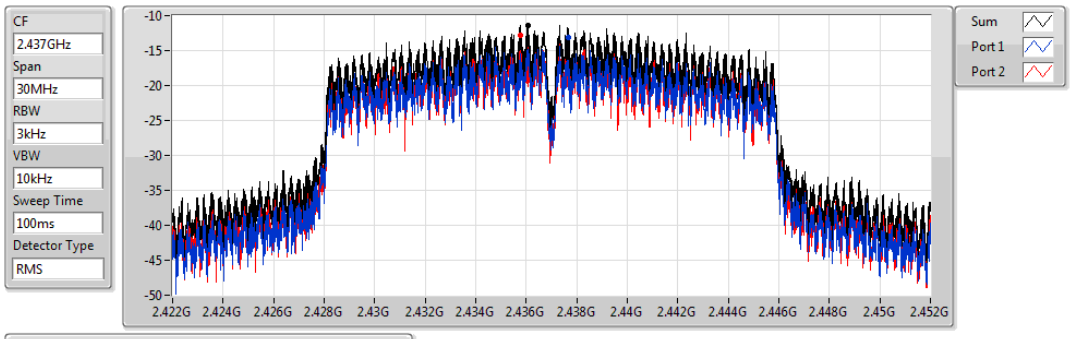
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-15.27	-15.27	-17.63	-17.22

802.11n HT20_Nss1,(MCS0)_2TX PSD

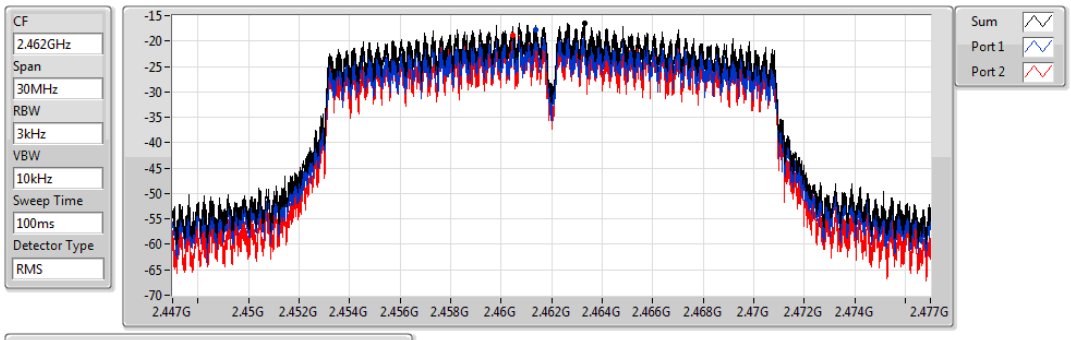
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.33	-11.33	-13.11	-12.87

802.11n HT20_Nss1,(MCS0)_2TX PSD

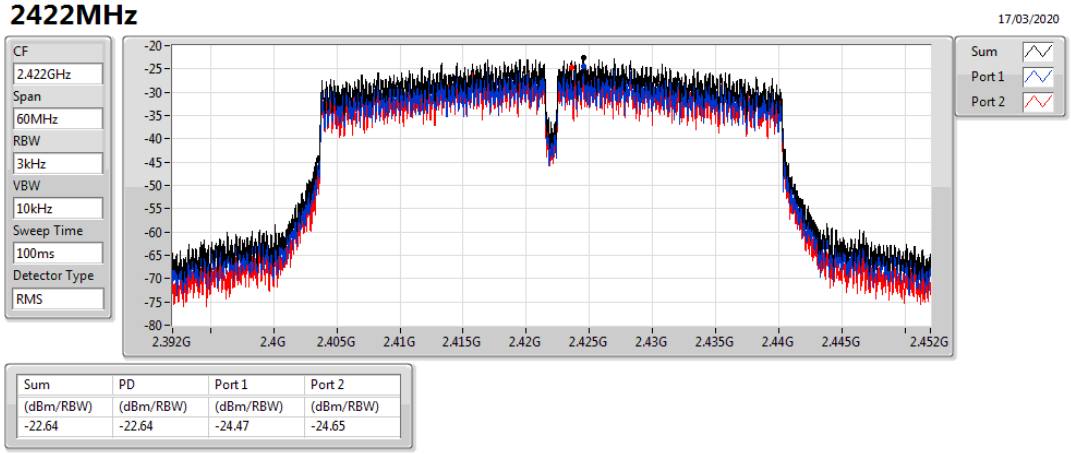
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-16.51	-16.51	-17.87	-18.96

802.11n HT40_Nss1,(MCS0)_2TX PSD

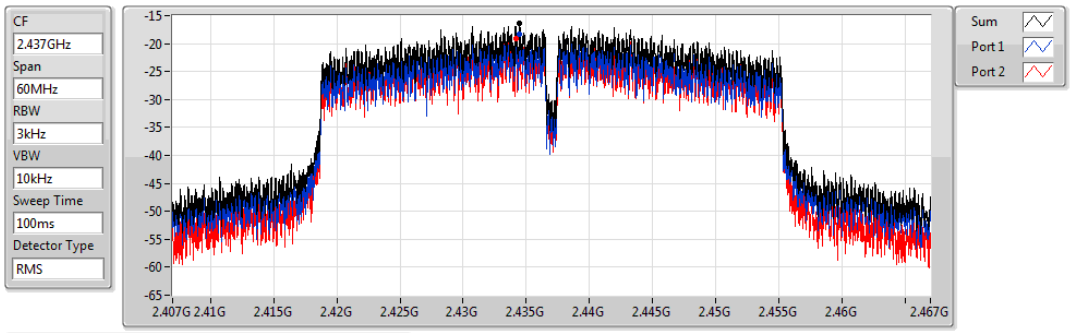
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-22.64	-22.64	-24.47	-24.65

802.11n HT40_Nss1,(MCS0)_2TX PSD

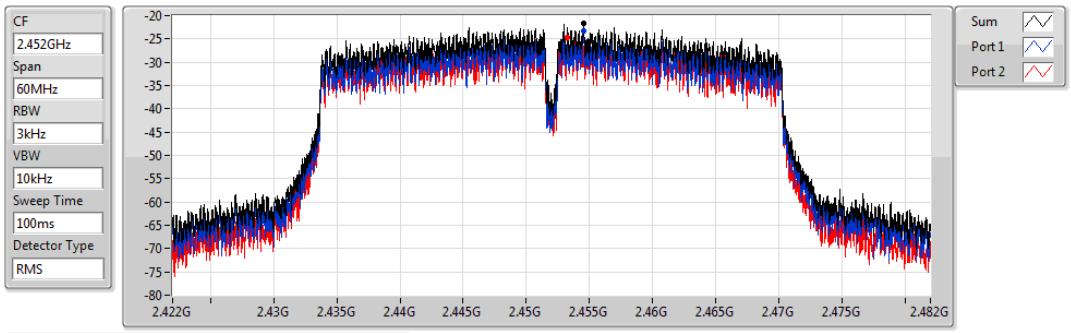
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-16.27	-16.27	-18.36	-19.05

802.11n HT40_Nss1,(MCS0)_2TX PSD

2452MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-21.67	-21.67	-23.30	-24.68

Summary

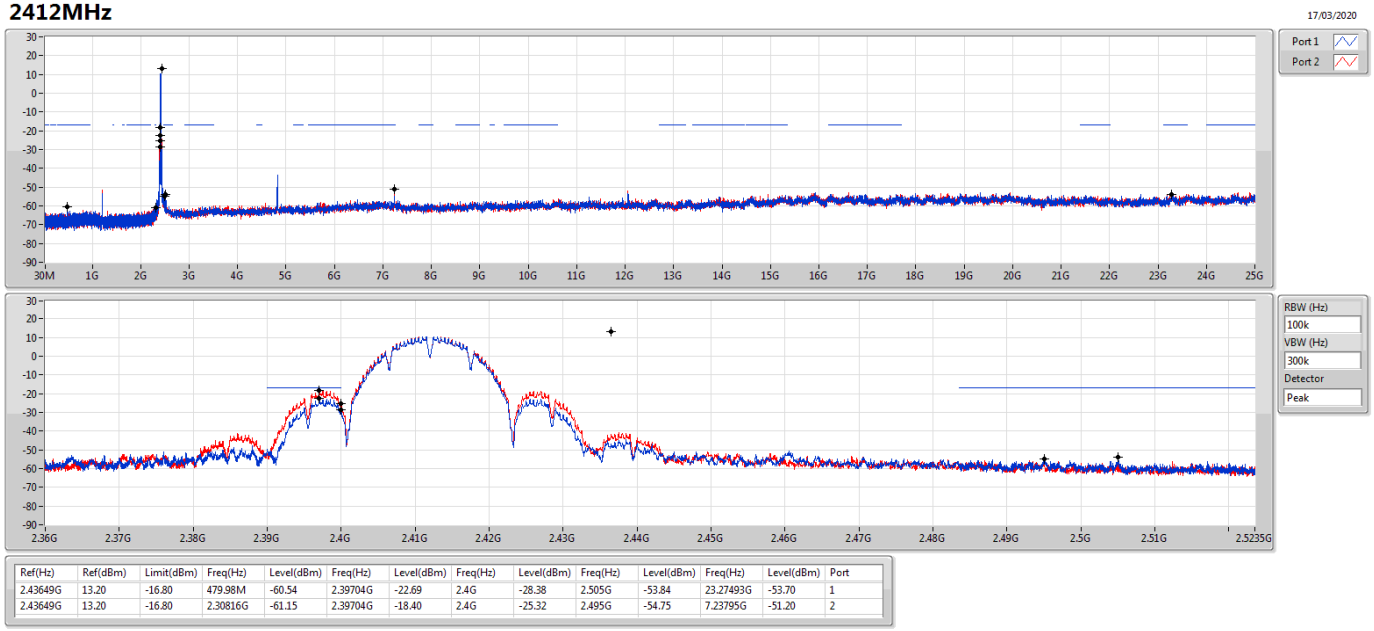
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.43649G	13.20	-16.80	2.30816G	-61.15	2.39704G	-18.40	2.4G	-25.32	2.495G	-54.75	7.23795G	-51.20	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.43574G	10.38	-19.62	479.98M	-55.78	2.39988G	-22.54	2.4G	-24.94	2.48656G	-51.30	17.66704G	-52.30	1
802.11n HT20_Nss1,(MCS0)_2TX	Pass	2.43824G	10.18	-19.82	479.98M	-58.03	2.39986G	-23.72	2.4G	-26.46	2.48448G	-50.38	17.65299G	-53.11	2
802.11n HT40_Nss1,(MCS0)_2TX	Pass	2.44075G	5.34	-24.66	479.99M	-56.68	2.39952G	-26.39	2.4G	-33.67	2.48358G	-40.34	24.9972G	-53.06	2

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43649G	13.20	-16.80	479.98M	-60.54	2.39704G	-22.69	2.4G	-28.38	2.505G	-53.84	23.27493G	-53.70	1
2412MHz	Pass	2.43649G	13.20	-16.80	2.30816G	-61.15	2.39704G	-18.40	2.4G	-25.32	2.495G	-54.75	7.23795G	-51.20	2
2417MHz															
2437MHz	Pass	2.43649G	13.20	-16.80	479.98M	-61.29	2.4G	-40.83	2.4G	-40.83	2.48552G	-44.36	24.93819G	-53.52	1
2437MHz	Pass	2.43649G	13.20	-16.80	742.69M	-62.51	2.39952G	-45.34	2.4G	-45.34	2.486G	-45.55	21.47681G	-53.16	2
2457MHz															
2462MHz	Pass	2.43649G	13.20	-16.80	479.98M	-59.08	2.39748G	-55.67	2.4835G	-51.60	2.48602G	-46.02	16.28755G	-52.79	1
2462MHz	Pass	2.43649G	13.20	-16.80	882.78M	-60.56	2.39898G	-54.11	2.4835G	-46.45	2.488G	-41.35	23.26931G	-53.37	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43574G	10.38	-19.62	479.98M	-55.78	2.39988G	-22.54	2.4G	-24.94	2.48656G	-51.30	17.66704G	-52.30	1
2412MHz	Pass	2.43574G	10.38	-19.62	2.30641G	-58.78	2.39984G	-23.06	2.4G	-24.94	2.49828G	-50.23	24.92976G	-52.82	2
2417MHz															
2437MHz	Pass	2.43574G	10.38	-19.62	479.98M	-55.59	2.39942G	-48.77	2.4G	-51.98	2.4848G	-49.84	16.23136G	-51.83	1
2437MHz	Pass	2.43574G	10.38	-19.62	479.98M	-57.25	2.39948G	-48.95	2.4G	-50.17	2.48576G	-50.53	24.57014G	-53.07	2
2457MHz															
2462MHz	Pass	2.43574G	10.38	-19.62	479.98M	-56.64	2.39828G	-49.26	2.4835G	-42.31	2.48352G	-40.96	16.60503G	-53.42	1
2462MHz	Pass	2.43574G	10.38	-19.62	479.98M	-59.15	2.3926G	-51.81	2.4835G	-38.70	2.4835G	-38.70	24.99438G	-53.09	2
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43824G	10.18	-19.82	479.98M	-57.58	2.39952G	-25.23	2.4G	-28.80	2.50074G	-51.58	15.26487G	-51.81	1
2412MHz	Pass	2.43824G	10.18	-19.82	479.98M	-58.03	2.39986G	-23.72	2.4G	-26.46	2.48448G	-50.38	17.65299G	-53.11	2
2417MHz															
2437MHz	Pass	2.43824G	10.18	-19.82	479.98M	-57.67	2.39892G	-46.34	2.4G	-49.46	2.48576G	-46.36	16.47017G	-53.52	1
2437MHz	Pass	2.43824G	10.18	-19.82	479.98M	-59.66	2.39888G	-48.71	2.4G	-51.59	2.48398G	-48.76	21.63414G	-53.13	2
2457MHz															
2462MHz	Pass	2.43824G	10.18	-19.82	479.98M	-57.52	2.39578G	-53.76	2.4835G	-44.89	2.48388G	-42.97	24.60947G	-53.13	1
2462MHz	Pass	2.43824G	10.18	-19.82	479.98M	-58.84	2.397G	-53.85	2.4835G	-40.80	2.48448G	-40.26	17.60523G	-53.55	2
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.44075G	5.34	-24.66	479.99M	-54.52	2.397G	-39.11	2.4G	-41.95	2.48942G	-53.17	24.00158G	-53.30	1
2422MHz	Pass	2.44075G	5.34	-24.66	479.99M	-57.23	2.39928G	-37.38	2.4G	-40.19	2.48954G	-52.33	24.91025G	-53.06	2
2427MHz															
2437MHz	Pass	2.44075G	5.34	-24.66	479.99M	-54.07	2.39952G	-28.57	2.4G	-34.54	2.48358G	-43.40	17.67448G	-53.21	1
2437MHz	Pass	2.44075G	5.34	-24.66	479.99M	-56.68	2.39952G	-26.39	2.4G	-33.67	2.48358G	-40.34	24.9972G	-53.06	2
2447MHz															
2452MHz	Pass	2.44075G	5.34	-24.66	479.99M	-53.86	2.39332G	-54.34	2.4835G	-43.03	2.4845G	-43.04	16.54705G	-53.11	1
2452MHz	Pass	2.44075G	5.34	-24.66	479.99M	-60.93	2.394G	-53.62	2.4835G	-43.56	2.48454G	-41.45	24.98598G	-53.19	2

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

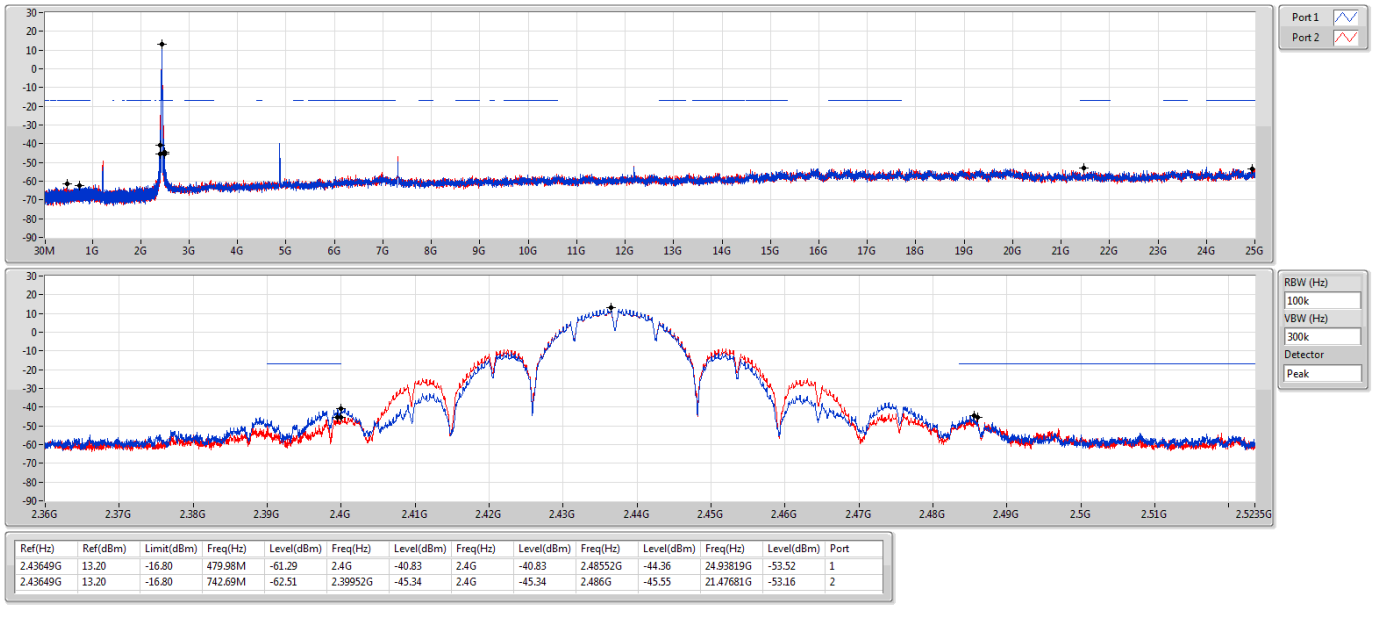
2412MHz



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
2.43649G	13.20	-16.80	479.98M	-60.54	2.39704G	-22.69	2.4G	-28.38	2.505G	-53.84	23.27493G	-53.70	1
2.43649G	13.20	-16.80	2.30816G	-61.15	2.39704G	-18.40	2.4G	-25.32	2.495G	-54.75	7.23795G	-51.20	2

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

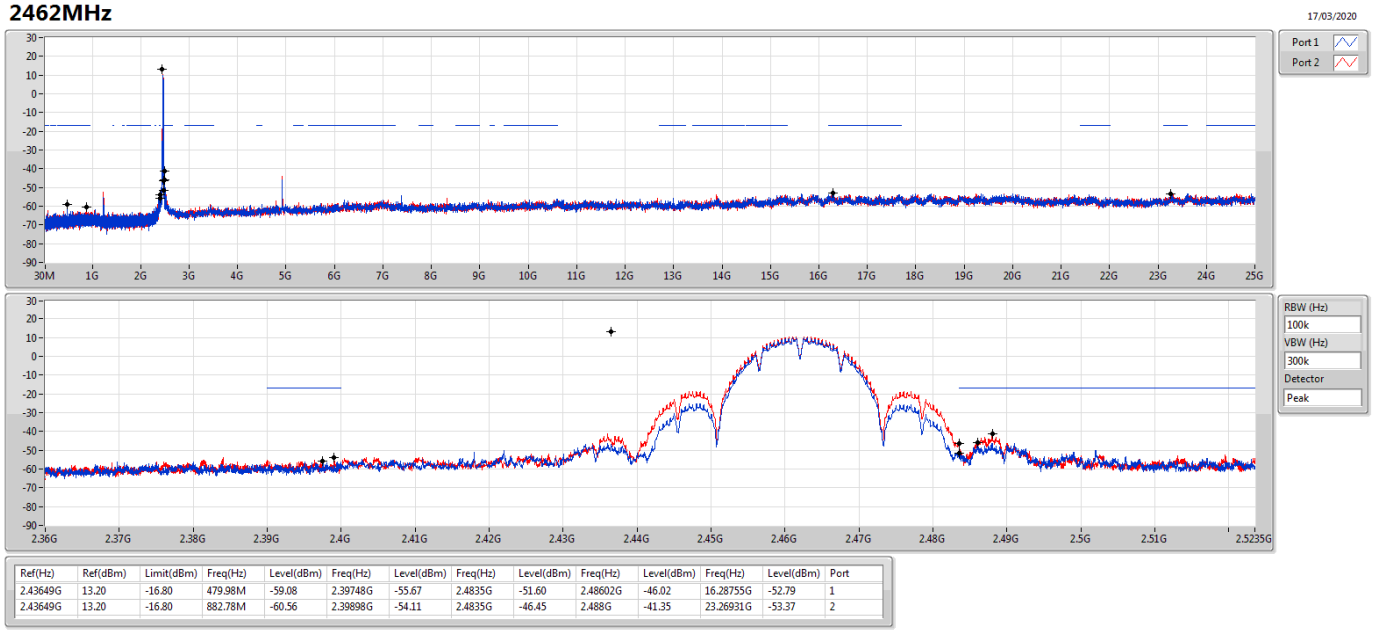
2437MHz



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
2.43649G	13.20	-16.80	479.98M	-61.29	2.4G	-40.83	2.4G	-40.83	2.48552G	-44.36	24.93819G	-53.52	1
2.43649G	13.20	-16.80	742.69M	-62.51	2.39952G	-45.34	2.4G	-45.34	2.486G	-45.55	21.47681G	-53.16	2

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

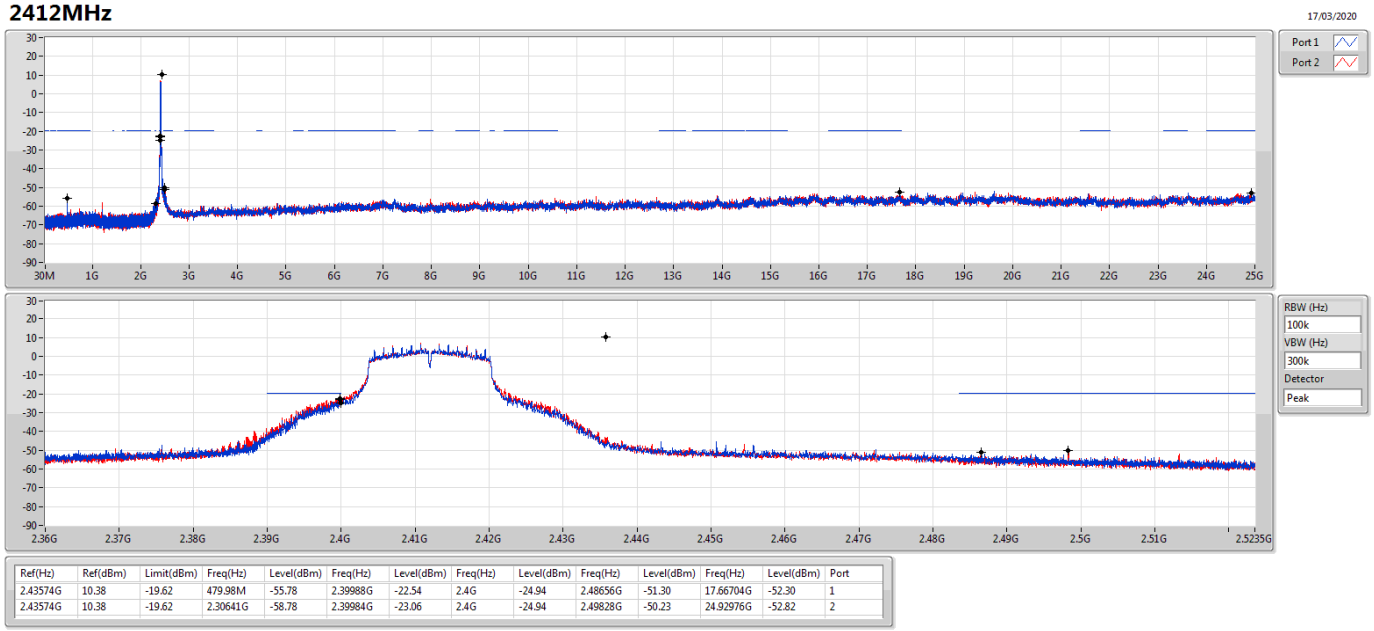
2462MHz



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
2.43649G	13.20	-16.80	479.98M	-59.08	2.39748G	-55.67	2.4835G	-51.60	2.48602G	-46.02	16.28755G	-52.79	1
2.43649G	13.20	-16.80	882.78M	-60.56	2.39898G	-54.11	2.4835G	-46.45	2.488G	-41.35	23.26931G	-53.37	2

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

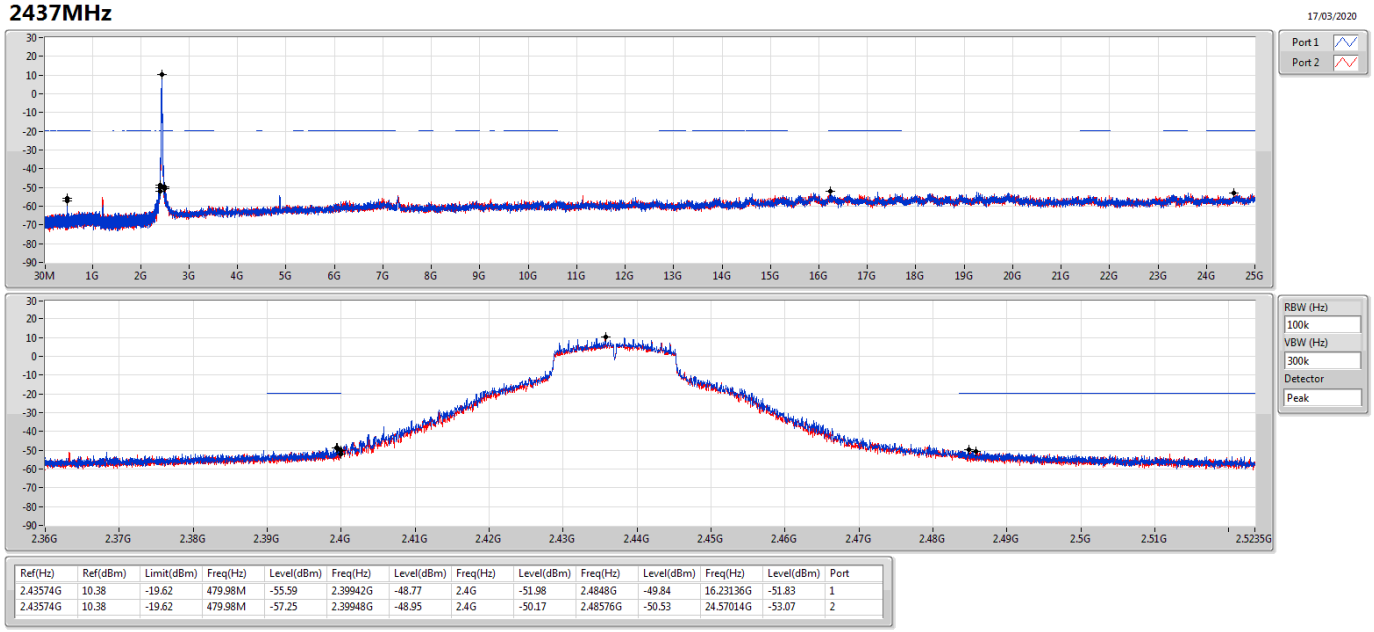
2412MHz



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
2.43574G	10.38	-19.62	479.98M	-55.78	2.39988G	-22.54	2.4G	-24.94	2.48656G	-51.30	17.66704G	-52.30	1
2.43574G	10.38	-19.62	2.30641G	-58.78	2.39984G	-23.06	2.4G	-24.94	2.49828G	-50.23	24.92976G	-52.82	2

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

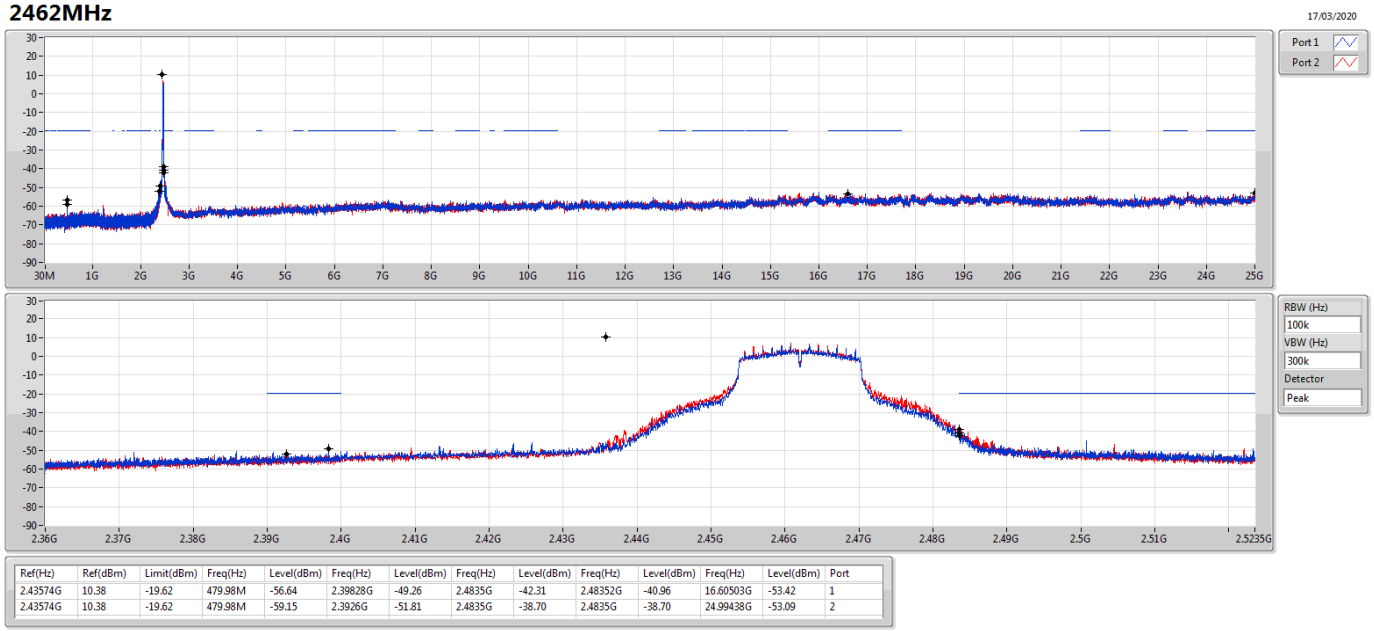
2437MHz



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
2.43574G	10.38	-19.62	479.98M	-55.59	2.39942G	-48.77	2.4G	-51.98	2.4848G	-49.84	16.23136G	-51.83	1
2.43574G	10.38	-19.62	479.98M	-57.25	2.39948G	-48.95	2.4G	-50.17	2.48576G	-50.53	24.57014G	-53.07	2

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

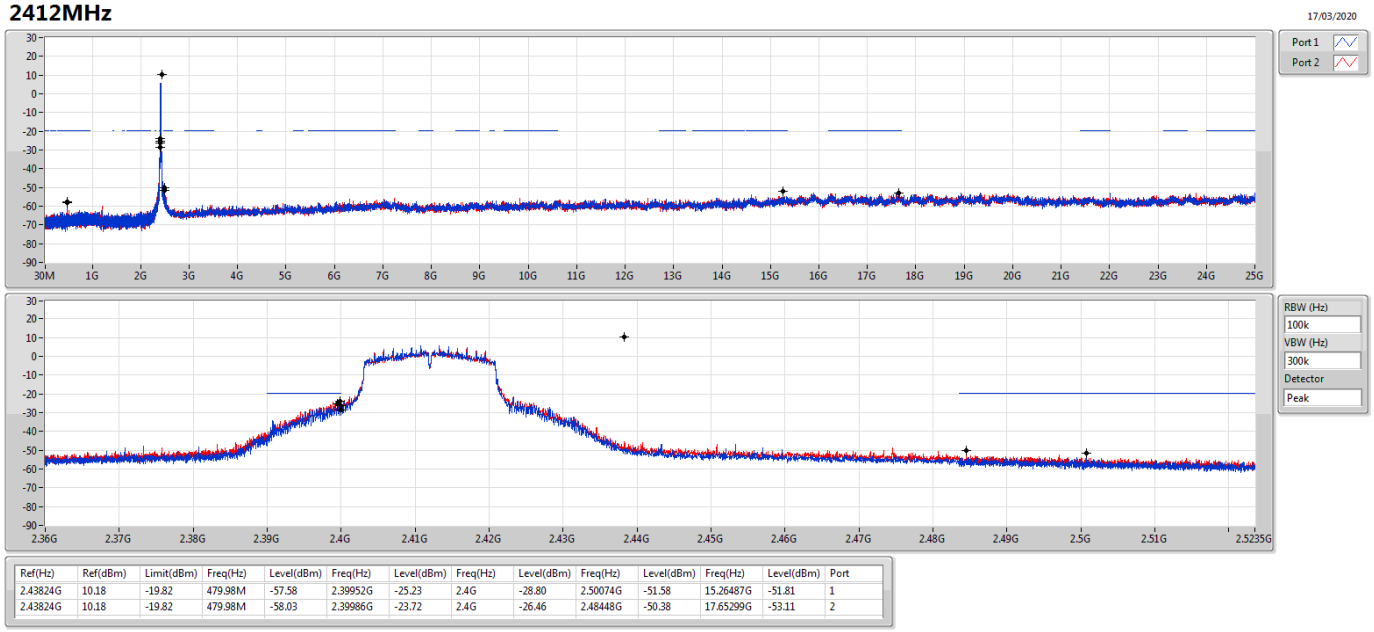
2462MHz



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
2.43574G	10.38	-19.62	479.98M	-56.64	2.39828G	-49.26	2.4835G	-42.31	2.48352G	-40.96	16.60503G	-53.42	1
2.43574G	10.38	-19.62	479.98M	-59.15	2.3926G	-51.81	2.4835G	-38.70	2.4835G	-38.70	24.99438G	-53.09	2

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

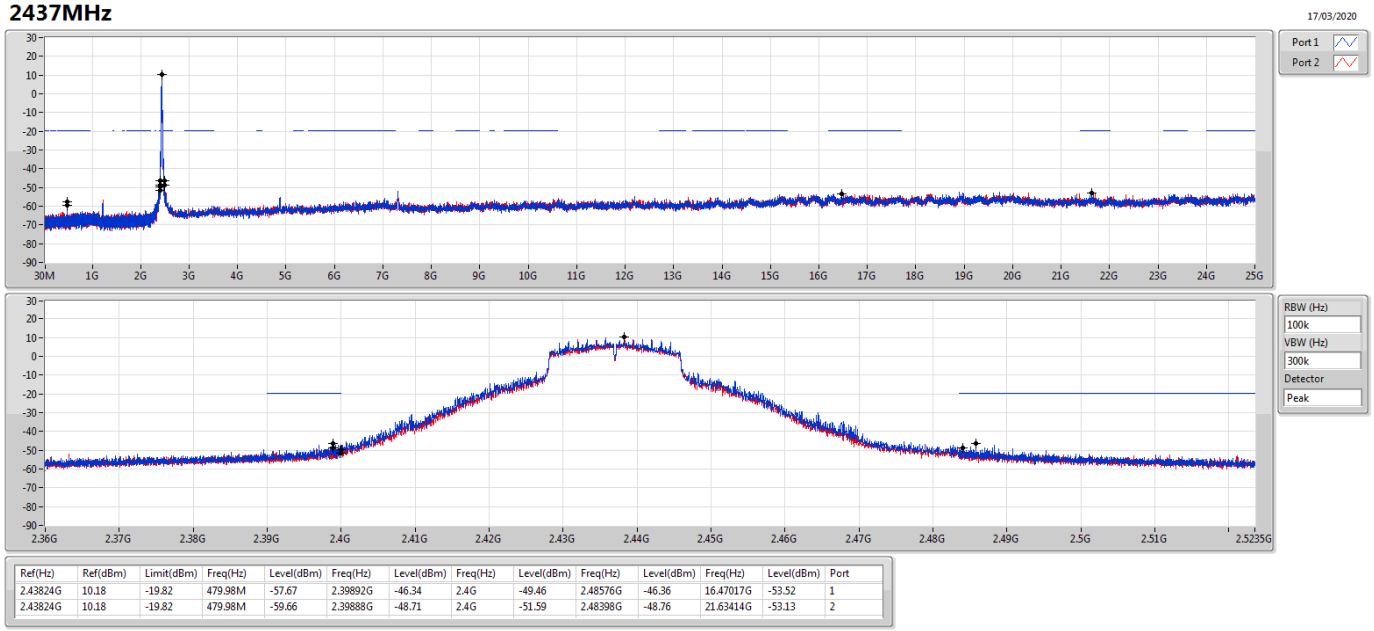
2412MHz



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	10.18	-19.82	479.98M	-57.58	2.39952G	-25.23	2.4G	-28.80	2.50074G	-51.58	15.26487G	-51.81	1
2.43824G	10.18	-19.82	479.98M	-58.03	2.39986G	-23.72	2.4G	-26.46	2.48448G	-50.38	17.65299G	-53.11	2

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

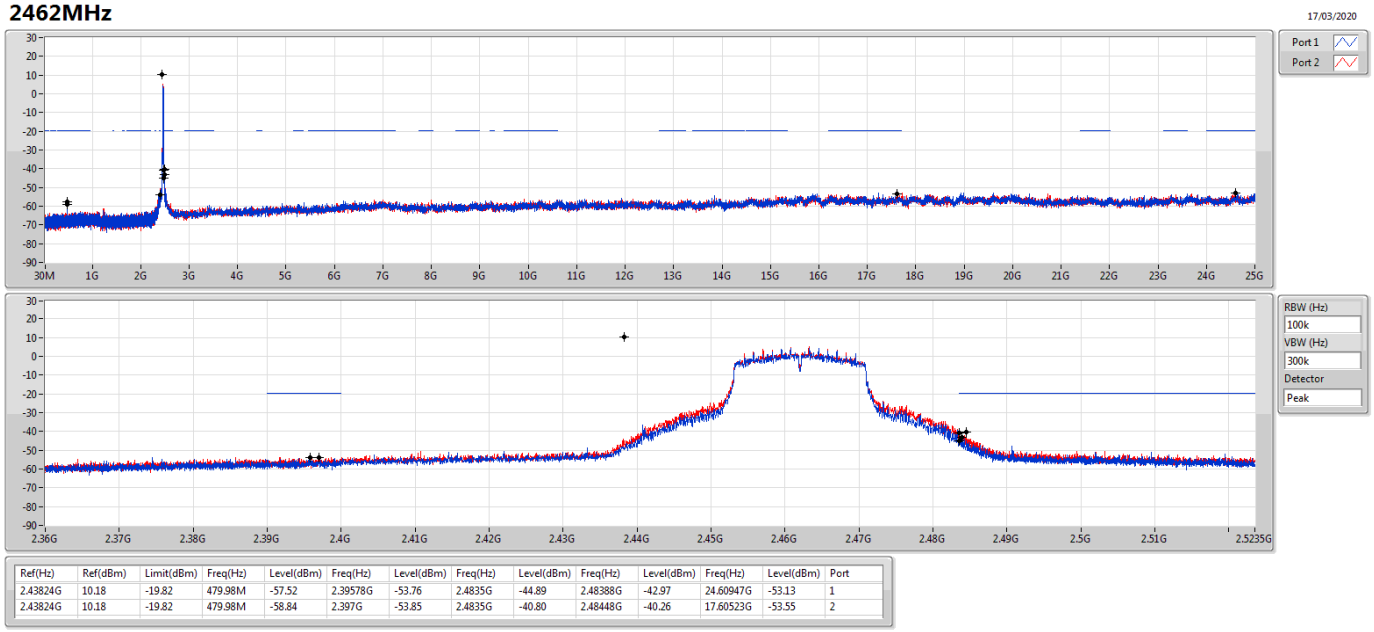
2437MHz



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	10.18	-19.82	479.98M	-57.67	2.39892G	-46.34	2.4G	-49.46	2.48576G	-46.36	16.47017G	-53.52	1
2.43824G	10.18	-19.82	479.98M	-59.66	2.39888G	-48.71	2.4G	-51.59	2.48398G	-48.76	21.63414G	-53.13	2

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

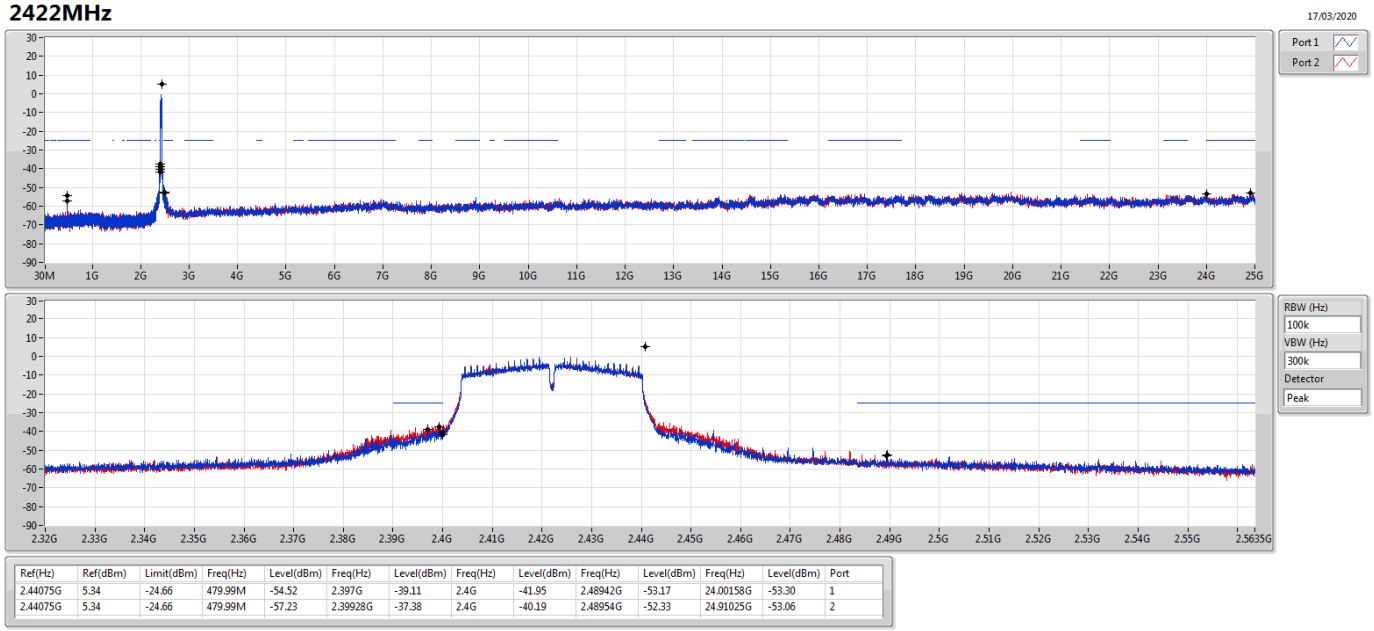
2462MHz



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	10.18	-19.82	479.98M	-57.52	2.39578G	-53.76	2.4835G	-44.89	2.48388G	-42.97	24.60947G	-53.13	1
2.43824G	10.18	-19.82	479.98M	-58.84	2.397G	-53.85	2.4835G	-40.80	2.48448G	-40.26	17.60523G	-53.55	2

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

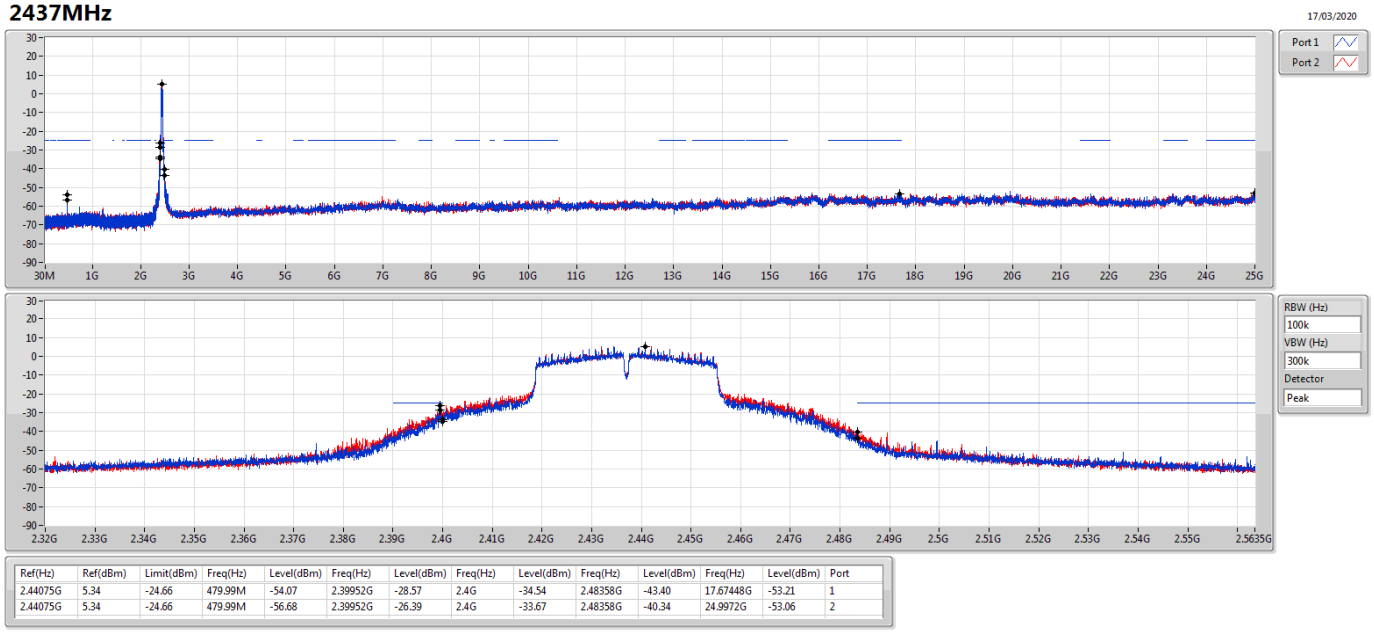
2422MHz



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
2.44075G	5.34	-24.66	479.99M	-54.52	2.397G	-39.11	2.4G	-41.95	2.48942G	-53.17	24.00158G	-53.30	1
2.44075G	5.34	-24.66	479.99M	-57.23	2.39928G	-37.38	2.4G	-40.19	2.48954G	-52.33	24.91025G	-53.06	2

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

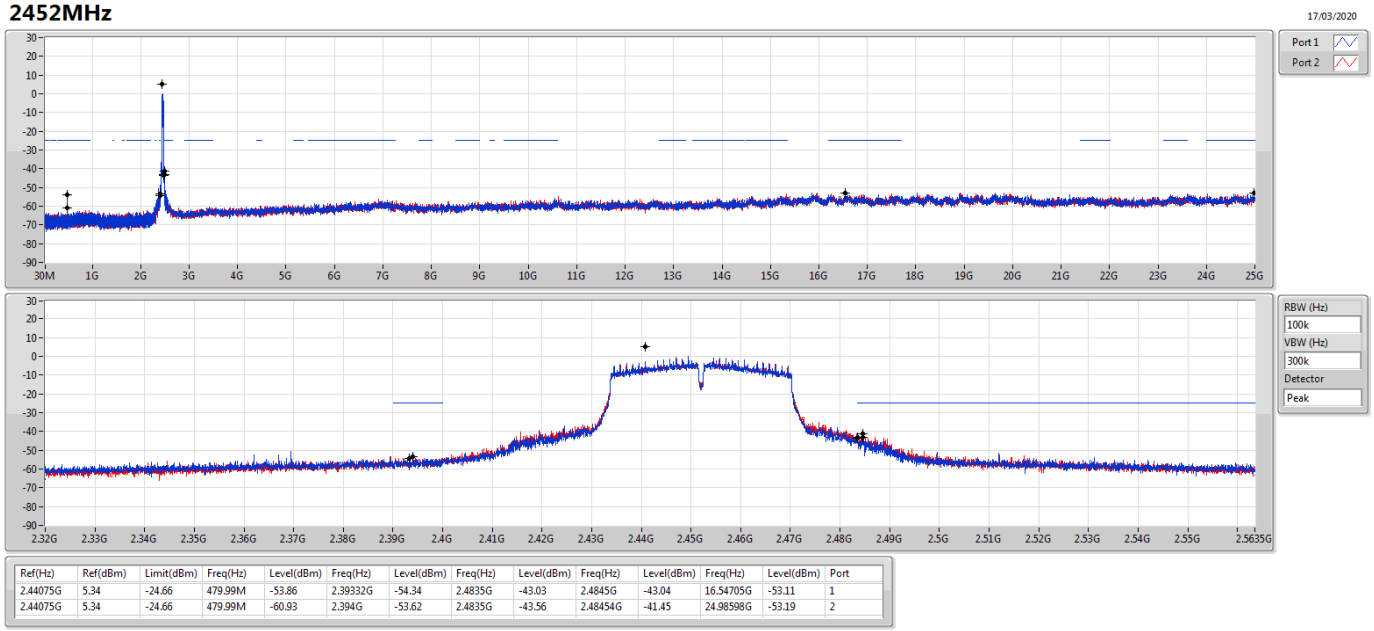
2437MHz



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
2.44075G	5.34	-24.66	479.99M	-54.07	2.39952G	-28.57	2.4G	-34.54	2.48358G	-43.40	17.67448G	-53.21	1
2.44075G	5.34	-24.66	479.99M	-56.68	2.39952G	-26.39	2.4G	-33.67	2.48358G	-40.34	24.9972G	-53.06	2

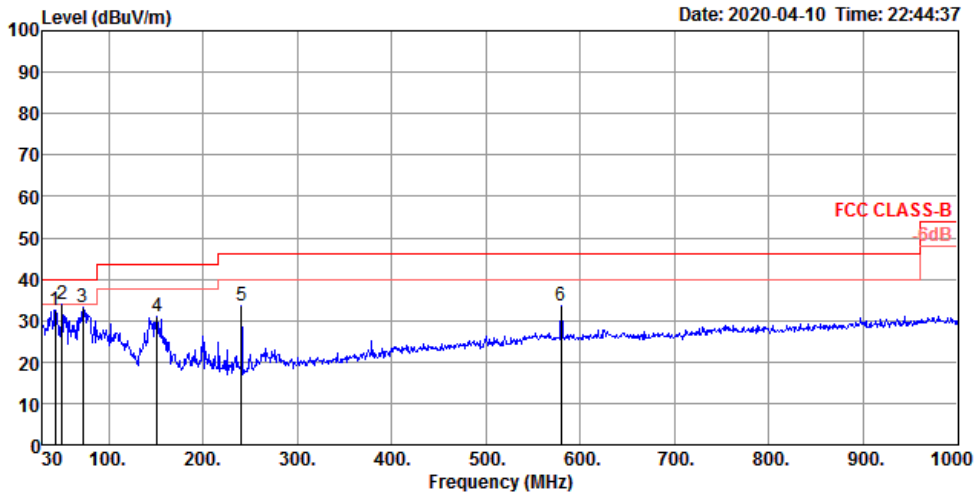
802.11n HT40_Nss1,(MCS0)_2TX **CSE NdB**

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
2.44075G	5.34	-24.66	479.99M	-53.86	2.39332G	-54.34	2.4835G	-43.03	2.4845G	-43.04	16.54705G	-53.11	1
2.44075G	5.34	-24.66	479.99M	-60.93	2.394G	-53.62	2.4835G	-43.56	2.48454G	-41.45	24.98598G	-53.19	2

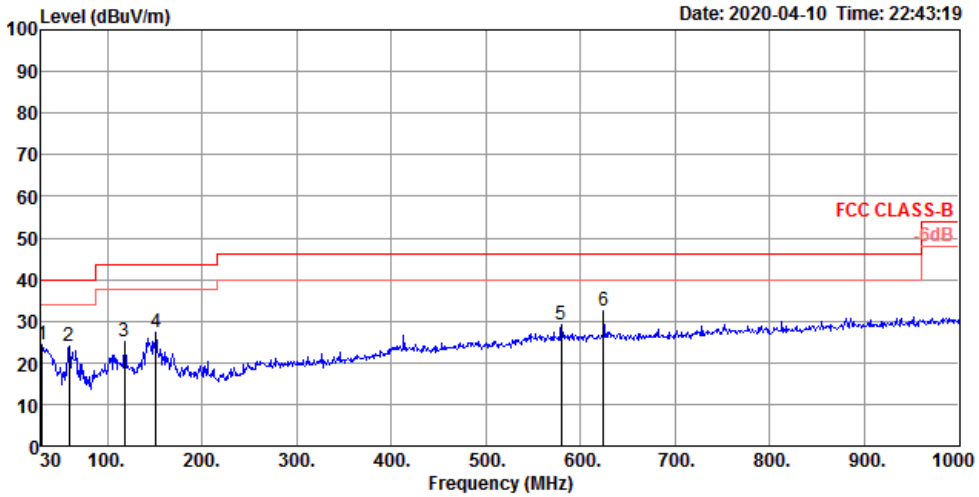
RSE below 1GHz Result			
Operating Mode	1	**Polarization**	Vertical
Operating Function	Normal Link		



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	43.58	32.57	40.00	-7.43	45.66	1.26	17.22	31.57	100	232	Peak	VERTICAL
2	50.37	33.95	40.00	-6.05	50.16	1.19	14.34	31.74	100	302	Peak	VERTICAL
3	72.68	33.18	40.00	-6.82	51.23	1.30	12.53	31.88	200	2	Peak	VERTICAL
4	151.25	30.94	43.50	-12.56	44.67	1.80	16.41	31.94	100	144	Peak	VERTICAL
5	240.49	33.44	46.00	-12.56	46.51	2.17	16.77	32.01	300	145	Peak	VERTICAL
6	579.99	33.61	46.00	-12.39	38.51	3.42	24.00	32.32	100	221	Peak	VERTICAL

Note 1: “>20dB” means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found emissions (No emissions were detected.)

RSE below 1GHz Result			
Operating Mode	1	**Polarization**	Horizontal
Operating Function	Normal Link		



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	30.97	24.31	40.00	-15.69	31.05	1.22	23.60	31.56	300	27	Peak	HORIZONTAL
2	59.10	23.91	40.00	-16.09	41.74	1.18	12.83	31.84	100	34	Peak	HORIZONTAL
3	118.27	25.20	43.50	-18.30	37.07	1.68	18.22	31.77	100	347	Peak	HORIZONTAL
4	151.25	27.30	43.50	-16.20	41.03	1.80	16.41	31.94	200	49	Peak	HORIZONTAL
5	579.99	29.17	46.00	-16.83	34.07	3.42	24.00	32.32	300	0	Peak	HORIZONTAL
6	624.61	32.46	46.00	-13.54	36.94	3.55	24.40	32.43	200	359	Peak	HORIZONTAL

Note 1: “>20dB” means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found emissions (No emissions were detected.)

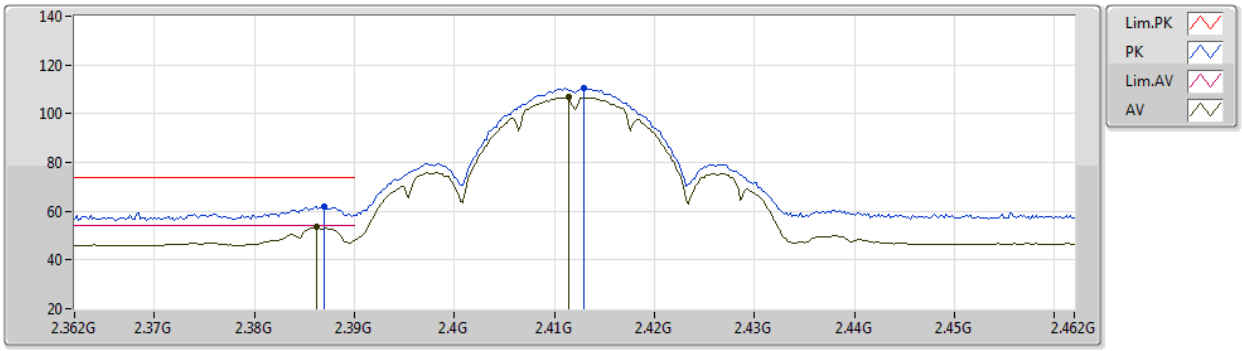
Summary

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	2.39G	53.99	54.00	-0.01	3	Vertical	187	2.90	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

13/03/2020



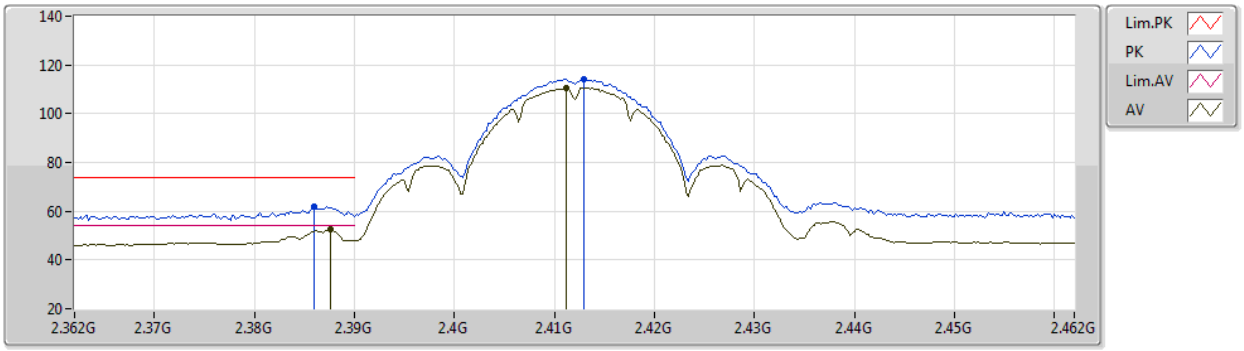
EUT Z_2TX
Setting 41
01-B-C-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.387G	62.08	74.00	-11.92	31.42	3	Vertical	186	2.90	-	27.47	3.19	-
AV	2.3862G	53.46	54.00	-0.54	22.80	3	Vertical	186	2.90	-	27.47	3.19	-
PK	2.413G	110.45	Inf	-Inf	79.69	3	Vertical	186	2.90	-	27.55	3.21	-
AV	2.4114G	106.71	Inf	-Inf	75.95	3	Vertical	186	2.90	-	27.55	3.21	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

13/03/2020



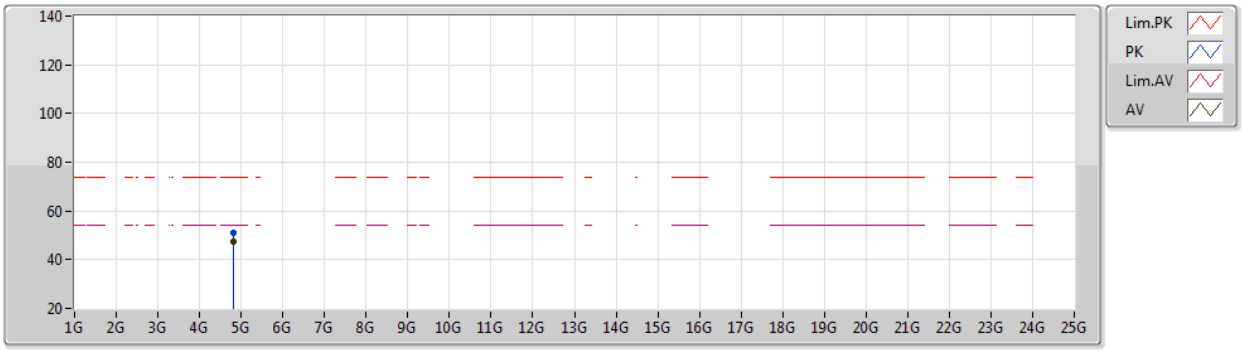
EUT Z_2TX
Setting 41
01-B-C-4

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	61.87	74.00	-12.13	31.21	3	Horizontal	258	2.54	-	27.47	3.19	-
AV	2.3876G	52.34	54.00	-1.66	21.67	3	Horizontal	258	2.54	-	27.48	3.19	-
PK	2.413G	114.30	Inf	-Inf	83.54	3	Horizontal	258	2.54	-	27.55	3.21	-
AV	2.4112G	110.60	Inf	-Inf	79.85	3	Horizontal	258	2.54	-	27.54	3.21	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

13/03/2020



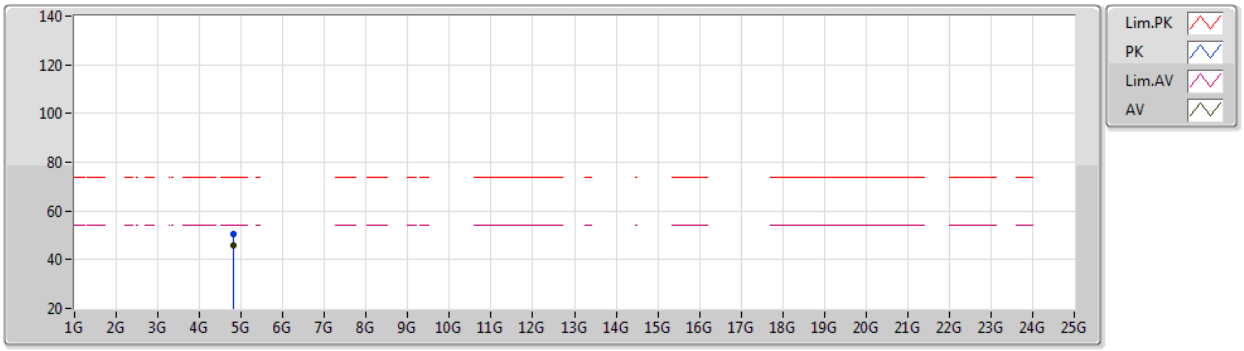
EUT Z_2TX
Setting 41
01-B-C-4

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	4.82403G	51.11	74.00	-22.89	47.67	3	Vertical	89	2.78	-	32.45	5.71	34.72
AV	4.82405G	47.19	54.00	-6.81	43.75	3	Vertical	89	2.78	-	32.45	5.71	34.72

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

13/03/2020



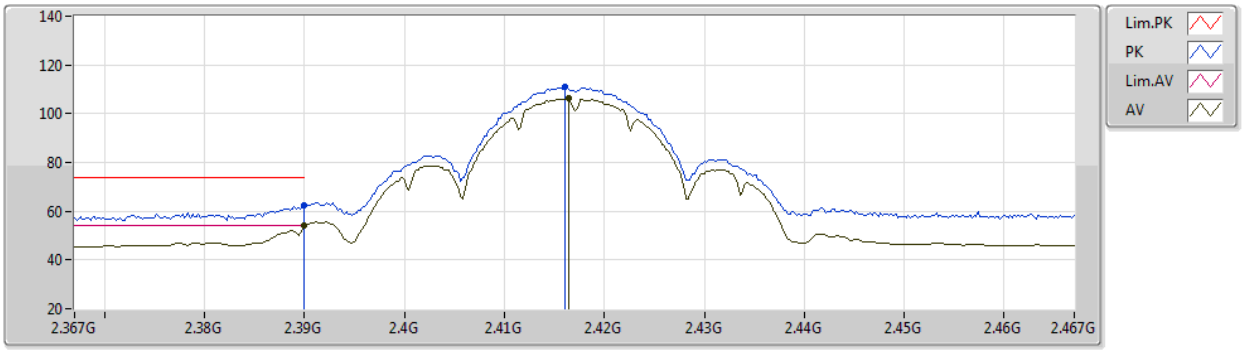
EUT Z_2TX
Setting 41
01-B-C-4

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	4.82399G	50.41	74.00	-23.59	46.97	3	Horizontal	110	2.23	-	32.45	5.71	34.72
AV	4.82403G	45.68	54.00	-8.32	42.24	3	Horizontal	110	2.23	-	32.45	5.71	34.72

802.11b_Nss1,(1Mbps)_2TX

2417MHz_TX

13/03/2020



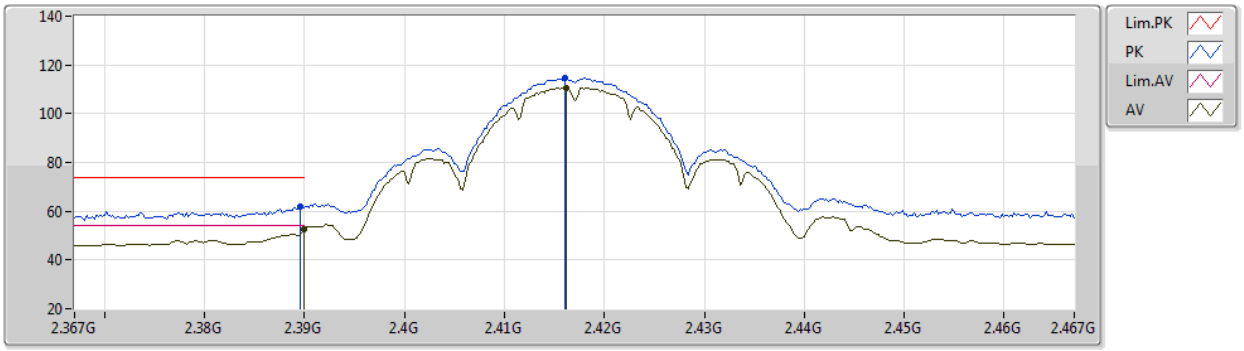
EUT Z_2TX
Setting 42
01-B-C-4

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	62.49	74.00	-11.51	31.81	3	Vertical	187	2.90	-	27.48	3.20	-
AV	2.39G	53.99	54.00	-0.01	23.31	3	Vertical	187	2.90	-	27.48	3.20	-
PK	2.416G	110.79	Inf	-Inf	80.02	3	Vertical	187	2.90	-	27.56	3.21	-
AV	2.4164G	106.22	Inf	-Inf	75.44	3	Vertical	187	2.90	-	27.57	3.21	-

802.11b_Nss1,(1Mbps)_2TX

2417MHz_TX

13/03/2020



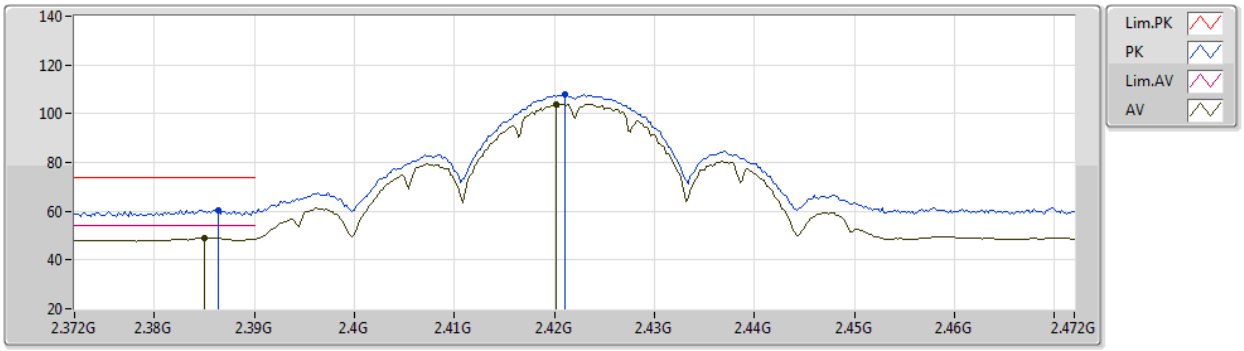
EUT Z_2TX
Setting 42
01-B-C-4

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	61.83	74.00	-12.17	31.16	3	Horizontal	256	2.85	-	27.48	3.19	-
AV	2.39G	52.84	54.00	-1.16	22.16	3	Horizontal	256	2.85	-	27.48	3.20	-
PK	2.416G	114.54	Inf	-Inf	83.77	3	Horizontal	256	2.85	-	27.56	3.21	-
AV	2.4162G	110.76	Inf	-Inf	79.99	3	Horizontal	256	2.85	-	27.56	3.21	-

802.11b_Nss1,(1Mbps)_2TX

2422MHz_TX

05/05/2020



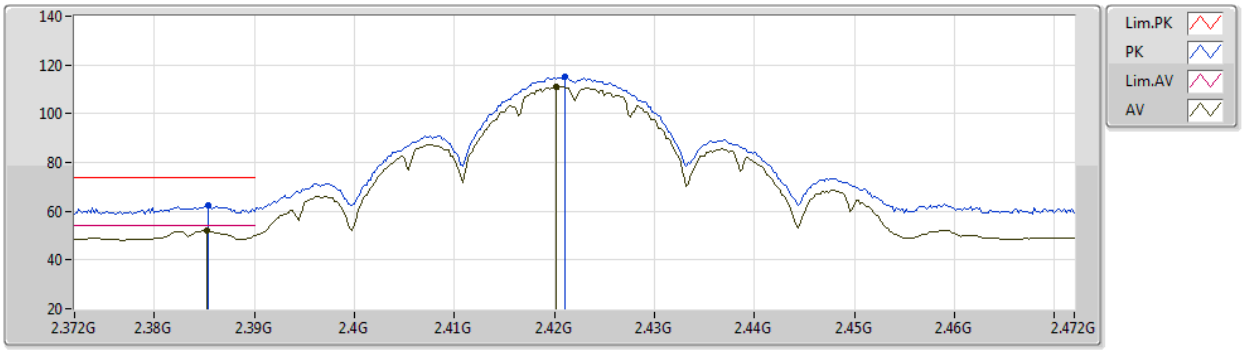
EUT Z_2TX
Setting 44
02-B-J-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3864G	60.59	74.00	-13.41	27.53	3	Vertical	176	2.06	-	29.56	3.50	-
AV	2.385G	49.20	54.00	-4.80	16.14	3	Vertical	176	2.06	-	29.56	3.50	-
PK	2.421G	107.84	Inf	-Inf	74.59	3	Vertical	176	2.06	-	29.73	3.52	-
AV	2.4202G	103.95	Inf	-Inf	70.71	3	Vertical	176	2.06	-	29.72	3.52	-

802.11b_Nss1,(1Mbps)_2TX

2422MHz_TX

05/05/2020



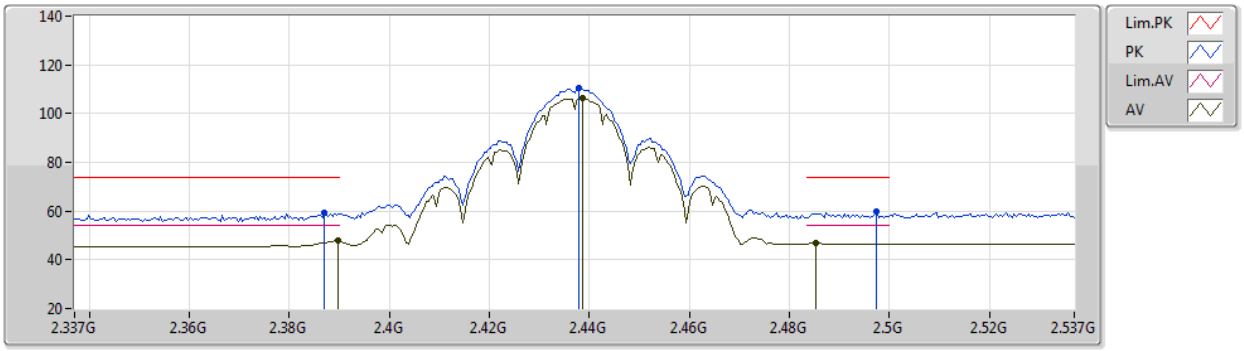
EUT Z_2TX
Setting 44
02-B-J-7

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	2.3854G	62.33	74.00	-11.67	29.27	3	Horizontal	246	2.12	-	29.56	3.50	-
AV	2.3852G	52.22	54.00	-1.78	19.16	3	Horizontal	246	2.12	-	29.56	3.50	-
PK	2.421G	114.94	Inf	-Inf	81.69	3	Horizontal	246	2.12	-	29.73	3.52	-
AV	2.4202G	111.29	Inf	-Inf	78.05	3	Horizontal	246	2.12	-	29.72	3.52	-

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

13/03/2020



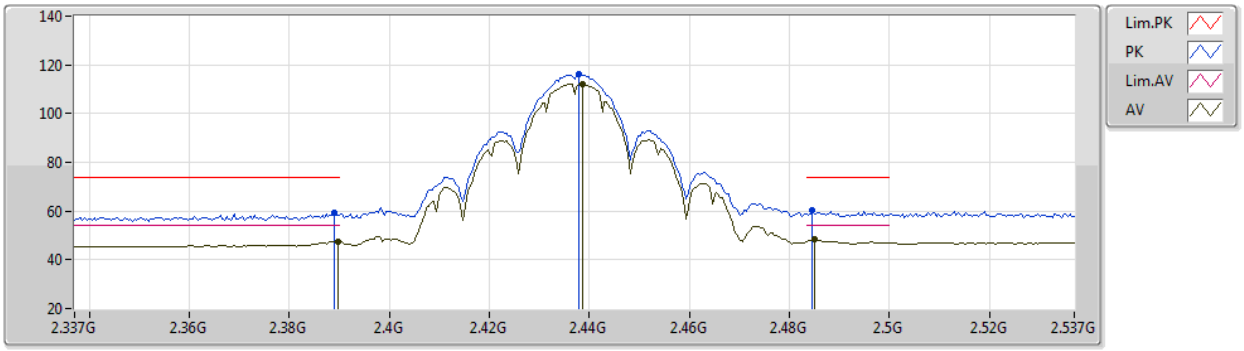
EUT Z_2TX
Setting 44
01-B-C-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.387G	59.43	74.00	-14.57	28.77	3	Vertical	206	2.83	-	27.47	3.19	-
AV	2.3898G	47.72	54.00	-6.28	17.05	3	Vertical	206	2.83	-	27.48	3.19	-
PK	2.4378G	110.27	Inf	-Inf	79.40	3	Vertical	206	2.83	-	27.65	3.22	-
AV	2.4386G	106.37	Inf	-Inf	75.50	3	Vertical	206	2.83	-	27.65	3.22	-
PK	2.4974G	59.84	74.00	-14.16	28.70	3	Vertical	206	2.83	-	27.89	3.25	-
AV	2.4854G	46.86	54.00	-7.14	15.78	3	Vertical	206	2.83	-	27.84	3.24	-

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

13/03/2020



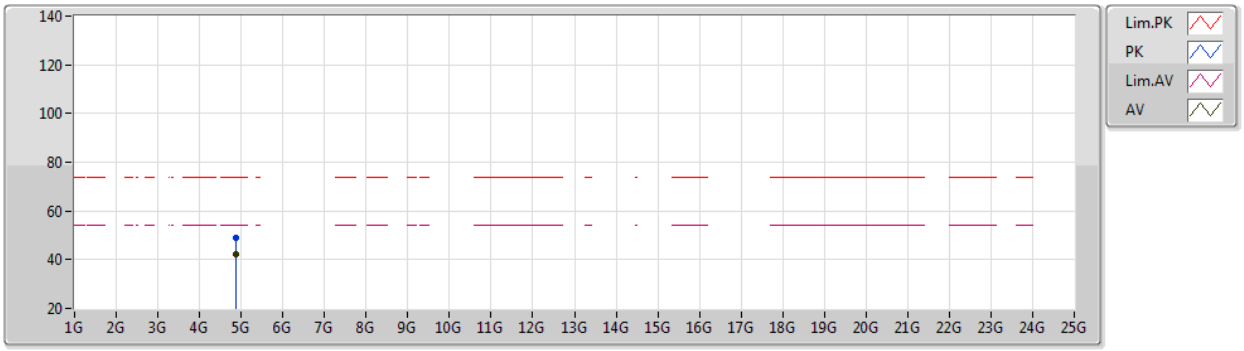
EUT Z_2TX
Setting 44
01-B-C-4

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	59.31	74.00	-14.69	28.64	3	Horizontal	242	2.77	-	27.48	3.19	-
AV	2.3898G	47.52	54.00	-6.48	16.85	3	Horizontal	242	2.77	-	27.48	3.19	-
PK	2.4378G	116.19	Inf	-Inf	85.32	3	Horizontal	242	2.77	-	27.65	3.22	-
AV	2.4386G	112.27	Inf	-Inf	81.40	3	Horizontal	242	2.77	-	27.65	3.22	-
PK	2.4846G	60.45	74.00	-13.55	29.37	3	Horizontal	242	2.77	-	27.84	3.24	-
AV	2.485G	48.50	54.00	-5.50	17.42	3	Horizontal	242	2.77	-	27.84	3.24	-

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

13/03/2020



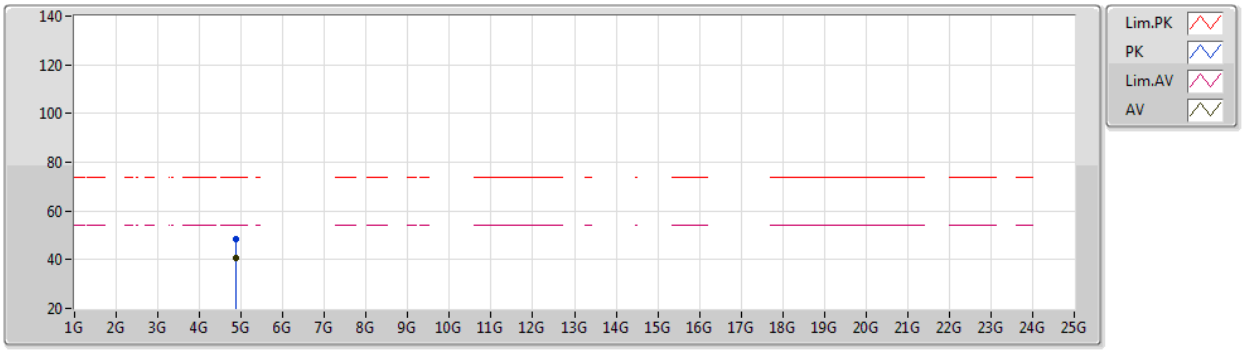
EUT Z_2TX
Setting 44
01-B-C-4

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	4.87411G	49.09	74.00	-24.91	45.48	3	Vertical	98	3.00	-	32.55	5.74	34.68
AV	4.87405G	42.25	54.00	-11.75	38.64	3	Vertical	98	3.00	-	32.55	5.74	34.68

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

13/03/2020



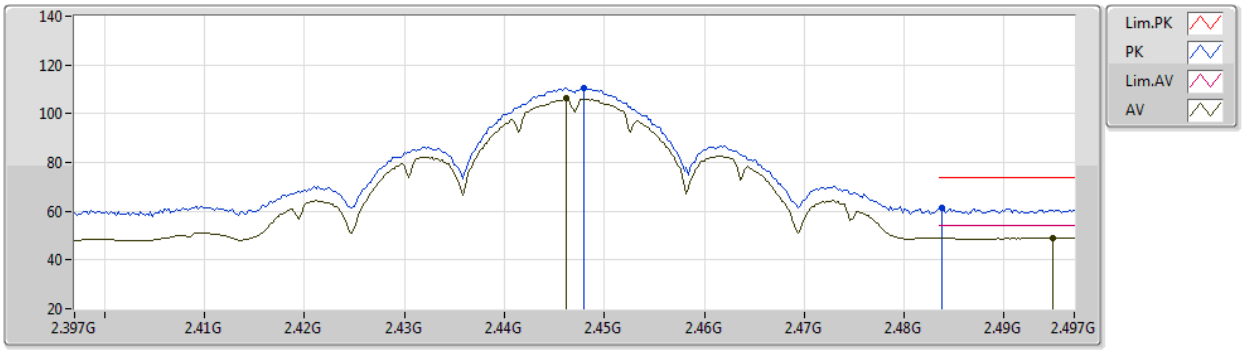
EUT Z_2TX
Setting 44
01-B-C-4

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	48.30	74.00	-25.70	44.69	3	Horizontal	346	2.27	-	32.55	5.74	34.68
AV	4.87407G	40.72	54.00	-13.28	37.11	3	Horizontal	346	2.27	-	32.55	5.74	34.68

802.11b_Nss1,(1Mbps)_2TX

2447MHz_TX

05/05/2020



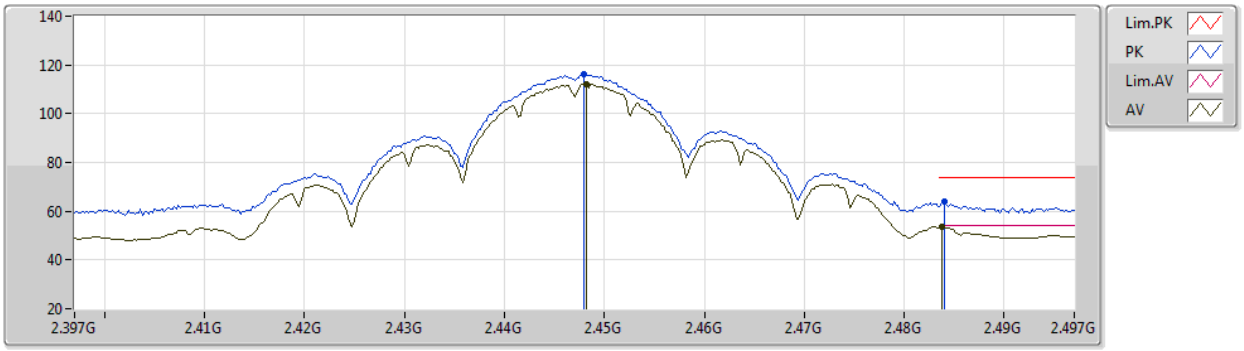
EUT Z_2TX
Setting 44
02-B-J-7

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	2.448G	110.70	Inf	-Inf	77.26	3	Vertical	210	2.80	-	29.89	3.55	-
AV	2.4462G	106.16	Inf	-Inf	72.73	3	Vertical	210	2.80	-	29.88	3.55	-
PK	2.4838G	61.14	74.00	-12.86	27.46	3	Vertical	210	2.80	-	30.10	3.58	-
AV	2.4948G	48.94	54.00	-5.06	15.18	3	Vertical	210	2.80	-	30.17	3.59	-

802.11b_Nss1,(1Mbps)_2TX

2447MHz_TX

05/05/2020



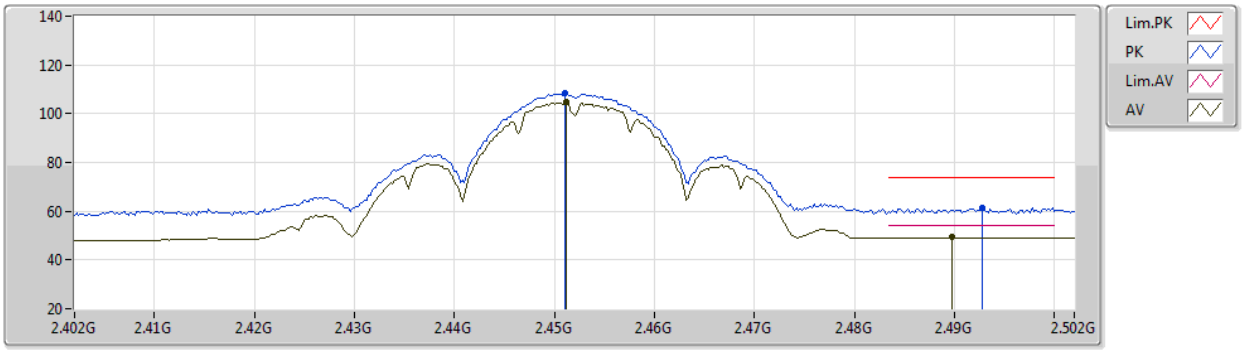
EUT Z_2TX
Setting 44
02-B-J-7

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	2.448G	116.11	Inf	-Inf	82.67	3	Horizontal	23	1.80	-	29.89	3.55	-
AV	2.4482G	112.14	Inf	-Inf	78.70	3	Horizontal	23	1.80	-	29.89	3.55	-
PK	2.484G	63.99	74.00	-10.01	30.31	3	Horizontal	23	1.80	-	30.10	3.58	-
AV	2.4838G	53.45	54.00	-0.55	19.77	3	Horizontal	23	1.80	-	30.10	3.58	-

802.11b_Nss1,(1Mbps)_2TX

2452MHz_TX

05/05/2020



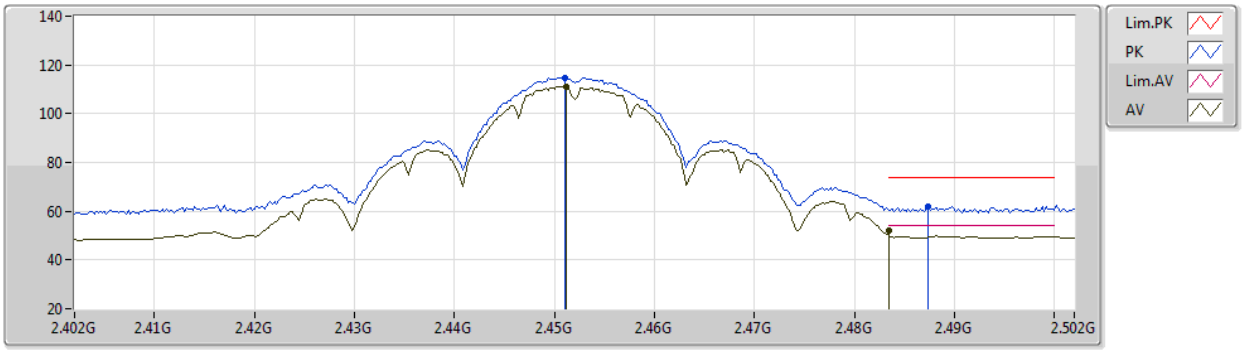
EUT Z_2TX
Setting 42
02-B-J-7

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	2.451G	108.35	Inf	-Inf	74.89	3	Vertical	172	2.26	-	29.91	3.55	-
AV	2.4512G	104.60	Inf	-Inf	71.14	3	Vertical	172	2.26	-	29.91	3.55	-
PK	2.4928G	61.62	74.00	-12.38	27.87	3	Vertical	172	2.26	-	30.16	3.59	-
AV	2.4898G	49.36	54.00	-4.64	15.63	3	Vertical	172	2.26	-	30.14	3.59	-

802.11b_Nss1,(1Mbps)_2TX

2452MHz_TX

05/05/2020



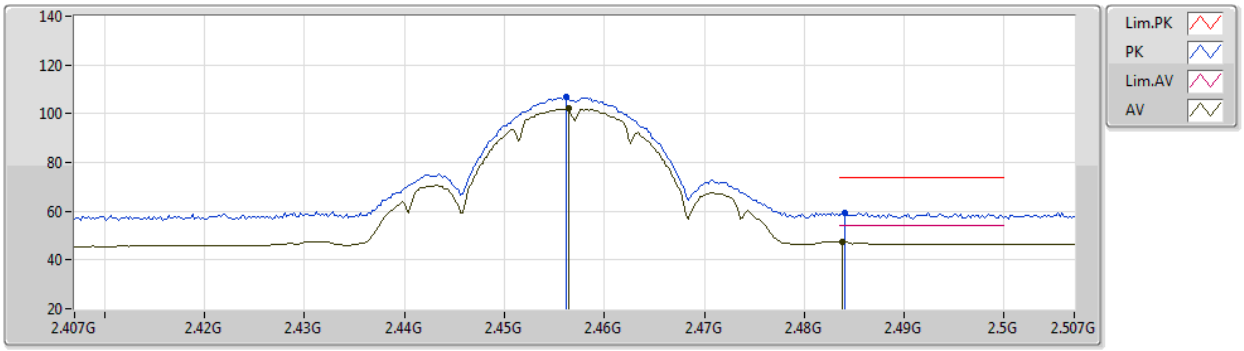
EUT Z_2TX
Setting 42
02-B-J-7

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	2.451G	114.88	Inf	-Inf	81.42	3	Horizontal	25	1.83	-	29.91	3.55	-
AV	2.4512G	111.10	Inf	-Inf	77.64	3	Horizontal	25	1.83	-	29.91	3.55	-
PK	2.4874G	62.14	74.00	-11.86	28.43	3	Horizontal	25	1.83	-	30.12	3.59	-
AV	2.4835G	52.28	54.00	-1.72	18.60	3	Horizontal	25	1.83	-	30.10	3.58	-

802.11b_Nss1,(1Mbps)_2TX

2457MHz_TX

13/03/2020



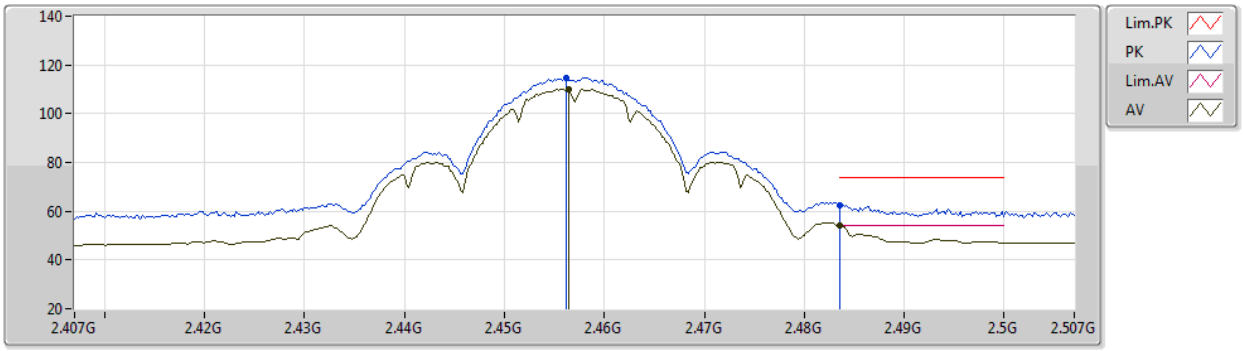
EUT Z_2TX
Setting 40
01-B-C-4

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	2.4562G	106.70	Inf	-Inf	75.75	3	Vertical	147	1.76	-	27.72	3.23	-
AV	2.4564G	102.28	Inf	-Inf	71.32	3	Vertical	147	1.76	-	27.73	3.23	-
PK	2.484G	59.32	74.00	-14.68	28.24	3	Vertical	147	1.76	-	27.84	3.24	-
AV	2.4838G	47.28	54.00	-6.72	16.20	3	Vertical	147	1.76	-	27.84	3.24	-

802.11b_Nss1,(1Mbps)_2TX

2457MHz_TX

13/03/2020



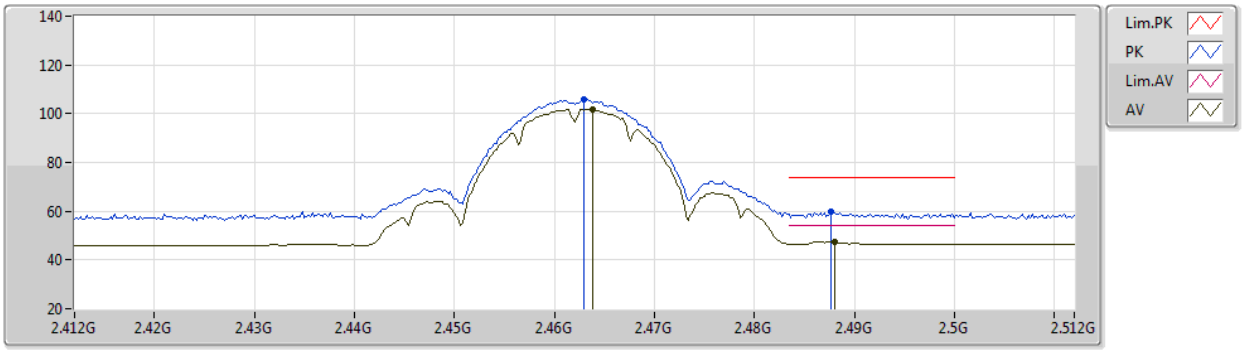
EUT Z_2TX
Setting 40
01-B-C-4

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	2.4562G	114.83	Inf	-Inf	83.88	3	Horizontal	165	1.36	-	27.72	3.23	-
AV	2.4564G	110.13	Inf	-Inf	79.17	3	Horizontal	165	1.36	-	27.73	3.23	-
PK	2.4835G	62.38	74.00	-11.62	31.31	3	Horizontal	165	1.36	-	27.83	3.24	-
AV	2.4835G	53.92	54.00	-0.08	22.85	3	Horizontal	165	1.36	-	27.83	3.24	-

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

13/03/2020



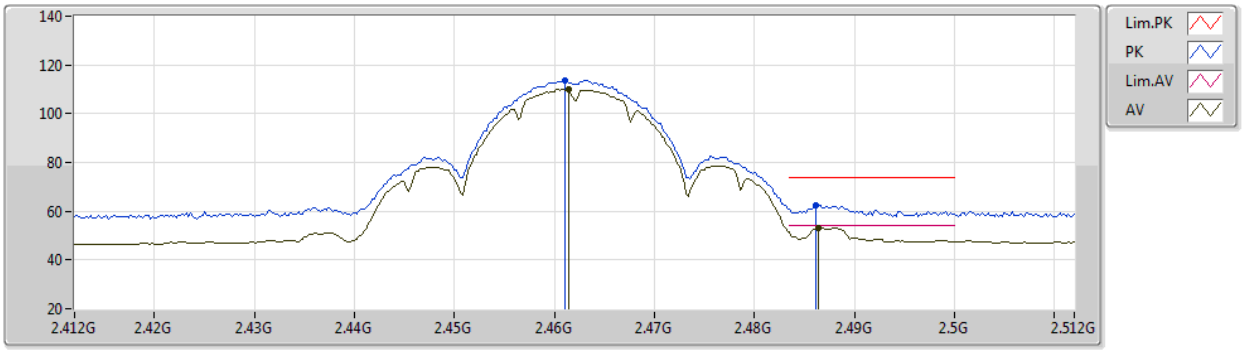
EUT Z_2TX
Setting 39
01-B-C-4

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	105.78	Inf	-Inf	74.80	3	Vertical	149	1.31	-	27.75	3.23	-
AV	2.4638G	101.80	Inf	-Inf	70.81	3	Vertical	149	1.31	-	27.76	3.23	-
PK	2.4876G	59.72	74.00	-14.28	28.63	3	Vertical	149	1.31	-	27.85	3.24	-
AV	2.488G	47.33	54.00	-6.67	16.24	3	Vertical	149	1.31	-	27.85	3.24	-

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

13/03/2020



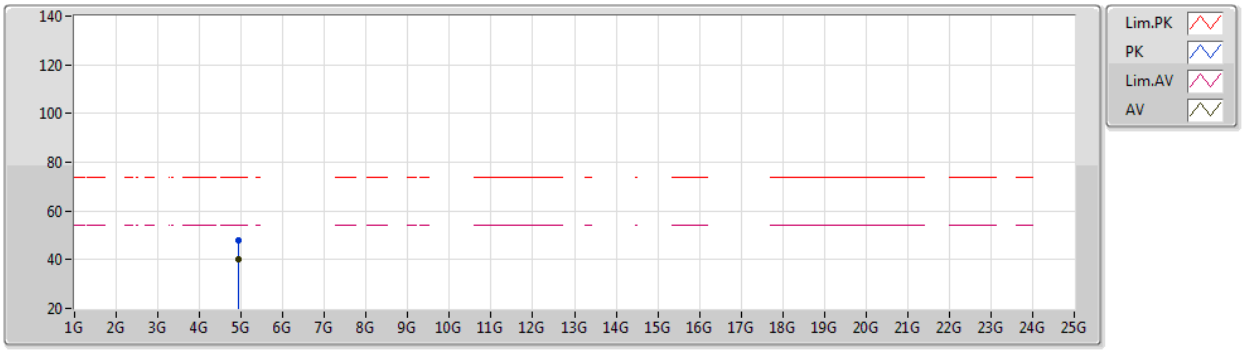
EUT Z_2TX
Setting 39
01-B-C-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.461G	113.70	Inf	-Inf	82.73	3	Horizontal	163	1.18	-	27.74	3.23	-
AV	2.4614G	110.02	Inf	-Inf	79.04	3	Horizontal	163	1.18	-	27.75	3.23	-
PK	2.4862G	62.46	74.00	-11.54	31.38	3	Horizontal	163	1.18	-	27.84	3.24	-
AV	2.4864G	53.32	54.00	-0.68	22.23	3	Horizontal	163	1.18	-	27.85	3.24	-

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

13/03/2020



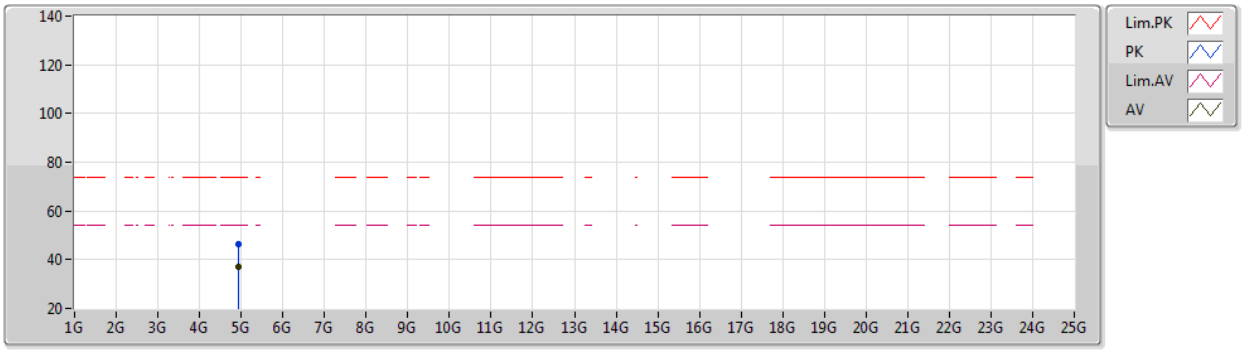
EUT Z_2TX
Setting 39
01-B-C-4

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	4.92409G	48.09	74.00	-25.91	44.30	3	Vertical	198	2.48	-	32.67	5.76	34.64
AV	4.92402G	40.13	54.00	-13.87	36.34	3	Vertical	198	2.48	-	32.67	5.76	34.64

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

13/03/2020



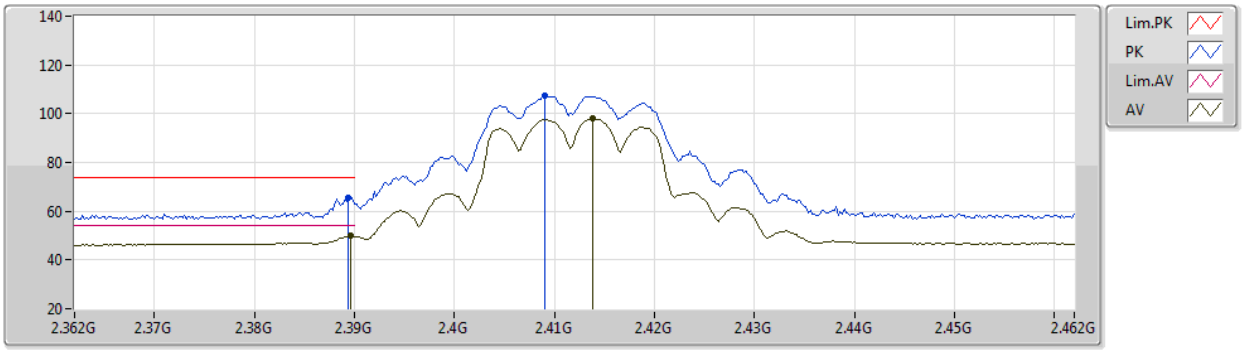
EUT Z_2TX
Setting 39
01-B-C-4

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	4.92393G	46.36	74.00	-27.64	42.57	3	Horizontal	37	2.57	-	32.67	5.76	34.64
AV	4.924G	36.95	54.00	-17.05	33.16	3	Horizontal	37	2.57	-	32.67	5.76	34.64

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

13/03/2020



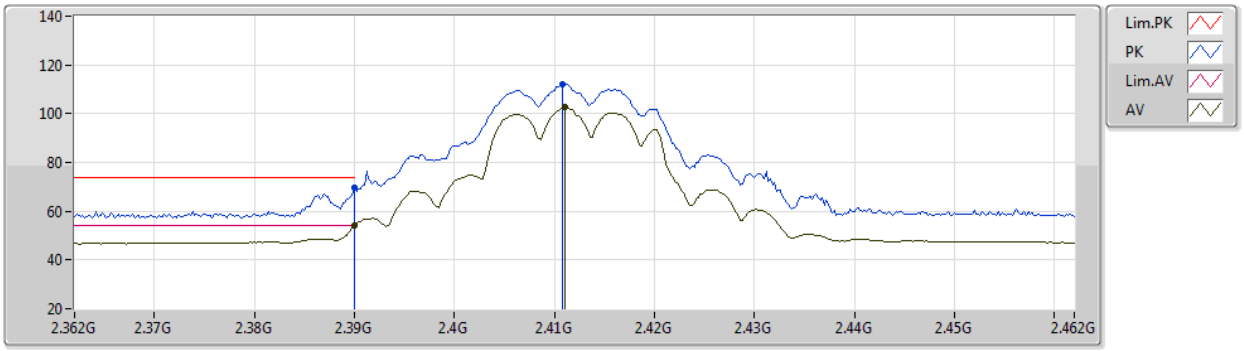
EUT Z_2TX
Setting 32
01-B-C-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3894G	65.70	74.00	-8.30	35.03	3	Vertical	155	2.63	-	27.48	3.19	-
AV	2.3896G	49.75	54.00	-4.25	19.08	3	Vertical	155	2.63	-	27.48	3.19	-
PK	2.409G	107.21	Inf	-Inf	76.47	3	Vertical	155	2.63	-	27.54	3.20	-
AV	2.4138G	98.17	Inf	-Inf	67.40	3	Vertical	155	2.63	-	27.56	3.21	-

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

13/03/2020



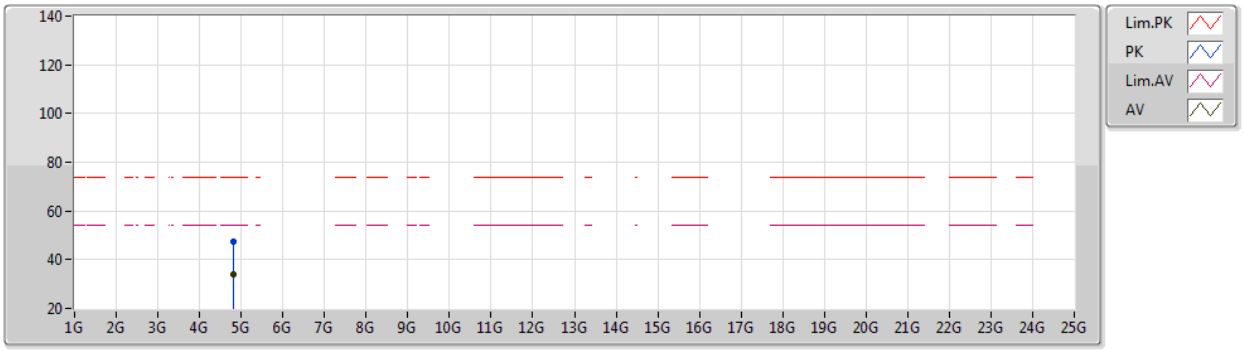
EUT Z_2TX
Setting 32
01-B-C-4

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	69.88	74.00	-4.12	39.20	3	Horizontal	0	2.28	-	27.48	3.20	-
AV	2.39G	53.95	54.00	-0.05	23.27	3	Horizontal	0	2.28	-	27.48	3.20	-
PK	2.4108G	111.98	Inf	-Inf	81.23	3	Horizontal	0	2.28	-	27.54	3.21	-
AV	2.411G	102.54	Inf	-Inf	71.79	3	Horizontal	0	2.28	-	27.54	3.21	-

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

13/03/2020



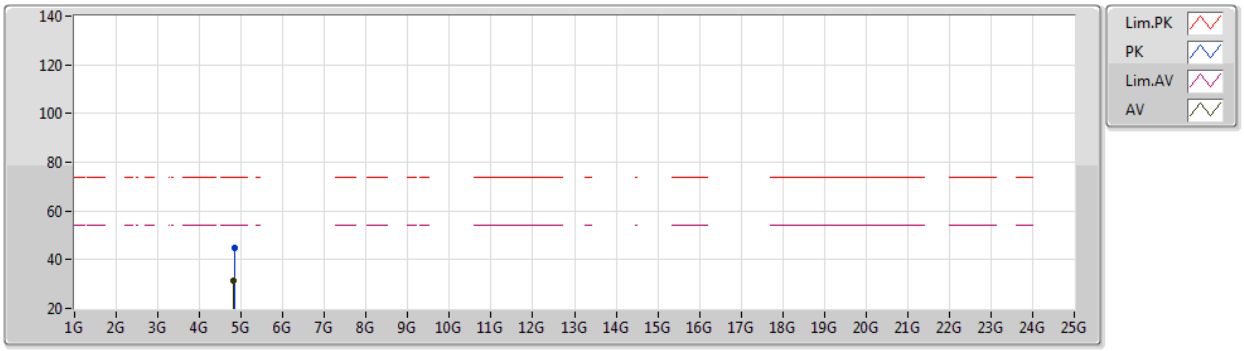
EUT Z_2TX
Setting 32
01-B-C-4

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	4.8205G	47.23	74.00	-26.77	43.80	3	Vertical	97	2.75	-	32.44	5.71	34.72
AV	4.8251G	33.95	54.00	-20.05	30.51	3	Vertical	97	2.75	-	32.45	5.71	34.72

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

13/03/2020



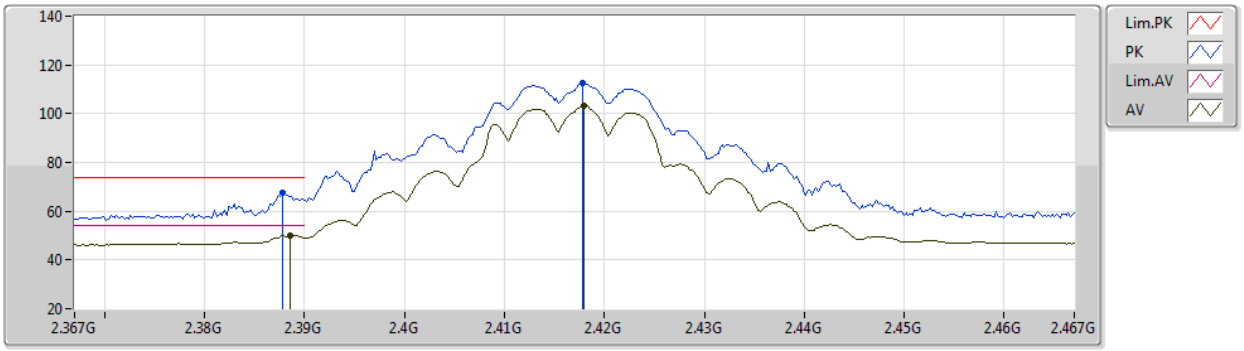
EUT Z_2TX
Setting 32
01-B-C-4

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	4.8359G	45.05	74.00	-28.95	41.57	3	Horizontal	350	2.31	-	32.47	5.72	34.71
AV	4.8188G	31.52	54.00	-22.48	28.09	3	Horizontal	350	2.31	-	32.44	5.71	34.72

802.11g_Nss1,(6Mbps)_2TX

2417MHz_TX

13/03/2020



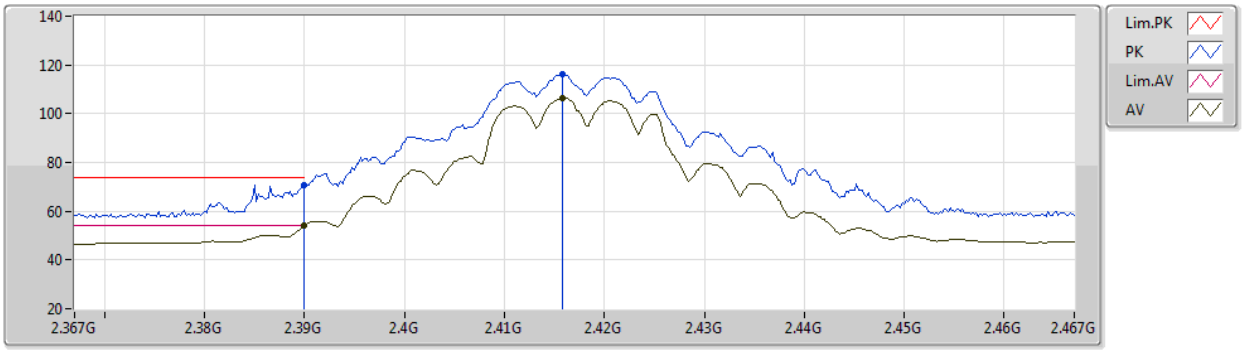
EUT Z_2TX
Setting 38
01-B-C-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3878G	67.37	74.00	-6.63	36.70	3	Vertical	187	2.88	-	27.48	3.19	-
AV	2.3886G	50.22	54.00	-3.78	19.55	3	Vertical	187	2.88	-	27.48	3.19	-
PK	2.4178G	112.47	Inf	-Inf	81.69	3	Vertical	187	2.88	-	27.57	3.21	-
AV	2.418G	103.04	Inf	-Inf	72.26	3	Vertical	187	2.88	-	27.57	3.21	-

802.11g_Nss1,(6Mbps)_2TX

2417MHz_TX

13/03/2020



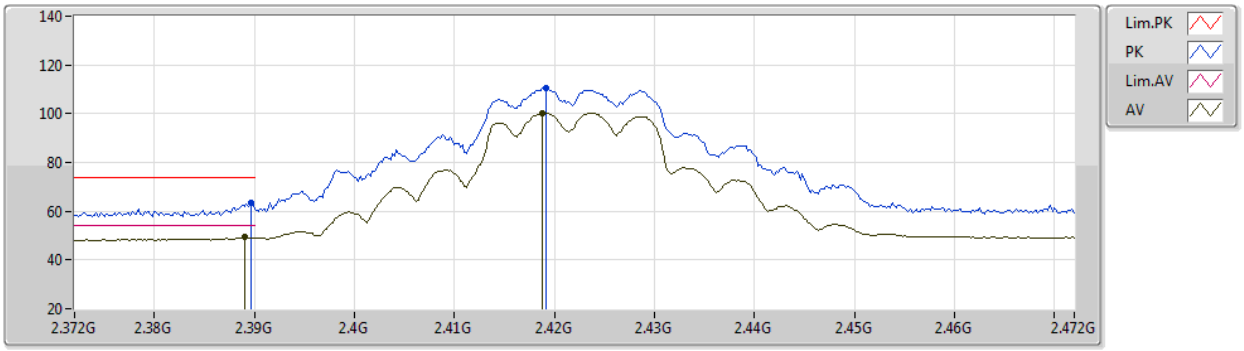
EUT Z_2TX
Setting 38
01-B-C-4

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	70.70	74.00	-3.30	40.02	3	Horizontal	360	1.47	-	27.48	3.20	-
AV	2.39G	53.94	54.00	-0.06	23.26	3	Horizontal	360	1.47	-	27.48	3.20	-
PK	2.4158G	116.03	Inf	-Inf	85.26	3	Horizontal	360	1.47	-	27.56	3.21	-
AV	2.4158G	106.38	Inf	-Inf	75.61	3	Horizontal	360	1.47	-	27.56	3.21	-

802.11g_Nss1,(6Mbps)_2TX

2422MHz_TX

05/05/2020



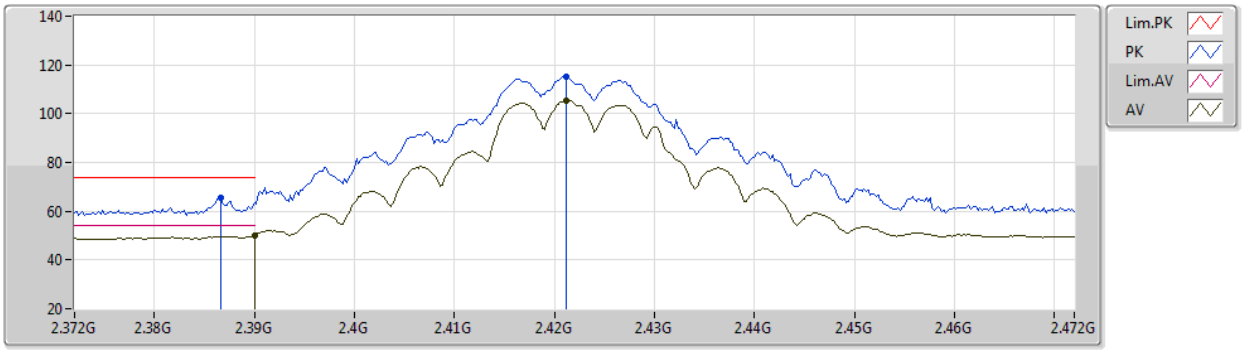
EUT Z_2TX
Setting 44
02-B-J-7

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	63.48	74.00	-10.52	30.41	3	Vertical	177	1.29	-	29.57	3.50	-
AV	2.389G	49.25	54.00	-4.75	16.18	3	Vertical	177	1.29	-	29.57	3.50	-
PK	2.4192G	110.54	Inf	-Inf	77.30	3	Vertical	177	1.29	-	29.72	3.52	-
AV	2.4188G	100.38	Inf	-Inf	67.15	3	Vertical	177	1.29	-	29.71	3.52	-

802.11g_Nss1,(6Mbps)_2TX

2422MHz_TX

05/05/2020



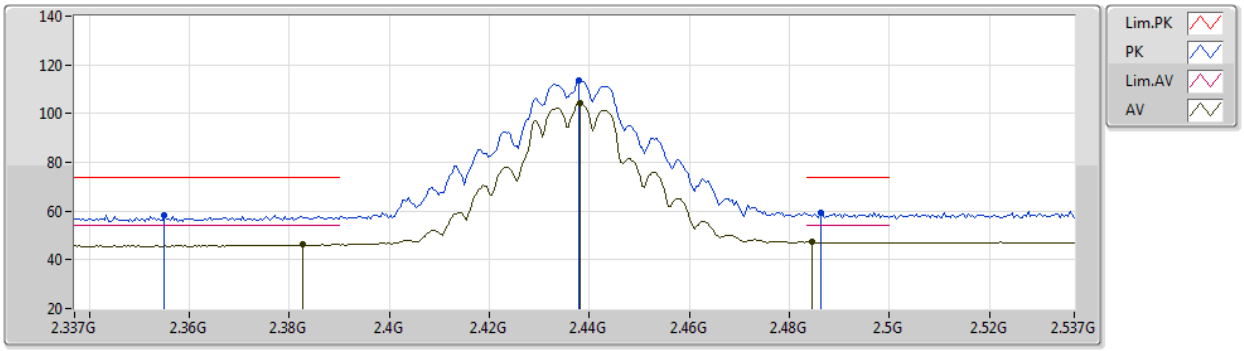
EUT Z_2TX
Setting 44
02-B-J-7

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	2.3866G	65.43	74.00	-8.57	32.37	3	Horizontal	15	1.12	-	29.56	3.50	-
AV	2.39G	50.22	54.00	-3.78	17.15	3	Horizontal	15	1.12	-	29.57	3.50	-
PK	2.4212G	115.32	Inf	-Inf	82.07	3	Horizontal	15	1.12	-	29.73	3.52	-
AV	2.4212G	105.57	Inf	-Inf	72.32	3	Horizontal	15	1.12	-	29.73	3.52	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

13/03/2020



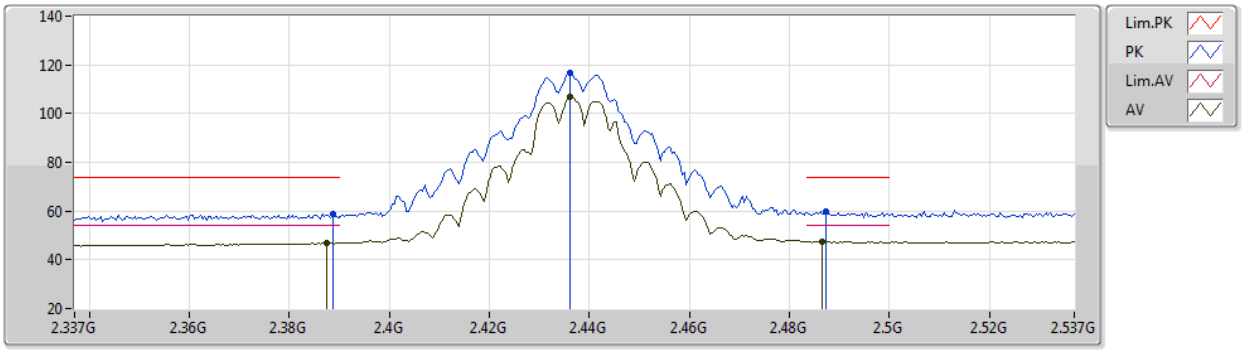
EUT Z_2TX
Setting 44
01-B-C-4

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	2.355G	58.40	74.00	-15.60	27.81	3	Vertical	183	2.82	-	27.41	3.18	-
AV	2.3826G	46.23	54.00	-7.77	15.57	3	Vertical	183	2.82	-	27.47	3.19	-
PK	2.4378G	113.71	Inf	-Inf	82.84	3	Vertical	183	2.82	-	27.65	3.22	-
AV	2.4382G	104.37	Inf	-Inf	73.50	3	Vertical	183	2.82	-	27.65	3.22	-
PK	2.4862G	59.38	74.00	-14.62	28.30	3	Vertical	183	2.82	-	27.84	3.24	-
AV	2.4846G	47.34	54.00	-6.66	16.26	3	Vertical	183	2.82	-	27.84	3.24	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

13/03/2020



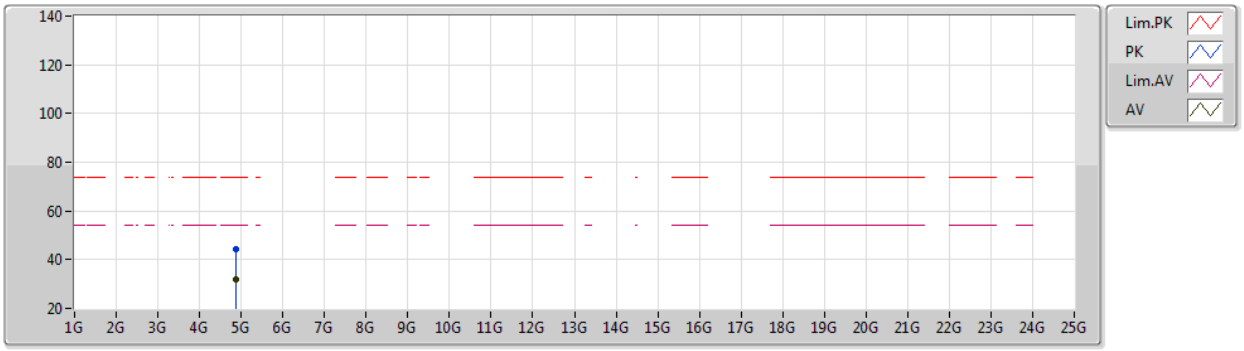
EUT Z_2TX
Setting 44
01-B-C-4

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	58.81	74.00	-15.19	28.14	3	Horizontal	12	1.75	-	27.48	3.19	-
AV	2.3874G	46.85	54.00	-7.15	16.19	3	Horizontal	12	1.75	-	27.47	3.19	-
PK	2.4362G	116.62	Inf	-Inf	85.76	3	Horizontal	12	1.75	-	27.64	3.22	-
AV	2.4362G	106.86	Inf	-Inf	76.00	3	Horizontal	12	1.75	-	27.64	3.22	-
PK	2.4874G	59.68	74.00	-14.32	28.59	3	Horizontal	12	1.75	-	27.85	3.24	-
AV	2.4866G	47.47	54.00	-6.53	16.38	3	Horizontal	12	1.75	-	27.85	3.24	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

13/03/2020



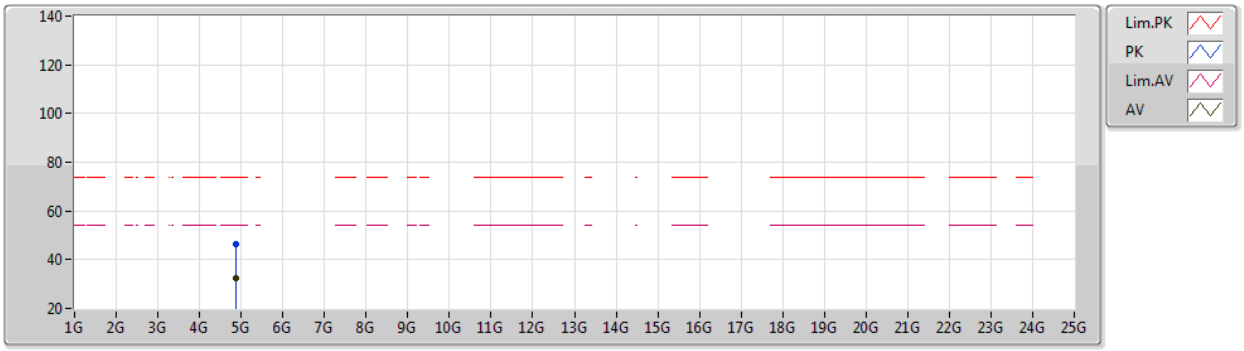
EUT Z_2TX
Setting 44
01-B-C-4

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	4.8836G	44.31	74.00	-29.69	40.67	3	Vertical	225	1.79	-	32.57	5.74	34.67
AV	4.8749G	32.05	54.00	-21.95	28.44	3	Vertical	225	1.79	-	32.55	5.74	34.68

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

13/03/2020



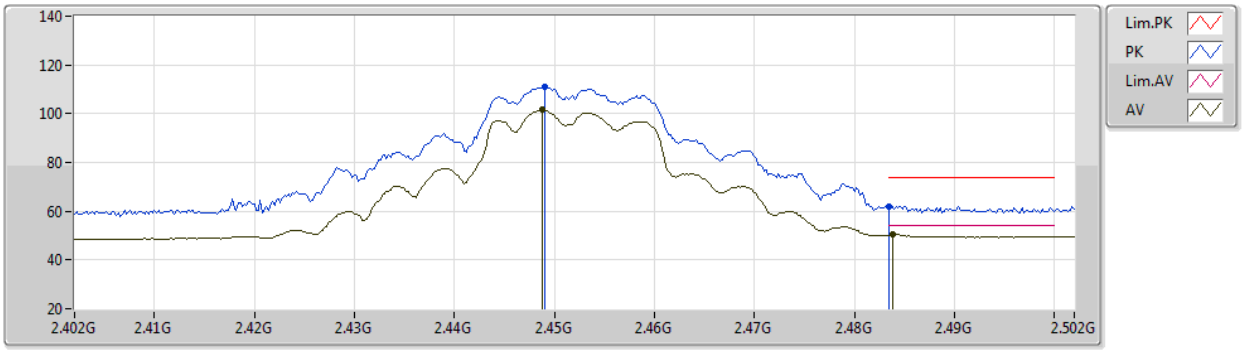
EUT Z_2TX
Setting 44
01-B-C-4

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	4.8689G	46.33	74.00	-27.67	42.74	3	Horizontal	278	2.94	-	32.54	5.73	34.68
AV	4.8757G	32.43	54.00	-21.57	28.82	3	Horizontal	278	2.94	-	32.55	5.74	34.68

802.11g_Nss1,(6Mbps)_2TX

2452MHz_TX

05/05/2020



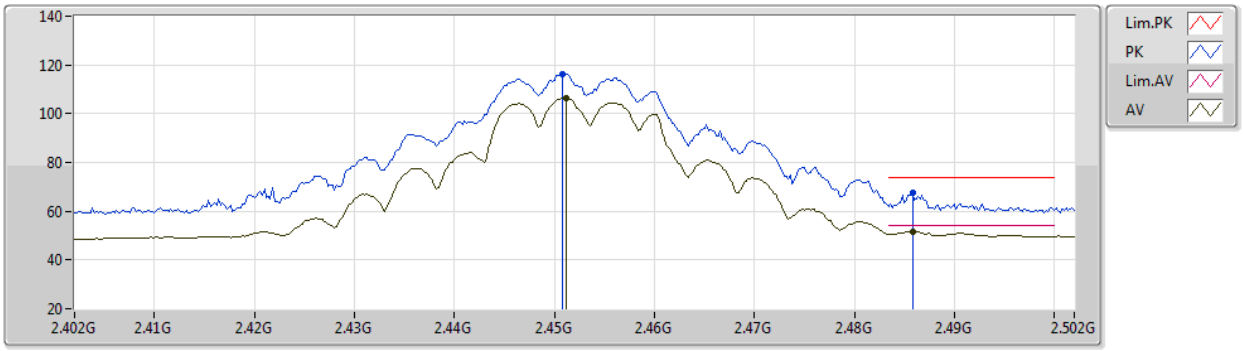
EUT Z_2TX
Setting 44
02-B-J-7

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	2.449G	110.98	Inf	-Inf	77.54	3	Vertical	178	1.28	-	29.89	3.55	-
AV	2.4488G	101.57	Inf	-Inf	68.13	3	Vertical	178	1.28	-	29.89	3.55	-
PK	2.4835G	62.13	74.00	-11.87	28.45	3	Vertical	178	1.28	-	30.10	3.58	-
AV	2.4838G	50.38	54.00	-3.62	16.70	3	Vertical	178	1.28	-	30.10	3.58	-

802.11g_Nss1,(6Mbps)_2TX

2452MHz_TX

05/05/2020



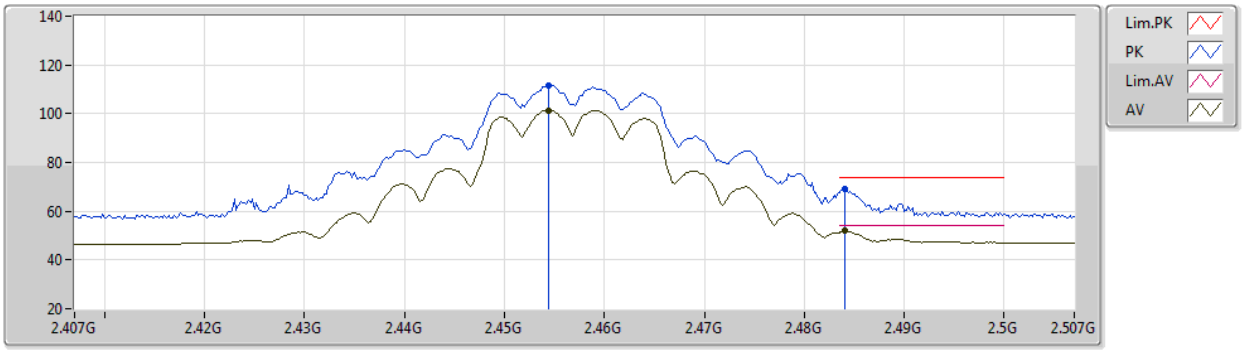
EUT Z_2TX
Setting 44
02-B-J-7

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	2.4508G	116.14	Inf	-Inf	82.69	3	Horizontal	0	1.80	-	29.90	3.55	-
AV	2.4512G	106.37	Inf	-Inf	72.91	3	Horizontal	0	1.80	-	29.91	3.55	-
PK	2.4858G	67.47	74.00	-6.53	33.77	3	Horizontal	0	1.80	-	30.11	3.59	-
AV	2.4858G	51.71	54.00	-2.29	18.01	3	Horizontal	0	1.80	-	30.11	3.59	-

802.11g_Nss1,(6Mbps)_2TX

2457MHz_TX

13/03/2020



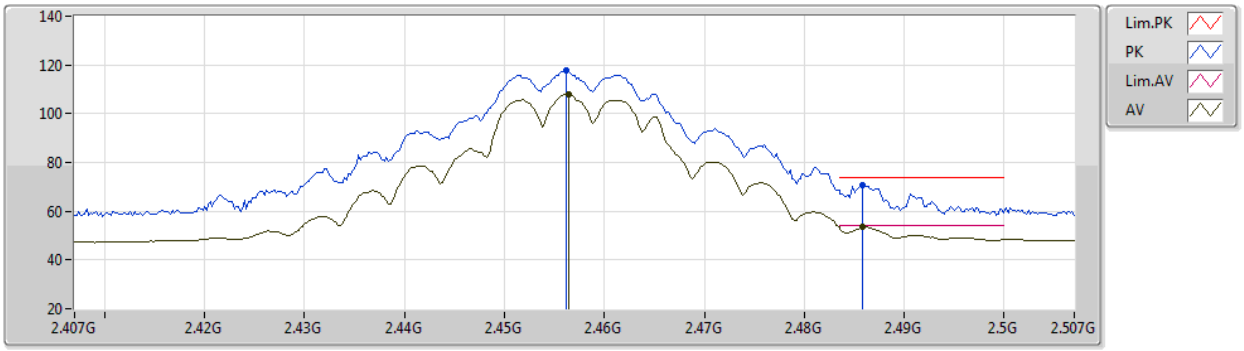
EUT Z_2TX
Setting 38
01-B-C-4

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	2.4544G	111.44	Inf	-Inf	80.49	3	Vertical	153	2.81	-	27.72	3.23	-
AV	2.4544G	101.41	Inf	-Inf	70.46	3	Vertical	153	2.81	-	27.72	3.23	-
PK	2.484G	69.16	74.00	-4.84	38.08	3	Vertical	153	2.81	-	27.84	3.24	-
AV	2.484G	51.86	54.00	-2.14	20.78	3	Vertical	153	2.81	-	27.84	3.24	-

802.11g_Nss1,(6Mbps)_2TX

2457MHz_TX

13/03/2020



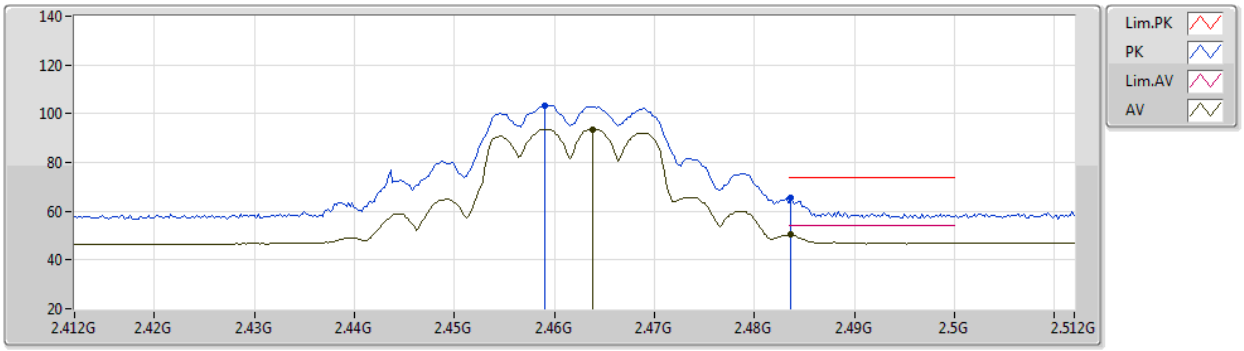
EUT Z_2TX
Setting 38
01-B-C-4

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	2.4562G	117.67	Inf	-Inf	86.72	3	Horizontal	166	1.34	-	27.72	3.23	-
AV	2.4564G	107.90	Inf	-Inf	76.94	3	Horizontal	166	1.34	-	27.73	3.23	-
PK	2.4858G	70.67	74.00	-3.33	39.59	3	Horizontal	166	1.34	-	27.84	3.24	-
AV	2.4858G	53.65	54.00	-0.35	22.57	3	Horizontal	166	1.34	-	27.84	3.24	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

13/03/2020



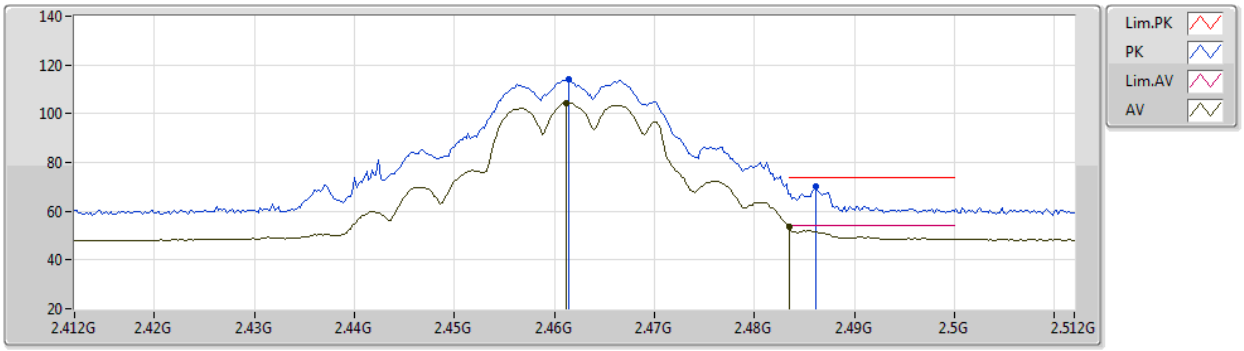
EUT Z_2TX
Setting 32
01-B-C-4

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	2.459G	103.50	Inf	-Inf	72.53	3	Vertical	181	1.80	-	27.74	3.23	-
AV	2.4638G	93.68	Inf	-Inf	62.69	3	Vertical	181	1.80	-	27.76	3.23	-
PK	2.4836G	65.57	74.00	-8.43	34.50	3	Vertical	181	1.80	-	27.83	3.24	-
AV	2.4836G	50.29	54.00	-3.71	19.22	3	Vertical	181	1.80	-	27.83	3.24	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

13/03/2020



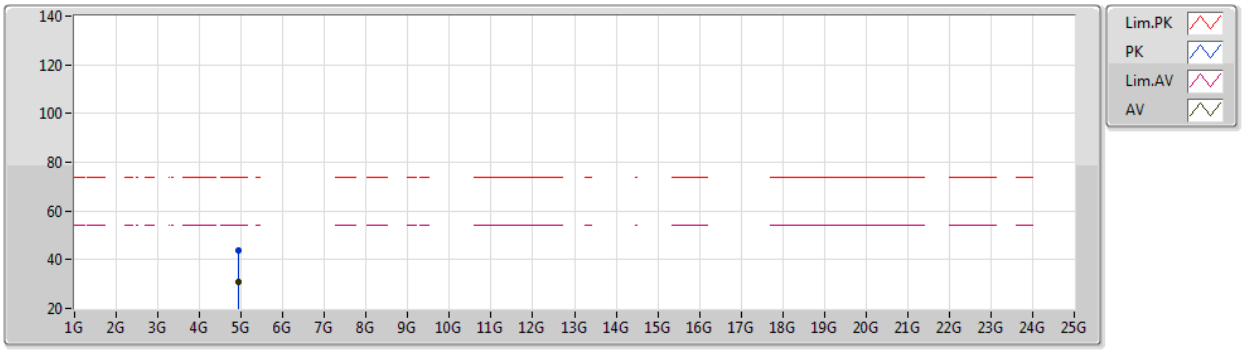
EUT Z_2TX
Setting 32
01-B-C-4

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	2.4614G	114.02	Inf	-Inf	83.04	3	Horizontal	166	1.00	-	27.75	3.23	-
AV	2.4612G	104.53	Inf	-Inf	73.56	3	Horizontal	166	1.00	-	27.74	3.23	-
PK	2.4862G	69.93	74.00	-4.07	38.85	3	Horizontal	166	1.00	-	27.84	3.24	-
AV	2.4835G	53.41	54.00	-0.59	22.34	3	Horizontal	166	1.00	-	27.83	3.24	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

13/03/2020



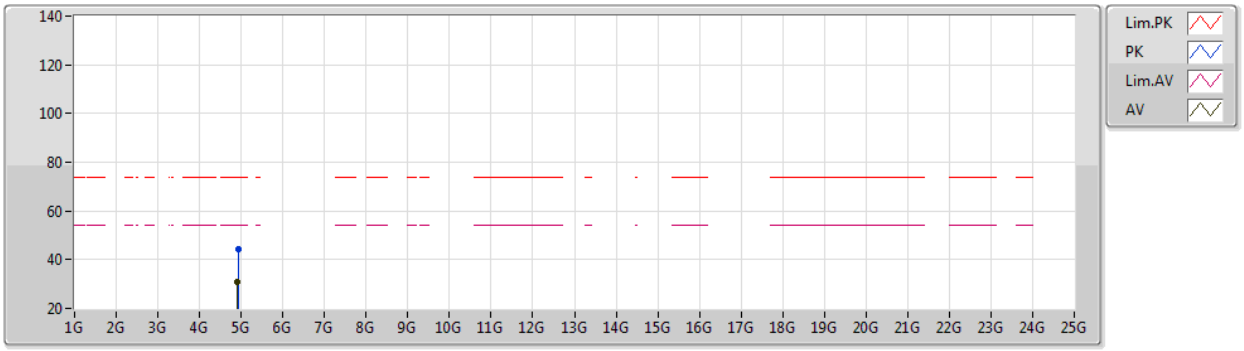
EUT Z_2TX
Setting 32
01-B-C-4

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	4.91992G	43.65	74.00	-30.35	39.87	3	Vertical	212	2.97	-	32.66	5.76	34.64
AV	4.9196G	30.95	54.00	-23.05	27.17	3	Vertical	212	2.97	-	32.66	5.76	34.64

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

13/03/2020



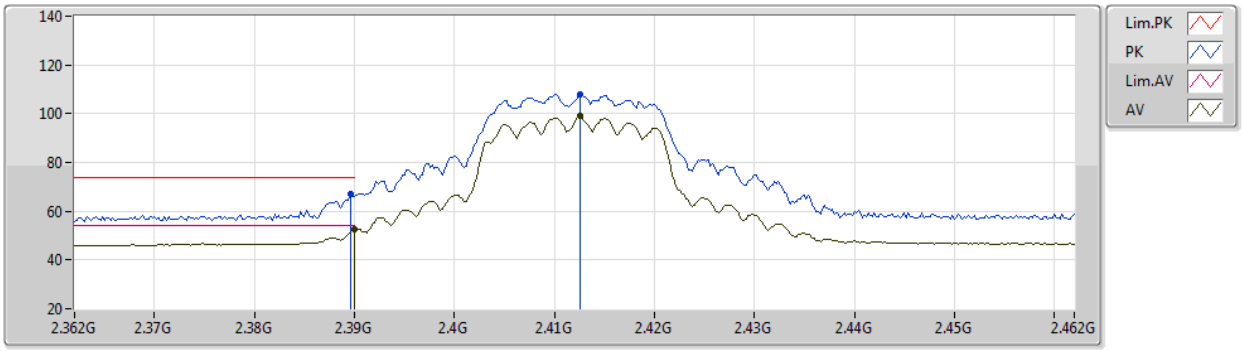
EUT Z_2TX
Setting 32
01-B-C-4

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	4.91968G	44.31	74.00	-29.69	40.53	3	Horizontal	66	2.61	-	32.66	5.76	34.64
AV	4.9192G	30.74	54.00	-23.26	26.96	3	Horizontal	66	2.61	-	32.66	5.76	34.64

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

13/03/2020



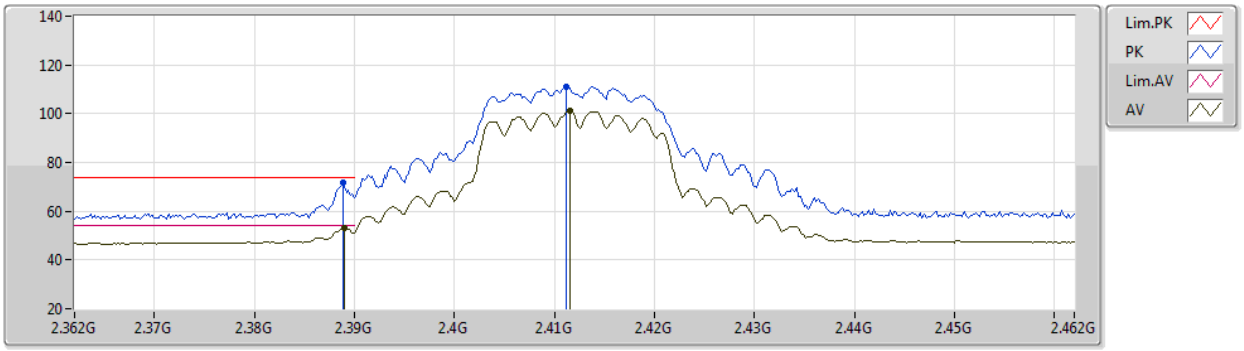
EUT Z_2TX
Setting 30
01-B-C-4

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	66.84	74.00	-7.16	36.17	3	Vertical	185	2.89	-	27.48	3.19	-
AV	2.39G	52.43	54.00	-1.57	21.75	3	Vertical	185	2.89	-	27.48	3.20	-
PK	2.4126G	108.04	Inf	-Inf	77.28	3	Vertical	185	2.89	-	27.55	3.21	-
AV	2.4126G	98.89	Inf	-Inf	68.13	3	Vertical	185	2.89	-	27.55	3.21	-

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

13/03/2020



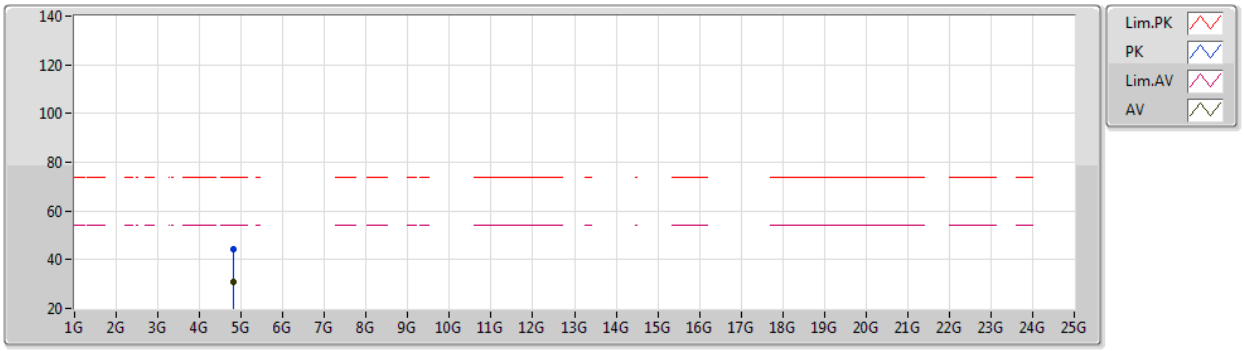
EUT Z_2TX
Setting 30
01-B-C-4

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	2.3888G	71.55	74.00	-2.45	40.88	3	Horizontal	356	2.81	-	27.48	3.19	-
AV	2.389G	53.08	54.00	-0.92	22.41	3	Horizontal	356	2.81	-	27.48	3.19	-
PK	2.4112G	111.03	Inf	-Inf	80.28	3	Horizontal	356	2.81	-	27.54	3.21	-
AV	2.4116G	101.40	Inf	-Inf	70.64	3	Horizontal	356	2.81	-	27.55	3.21	-

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

13/03/2020



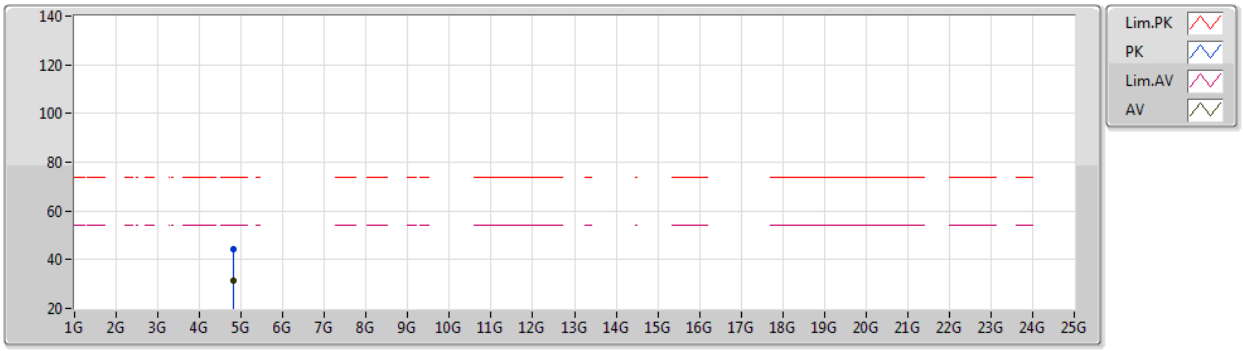
EUT Z_2TX
Setting 30
01-B-C-4

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	4.825G	44.37	74.00	-29.63	40.93	3	Vertical	112	2.79	-	32.45	5.71	34.72
AV	4.82022G	30.95	54.00	-23.05	27.52	3	Vertical	112	2.79	-	32.44	5.71	34.72

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

13/03/2020



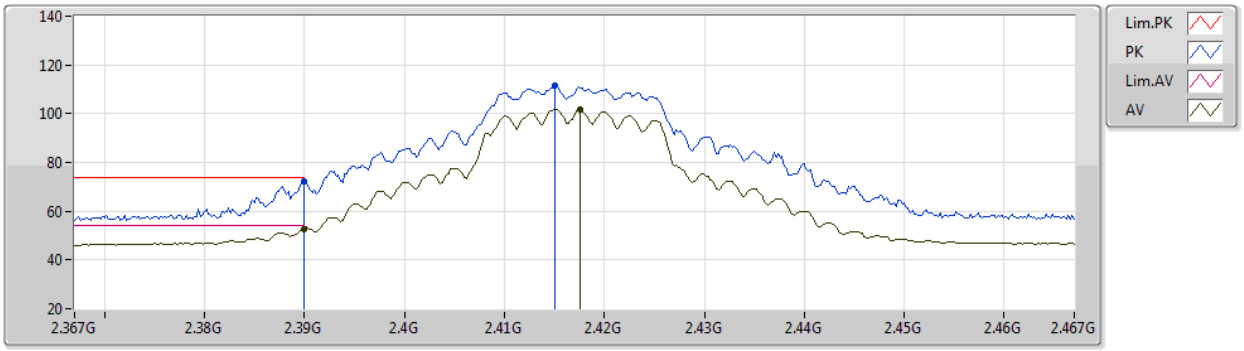
EUT Z_2TX
Setting 30
01-B-C-4

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	4.82452G	44.32	74.00	-29.68	40.88	3	Horizontal	143	1.32	-	32.45	5.71	34.72
AV	4.82196G	31.23	54.00	-22.77	27.80	3	Horizontal	143	1.32	-	32.44	5.71	34.72

802.11n HT20_Nss1,(MCS0)_2TX

2417MHz_TX

13/03/2020



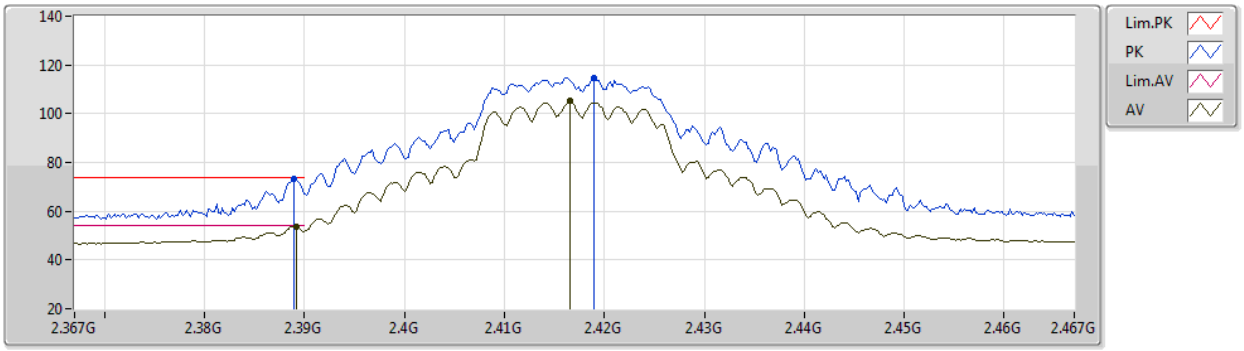
EUT Z_2TX
Setting 38
01-B-C-4

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	72.30	74.00	-1.70	41.62	3	Vertical	185	2.90	-	27.48	3.20	-
AV	2.39G	52.83	54.00	-1.17	22.15	3	Vertical	185	2.90	-	27.48	3.20	-
PK	2.415G	111.77	Inf	-Inf	81.00	3	Vertical	185	2.90	-	27.56	3.21	-
AV	2.4176G	101.94	Inf	-Inf	71.16	3	Vertical	185	2.90	-	27.57	3.21	-

802.11n HT20_Nss1,(MCS0)_2TX

2417MHz_TX

13/03/2020



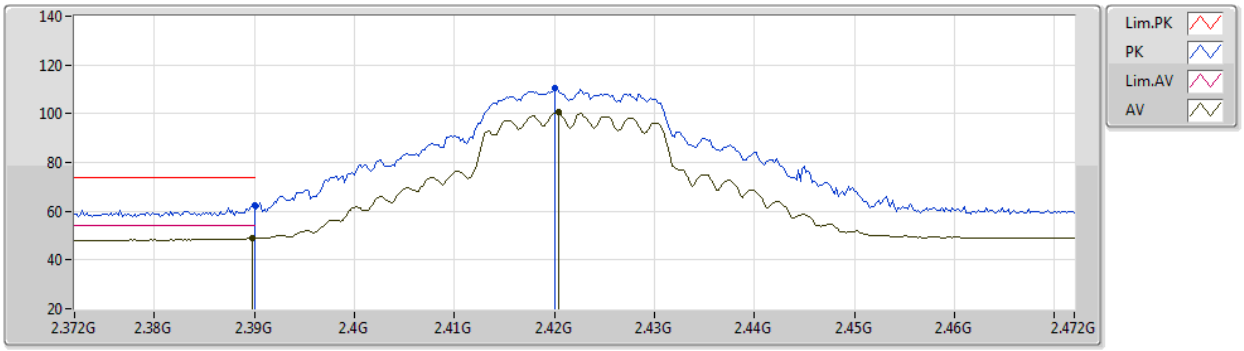
EUT Z_2TX
Setting 38
01-B-C-4

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	73.31	74.00	-0.69	42.64	3	Horizontal	359	2.00	-	27.48	3.19	-
AV	2.3892G	53.71	54.00	-0.29	23.04	3	Horizontal	359	2.00	-	27.48	3.19	-
PK	2.419G	114.84	Inf	-Inf	84.05	3	Horizontal	359	2.00	-	27.58	3.21	-
AV	2.4166G	105.11	Inf	-Inf	74.33	3	Horizontal	359	2.00	-	27.57	3.21	-

802.11n HT20_Nss1,(MCS0)_2TX

2422MHz_TX

05/05/2020



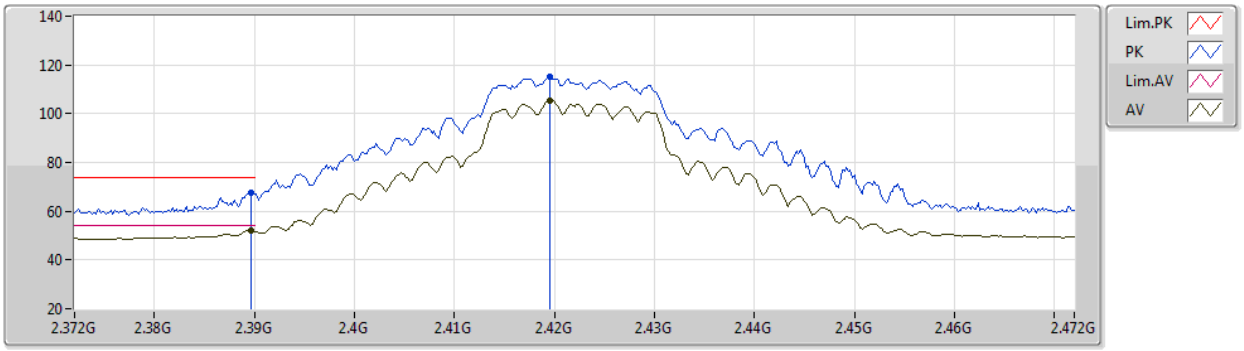
EUT Z_2TX
Setting 44
02-B-J-7

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	62.43	74.00	-11.57	29.36	3	Vertical	168	2.56	-	29.57	3.50	-
AV	2.3898G	49.08	54.00	-4.92	16.01	3	Vertical	168	2.56	-	29.57	3.50	-
PK	2.42G	110.39	Inf	-Inf	77.15	3	Vertical	168	2.56	-	29.72	3.52	-
AV	2.4204G	100.66	Inf	-Inf	67.42	3	Vertical	168	2.56	-	29.72	3.52	-

802.11n HT20_Nss1,(MCS0)_2TX

2422MHz_TX

05/05/2020



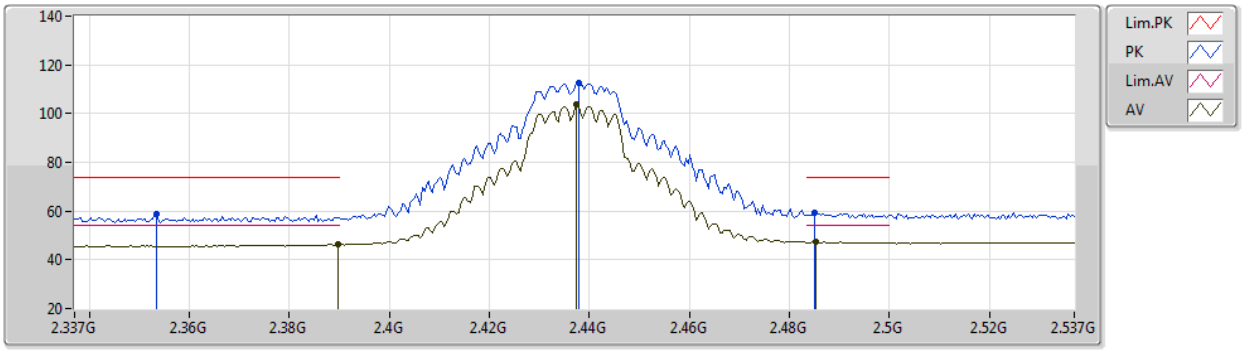
EUT Z_2TX
Setting 44
02-B-J-7

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	67.46	74.00	-6.54	34.39	3	Horizontal	246	2.10	-	29.57	3.50	-
AV	2.3896G	52.11	54.00	-1.89	19.04	3	Horizontal	246	2.10	-	29.57	3.50	-
PK	2.4196G	115.36	Inf	-Inf	82.12	3	Horizontal	246	2.10	-	29.72	3.52	-
AV	2.4196G	105.29	Inf	-Inf	72.05	3	Horizontal	246	2.10	-	29.72	3.52	-

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

13/03/2020



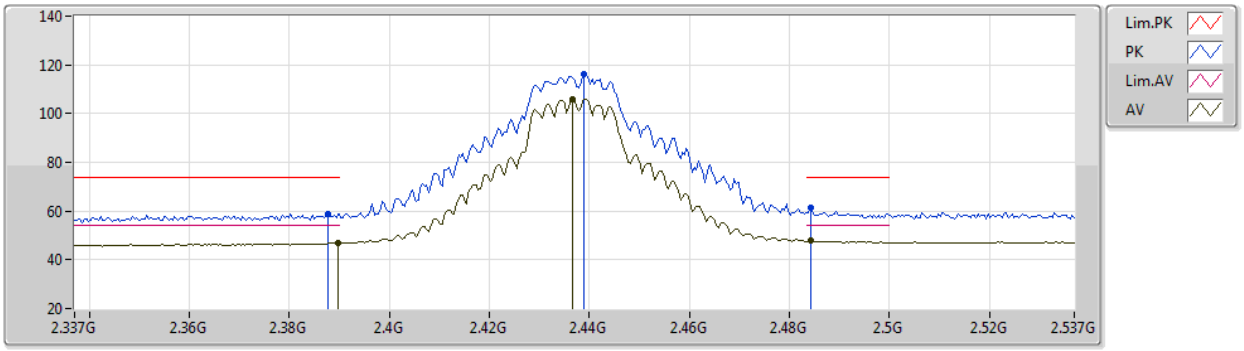
EUT Z_2TX
Setting 44
01-B-E-2

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	2.3534G	58.56	74.00	-15.44	27.97	3	Vertical	186	2.82	-	27.41	3.18	-
AV	2.3898G	46.27	54.00	-7.73	15.60	3	Vertical	186	2.82	-	27.48	3.19	-
PK	2.4378G	112.69	Inf	-Inf	81.82	3	Vertical	186	2.82	-	27.65	3.22	-
AV	2.4374G	103.61	Inf	-Inf	72.74	3	Vertical	186	2.82	-	27.65	3.22	-
PK	2.485G	59.26	74.00	-14.74	28.18	3	Vertical	186	2.82	-	27.84	3.24	-
AV	2.4854G	47.42	54.00	-6.58	16.34	3	Vertical	186	2.82	-	27.84	3.24	-

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

13/03/2020



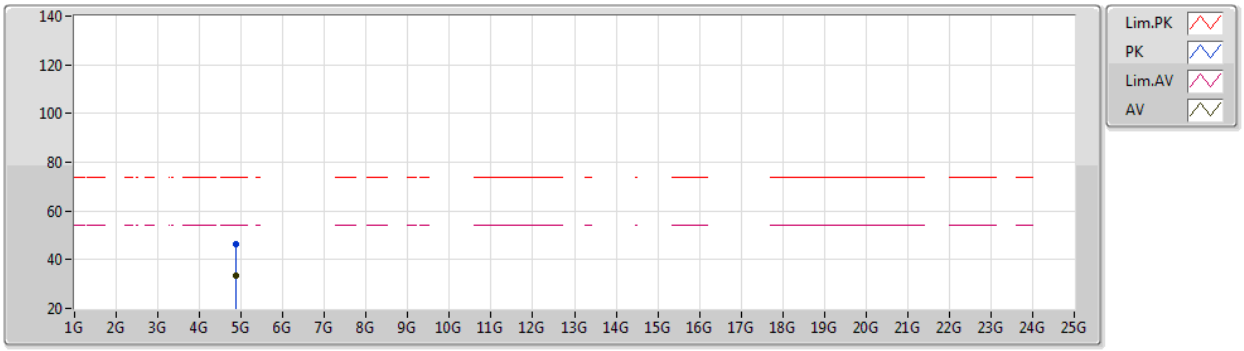
EUT Z_2TX
Setting 44
01-B-E-2

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	2.3878G	58.72	74.00	-15.28	28.05	3	Horizontal	13	1.75	-	27.48	3.19	-
AV	2.3898G	46.87	54.00	-7.13	16.20	3	Horizontal	13	1.75	-	27.48	3.19	-
PK	2.439G	116.45	Inf	-Inf	85.57	3	Horizontal	13	1.75	-	27.66	3.22	-
AV	2.4366G	105.89	Inf	-Inf	75.02	3	Horizontal	13	1.75	-	27.65	3.22	-
PK	2.4842G	61.45	74.00	-12.55	30.37	3	Horizontal	13	1.75	-	27.84	3.24	-
AV	2.4842G	48.04	54.00	-5.96	16.96	3	Horizontal	13	1.75	-	27.84	3.24	-

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

13/03/2020



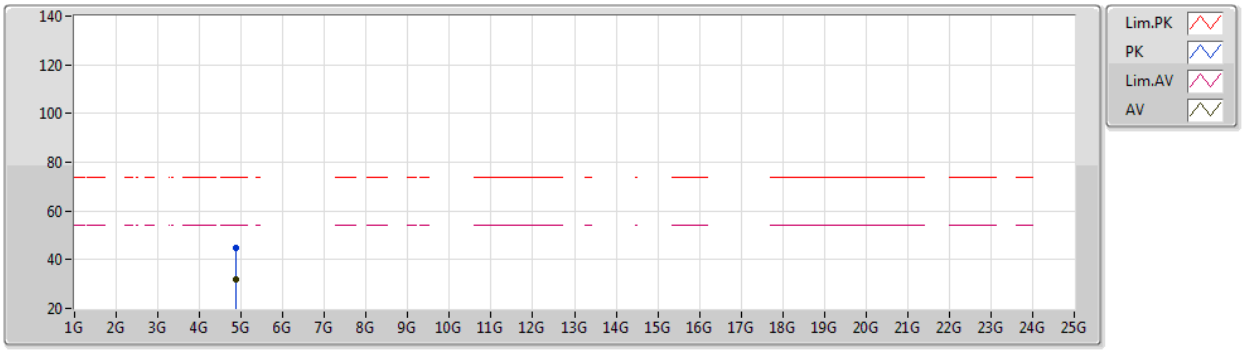
EUT Z_2TX
Setting 44
01-B-E-2

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	4.86494G	46.23	74.00	-27.77	42.66	3	Vertical	314	1.97	-	32.53	5.73	34.69
AV	4.877G	33.65	54.00	-20.35	30.04	3	Vertical	314	1.97	-	32.55	5.74	34.68

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

13/03/2020



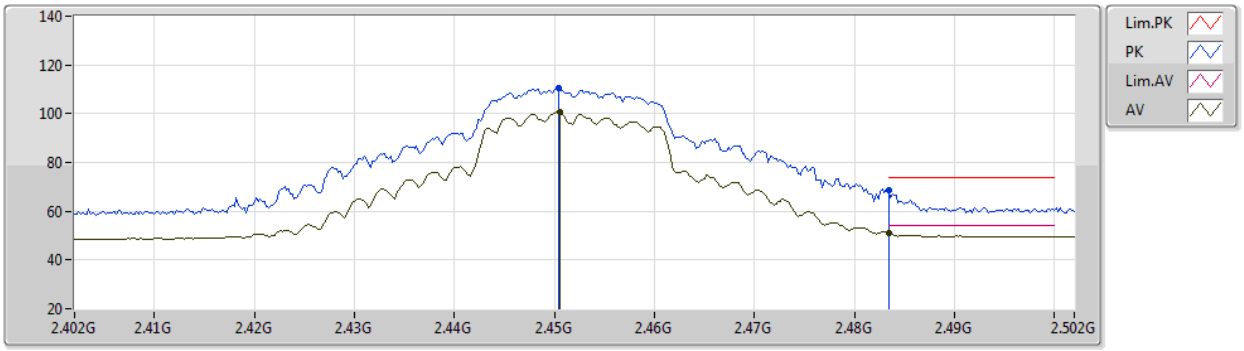
EUT Z_2TX
Setting 44
01-B-E-2

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	4.88366G	44.69	74.00	-29.31	41.05	3	Horizontal	94	1.94	-	32.57	5.74	34.67
AV	4.86458G	32.06	54.00	-21.94	28.49	3	Horizontal	94	1.94	-	32.53	5.73	34.69

802.11n HT20_Nss1,(MCS0)_2TX

2452MHz_TX

05/05/2020



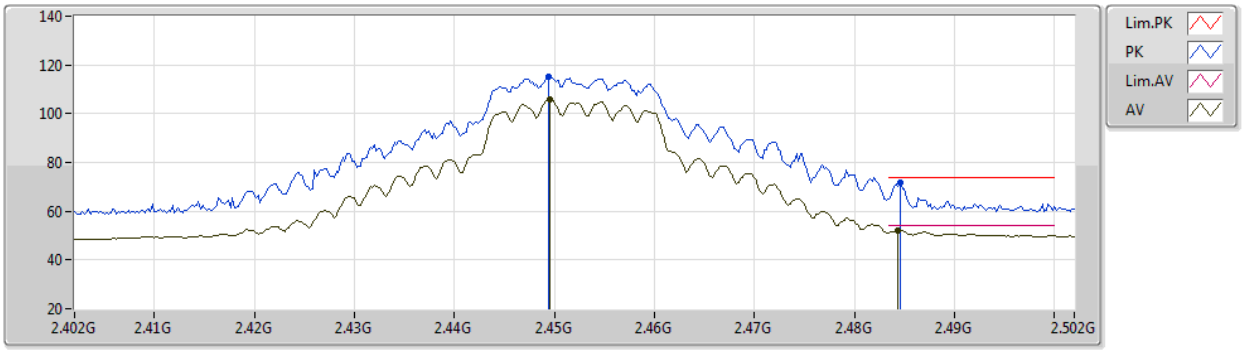
EUT Z_2TX
Setting 44
02-B-J-7

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	2.4504G	110.44	Inf	-Inf	76.99	3	Vertical	177	1.27	-	29.90	3.55	-
AV	2.4506G	100.51	Inf	-Inf	67.06	3	Vertical	177	1.27	-	29.90	3.55	-
PK	2.4835G	68.45	74.00	-5.55	34.77	3	Vertical	177	1.27	-	30.10	3.58	-
AV	2.4835G	51.08	54.00	-2.92	17.40	3	Vertical	177	1.27	-	30.10	3.58	-

802.11n HT20_Nss1,(MCS0)_2TX

2452MHz_TX

05/05/2020



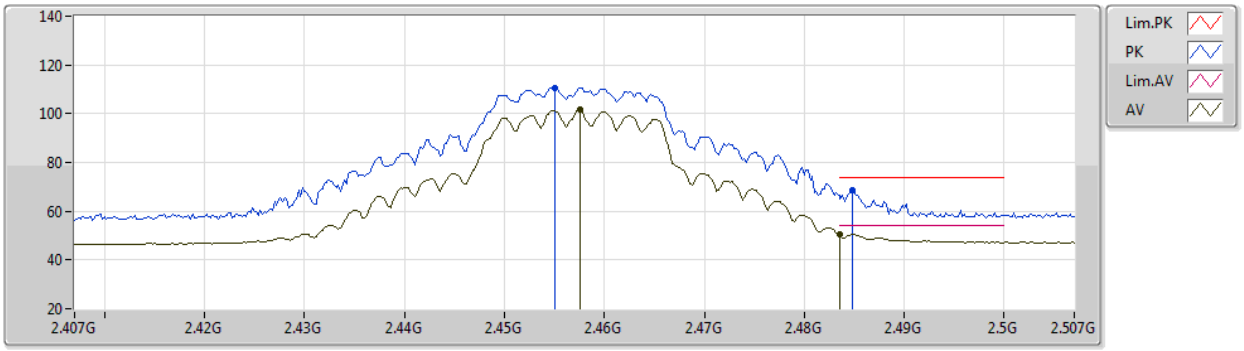
EUT Z_2TX
Setting 44
02-B-J-7

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	2.4494G	115.10	Inf	-Inf	81.65	3	Horizontal	24	1.80	-	29.90	3.55	-
AV	2.4496G	105.67	Inf	-Inf	72.22	3	Horizontal	24	1.80	-	29.90	3.55	-
PK	2.4846G	71.59	74.00	-2.41	37.90	3	Horizontal	24	1.80	-	30.11	3.58	-
AV	2.4844G	52.19	54.00	-1.81	18.50	3	Horizontal	24	1.80	-	30.11	3.58	-

802.11n HT20_Nss1,(MCS0)_2TX

2457MHz_TX

13/03/2020



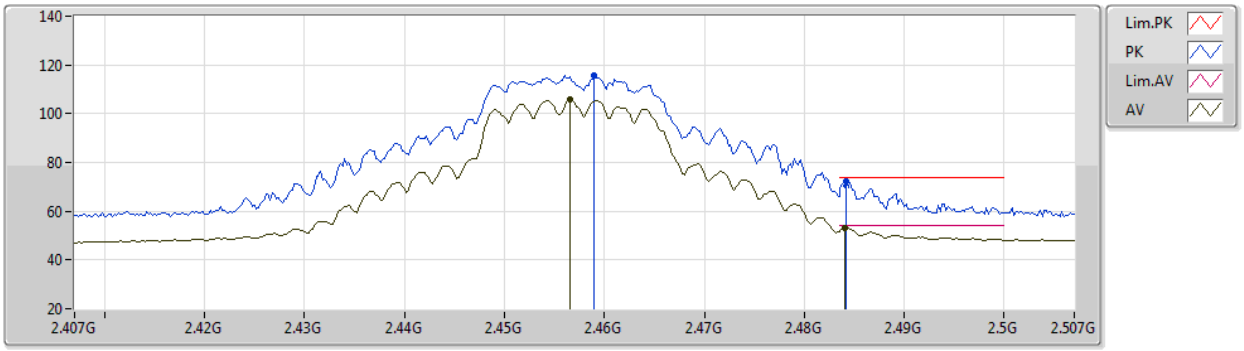
EUT Z_2TX
Setting 36
01-B-E-2

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	2.455G	110.71	Inf	-Inf	79.76	3	Vertical	187	2.77	-	27.72	3.23	-
AV	2.4576G	101.60	Inf	-Inf	70.64	3	Vertical	187	2.77	-	27.73	3.23	-
PK	2.4848G	68.47	74.00	-5.53	37.39	3	Vertical	187	2.77	-	27.84	3.24	-
AV	2.4835G	50.54	54.00	-3.46	19.47	3	Vertical	187	2.77	-	27.83	3.24	-

802.11n HT20_Nss1,(MCS0)_2TX

2457MHz_TX

13/03/2020



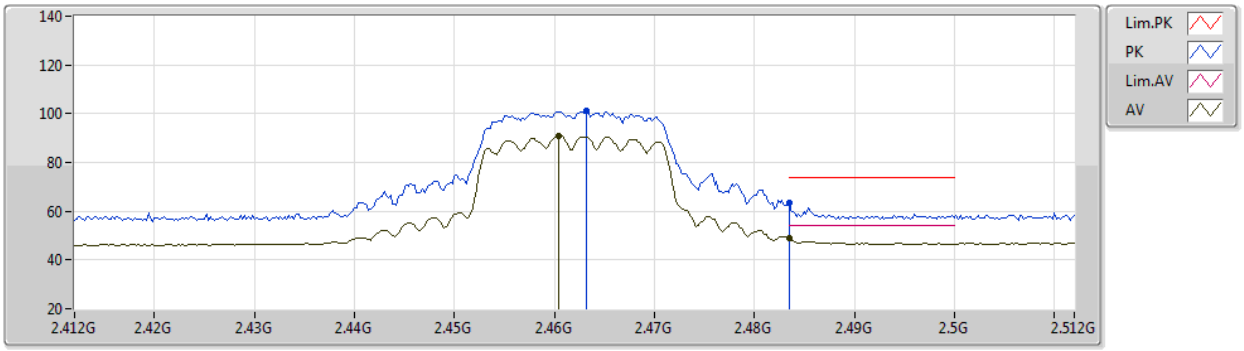
EUT Z_2TX
Setting 36
01-B-E-2

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	2.459G	115.59	Inf	-Inf	84.62	3	Horizontal	166	1.35	-	27.74	3.23	-
AV	2.4566G	105.77	Inf	-Inf	74.81	3	Horizontal	166	1.35	-	27.73	3.23	-
PK	2.4842G	72.10	74.00	-1.90	41.02	3	Horizontal	166	1.35	-	27.84	3.24	-
AV	2.484G	52.90	54.00	-1.10	21.82	3	Horizontal	166	1.35	-	27.84	3.24	-

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

13/03/2020



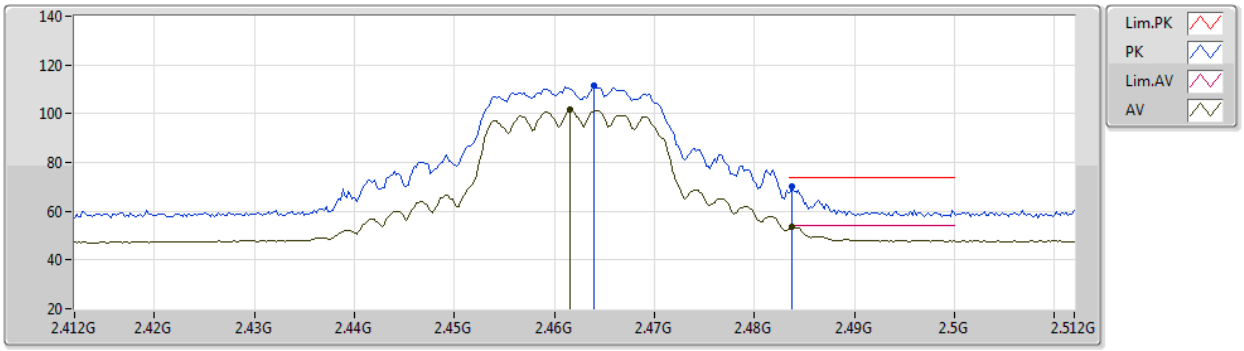
EUT Z_2TX
Setting 28
01-B-E-2

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	2.4632G	100.99	Inf	-Inf	70.01	3	Vertical	179	1.80	-	27.75	3.23	-
AV	2.4604G	91.10	Inf	-Inf	60.13	3	Vertical	179	1.80	-	27.74	3.23	-
PK	2.4835G	63.35	74.00	-10.65	32.28	3	Vertical	179	1.80	-	27.83	3.24	-
AV	2.4835G	48.90	54.00	-5.10	17.83	3	Vertical	179	1.80	-	27.83	3.24	-

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

13/03/2020



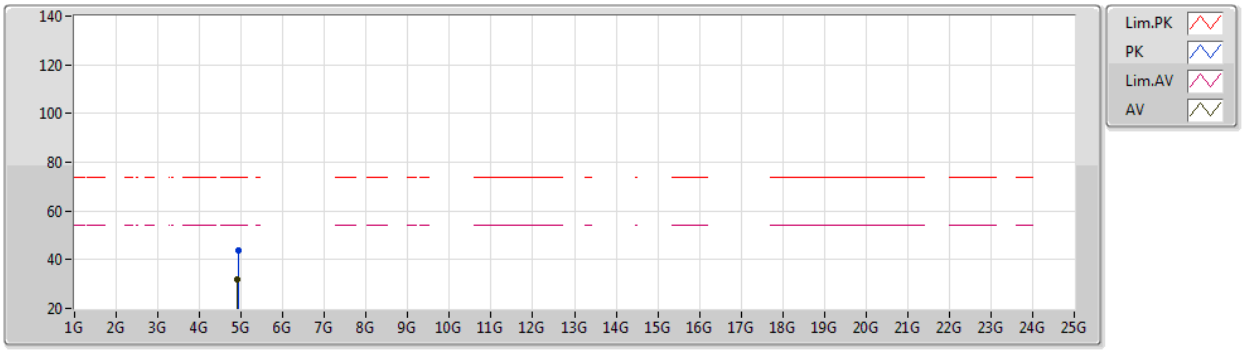
EUT Z_2TX
Setting 28
01-B-E-2

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	2.464G	111.48	Inf	-Inf	80.49	3	Horizontal	167	1.00	-	27.76	3.23	-
AV	2.4616G	101.49	Inf	-Inf	70.51	3	Horizontal	167	1.00	-	27.75	3.23	-
PK	2.4838G	70.09	74.00	-3.91	39.01	3	Horizontal	167	1.00	-	27.84	3.24	-
AV	2.4838G	53.55	54.00	-0.45	22.47	3	Horizontal	167	1.00	-	27.84	3.24	-

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

13/03/2020



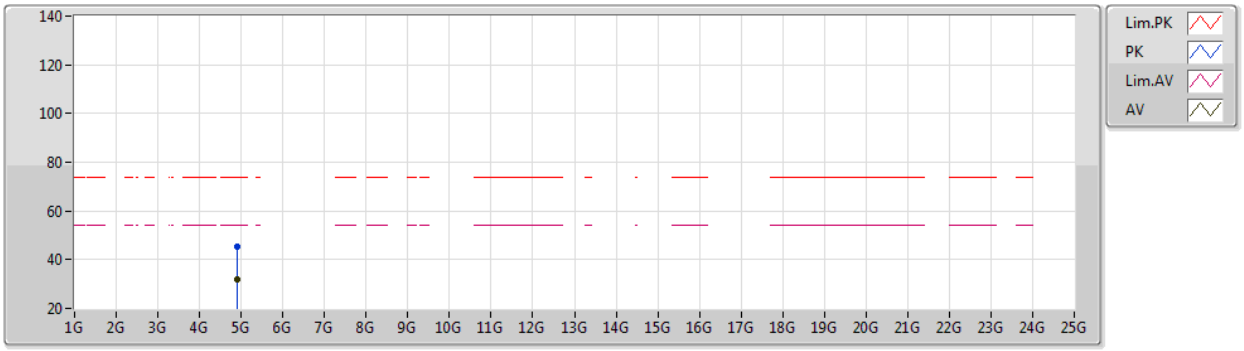
EUT Z_2TX
Setting 28
01-B-E-2

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	4.91932G	44.01	74.00	-29.99	40.23	3	Vertical	188	2.97	-	32.66	5.76	34.64
AV	4.9111G	31.76	54.00	-22.24	28.02	3	Vertical	188	2.97	-	32.63	5.76	34.65

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

13/03/2020



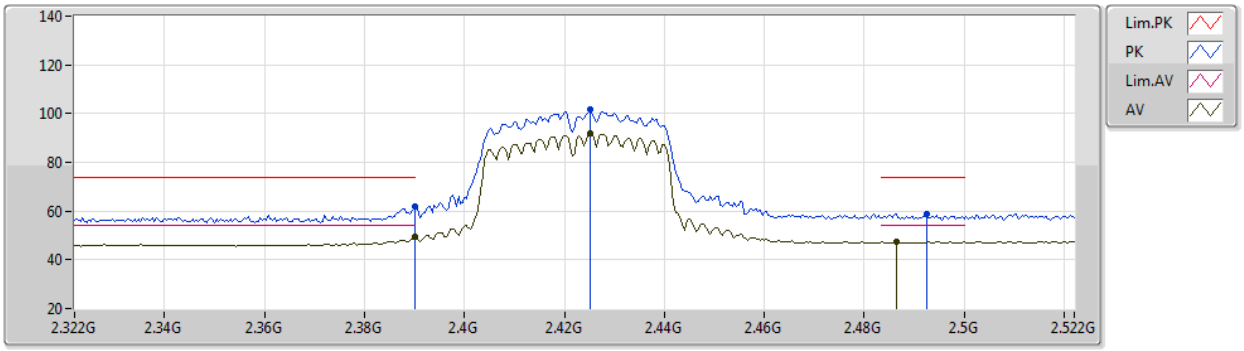
EUT Z_2TX
Setting 28
01-B-E-2

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	4.90978G	45.19	74.00	-28.81	41.46	3	Horizontal	322	2.98	-	32.63	5.75	34.65
AV	4.9099G	31.77	54.00	-22.23	28.04	3	Horizontal	322	2.98	-	32.63	5.75	34.65

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

13/03/2020



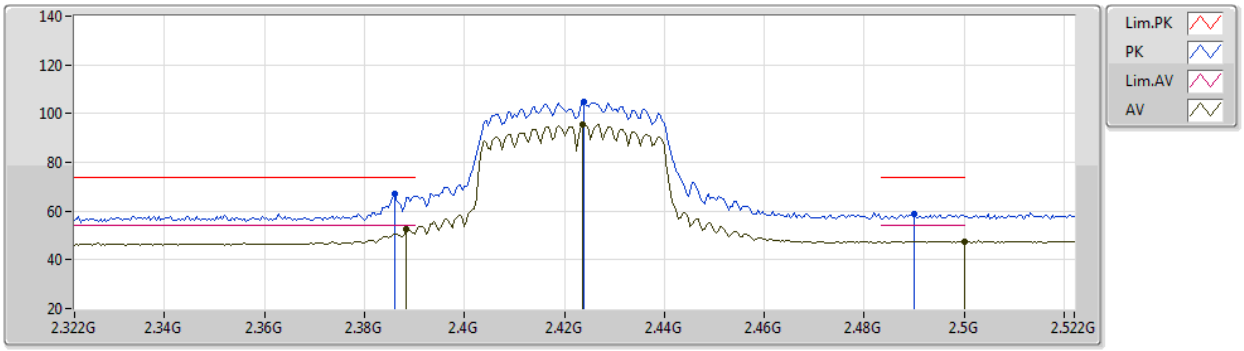
EUT Z_2TX
Setting 23
01-B-E-2

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	2.39G	62.05	74.00	-11.95	31.37	3	Vertical	182	2.81	-	27.48	3.20	-
AV	2.39G	49.37	54.00	-4.63	18.69	3	Vertical	182	2.81	-	27.48	3.20	-
PK	2.4252G	101.68	Inf	-Inf	70.87	3	Vertical	182	2.81	-	27.60	3.21	-
AV	2.4252G	92.14	Inf	-Inf	61.33	3	Vertical	182	2.81	-	27.60	3.21	-
PK	2.4924G	58.66	74.00	-15.34	27.54	3	Vertical	182	2.81	-	27.87	3.25	-
AV	2.4864G	47.37	54.00	-6.63	16.28	3	Vertical	182	2.81	-	27.85	3.24	-

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

13/03/2020



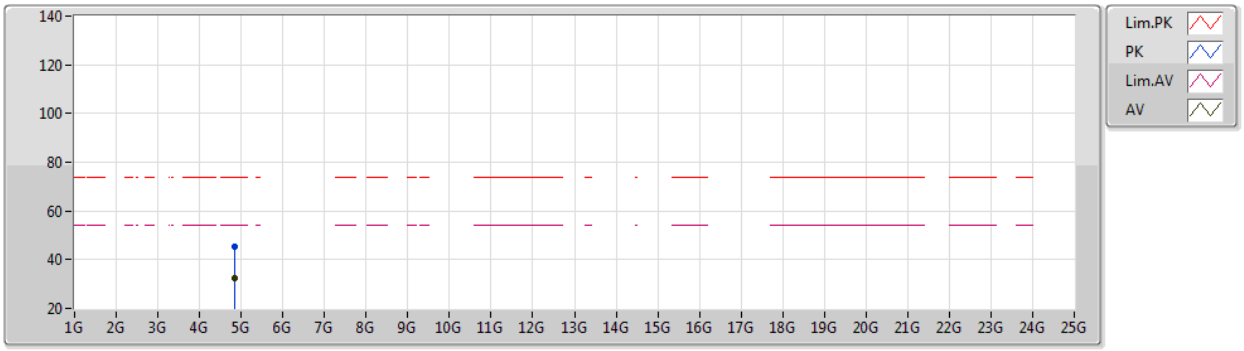
EUT Z_2TX
Setting 23
01-B-E-2

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	2.386G	66.99	74.00	-7.01	36.33	3	Horizontal	356	1.74	-	27.47	3.19	-
AV	2.3884G	52.38	54.00	-1.62	21.71	3	Horizontal	356	1.74	-	27.48	3.19	-
PK	2.424G	105.04	Inf	-Inf	74.23	3	Horizontal	356	1.74	-	27.60	3.21	-
AV	2.4236G	95.69	Inf	-Inf	64.89	3	Horizontal	356	1.74	-	27.59	3.21	-
PK	2.49G	58.82	74.00	-15.18	27.71	3	Horizontal	356	1.74	-	27.86	3.25	-
AV	2.5G	47.65	54.00	-6.35	16.50	3	Horizontal	356	1.74	-	27.90	3.25	-

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

13/03/2020



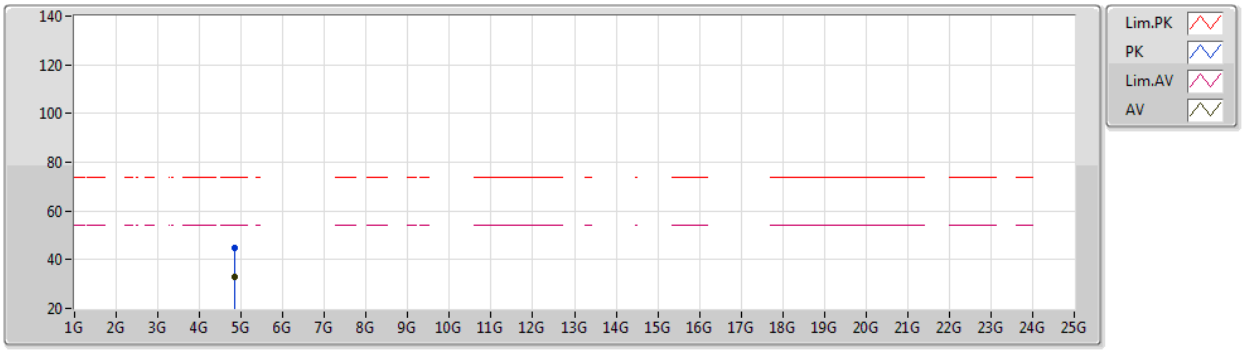
EUT Z_2TX
Setting 23
01-B-E-2

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	4.85402G	45.58	74.00	-28.42	42.04	3	Vertical	208	2.56	-	32.51	5.73	34.70
AV	4.85732G	32.62	54.00	-21.38	29.07	3	Vertical	208	2.56	-	32.51	5.73	34.69

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

13/03/2020



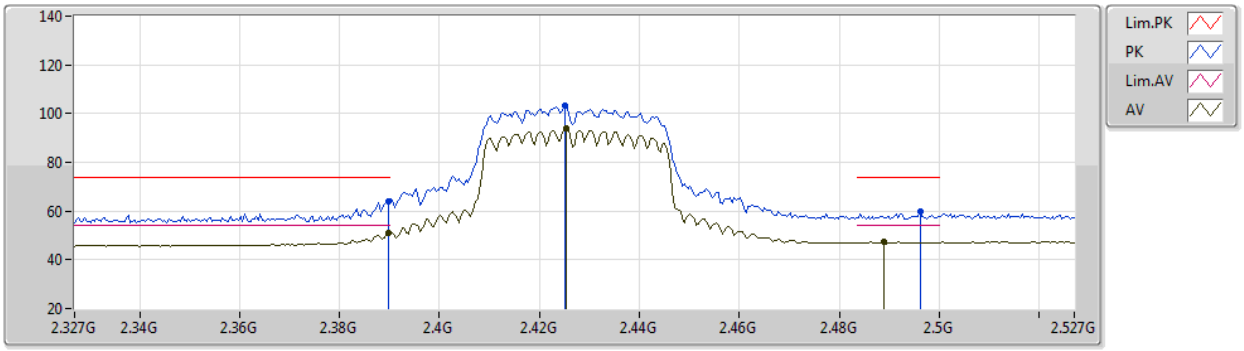
EUT Z_2TX
Setting 23
01-B-E-2

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	4.84346G	44.72	74.00	-29.28	41.22	3	Horizontal	79	1.29	-	32.49	5.72	34.71
AV	4.85186G	32.99	54.00	-21.01	29.46	3	Horizontal	79	1.29	-	32.50	5.73	34.70

802.11n HT40_Nss1,(MCS0)_2TX

2427MHz_TX

13/03/2020



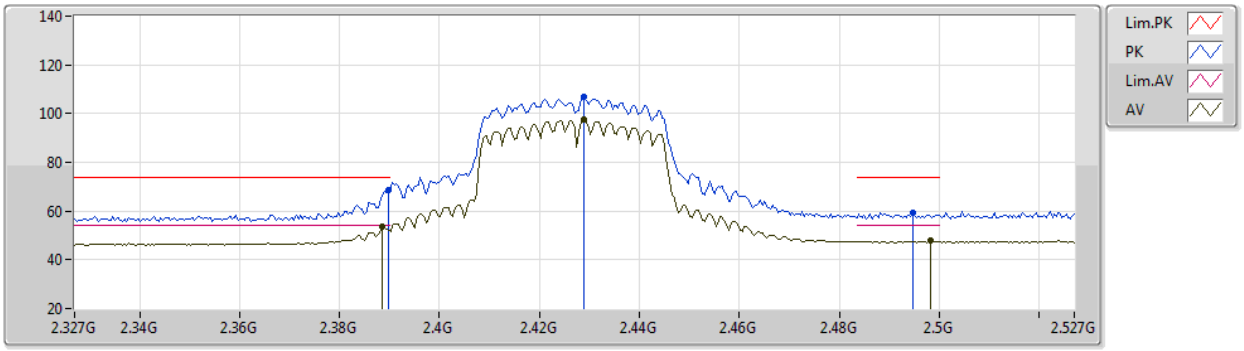
EUT Z_2TX
Setting 27
01-B-E-2

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	2.3898G	64.19	74.00	-9.81	33.52	3	Vertical	181	2.88	-	27.48	3.19	-
AV	2.3898G	50.97	54.00	-3.03	20.30	3	Vertical	181	2.88	-	27.48	3.19	-
PK	2.425G	103.46	Inf	-Inf	72.65	3	Vertical	181	2.88	-	27.60	3.21	-
AV	2.4254G	93.81	Inf	-Inf	63.00	3	Vertical	181	2.88	-	27.60	3.21	-
PK	2.4962G	59.91	74.00	-14.09	28.78	3	Vertical	181	2.88	-	27.88	3.25	-
AV	2.489G	47.39	54.00	-6.61	16.29	3	Vertical	181	2.88	-	27.86	3.24	-

802.11n HT40_Nss1,(MCS0)_2TX

2427MHz_TX

13/03/2020



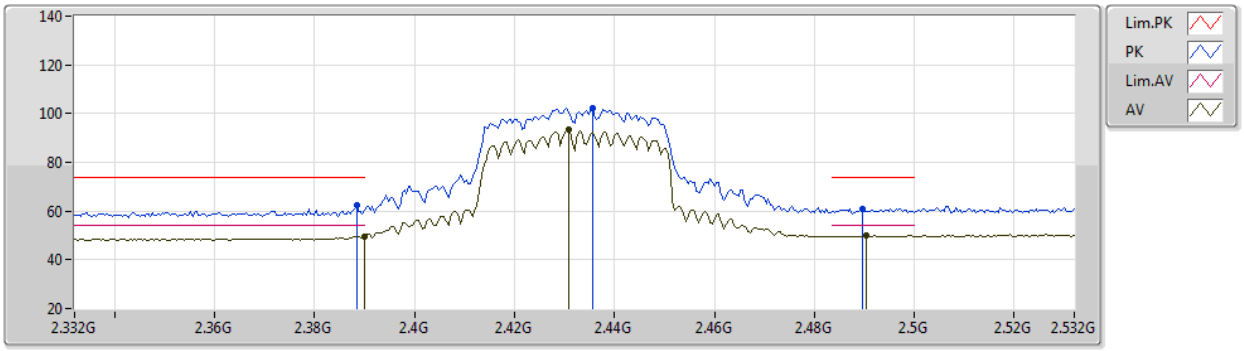
EUT Z_2TX
Setting 27
01-B-E-2

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	2.3898G	68.64	74.00	-5.36	37.97	3	Horizontal	356	1.75	-	27.48	3.19	-
AV	2.3886G	53.68	54.00	-0.32	23.01	3	Horizontal	356	1.75	-	27.48	3.19	-
PK	2.429G	106.80	Inf	-Inf	75.97	3	Horizontal	356	1.75	-	27.62	3.21	-
AV	2.429G	97.68	Inf	-Inf	66.85	3	Horizontal	356	1.75	-	27.62	3.21	-
PK	2.4946G	59.52	74.00	-14.48	28.39	3	Horizontal	356	1.75	-	27.88	3.25	-
AV	2.4982G	47.69	54.00	-6.31	16.55	3	Horizontal	356	1.75	-	27.89	3.25	-

802.11n HT40_Nss1,(MCS0)_2TX

2432MHz_TX

05/05/2020



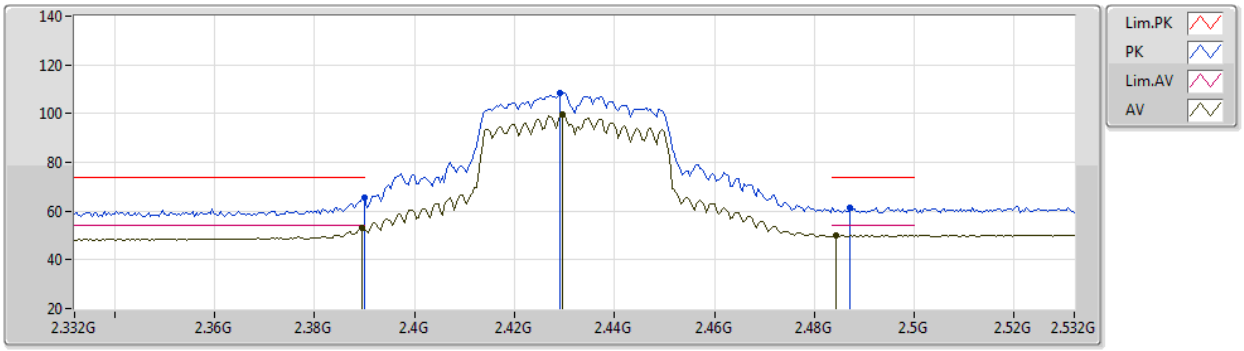
EUT Z_2TX
Setting 30
02-B-J-7

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	62.46	74.00	-11.54	29.39	3	Vertical	180	1.24	-	29.57	3.50	-
AV	2.39G	49.72	54.00	-4.28	16.65	3	Vertical	180	1.24	-	29.57	3.50	-
PK	2.4356G	102.14	Inf	-Inf	68.79	3	Vertical	180	1.24	-	29.81	3.54	-
AV	2.4308G	93.65	Inf	-Inf	60.34	3	Vertical	180	1.24	-	29.78	3.53	-
PK	2.4896G	60.93	74.00	-13.07	27.20	3	Vertical	180	1.24	-	30.14	3.59	-
AV	2.4904G	50.03	54.00	-3.97	16.30	3	Vertical	180	1.24	-	30.14	3.59	-

802.11n HT40_Nss1,(MCS0)_2TX

2432MHz_TX

05/05/2020



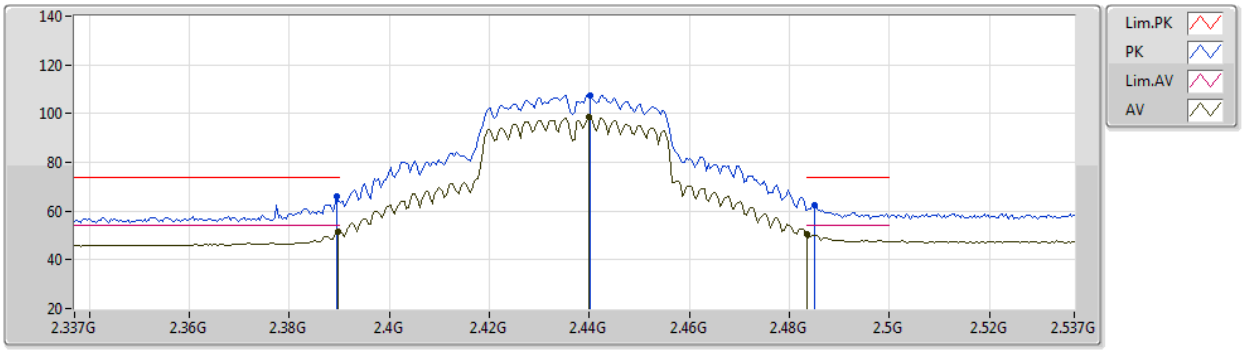
EUT Z_2TX
Setting 30
02-B-J-7

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	65.68	74.00	-8.32	32.61	3	Horizontal	240	2.32	-	29.57	3.50	-
AV	2.3896G	53.21	54.00	-0.79	20.14	3	Horizontal	240	2.32	-	29.57	3.50	-
PK	2.4292G	108.60	Inf	-Inf	75.29	3	Horizontal	240	2.32	-	29.78	3.53	-
AV	2.4296G	99.60	Inf	-Inf	66.29	3	Horizontal	240	2.32	-	29.78	3.53	-
PK	2.4872G	61.52	74.00	-12.48	27.81	3	Horizontal	240	2.32	-	30.12	3.59	-
AV	2.4844G	50.05	54.00	-3.95	16.36	3	Horizontal	240	2.32	-	30.11	3.58	-

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

13/03/2020



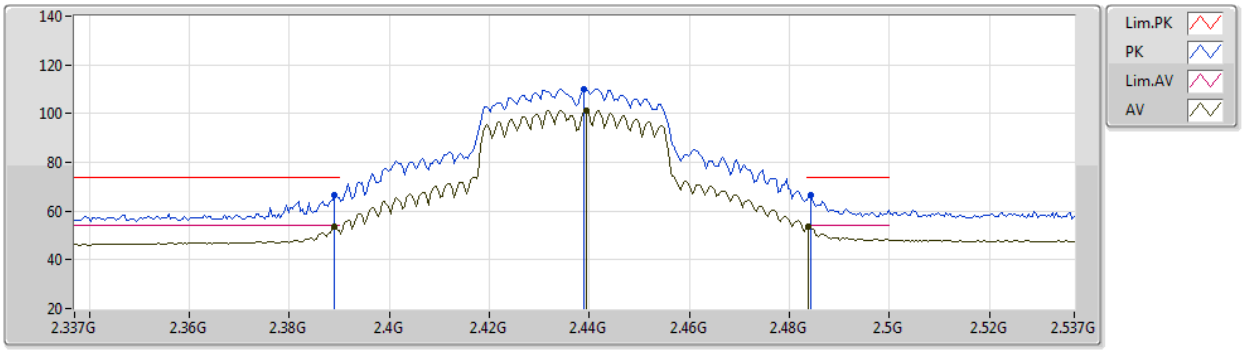
EUT Z_2TX
Setting 34
01-B-E-2

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	65.86	74.00	-8.14	35.19	3	Vertical	187	2.85	-	27.48	3.19	-
AV	2.3898G	51.30	54.00	-2.70	20.63	3	Vertical	187	2.85	-	27.48	3.19	-
PK	2.4402G	107.66	Inf	-Inf	76.78	3	Vertical	187	2.85	-	27.66	3.22	-
AV	2.4398G	98.45	Inf	-Inf	67.57	3	Vertical	187	2.85	-	27.66	3.22	-
PK	2.485G	62.61	74.00	-11.39	31.53	3	Vertical	187	2.85	-	27.84	3.24	-
AV	2.4835G	50.58	54.00	-3.42	19.51	3	Vertical	187	2.85	-	27.83	3.24	-

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

13/03/2020



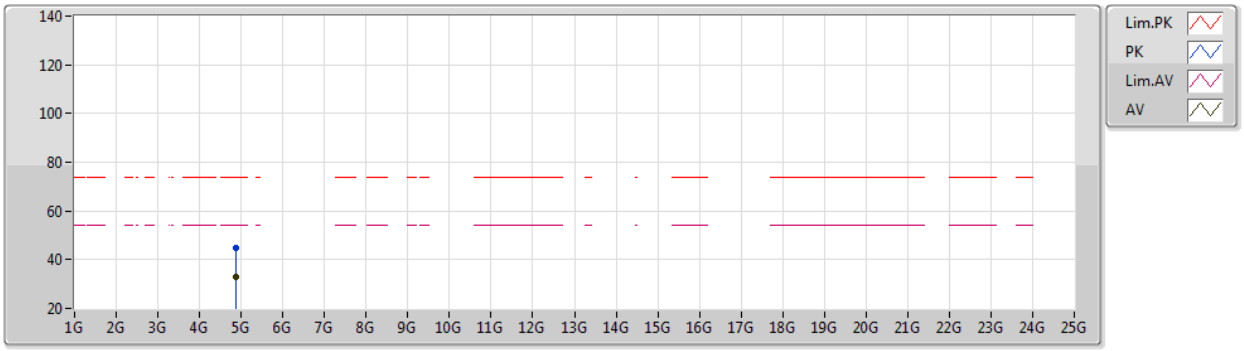
EUT Z_2TX
Setting 34
01-B-E-2

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	66.72	74.00	-7.28	36.05	3	Horizontal	11	1.76	-	27.48	3.19	-
AV	2.389G	53.53	54.00	-0.47	22.86	3	Horizontal	11	1.76	-	27.48	3.19	-
PK	2.439G	110.11	Inf	-Inf	79.23	3	Horizontal	11	1.76	-	27.66	3.22	-
AV	2.4394G	101.11	Inf	-Inf	70.23	3	Horizontal	11	1.76	-	27.66	3.22	-
PK	2.4842G	66.74	74.00	-7.26	35.66	3	Horizontal	11	1.76	-	27.84	3.24	-
AV	2.4838G	53.62	54.00	-0.38	22.54	3	Horizontal	11	1.76	-	27.84	3.24	-

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

13/03/2020



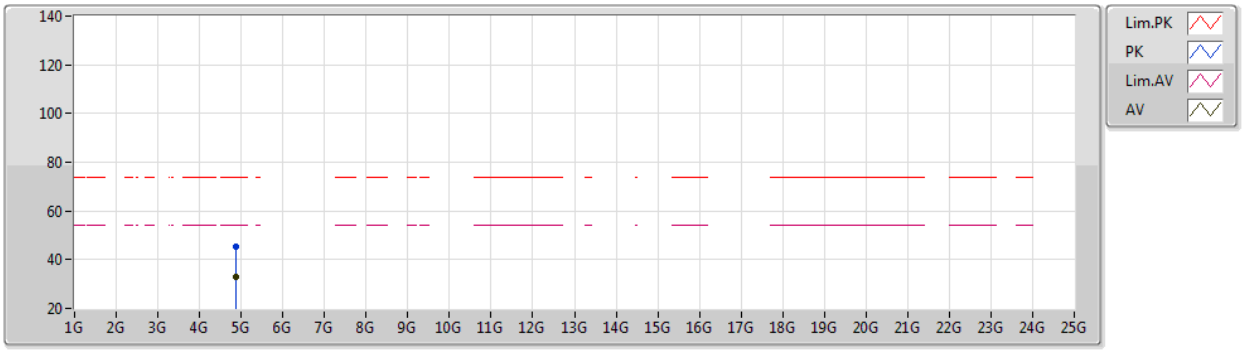
EUT Z_2TX
Setting 34
01-B-E-2

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	4.88366G	44.90	74.00	-29.10	41.26	3	Vertical	140	1.68	-	32.57	5.74	34.67
AV	4.86254G	32.90	54.00	-21.10	29.33	3	Vertical	140	1.68	-	32.53	5.73	34.69

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

13/03/2020



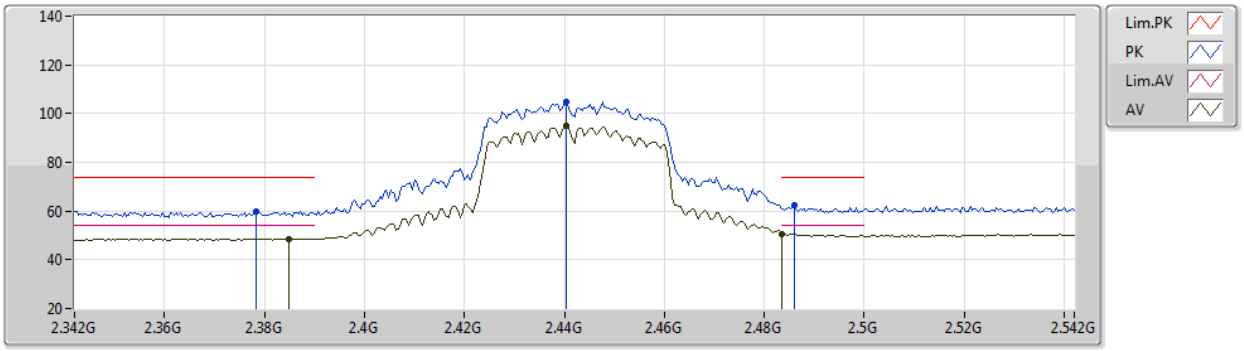
EUT Z_2TX
Setting 34
01-B-E-2

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	4.87022G	45.17	74.00	-28.83	41.57	3	Horizontal	93	1.96	-	32.54	5.74	34.68
AV	4.88348G	32.69	54.00	-21.31	29.05	3	Horizontal	93	1.96	-	32.57	5.74	34.67

802.11n HT40_Nss1,(MCS0)_2TX

2442MHz_TX

05/05/2020



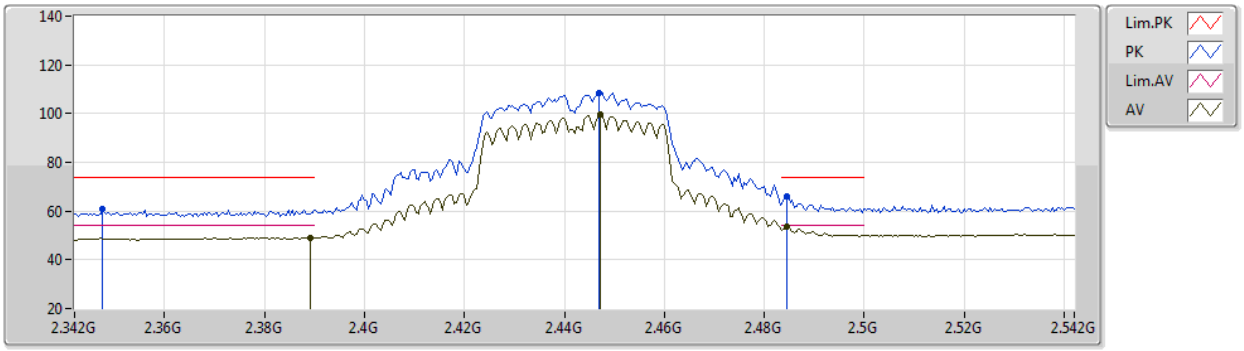
EUT Z_2TX
Setting 30
02-B-J-7

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	2.3784G	59.78	74.00	-14.22	26.74	3	Vertical	175	1.26	-	29.54	3.50	-
AV	2.3848G	48.66	54.00	-5.34	15.61	3	Vertical	175	1.26	-	29.55	3.50	-
PK	2.4404G	104.89	Inf	-Inf	71.51	3	Vertical	175	1.26	-	29.84	3.54	-
AV	2.4404G	95.08	Inf	-Inf	61.70	3	Vertical	175	1.26	-	29.84	3.54	-
PK	2.486G	62.47	74.00	-11.53	28.76	3	Vertical	175	1.26	-	30.12	3.59	-
AV	2.4835G	50.77	54.00	-3.23	17.09	3	Vertical	175	1.26	-	30.10	3.58	-

802.11n HT40_Nss1,(MCS0)_2TX

2442MHz_TX

05/05/2020



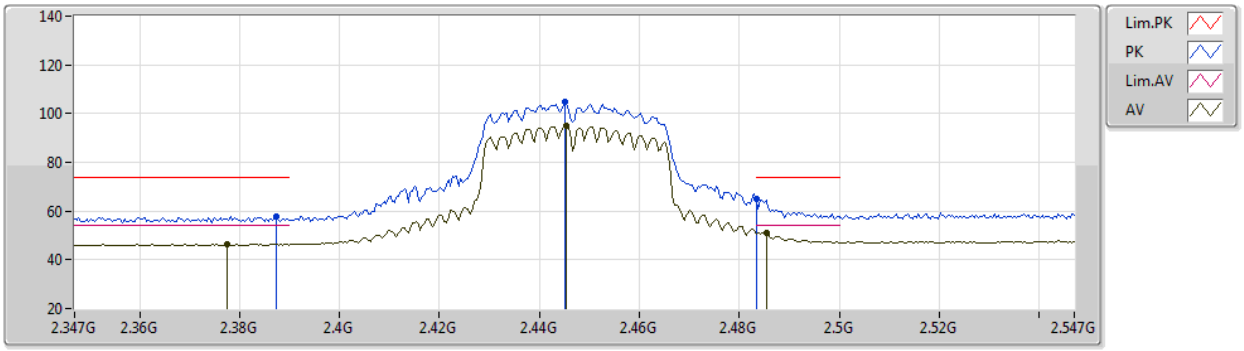
EUT Z_2TX
Setting 30
02-B-J-7

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	2.3476G	60.84	74.00	-13.16	27.90	3	Horizontal	26	1.80	-	29.44	3.50	-
AV	2.3892G	49.02	54.00	-4.98	15.95	3	Horizontal	26	1.80	-	29.57	3.50	-
PK	2.4468G	108.68	Inf	-Inf	75.25	3	Horizontal	26	1.80	-	29.88	3.55	-
AV	2.4472G	99.45	Inf	-Inf	66.02	3	Horizontal	26	1.80	-	29.88	3.55	-
PK	2.4844G	66.22	74.00	-7.78	32.53	3	Horizontal	26	1.80	-	30.11	3.58	-
AV	2.4844G	53.41	54.00	-0.59	19.72	3	Horizontal	26	1.80	-	30.11	3.58	-

802.11n HT40_Nss1,(MCS0)_2TX

2447MHz_TX

13/03/2020



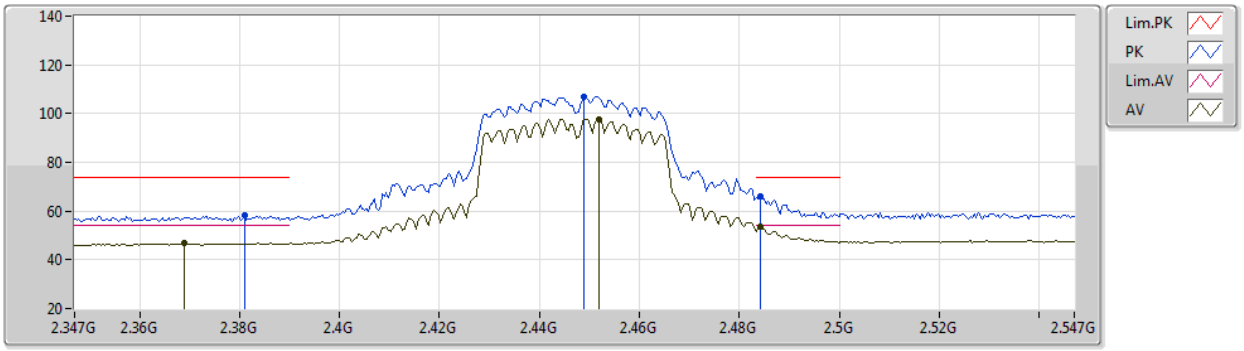
EUT Z_2TX
Setting 27
01-B-E-2

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	2.3874G	57.72	74.00	-16.28	27.06	3	Vertical	182	2.82	-	27.47	3.19	-
AV	2.3774G	46.49	54.00	-7.51	15.85	3	Vertical	182	2.82	-	27.45	3.19	-
PK	2.445G	104.66	Inf	-Inf	73.76	3	Vertical	182	2.82	-	27.68	3.22	-
AV	2.4454G	94.80	Inf	-Inf	63.90	3	Vertical	182	2.82	-	27.68	3.22	-
PK	2.4835G	65.15	74.00	-8.85	34.08	3	Vertical	182	2.82	-	27.83	3.24	-
AV	2.4854G	51.12	54.00	-2.88	20.04	3	Vertical	182	2.82	-	27.84	3.24	-

802.11n HT40_Nss1,(MCS0)_2TX

2447MHz_TX

13/03/2020



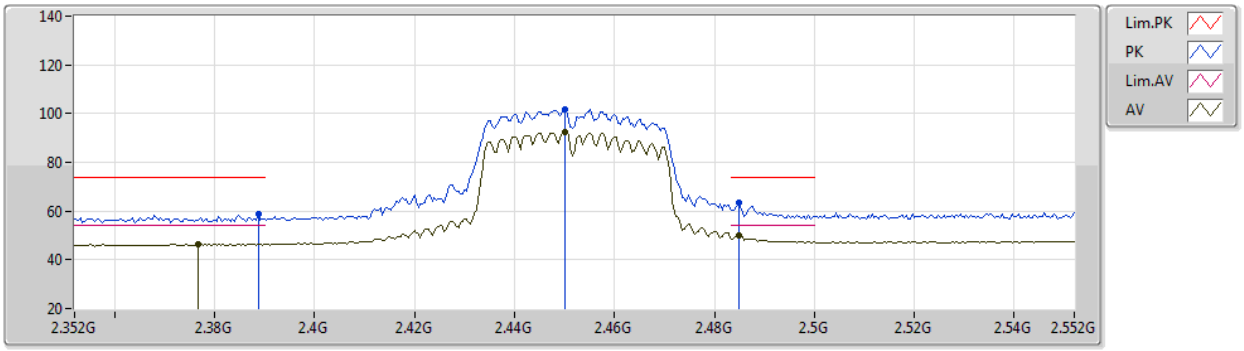
EUT Z_2TX
Setting 27
01-B-E-2

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	2.381G	58.02	74.00	-15.98	27.37	3	Horizontal	12	1.67	-	27.46	3.19	-
AV	2.369G	46.71	54.00	-7.29	16.09	3	Horizontal	12	1.67	-	27.44	3.18	-
PK	2.449G	106.74	Inf	-Inf	75.82	3	Horizontal	12	1.67	-	27.70	3.22	-
AV	2.4518G	97.68	Inf	-Inf	66.74	3	Horizontal	12	1.67	-	27.71	3.23	-
PK	2.4842G	65.88	74.00	-8.12	34.80	3	Horizontal	12	1.67	-	27.84	3.24	-
AV	2.4842G	53.59	54.00	-0.41	22.51	3	Horizontal	12	1.67	-	27.84	3.24	-

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

13/03/2020



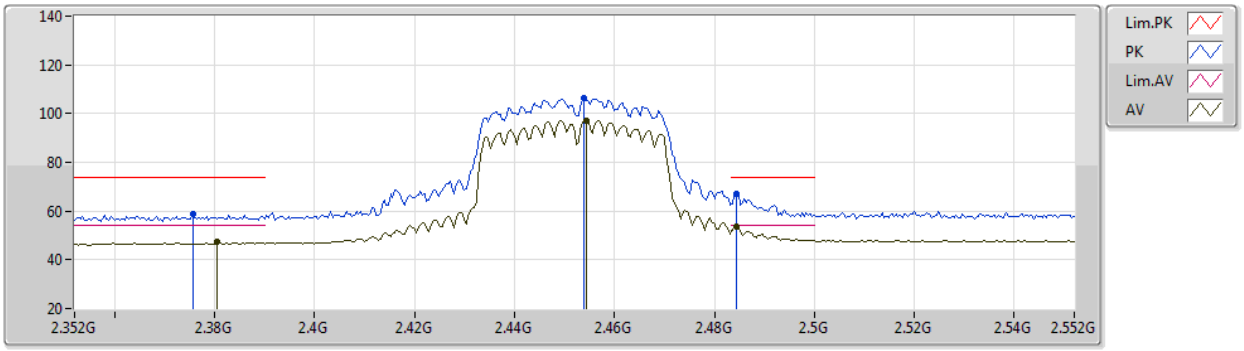
EUT Z_2TX
Setting 23
01-B-E-2

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	2.3888G	58.78	74.00	-15.22	28.11	3	Vertical	186	2.85	-	27.48	3.19	-
AV	2.3768G	46.48	54.00	-7.52	15.84	3	Vertical	186	2.85	-	27.45	3.19	-
PK	2.45G	101.91	Inf	-Inf	70.98	3	Vertical	186	2.85	-	27.70	3.23	-
AV	2.45G	92.45	Inf	-Inf	61.52	3	Vertical	186	2.85	-	27.70	3.23	-
PK	2.4848G	63.47	74.00	-10.53	32.39	3	Vertical	186	2.85	-	27.84	3.24	-
AV	2.4848G	50.12	54.00	-3.88	19.04	3	Vertical	186	2.85	-	27.84	3.24	-

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

13/03/2020



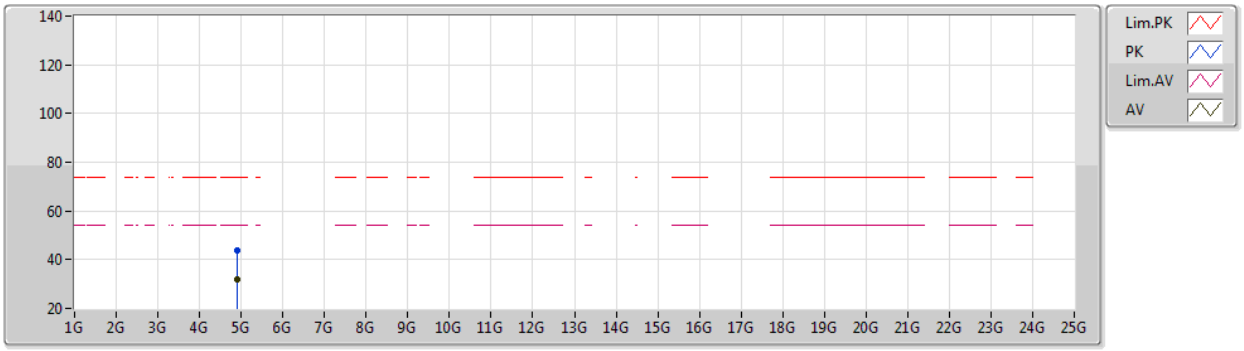
EUT Z_2TX
Setting 23
01-B-E-2

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	2.3756G	58.82	74.00	-15.18	28.18	3	Horizontal	166	1.33	-	27.45	3.19	-
AV	2.3804G	47.19	54.00	-6.81	16.54	3	Horizontal	166	1.33	-	27.46	3.19	-
PK	2.454G	106.30	Inf	-Inf	75.35	3	Horizontal	166	1.33	-	27.72	3.23	-
AV	2.4544G	97.25	Inf	-Inf	66.30	3	Horizontal	166	1.33	-	27.72	3.23	-
PK	2.4844G	67.21	74.00	-6.79	36.13	3	Horizontal	166	1.33	-	27.84	3.24	-
AV	2.4844G	53.84	54.00	-0.16	22.76	3	Horizontal	166	1.33	-	27.84	3.24	-

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

13/03/2020



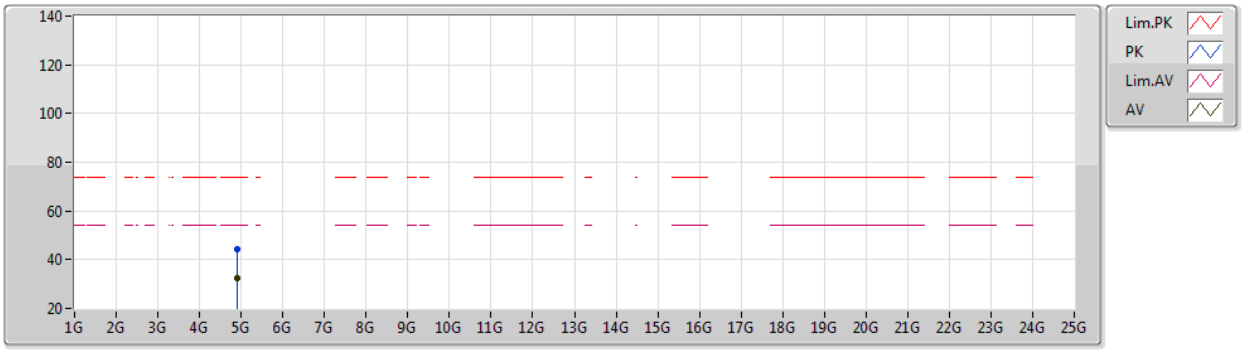
EUT Z_2TX
Setting 23
01-B-E-2

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	4.90278G	43.96	74.00	-30.04	40.26	3	Vertical	310	2.44	-	32.61	5.75	34.66
AV	4.91348G	32.01	54.00	-21.99	28.26	3	Vertical	310	2.44	-	32.64	5.76	34.65

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

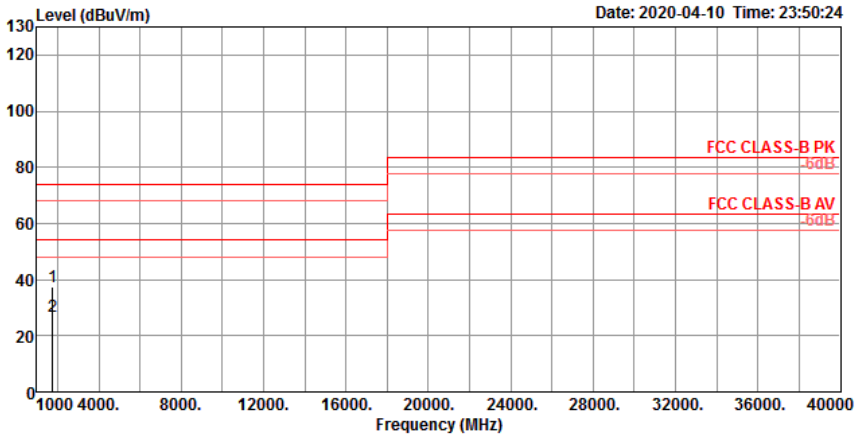
13/03/2020



EUT Z_2TX
Setting 23
01-B-E-2

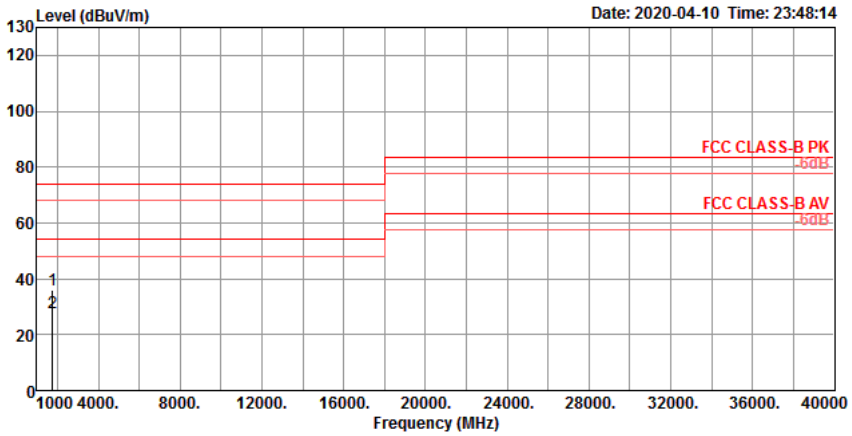
Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.90214G	44.47	74.00	-29.53	40.77	3	Horizontal	176	2.67	-	32.61	5.75	34.66
AV	4.90616G	32.42	54.00	-21.58	28.71	3	Horizontal	176	2.67	-	32.62	5.75	34.66

RSE Co-location Result			
Operating Mode	1	**Polarization**	Horizontal
Operating Function	Normal Link		



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	1747.51	37.60	74.00	-36.40	45.91	3.61	25.04	36.96	100	155	Peak	HORIZONTAL
2	1752.32	26.98	54.00	-27.02	35.26	3.62	25.06	36.96	100	155	Average	HORIZONTAL

RSE Co-location Result			
Operating Mode	1	**Polarization**	Vertical
Operating Function	Normal Link		



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	1751.59	35.84	74.00	-38.16	44.12	3.62	25.06	36.96	100	299	Peak	VERTICAL
2	1752.88	27.61	54.00	-26.39	35.89	3.62	25.06	36.96	100	299	Average	VERTICAL