RADIO TEST REPORT

FCC ID	:	NKR-DHURAZ63
Equipment	:	DHUR-AZ63 11a/b/g/n/ac 2x2 module
Brand Name	:	WNC
Model Name	:	DHUR-AZ63
Applicant	:	Wistron NeWeb Corporation 20 Park Avenue II, Hsinchu Science Park, Hsinchu 308, Taiwan
Manufacturer	:	Wistron NeWeb Corporation 20 Park Avenue II, Hsinchu Science Park, Hsinchu 308, Taiwan
Standard	:	47 CFR FCC Part 15.247

The product was received on Oct. 27, 2021, and testing was started from Nov. 05, 2021 and completed on Nov. 30, 2021. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. Hsinchu Laboratory, the test report shall not be reproduced except in full.

Approved by: Sam Chen

Sporton International Inc. Hsinchu Laboratory
No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)

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History of this test report

Report No.	Version	Description	Issued Date
FR1O2738AA	01	Initial issue of report	Dec. 13, 2021

Summary of Test Result

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

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and Explanations:
The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Sam Chen
Report Producer: Sandy Chuang

1 General Description

1.1 Information

1.1.1 RF General Information

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

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

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

1.1.2 Antenna Information

Set	Ant.	Port			Brand	Part Number	Antenna Type	Connector	Support Type	Equip EUT
		WLAN 2.4GHz (WLAN/BT)	WLAN 5GHz	BT						
1	1	1	1	-	WNC	Wifi Ant0	Printed	N/A	WLAN	1
	2	2	2	-	WNC	Wifi Ant1	Printed	N/A		
2	1	1	1	-	WNC	81.EK615.GAA	PIFA	I-PEX	WLAN	2
	2	2	2	-						
3	1	1	1	-	WNC	81.EK615.GAF	PIFA	I-PEX	WLAN	2
	2	2	2	-						
4	1	-	-	1	WNC	81.EK615.GAM	PIFA	I-PEX	BT	1 or 2
5	1	-	-	1	WNC	81.EK615.GAV	PIFA	I-PEX	BT	1 or 2
6	1	-	-	1	WNC	81.EK615.G90	PIFA	I-PEX	BT	1 or 2

Note1:

Set	Ant.	Port			Antenna Gain (dBi)		
		WLAN 2.4GHz (WLAN/BT)	WLAN 5GHz	BT	WLAN 2.4GHz	WLAN 5GHz	Bluetooth
1	1	1	1	-	5.31	5.92	-
	2	2	2	-	5.26	5.91	-
2	1	1	1	-	2.26	6.93	-
	2	2	2	-	2.26	6.93	-
3	1	1	1	-	3.09	5.35	-
	2	2	2	-	3.09	5.35	-
4	1	-	-	1	-	-	4.04
5	1	-	-	1	-	-	4.87
6	1	-	-	1	-	-	0.75

Note2: The above information was declared by manufacturer.

Only the highest gain antenna was selected from each different type of antenna to test. Thus, antenna set 1, 3 were selected to perform the WLAN 2.4GHz test, antenna set 1, 2 were selected to perform the WLAN 5GHz test, and antenna set 5 was selected to perform the Bluetooth test.

Note3:

<WLAN 2.4GHz Function>

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

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

Port 1 and Port 2 could transmit/receive simultaneously.

<WLAN 5GHz Function>

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

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

Port 1 and Port 2 could transmit/receive simultaneously.

<Bluetooth Function> (1TX/1RX)

Only Port 1 can be used as transmitting/receiving.

Note 4: Directional gain information

Maximum Output Power	Power Spectral Density
Directional gain = Max.gain + array gain. For power measurements on IEEE 802.11 devices Array Gain = 0 dB (i.e., no array gain) for N ANT ≤ 4	$Directional\ Gain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left[\sum_{k=1}^{N_{ANT}} g_{j,k}\right]^2}{N_{ANT}}\right]$

Ex.

Directional Gain (NSS1) formula : $Directional\ Gain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left[\sum_{k=1}^{N_{ANT}} g_{j,k}\right]^2}{N_{ANT}}\right]$

NSS1(g1,1) = $10^{G1/20}$; NSS1(g1,2)= $10^{G2/20}$

gj,k =(Nss1(g1,1) + Nss1(g1,2)

DG = 10 log[(Nss1(g1,1) + Nss1(g1,2) / N_{ANT}] => 10 log[($10^{G1/20}$ + $10^{G2/20}$ + / N_{ANT}]

Where ;

G1 = Ant 1 Gain ; G2 = Ant 2 Gain

<For EUT 1>

2.4GHz DG = 8.30 dBi

5 GHz U-NII-1 DG = 8.93 dBi

5 GHz U-NII-2A DG = 8.93 dBi

5 GHz U-NII-2C DG = 8.93 dBi

5 GHz U-NII-3 DG = 8.93 dBi

<For EUT 2>

2.4GHz DG = 6.10 dBi

5 GHz U-NII-1 DG = 9.94 dBi

5 GHz U-NII-2A DG = 9.94 dBi

5 GHz U-NII-2C DG = 9.94 dBi

5 GHz U-NII-3 DG = 9.94 dBi

1.1.3 Mode Test Duty Cycle

<For EUT 1 with Set 1>

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	0.996	0.02	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g	0.97	0.13	1.395m	1k
802.11n HT20	0.968	0.14	1.303m	1k

<For EUT 2 with Set 3>

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g	0.969	0.14	1.394m	1k
802.11n HT20	0.965	0.15	1.303m	1k

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

1.1.4 EUT Operational Condition

EUT Power Type	From host system			
Beamforming Function	☐	With beamforming	☒	Without beamforming
Function	☒	Point-to-multipoint	☐	Point-to-point
Test Software Version	QATool_Dbg.exe			

Note: The above information was declared by manufacturer.

1.1.5 Table for EUT Information

EUT	WLAN Antenna	Bluetooth Antenna	Equip Antenna Set
1	Internal	External	Set 1, 4~6
2	External	External	Set 2~6

1.2 Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- 47 CFR FCC Part 15
- ANSI C63.10-2013

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

- FCC KDB 558074 D01 v05r02
- FCC KDB 662911 D01 v02r01
- FCC KDB 414788 D01 v01r01

1.3 Testing Location Information

Testing Location Information	
Test Lab.：Sporton International Inc. Hsinchu Laboratory	
Hsinchu (TAF: 3787)	ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.) TEL: 886-3-656-9065 FAX: 886-3-656-9085 Test site Designation No. TW3787 with FCC. Conformity Assessment Body Identifier (CABID) TW3787 with ISED.

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH02-CB	Jay Lo	23.4-25.7 / 64-66	Nov. 15, 2021~ Nov. 17, 2021
Radiated (Below 1GHz)	03CH05-CB	Ken Yeh	19.6~20.1 / 64~68	Nov. 18, 2021~ Nov. 19, 2021
Radiated (Above 1GHz)	03CH05-CB	Kevin Huang	24.1-25.2 / 55-58	Nov. 05, 2021~ Nov. 16, 2021
AC Conduction	CO01-CB	Ryan Huang	22~23 / 66~67	Nov. 30, 2021

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	2.0 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	4.2 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.5 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.7 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.2 dB	Confidence levels of 95%
Conducted Emission	2.5 dB	Confidence levels of 95%
Output Power Measurement	1.3 dB	Confidence levels of 95%
Power Density Measurement	2.5 dB	Confidence levels of 95%
Bandwidth Measurement	0.9%	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

<For EUT 1 with Set 1>

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	28
2437MHz	28
2462MHz	28
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	23
2417MHz	27
2437MHz	30
2457MHz	27
2462MHz	22
802.11n HT20_Nss1,(MCS0)_2TX	-
2412MHz	23
2417MHz	27
2437MHz	30
2457MHz	28
2462MHz	23

<For EUT 2 with Set 3>

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	29
2437MHz	26
2462MHz	27
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	26
2417MHz	2C
2437MHz	31
2457MHz	2D
2462MHz	24
802.11n HT20_Nss1,(MCS0)_2TX	-
2412MHz	25
2417MHz	2C
2437MHz	33
2457MHz	2C
2462MHz	25

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral
Operating Mode	Normal Link
1	EUT 1 with 2.4GHz WLAN (Ant. Set 1) + Bluetooth (Ant. Set 5)
2	EUT 1 with 5GHz WLAN (Ant. Set 1) + Bluetooth (Ant. Set 5)
3	EUT 2 with 2.4GHz WLAN (Ant. Set 3) + Bluetooth (Ant. Set 5)
4	EUT 2 with 5GHz WLAN (Ant. Set 2) + Bluetooth (Ant. Set 5)
For operating mode 3 is the worst case and it was record in this test report.	

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
1	EU 1 with Set 1
2	EU 2 with Set 3

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emissions in Restricted Frequency Bands
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	Normal Link
1	EUT 1 in Z axis with 2.4GHz WLAN (Ant. Set 1) + Bluetooth (Ant. Set 5)
2	EUT 1 in Y axis with 2.4GHz WLAN (Ant. Set 1) + Bluetooth (Ant. Set 5)
3	EUT 1 in X axis with 2.4GHz WLAN (Ant. Set 1) + Bluetooth (Ant. Set 5)
Mode 1 has been evaluated to be the worst case among Mode 1~3, thus measurement for Mode 4 will follow this same test mode.	
4	EUT 1 in Z axis with 5GHz WLAN (Ant. Set 1) + Bluetooth (Ant. Set 5)
5	EUT 2 in Z axis with 2.4GHz WLAN (Ant. Set 3) + Bluetooth (Ant. Set 5)
6	EUT 2 in Y axis with 2.4GHz WLAN (Ant. Set 3) + Bluetooth (Ant. Set 5)
7	EUT 2 in X axis with 2.4GHz WLAN (Ant. Set 3) + Bluetooth (Ant. Set 5)
Mode 5 has been evaluated to be the worst case among Mode 5~7, thus measurement for Mode 8 will follow this same test mode	
8	EUT 2 in Z axis with 5GHz WLAN (Ant. Set 2) + Bluetooth (Ant. Set 5)
For operating mode 5 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
The EUT was performed at X axis, Y axis and Z axis position, and the worst case as below:	
1	EU 1 with Set 1 (Harmonic at X axis / Bandedge at X axis)
2	EU 2 with Set 3 (Harmonic at Y axis / Bandedge at X axis)

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	EUT 1 with 2.4GHz WLAN (Ant. Set 1) + Bluetooth (Ant. Set 5)
2	EUT 1 with 5GHz WLAN (Ant. Set 1) + Bluetooth (Ant. Set 5)
3	EUT 2 with 2.4GHz WLAN (Ant. Set 3) + Bluetooth (Ant. Set 5)
4	EUT 2 with 5GHz WLAN (Ant. Set 2) + Bluetooth (Ant. Set 5)
Refer to Sporton Test Report No.: FA1O2738 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 Mode:

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	NB1	DELL	E6430	N/A
B	NB2	DELL	E6430	N/A
C	Bluetooth Speaker	MARUS	MSK06C-RD	N/A
D	AP Router	ASUS	RP-N53	MSQ-RPN53
E	Mouse	Logitech	M-U0026	N/A
F	Earphone	SHYARO CHI	MIC-04	N/A
G	Test fixture	WNC	48DHUR09.SGB	N/A

For Radiated (below 1GHz):

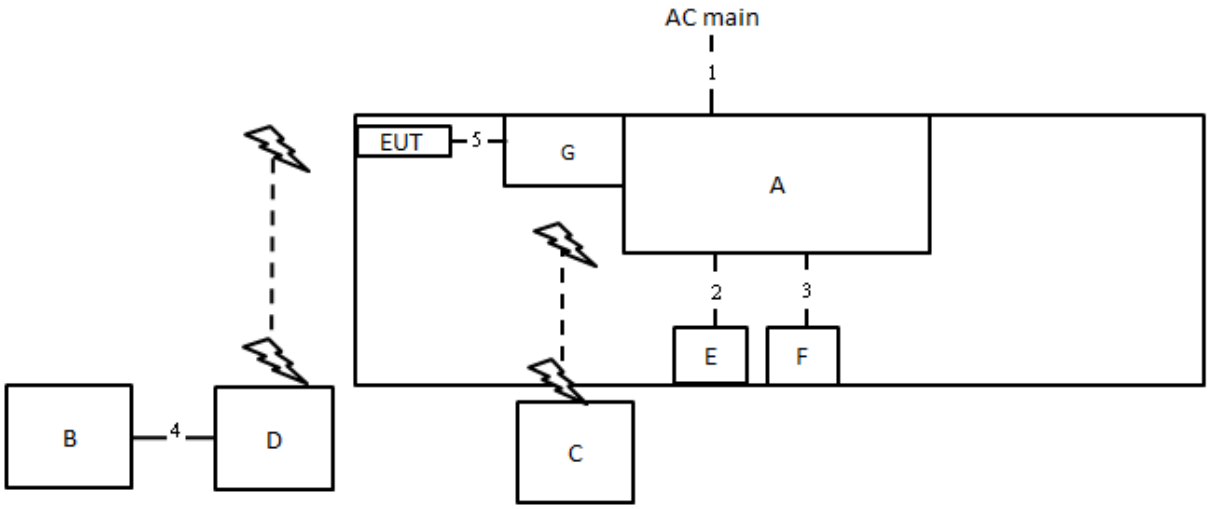
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB1	DELL	E4300	N/A
B	NB2	DELL	E4300	N/A
C	WLAN AP	D-LINK	DIR860L	KA2IR860LA1
D	Bluetooth Speaker	MI	XMYX02YM	2AJ7PXMYX02YM
E	Mouse	HP	FM100	N/A
F	Earphone	e-Power	S90W	N/A
G	Fixture	WNC	48DHUR09.SGB	N/A

For Radiated (above 1GHz) and RF Conducted:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A
B	Fixture	WNC	48DHUR09.SGB	N/A

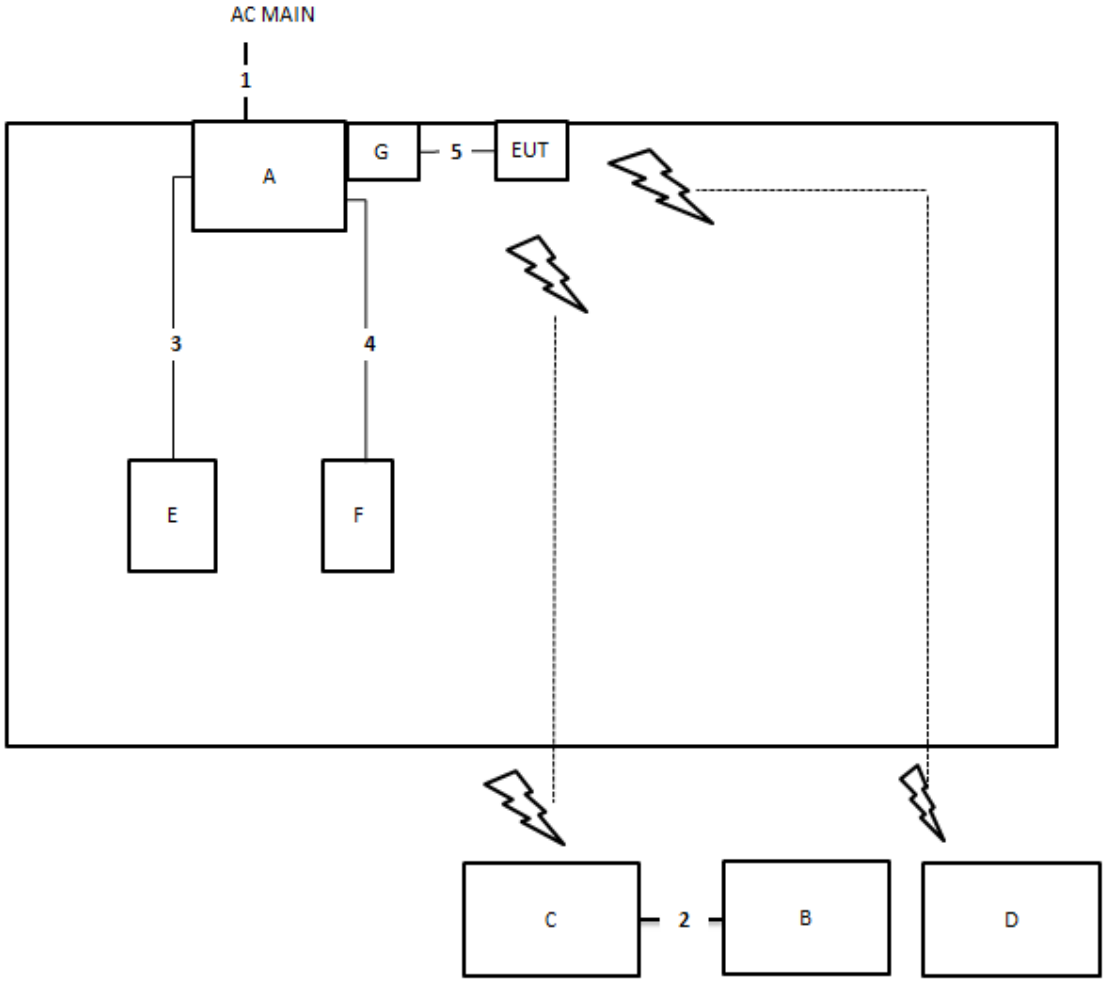
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



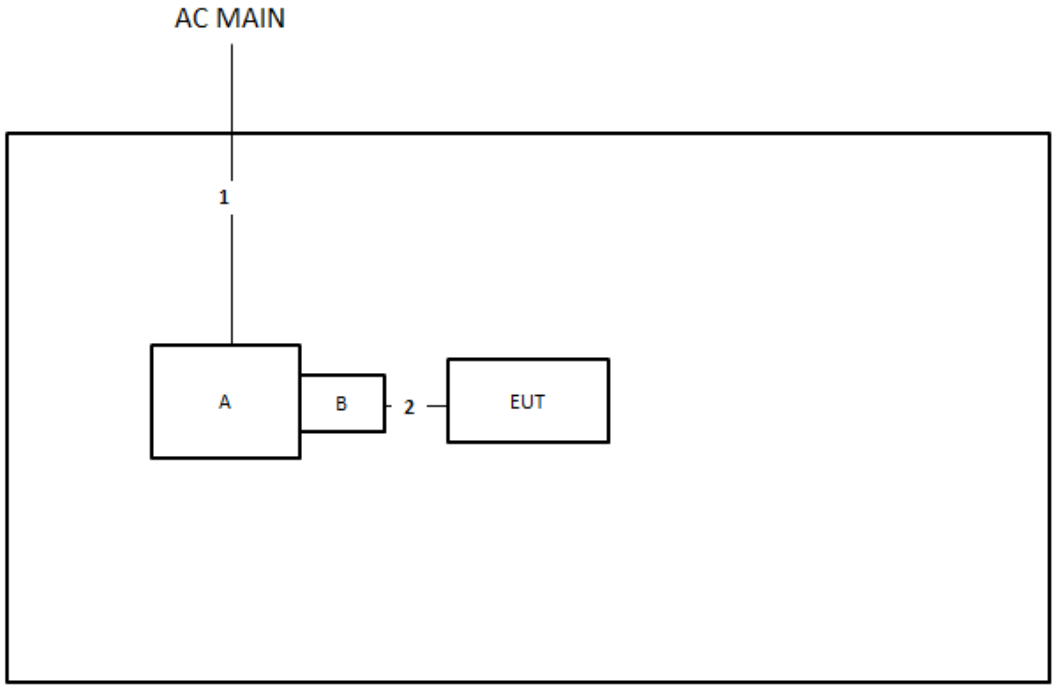
Item	Connection	Shielded	Length
1	Power cable	No	2.8m
2	USB cable	No	1m
3	Audio cable	No	1m
4	RJ45 cable	No	1.5m
5	Console cable	No	0.05m

Test Setup Diagram - Radiated Test < 1GHz



Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	RJ45 cable	No	1.5m
3	USB Cable	Yes	1m
4	Audio cable	No	1m
5	Console cable	No	0.05m

Test Setup Diagram - Radiated Test > 1GHz



Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	Console cable	No	0.05m

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

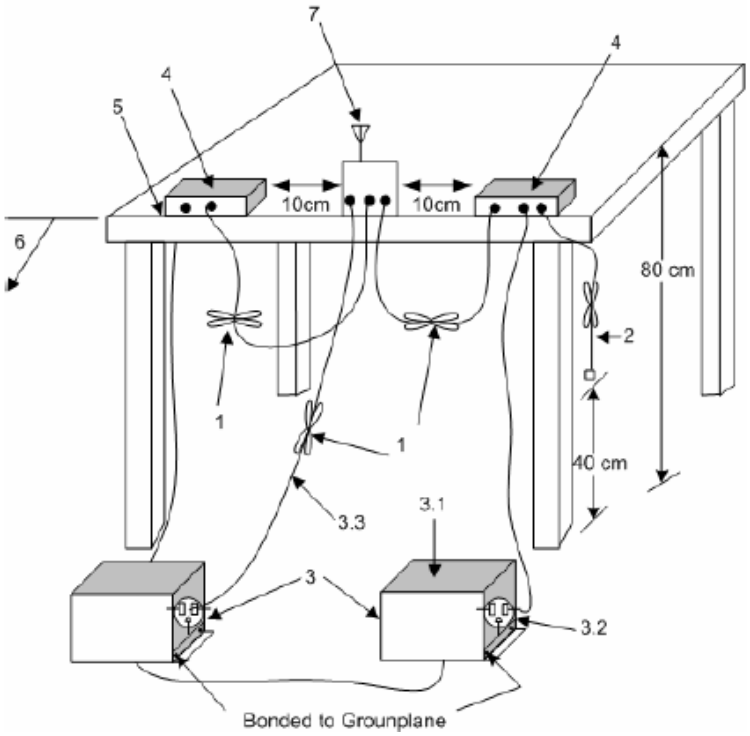
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



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

3.1.5 Measurement Results Calculation

The measured Level is calculated using:

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

b. Margin = -Limit + Level

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

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

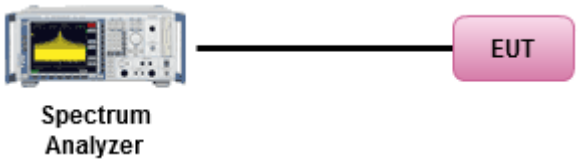
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method	
▪ For the emission bandwidth shall be measured using one of the options below:	
	☒ Refer as FCC KDB 558074, clause 8.2 & C63.10 clause 11.8.1 Option 1 for 6 dB bandwidth measurement.
	☐ Refer as FCC KDB 558074, clause 8.2 & C63.10 clause 11.8.2 Option 2 for 6 dB bandwidth measurement.
	☐ Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
▪ Maximum Peak Conducted Output Power	
	☐ Refer as FCC KDB 558074, clause 8.3.1.1 & C63.10 clause 11.9.1.1 (RBW ≥ EBW method).
	☐ Refer as FCC KDB 558074, clause 8.3.1.3 & C63.10 clause 11.9.1.3 (peak power meter).
▪ Maximum Conducted Output Power	
	[duty cycle ≥ 98% or external video / power trigger]
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.2 Method AVGSA-1.
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.3 Method AVGSA-1A. (alternative)
	duty cycle < 98% and average over on/off periods with duty factor
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.4 Method AVGSA-2.
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.5 Method AVGSA-2A (alternative)
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.6 Method AVGSA-3
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.7 Method AVGSA-3A (alternative)
	Measurement using a power meter (PM)
	☐ Refer as FCC KDB 558074, clause 8.3.2.3 & C63.10 clause 11.9.2.3.1 Method AVGPM (using an RF average power meter).
	☒ Refer as FCC KDB 558074, clause 8.3.2.3 & C63.10 clause 11.9.2.3.2 Method AVGPM-G (using an gate RF average power meter).
▪ For conducted measurement.	
	▪ If the EUT supports multiple transmit chains using options given below: Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
	▪ If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \ldots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$

3.3.4 Test Setup

Maximum Conducted Output Power (Power Meter)


3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

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

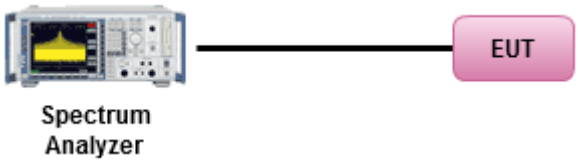
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method			
▪ Peak power spectral density procedures that the same method as used to determine the conducted output power. If maximum peak conducted output power was measured to demonstrate compliance to the output power limit, then the peak PSD procedure below (Method PKPSD) shall be used. If maximum conducted output power was measured to demonstrate compliance to the output power limit, then one of the average PSD procedures shall be used, as applicable based on the following criteria (the peak PSD procedure is also an acceptable option).			
	☒ Refer as FCC KDB 558074, clause 8.4 & C63.10 clause 11.10 Method Max. PSD.		
▪ For conducted measurement.			
	▪ If The EUT supports multiple transmit chains using options given below:		
		☒ Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.	
		☐ Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,	
		☐ Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.	

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

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

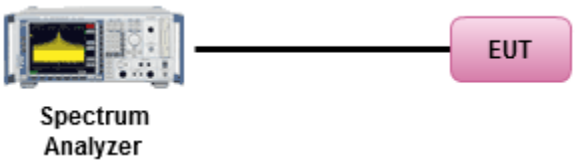
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup

Emissions in Non-restricted Frequency Bands


3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

Restricted Band Emissions Limit			
Frequency Range (MHz)	**Field Strength (uV/m)**	**Field Strength (dBuV/m)**	**Measure Distance (m)**
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
216~960	200	46	3
Above 960	500	54	3

Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

Note 2: Test distance for frequencies at below 30 MHz, measurements may be performed at a distance closer than the EUT limit distance; however, an attempt should be made to avoid making measurements in the near field. When performing measurements below 30 MHz at a closer distance than the limit distance, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two or more distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). The test report shall specify the extrapolation method used to determine compliance of the EUT.

Note 3: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m.

3.6.2 Measuring Instruments

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

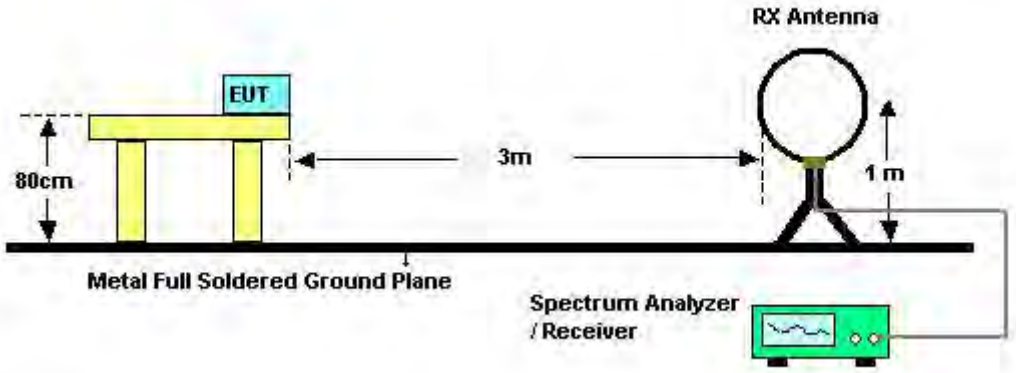
3.6.3 Test Procedures

Test Method
▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].
▪ Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.
▪ For the transmitter unwanted emissions shall be measured using following options below:
▪ Refer as FCC KDB 558074, clause 8.6 for unwanted emissions into restricted bands.
☐ Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.1(trace averaging for duty cycle ≥98%).
☐ Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.2(trace averaging + duty factor).
☒ Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.3(Reduced VBW≥1/T).
☐ Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.
☐ Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
☒ Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.4 measurement procedure peak limit.
▪ For the transmitter band-edge emissions shall be measured using following options below:
▪ Refer as FCC KDB 558074 clause 8.7 & C63.10 clause 11.13.1, When the performing peak or average radiated measurements, emissions within 2 MHz of the authorized band edge may be measured using the marker-delta method described below.
▪ Refer as FCC KDB 558074, clause 8.7 (ANSI C63.10, clause 6.10.6) for marker-delta method for band-edge measurements.
▪ Refer as FCC KDB 558074, clause 8.7 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels (i.e., 1 MHz).
▪ For conducted unwanted emissions into restricted bands (absolute emission limits). Devices with multiple transmit chains using options given below: (1) Measure and sum the spectra across the outputs or (2) Measure and add 10 log(N) dB
▪ For FCC KDB 662911 The methodology described here may overestimate array gain, thereby resulting in apparent failures to satisfy the out-of-band limits even if the device is actually compliant. In such cases, compliance may be demonstrated by performing radiated tests around the frequencies at which the apparent failures occurred.

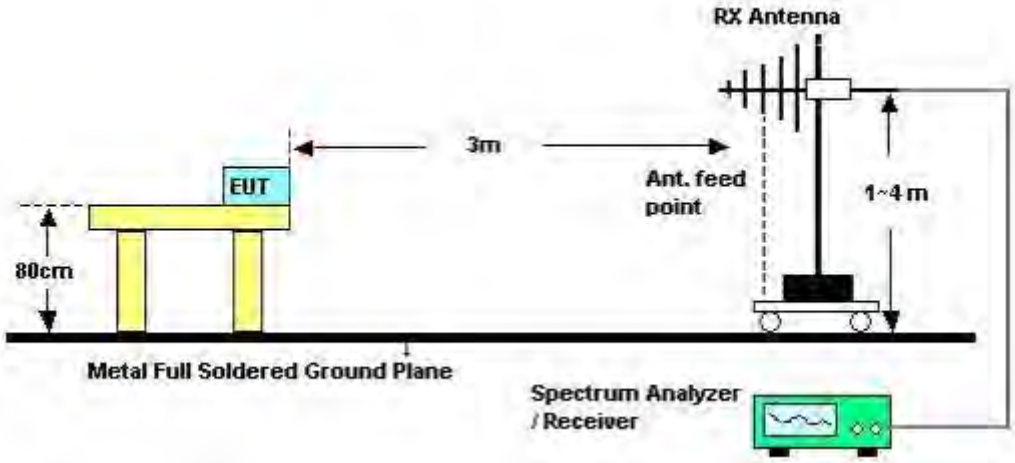
3.6.4 Test Setup

Radiated - Emissions in Restricted Frequency Bands

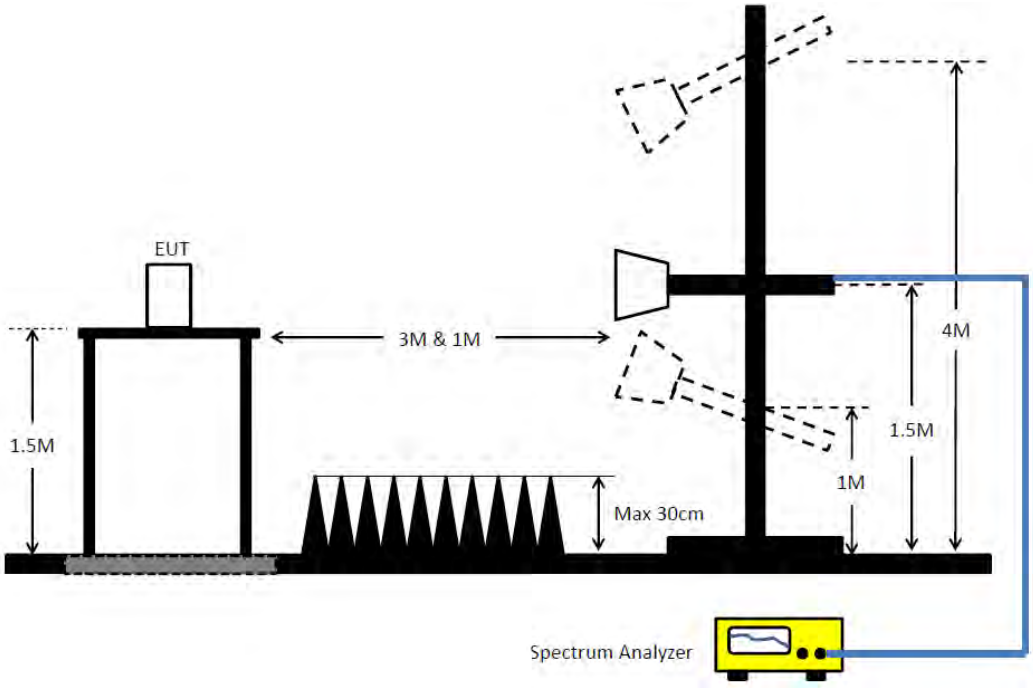
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



3.6.5 Measurement Results Calculation

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

3.6.6 Emissions in Restricted Frequency Bands (Below 30MHz)

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

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F

4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Mar. 03, 2021	Mar. 02, 2022	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Jan. 06, 2021	Jan. 05, 2022	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Mar. 07, 2021	Mar. 06, 2022	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Jan. 30, 2021	Jan. 29, 2022	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	May 19, 2021	May 18, 2022	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Apr. 14, 2021	Apr. 13, 2022	Radiation (03CH05-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Aug. 09, 2021	Aug. 08, 2022	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Nov. 08, 2020	Nov. 07, 2021	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Nov. 07, 2021	Nov. 06, 2022	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 26, 2021	Mar. 25, 2022	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120 D-1291	1GHz~18GHz	Oct. 14, 2021	Oct. 13, 2022	Radiation (03CH05-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	Apr. 27, 2021	Apr. 26, 2022	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz – 26.5GHz	Jul. 02, 2021	Jul. 01, 2022	Radiation (03CH05-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH05-CB)
Signal Analyzer	R&S	FSV40	101903	9kHz ~ 40GHz	Mar. 22, 2021	Mar. 21, 2022	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 21, 2021	Jun. 20, 2022	Radiation (03CH05-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Oct. 13, 2021	Oct. 12, 2022	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Oct. 13, 2021	Oct. 12, 2022	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Oct. 13, 2021	Oct. 12, 2022	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH05-CB)
Spectrum analyzer	R&S	FSV40	101027	9kHz~40GHz	Aug. 02, 2021	Aug. 01, 2022	Conducted (TH02-CB)
Power Sensor	Anritsu	MA2411B	1126203	300MHz~40GHz	Oct. 25, 2021	Oct. 24, 2022	Conducted (TH02-CB)
Power Meter	Anritsu	ML2495A	1210004	300MHz~40GHz	Oct. 25, 2021	Oct. 24, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-01	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-02	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-03	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-04	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-05	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH02-CB)

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

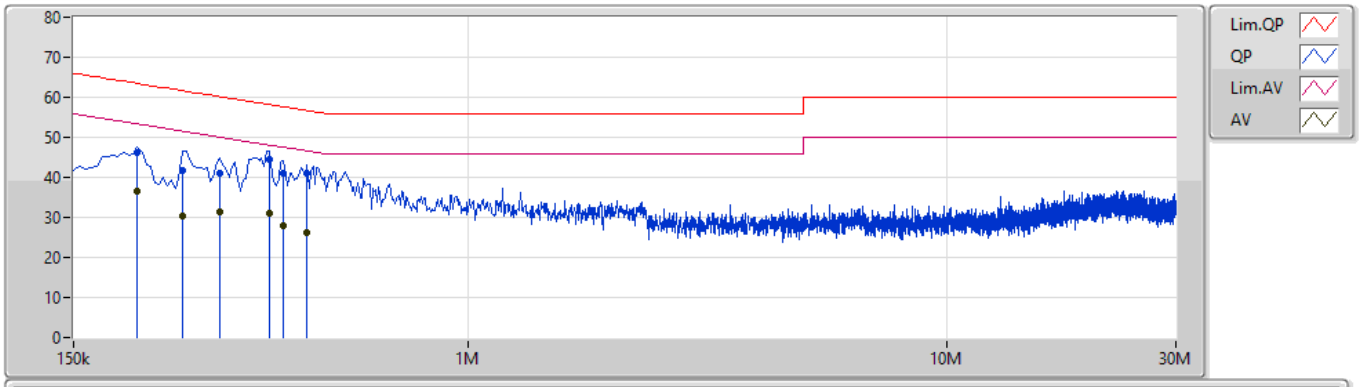
N.C.R. means Non-Calibration required.

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 3	Pass	QP	384k	44.45	58.20	-13.75	Neutral

Mode 3

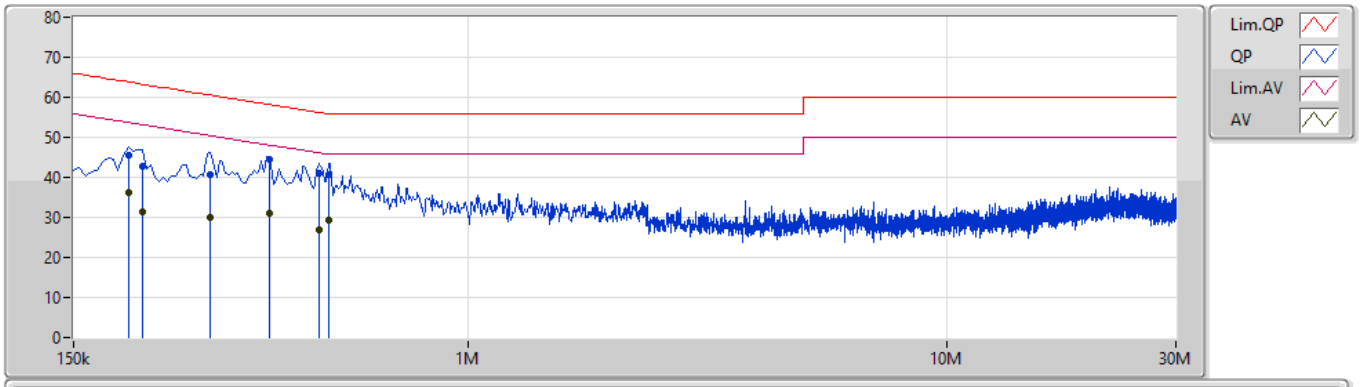
30/11/2021



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	204k	46.24	63.44	-17.20	9.89	Line	-	36.35	0.04	0.04	9.81
AV	204k	36.71	53.44	-16.73	9.89	Line	-	26.82	0.04	0.04	9.81
QP	253.5k	41.82	61.64	-19.82	9.89	Line	-	31.93	0.04	0.04	9.81
AV	253.5k	30.32	51.64	-21.32	9.89	Line	-	20.43	0.04	0.04	9.81
QP	303k	41.20	60.17	-18.97	9.90	Line	-	31.30	0.04	0.04	9.82
AV	303k	31.41	50.17	-18.76	9.90	Line	-	21.51	0.04	0.04	9.82
QP	384k	44.44	58.20	-13.76	9.90	Line	"Worst"	34.54	0.04	0.04	9.82
AV	384k	31.20	48.20	-17.00	9.90	Line	-	21.30	0.04	0.04	9.82
QP	411k	41.02	57.63	-16.61	9.90	Line	-	31.12	0.04	0.04	9.82
AV	411k	27.76	47.63	-19.87	9.90	Line	-	17.86	0.04	0.04	9.82
QP	460.5k	41.05	56.69	-15.64	9.90	Line	-	31.15	0.04	0.04	9.82
AV	460.5k	26.20	46.69	-20.49	9.90	Line	-	16.30	0.04	0.04	9.82

Mode 3

30/11/2021



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	195k	45.61	63.82	-18.21	9.88	Neutral	-	35.73	0.03	0.04	9.81
AV	195k	36.13	53.82	-17.69	9.88	Neutral	-	26.25	0.03	0.04	9.81
QP	208.5k	42.78	63.27	-20.49	9.88	Neutral	-	32.90	0.03	0.04	9.81
AV	208.5k	31.45	53.27	-21.82	9.88	Neutral	-	21.57	0.03	0.04	9.81
QP	289.5k	40.61	60.53	-19.92	9.89	Neutral	-	30.72	0.03	0.04	9.82
AV	289.5k	30.12	50.53	-20.41	9.89	Neutral	-	20.23	0.03	0.04	9.82
QP	384k	44.45	58.20	-13.75	9.89	Neutral	"Worst"	34.56	0.03	0.04	9.82
AV	384k	31.19	48.20	-17.01	9.89	Neutral	-	21.30	0.03	0.04	9.82
QP	487.5k	40.92	56.21	-15.29	9.89	Neutral	-	31.03	0.03	0.04	9.82
AV	487.5k	26.84	46.21	-19.37	9.89	Neutral	-	16.95	0.03	0.04	9.82
QP	510k	40.55	56.00	-15.45	9.90	Neutral	-	30.65	0.04	0.04	9.82
AV	510k	29.26	46.00	-16.74	9.90	Neutral	-	19.36	0.04	0.04	9.82

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	9.525M	14.143M	14M1G1D	9M	13.918M
802.11g_Nss1,(6Mbps)_2TX	15.65M	18.691M	18M7D1D	15M	16.442M
802.11n HT20_Nss1,(MCS0)_2TX	15.7M	18.316M	18M3D1D	14.975M	17.566M

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

Result

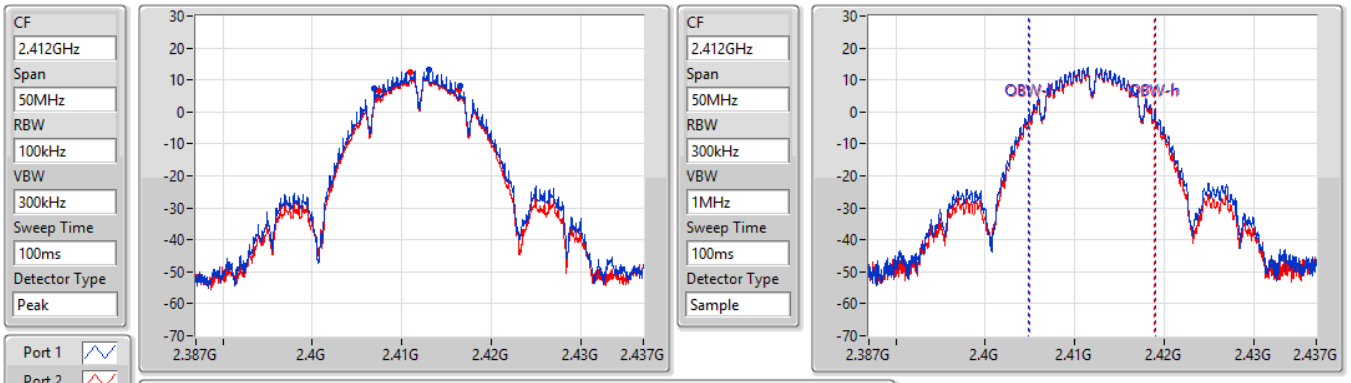
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	9.525M	14.143M	9M	13.918M
2417MHz						
2437MHz	Pass	500k	9M	14.118M	9.05M	14.018M
2457MHz						
2462MHz	Pass	500k	9.025M	14.143M	9.05M	14.043M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	15.05M	16.467M	15M	16.492M
2417MHz						
2437MHz	Pass	500k	15.075M	18.691M	15.65M	17.941M
2457MHz						
2462MHz	Pass	500k	15.025M	16.467M	15.025M	16.442M
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	15.1M	17.591M	15.7M	17.641M
2417MHz						
2437MHz	Pass	500k	15.075M	18.316M	14.975M	18.116M
2457MHz						
2462MHz	Pass	500k	15.025M	17.566M	15.675M	17.641M

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

802.11b_Nss1,(1Mbps)_2TX EBW

2412MHz

15/11/2021

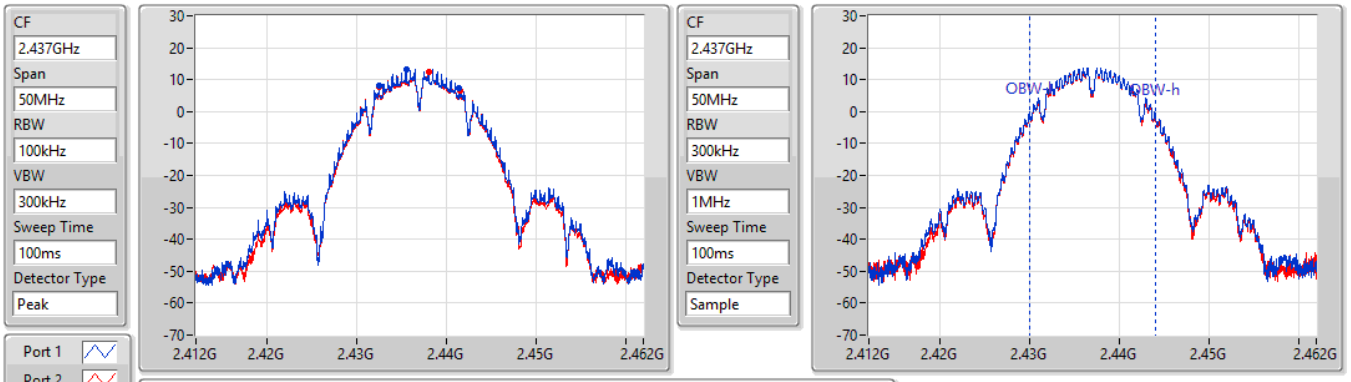


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.525M	2.406975G	2.4165G	14.143M	2.404879G	2.419021G	500k	1
9M	2.40745G	2.41645G	13.918M	2.405003G	2.418922G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2437MHz

15/11/2021

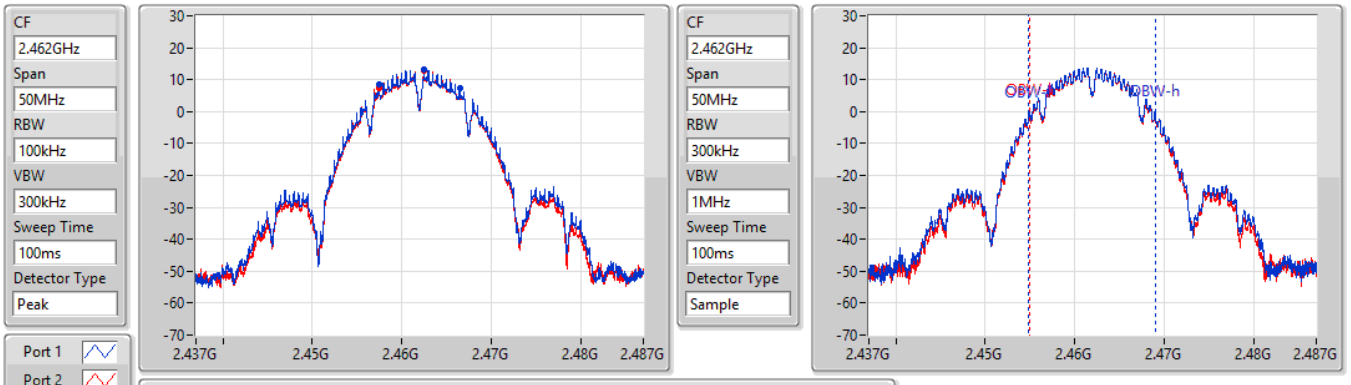


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9M	2.43245G	2.44145G	14.118M	2.429904G	2.444021G	500k	1
9.05M	2.43245G	2.4415G	14.018M	2.429954G	2.443972G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2462MHz

15/11/2021

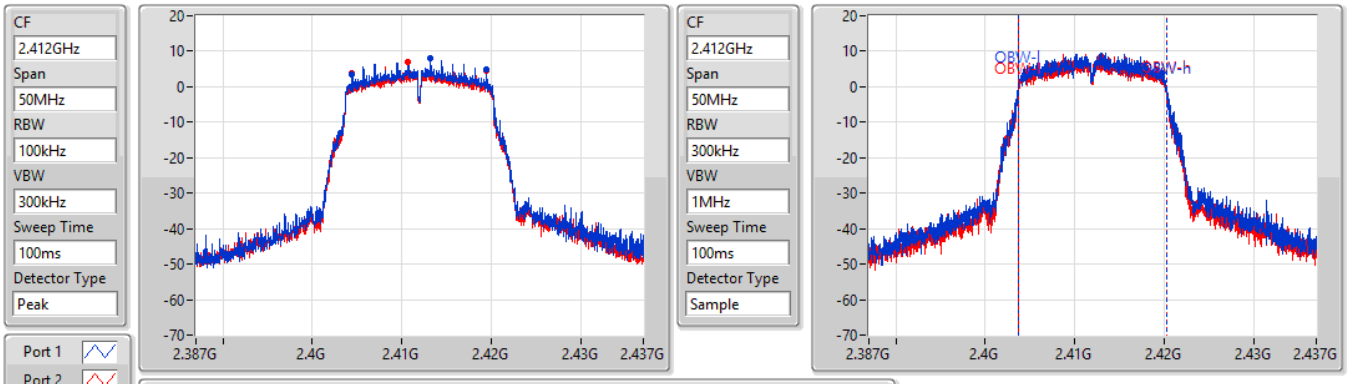


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.025M	2.45745G	2.466475G	14.143M	2.454879G	2.469021G	500k	1
9.05M	2.45745G	2.4665G	14.043M	2.454929G	2.468972G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2412MHz

15/11/2021

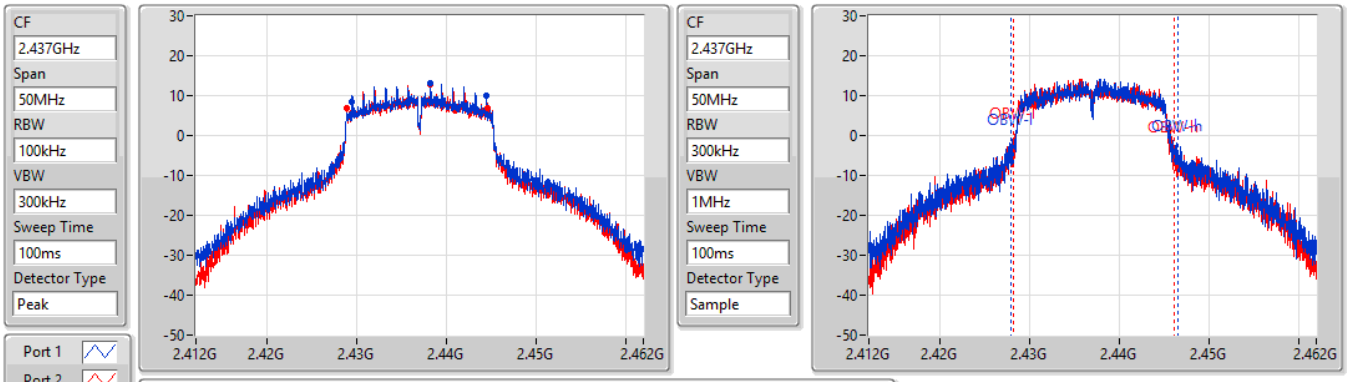


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.05M	2.404425G	2.419475G	16.467M	2.403754G	2.420221G	500k	1
15M	2.404475G	2.419475G	16.492M	2.403729G	2.420221G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2437MHz

15/11/2021

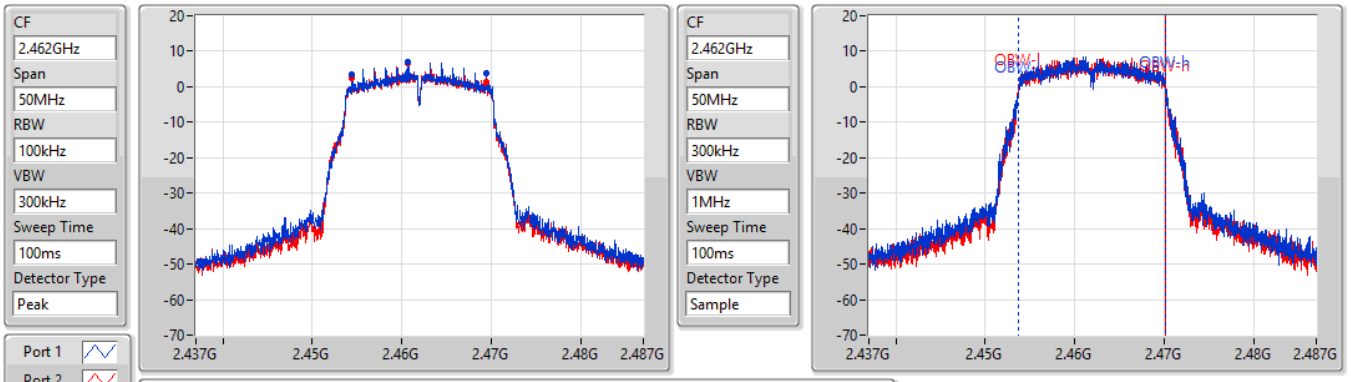


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.075M	2.429425G	2.4445G	18.691M	2.427905G	2.446595G	500k	1
15.65M	2.428875G	2.444525G	17.941M	2.428179G	2.44612G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2462MHz

15/11/2021

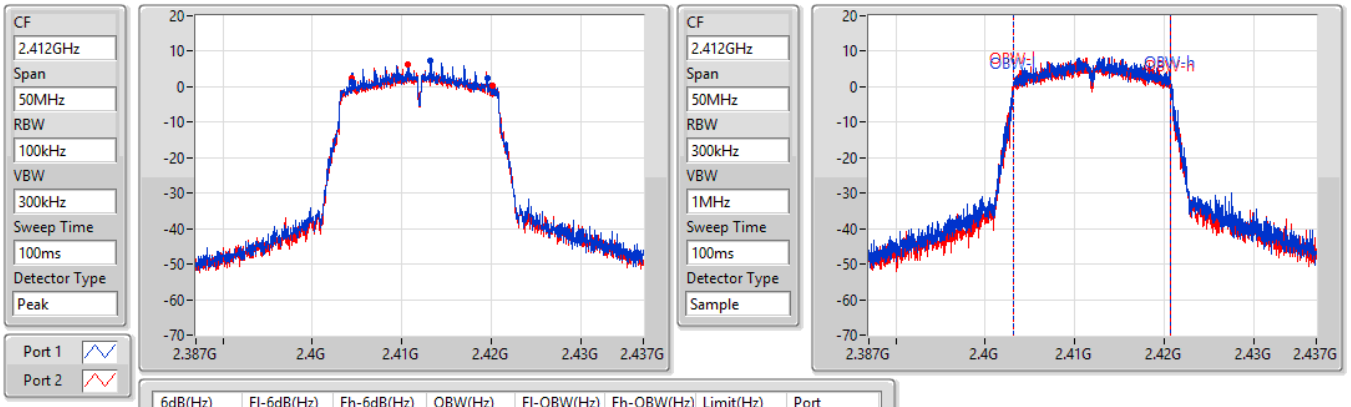


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.025M	2.454475G	2.4695G	16.467M	2.453729G	2.470196G	500k	1
15.025M	2.454425G	2.46945G	16.442M	2.453729G	2.470171G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

2412MHz

15/11/2021

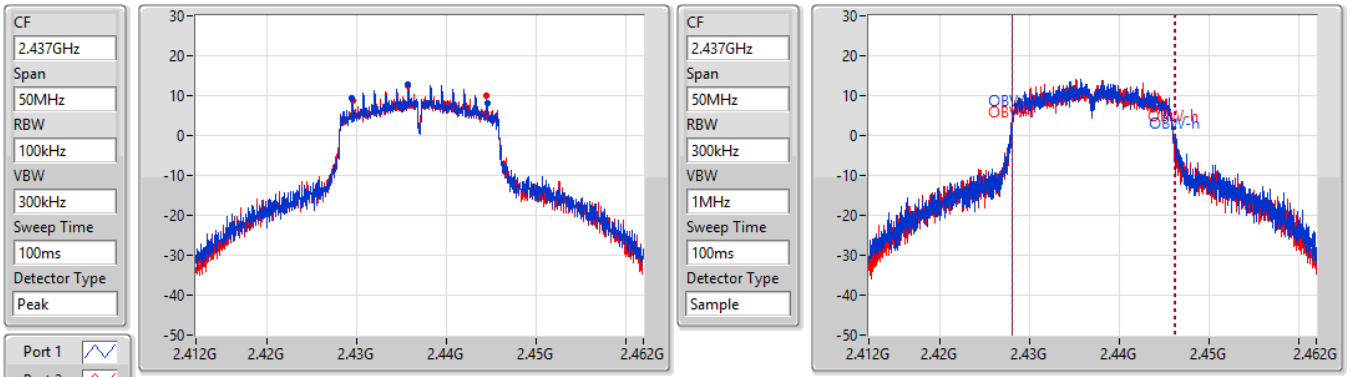


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.1M	2.404425G	2.419525G	17.591M	2.403179G	2.420771G	500k	1
15.7M	2.404425G	2.420125G	17.641M	2.403129G	2.420771G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

2437MHz

15/11/2021

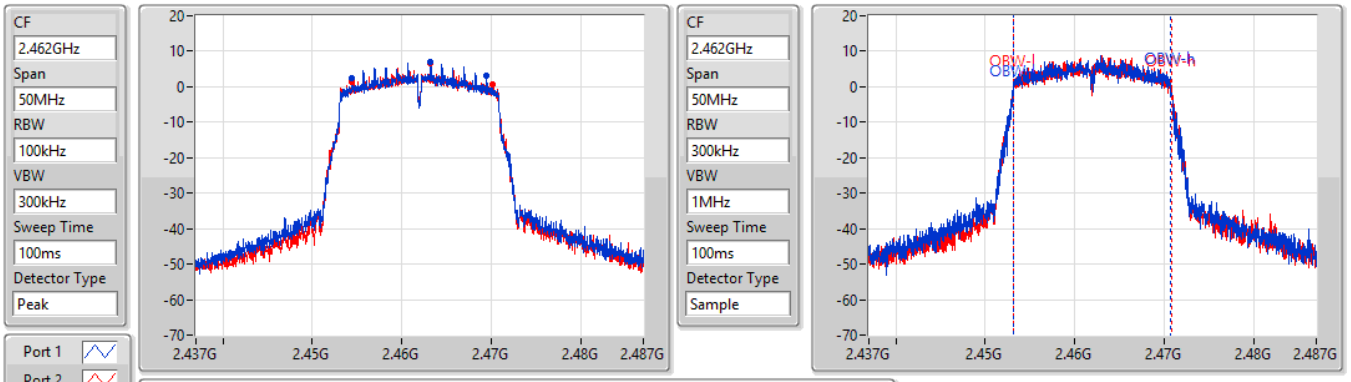


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.075M	2.42945G	2.444525G	18.316M	2.427955G	2.44627G	500k	1
14.975M	2.4295G	2.444475G	18.116M	2.42798G	2.446095G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX **EBW**

2462MHz

15/11/2021



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.025M	2.454425G	2.46945G	17.566M	2.453154G	2.470721G	500k	1
15.675M	2.454425G	2.4701G	17.641M	2.453154G	2.470796G	500k	2

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	9.55M	14.618M	14M6G1D	9.025M	13.868M
802.11g_Nss1,(6Mbps)_2TX	15.675M	22.489M	22M5D1D	15M	16.442M
802.11n HT20_Nss1,(MCS0)_2TX	15.675M	27.211M	27M2D1D	15.025M	17.616M

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

Result

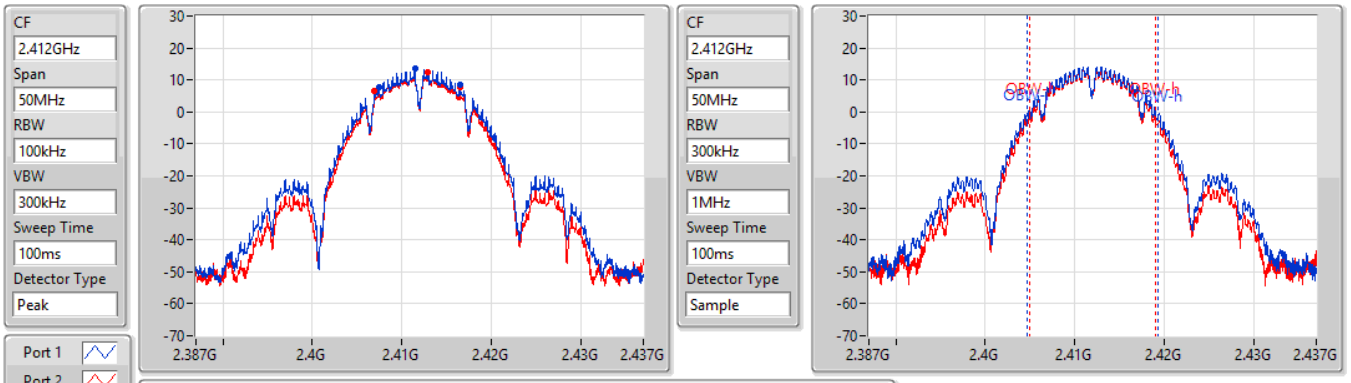
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	9.075M	14.618M	9.525M	14.093M
2437MHz	Pass	500k	9.05M	13.968M	9.025M	13.868M
2462MHz	Pass	500k	9.55M	13.968M	9.05M	13.868M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	15M	16.542M	15.1M	16.542M
2437MHz	Pass	500k	15.025M	22.489M	15.675M	21.039M
2462MHz	Pass	500k	15.1M	16.442M	15.075M	16.492M
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	15.1M	17.616M	15.425M	17.641M
2437MHz	Pass	500k	15.45M	27.211M	15.025M	25.587M
2462MHz	Pass	500k	15.1M	17.616M	15.675M	17.616M

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

802.11b_Nss1,(1Mbps)_2TX EBW

2412MHz

15/11/2021

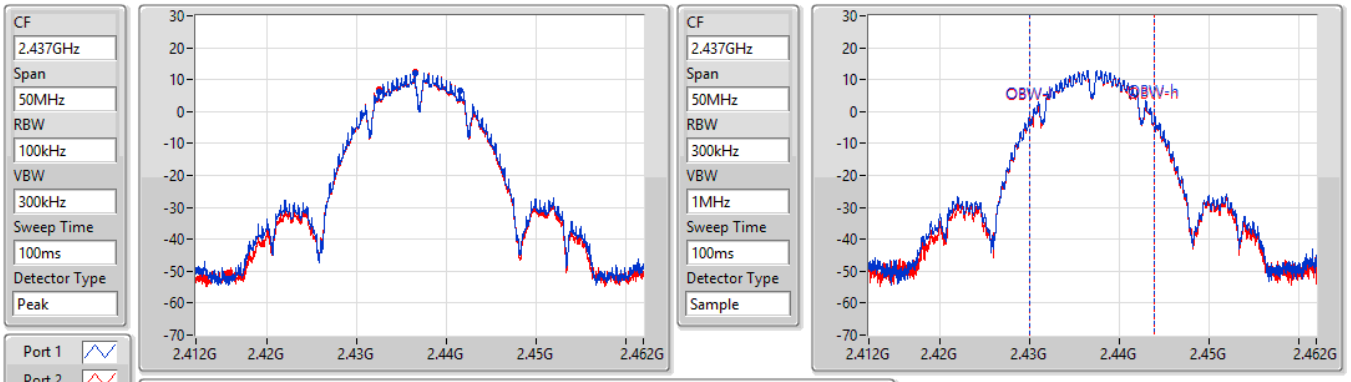


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.075M	2.407425G	2.4165G	14.618M	2.404679G	2.419296G	500k	1
9.525M	2.40695G	2.416475G	14.093M	2.404904G	2.418997G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2437MHz

15/11/2021

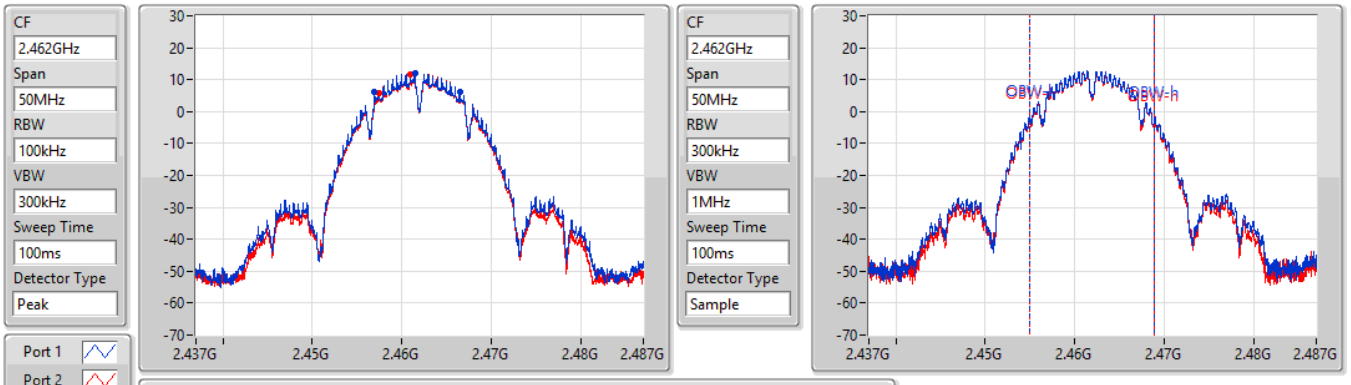


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.05M	2.432425G	2.441475G	13.968M	2.429979G	2.443947G	500k	1
9.025M	2.43245G	2.441475G	13.868M	2.430028G	2.443897G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2462MHz

15/11/2021

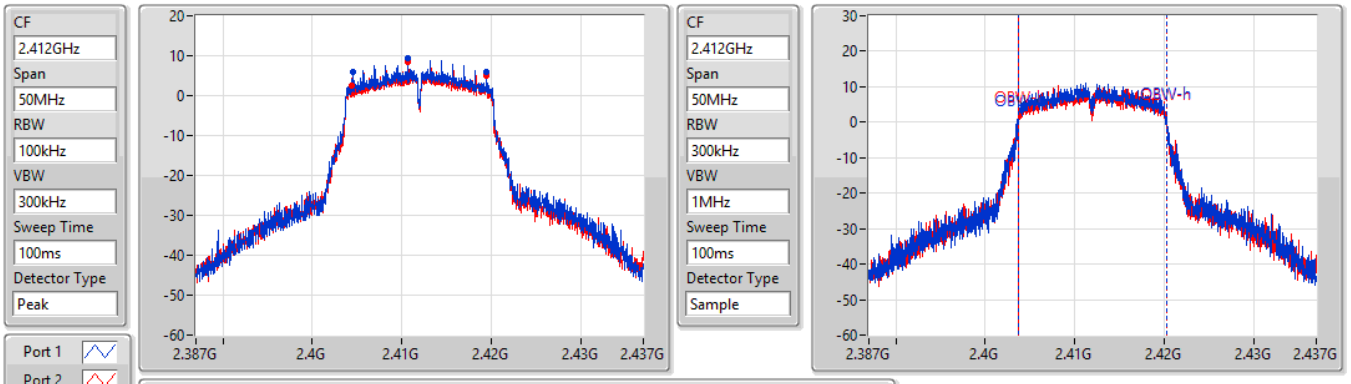


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.55M	2.45695G	2.4665G	13.968M	2.454954G	2.468922G	500k	1
9.05M	2.45745G	2.4665G	13.868M	2.455003G	2.468872G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2412MHz

15/11/2021

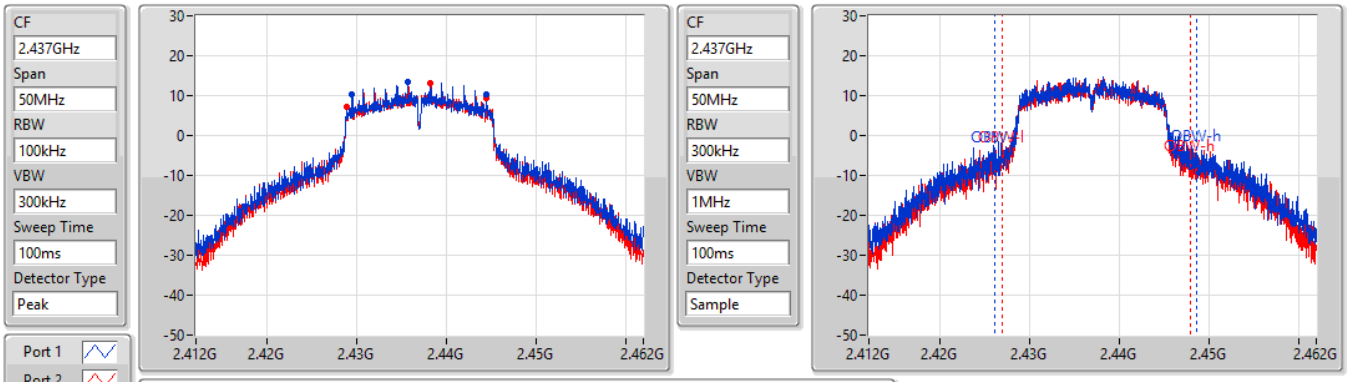


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15M	2.4045G	2.4195G	16.542M	2.403704G	2.420246G	500k	1
15.1M	2.4044G	2.4195G	16.542M	2.403704G	2.420246G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2437MHz

15/11/2021

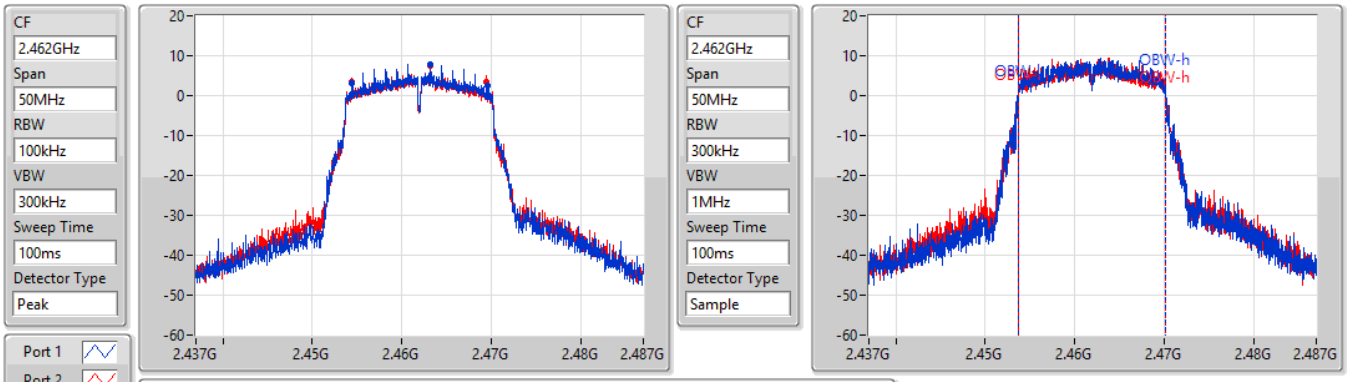


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.025M	2.429475G	2.4445G	22.489M	2.42613G	2.448619G	500k	1
15.675M	2.428825G	2.4445G	21.039M	2.426855G	2.447895G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2462MHz

15/11/2021

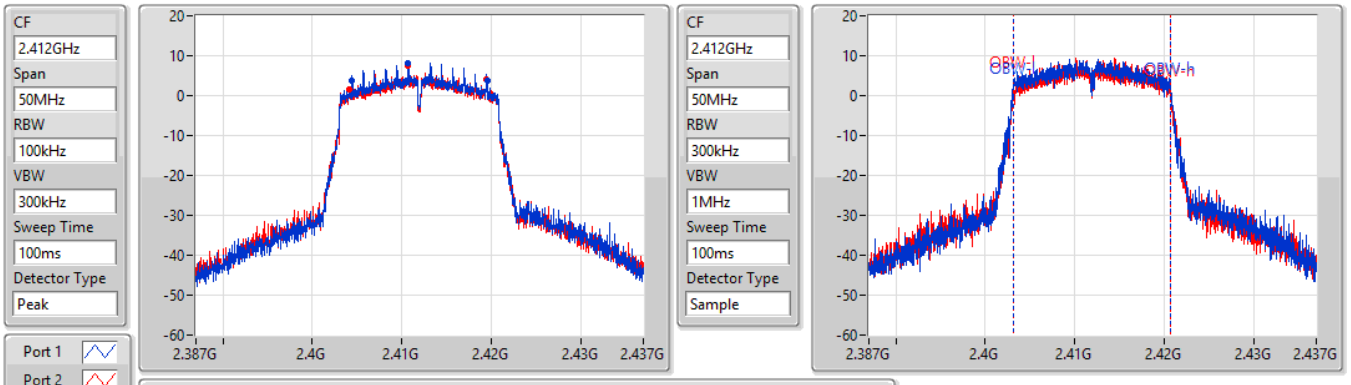


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.1M	2.454425G	2.469525G	16.442M	2.453729G	2.470171G	500k	1
15.075M	2.454425G	2.4695G	16.492M	2.453704G	2.470196G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

2412MHz

15/11/2021

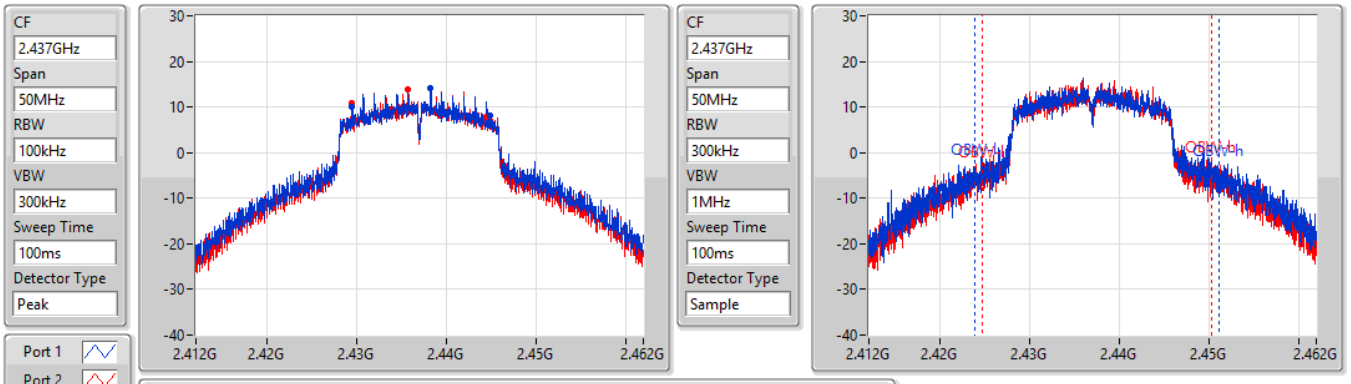


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.1M	2.404425G	2.419525G	17.616M	2.403129G	2.420746G	500k	1
15.425M	2.404075G	2.4195G	17.641M	2.403129G	2.420771G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

2437MHz

15/11/2021

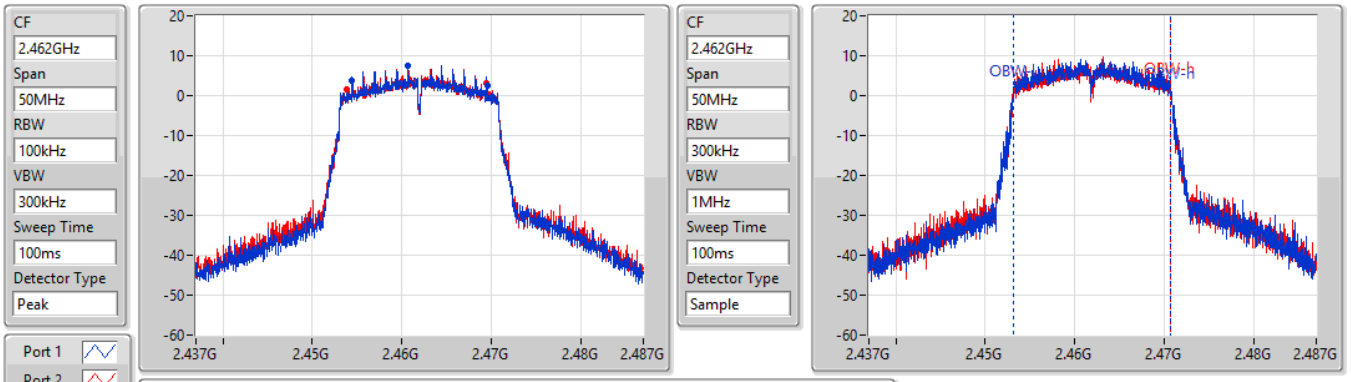


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.45M	2.429425G	2.444875G	27.211M	2.423882G	2.451093G	500k	1
15.025M	2.42945G	2.444475G	25.587M	2.424681G	2.450268G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX **EBW**

2462MHz

15/11/2021



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.1M	2.454425G	2.469525G	17.616M	2.453154G	2.470771G	500k	1
15.675M	2.453825G	2.4695G	17.616M	2.453129G	2.470746G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	24.60	0.28840
802.11g_Nss1,(6Mbps)_2TX	25.71	0.37239
802.11n HT20_Nss1,(MCS0)_2TX	25.27	0.33651

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.31	21.87	21.18	24.55	30.00
2437MHz	Pass	5.31	21.73	21.45	24.60	30.00
2462MHz	Pass	5.31	21.57	21.28	24.44	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.31	18.00	17.49	20.76	30.00
2417MHz	Pass	5.31	19.87	19.27	22.59	30.00
2437MHz	Pass	5.31	22.74	22.65	25.71	30.00
2457MHz	Pass	5.31	17.63	17.26	20.46	30.00
2462MHz	Pass	5.31	16.97	16.85	19.92	30.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.31	17.49	16.83	20.18	30.00
2417MHz	Pass	5.31	19.37	18.37	21.91	30.00
2437MHz	Pass	5.31	22.33	22.18	25.27	30.00
2457MHz	Pass	5.31	19.20	19.07	22.15	30.00
2462MHz	Pass	5.31	16.89	16.79	19.85	30.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	24.99	0.31550
802.11g_Nss1,(6Mbps)_2TX	26.01	0.39902
802.11n HT20_Nss1,(MCS0)_2TX	26.74	0.47206

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.09	22.33	21.59	24.99	30.00
2437MHz	Pass	3.09	20.81	20.55	23.69	30.00
2462MHz	Pass	3.09	20.71	20.39	23.56	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.09	19.32	18.68	22.02	30.00
2417MHz	Pass	3.09	21.72	21.29	24.52	30.00
2437MHz	Pass	3.09	23.06	22.94	26.01	30.00
2457MHz	Pass	3.09	21.60	21.62	24.62	30.00
2462MHz	Pass	3.09	18.01	17.75	20.89	30.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.09	18.30	17.79	21.06	30.00
2417MHz	Pass	3.09	21.36	20.82	24.11	30.00
2437MHz	Pass	3.09	23.74	23.71	26.74	30.00
2457MHz	Pass	3.09	20.81	20.65	23.74	30.00
2462MHz	Pass	3.09	17.80	17.67	20.75	30.00

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

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	0.65
802.11g_Nss1,(6Mbps)_2TX	-0.41
802.11n HT20_Nss1,(MCS0)_2TX	-0.40

RBW = 3kHz;

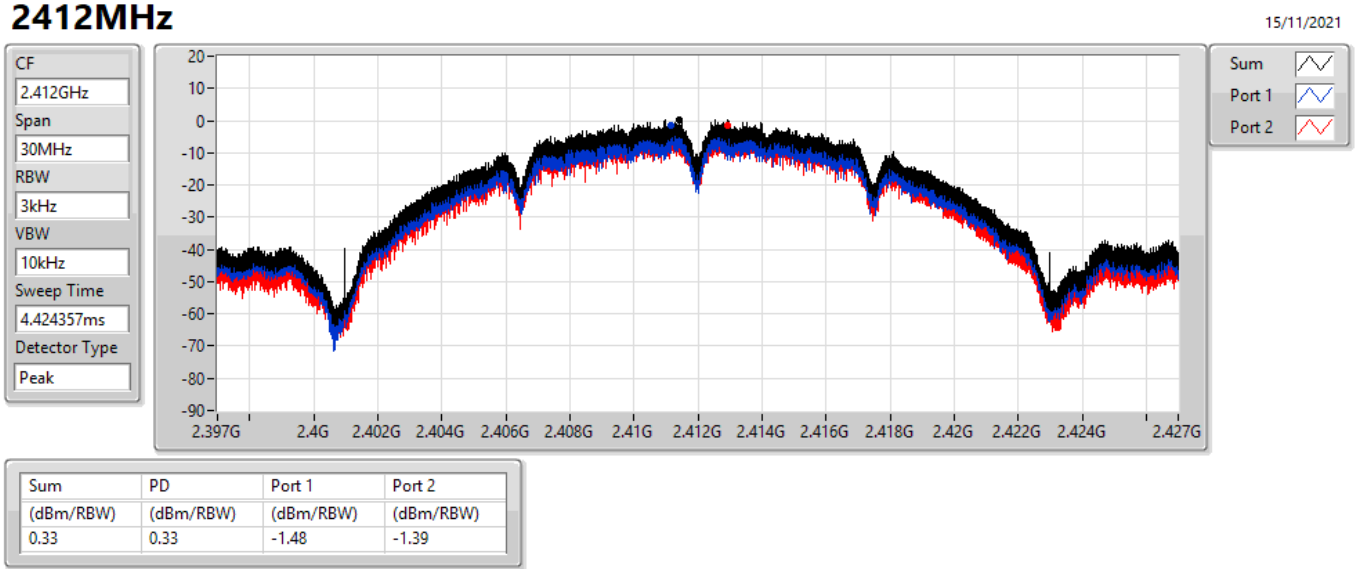
Result

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	8.30	-1.48	-1.39	0.33	5.70
2437MHz	Pass	8.30	-1.41	-1.44	0.65	5.70
2462MHz	Pass	8.30	-1.65	-2.10	0.28	5.70
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	8.30	-6.03	-6.67	-4.76	5.70
2437MHz	Pass	8.30	-2.46	-1.44	-0.41	5.70
2462MHz	Pass	8.30	-8.16	-6.18	-5.03	5.70
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	8.30	-7.46	-8.52	-4.95	5.70
2437MHz	Pass	8.30	-2.49	-3.00	-0.40	5.70
2462MHz	Pass	8.30	-8.68	-7.60	-6.11	5.70

DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11b_Nss1,(1Mbps)_2TX PSD

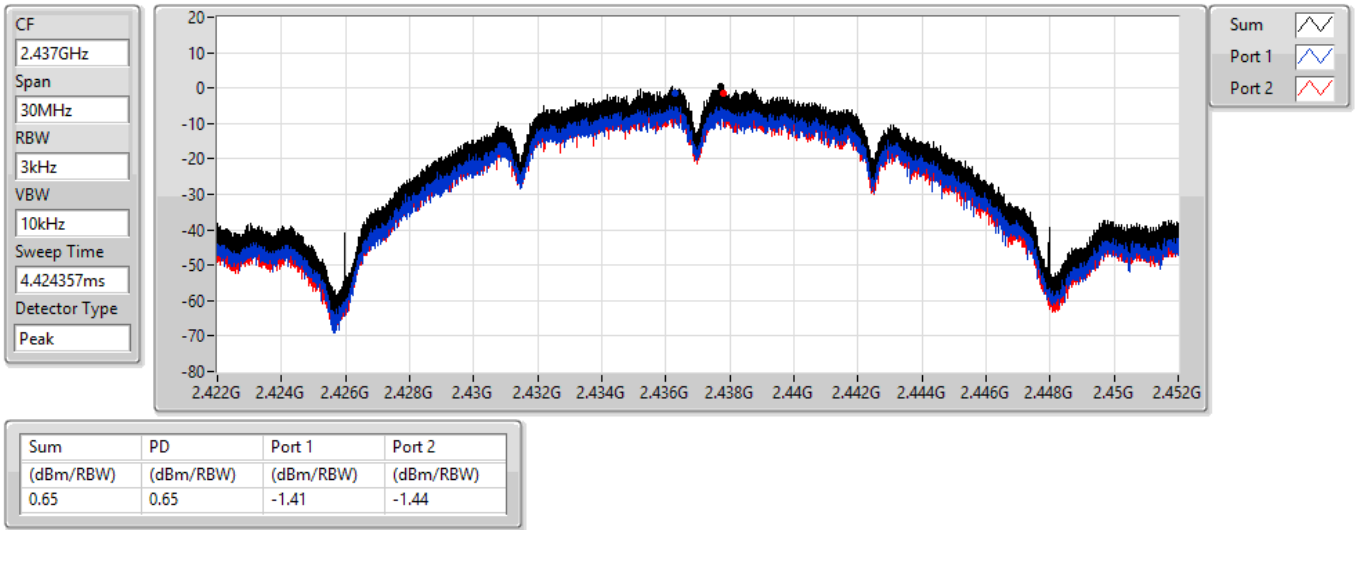
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.33	0.33	-1.48	-1.39

802.11b_Nss1,(1Mbps)_2TX PSD

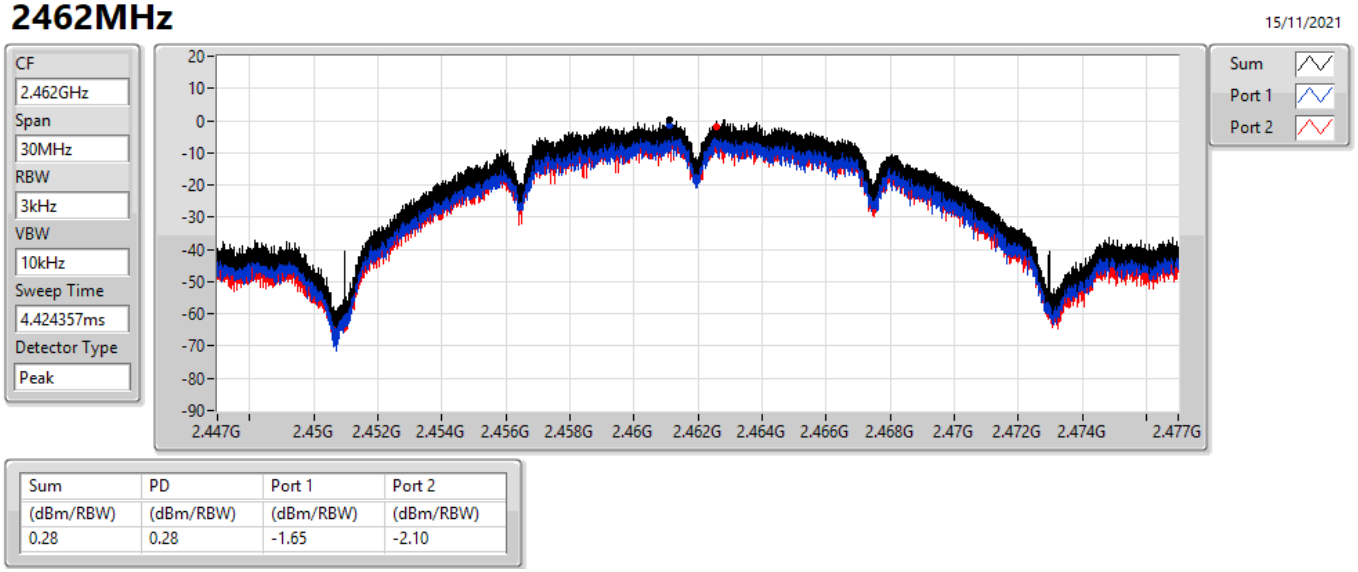
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.65	0.65	-1.41	-1.44

802.11b_Nss1,(1Mbps)_2TX PSD

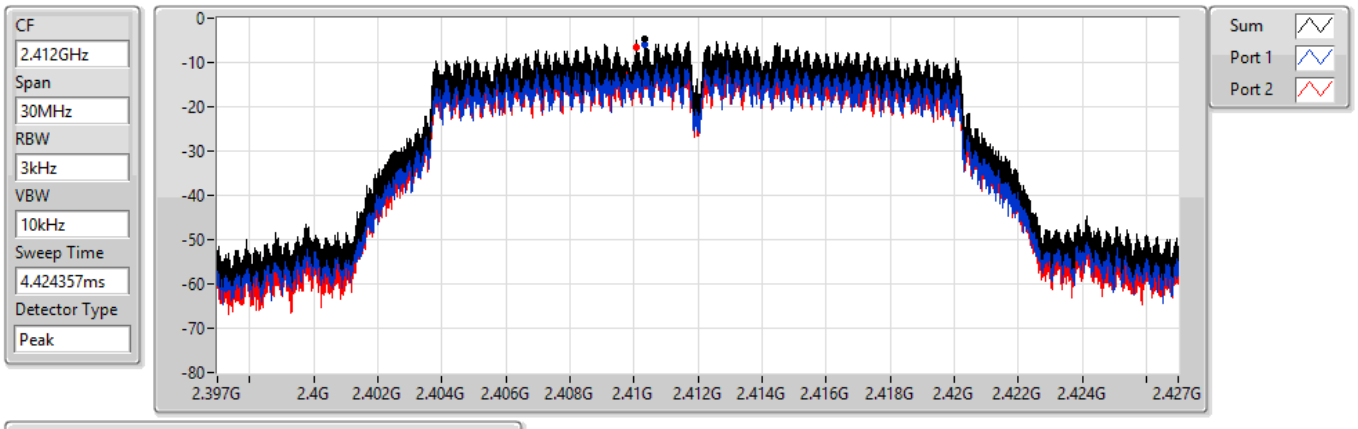
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.28	0.28	-1.65	-2.10

802.11g_Nss1,(6Mbps)_2TX PSD

2412MHz

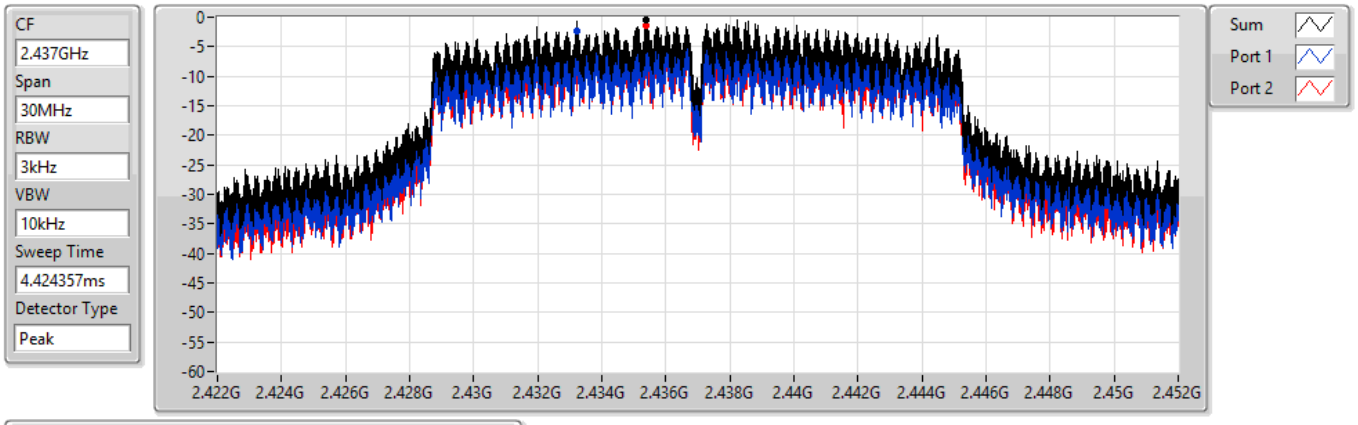


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.76	-4.76	-6.03	-6.67

802.11g_Nss1,(6Mbps)_2TX PSD

2437MHz

15/11/2021

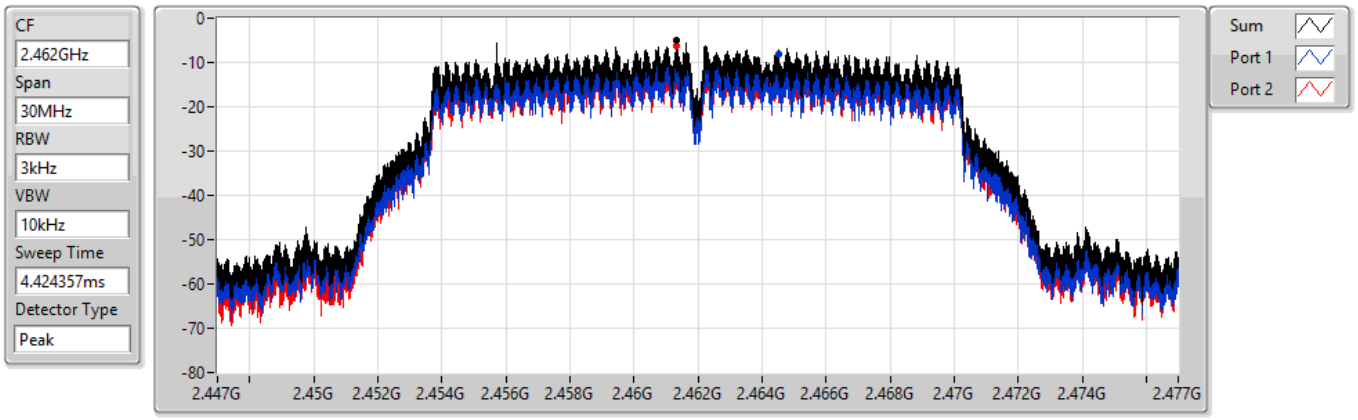


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.41	-0.41	-2.46	-1.44

802.11g_Nss1,(6Mbps)_2TX PSD

2462MHz

15/11/2021

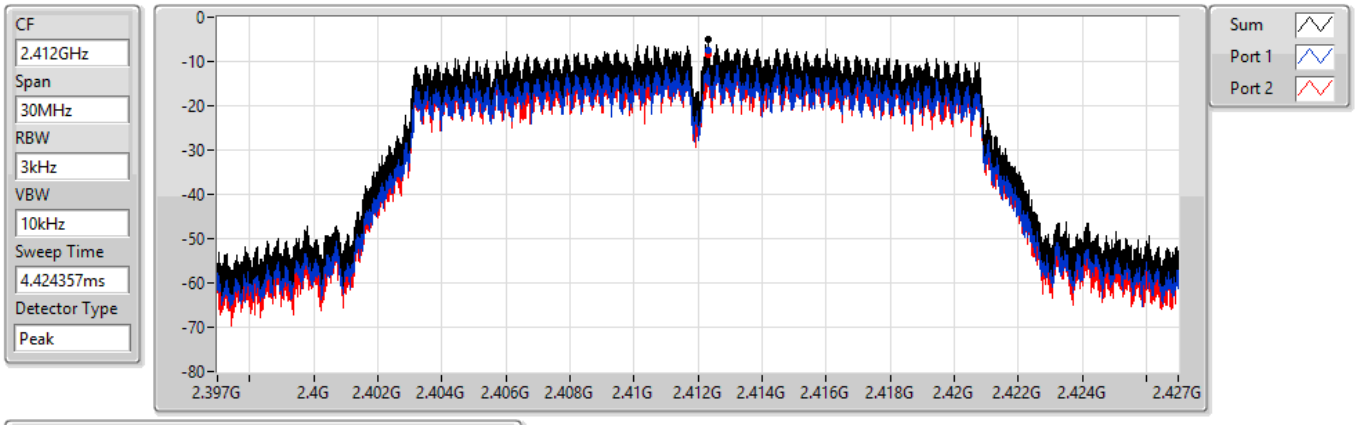


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.03	-5.03	-8.16	-6.18

802.11n HT20_Nss1,(MCS0)_2TX PSD

2412MHz

15/11/2021

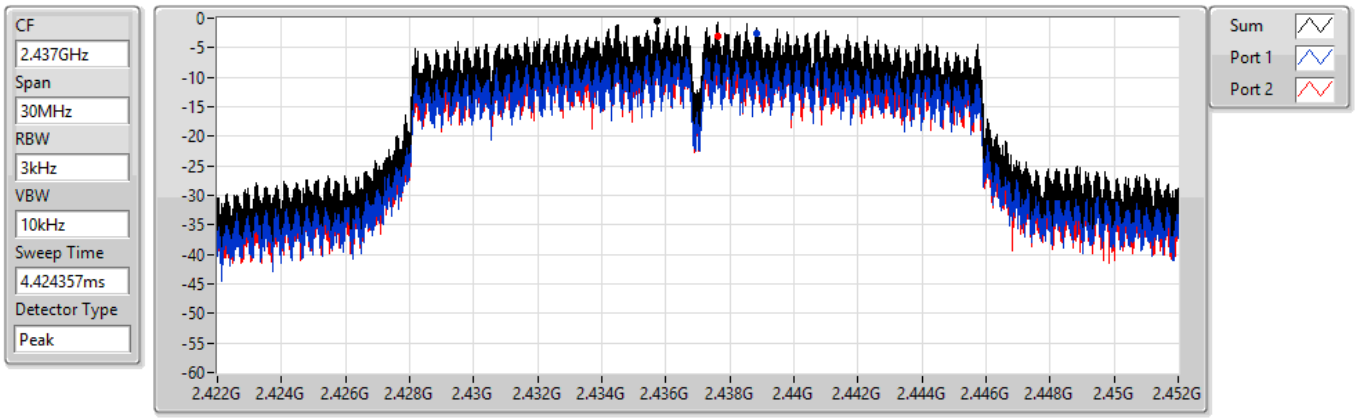


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.95	-4.95	-7.46	-8.52

802.11n HT20_Nss1,(MCS0)_2TX PSD

2437MHz

15/11/2021

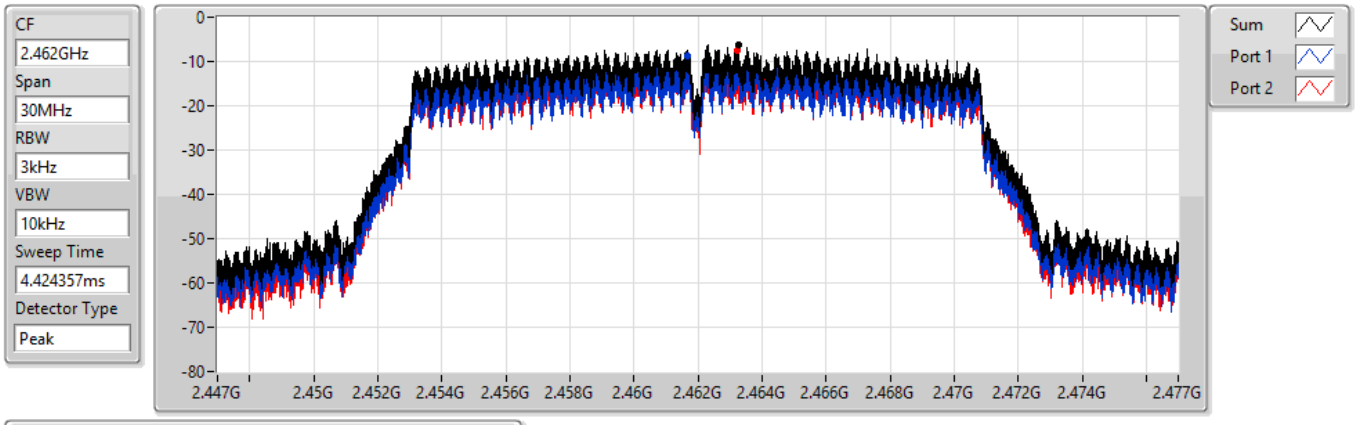


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.40	-0.40	-2.49	-3.00

802.11n HT20_Nss1,(MCS0)_2TX **PSD**

2462MHz

15/11/2021



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.11	-6.11	-8.68	-7.60

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	0.13
802.11g_Nss1,(6Mbps)_2TX	-0.30
802.11n HT20_Nss1,(MCS0)_2TX	0.40

RBW = 3kHz;

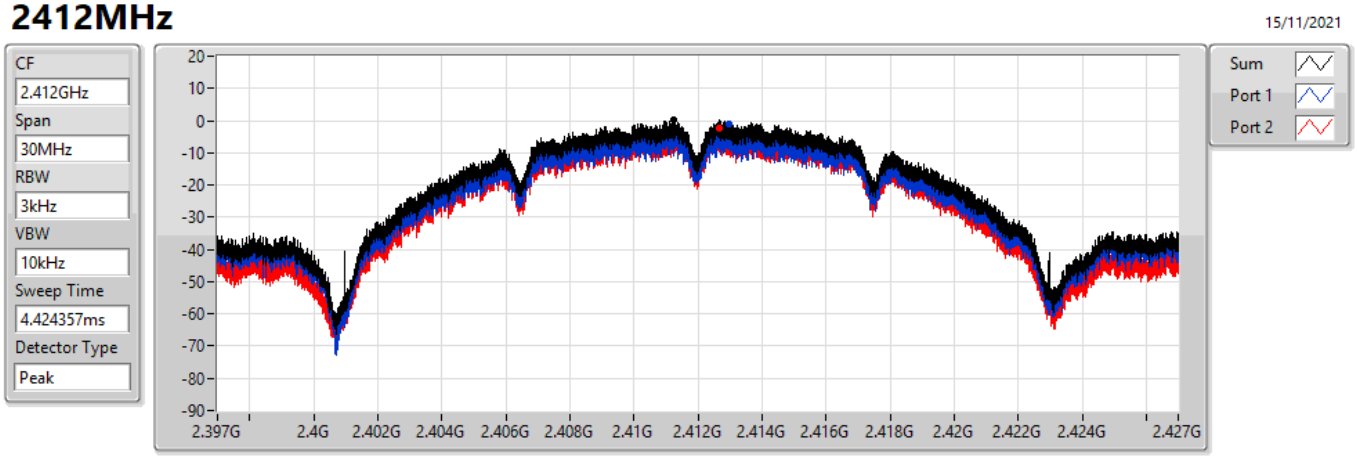
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.10	-1.07	-2.46	0.13	7.90
2437MHz	Pass	6.10	-2.44	-3.38	-0.19	7.90
2462MHz	Pass	6.10	-2.73	-1.96	-0.16	7.90
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.10	-5.51	-4.02	-3.59	7.90
2437MHz	Pass	6.10	-1.82	-2.01	-0.30	7.90
2462MHz	Pass	6.10	-5.42	-6.96	-4.38	7.90
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.10	-6.03	-7.58	-4.91	7.90
2437MHz	Pass	6.10	-1.01	-1.03	0.40	7.90
2462MHz	Pass	6.10	-6.93	-6.65	-5.05	7.90

DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11b_Nss1,(1Mbps)_2TX PSD

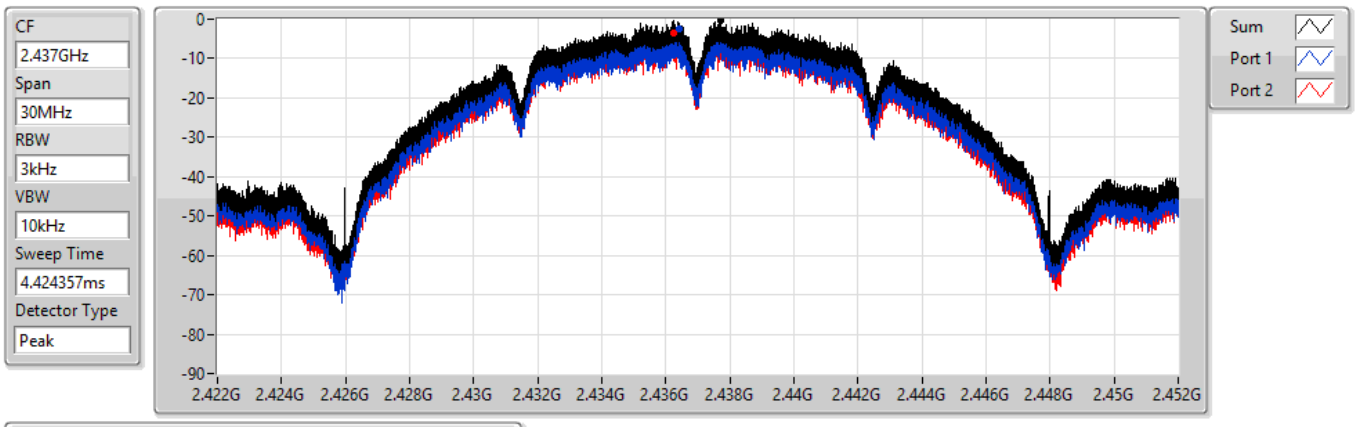
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.13	0.13	-1.07	-2.46

802.11b_Nss1,(1Mbps)_2TX PSD

2437MHz

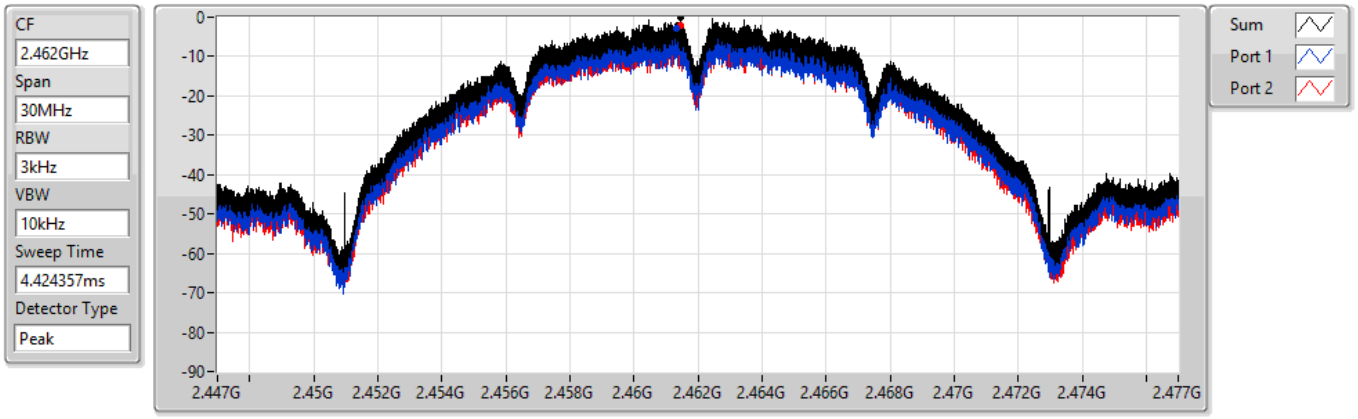


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.19	-0.19	-2.44	-3.38

802.11b_Nss1,(1Mbps)_2TX PSD

2462MHz

15/11/2021

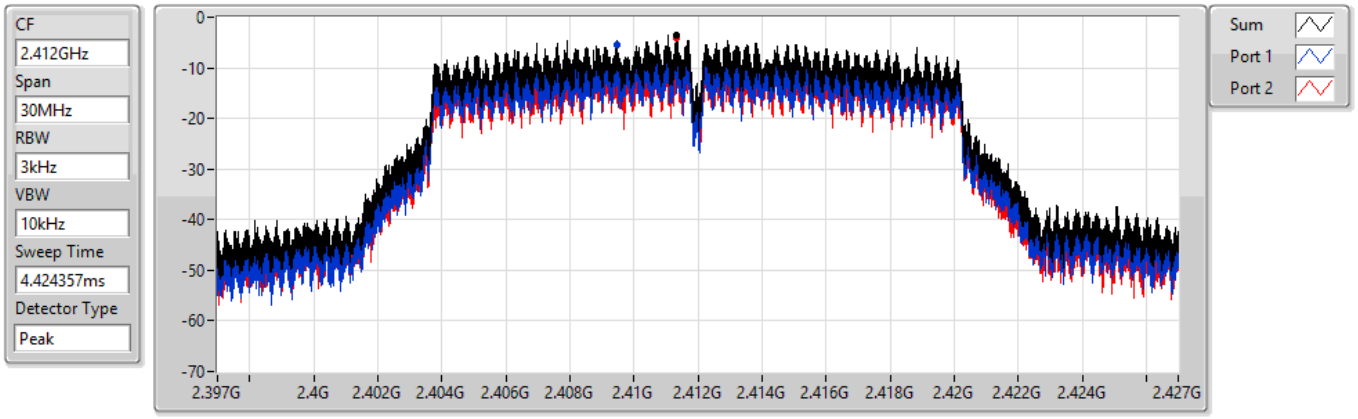


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.16	-0.16	-2.73	-1.96

802.11g_Nss1,(6Mbps)_2TX PSD

2412MHz

15/11/2021

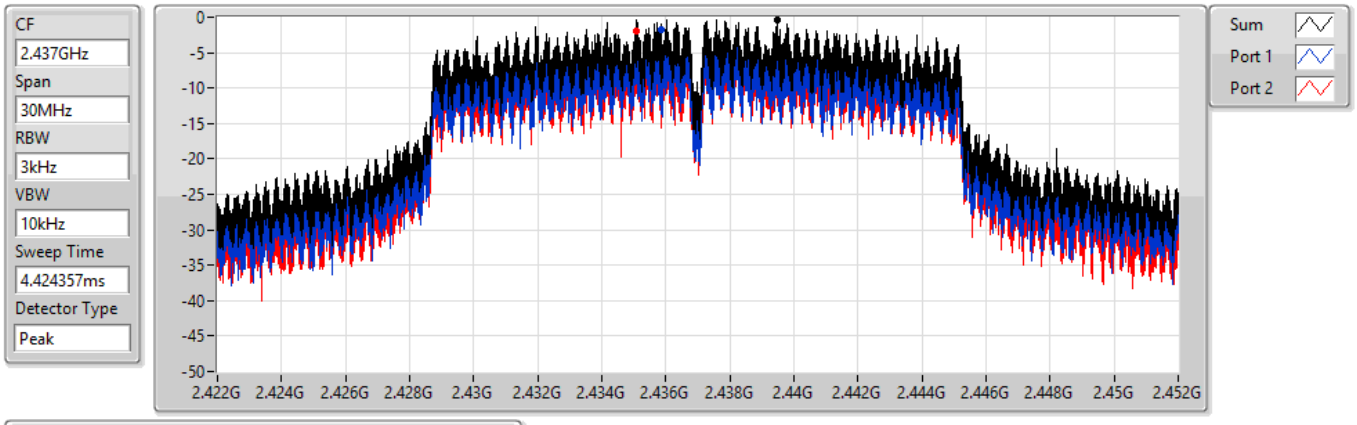


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.59	-3.59	-5.51	-4.02

802.11g_Nss1,(6Mbps)_2TX PSD

2437MHz

15/11/2021

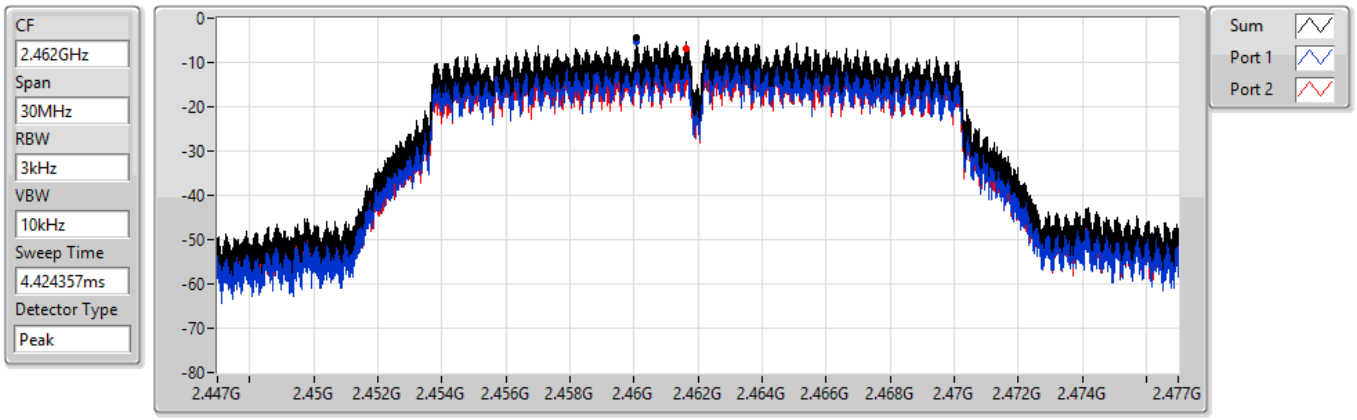


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.30	-0.30	-1.82	-2.01

802.11g_Nss1,(6Mbps)_2TX PSD

2462MHz

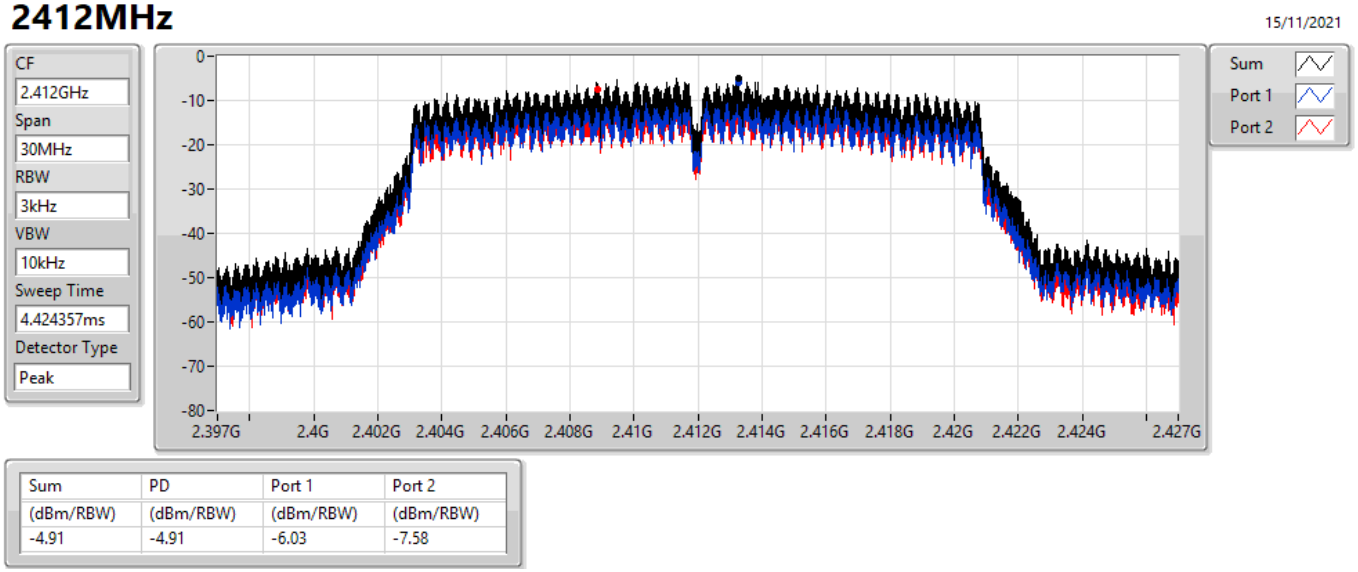
15/11/2021



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.38	-4.38	-5.42	-6.96

802.11n HT20_Nss1,(MCS0)_2TX PSD

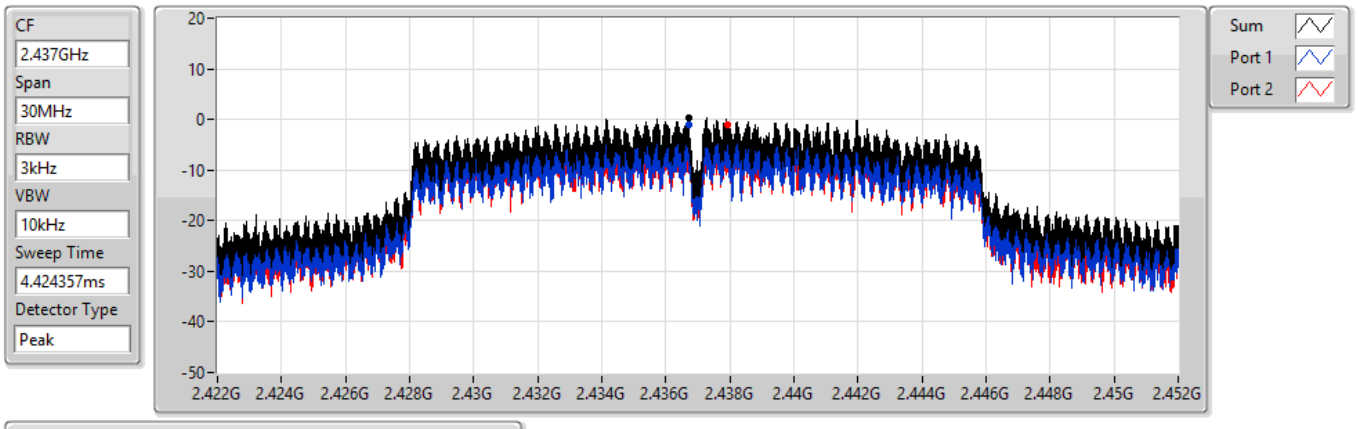
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.91	-4.91	-6.03	-7.58

802.11n HT20_Nss1,(MCS0)_2TX PSD

2437MHz

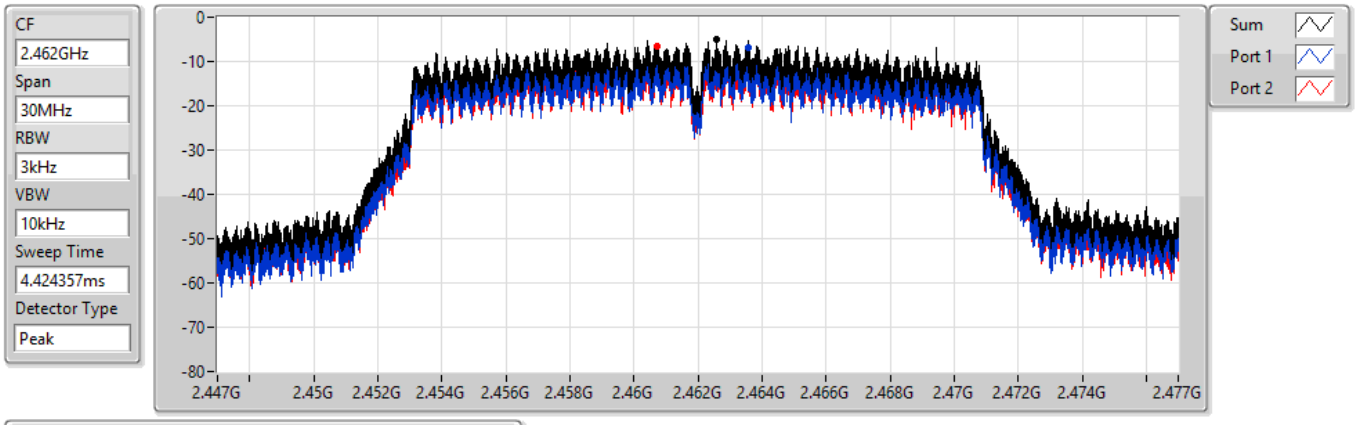


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.40	0.40	-1.01	-1.03

802.11n HT20_Nss1,(MCS0)_2TX **PSD**

2462MHz

15/11/2021



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.05	-5.05	-6.93	-6.65

Summary

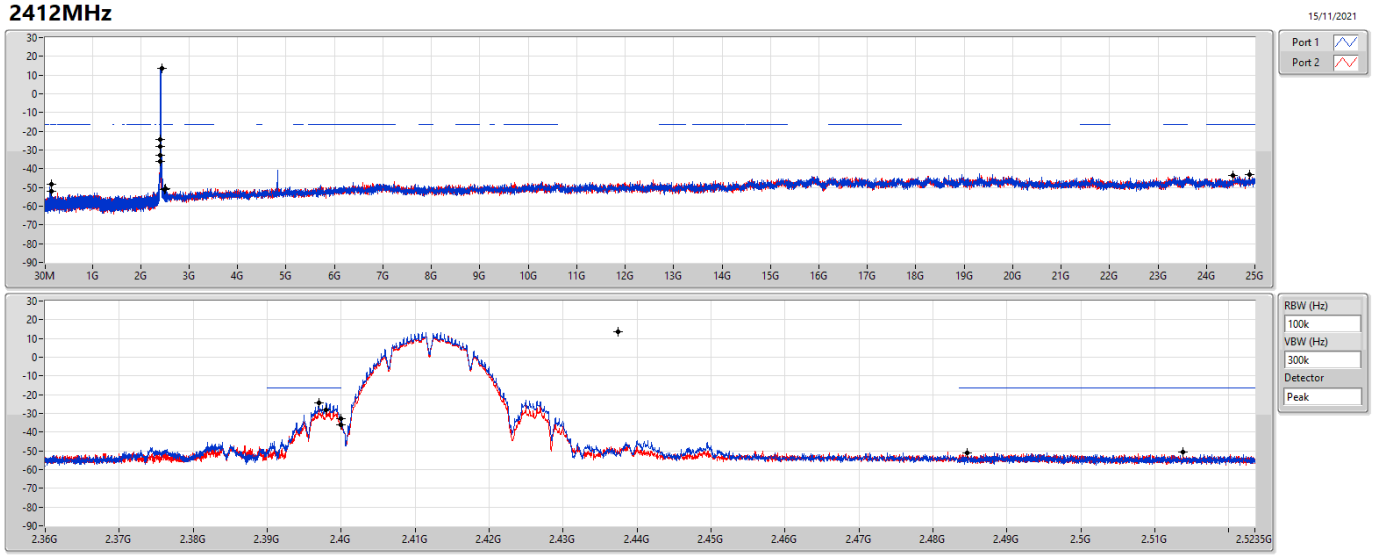
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.43745G	13.43	-16.57	159.9M	-48.22	2.39698G	-24.49	2.4G	-33.03	2.48462G	-51.06	24.89324G	-43.31	1
802.11g_Nss1,(6Mbps)_2TX	Pass	2.4357G	13.13	-16.87	159.9M	-49.25	2.39986G	-33.69	2.4G	-36.48	2.49036G	-49.95	17.64737G	-43.69	1
802.11n HT20_Nss1,(MCS0)_2TX	Pass	2.4357G	12.50	-17.50	159.9M	-49.00	2.3988G	-34.31	2.4G	-37.87	2.51756G	-50.33	23.34517G	-43.45	1

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43745G	13.43	-16.57	159.9M	-48.22	2.39698G	-24.49	2.4G	-33.03	2.48462G	-51.06	24.89324G	-43.31	1
2412MHz	Pass	2.43745G	13.43	-16.57	159.9M	-52.15	2.39796G	-28.02	2.4G	-36.30	2.51376G	-50.67	24.54485G	-43.52	2
2437MHz	Pass	2.43745G	13.43	-16.57	159.9M	-48.79	2.39792G	-48.65	2.4G	-49.22	2.52018G	-50.28	24.02508G	-43.63	1
2437MHz	Pass	2.43745G	13.43	-16.57	159.9M	-48.45	2.3975G	-49.71	2.4G	-52.83	2.484G	-50.60	23.56993G	-44.01	2
2462MHz	Pass	2.43745G	13.43	-16.57	159.9M	-48.83	2.39694G	-51.89	2.4835G	-48.67	2.48844G	-44.31	16.57693G	-42.08	1
2462MHz	Pass	2.43745G	13.43	-16.57	159.9M	-48.24	2.39216G	-52.25	2.4835G	-49.19	2.49146G	-46.42	17.61085G	-43.81	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.4357G	13.13	-16.87	159.9M	-49.25	2.39986G	-33.69	2.4G	-36.48	2.49036G	-49.95	17.64737G	-43.69	1
2412MHz	Pass	2.4357G	13.13	-16.87	159.9M	-49.02	2.39986G	-35.67	2.4G	-38.66	2.51432G	-49.92	23.28055G	-42.62	2
2437MHz	Pass	2.4357G	13.13	-16.87	159.9M	-49.27	2.39986G	-37.25	2.4G	-38.12	2.4835G	-39.44	23.59241G	-43.09	1
2437MHz	Pass	2.4357G	13.13	-16.87	159.9M	-48.77	2.3982G	-38.47	2.4G	-43.51	2.48508G	-42.12	24.6488G	-43.33	2
2462MHz	Pass	2.4357G	13.13	-16.87	159.9M	-49.64	2.39842G	-50.93	2.4835G	-47.43	2.48382G	-44.96	24.93257G	-43.72	1
2462MHz	Pass	2.4357G	13.13	-16.87	159.9M	-48.89	2.39948G	-50.29	2.4835G	-45.87	2.48354G	-44.58	23.57555G	-43.59	2
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.4357G	12.50	-17.50	159.9M	-49.00	2.3988G	-34.31	2.4G	-37.87	2.51756G	-50.33	23.34517G	-43.45	1
2412MHz	Pass	2.4357G	12.50	-17.50	159.9M	-48.03	2.39974G	-36.51	2.4G	-37.90	2.49614G	-50.59	17.62771G	-42.68	2
2437MHz	Pass	2.4357G	12.50	-17.50	159.9M	-48.85	2.39668G	-39.10	2.4G	-39.17	2.48414G	-40.99	23.33393G	-43.72	1
2437MHz	Pass	2.4357G	12.50	-17.50	159.9M	-48.48	2.39824G	-37.06	2.4G	-41.88	2.48976G	-41.41	16.26507G	-44.02	2
2462MHz	Pass	2.4357G	12.50	-17.50	159.9M	-47.90	2.3971G	-50.32	2.4835G	-44.87	2.48596G	-43.71	21.55829G	-44.16	1
2462MHz	Pass	2.4357G	12.50	-17.50	159.9M	-48.56	2.39912G	-51.49	2.4835G	-45.86	2.48412G	-43.73	17.68671G	-42.82	2

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

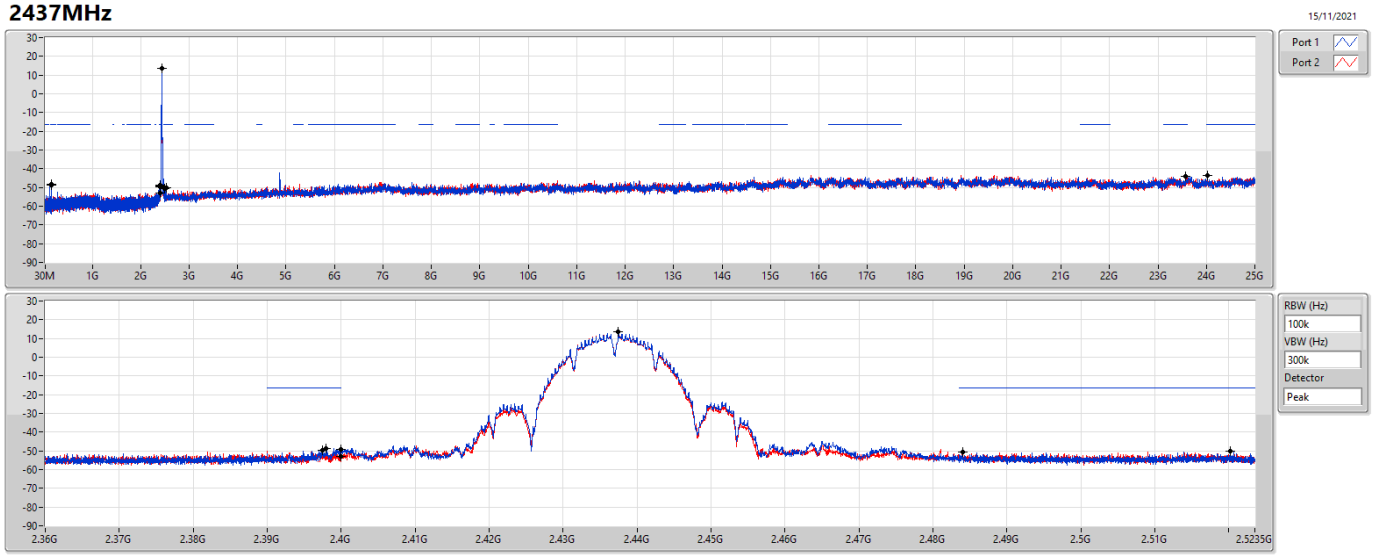
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43745G	13.43	-16.57	159.9M	-48.22	2.39698G	-24.49	2.4G	-33.03	2.48462G	-51.06	24.89324G	-43.31	1
2.43745G	13.43	-16.57	159.9M	-52.15	2.39796G	-28.02	2.4G	-36.30	2.51376G	-50.67	24.54485G	-43.52	2

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

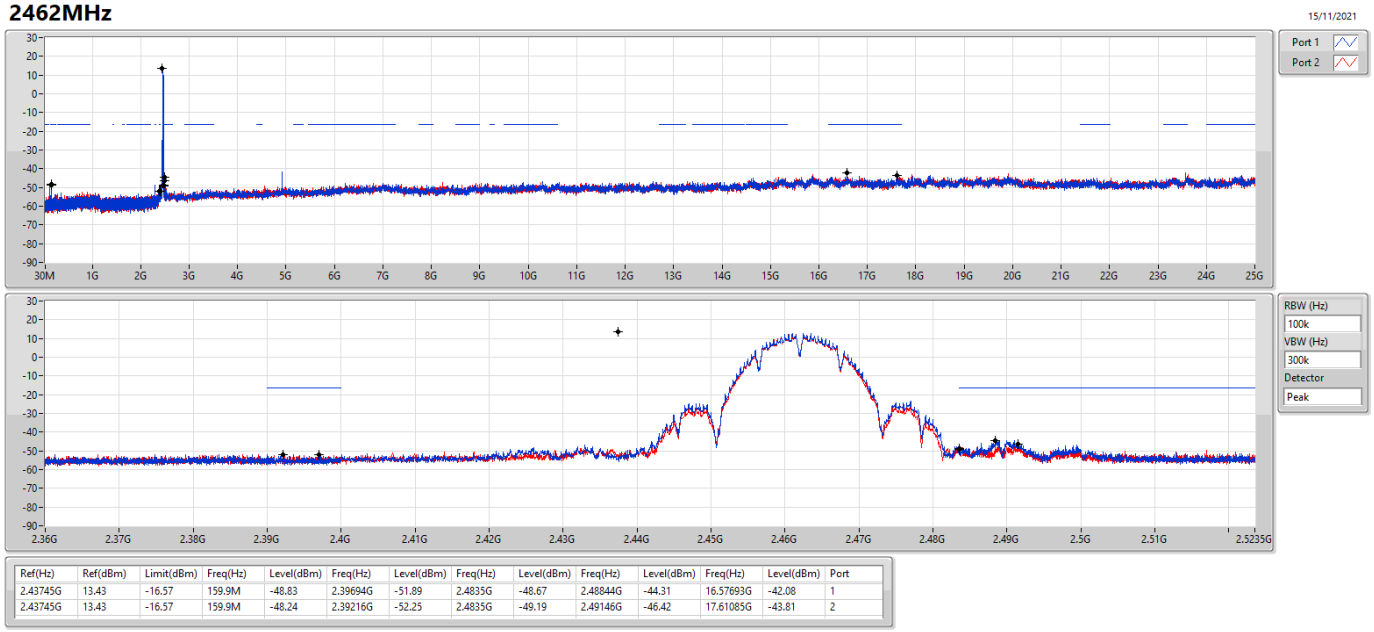
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43745G	13.43	-16.57	159.9M	-48.79	2.39792G	-48.65	2.4G	-49.22	2.52018G	-50.28	24.02508G	-43.63	1
2.43745G	13.43	-16.57	159.9M	-48.45	2.3975G	-49.71	2.4G	-52.83	2.484G	-50.60	23.56993G	-44.01	2

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

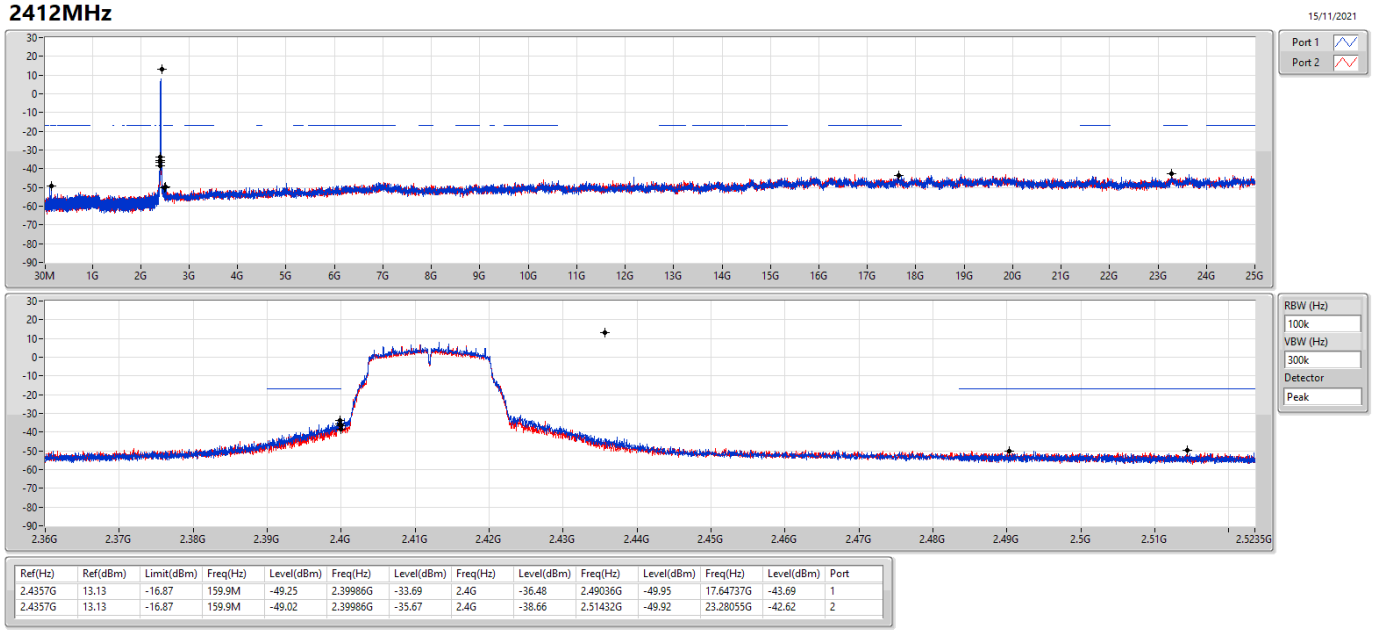
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43745G	13.43	-16.57	159.9M	-48.83	2.39694G	-51.89	2.4835G	-48.67	2.48844G	-44.31	16.57693G	-42.08	1
2.43745G	13.43	-16.57	159.9M	-48.24	2.39216G	-52.25	2.4835G	-49.19	2.49146G	-46.42	17.61085G	-43.81	2

802.11g_Nss1,(6Mbps)_2TX **CSENdB**

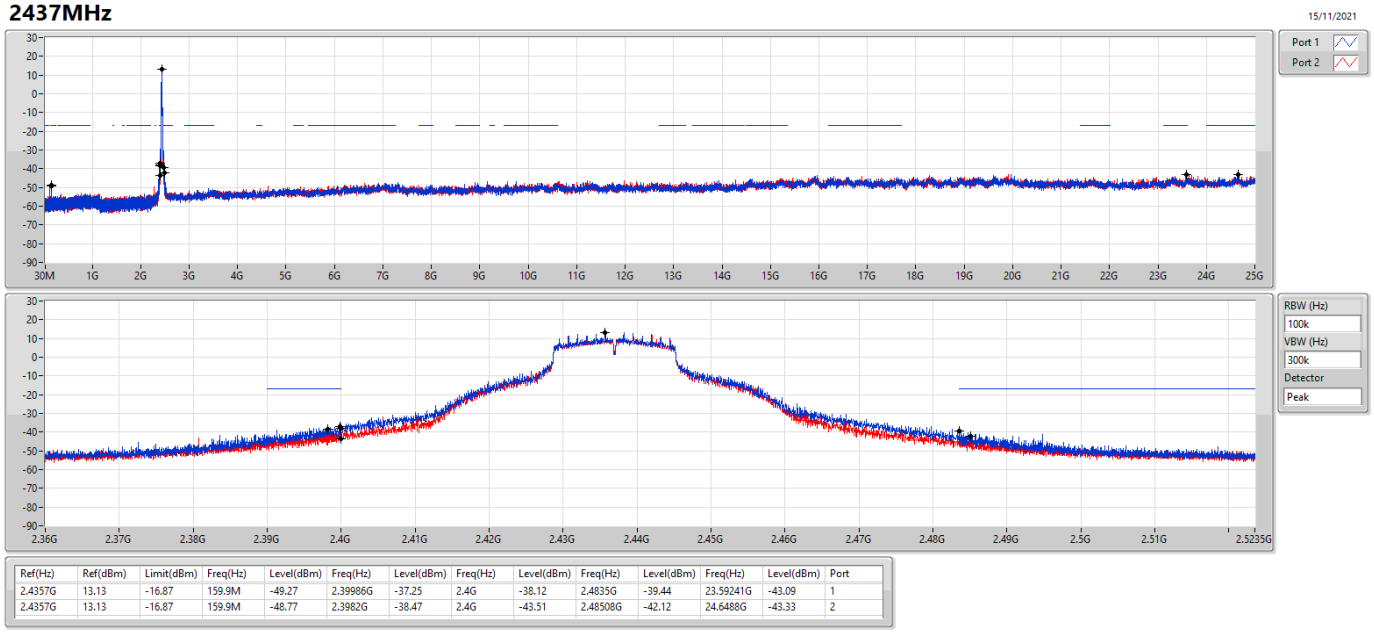
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4357G	13.13	-16.87	159.9M	-49.25	2.39986G	-33.69	2.4G	-36.48	2.49036G	-49.95	17.64737G	-43.69	1
2.4357G	13.13	-16.87	159.9M	-49.02	2.39986G	-35.67	2.4G	-38.66	2.51432G	-49.92	23.28055G	-42.62	2

802.11g_Nss1,(6Mbps)_2TX **CSENdB**

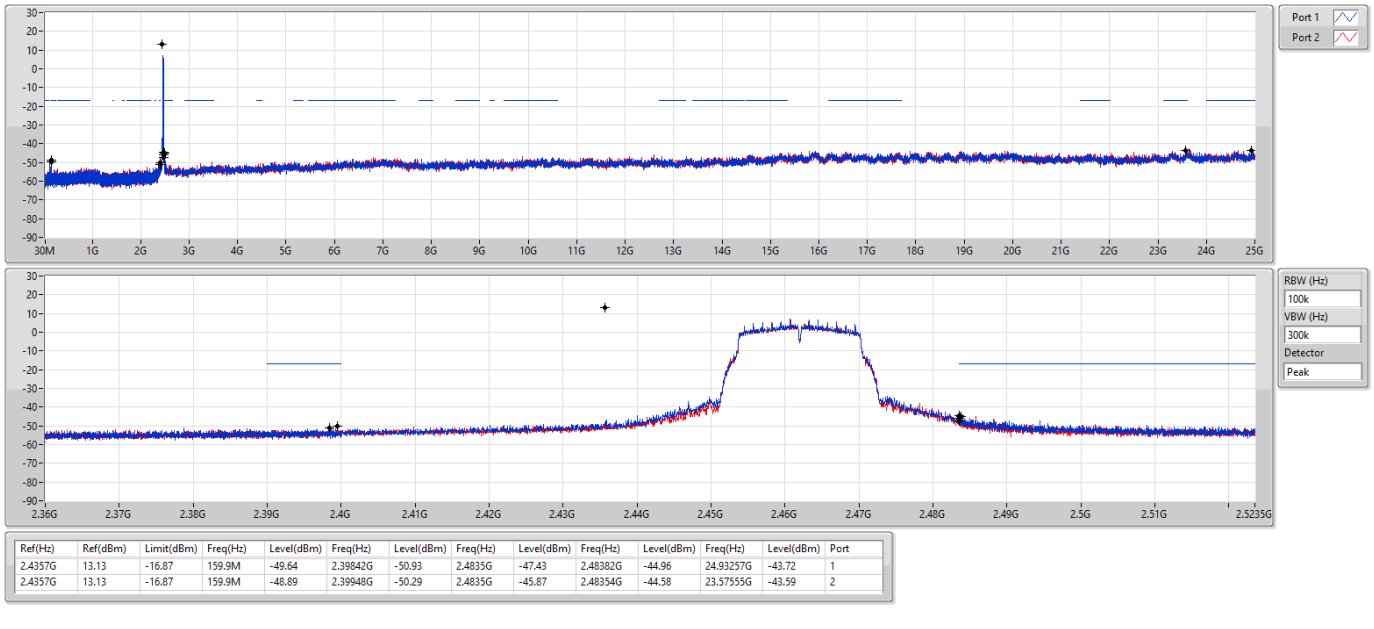
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4357G	13.13	-16.87	159.9M	-49.27	2.39986G	-37.25	2.4G	-38.12	2.4835G	-39.44	23.59241G	-43.09	1
2.4357G	13.13	-16.87	159.9M	-48.77	2.3982G	-38.47	2.4G	-43.51	2.48508G	-42.12	24.6488G	-43.33	2

802.11g_Nss1,(6Mbps)_2TX **CSENdB**

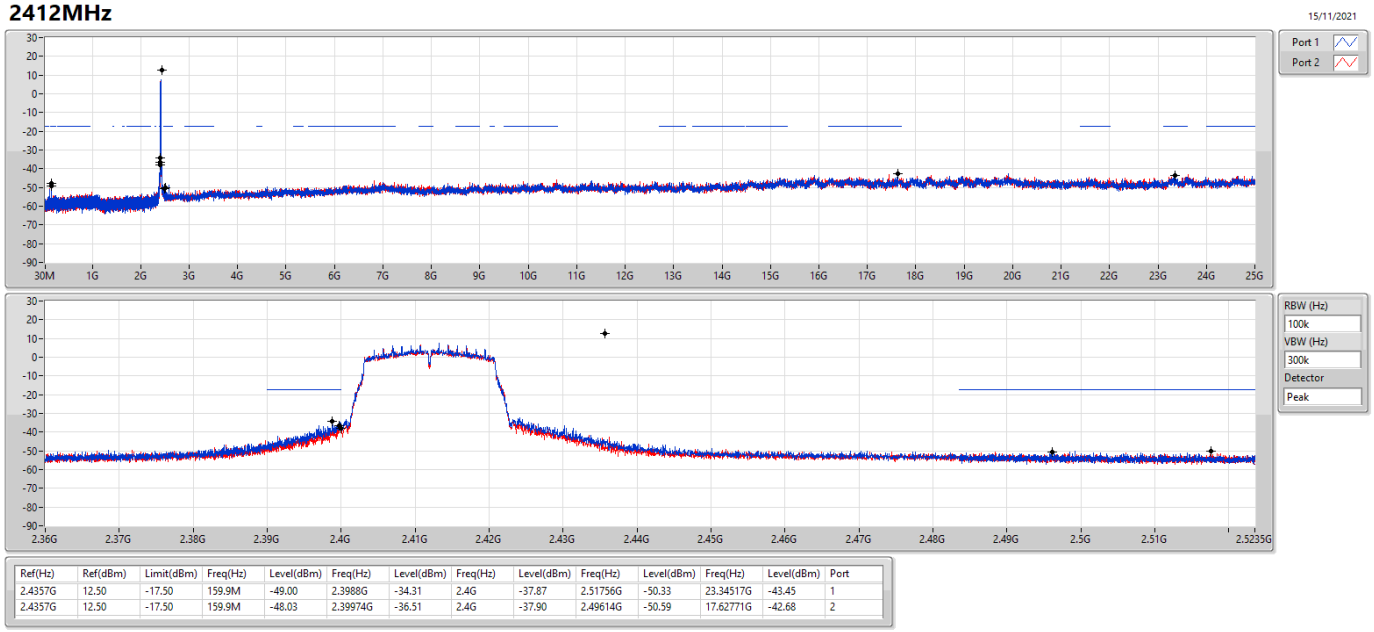
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4357G	13.13	-16.87	159.9M	-49.64	2.39842G	-50.93	2.4835G	-47.43	2.48382G	-44.96	24.93257G	-43.72	1
2.4357G	13.13	-16.87	159.9M	-48.89	2.39948G	-50.29	2.4835G	-45.87	2.48354G	-44.58	23.57555G	-43.59	2

802.11n HT20_Nss1,(MCS0)_2TX **CSENdB**

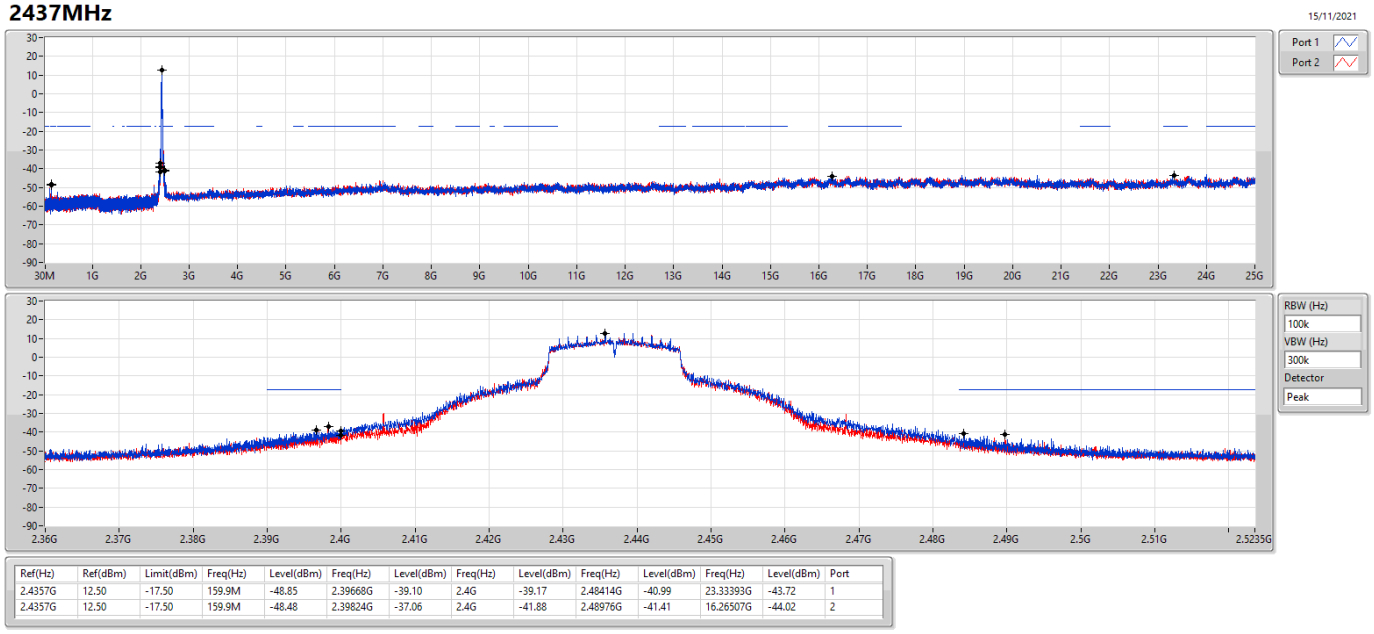
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4357G	12.50	-17.50	159.9M	-49.00	2.3988G	-34.31	2.4G	-37.87	2.51756G	-50.33	23.34517G	-43.45	1
2.4357G	12.50	-17.50	159.9M	-48.03	2.39974G	-36.51	2.4G	-37.90	2.49614G	-50.59	17.62771G	-42.68	2

802.11n HT20_Nss1,(MCS0)_2TX **CSENdB**

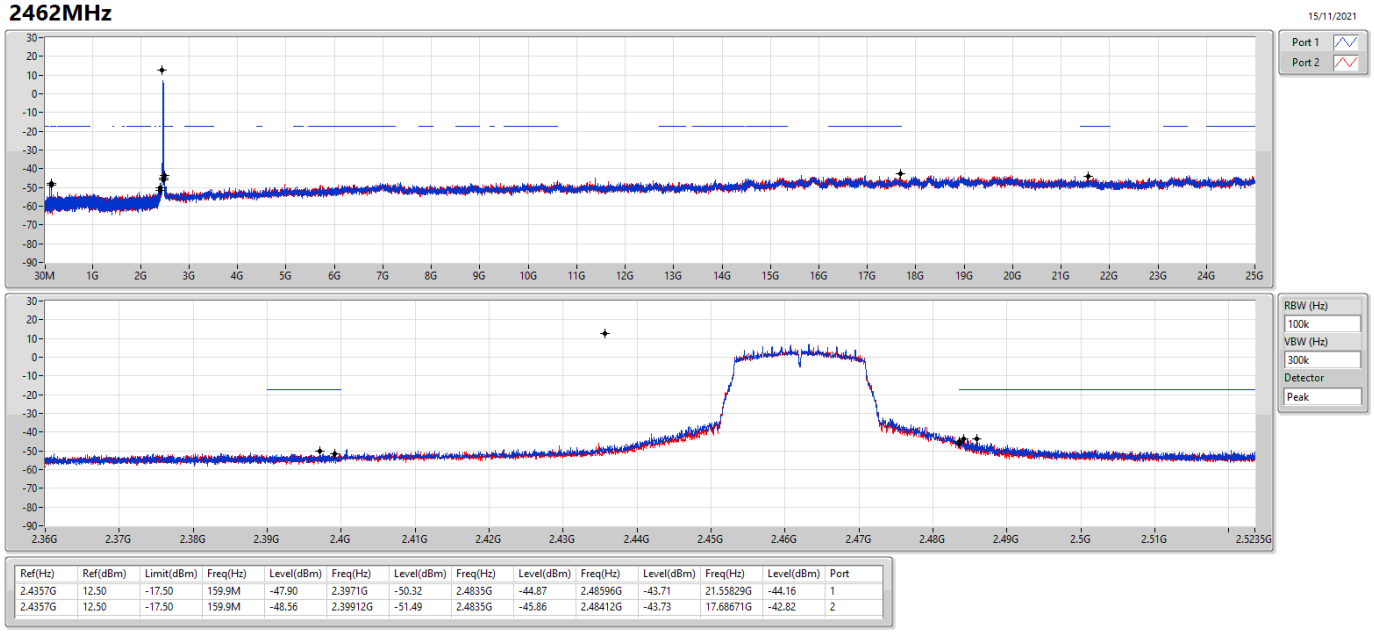
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4357G	12.50	-17.50	159.9M	-48.85	2.39668G	-39.10	2.4G	-39.17	2.48414G	-40.99	23.33393G	-43.72	1
2.4357G	12.50	-17.50	159.9M	-48.48	2.39824G	-37.06	2.4G	-41.88	2.48976G	-41.41	16.26507G	-44.02	2

802.11n HT20_Nss1,(MCS0)_2TX CSENdB

2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4357G	12.50	-17.50	159.9M	-47.90	2.3971G	-50.32	2.4835G	-44.87	2.48596G	-43.71	21.55829G	-44.16	1
2.4357G	12.50	-17.50	159.9M	-48.56	2.39912G	-51.49	2.4835G	-45.86	2.48412G	-43.73	17.68671G	-42.82	2

Summary

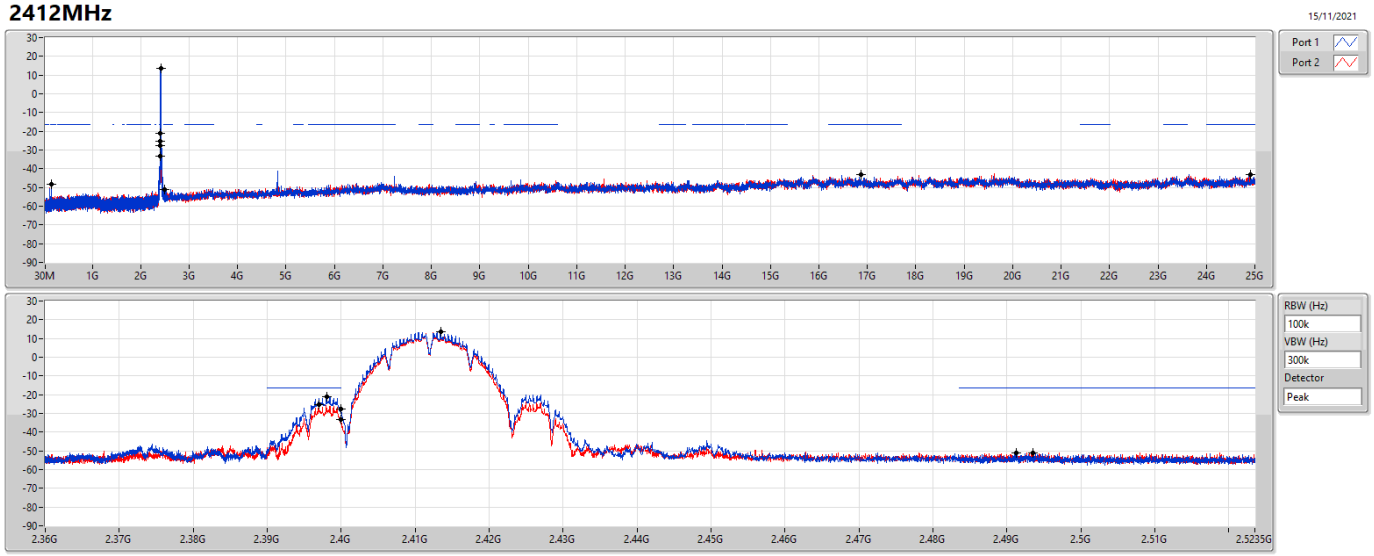
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.41344G	13.39	-16.61	159.9M	-48.16	2.398G	-21.17	2.4G	-27.67	2.4912G	-51.01	16.87475G	-43.27	1
802.11g_Nss1,(6Mbps)_2TX	Pass	2.4382G	13.52	-16.48	159.9M	-49.97	2.3999G	-25.54	2.4G	-27.15	2.4933G	-49.66	24.67971G	-43.43	2
802.11n HT20_Nss1,(MCS0)_2TX	Pass	2.4382G	14.08	-15.92	159.9M	-48.00	2.3995G	-28.79	2.4G	-30.29	2.50254G	-50.11	17.6558G	-43.65	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	2.41344G	13.39	-16.61	159.9M	-48.16	2.398G	-21.17	2.4G	-27.67	2.4912G	-51.01	16.87475G	-43.27	1
2412MHz	Pass	2.41344G	13.39	-16.61	159.9M	-48.20	2.39698G	-25.30	2.4G	-33.23	2.49348G	-51.02	24.90447G	-43.24	2
2437MHz	Pass	2.41344G	13.39	-16.61	159.9M	-48.48	2.3997G	-50.10	2.4G	-53.16	2.5152G	-51.09	17.61647G	-44.19	1
2437MHz	Pass	2.41344G	13.39	-16.61	159.9M	-48.05	2.39696G	-50.42	2.4835G	-52.91	2.4839G	-51.06	16.61065G	-43.96	2
2462MHz	Pass	2.41344G	13.39	-16.61	159.9M	-48.40	2.39402G	-51.58	2.4835G	-48.69	2.48848G	-43.78	17.62771G	-43.93	1
2462MHz	Pass	2.41344G	13.39	-16.61	159.9M	-48.08	2.39666G	-52.10	2.4835G	-50.68	2.48748G	-47.92	23.28617G	-44.15	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.4382G	13.52	-16.48	159.9M	-48.98	2.39982G	-25.59	2.4G	-28.14	2.48824G	-49.20	24.84266G	-43.79	1
2412MHz	Pass	2.4382G	13.52	-16.48	159.9M	-49.97	2.3999G	-25.54	2.4G	-27.15	2.4933G	-49.66	24.67971G	-43.43	2
2437MHz	Pass	2.4382G	13.52	-16.48	159.9M	-50.35	2.39976G	-34.43	2.4G	-36.90	2.48818G	-38.52	16.6556G	-42.00	1
2437MHz	Pass	2.4382G	13.52	-16.48	159.9M	-51.20	2.39914G	-38.48	2.4G	-40.75	2.48758G	-41.72	24.5898G	-43.58	2
2462MHz	Pass	2.4382G	13.52	-16.48	159.9M	-49.38	2.39882G	-50.30	2.4835G	-41.91	2.48356G	-36.95	24.87638G	-43.38	1
2462MHz	Pass	2.4382G	13.52	-16.48	159.9M	-46.67	2.39474G	-50.08	2.4835G	-40.46	2.48372G	-39.66	21.48524G	-42.15	2
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.4382G	14.08	-15.92	159.9M	-49.18	2.39986G	-29.88	2.4G	-33.15	2.48478G	-48.92	24.68814G	-43.34	1
2412MHz	Pass	2.4382G	14.08	-15.92	159.9M	-48.00	2.3995G	-28.79	2.4G	-30.29	2.50254G	-50.11	17.6558G	-43.65	2
2437MHz	Pass	2.4382G	14.08	-15.92	159.9M	-49.39	2.39974G	-31.07	2.4G	-34.14	2.48544G	-35.35	24.55047G	-43.55	1
2437MHz	Pass	2.4382G	14.08	-15.92	159.9M	-48.08	2.39932G	-32.06	2.4G	-37.48	2.48566G	-37.95	16.31564G	-43.55	2
2462MHz	Pass	2.4382G	14.08	-15.92	159.9M	-50.34	2.39446G	-48.77	2.4835G	-39.14	2.48384G	-37.80	16.28755G	-42.53	1
2462MHz	Pass	2.4382G	14.08	-15.92	159.9M	-49.66	2.39506G	-50.39	2.4835G	-36.99	2.48386G	-36.95	25G	-44.26	2

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

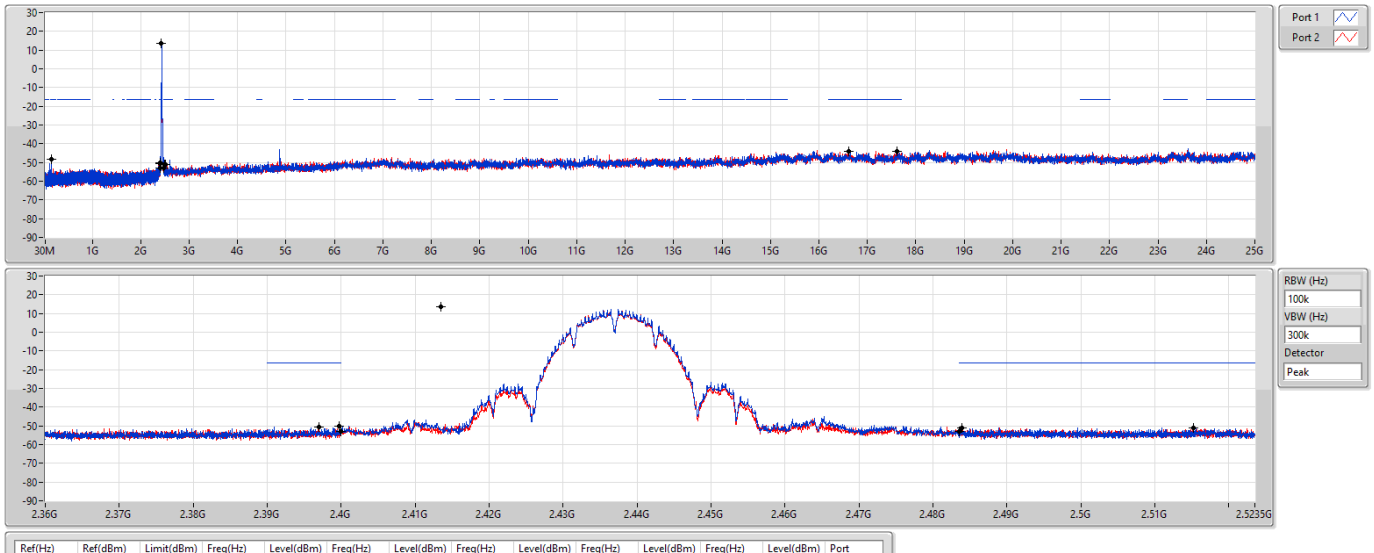
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41344G	13.39	-16.61	159.9M	-48.16	2.398G	-21.17	2.4G	-27.67	2.4912G	-51.01	16.87475G	-43.27	1
2.41344G	13.39	-16.61	159.9M	-48.20	2.39698G	-25.30	2.4G	-33.23	2.49348G	-51.02	24.90447G	-43.24	2

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

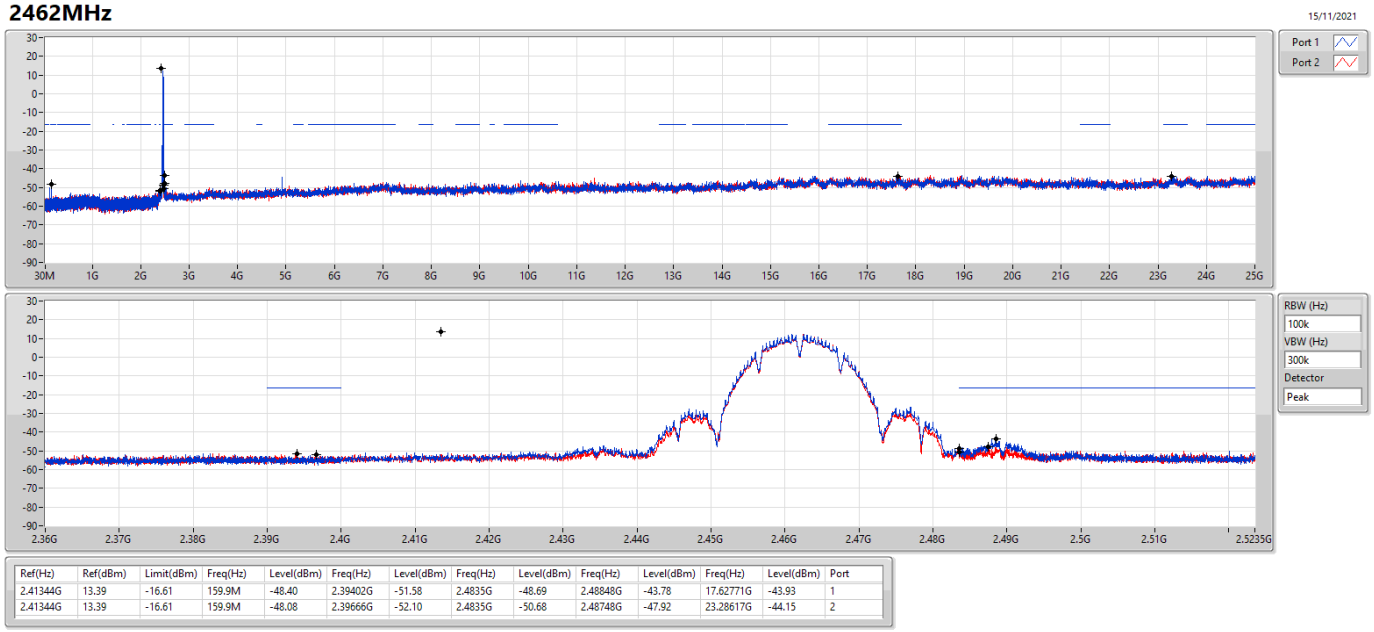
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41344G	13.39	-16.61	159.9M	-48.48	2.3997G	-50.10	2.4G	-53.16	2.5152G	-51.09	17.61647G	-44.19	1
2.41344G	13.39	-16.61	159.9M	-48.05	2.39696G	-50.42	2.4835G	-52.91	2.4839G	-51.06	16.61065G	-43.96	2

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

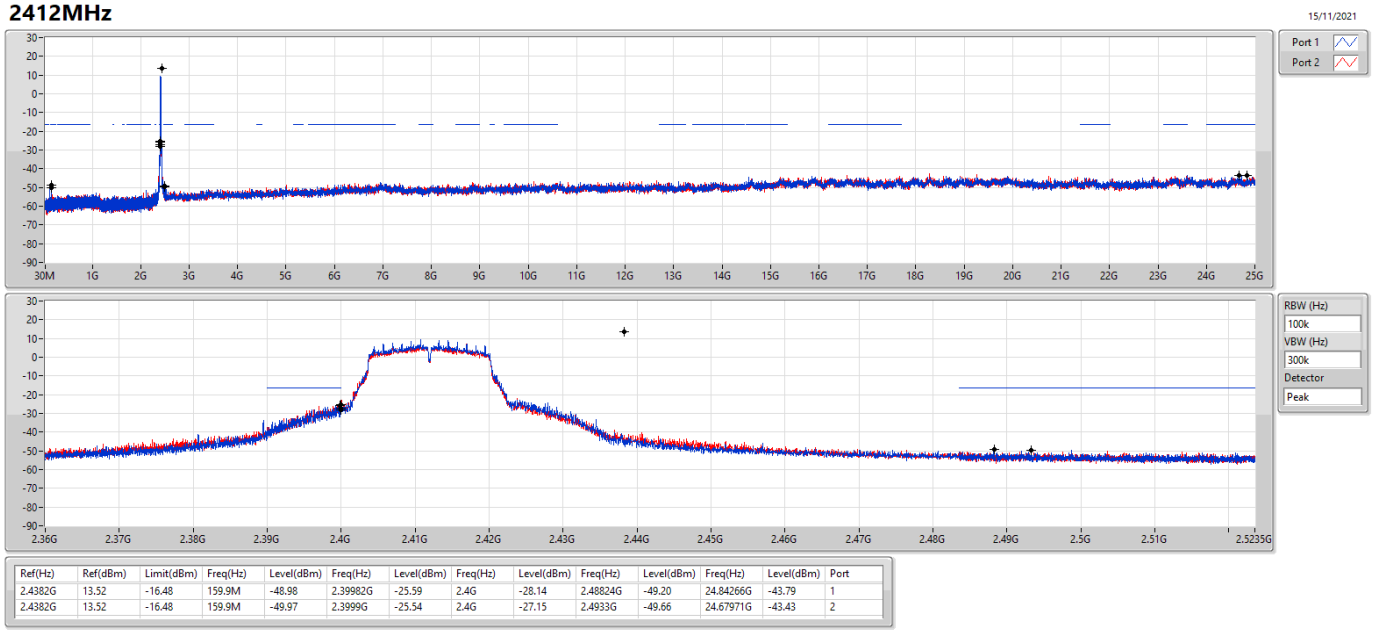
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41344G	13.39	-16.61	159.9M	-48.40	2.39402G	-51.58	2.4835G	-48.69	2.48848G	-43.78	17.62771G	-43.93	1
2.41344G	13.39	-16.61	159.9M	-48.08	2.39666G	-52.10	2.4835G	-50.68	2.48748G	-47.92	23.28617G	-44.15	2

802.11g_Nss1,(6Mbps)_2TX **CSENdB**

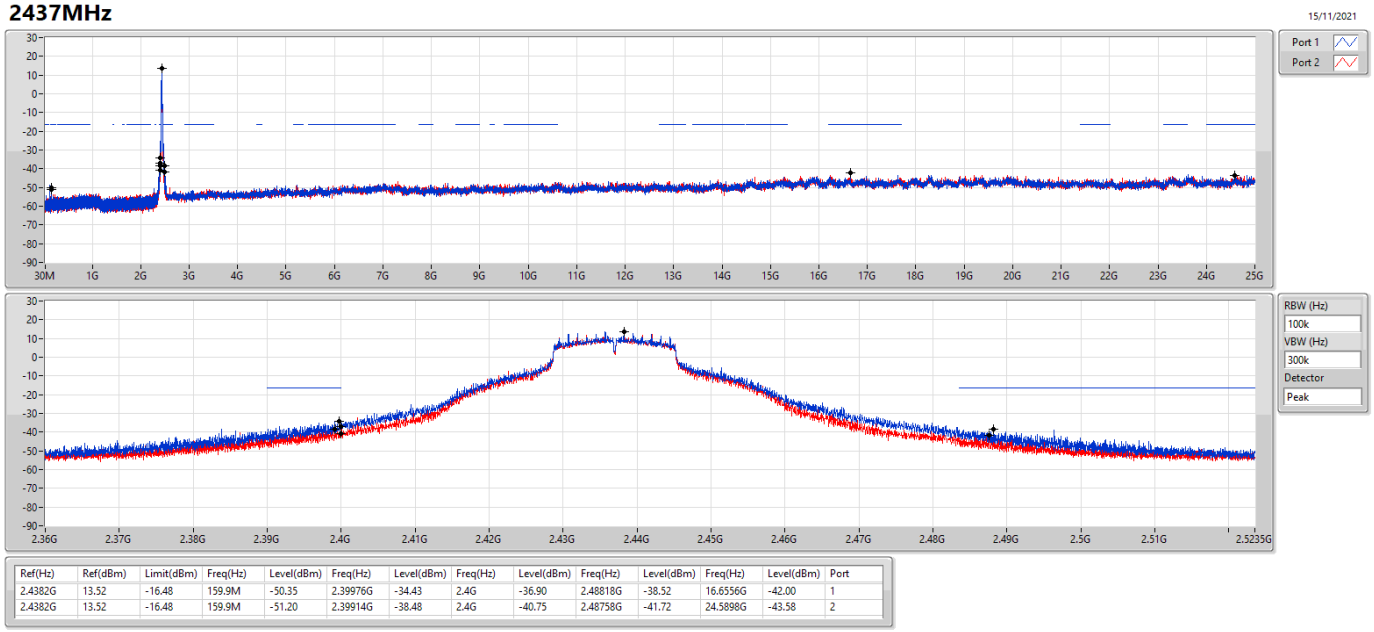
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4382G	13.52	-16.48	159.9M	-48.98	2.39982G	-25.59	2.4G	-28.14	2.48824G	-49.20	24.84266G	-43.79	1
2.4382G	13.52	-16.48	159.9M	-49.97	2.3999G	-25.54	2.4G	-27.15	2.4933G	-49.66	24.67971G	-43.43	2

802.11g_Nss1,(6Mbps)_2TX **CSENdB**

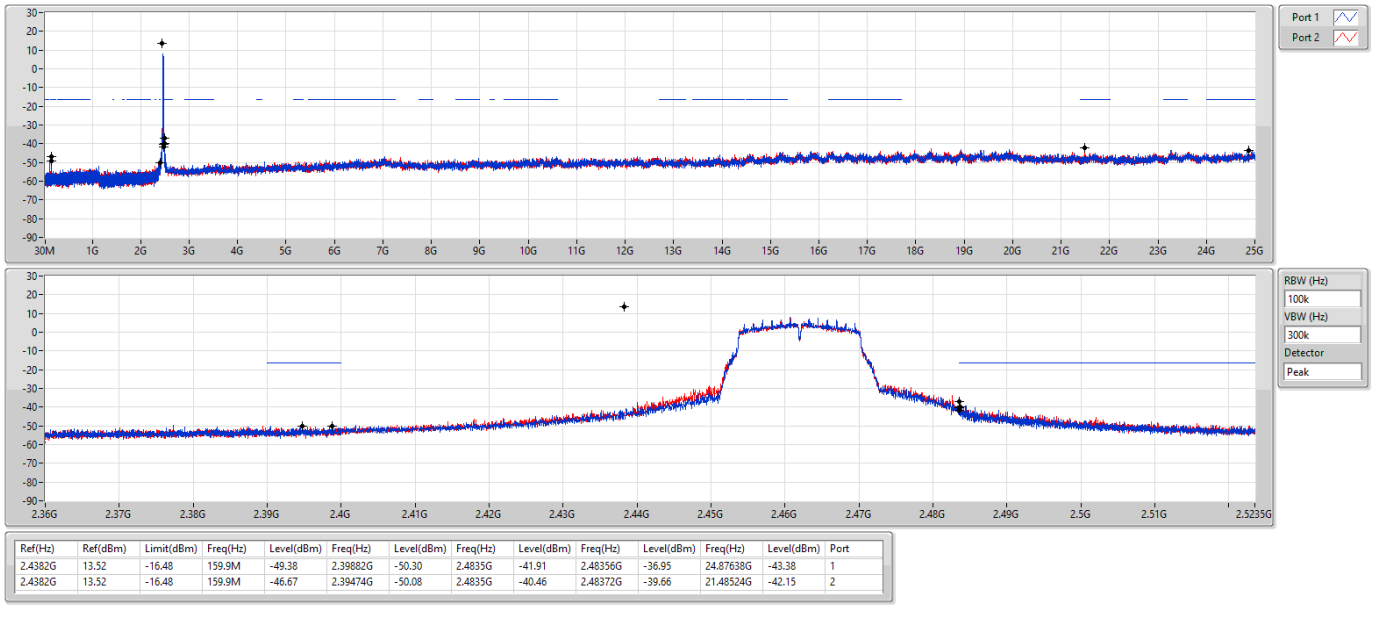
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4382G	13.52	-16.48	159.9M	-50.35	2.39976G	-34.43	2.4G	-36.90	2.48818G	-38.52	16.6556G	-42.00	1
2.4382G	13.52	-16.48	159.9M	-51.20	2.39914G	-38.48	2.4G	-40.75	2.48758G	-41.72	24.5898G	-43.58	2

802.11g_Nss1,(6Mbps)_2TX **CSENdB**

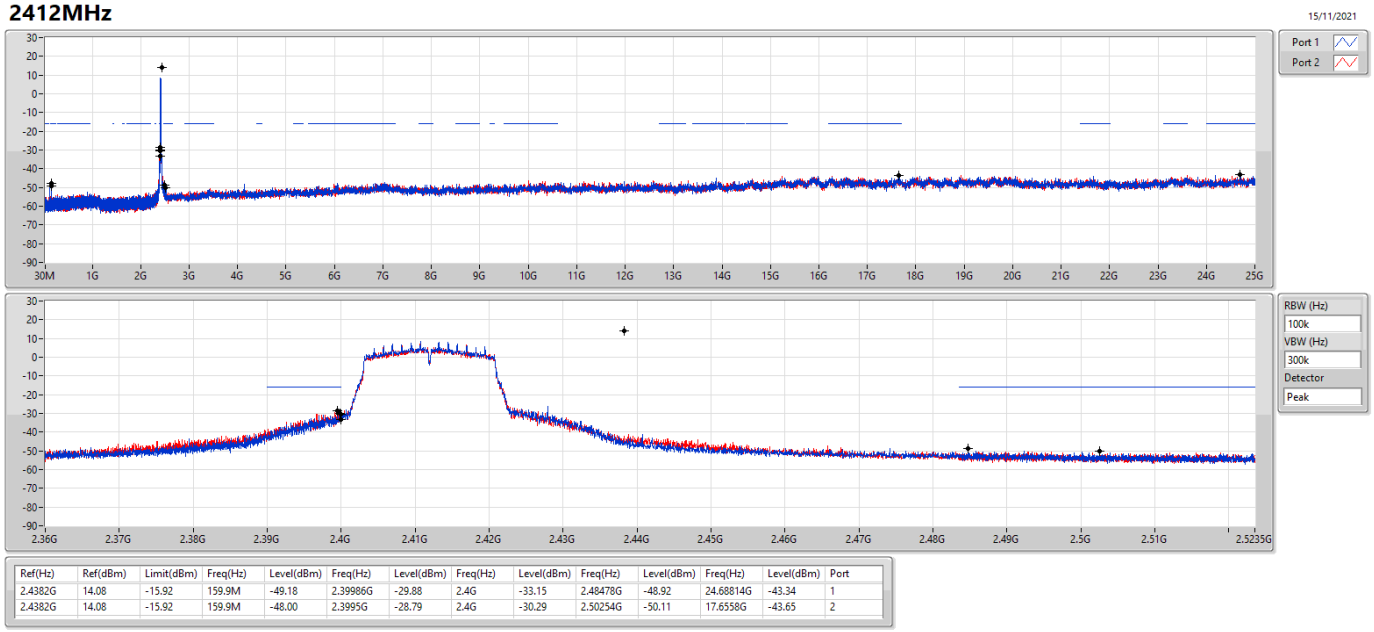
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4382G	13.52	-16.48	159.9M	-49.38	2.39882G	-50.30	2.4835G	-41.91	2.48356G	-36.95	24.87638G	-43.38	1
2.4382G	13.52	-16.48	159.9M	-46.67	2.39474G	-50.08	2.4835G	-40.46	2.48372G	-39.66	21.48524G	-42.15	2

802.11n HT20_Nss1,(MCS0)_2TX **CSENdB**

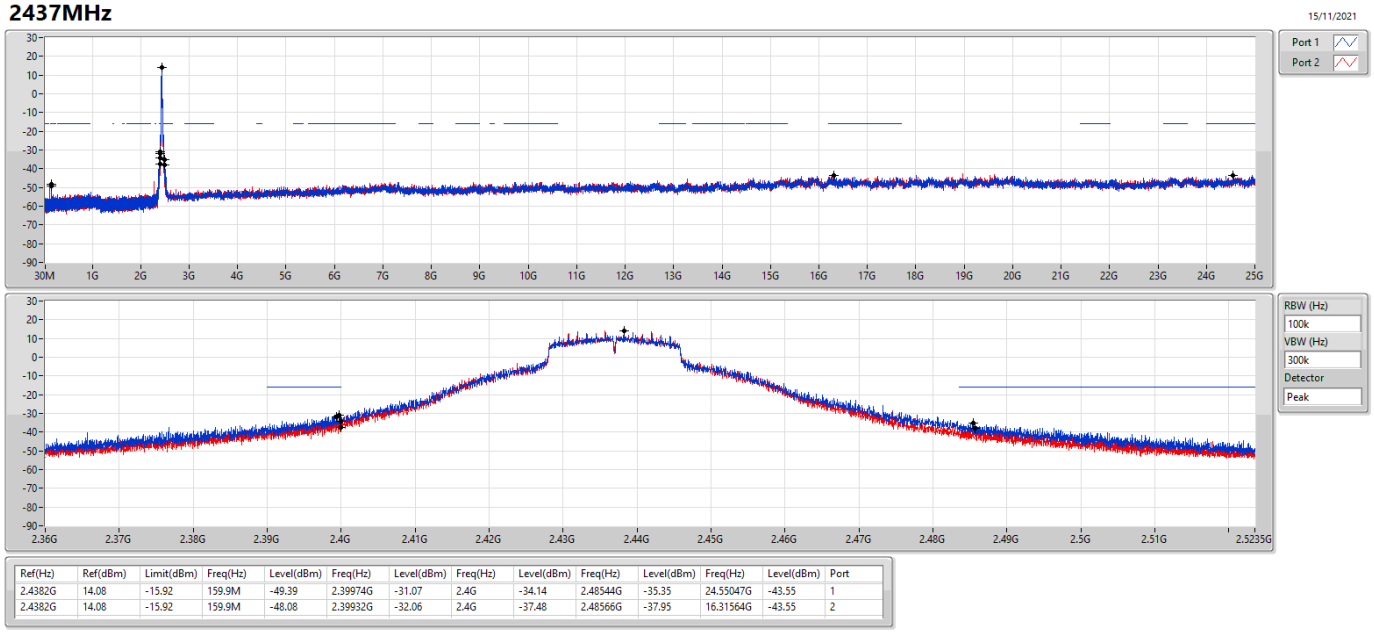
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4382G	14.08	-15.92	159.9M	-49.18	2.39986G	-29.88	2.4G	-33.15	2.48478G	-48.92	24.68814G	-43.34	1
2.4382G	14.08	-15.92	159.9M	-48.00	2.3995G	-28.79	2.4G	-30.29	2.50254G	-50.11	17.6558G	-43.65	2

802.11n HT20_Nss1,(MCS0)_2TX **CSENdB**

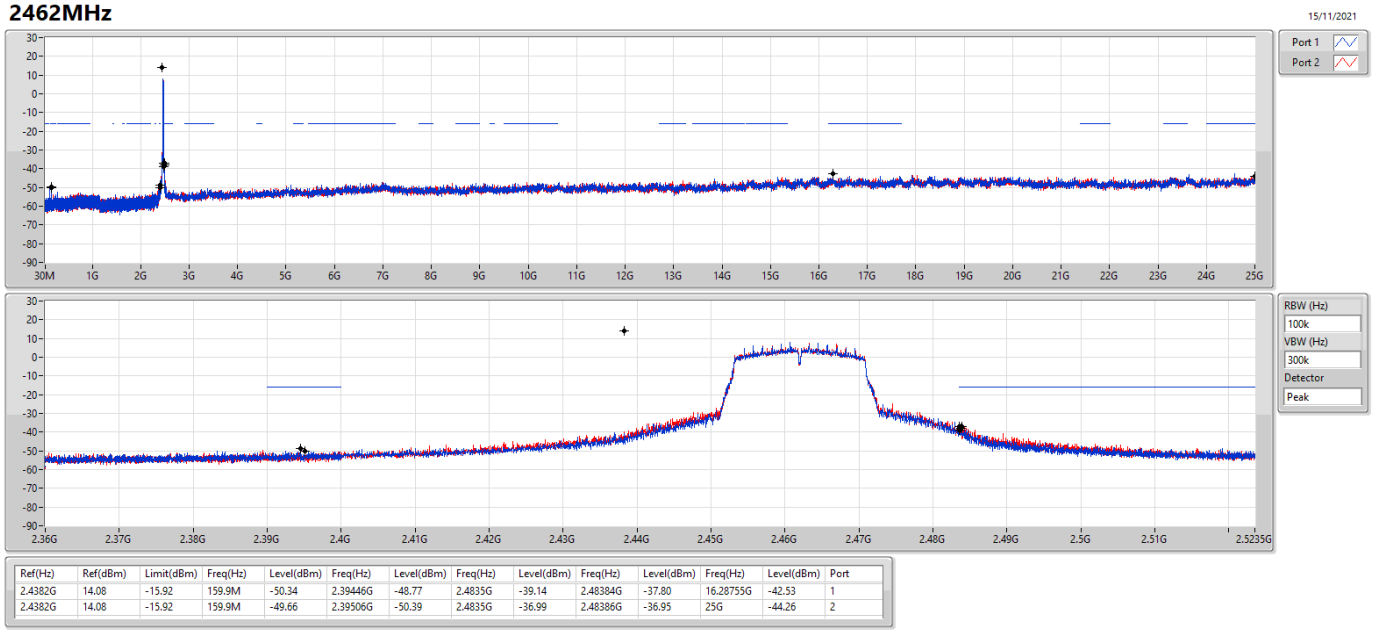
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4382G	14.08	-15.92	159.9M	-49.39	2.39974G	-31.07	2.4G	-34.14	2.48544G	-35.35	24.55047G	-43.55	1
2.4382G	14.08	-15.92	159.9M	-48.08	2.39932G	-32.06	2.4G	-37.48	2.48566G	-37.95	16.31564G	-43.55	2

802.11n HT20_Nss1,(MCS0)_2TX **CSENdB**

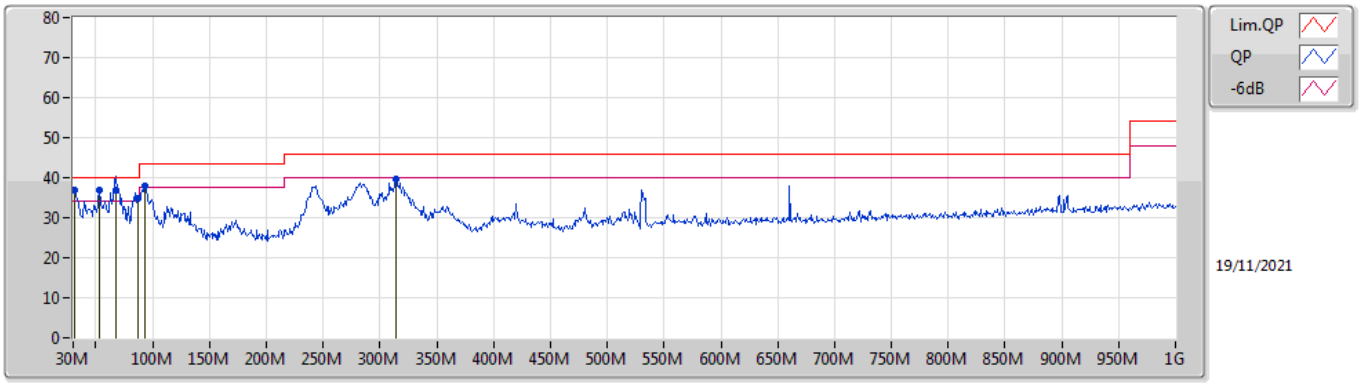
2462MHz



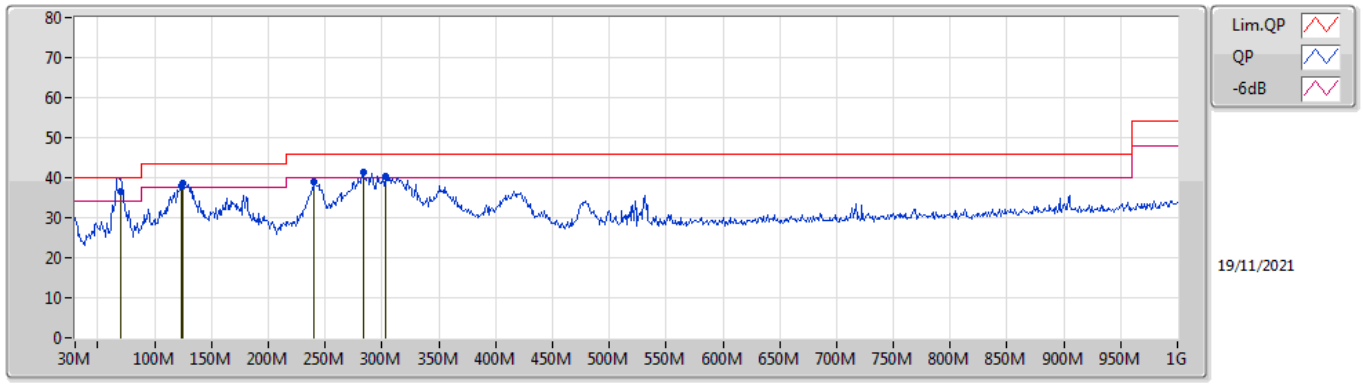
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4382G	14.08	-15.92	159.9M	-50.34	2.39446G	-48.77	2.4835G	-39.14	2.48384G	-37.80	16.28755G	-42.53	1
2.4382G	14.08	-15.92	159.9M	-49.66	2.39506G	-50.39	2.4835G	-36.99	2.48386G	-36.95	25G	-44.26	2

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 5	Pass	QP	67.83M	36.93	40.00	-3.07	Vertical



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	30.97M	36.82	40.00	-3.18	-7.01	3	Vertical	351	1.00	-	43.83	23.68	0.82	31.51
PK	53.28M	36.80	40.00	-3.20	-17.85	3	Vertical	142	1.00	-	54.65	12.87	1.07	31.79
QP	67.83M	36.93	40.00	-3.07	-18.57	3	Vertical	49	1.25	"Worst"	55.50	12.05	1.26	31.88
PK	87.23M	34.88	40.00	-5.12	-16.46	3	Vertical	54	1.25	-	51.34	14.05	1.40	31.91
PK	93.05M	37.84	43.50	-5.66	-15.21	3	Vertical	5	1.25	-	53.05	15.22	1.46	31.89
PK	314.21M	39.54	46.00	-6.46	-9.93	3	Vertical	265	1.00	-	49.47	19.40	2.76	32.09



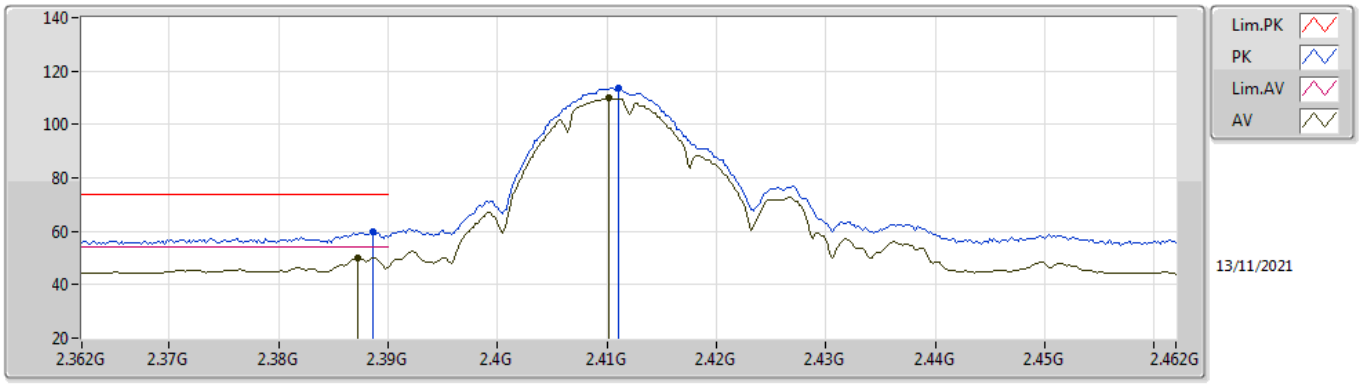
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
QP	69.77M	36.60	40.00	-3.40	-18.32	3	Horizontal	262	3.00	"Worst"	54.92	12.27	1.30	31.89
PK	123.12M	38.07	43.50	-5.43	-12.35	3	Horizontal	217	3.00	-	50.42	17.96	1.63	31.94
PK	124.09M	38.50	43.50	-5.00	-12.38	3	Horizontal	217	3.00	-	50.88	17.92	1.64	31.94
PK	240.49M	38.97	46.00	-7.03	-12.59	3	Horizontal	245	1.25	-	51.56	17.08	2.34	32.01
PK	283.17M	41.52	46.00	-4.48	-10.74	3	Horizontal	127	1.25	-	52.26	18.72	2.60	32.06
PK	302.57M	40.47	46.00	-5.53	-10.30	3	Horizontal	277	1.25	-	50.77	19.07	2.71	32.08

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	-	-	-	-	-	-	-	-	-	-	-
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	2.3898G	53.96	54.00	-0.04	3	Horizontal	3	1.02	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

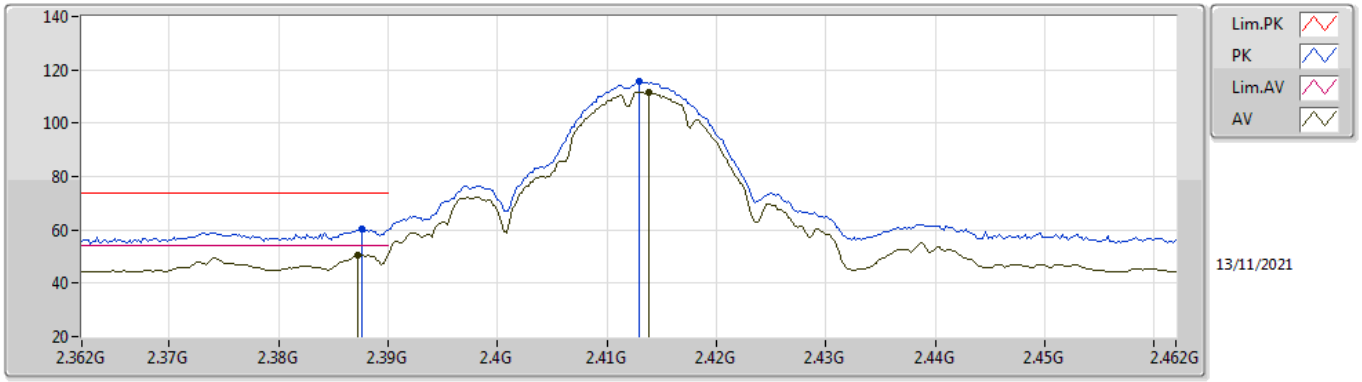


EUT X_2TX
Setting 28
01-C-B-4

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	59.81	74.00	-14.19	28.39	3	Vertical	283	1.51	-	27.62	3.80	-
AV	2.3872G	50.18	54.00	-3.82	18.75	3	Vertical	283	1.51	-	27.63	3.80	-
PK	2.411G	113.59	Inf	-Inf	82.20	3	Vertical	283	1.51	-	27.58	3.81	-
AV	2.4102G	109.87	Inf	-Inf	78.48	3	Vertical	283	1.51	-	27.58	3.81	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

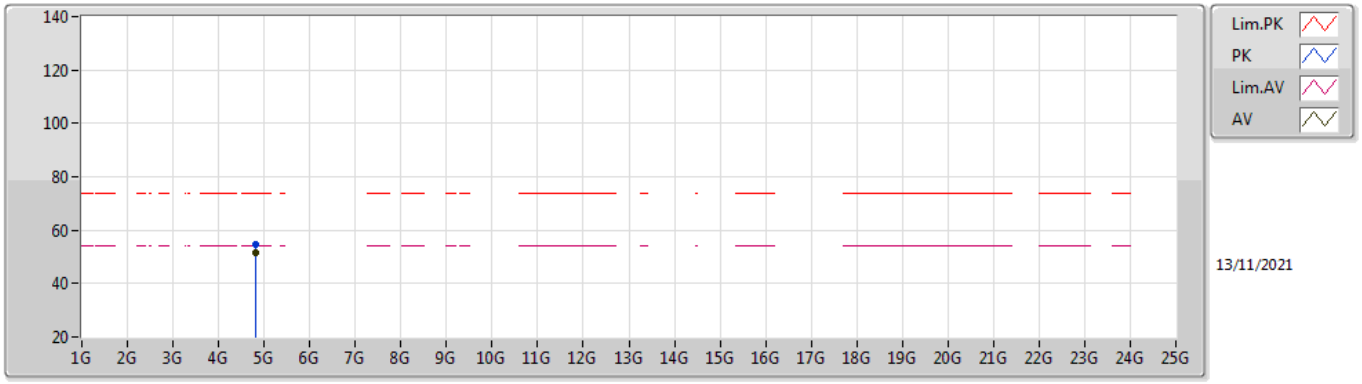


EUT X_2TX
Setting 28
01-C-B-4

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	2.3876G	60.13	74.00	-13.87	28.71	3	Horizontal	0	1.02	-	27.62	3.80	-
AV	2.3872G	50.60	54.00	-3.40	19.17	3	Horizontal	0	1.02	-	27.63	3.80	-
PK	2.413G	115.63	Inf	-Inf	84.25	3	Horizontal	0	1.02	-	27.57	3.81	-
AV	2.4138G	111.66	Inf	-Inf	80.28	3	Horizontal	0	1.02	-	27.57	3.81	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

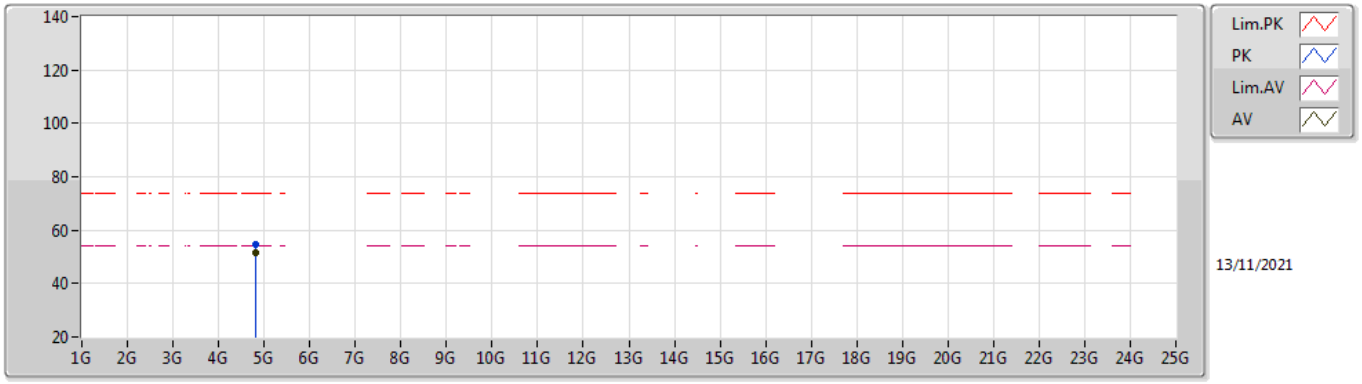


EUT X_2TX
Setting 28
01-C-B-4

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	4.82396G	54.73	74.00	-19.27	50.06	3	Vertical	273	1.05	-	31.35	6.30	32.98
AV	4.82396G	51.63	54.00	-2.37	46.96	3	Vertical	273	1.05	-	31.35	6.30	32.98

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

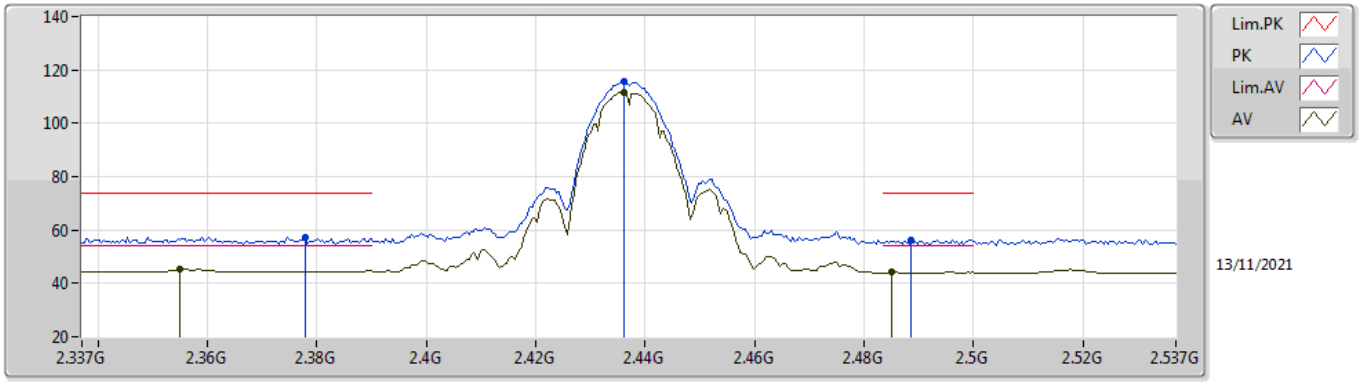


EUT X_2TX
Setting 28
01-C-B-4

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	4.82394G	54.76	74.00	-19.24	50.09	3	Horizontal	194	1.01	-	31.35	6.30	32.98
AV	4.82394G	51.66	54.00	-2.34	46.99	3	Horizontal	194	1.01	-	31.35	6.30	32.98

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

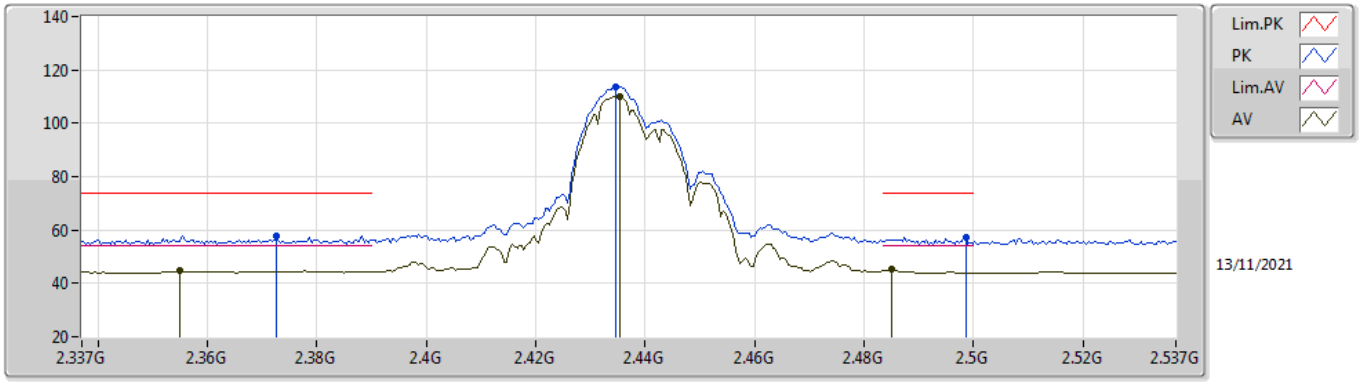


EUT X_2TX
Setting 28
01-C-B-4

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	2.3778G	57.31	74.00	-16.69	25.87	3	Vertical	291	2.24	-	27.64	3.80	-
AV	2.355G	45.28	54.00	-8.72	13.79	3	Vertical	291	2.24	-	27.69	3.80	-
PK	2.4362G	115.77	Inf	-Inf	84.42	3	Vertical	291	2.24	-	27.53	3.82	-
AV	2.4362G	111.66	Inf	-Inf	80.31	3	Vertical	291	2.24	-	27.53	3.82	-
PK	2.4886G	56.44	74.00	-17.56	25.10	3	Vertical	291	2.24	-	27.50	3.84	-
AV	2.485G	44.21	54.00	-9.79	12.87	3	Vertical	291	2.24	-	27.50	3.84	-

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

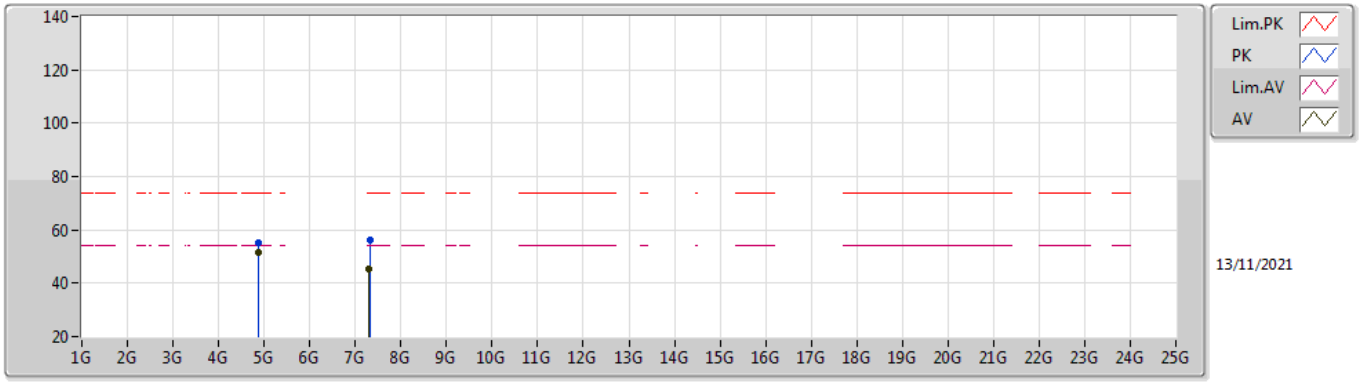


EUT X_2TX
Setting 28
01-C-B-4

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	2.3726G	57.76	74.00	-16.24	26.31	3	Horizontal	5	1.19	-	27.65	3.80	-
AV	2.355G	44.83	54.00	-9.17	13.34	3	Horizontal	5	1.19	-	27.69	3.80	-
PK	2.4346G	113.81	Inf	-Inf	82.46	3	Horizontal	5	1.19	-	27.53	3.82	-
AV	2.4354G	109.84	Inf	-Inf	78.49	3	Horizontal	5	1.19	-	27.53	3.82	-
PK	2.4986G	57.13	74.00	-16.87	25.78	3	Horizontal	5	1.19	-	27.50	3.85	-
AV	2.485G	45.29	54.00	-8.71	13.95	3	Horizontal	5	1.19	-	27.50	3.84	-

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

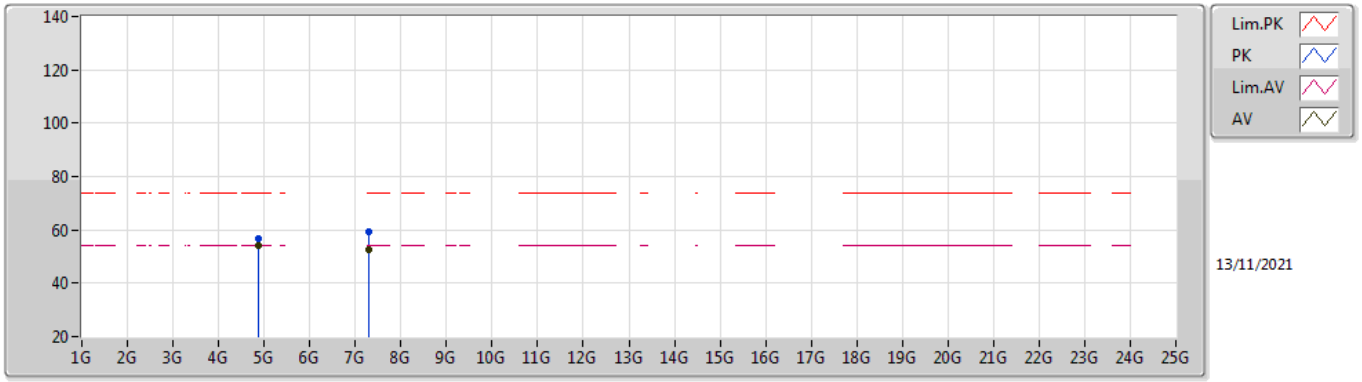


EUT X_2TX
Setting 28
01-C-B-4

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	4.87396G	54.97	74.00	-19.03	50.35	3	Vertical	91	1.20	-	31.30	6.30	32.98
AV	4.87396G	51.76	54.00	-2.24	47.14	3	Vertical	91	1.20	-	31.30	6.30	32.98
PK	7.31064G	56.12	74.00	-17.88	45.45	3	Vertical	88	2.75	-	36.44	7.31	33.08
AV	7.31016G	45.42	54.00	-8.58	34.75	3	Vertical	88	2.75	-	36.44	7.31	33.08

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

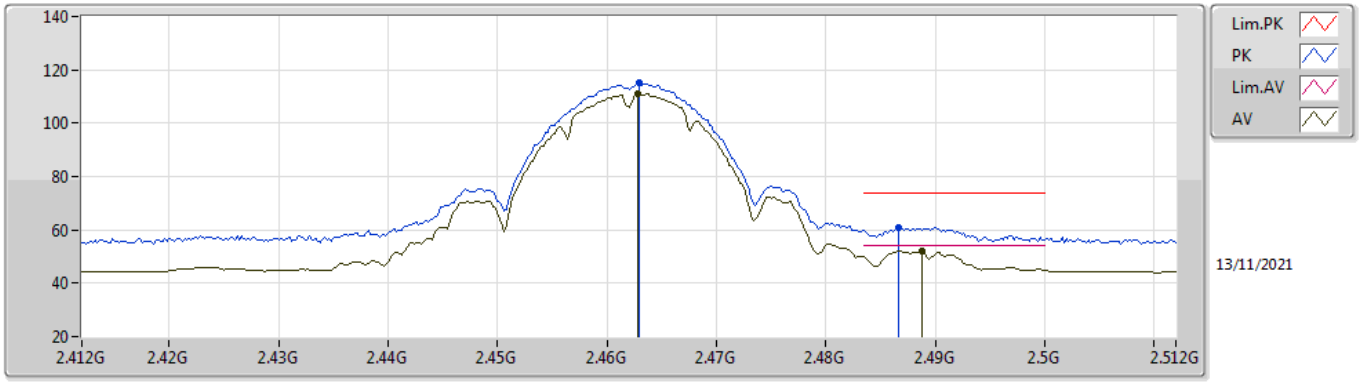


EUT X_2TX
Setting 28
01-C-B-4

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	4.87392G	56.59	74.00	-17.41	51.97	3	Horizontal	204	1.05	-	31.30	6.30	32.98
AV	4.87396G	53.88	54.00	-0.12	49.26	3	Horizontal	204	1.05	-	31.30	6.30	32.98
PK	7.31004G	59.15	74.00	-14.85	48.48	3	Horizontal	31	1.03	-	36.44	7.31	33.08
AV	7.3102G	52.45	54.00	-1.55	41.78	3	Horizontal	31	1.03	-	36.44	7.31	33.08

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

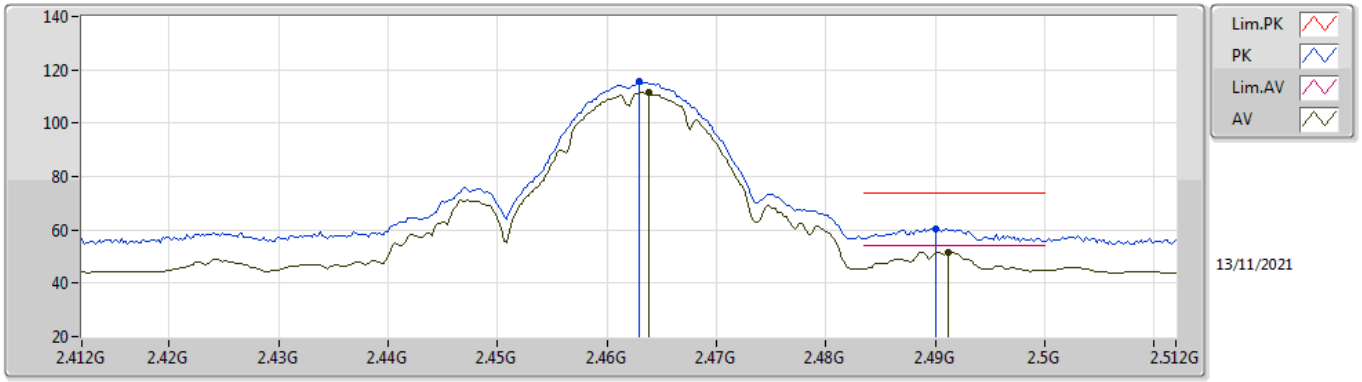


EUT X_2TX
Setting 28
01-C-B-4

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	114.97	Inf	-Inf	83.64	3	Vertical	265	2.22	-	27.50	3.83	-
AV	2.4628G	110.81	Inf	-Inf	79.48	3	Vertical	265	2.22	-	27.50	3.83	-
PK	2.4866G	61.11	74.00	-12.89	29.77	3	Vertical	265	2.22	-	27.50	3.84	-
AV	2.4888G	52.19	54.00	-1.81	20.85	3	Vertical	265	2.22	-	27.50	3.84	-

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

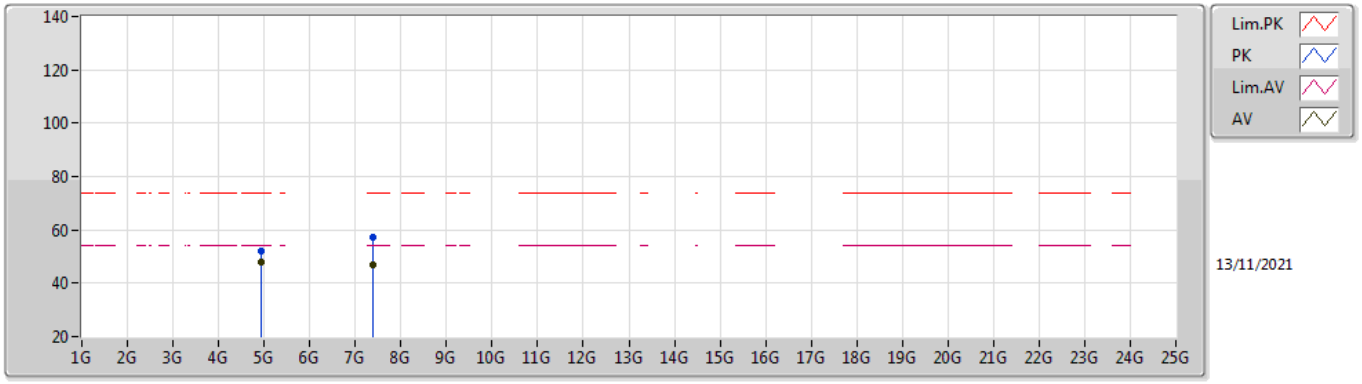


EUT X_2TX
Setting 28
01-C-B-4

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	115.46	Inf	-Inf	84.13	3	Horizontal	360	1.00	-	27.50	3.83	-
AV	2.4638G	111.40	Inf	-Inf	80.07	3	Horizontal	360	1.00	-	27.50	3.83	-
PK	2.49G	60.39	74.00	-13.61	29.05	3	Horizontal	360	1.00	-	27.50	3.84	-
AV	2.4912G	51.67	54.00	-2.33	20.32	3	Horizontal	360	1.00	-	27.50	3.85	-

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

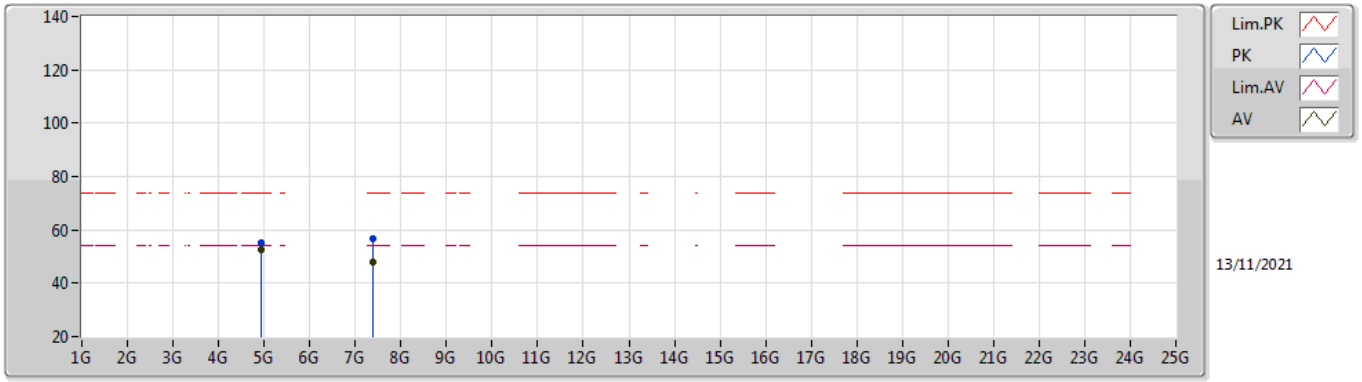


EUT X_2TX
Setting 28
01-C-B-4

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	4.924G	52.11	74.00	-21.89	47.38	3	Vertical	272	1.76	-	31.40	6.30	32.97
AV	4.92392G	47.76	54.00	-6.24	43.03	3	Vertical	272	1.76	-	31.40	6.30	32.97
PK	7.38664G	57.12	74.00	-16.88	46.33	3	Vertical	77	2.68	-	36.45	7.39	33.05
AV	7.38668G	47.13	54.00	-6.87	36.34	3	Vertical	77	2.68	-	36.45	7.39	33.05

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

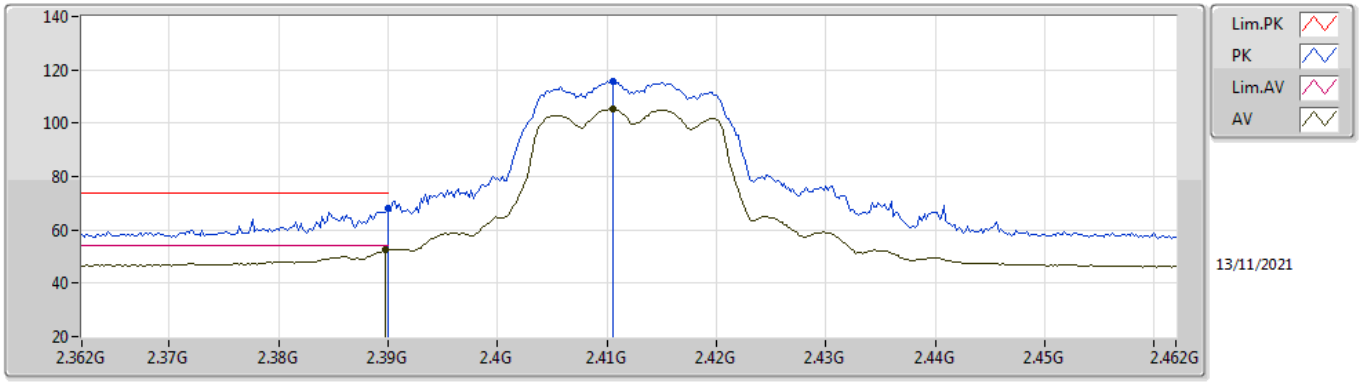


EUT X_2TX
Setting 28
01-C-B-4

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	4.92392G	55.32	74.00	-18.68	50.59	3	Horizontal	48	1.04	-	31.40	6.30	32.97
AV	4.92392G	52.33	54.00	-1.67	47.60	3	Horizontal	48	1.04	-	31.40	6.30	32.97
PK	7.38452G	56.97	74.00	-17.03	46.18	3	Horizontal	23	2.88	-	36.46	7.38	33.05
AV	7.3852G	48.07	54.00	-5.93	37.27	3	Horizontal	23	2.88	-	36.46	7.39	33.05

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

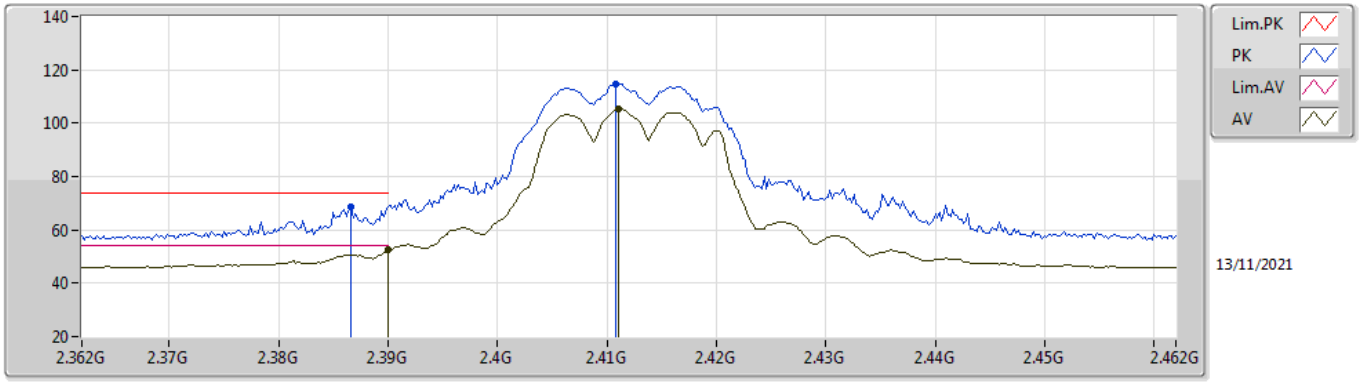


EUT X_2TX
Setting 23
01-C-B-4

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	67.92	74.00	-6.08	36.50	3	Vertical	268	2.78	-	27.62	3.80	-
AV	2.3898G	52.64	54.00	-1.36	21.22	3	Vertical	268	2.78	-	27.62	3.80	-
PK	2.4106G	115.66	Inf	-Inf	84.27	3	Vertical	268	2.78	-	27.58	3.81	-
AV	2.4106G	105.16	Inf	-Inf	73.77	3	Vertical	268	2.78	-	27.58	3.81	-

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

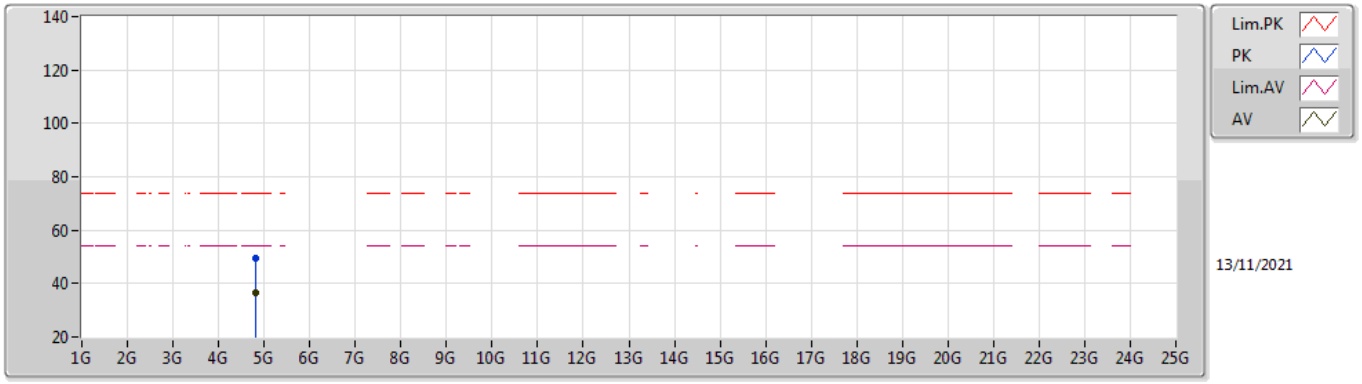


EUT X_2TX
Setting 23
01-C-B-4

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	2.3866G	68.80	74.00	-5.20	37.37	3	Horizontal	5	1.00	-	27.63	3.80	-
AV	2.39G	52.71	54.00	-1.29	21.29	3	Horizontal	5	1.00	-	27.62	3.80	-
PK	2.4108G	114.63	Inf	-Inf	83.24	3	Horizontal	5	1.00	-	27.58	3.81	-
AV	2.411G	105.15	Inf	-Inf	73.76	3	Horizontal	5	1.00	-	27.58	3.81	-

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

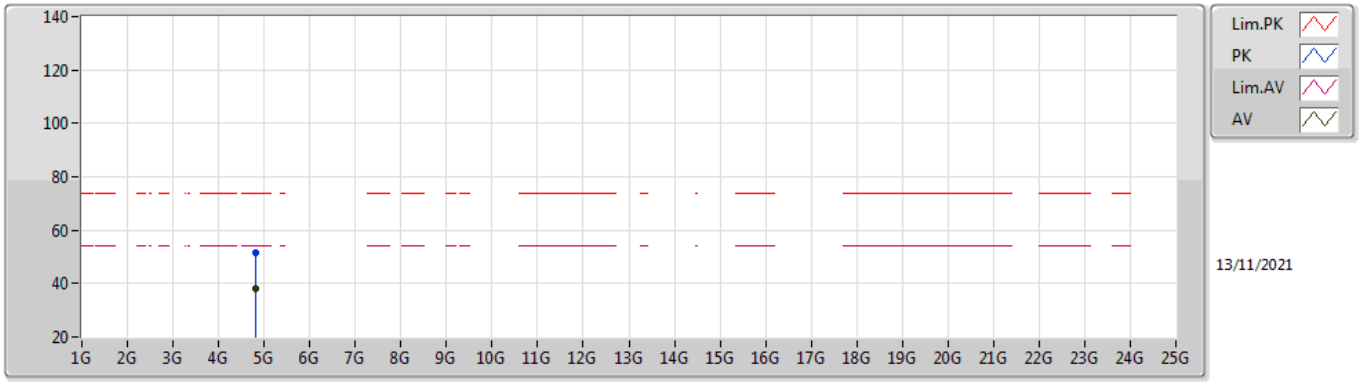


EUT X_2TX
Setting 23
01-C-B-4

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	4.82646G	49.58	74.00	-24.42	44.91	3	Vertical	52	2.61	-	31.35	6.30	32.98
AV	4.82214G	36.36	54.00	-17.64	31.68	3	Vertical	52	2.61	-	31.36	6.30	32.98

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

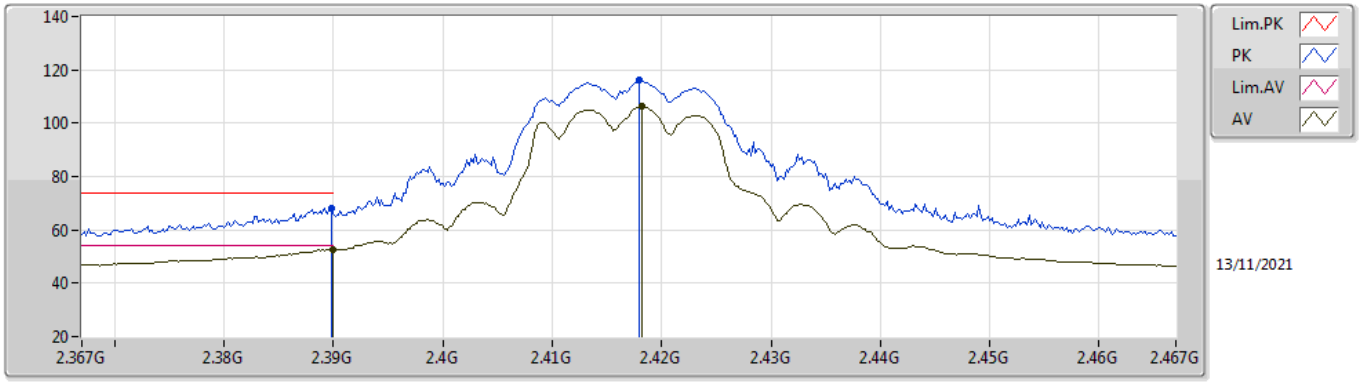


EUT X_2TX
Setting 23
01-C-B-4

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	4.8273G	51.62	74.00	-22.38	46.95	3	Horizontal	196	1.00	-	31.35	6.30	32.98
AV	4.82298G	38.09	54.00	-15.91	33.42	3	Horizontal	196	1.00	-	31.35	6.30	32.98

802.11g_Nss1,(6Mbps)_2TX

2417MHz_TX

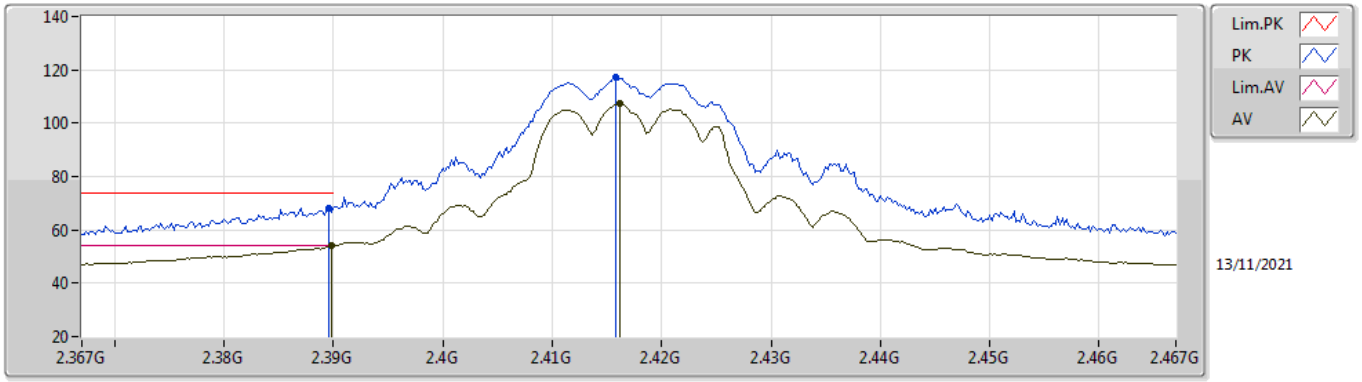


EUT X_2TX
Setting 27
01-C-B-4

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	2.3898G	68.33	74.00	-5.67	36.91	3	Vertical	282	1.52	-	27.62	3.80	-
AV	2.39G	52.57	54.00	-1.43	21.15	3	Vertical	282	1.52	-	27.62	3.80	-
PK	2.418G	116.07	Inf	-Inf	84.70	3	Vertical	282	1.52	-	27.56	3.81	-
AV	2.4182G	106.26	Inf	-Inf	74.89	3	Vertical	282	1.52	-	27.56	3.81	-

802.11g_Nss1,(6Mbps)_2TX

2417MHz_TX

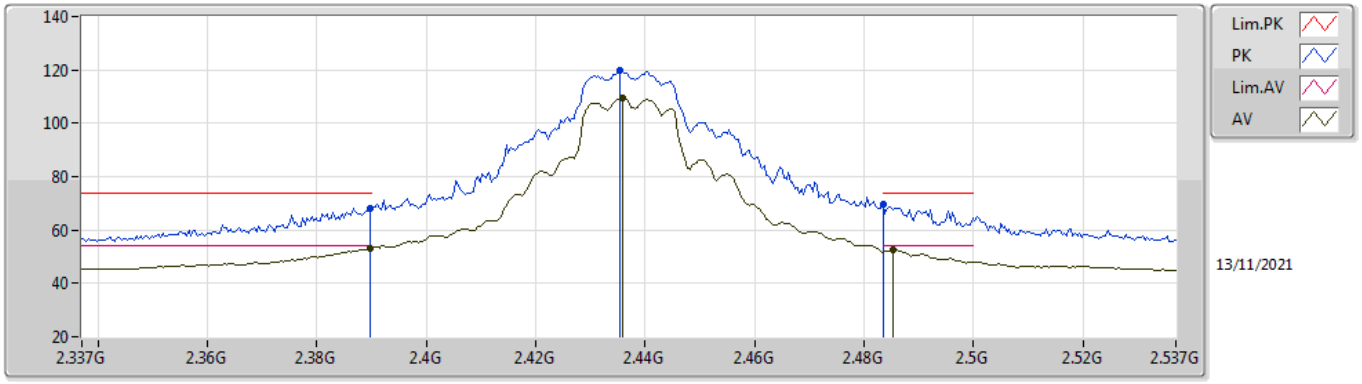


EUT X_2TX
Setting 27
01-C-B-4

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	68.12	74.00	-5.88	36.70	3	Horizontal	3	1.02	-	27.62	3.80	-
AV	2.3898G	53.96	54.00	-0.04	22.54	3	Horizontal	3	1.02	-	27.62	3.80	-
PK	2.4158G	117.15	Inf	-Inf	85.77	3	Horizontal	3	1.02	-	27.57	3.81	-
AV	2.4162G	107.23	Inf	-Inf	75.85	3	Horizontal	3	1.02	-	27.57	3.81	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

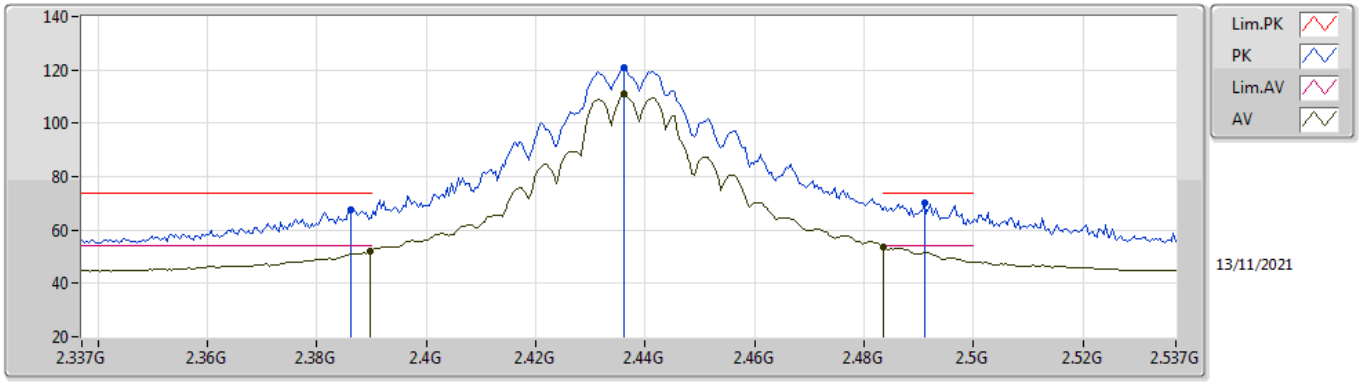


EUT X_2TX
Setting 30
01-C-B-4

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	2.3898G	68.04	74.00	-5.96	36.62	3	Vertical	271	2.49	-	27.62	3.80	-
AV	2.3898G	53.22	54.00	-0.78	21.80	3	Vertical	271	2.49	-	27.62	3.80	-
PK	2.4354G	119.80	Inf	-Inf	88.45	3	Vertical	271	2.49	-	27.53	3.82	-
AV	2.4358G	109.73	Inf	-Inf	78.38	3	Vertical	271	2.49	-	27.53	3.82	-
PK	2.4835G	69.58	74.00	-4.42	38.24	3	Vertical	271	2.49	-	27.50	3.84	-
AV	2.4854G	52.55	54.00	-1.45	21.21	3	Vertical	271	2.49	-	27.50	3.84	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

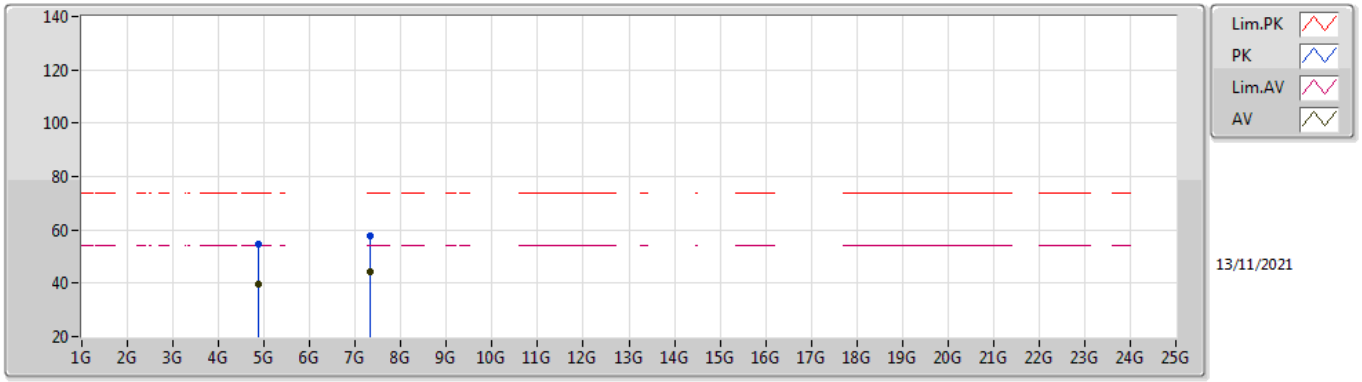


EUT X_2TX
Setting 30
01-C-B-4

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	2.3862G	67.49	74.00	-6.51	36.06	3	Horizontal	1	1.17	-	27.63	3.80	-
AV	2.3898G	52.18	54.00	-1.82	20.76	3	Horizontal	1	1.17	-	27.62	3.80	-
PK	2.4362G	120.78	Inf	-Inf	89.43	3	Horizontal	1	1.17	-	27.53	3.82	-
AV	2.4362G	110.86	Inf	-Inf	79.51	3	Horizontal	1	1.17	-	27.53	3.82	-
PK	2.491G	70.30	74.00	-3.70	38.95	3	Horizontal	1	1.17	-	27.50	3.85	-
AV	2.4835G	53.70	54.00	-0.30	22.36	3	Horizontal	1	1.17	-	27.50	3.84	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

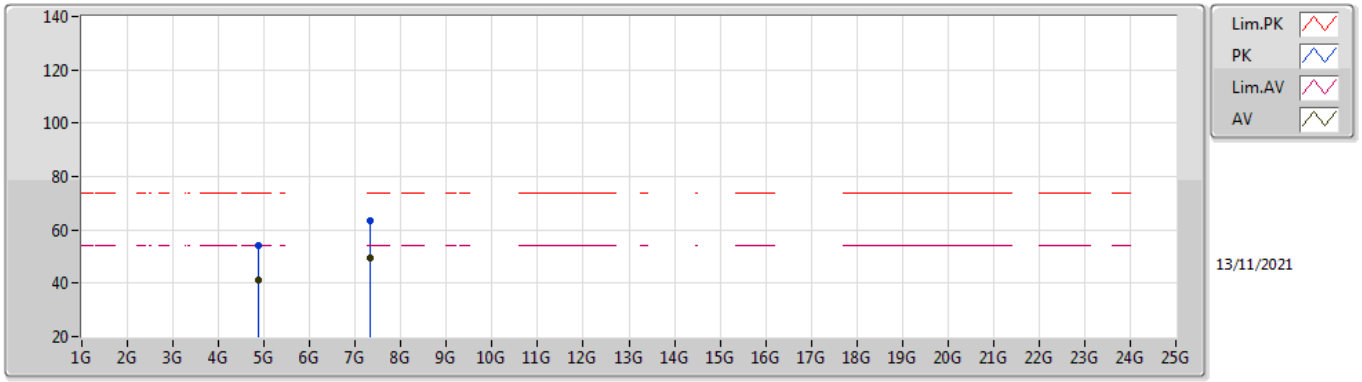


EUT X_2TX
Setting 30
01-C-B-4

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	4.8776G	54.43	74.00	-19.57	49.81	3	Vertical	93	1.24	-	31.30	6.30	32.98
AV	4.87712G	39.65	54.00	-14.35	35.03	3	Vertical	93	1.24	-	31.30	6.30	32.98
PK	7.31154G	57.70	74.00	-16.30	47.02	3	Vertical	90	2.74	-	36.45	7.31	33.08
AV	7.31082G	44.20	54.00	-9.80	33.53	3	Vertical	90	2.74	-	36.44	7.31	33.08

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

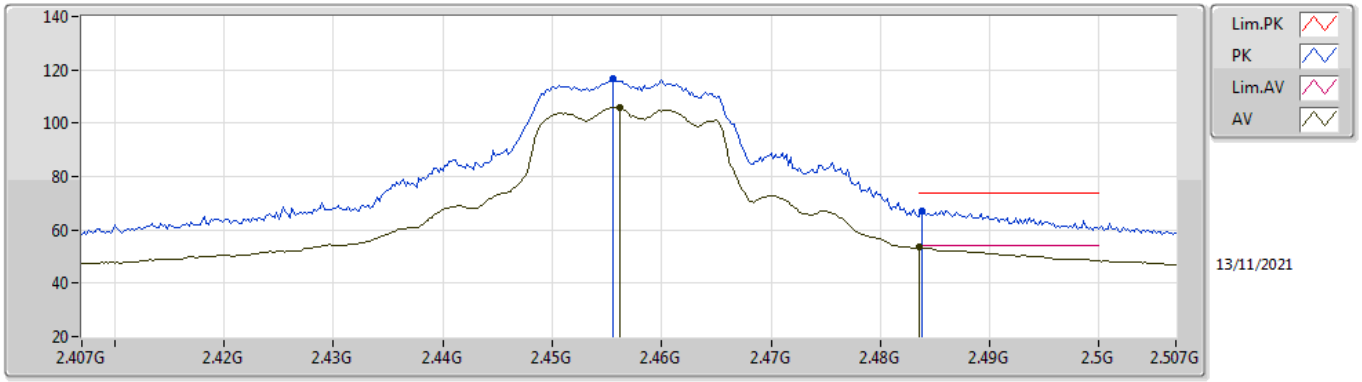


EUT X_2TX
Setting 30
01-C-B-4

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	4.87244G	54.38	74.00	-19.62	49.76	3	Horizontal	350	1.00	-	31.30	6.30	32.98
AV	4.87754G	41.13	54.00	-12.87	36.51	3	Horizontal	350	1.00	-	31.30	6.30	32.98
PK	7.31412G	63.60	74.00	-10.40	52.91	3	Horizontal	28	1.00	-	36.46	7.31	33.08
AV	7.31358G	49.44	54.00	-4.56	38.76	3	Horizontal	28	1.00	-	36.45	7.31	33.08

802.11g_Nss1,(6Mbps)_2TX

2457MHz_TX

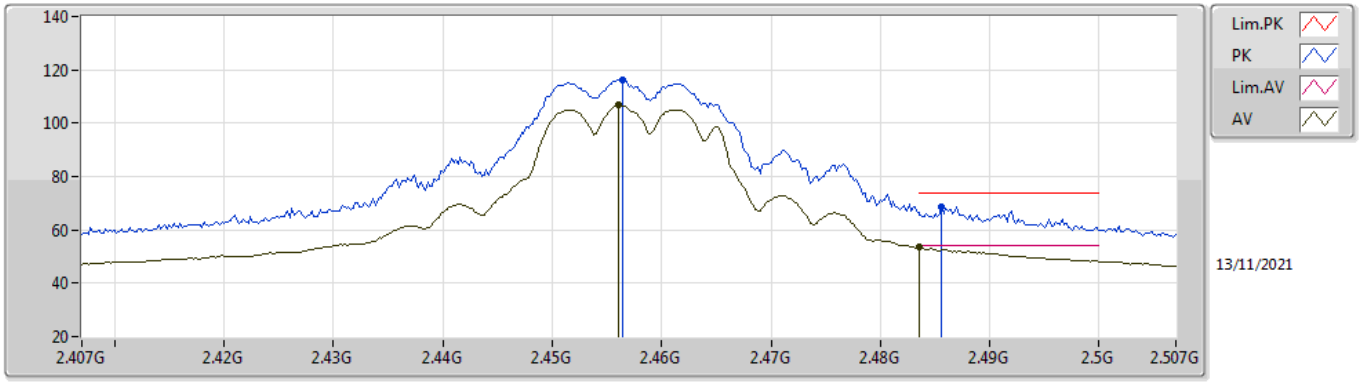


EUT X_2TX
Setting 27
01-C-B-4

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	2.4556G	116.64	Inf	-Inf	85.31	3	Vertical	275	2.39	-	27.50	3.83	-
AV	2.4562G	106.03	Inf	-Inf	74.70	3	Vertical	275	2.39	-	27.50	3.83	-
PK	2.4838G	67.12	74.00	-6.88	35.78	3	Vertical	275	2.39	-	27.50	3.84	-
AV	2.4835G	53.37	54.00	-0.63	22.03	3	Vertical	275	2.39	-	27.50	3.84	-

802.11g_Nss1,(6Mbps)_2TX

2457MHz_TX

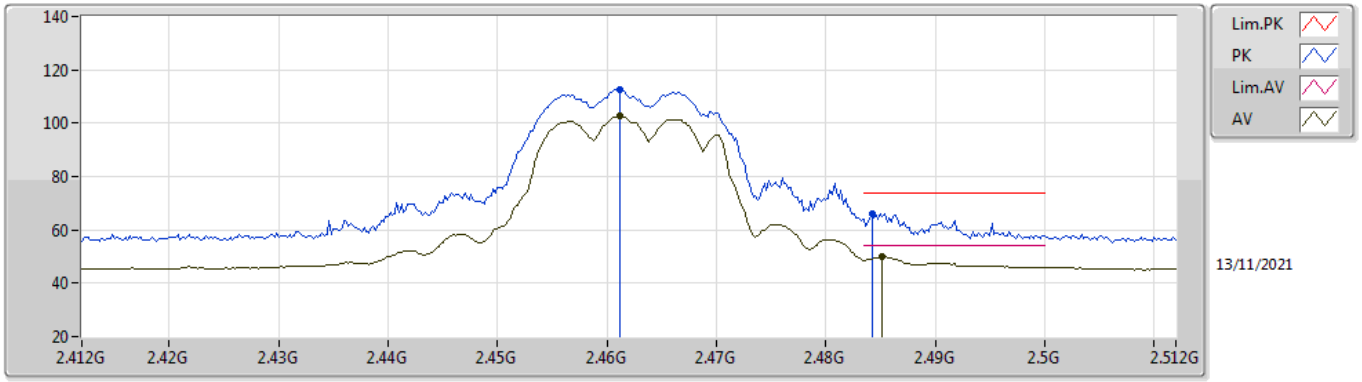


EUT X_2TX
Setting 27
01-C-B-4

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	2.4564G	116.01	Inf	-Inf	84.68	3	Horizontal	360	1.00	-	27.50	3.83	-
AV	2.456G	106.69	Inf	-Inf	75.36	3	Horizontal	360	1.00	-	27.50	3.83	-
PK	2.4856G	68.75	74.00	-5.25	37.41	3	Horizontal	360	1.00	-	27.50	3.84	-
AV	2.4835G	53.48	54.00	-0.52	22.14	3	Horizontal	360	1.00	-	27.50	3.84	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

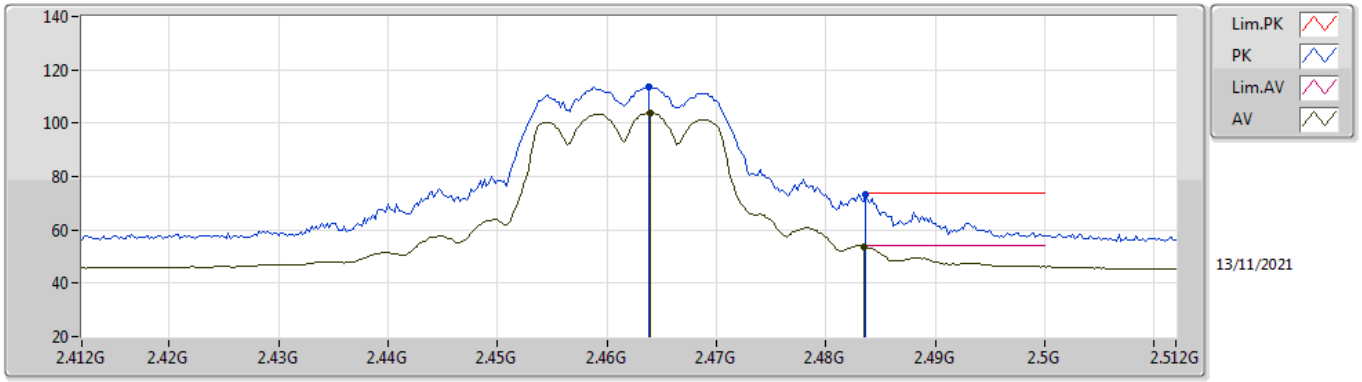


EUT X_2TX
Setting 22
01-C-B-4

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	2.4612G	112.56	Inf	-Inf	81.23	3	Vertical	292	1.50	-	27.50	3.83	-
AV	2.4612G	102.74	Inf	-Inf	71.41	3	Vertical	292	1.50	-	27.50	3.83	-
PK	2.4842G	66.21	74.00	-7.79	34.87	3	Vertical	292	1.50	-	27.50	3.84	-
AV	2.4852G	49.83	54.00	-4.17	18.49	3	Vertical	292	1.50	-	27.50	3.84	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

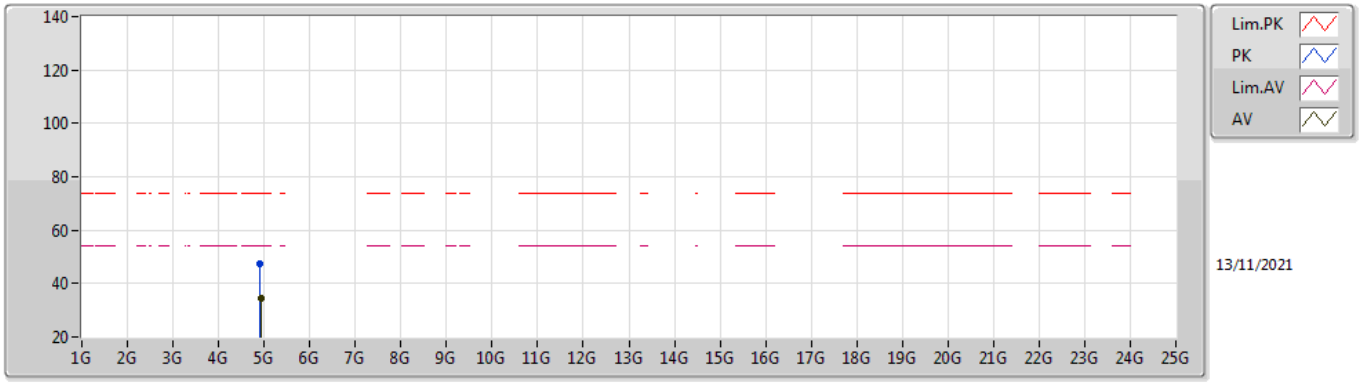


EUT X_2TX
Setting 22
01-C-B-4

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	2.4638G	113.86	Inf	-Inf	82.53	3	Horizontal	360	1.00	-	27.50	3.83	-
AV	2.464G	103.80	Inf	-Inf	72.47	3	Horizontal	360	1.00	-	27.50	3.83	-
PK	2.4836G	73.42	74.00	-0.58	42.08	3	Horizontal	360	1.00	-	27.50	3.84	-
AV	2.4835G	53.69	54.00	-0.31	22.35	3	Horizontal	360	1.00	-	27.50	3.84	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

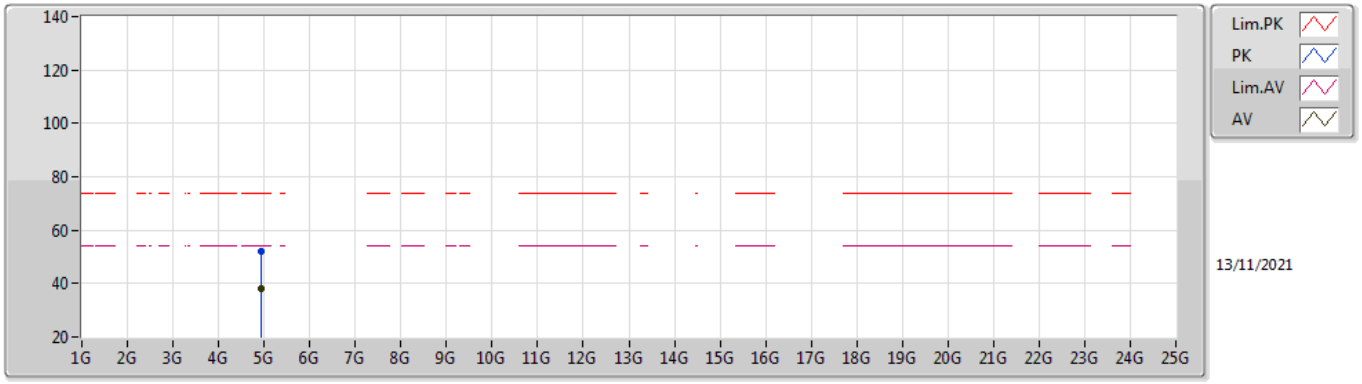


EUT X_2TX
Setting 22
01-C-B-4

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	4.91842G	47.67	74.00	-26.33	42.97	3	Vertical	273	1.41	-	31.37	6.30	32.97
AV	4.9228G	34.65	54.00	-19.35	29.93	3	Vertical	273	1.41	-	31.39	6.30	32.97

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

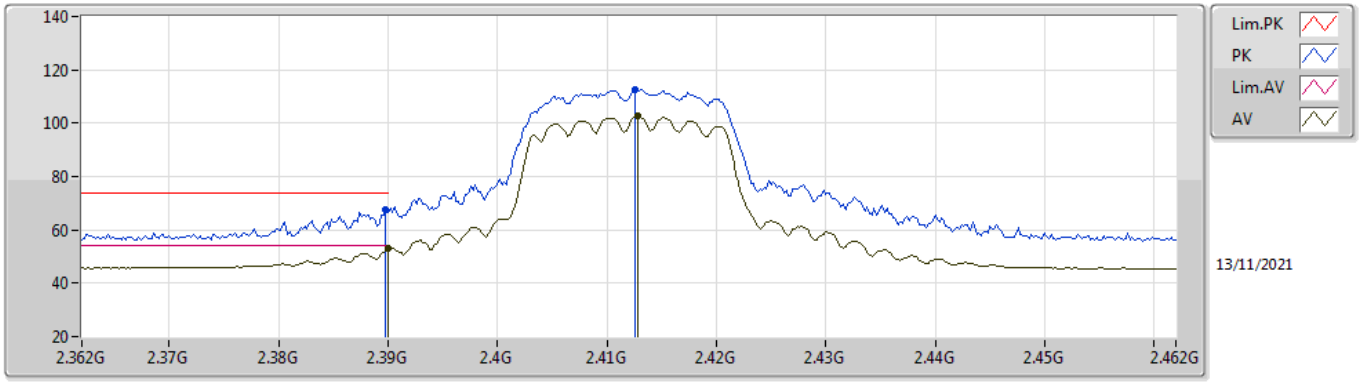


EUT X_2TX
Setting 22
01-C-B-4

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	4.92226G	51.96	74.00	-22.04	47.24	3	Horizontal	177	1.00	-	31.39	6.30	32.97
AV	4.92244G	38.20	54.00	-15.80	33.48	3	Horizontal	177	1.00	-	31.39	6.30	32.97

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

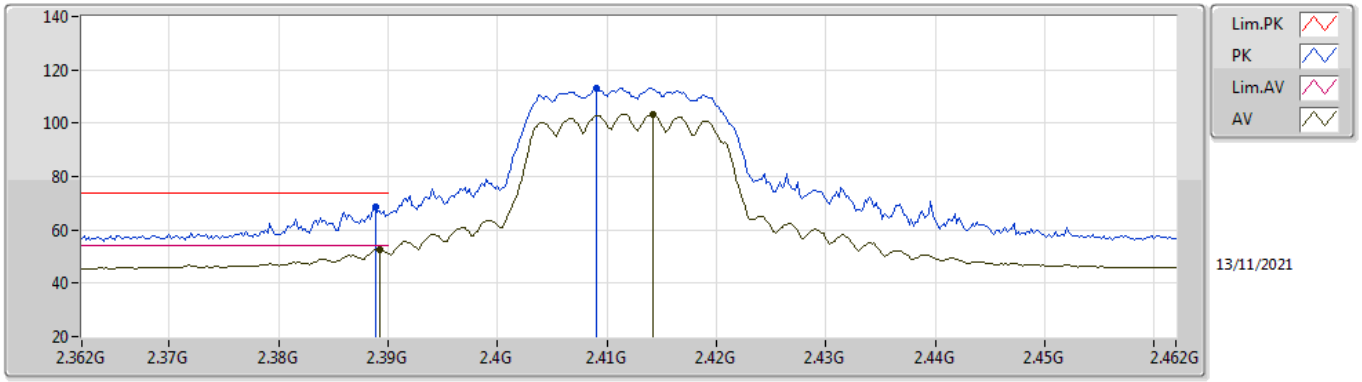


EUT X_2TX
Setting 23
01-C-B-4

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	2.3898G	67.42	74.00	-6.58	36.00	3	Vertical	296	1.68	-	27.62	3.80	-
AV	2.39G	53.00	54.00	-1.00	21.58	3	Vertical	296	1.68	-	27.62	3.80	-
PK	2.4126G	112.77	Inf	-Inf	81.39	3	Vertical	296	1.68	-	27.57	3.81	-
AV	2.4128G	102.54	Inf	-Inf	71.16	3	Vertical	296	1.68	-	27.57	3.81	-

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

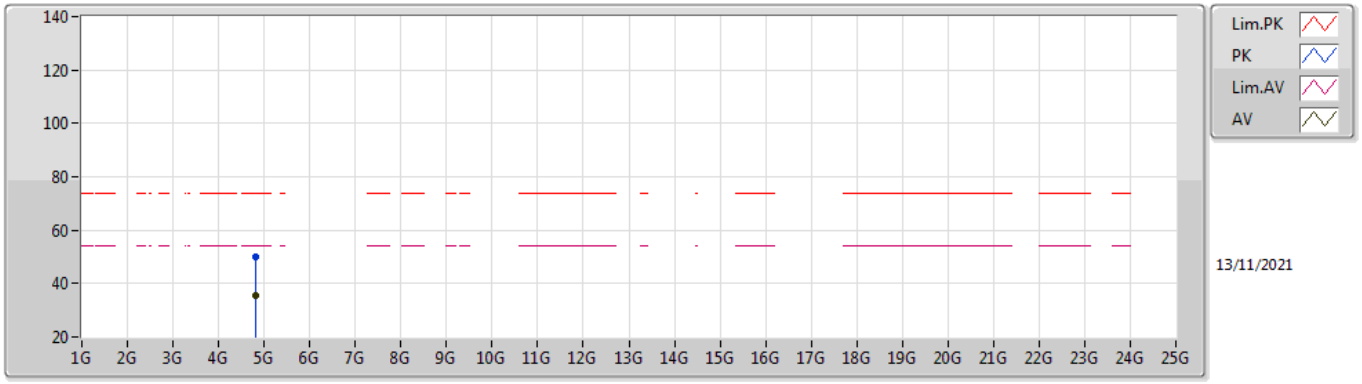


EUT X_2TX
Setting 23
01-C-B-4

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	68.64	74.00	-5.36	37.22	3	Horizontal	0	1.01	-	27.62	3.80	-	
AV	2.3892G	52.72	54.00	-1.28	21.30	3	Horizontal	0	1.01	-	27.62	3.80	-	
PK	2.409G	113.23	Inf	-Inf	81.85	3	Horizontal	0	1.01	-	27.58	3.80	-	
AV	2.4142G	103.43	Inf	-Inf	72.05	3	Horizontal	0	1.01	-	27.57	3.81	-	

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

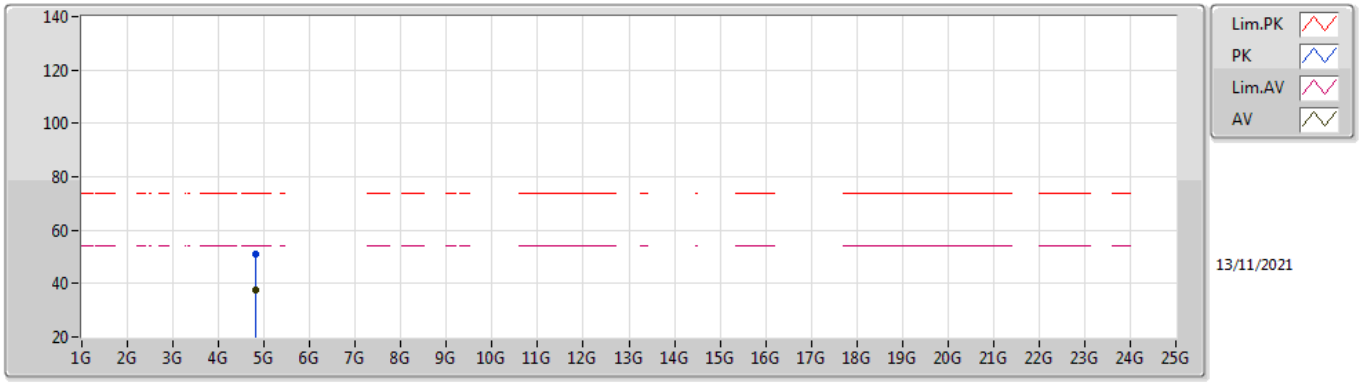


EUT X_2TX
Setting 23
01-C-B-4

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	4.82616G	49.91	74.00	-24.09	45.24	3	Vertical	88	1.24	-	31.35	6.30	32.98
AV	4.82372G	35.72	54.00	-18.28	31.05	3	Vertical	88	1.24	-	31.35	6.30	32.98

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

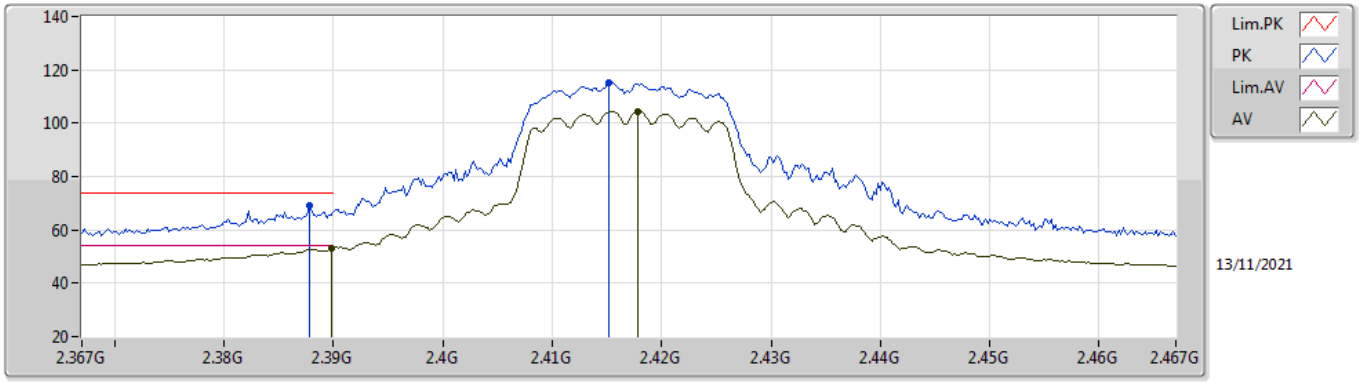


EUT X_2TX
Setting 23
01-C-B-4

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	4.8234G	51.18	74.00	-22.82	46.51	3	Horizontal	197	1.00	-	31.35	6.30	32.98
AV	4.82304G	37.49	54.00	-16.51	32.82	3	Horizontal	197	1.00	-	31.35	6.30	32.98

802.11n HT20_Nss1,(MCS0)_2TX

2417MHz_TX

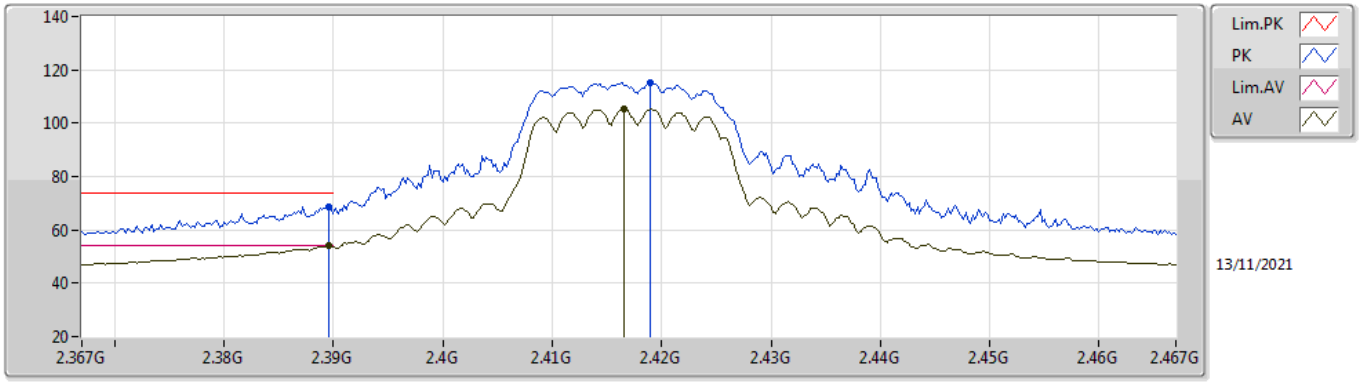


EUT X_2TX
Setting 27
01-C-B-4

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	69.33	74.00	-4.67	37.91	3	Vertical	292	1.75	-	27.62	3.80	-
AV	2.3898G	53.30	54.00	-0.70	21.88	3	Vertical	292	1.75	-	27.62	3.80	-
PK	2.4152G	115.09	Inf	-Inf	83.71	3	Vertical	292	1.75	-	27.57	3.81	-
AV	2.4178G	104.50	Inf	-Inf	73.13	3	Vertical	292	1.75	-	27.56	3.81	-

802.11n HT20_Nss1,(MCS0)_2TX

2417MHz_TX

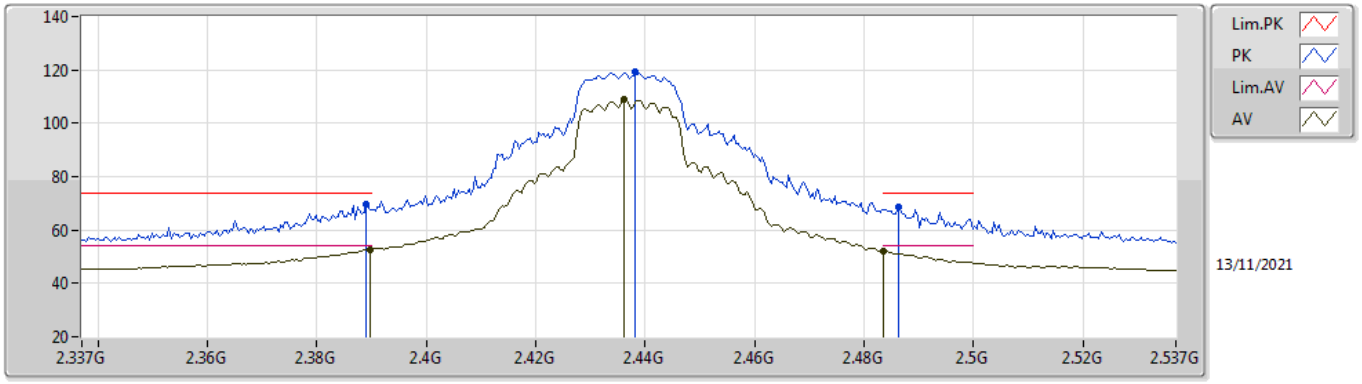


EUT X_2TX
Setting 27
01-C-B-4

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	68.79	74.00	-5.21	37.37	3	Horizontal	4	1.00	-	27.62	3.80	-
AV	2.3896G	53.96	54.00	-0.04	22.54	3	Horizontal	4	1.00	-	27.62	3.80	-
PK	2.419G	115.30	Inf	-Inf	83.93	3	Horizontal	4	1.00	-	27.56	3.81	-
AV	2.4166G	105.48	Inf	-Inf	74.10	3	Horizontal	4	1.00	-	27.57	3.81	-

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

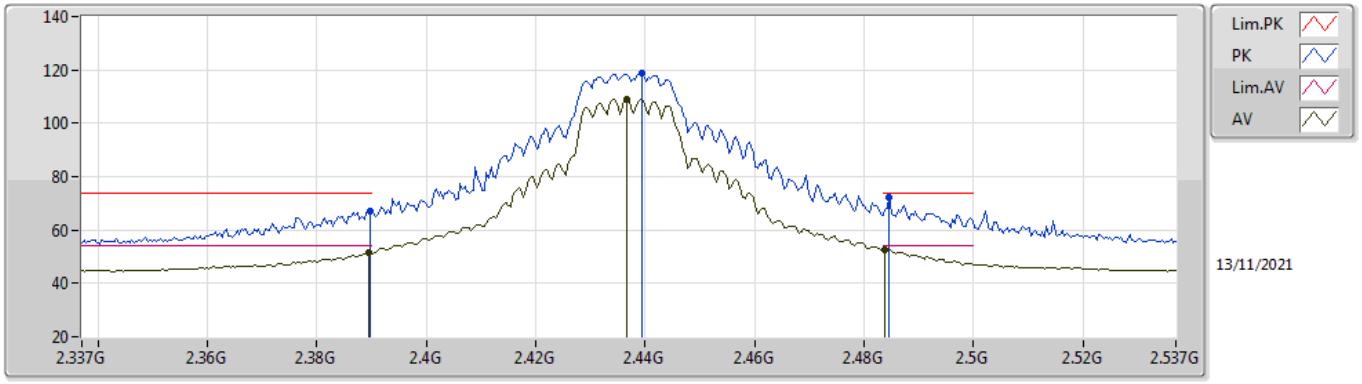


EUT X_2TX
Setting 30
01-C-B-4

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	69.66	74.00	-4.34	38.24	3	Vertical	271	2.46	-	27.62	3.80	-
AV	2.3898G	52.57	54.00	-1.43	21.15	3	Vertical	271	2.46	-	27.62	3.80	-
PK	2.4382G	119.53	Inf	-Inf	88.19	3	Vertical	271	2.46	-	27.52	3.82	-
AV	2.4362G	108.71	Inf	-Inf	77.36	3	Vertical	271	2.46	-	27.53	3.82	-
PK	2.4862G	68.87	74.00	-5.13	37.53	3	Vertical	271	2.46	-	27.50	3.84	-
AV	2.4835G	52.28	54.00	-1.72	20.94	3	Vertical	271	2.46	-	27.50	3.84	-

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

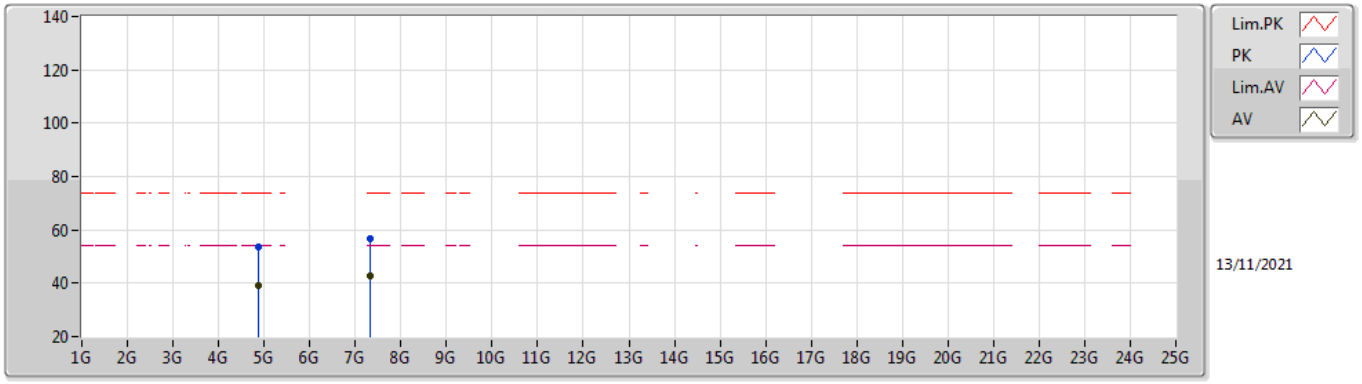


EUT X_2TX
Setting 30
01-C-B-4

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	2.3898G	66.91	74.00	-7.09	35.49	3	Horizontal	2	1.19	-	27.62	3.80	-
AV	2.3894G	51.60	54.00	-2.40	20.18	3	Horizontal	2	1.19	-	27.62	3.80	-
PK	2.4394G	118.91	Inf	-Inf	87.57	3	Horizontal	2	1.19	-	27.52	3.82	-
AV	2.4366G	108.84	Inf	-Inf	77.49	3	Horizontal	2	1.19	-	27.53	3.82	-
PK	2.4846G	72.09	74.00	-1.91	40.75	3	Horizontal	2	1.19	-	27.50	3.84	-
AV	2.4838G	52.62	54.00	-1.38	21.28	3	Horizontal	2	1.19	-	27.50	3.84	-

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

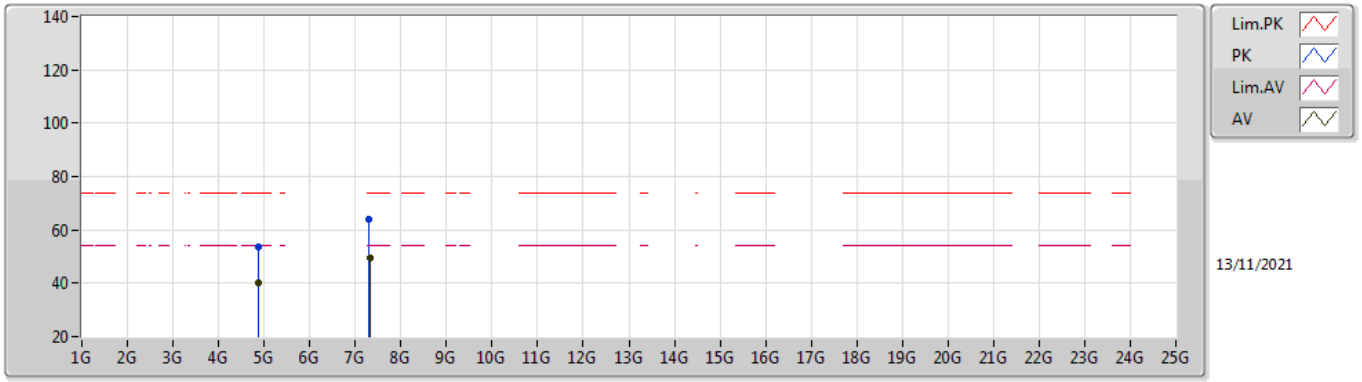


EUT X_2TX
Setting 30
01-C-B-4

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	4.87608G	53.40	74.00	-20.60	48.78	3	Vertical	86	1.03	-	31.30	6.30	32.98
AV	4.87564G	39.31	54.00	-14.69	34.69	3	Vertical	86	1.03	-	31.30	6.30	32.98
PK	7.3132G	56.82	74.00	-17.18	46.14	3	Vertical	85	2.86	-	36.45	7.31	33.08
AV	7.31388G	42.76	54.00	-11.24	32.07	3	Vertical	85	2.86	-	36.46	7.31	33.08

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

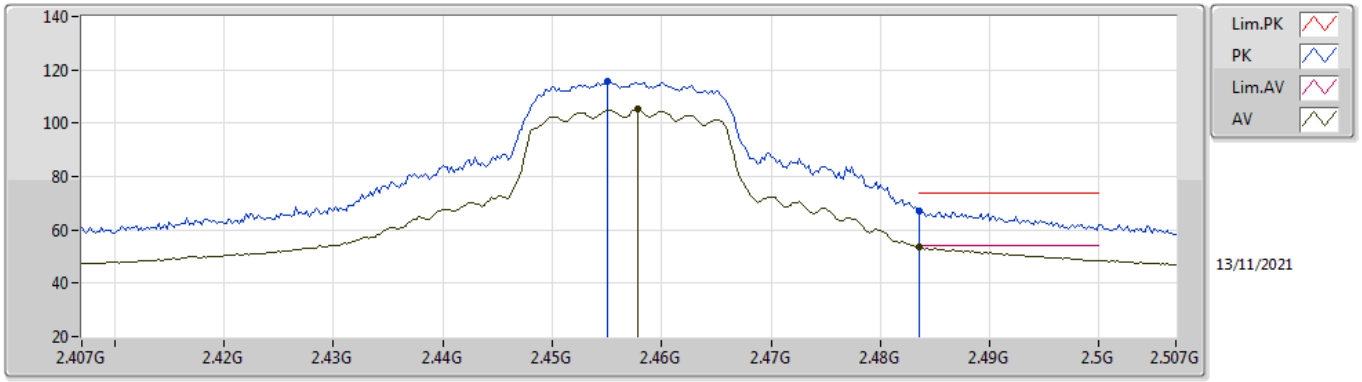


EUT X_2TX
Setting 30
01-C-B-4

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	4.87592G	53.74	74.00	-20.26	49.12	3	Horizontal	352	1.01	-	31.30	6.30	32.98
AV	4.87564G	40.33	54.00	-13.67	35.71	3	Horizontal	352	1.01	-	31.30	6.30	32.98
PK	7.30768G	63.82	74.00	-10.18	53.16	3	Horizontal	353	1.02	-	36.43	7.31	33.08
AV	7.31268G	49.49	54.00	-4.51	38.81	3	Horizontal	353	1.02	-	36.45	7.31	33.08

802.11n HT20_Nss1,(MCS0)_2TX

2457MHz_TX

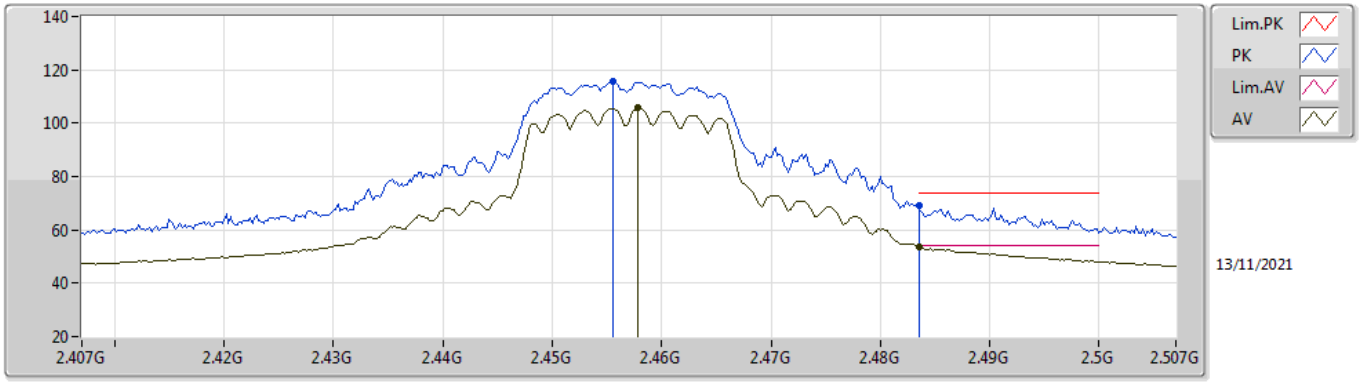


EUT X_2TX
Setting 28
01-C-B-4

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	2.455G	115.90	Inf	-Inf	84.57	3	Vertical	273	2.40	-	27.50	3.83	-	
AV	2.4578G	105.20	Inf	-Inf	73.87	3	Vertical	273	2.40	-	27.50	3.83	-	
PK	2.4835G	66.91	74.00	-7.09	35.57	3	Vertical	273	2.40	-	27.50	3.84	-	
AV	2.4835G	53.42	54.00	-0.58	22.08	3	Vertical	273	2.40	-	27.50	3.84	-	

802.11n HT20_Nss1,(MCS0)_2TX

2457MHz_TX

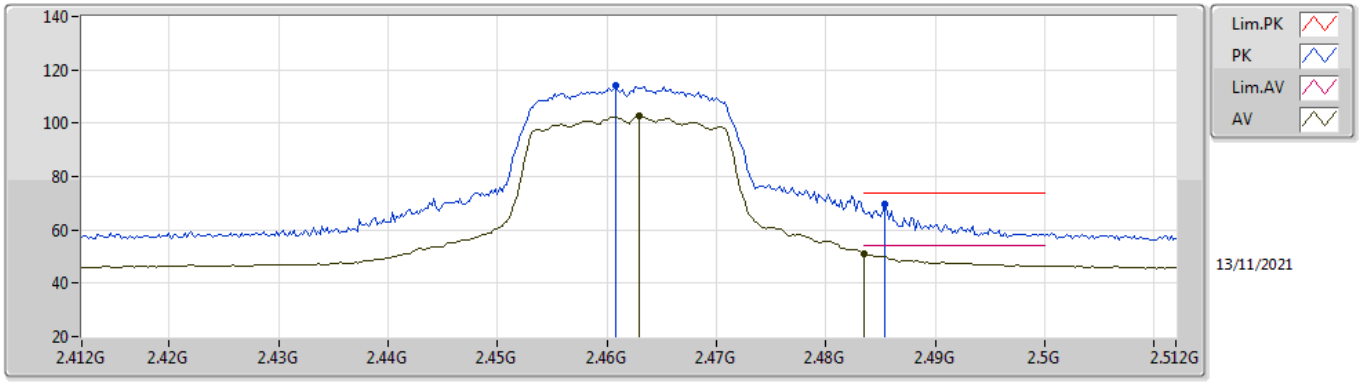


EUT X_2TX
Setting 28
01-C-B-4

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	2.4556G	115.63	Inf	-Inf	84.30	3	Horizontal	360	1.00	-	27.50	3.83	-
AV	2.4578G	105.67	Inf	-Inf	74.34	3	Horizontal	360	1.00	-	27.50	3.83	-
PK	2.4835G	68.98	74.00	-5.02	37.64	3	Horizontal	360	1.00	-	27.50	3.84	-
AV	2.4835G	53.65	54.00	-0.35	22.31	3	Horizontal	360	1.00	-	27.50	3.84	-

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

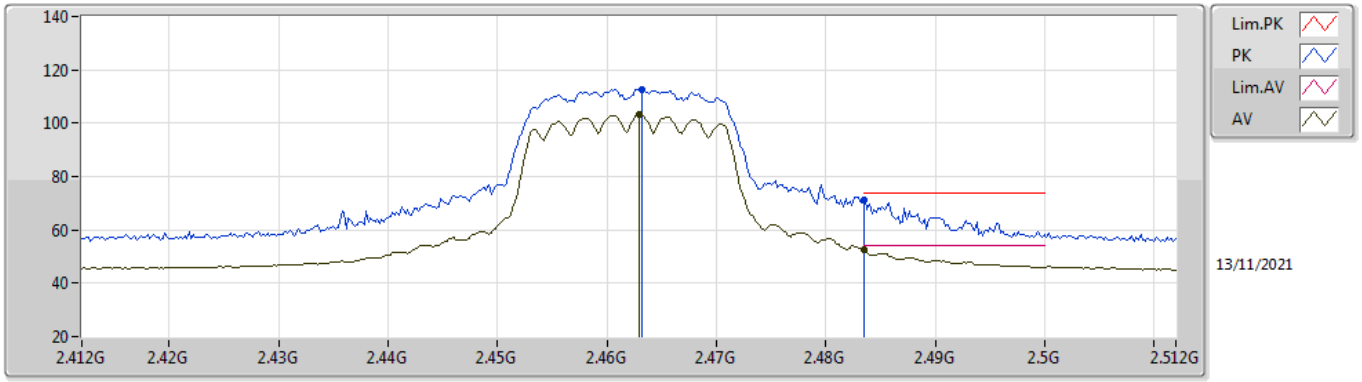


EUT X_2TX
Setting 23
01-C-B-4

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	2.4608G	113.89	Inf	-Inf	82.56	3	Vertical	274	2.21	-	27.50	3.83	-
AV	2.463G	102.60	Inf	-Inf	71.27	3	Vertical	274	2.21	-	27.50	3.83	-
PK	2.4854G	69.87	74.00	-4.13	38.53	3	Vertical	274	2.21	-	27.50	3.84	-
AV	2.4835G	51.22	54.00	-2.78	19.88	3	Vertical	274	2.21	-	27.50	3.84	-

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

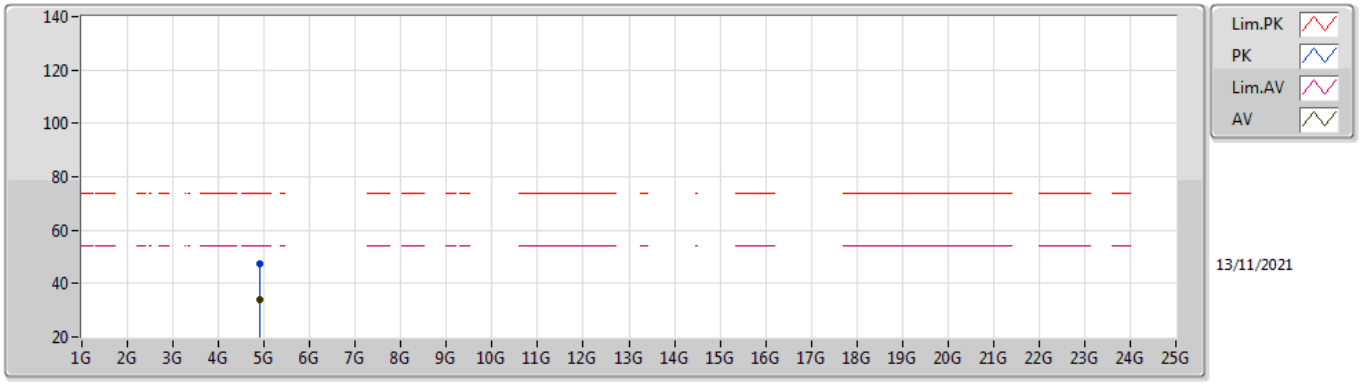


EUT X_2TX
Setting 23
01-C-B-4

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	2.4632G	112.73	Inf	-Inf	81.40	3	Horizontal	348	1.00	-	27.50	3.83	-
AV	2.463G	103.09	Inf	-Inf	71.76	3	Horizontal	348	1.00	-	27.50	3.83	-
PK	2.4835G	71.41	74.00	-2.59	40.07	3	Horizontal	348	1.00	-	27.50	3.84	-
AV	2.4835G	52.49	54.00	-1.51	21.15	3	Horizontal	348	1.00	-	27.50	3.84	-

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

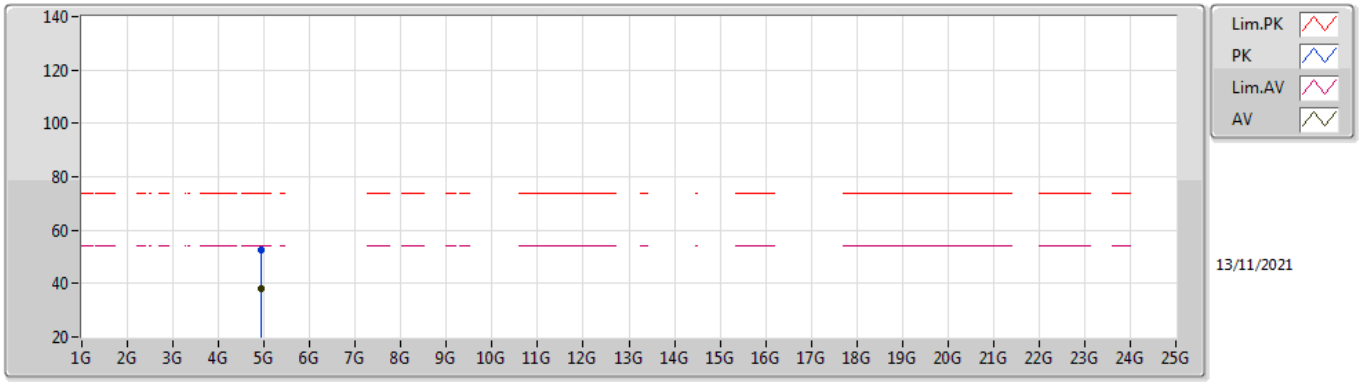


EUT X_2TX
Setting 23
01-C-B-4

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	4.91872G	47.26	74.00	-26.74	42.56	3	Vertical	271	1.46	-	31.37	6.30	32.97
AV	4.91836G	33.78	54.00	-20.22	29.08	3	Vertical	271	1.46	-	31.37	6.30	32.97

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX



EUT X_2TX
Setting 23
01-C-B-4

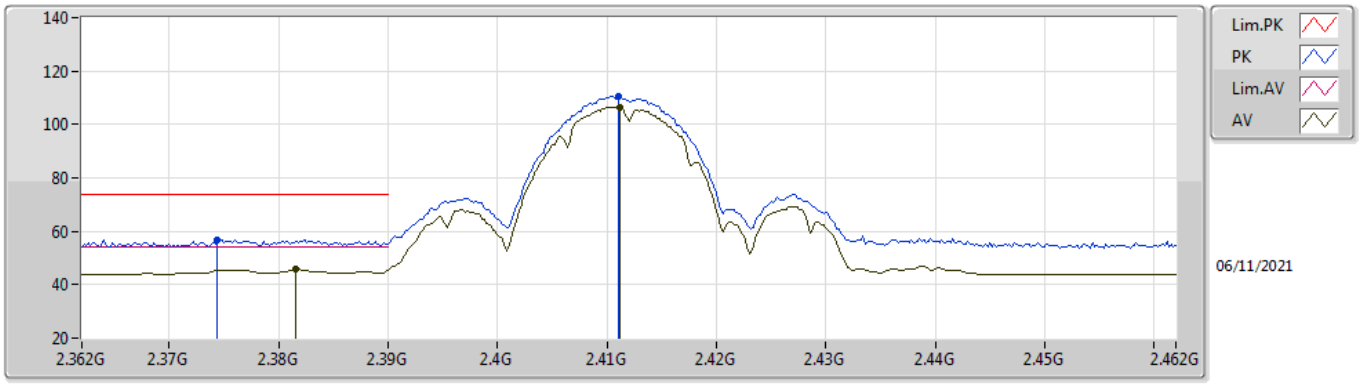
Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.923G	52.60	74.00	-21.40	47.88	3	Horizontal	178	1.00	-	31.39	6.30	32.97
AV	4.92324G	38.00	54.00	-16.00	33.28	3	Horizontal	178	1.00	-	31.39	6.30	32.97

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	-	-	-	-	-	-	-	-	-	-	-
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	2.39G	53.96	54.00	-0.04	3	Horizontal	184	1.55	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

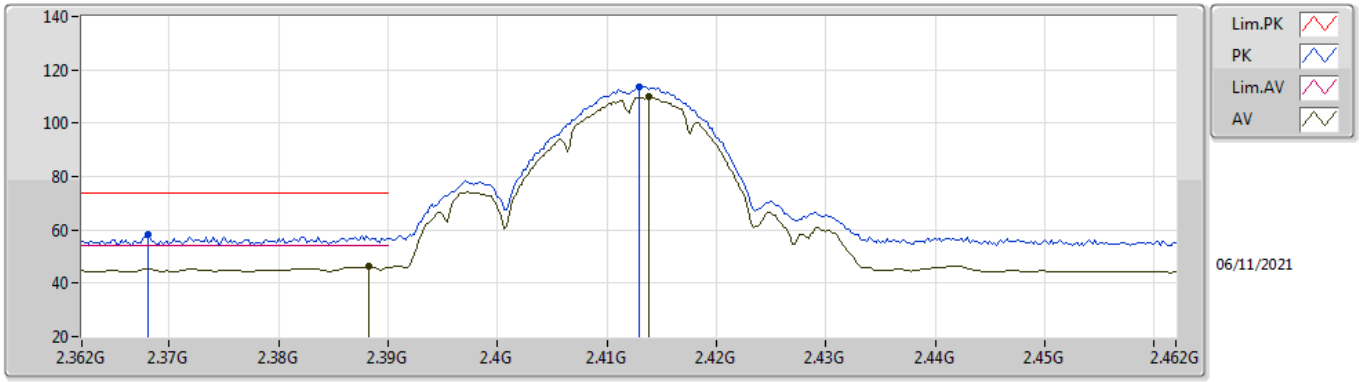


EUT X_2TX
Setting 29
01-A-E-2

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	2.3744G	56.76	74.00	-17.24	25.31	3	Vertical	181	2.19	-	27.65	3.80	-
AV	2.3816G	45.64	54.00	-8.36	14.20	3	Vertical	181	2.19	-	27.64	3.80	-
PK	2.411G	110.76	Inf	-Inf	79.37	3	Vertical	181	2.19	-	27.58	3.81	-
AV	2.4112G	106.62	Inf	-Inf	75.23	3	Vertical	181	2.19	-	27.58	3.81	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

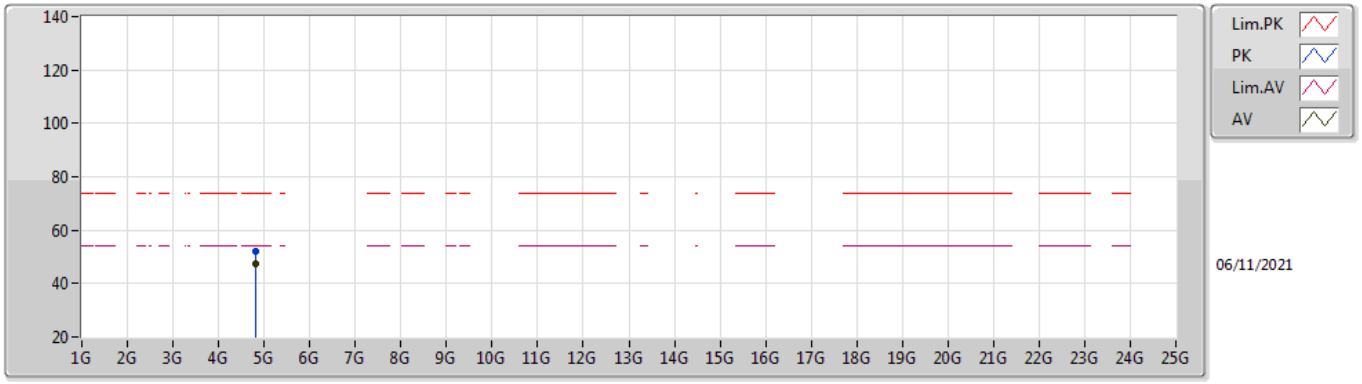


EUT X_2TX
Setting 29
01-A-E-2

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	2.368G	58.05	74.00	-15.95	26.59	3	Horizontal	185	1.32	-	27.66	3.80	-
AV	2.3882G	46.13	54.00	-7.87	14.71	3	Horizontal	185	1.32	-	27.62	3.80	-
PK	2.413G	113.71	Inf	-Inf	82.33	3	Horizontal	185	1.32	-	27.57	3.81	-
AV	2.4138G	109.79	Inf	-Inf	78.41	3	Horizontal	185	1.32	-	27.57	3.81	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

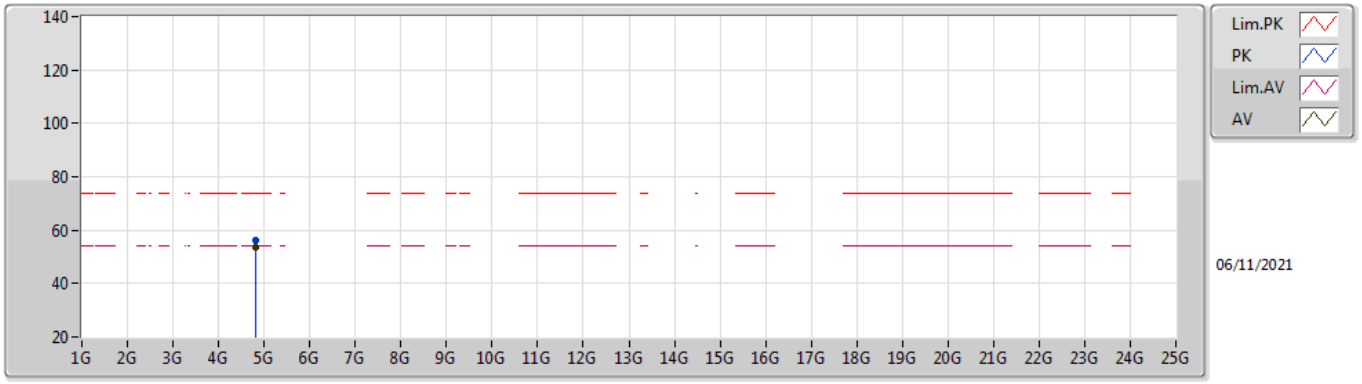


EUT Y_2TX
Setting 29
01-A-E-2

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	4.82392G	52.21	74.00	-21.79	47.54	3	Vertical	175	2.14	-	31.35	6.30	32.98
AV	4.82395G	47.32	54.00	-6.68	42.65	3	Vertical	175	2.14	-	31.35	6.30	32.98

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

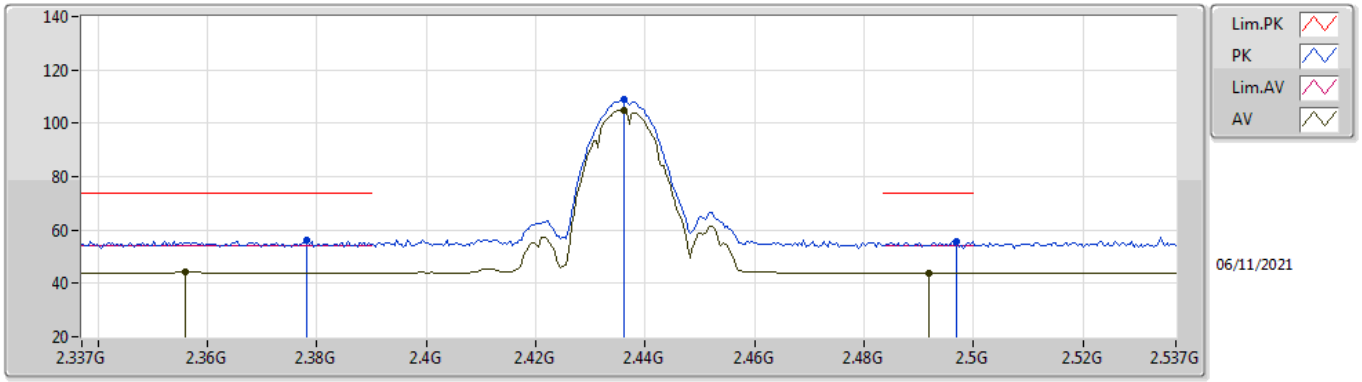


EUT Y_2TX
Setting 29
01-A-E-2

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	4.824G	56.15	74.00	-17.85	51.48	3	Horizontal	335	2.16	-	31.35	6.30	32.98
AV	4.82395G	53.60	54.00	-0.40	48.93	3	Horizontal	335	2.16	-	31.35	6.30	32.98

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

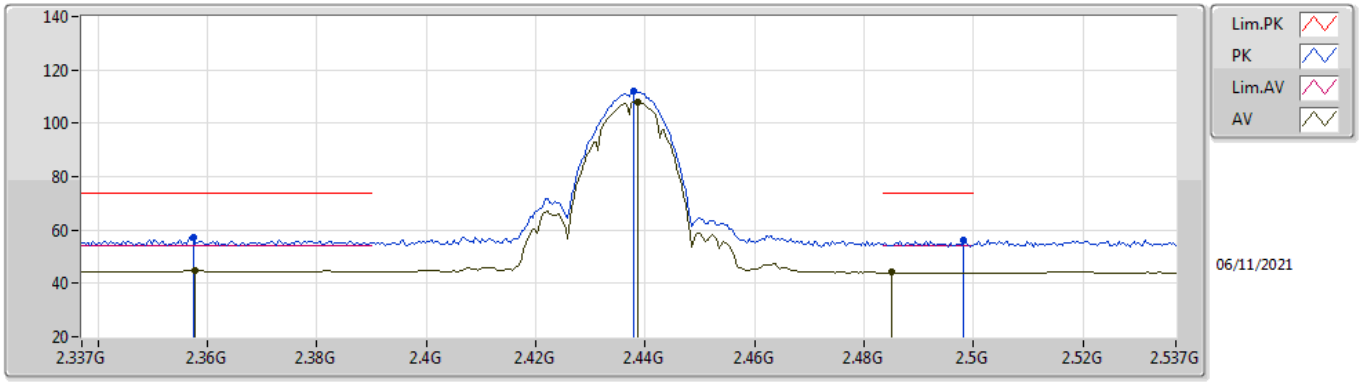


EUT X_2TX
Setting 26
01-A-E-2

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	2.3782G	55.95	74.00	-18.05	24.51	3	Vertical	182	2.12	-	27.64	3.80	-
AV	2.3558G	44.47	54.00	-9.53	12.98	3	Vertical	182	2.12	-	27.69	3.80	-
PK	2.4362G	108.92	Inf	-Inf	77.57	3	Vertical	182	2.12	-	27.53	3.82	-
AV	2.4362G	104.99	Inf	-Inf	73.64	3	Vertical	182	2.12	-	27.53	3.82	-
PK	2.497G	55.47	74.00	-18.53	24.12	3	Vertical	182	2.12	-	27.50	3.85	-
AV	2.4918G	43.87	54.00	-10.13	12.52	3	Vertical	182	2.12	-	27.50	3.85	-

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

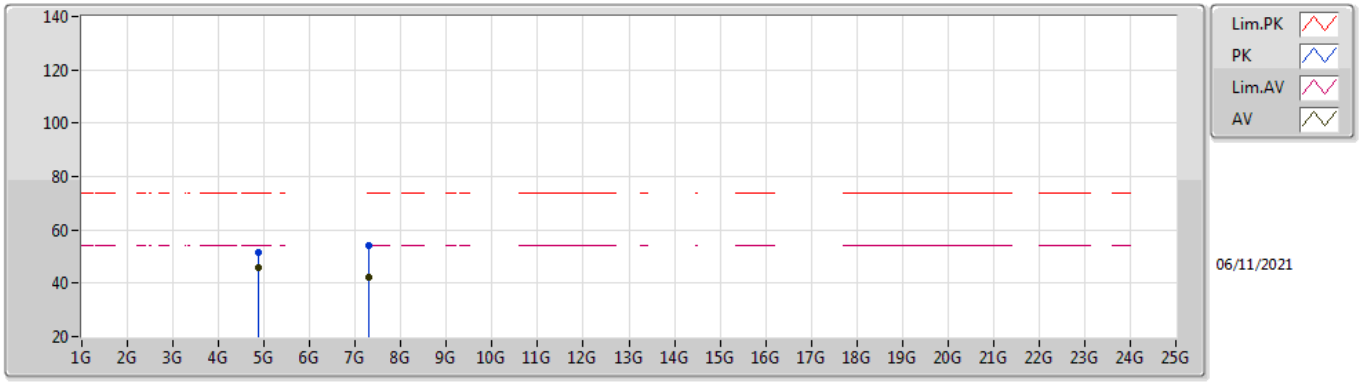


EUT X_2TX
Setting 26
01-A-E-2

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	2.3574G	57.30	74.00	-16.70	25.81	3	Horizontal	185	1.76	-	27.69	3.80	-
AV	2.3578G	45.01	54.00	-8.99	13.53	3	Horizontal	185	1.76	-	27.68	3.80	-
PK	2.4378G	112.10	Inf	-Inf	80.76	3	Horizontal	185	1.76	-	27.52	3.82	-
AV	2.4386G	108.09	Inf	-Inf	76.75	3	Horizontal	185	1.76	-	27.52	3.82	-
PK	2.4982G	56.11	74.00	-17.89	24.76	3	Horizontal	185	1.76	-	27.50	3.85	-
AV	2.485G	44.08	54.00	-9.92	12.74	3	Horizontal	185	1.76	-	27.50	3.84	-

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

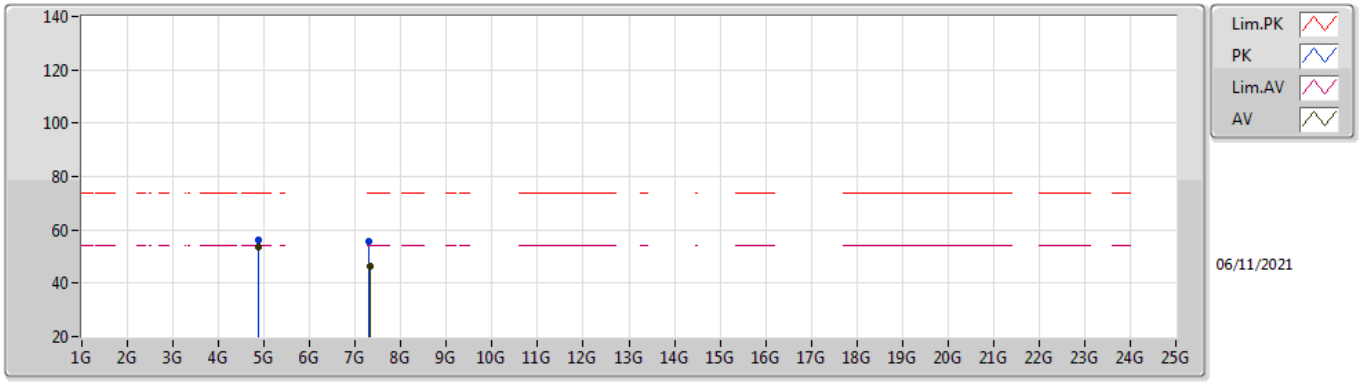


EUT Y_2TX
Setting 26
01-A-E-2

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	4.8739G	51.57	74.00	-22.43	46.95	3	Vertical	122	1.84	-	31.30	6.30	32.98
AV	4.87397G	46.00	54.00	-8.00	41.38	3	Vertical	122	1.84	-	31.30	6.30	32.98
PK	7.30892G	54.17	74.00	-19.83	43.50	3	Vertical	217	2.15	-	36.44	7.31	33.08
AV	7.31013G	41.99	54.00	-12.01	31.32	3	Vertical	217	2.15	-	36.44	7.31	33.08

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

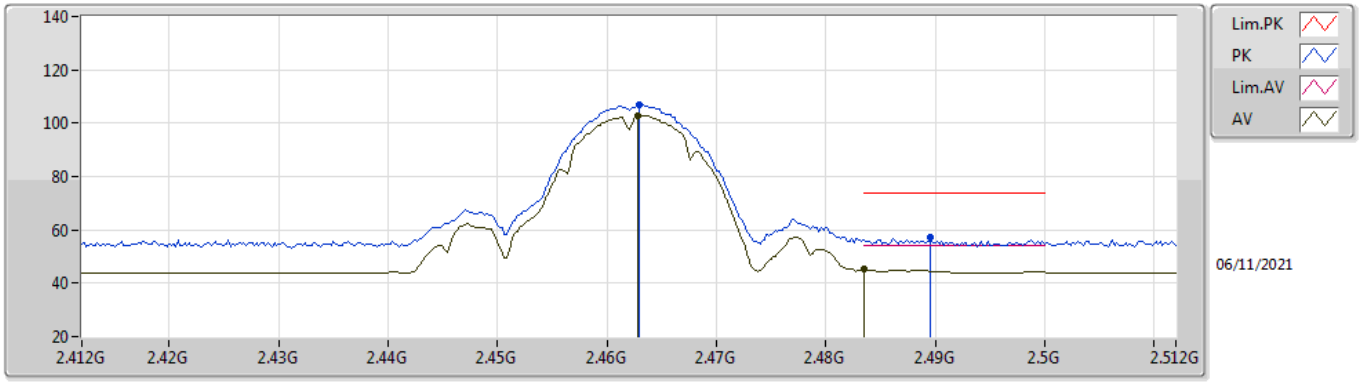


EUT Y_2TX
Setting 26
01-A-E-2

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	4.87394G	56.18	74.00	-17.82	51.56	3	Horizontal	4	2.16	-	31.30	6.30	32.98
AV	4.87394G	53.77	54.00	-0.23	49.15	3	Horizontal	4	2.16	-	31.30	6.30	32.98
PK	7.30941G	55.94	74.00	-18.06	45.27	3	Horizontal	349	1.72	-	36.44	7.31	33.08
AV	7.31166G	46.42	54.00	-7.58	35.74	3	Horizontal	349	1.72	-	36.45	7.31	33.08

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

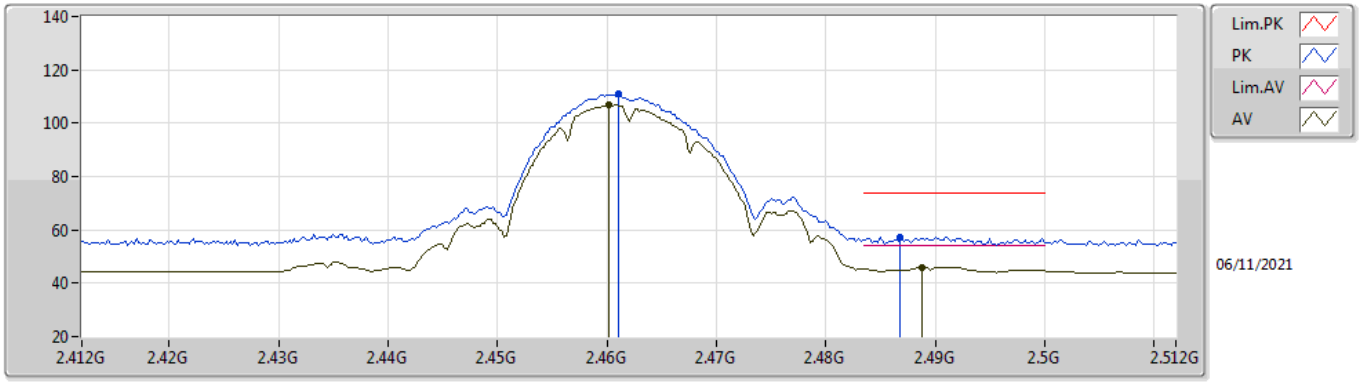


EUT X_2TX
Setting 27
01-A-E-2

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	2.463G	107.11	Inf	-Inf	75.78	3	Vertical	360	2.23	-	27.50	3.83	-
AV	2.4628G	102.80	Inf	-Inf	71.47	3	Vertical	360	2.23	-	27.50	3.83	-
PK	2.4896G	56.99	74.00	-17.01	25.65	3	Vertical	360	2.23	-	27.50	3.84	-
AV	2.4835G	45.09	54.00	-8.91	13.75	3	Vertical	360	2.23	-	27.50	3.84	-

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

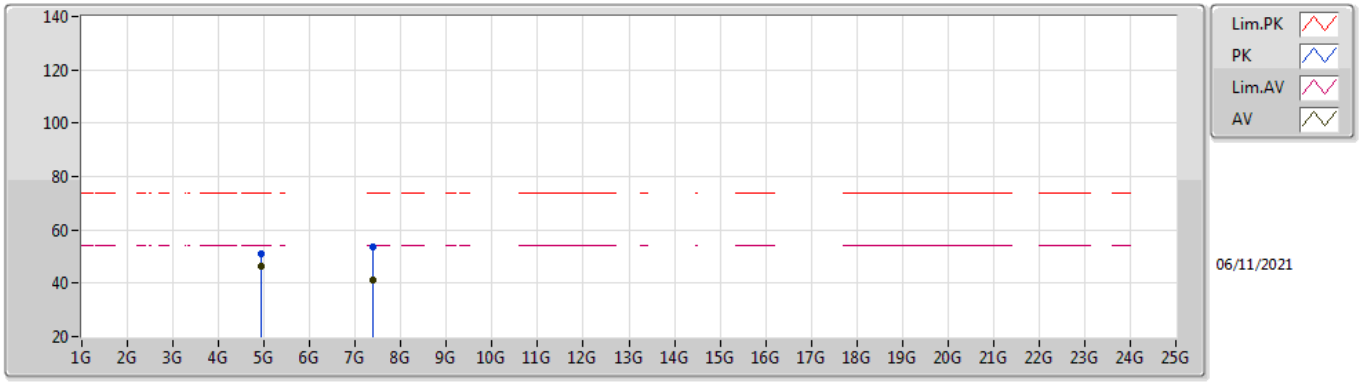


EUT X_2TX
Setting 27
01-A-E-2

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	2.461G	110.80	Inf	-Inf	79.47	3	Horizontal	185	2.23	-	27.50	3.83	-
AV	2.4602G	106.84	Inf	-Inf	75.51	3	Horizontal	185	2.23	-	27.50	3.83	-
PK	2.4868G	57.31	74.00	-16.69	25.97	3	Horizontal	185	2.23	-	27.50	3.84	-
AV	2.4888G	46.08	54.00	-7.92	14.74	3	Horizontal	185	2.23	-	27.50	3.84	-

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

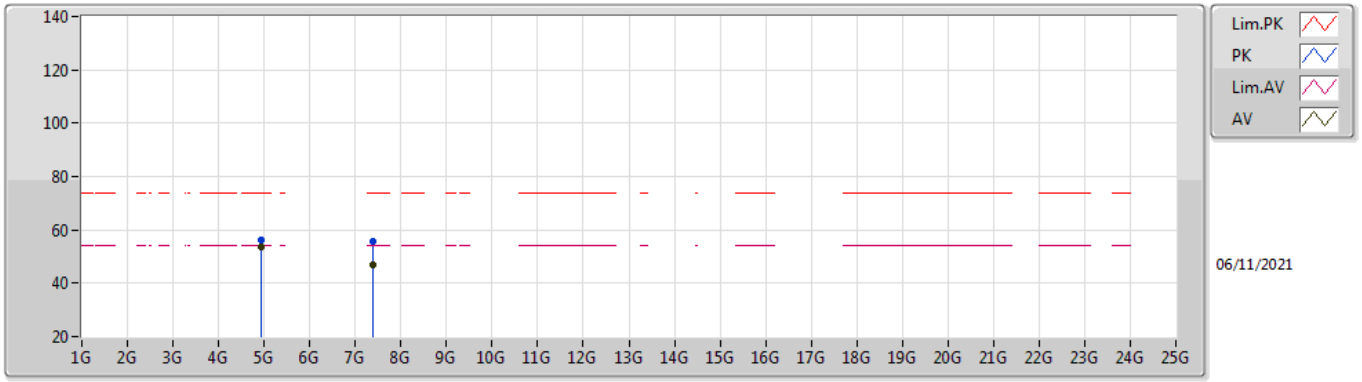


EUT Y_2TX
Setting 27
01-A-E-2

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	4.92394G	51.03	74.00	-22.97	46.30	3	Vertical	108	1.87	-	31.40	6.30	32.97
AV	4.92396G	46.33	54.00	-7.67	41.60	3	Vertical	108	1.87	-	31.40	6.30	32.97
PK	7.38437G	53.79	74.00	-20.21	43.00	3	Vertical	129	1.78	-	36.46	7.38	33.05
AV	7.38514G	41.34	54.00	-12.66	30.54	3	Vertical	129	1.78	-	36.46	7.39	33.05

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

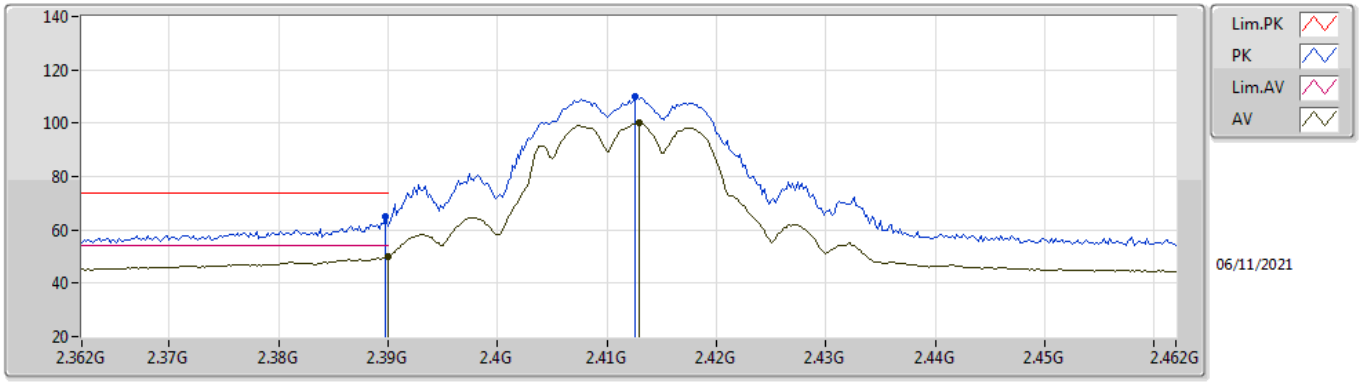


EUT Y_2TX
Setting 27
01-A-E-2

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	4.92401G	56.25	74.00	-17.75	51.52	3	Horizontal	333	2.19	-	31.40	6.30	32.97
AV	4.92397G	53.68	54.00	-0.32	48.95	3	Horizontal	333	2.19	-	31.40	6.30	32.97
PK	7.38792G	55.77	74.00	-18.23	44.98	3	Horizontal	348	1.80	-	36.45	7.39	33.05
AV	7.38517G	46.64	54.00	-7.36	35.84	3	Horizontal	348	1.80	-	36.46	7.39	33.05

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

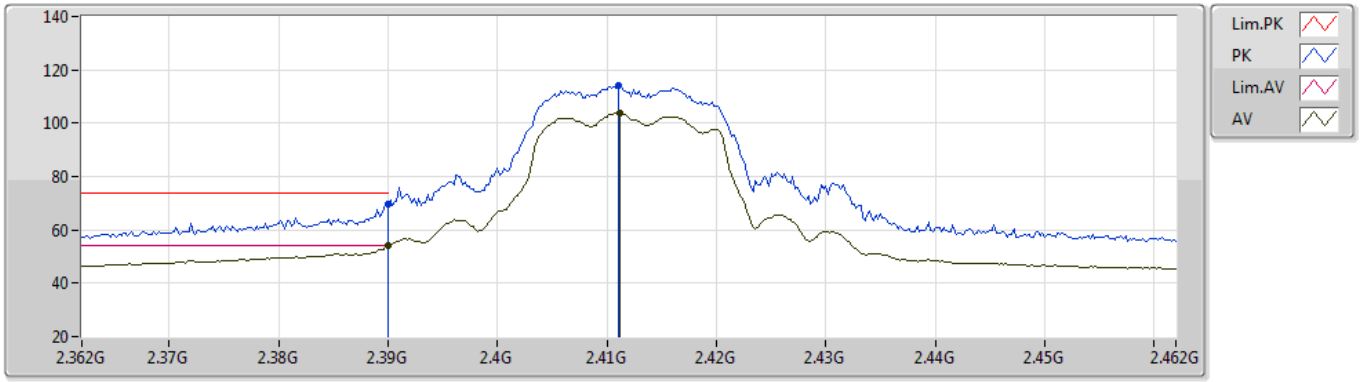


EUT X_2TX
Setting 26
01-A-E-2

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	64.96	74.00	-9.04	33.54	3	Vertical	180	2.20	-	27.62	3.80	-
AV	2.39G	49.92	54.00	-4.08	18.50	3	Vertical	180	2.20	-	27.62	3.80	-
PK	2.4126G	109.80	Inf	-Inf	78.42	3	Vertical	180	2.20	-	27.57	3.81	-
AV	2.413G	99.93	Inf	-Inf	68.55	3	Vertical	180	2.20	-	27.57	3.81	-

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

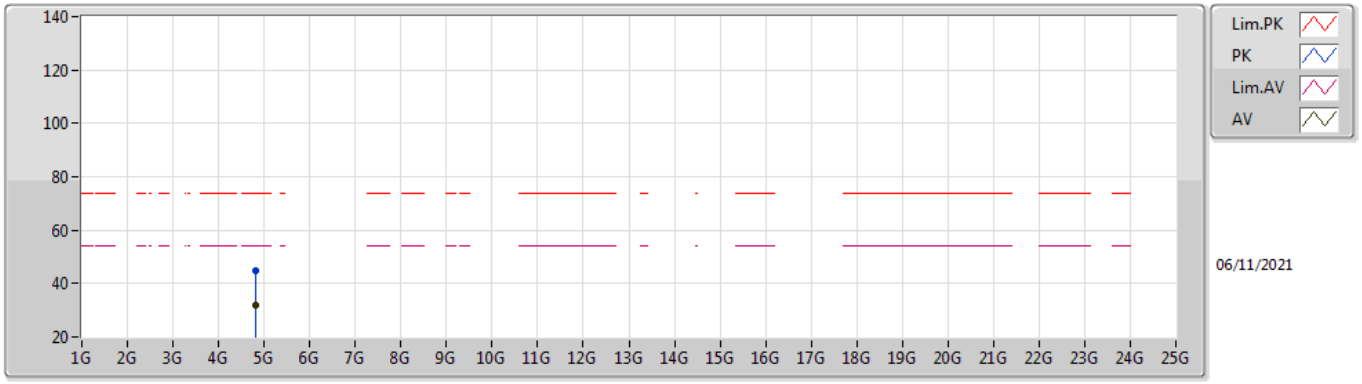


EUT X_2TX
Setting 26
01-A-E-2

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	69.80	74.00	-4.20	38.38	3	Horizontal	184	1.55	-	27.62	3.80	-
AV	2.39G	53.96	54.00	-0.04	22.54	3	Horizontal	184	1.55	-	27.62	3.80	-
PK	2.411G	113.99	Inf	-Inf	82.60	3	Horizontal	184	1.55	-	27.58	3.81	-
AV	2.4112G	103.88	Inf	-Inf	72.49	3	Horizontal	184	1.55	-	27.58	3.81	-

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

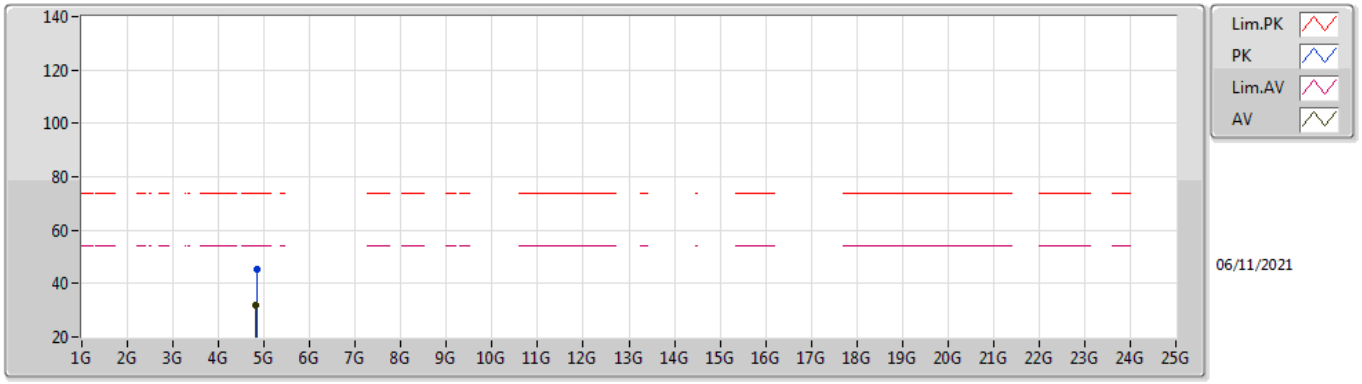


EUT Y_2TX
Setting 26
01-A-E-2

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	4.8235G	45.08	74.00	-28.92	40.41	3	Vertical	187	1.20	-	31.35	6.30	32.98
AV	4.82724G	31.97	54.00	-22.03	27.30	3	Vertical	187	1.20	-	31.35	6.30	32.98

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

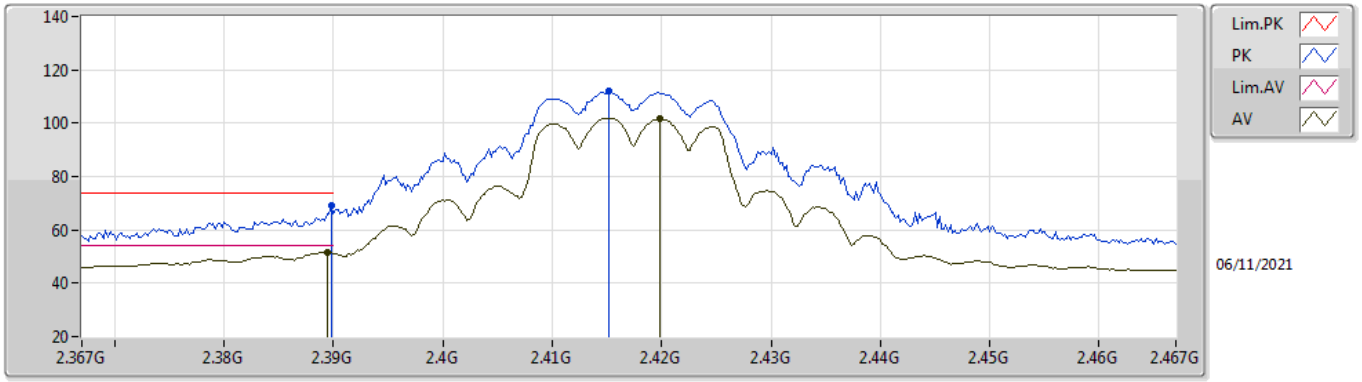


EUT Y_2TX
Setting 26
01-A-E-2

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	4.82892G	45.44	74.00	-28.56	40.78	3	Horizontal	163	2.25	-	31.34	6.30	32.98
AV	4.8221G	32.02	54.00	-21.98	27.34	3	Horizontal	163	2.25	-	31.36	6.30	32.98

802.11g_Nss1,(6Mbps)_2TX

2417MHz_TX

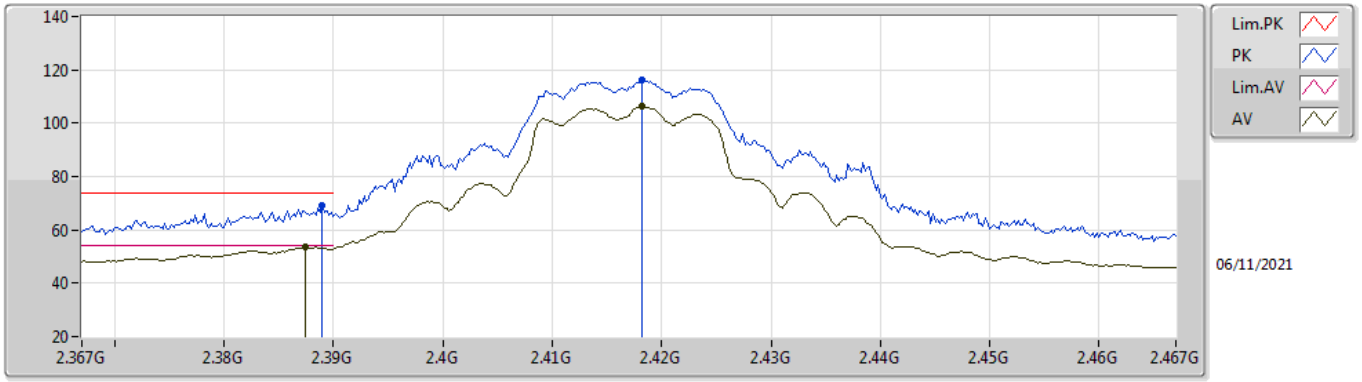


EUT X_2TX
Setting 2C
01-A-E-2

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	69.29	74.00	-4.71	37.87	3	Vertical	181	2.21	-	27.62	3.80	-
AV	2.3894G	51.77	54.00	-2.23	20.35	3	Vertical	181	2.21	-	27.62	3.80	-
PK	2.4152G	111.94	Inf	-Inf	80.56	3	Vertical	181	2.21	-	27.57	3.81	-
AV	2.4198G	101.96	Inf	-Inf	70.59	3	Vertical	181	2.21	-	27.56	3.81	-

802.11g_Nss1,(6Mbps)_2TX

2417MHz_TX

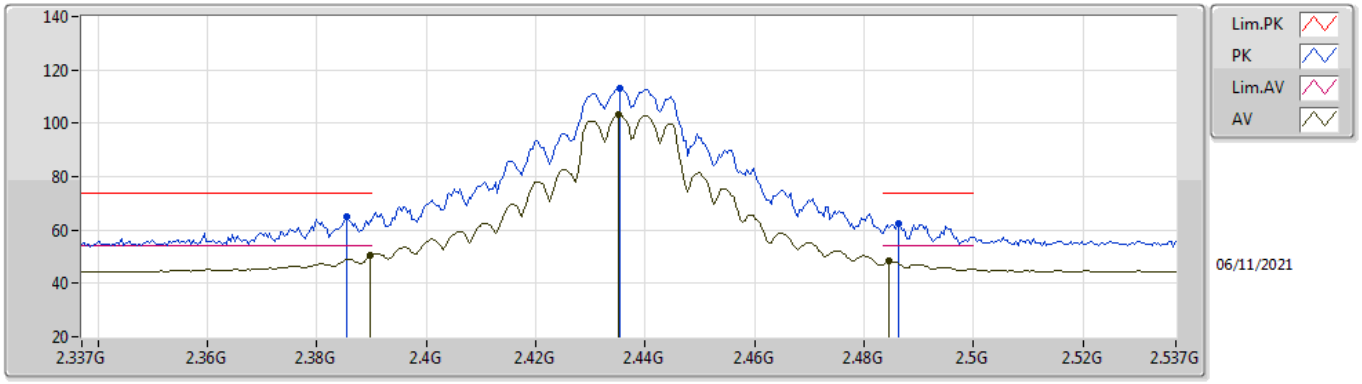


EUT X_2TX
Setting 2C
01-A-E-2

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	69.07	74.00	-4.93	37.65	3	Horizontal	185	1.29	-	27.62	3.80	-
AV	2.3874G	53.52	54.00	-0.48	22.09	3	Horizontal	185	1.29	-	27.63	3.80	-
PK	2.4182G	116.29	Inf	-Inf	84.92	3	Horizontal	185	1.29	-	27.56	3.81	-
AV	2.4182G	106.18	Inf	-Inf	74.81	3	Horizontal	185	1.29	-	27.56	3.81	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

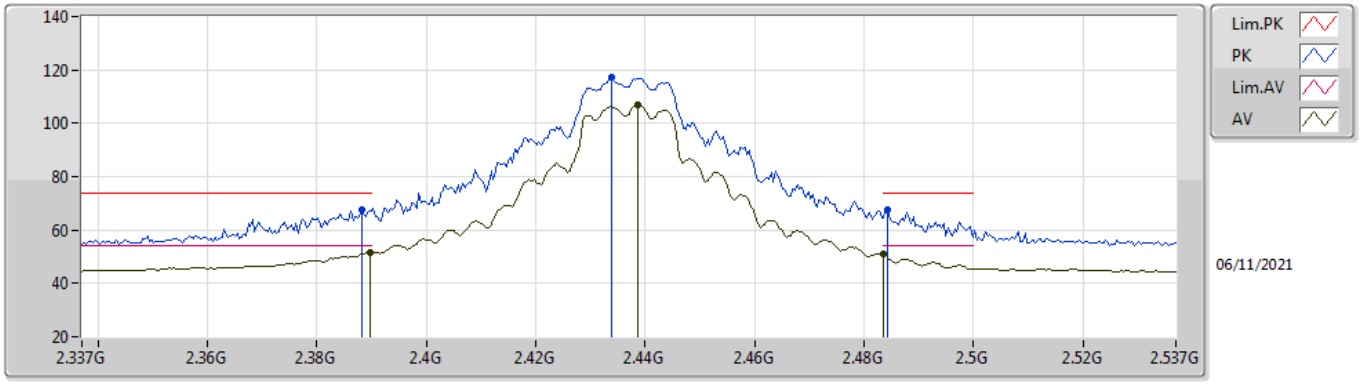


EUT X_2TX
Setting 31
01-A-E-2

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	2.3854G	64.97	74.00	-9.03	33.54	3	Vertical	180	2.14	-	27.63	3.80	-
AV	2.3898G	50.33	54.00	-3.67	18.91	3	Vertical	180	2.14	-	27.62	3.80	-
PK	2.4354G	113.16	Inf	-Inf	81.81	3	Vertical	180	2.14	-	27.53	3.82	-
AV	2.435G	103.13	Inf	-Inf	71.78	3	Vertical	180	2.14	-	27.53	3.82	-
PK	2.4862G	62.59	74.00	-11.41	31.25	3	Vertical	180	2.14	-	27.50	3.84	-
AV	2.4846G	48.37	54.00	-5.63	17.03	3	Vertical	180	2.14	-	27.50	3.84	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

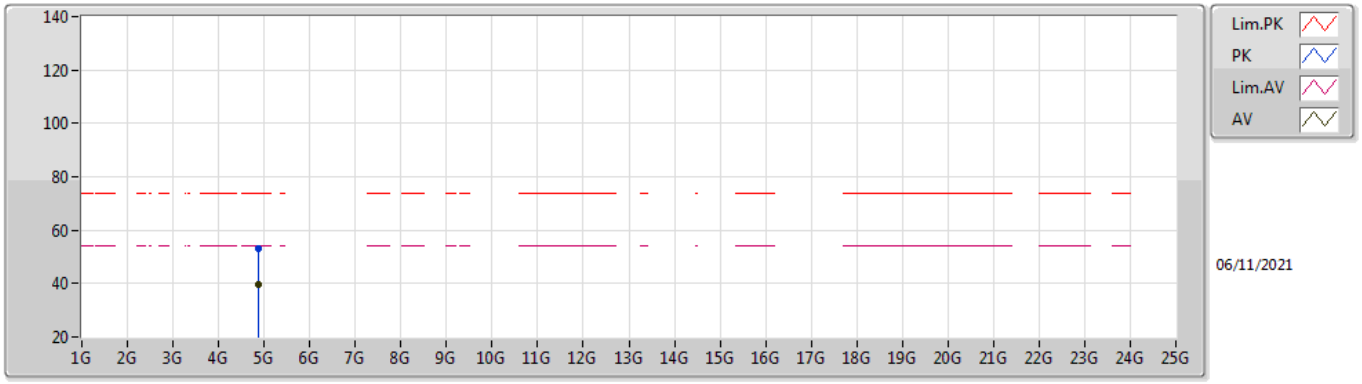


EUT X_2TX
Setting 31
01-A-E-2

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	2.3882G	67.63	74.00	-6.37	36.21	3	Horizontal	184	1.77	-	27.62	3.80	-
AV	2.3898G	51.69	54.00	-2.31	20.27	3	Horizontal	184	1.77	-	27.62	3.80	-
PK	2.4338G	117.02	Inf	-Inf	85.67	3	Horizontal	184	1.77	-	27.53	3.82	-
AV	2.4386G	106.79	Inf	-Inf	75.45	3	Horizontal	184	1.77	-	27.52	3.82	-
PK	2.4842G	67.35	74.00	-6.65	36.01	3	Horizontal	184	1.77	-	27.50	3.84	-
AV	2.4835G	50.84	54.00	-3.16	19.50	3	Horizontal	184	1.77	-	27.50	3.84	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

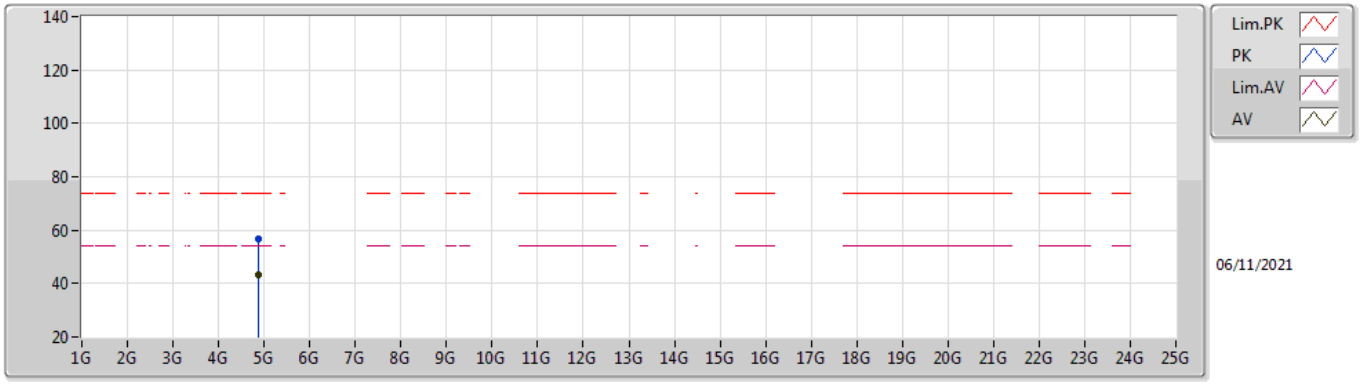


EUT Y_2TX
Setting 31
01-A-E-2

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	4.87324G	53.00	74.00	-21.00	48.38	3	Vertical	194	1.80	-	31.30	6.30	32.98
AV	4.87298G	39.41	54.00	-14.59	34.79	3	Vertical	194	1.80	-	31.30	6.30	32.98

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

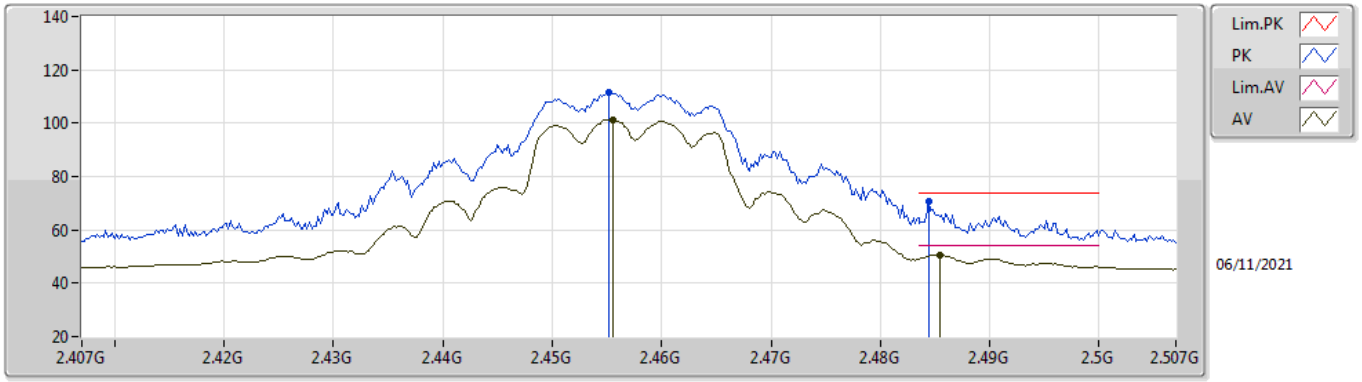


EUT Y_2TX
Setting 31
01-A-E-2

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	4.8737G	56.56	74.00	-17.44	51.94	3	Horizontal	3	2.32	-	31.30	6.30	32.98
AV	4.87312G	43.10	54.00	-10.90	38.48	3	Horizontal	3	2.32	-	31.30	6.30	32.98

802.11g_Nss1,(6Mbps)_2TX

2457MHz_TX

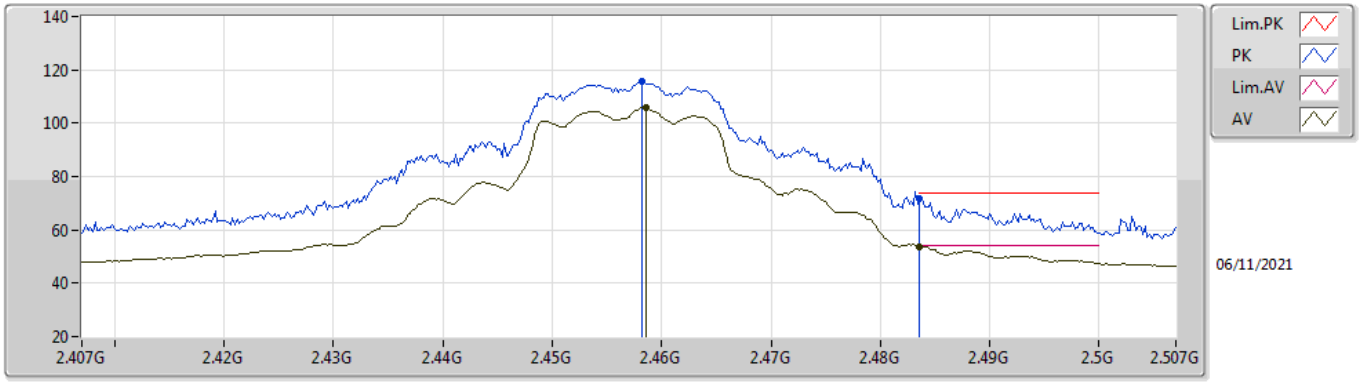


EUT X_2TX
Setting 2D
01-A-E-2

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	2.4552G	111.34	Inf	-Inf	80.01	3	Vertical	183	1.74	-	27.50	3.83	-
AV	2.4556G	101.42	Inf	-Inf	70.09	3	Vertical	183	1.74	-	27.50	3.83	-
PK	2.4844G	70.45	74.00	-3.55	39.11	3	Vertical	183	1.74	-	27.50	3.84	-
AV	2.4854G	50.63	54.00	-3.37	19.29	3	Vertical	183	1.74	-	27.50	3.84	-

802.11g_Nss1,(6Mbps)_2TX

2457MHz_TX

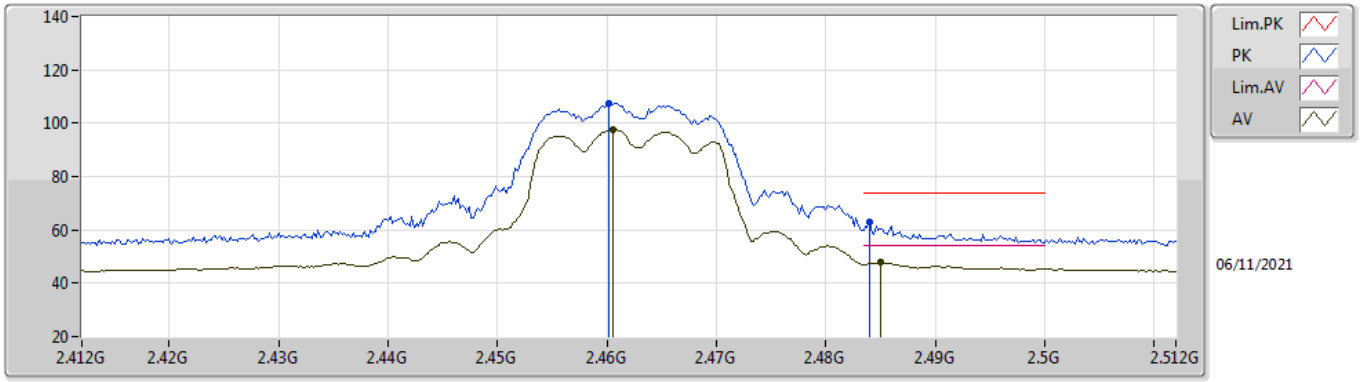


EUT X_2TX
Setting 2D
01-A-E-2

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	2.4582G	115.68	Inf	-Inf	84.35	3	Horizontal	185	2.21	-	27.50	3.83	-
AV	2.4586G	105.66	Inf	-Inf	74.33	3	Horizontal	185	2.21	-	27.50	3.83	-
PK	2.4836G	71.80	74.00	-2.20	40.46	3	Horizontal	185	2.21	-	27.50	3.84	-
AV	2.4835G	53.86	54.00	-0.14	22.52	3	Horizontal	185	2.21	-	27.50	3.84	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

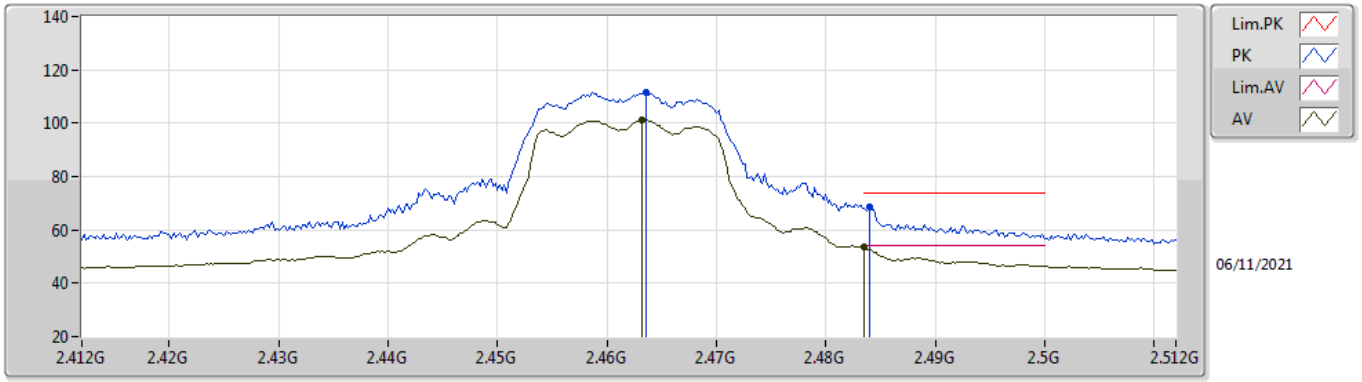


EUT X_2TX
Setting 24
01-A-E-2

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	2.4602G	107.45	Inf	-Inf	76.12	3	Vertical	182	1.63	-	27.50	3.83	-
AV	2.4606G	97.74	Inf	-Inf	66.41	3	Vertical	182	1.63	-	27.50	3.83	-
PK	2.484G	63.11	74.00	-10.89	31.77	3	Vertical	182	1.63	-	27.50	3.84	-
AV	2.485G	47.96	54.00	-6.04	16.62	3	Vertical	182	1.63	-	27.50	3.84	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

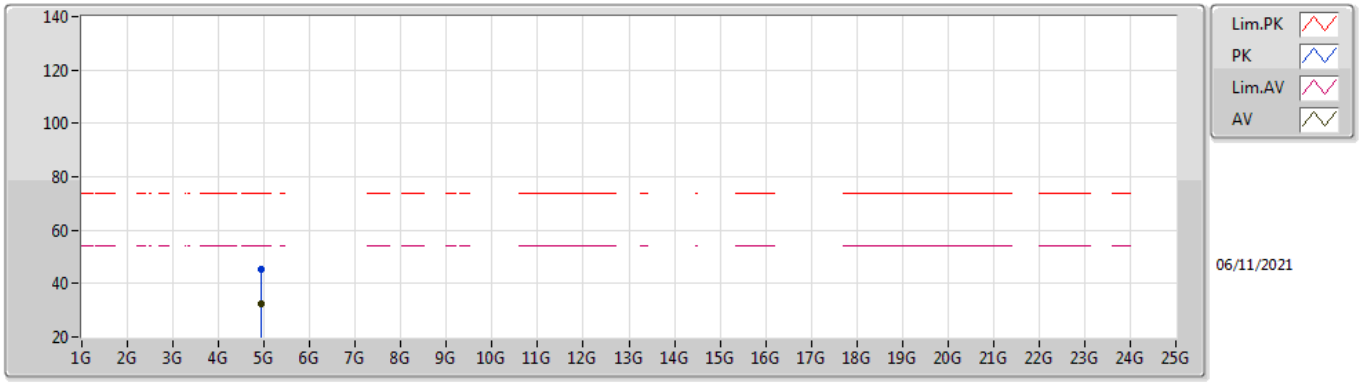


EUT X_2TX
Setting 24
01-A-E-2

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	2.4636G	111.57	Inf	-Inf	80.24	3	Horizontal	185	2.22	-	27.50	3.83	-
AV	2.4632G	101.34	Inf	-Inf	70.01	3	Horizontal	185	2.22	-	27.50	3.83	-
PK	2.484G	68.51	74.00	-5.49	37.17	3	Horizontal	185	2.22	-	27.50	3.84	-
AV	2.4835G	53.58	54.00	-0.42	22.24	3	Horizontal	185	2.22	-	27.50	3.84	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

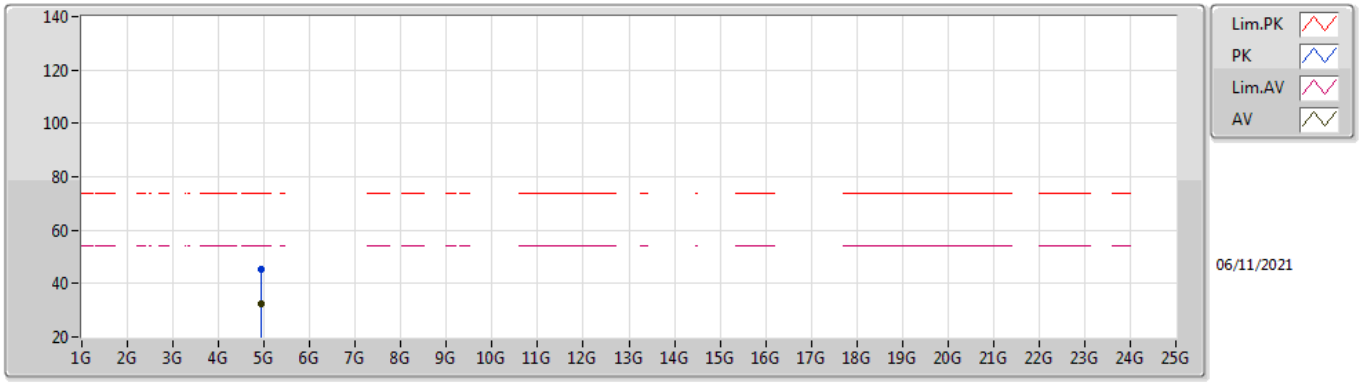


EUT Y_2TX
Setting 24
01-A-E-2

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	4.92445G	45.44	74.00	-28.56	40.71	3	Vertical	336	1.42	-	31.40	6.30	32.97
AV	4.92373G	32.16	54.00	-21.84	27.44	3	Vertical	336	1.42	-	31.39	6.30	32.97

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

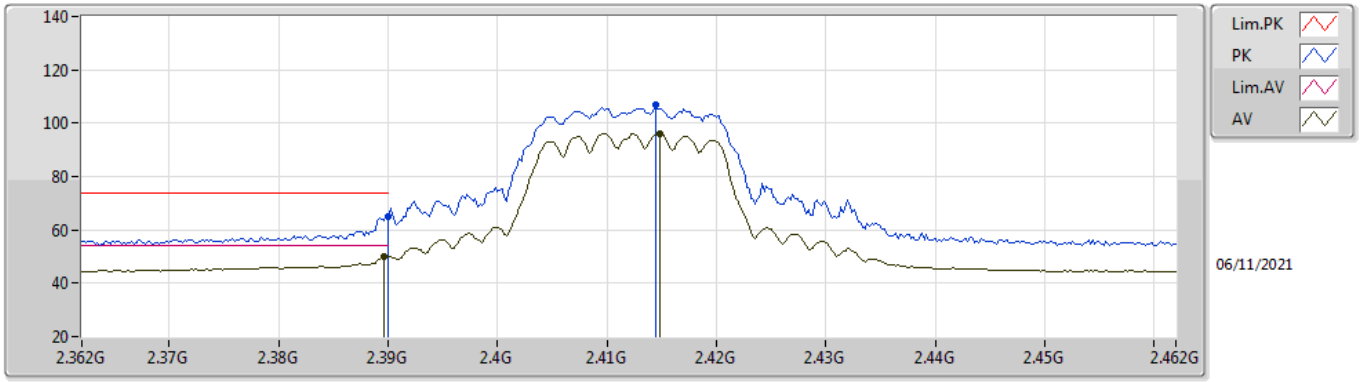


EUT Y_2TX
Setting 24
01-A-E-2

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	4.92294G	45.27	74.00	-28.73	40.55	3	Horizontal	237	2.16	-	31.39	6.30	32.97
AV	4.92412G	32.22	54.00	-21.78	27.49	3	Horizontal	237	2.16	-	31.40	6.30	32.97

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

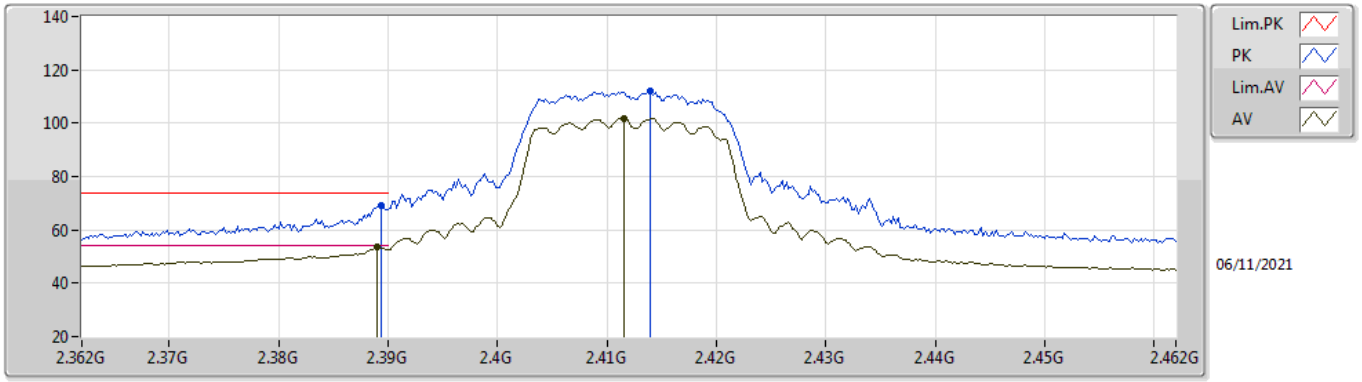


EUT X_2TX
Setting 25
01-A-E-2

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	64.99	74.00	-9.01	33.57	3	Vertical	184	1.80	-	27.62	3.80	-
AV	2.3896G	49.92	54.00	-4.08	18.50	3	Vertical	184	1.80	-	27.62	3.80	-
PK	2.4144G	106.67	Inf	-Inf	75.29	3	Vertical	184	1.80	-	27.57	3.81	-
AV	2.4148G	96.14	Inf	-Inf	64.76	3	Vertical	184	1.80	-	27.57	3.81	-

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

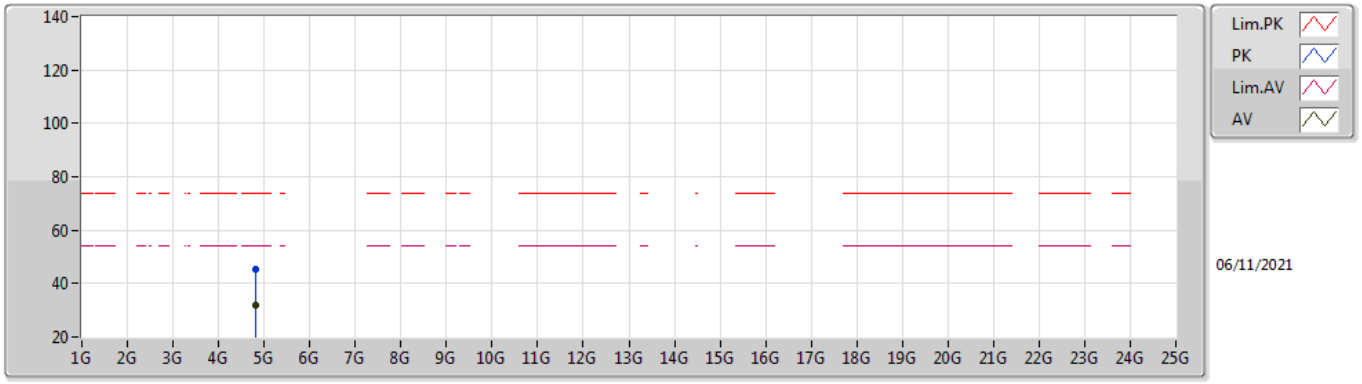


EUT X_2TX
Setting 25
01-A-E-2

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	69.14	74.00	-4.86	37.72	3	Horizontal	185	1.38	-	27.62	3.80	-
AV	2.389G	53.51	54.00	-0.49	22.09	3	Horizontal	185	1.38	-	27.62	3.80	-
PK	2.414G	111.97	Inf	-Inf	80.59	3	Horizontal	185	1.38	-	27.57	3.81	-
AV	2.4116G	101.91	Inf	-Inf	70.52	3	Horizontal	185	1.38	-	27.58	3.81	-

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

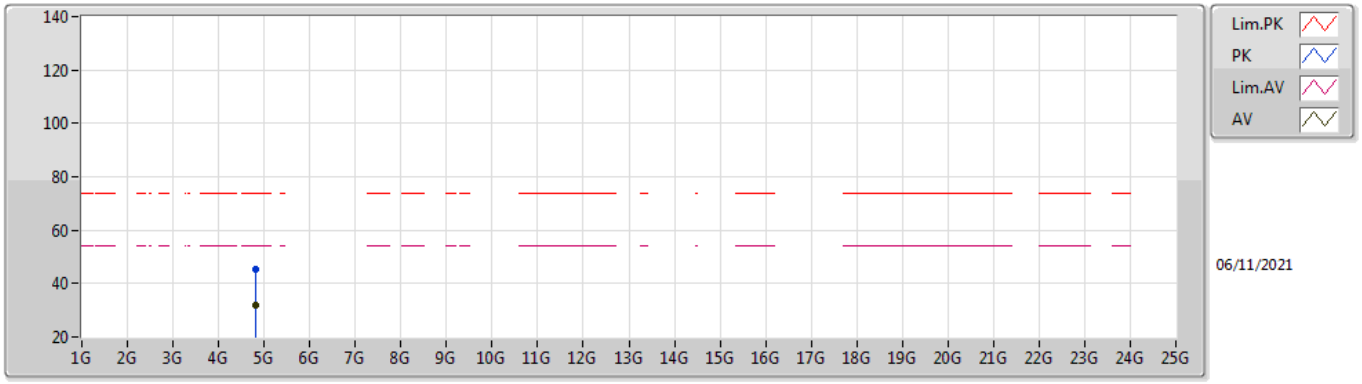


EUT Y_2TX
Setting 25
01-A-E-2

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	4.82502G	45.11	74.00	-28.89	40.44	3	Vertical	89	2.76	-	31.35	6.30	32.98
AV	4.82159G	31.87	54.00	-22.13	27.19	3	Vertical	89	2.76	-	31.36	6.30	32.98

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

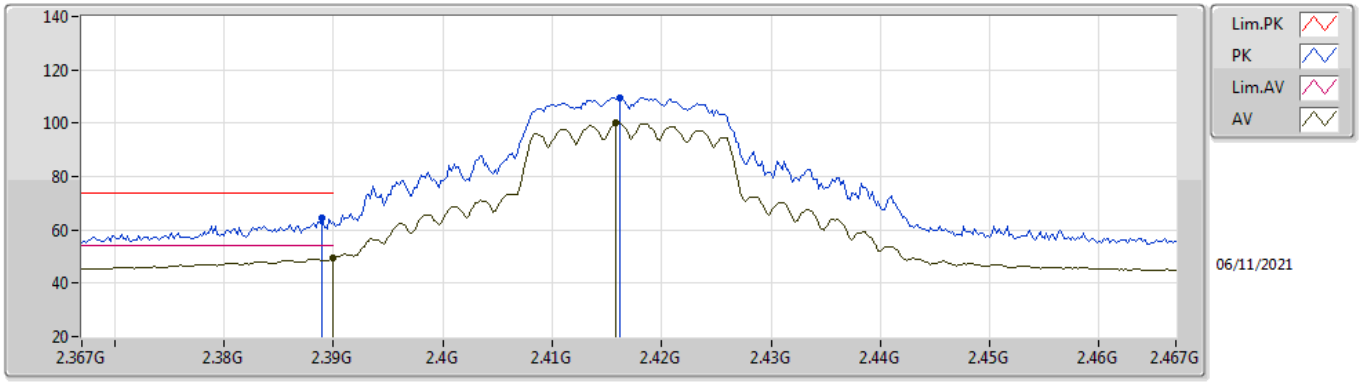


EUT Y_2TX
Setting 25
01-A-E-2

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	4.82261G	45.45	74.00	-28.55	40.78	3	Horizontal	291	1.45	-	31.35	6.30	32.98
AV	4.82507G	31.95	54.00	-22.05	27.28	3	Horizontal	291	1.45	-	31.35	6.30	32.98

802.11n HT20_Nss1,(MCS0)_2TX

2417MHz_TX

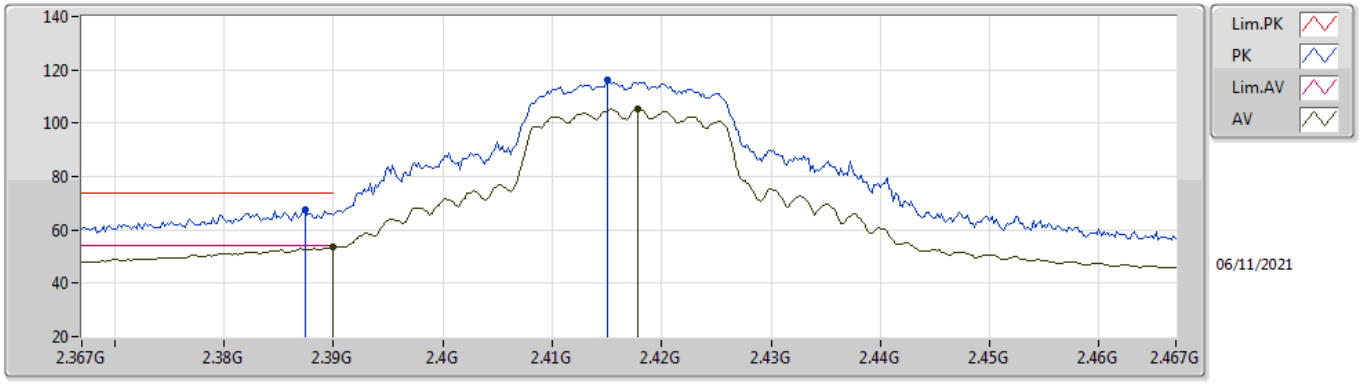


EUT X_2TX
Setting 2C
01-A-E-2

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	64.65	74.00	-9.35	33.23	3	Vertical	182	1.79	-	27.62	3.80	-
AV	2.39G	49.25	54.00	-4.75	17.83	3	Vertical	182	1.79	-	27.62	3.80	-
PK	2.4162G	109.72	Inf	-Inf	78.34	3	Vertical	182	1.79	-	27.57	3.81	-
AV	2.4158G	100.08	Inf	-Inf	68.70	3	Vertical	182	1.79	-	27.57	3.81	-

802.11n HT20_Nss1,(MCS0)_2TX

2417MHz_TX

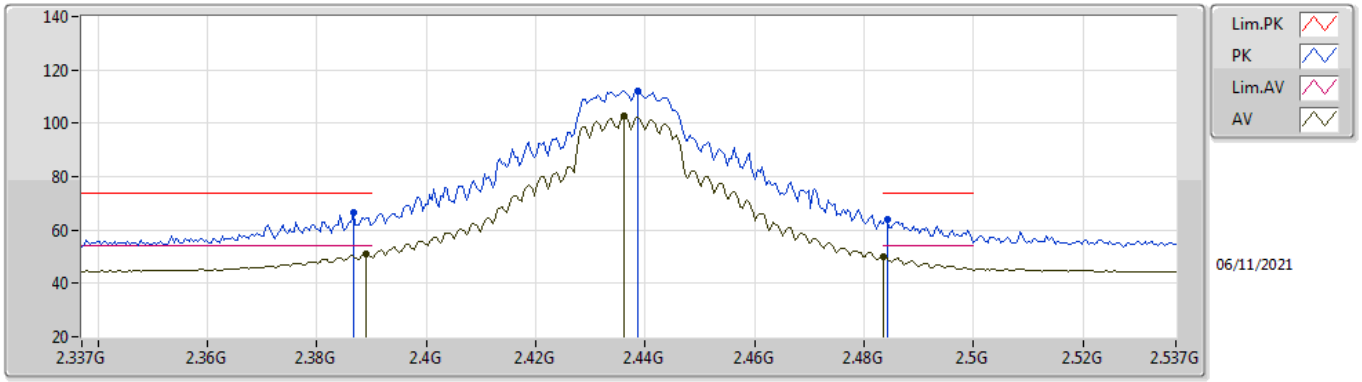


EUT X_2TX
Setting 2C
01-A-E-2

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	67.42	74.00	-6.58	35.99	3	Horizontal	183	1.30	-	27.63	3.80	-
AV	2.39G	53.78	54.00	-0.22	22.36	3	Horizontal	183	1.30	-	27.62	3.80	-
PK	2.415G	116.00	Inf	-Inf	84.62	3	Horizontal	183	1.30	-	27.57	3.81	-
AV	2.4178G	105.19	Inf	-Inf	73.82	3	Horizontal	183	1.30	-	27.56	3.81	-

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

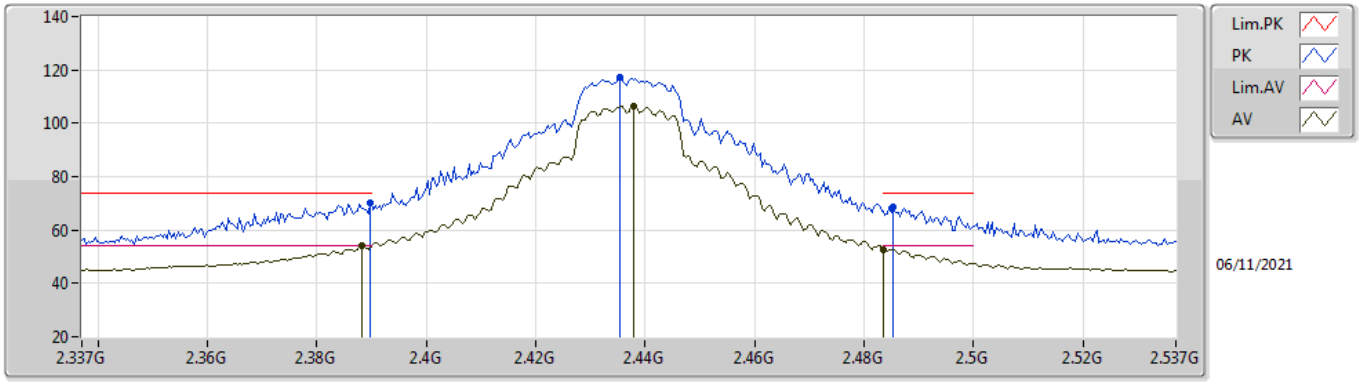


EUT X_2TX
Setting 33
01-A-E-2

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	2.3866G	66.51	74.00	-7.49	35.08	3	Vertical	180	1.68	-	27.63	3.80	-
AV	2.389G	51.23	54.00	-2.77	19.81	3	Vertical	180	1.68	-	27.62	3.80	-
PK	2.4386G	112.17	Inf	-Inf	80.83	3	Vertical	180	1.68	-	27.52	3.82	-
AV	2.4362G	102.59	Inf	-Inf	71.24	3	Vertical	180	1.68	-	27.53	3.82	-
PK	2.4842G	64.17	74.00	-9.83	32.83	3	Vertical	180	1.68	-	27.50	3.84	-
AV	2.4835G	50.16	54.00	-3.84	18.82	3	Vertical	180	1.68	-	27.50	3.84	-

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

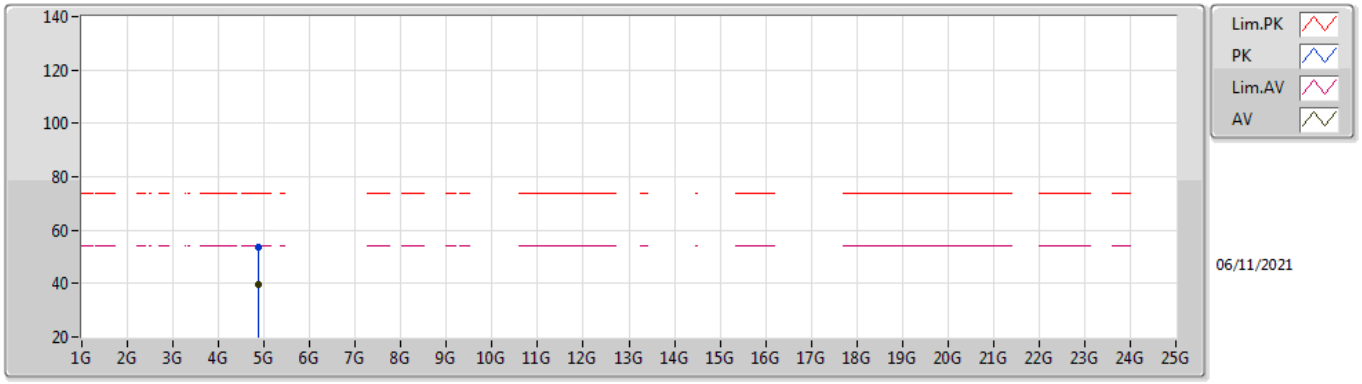


EUT X_2TX
Setting 33
01-A-E-2

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	70.40	74.00	-3.60	38.98	3	Horizontal	183	1.73	-	27.62	3.80	-
AV	2.3882G	53.96	54.00	-0.04	22.54	3	Horizontal	183	1.73	-	27.62	3.80	-
PK	2.4354G	117.00	Inf	-Inf	85.65	3	Horizontal	183	1.73	-	27.53	3.82	-
AV	2.4378G	106.43	Inf	-Inf	75.09	3	Horizontal	183	1.73	-	27.52	3.82	-
PK	2.4854G	68.55	74.00	-5.45	37.21	3	Horizontal	183	1.73	-	27.50	3.84	-
AV	2.4835G	52.81	54.00	-1.19	21.47	3	Horizontal	183	1.73	-	27.50	3.84	-

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

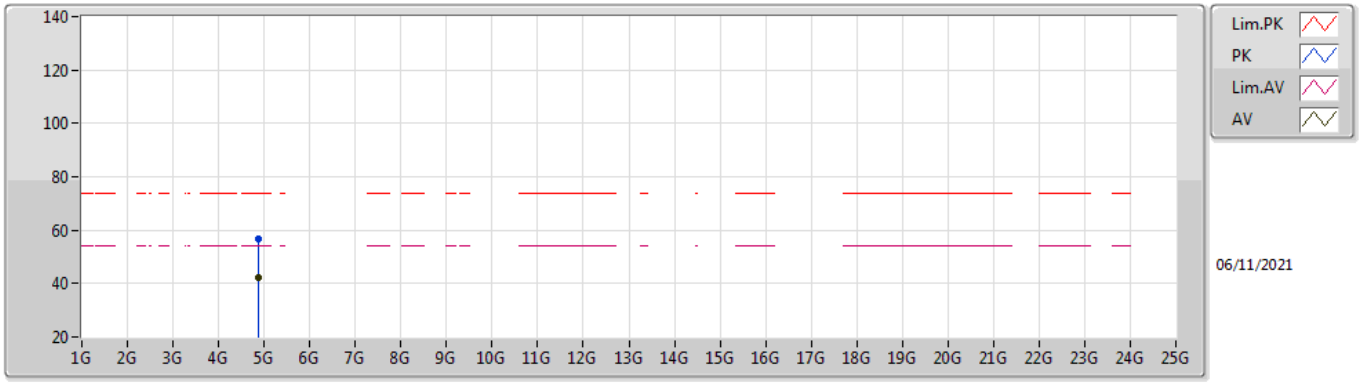


EUT Y_2TX
Setting 33
01-A-E-2

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	4.87588G	53.76	74.00	-20.24	49.14	3	Vertical	191	1.80	-	31.30	6.30	32.98
AV	4.87358G	39.68	54.00	-14.32	35.06	3	Vertical	191	1.80	-	31.30	6.30	32.98

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

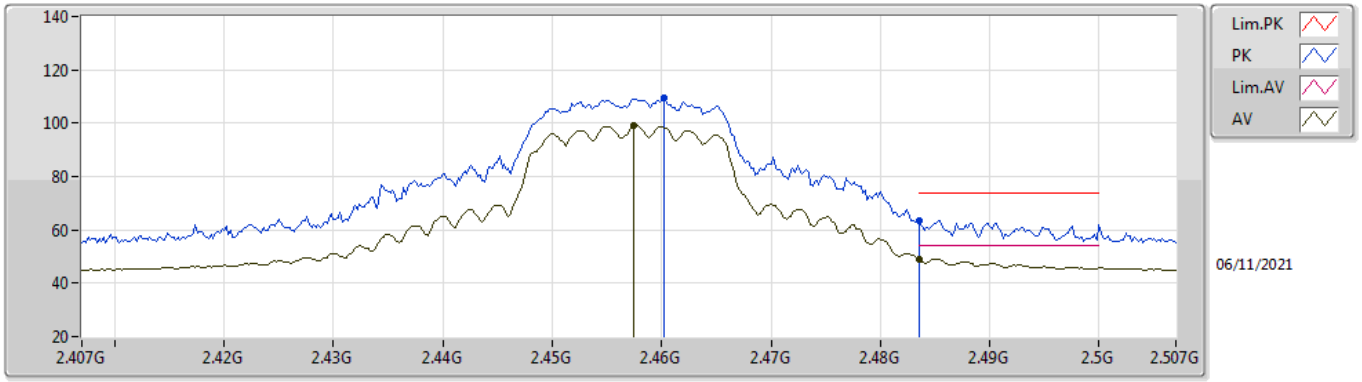


EUT Y_2TX
Setting 33
01-A-E-2

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	4.87633G	56.75	74.00	-17.25	52.13	3	Horizontal	0	2.41	-	31.30	6.30	32.98
AV	4.8764G	42.47	54.00	-11.53	37.85	3	Horizontal	0	2.41	-	31.30	6.30	32.98

802.11n HT20_Nss1,(MCS0)_2TX

2457MHz_TX

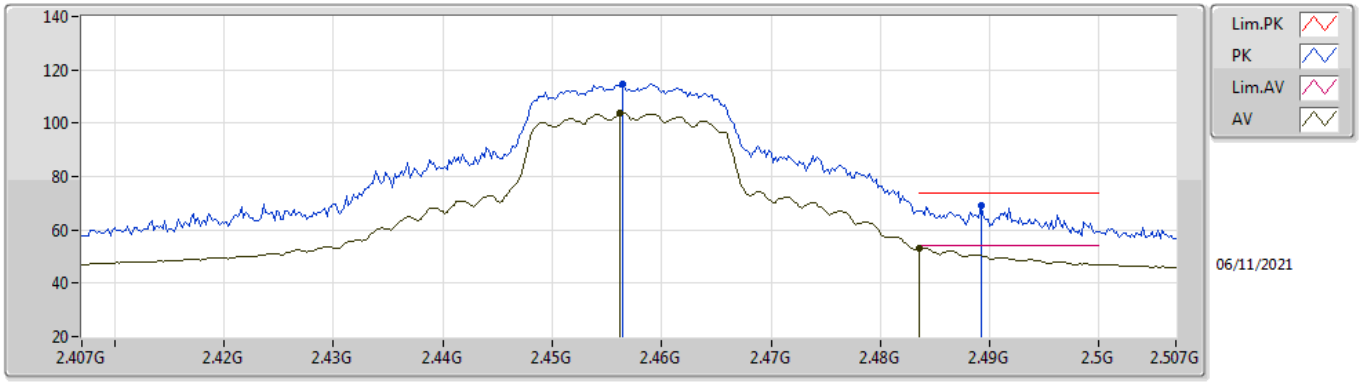


EUT X_2TX
Setting 2C
01-A-E-2

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	2.4602G	109.27	Inf	-Inf	77.94	3	Vertical	182	1.63	-	27.50	3.83	-	
AV	2.4574G	99.18	Inf	-Inf	67.85	3	Vertical	182	1.63	-	27.50	3.83	-	
PK	2.4835G	63.68	74.00	-10.32	32.34	3	Vertical	182	1.63	-	27.50	3.84	-	
AV	2.4835G	49.14	54.00	-4.86	17.80	3	Vertical	182	1.63	-	27.50	3.84	-	

802.11n HT20_Nss1,(MCS0)_2TX

2457MHz_TX

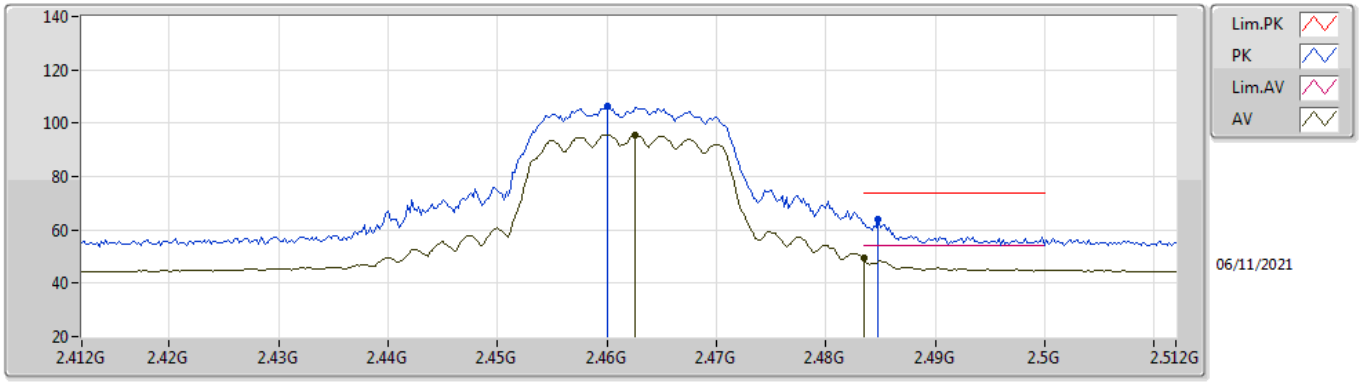


EUT X_2TX
Setting 2C
01-A-E-2

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	2.4564G	114.70	Inf	-Inf	83.37	3	Horizontal	184	2.22	-	27.50	3.83	-
AV	2.4562G	103.89	Inf	-Inf	72.56	3	Horizontal	184	2.22	-	27.50	3.83	-
PK	2.4892G	69.29	74.00	-4.71	37.95	3	Horizontal	184	2.22	-	27.50	3.84	-
AV	2.4836G	53.28	54.00	-0.72	21.94	3	Horizontal	184	2.22	-	27.50	3.84	-

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

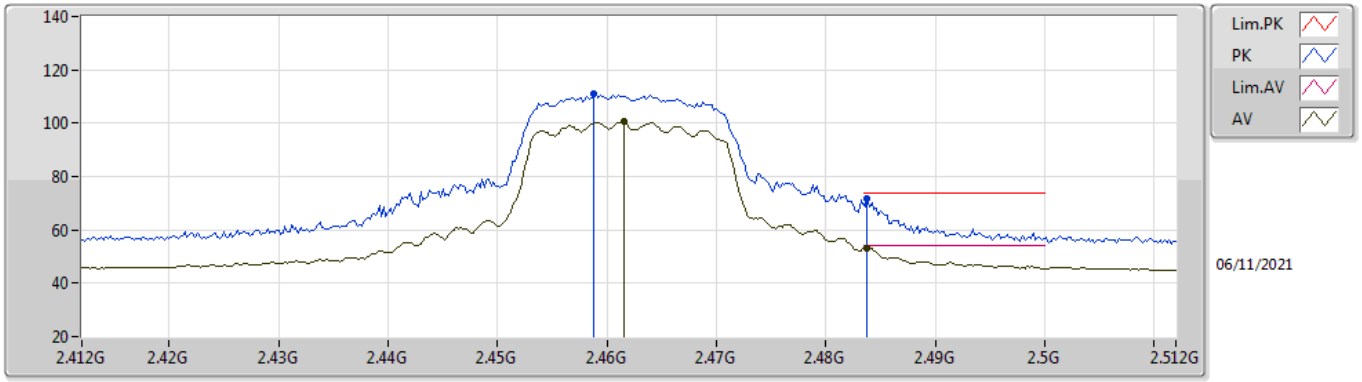


EUT X_2TX
Setting 25
01-A-E-2

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	2.46G	106.29	Inf	-Inf	74.96	3	Vertical	182	1.62	-	27.50	3.83	-
AV	2.4626G	95.75	Inf	-Inf	64.42	3	Vertical	182	1.62	-	27.50	3.83	-
PK	2.4848G	63.99	74.00	-10.01	32.65	3	Vertical	182	1.62	-	27.50	3.84	-
AV	2.4835G	49.23	54.00	-4.77	17.89	3	Vertical	182	1.62	-	27.50	3.84	-

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

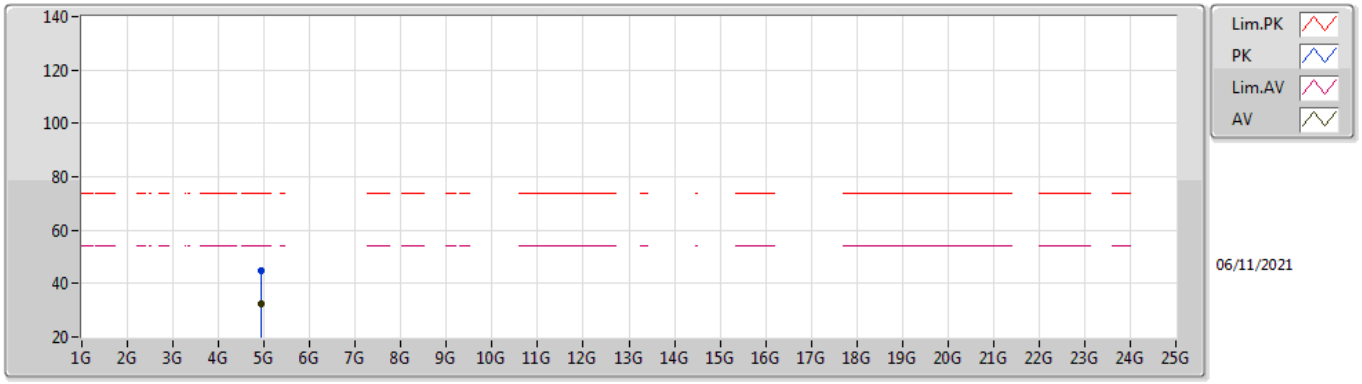


EUT X_2TX
Setting 25
01-A-E-2

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	2.4588G	111.12	Inf	-Inf	79.79	3	Horizontal	185	2.21	-	27.50	3.83	-	
AV	2.4616G	100.51	Inf	-Inf	69.18	3	Horizontal	185	2.21	-	27.50	3.83	-	
PK	2.4838G	71.57	74.00	-2.43	40.23	3	Horizontal	185	2.21	-	27.50	3.84	-	
AV	2.4838G	53.09	54.00	-0.91	21.75	3	Horizontal	185	2.21	-	27.50	3.84	-	

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

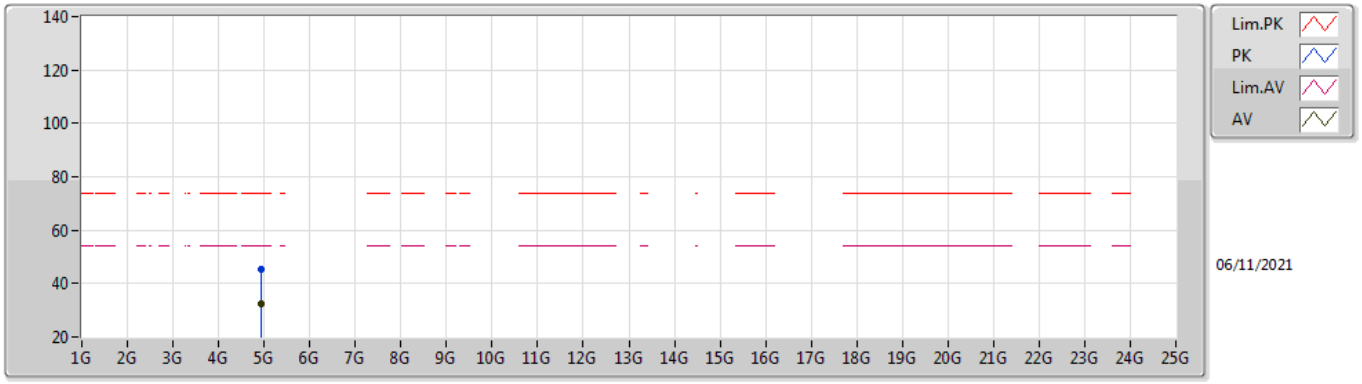


EUT Y_2TX
Setting 25
01-A-E-2

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	4.92229G	44.86	74.00	-29.14	40.14	3	Vertical	340	1.26	-	31.39	6.30	32.97
AV	4.92516G	32.27	54.00	-21.73	27.54	3	Vertical	340	1.26	-	31.40	6.30	32.97

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX



EUT Y_2TX
Setting 25
01-A-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	4.92292G	45.29	74.00	-28.71	40.57	3	Horizontal	3	1.08	-	31.39	6.30	32.97
AV	4.92287G	32.29	54.00	-21.71	27.57	3	Horizontal	3	1.08	-	31.39	6.30	32.97