FCC RADIO TEST REPORT

FCC ID	:	2AWNEKDE20105
Equipment	:	Home Entertainment Hub
Brand Name	:	E1 by Ericsson
Model Name	:	KDE20105
Applicant	:	Ericsson AB 21-23 Torshamnsgatan Stockholm, 16480 Sweden
Manufacturer	:	CyberTAN Technology Inc. No. 99, Park Avenue III Science-based Industrial Park Hsinchu Taiwan 308
Standard	:	47 CFR FCC Part 15.247

The product was received on Jan. 14, 2021, and testing was started from Jan. 14, 2021 and completed on Feb. 18, 2021. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Approved by: Sam Chen

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

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History of this test report

Report No.	Version	Description	Issued Date
FR031609-03AA	01	Initial issue of report	Feb. 26, 2021

Summary of Test Result

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

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

Reviewed by: Sam Chen
Report Producer: Vicky Huang

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
2400-2483.5	b, g, n (HT20), VHT20	2412-2462	1-11 [11]
2400-2483.5	n (HT40), VHT40	2422-2452	3-9 [7]

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	2TX
2.4-2.4835GHz	802.11g	20	2TX
2.4-2.4835GHz	802.11g-BF	20	2TX
2.4-2.4835GHz	802.11n HT20	20	2TX
2.4-2.4835GHz	802.11n HT20-BF	20	2TX
2.4-2.4835GHz	VHT20	20	2TX
2.4-2.4835GHz	VHT20-BF	20	2TX
2.4-2.4835GHz	802.11n HT40	40	2TX
2.4-2.4835GHz	802.11n HT40-BF	40	2TX
2.4-2.4835GHz	VHT40	40	2TX
2.4-2.4835GHz	VHT40-BF	40	2TX

Note:
- 11b mode uses a combination of DSSS-DBPSK, DQPSK, CCK modulation.
- 11g, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20, VHT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

For WLAN 2.4GHz / WLAN 5GHz / Bluetooth / Zigbee function:

Ant.	Port		Brand	Model Name	Type	Connector	Gain (dBi)		
	WLAN 2.4GHz	WLAN 5GHz B1,B2					WLAN 2.4GHz	WLAN 5GHz B1	WLAN 5GHz B2
1	1	1	Airgain	N2420DSRP	PCB	I-PEX	1.7	3.5	3.4
2	2	2	Airgain	N2420DSRL	PCB	I-PEX	2.0	3.6	3.7
Ant.	Port		Brand	Model Name	Type	Connector	Gain (dBi)		
	WLAN 5GHz B3,B4	Zigbee					WLAN 5GHz B3	WLAN 5GHz B4	Zigbee
3	1	1	Airgain	N2420DSRK	PCB	I-PEX	4.1	4.1	1.8
Ant.	Port		Brand	Model Name	Type	Connector	Gain (dBi)		
	WLAN 5GHz B3,B4	BT					WLAN 5GHz B3	WLAN 5GHz B4	BT
4	2	1	Airgain	N2420DSRK	PCB	I-PEX	4.7	3.9	1.5

Note1: B1 means band 1, B2 means band 2, B3 means band 3, B4 means band 4 and BT means Bluetooth.
Note2: The above information was declared by manufacturer.
Note3: For WLAN 2.4GHz function (2TX/2RX):
The WLAN 2.4GHz supports the b, g, n, VHT.
Port 1 and Port 2 could transmit/receive simultaneously.
Note4: For WLAN 5GHz Band 1, Band 2 function (2TX/2RX):
The WLAN 5GHz Band 1, Band 2 supports the a, n, ac.
Port 1 and Port 2 could transmit/receive simultaneously.
Note5: For WLAN 5GHz Band 3, Band 4 function (2TX/2RX):
The WLAN 5GHz Band 3, Band 4 supports the a, n, ac.
Port 1 and Port 2 could transmit/receive simultaneously.
Note6: For Zigbee function (1TX/1RX):
Only Port 1 can be used as transmitting/receiving.
Note7: For Bluetooth function (1TX/1RX):
Only Port 1 can be used as transmitting/receiving.

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	0.995	0.02	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g-BF	0.9	0.46	1.522m	1k
VHT20-BF	0.911	0.4	1.98m	1k
VHT40-BF	0.895	0.48	1.78m	1k

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

1.1.4 EUT Operational Condition

EUT Power Type	From power adapter			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for g/n/VHT in 2.4GHz and a/n/ac in 5GHz.			
Function	☒	Point-to-multipoint	☐	Point-to-point
Test Software Version	For Non-beamforming mode: QSPR(Version 5.0-00188) For beamforming mode: DOS [ver 6.1.7601]			

Note: The above information was declared by manufacturer.

1.1.5 Table for WWAN Module Information

The EUT was installed certified WWAN module, the WWAN module information and its correspond model name as below table:

WWAN Module	Brand Name	Model Name	FCC ID	Bands
1	Sierra	EM9190	N7NEM91	4G Band (LTE): 2,4,5,7,12,13,14,17,25,26,30,38,41,42,48,66,71 5G Band (NR): n2,n5,n41,n66,n71 5G Band (EN-DC): EN-DC_5A_n2A,EN-DC_12A_n2A,EN-DC_2A_n5A,EN-DC_7A_n5A,EN-DC_30A_n5A,EN-DC_66A_n5A,EN-DC_2A_n41A,EN-DC_66A_n41A,EN-DC_5A_n66A,EN-DC_12A_n66A,EN-DC_13A_n66A,EN-DC_2A_n71A,EN-DC_7A_n71A,EN-DC_66A_n71A
2	Sierra	EM9191	N7NEM91	

Note: The above information was declared by manufacturer.

1.1.6 Table for EUT Supports Functions

Function	Support Type
AP	Master
Mesh	Master

Note: After evaluating, the “AP Mode” have been selected to test and recorded in the test report.

1.2 Applicable Standards

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

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

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

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

1.3 Testing Location Information

Testing Location			
☐	HWA YA	ADD :	No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)
		TEL :	886-3-327-3456 FAX : 886-3-327-0973
☒	JHUBEI	ADD :	No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302, Taiwan (R.O.C.)
		TEL :	886-3-656-9065 FAX : 886-3-656-9085

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH01-CB	Serway Li	21.2-23.2 / 54-57	Jan. 27, 2021~ Feb. 04, 2021
Radiated (Co-Location)	03CH05-CB	Kevin Huang	22.6-23.6 / 54-57	Feb. 03, 2021
Radiated (Below 1GHz)	03CH03-CB	Kevin Huang	21.5-22.9 / 55-57	Feb. 06, 2021
Radiated (Above 1GHz)	03CH01-CB	Kevin Huang	20.4-21.4 / 55-57	Jan. 14, 2021~ Feb. 03, 2021
AC Conduction	CO01-CB	Ryo Fan	18~19 / 61~62	Jan. 21, 2021~ Feb. 18, 2021

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

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	2.0 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	3.8 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.6 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	5.0 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.9 dB	Confidence levels of 95%
Conducted Emission	2.8 dB	Confidence levels of 95%
Output Power Measurement	1.4 dB	Confidence levels of 95%
Power Density Measurement	2.8 dB	Confidence levels of 95%
Bandwidth Measurement	0.4%	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	25.5
2437MHz	25.5
2462MHz	25.5
802.11g-BF_Nss1,(6Mbps)_2TX	-
2412MHz	22
2417MHz	24.5
2437MHz	25.5
2457MHz	24.5
2462MHz	21
VHT20-BF_Nss1,(MCS0)_2TX	-
2412MHz	21.5
2417MHz	24.5
2437MHz	25.5
2457MHz	24.5
2462MHz	20.5
VHT40-BF_Nss1,(MCS0)_2TX	-
2422MHz	20.5
2437MHz	21
2452MHz	21

Note:
- VHT20/VHT40 covers HT20/HT40, due to same modulation. The power setting for 802.11n HT20 and HT40 are the same or lower than VHT20 and VHT40.
- There are two modes of EUT, one is beamforming mode, and the other is non-beamforming mode for g/n/VHT in 2.4GHz and a/n/ac in 5GHz, after evaluating, beamforming mode has been evaluated to be the worst case, so it was selected to test and record in this test report.

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral
Operating Mode	Normal Link
1	Normal link-EUT with WWAN module 1-LTE link Band 2 + Adapter with US cable
2	Normal link-EUT with WWAN module 1-5G EN-DC_2A_n41A + Adapter with US cable
Mode 1 has been evaluated to be the worst case between Mode 1~2, thus measurement for Mode 3 will follow this same test mode.	
3	Normal link-EUT with WWAN module 2-LTE link Band 2 + Adapter with US cable
For operating mode 1 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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emissions in Restricted Frequency Bands
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	CTX
1	WLAN 2.4GHz + Adapter with US cable
2	WLAN 5GHz Band 1, 2 + Adapter with US cable
3	WLAN 5GHz Band 3, 4 + Adapter with US cable
4	Bluetooth + Adapter with US cable
5	Zigbee + Adapter with US cable
For operating mode 3 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Normal Link
The Operating Mode of Radiated Emission Co-location as below: 1. WLAN 2.4GHz + WLAN 5GHz Band 1, 2 2. WLAN 5GHz Band 3, 4 + Bluetooth + Zigbee After evaluating, the full function generated the worst case, thus the measurement will follow this same test configuration.	
1	WLAN 2.4GHz + WLAN 5GHz Band 1, 2 + WLAN 5GHz Band 3, 4 + Bluetooth + Zigbee
Refer to Appendix G for Radiated Emission Co-location.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz + WLAN 5GHz Band 1, 2 + WLAN 5GHz Band 3, 4 + Bluetooth + Zigbee + 4G LTE
2	WLAN 2.4GHz + WLAN 5GHz Band 1, 2 + WLAN 5GHz Band 3, 4 + Bluetooth + Zigbee + 5G NR
Refer to Sporton Test Report No.: FA031609-03 for Co-location RF Exposure Evaluation.	

Note: The EUT can only be used Z axis.

2.3 EUT Operation during Test

For CTX Mode:
non-beamforming mode:
The EUT was programmed to be in continuously transmitting mode.

beamforming mode:

For Conducted Mode:
The EUT was programmed to be in continuously transmitting mode.
For Radiated Mode:
During the test, the following programs under WIN 10 were executed.
The program was executed as follows:
1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under DOS.
3. Executed "Lantest.exe" to link with the remote workstation to transmit and receive packet by Wireless AP and transmit duty cycle no less than 98%.

For Normal Link:
During the test, the EUT operation to normal function.

2.4 Accessories

Accessories				
Equipment Name	**Brand Name**	**Model Name**	**Rating**	**DC Power cable length**
Adapter	FSP	FSP100-A1AR3	INPUT: 100-240V~50-60Hz, 1.4A OUTPUT: 5V, 3A / 9V, 3A 12V, 3A / 15V, 3A 20V, 5.0A 100W MAX.	Non-Shielded 1.6m
Others				
HDMI cable*1: Shielded, 1.5m				
USB-C to USB-A cable*1: Shielded, 0.1m				
Power cable*1: Non-shielded, 1m				

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	TV	ASUS	VP28U	N/A
B	Micro SD Card	Transcend	TS16GUSDHC10	N/A
C	SIM Card	N/A	N/A	N/A
D	LAN NB	DELL	E6430	N/A
E	WAN NB	DELL	E6430	N/A
F	2.4G NB	DELL	E6430	N/A
G	5G-1 NB	DELL	E6430	N/A
H	5G-2 NB	DELL	E6430	N/A
I	Bluetooth Speaker	MARUS	MSK06C-RD	N/A
J	Zigbee Device	N/A	N/A	N/A
K	LTE+5G NR Base station	Anritsu	MT8821C	N/A
L	Air Mouse	HENGCHUANGYU	HCY-57B	2AOBUHCY-57B

For Radiated (below 1GHz):

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

For Radiated (above 1GHz):
For non-beamforming mode:

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

For beamforming mode:

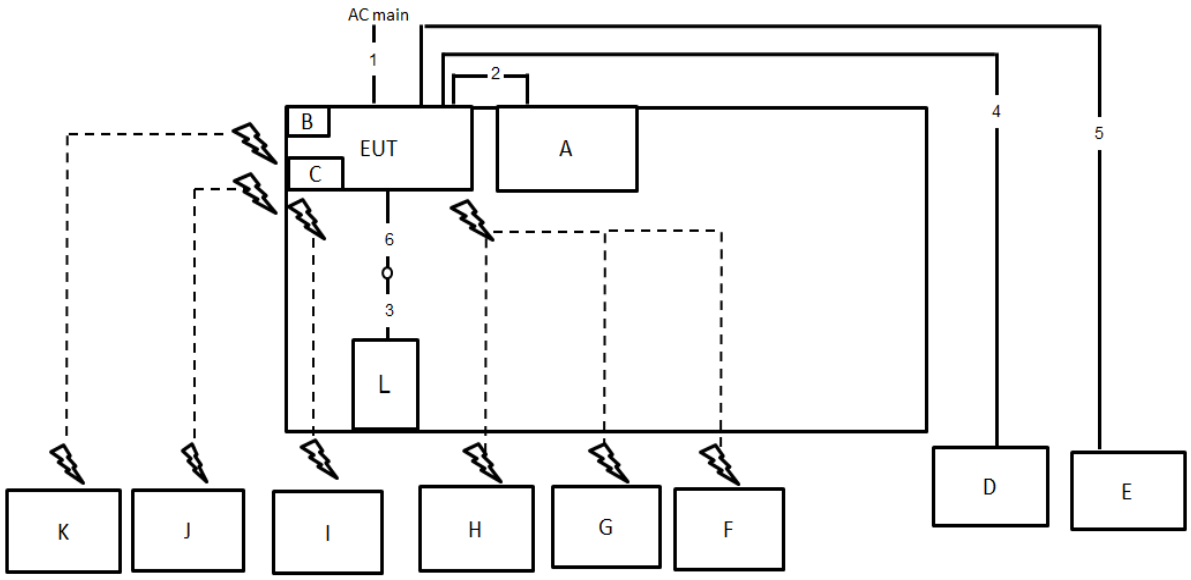
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
F	Client	LINKSYS	EA8300	N/A
G	NB	DELL	E4300	N/A
H	NB	DELL	E4300	N/A

For RF Conducted:

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

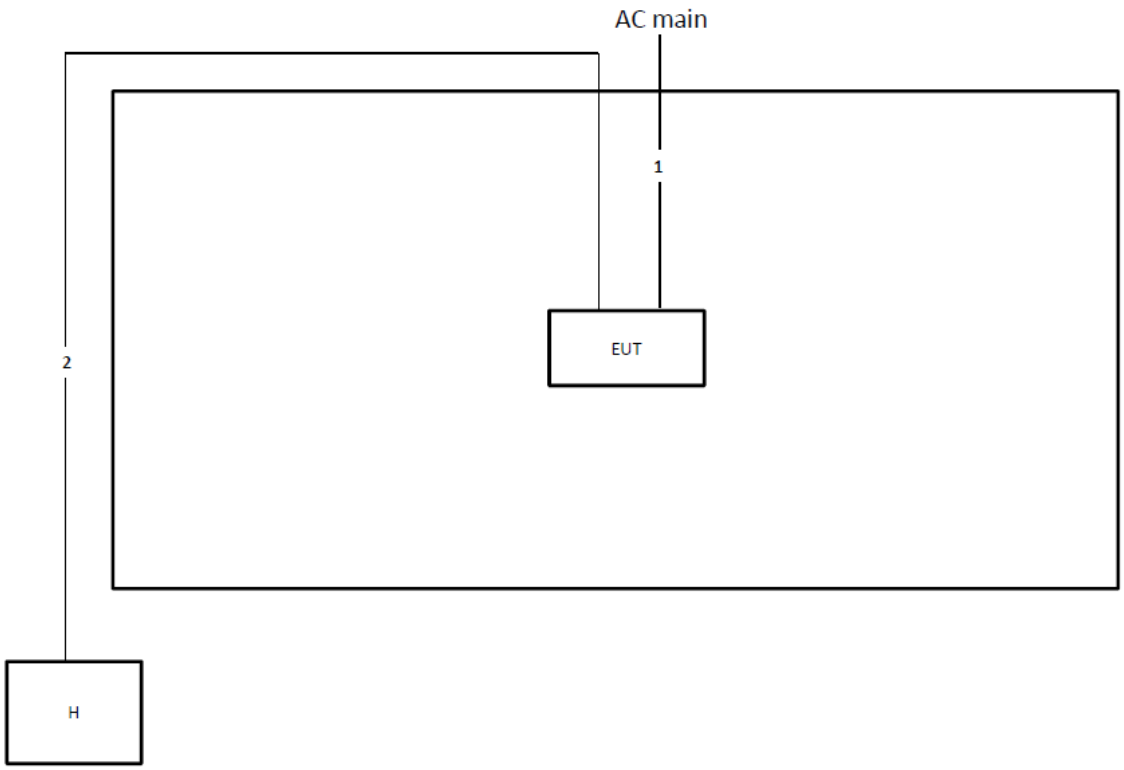
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length
1	Power cable	No	2.6m
2	HDMI cable	Yes	1.5m
3	USB Cable	Yes	0.9m
4	RJ-45 cable	No	10m
5	RJ-45 cable	No	10m
6	USB-C to USB-A cable	Yes	0.1m

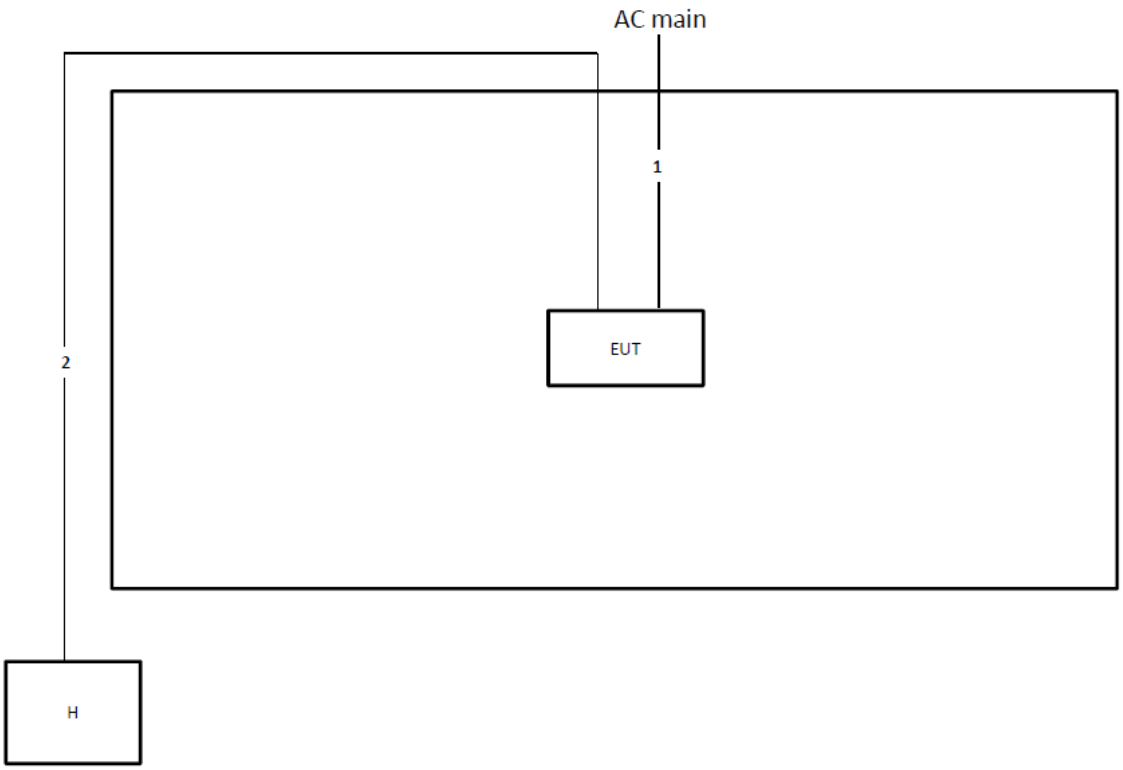
Test Setup Diagram - Radiated Test < 1GHz



Item	Connection	Shielded	Length
1	Power cable	No	2.6m
2	RJ-45 cable	No	10m

For non-beamforming mode:

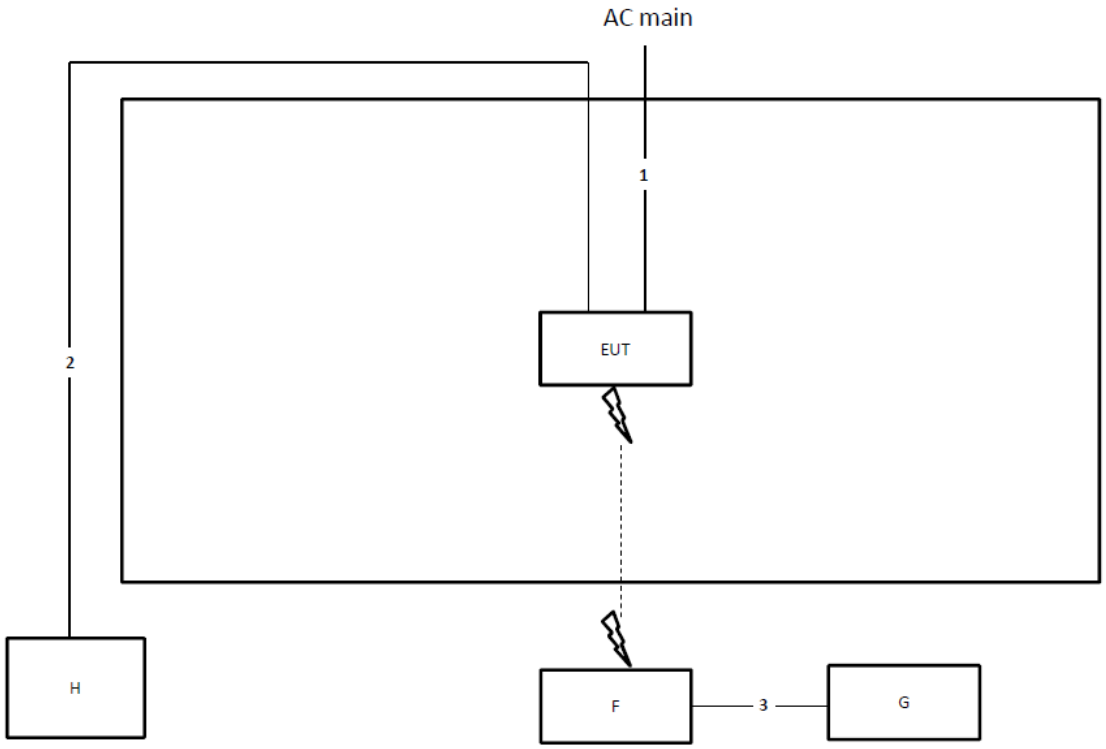
Test Setup Diagram - Radiated Test > 1GHz



Item	Connection	Shielded	Length
1	Power cable	No	2.6m
2	RJ-45 cable	No	10m

For beamforming mode:

Test Setup Diagram - Radiated Test > 1GHz



Item	Connection	Shielded	Length
1	Power cable	No	2.6m
2	RJ-45 cable	No	10m
3	RJ-45 cable	No	1.5m

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

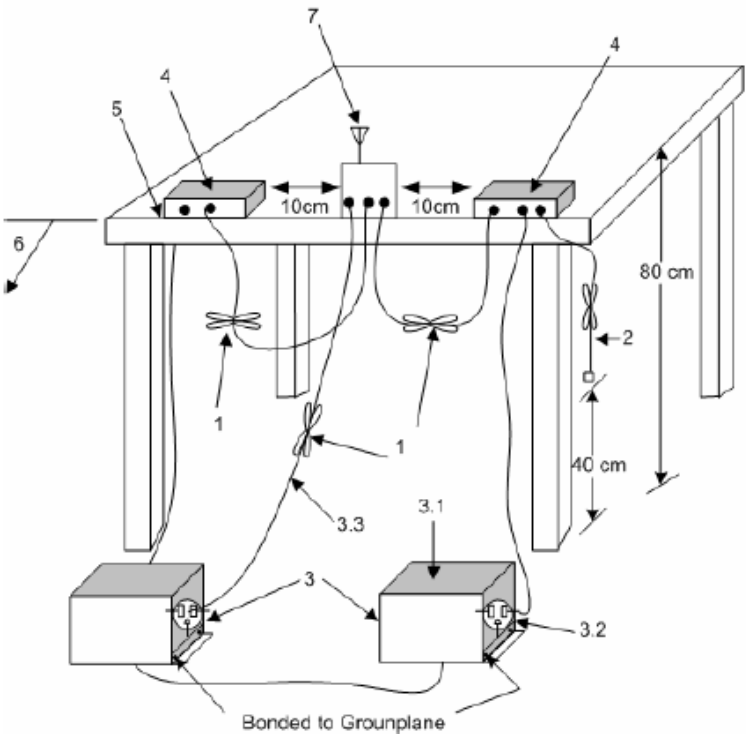
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



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

3.1.5 Measurement Results Calculation

The measured Level is calculated using:

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

b. Margin = -Limit + Level

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

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

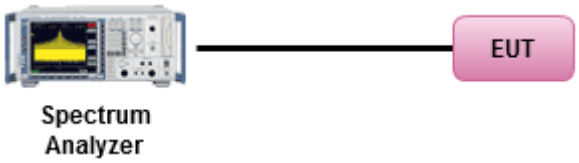
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup

Maximum Conducted Output Power (Power Meter)


3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

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

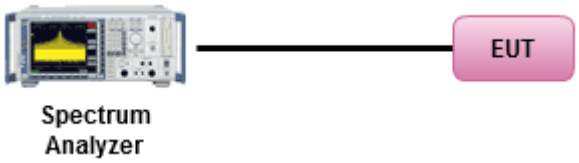
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup

Power Spectral Density


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.	

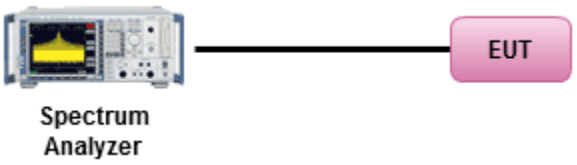
3.5.2 Measuring Instruments

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.

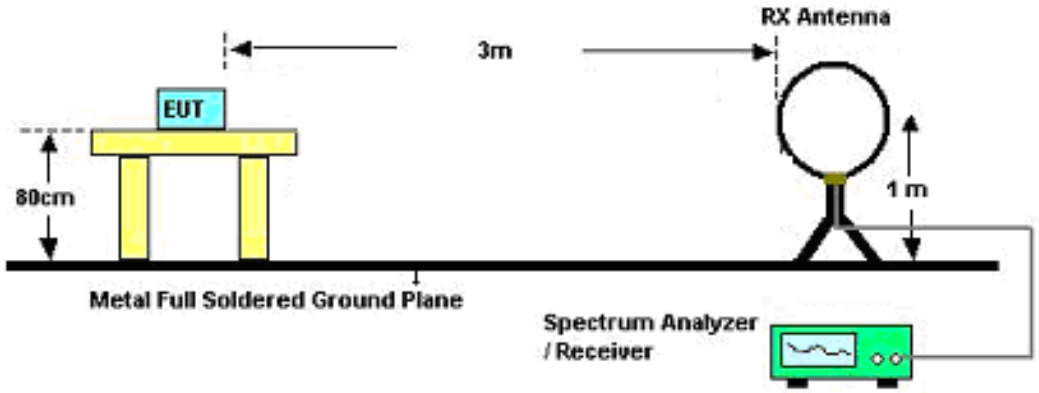
3.6.3 Test Procedures

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.		

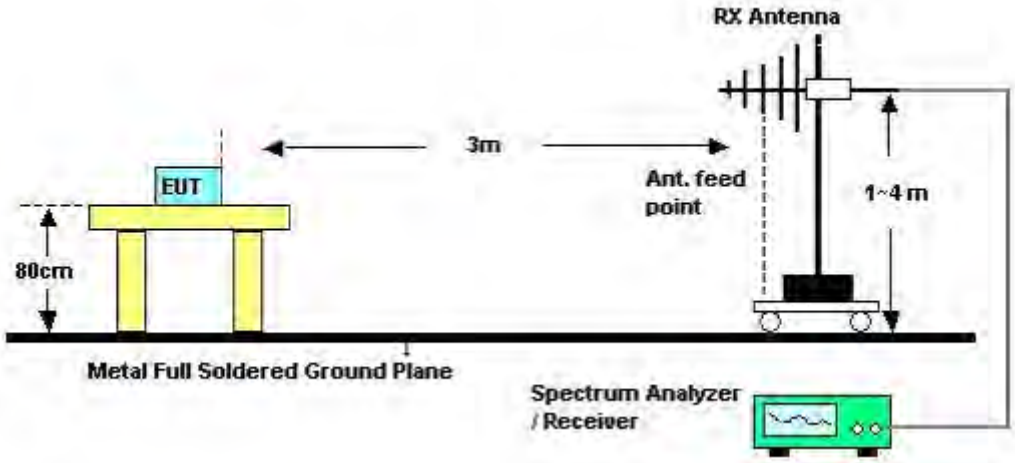
3.6.4 Test Setup

Radiated - Emissions in Restricted Frequency Bands

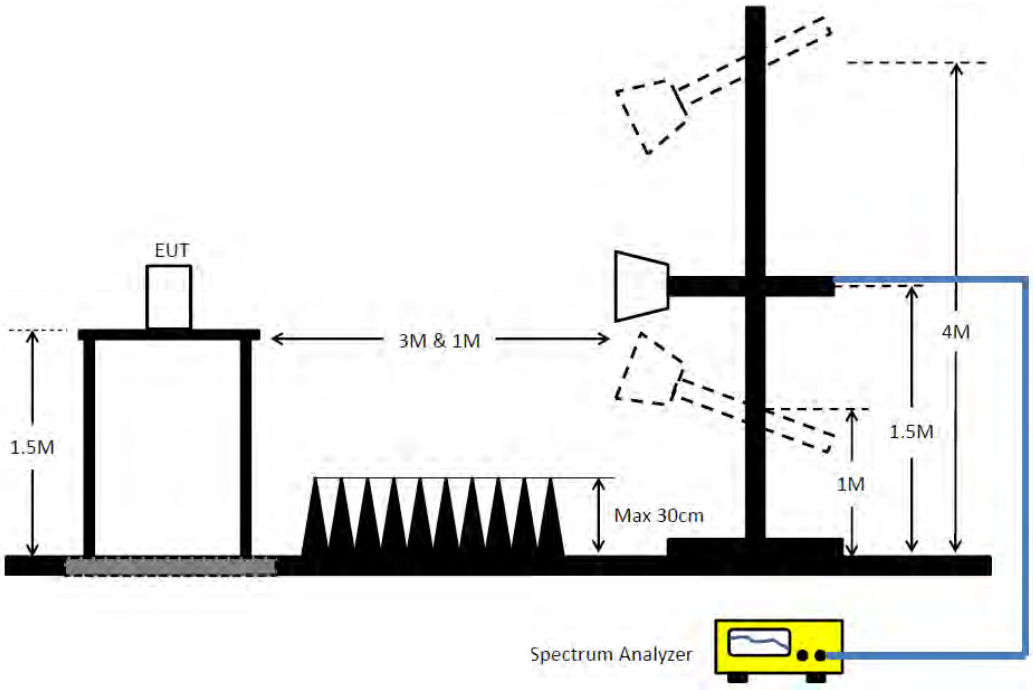
9kHz ~30MHz



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	Feb. 26, 2020	Feb. 25, 2021	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	Feb. 25, 2020	Feb. 24, 2021	Conduction (CO01-CB)
Pulse Limiter	Rohde& Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Jan. 31, 2020	Jan. 30, 2021	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 20, 2020	May 19, 2021	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH03-CB	30 MHz ~ 1 GHz	Jan. 27, 2021	Jan. 26, 2022	Radiation (03CH03-CB)
Bilog Antenna with 6 dB attenuator	Schaffner & EMCI	CBL6112B & N-6-06	2928 & AT-N0608	20MHz ~ 2GHz	Feb. 28, 2020	Feb. 27, 2021	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8447D	2944A10259	9kHz ~ 1.3GHz	Jan. 11, 2021	Jan. 10, 2022	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 09, 2020	Jun. 08, 2021	Radiation (03CH03-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	May 13, 2020	May 12, 2021	Radiation (03CH03-CB)
RF Cable-low	Woken	RG402	Low Cable-02+29	30MHz ~ 1GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH03-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Apr. 13, 2020	Apr. 12, 2021	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH03-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Nov. 08, 2020	Nov. 07, 2021	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120 D-1291	1GHz~18GHz	Sep. 05, 2020	Sep. 04, 2021	Radiation (03CH05-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 21, 2020	Jul. 20, 2021	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz – 26.5GHz	Jul. 03, 2020	Jul. 02, 2021	Radiation (03CH05-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 08, 2020	Jul. 07, 2021	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Nov. 10, 2020	Nov. 09, 2021	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 29, 2020	May 28, 2021	Radiation (03CH01-CB)
Horn Antenna	ETS-LINDGREN	3115	00075790	750MHz ~ 18GHz	Nov. 06, 2020	Nov. 05, 2021	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 21, 2020	Jul. 20, 2021	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02310	1GHz ~ 26.5GHz	Jan. 07, 2021	Jan. 06, 2022	Radiation (03CH01-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 08, 2020	Jul. 07, 2021	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	Apr. 16, 2020	Apr. 15, 2021	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH01-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH01-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 05, 2020	May 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz –26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz –26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz –26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-30	1 GHz –26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
Power Sensor	Agilent	E9327A	US40442088	50MHz~18GHz	Feb. 07, 2020	Feb. 06, 2021	Conducted (TH01-CB)
Power Meter	Agilent	E4416A	GB41291199	50MHz~18GHz	Feb. 07, 2020	Feb. 06, 2021	Conducted (TH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH01-CB)

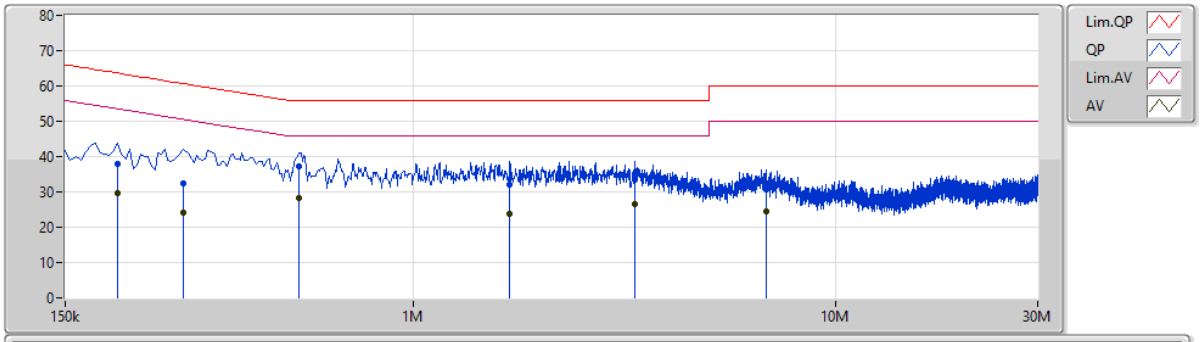
Note: Calibration Interval of instruments listed above is one year.
NCR means Non-Calibration required.

Summary

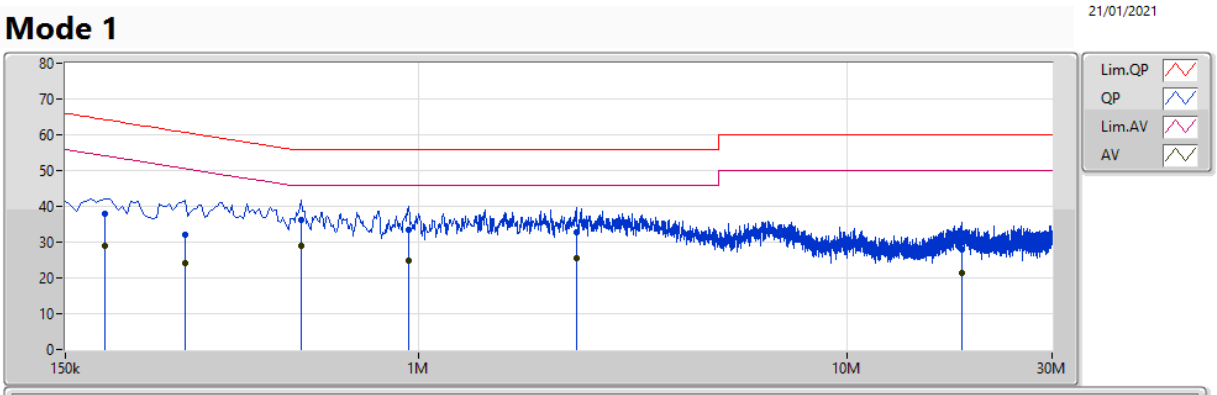
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	532.5k	28.85	46.00	-17.15	Neutral

Mode 1

21/01/2021



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	199.5k	37.89	63.63	-25.74	9.89	Line	-	28.00	0.04	0.03	9.82
AV	199.5k	29.67	53.63	-23.96	9.89	Line	-	19.78	0.04	0.03	9.82
QP	285k	32.47	60.67	-28.20	9.90	Line	-	22.57	0.04	0.03	9.83
AV	285k	24.10	50.67	-26.57	9.90	Line	-	14.20	0.04	0.03	9.83
QP	537k	37.29	56.00	-18.71	9.90	Line	-	27.39	0.04	0.03	9.83
AV	537k	28.26	46.00	-17.74	9.90	Line	"Worst"	18.36	0.04	0.03	9.83
QP	1.689M	32.08	56.00	-23.92	9.97	Line	-	22.11	0.06	0.06	9.85
AV	1.689M	23.72	46.00	-22.28	9.97	Line	-	13.75	0.06	0.06	9.85
QP	3.336M	33.32	56.00	-22.68	10.04	Line	-	23.28	0.08	0.11	9.85
AV	3.336M	26.70	46.00	-19.30	10.04	Line	-	16.66	0.08	0.11	9.85
QP	6.842M	30.75	60.00	-29.25	10.16	Line	-	20.59	0.14	0.14	9.88
AV	6.842M	24.39	50.00	-25.61	10.16	Line	-	14.23	0.14	0.14	9.88



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	186k	37.94	64.20	-26.26	9.89	Neutral	-	28.05	0.04	0.03	9.82
AV	186k	29.03	54.20	-25.17	9.89	Neutral	-	19.14	0.04	0.03	9.82
QP	285k	32.23	60.67	-28.44	9.90	Neutral	-	22.33	0.04	0.03	9.83
AV	285k	23.98	50.67	-26.69	9.90	Neutral	-	14.08	0.04	0.03	9.83
QP	532.5k	36.09	56.00	-19.91	9.91	Neutral	-	26.18	0.05	0.03	9.83
AV	532.5k	28.85	46.00	-17.15	9.91	Neutral	"Worst"	18.94	0.05	0.03	9.83
QP	946.5k	33.47	56.00	-22.53	9.93	Neutral	-	23.54	0.06	0.04	9.83
AV	946.5k	24.97	46.00	-21.03	9.93	Neutral	-	15.04	0.06	0.04	9.83
QP	2.328M	32.85	56.00	-23.15	10.01	Neutral	-	22.84	0.07	0.08	9.86
AV	2.328M	25.39	46.00	-20.61	10.01	Neutral	-	15.38	0.07	0.08	9.86
QP	18.434M	27.94	60.00	-32.06	10.48	Neutral	-	17.46	0.21	0.30	9.97
AV	18.434M	21.28	50.00	-28.72	10.48	Neutral	-	10.80	0.21	0.30	9.97

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	9.6M	15.417M	15M4G1D	8.55M	13.843M
802.11g-BF_Nss1,(6Mbps)_2TX	15.925M	18.341M	18M3D1D	15.05M	16.367M
VHT20-BF_Nss1,(MCS0)_2TX	16.85M	19.465M	19M5D1D	12.525M	17.566M
VHT40-BF_Nss1,(MCS0)_2TX	33.9M	36.732M	36M7D1D	19.3M	35.732M

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

Result

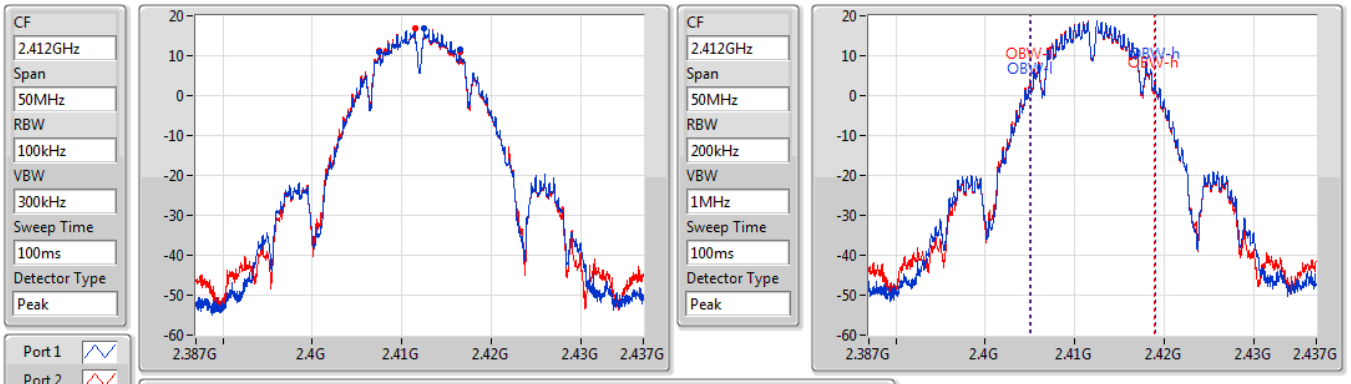
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	9.025M	13.843M	9.05M	13.893M
2437MHz	Pass	500k	9.075M	13.943M	9.075M	14.018M
2462MHz	Pass	500k	8.55M	14.218M	9.6M	15.417M
802.11g-BF_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	15.1M	16.392M	15.1M	16.367M
2437MHz	Pass	500k	15.05M	18.341M	15.625M	17.191M
2462MHz	Pass	500k	15.35M	16.367M	15.925M	16.417M
VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	15.775M	17.566M	15.025M	17.566M
2437MHz	Pass	500k	16.85M	19.465M	15.9M	18.091M
2462MHz	Pass	500k	12.525M	17.666M	16.7M	17.616M
VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	30.3M	36.082M	19.3M	35.732M
2437MHz	Pass	500k	33.75M	36.232M	25.55M	36.732M
2452MHz	Pass	500k	33.9M	35.782M	30M	36.432M

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

802.11b_Nss1,(1Mbps)_2TX EBW

2412MHz

27/01/2021

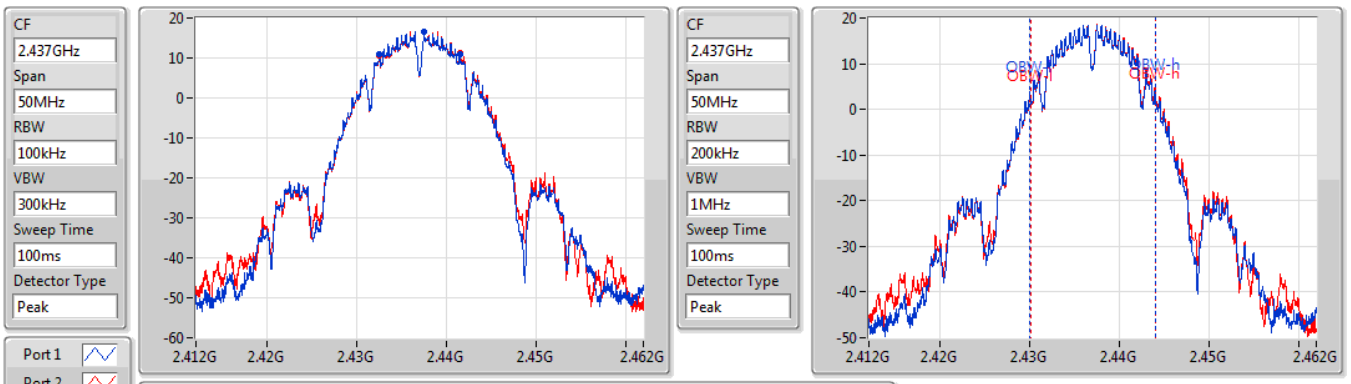


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.025M	2.407475G	2.4165G	13.843M	2.405128G	2.418972G	500k	1
9.05M	2.40745G	2.4165G	13.893M	2.405003G	2.418897G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2437MHz

27/01/2021

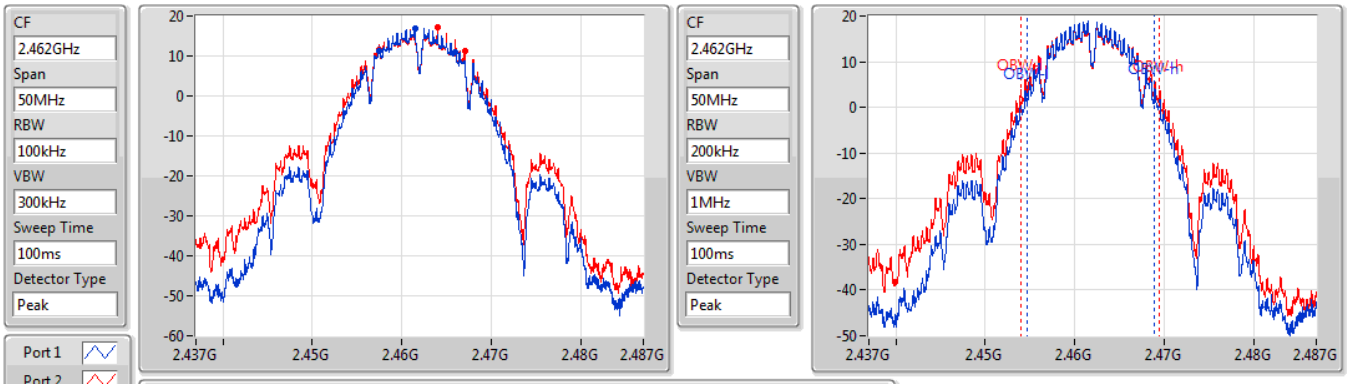


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.075M	2.43245G	2.441525G	13.943M	2.430028G	2.443972G	500k	1
9.075M	2.43245G	2.441525G	14.018M	2.430078G	2.444096G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2462MHz

27/01/2021

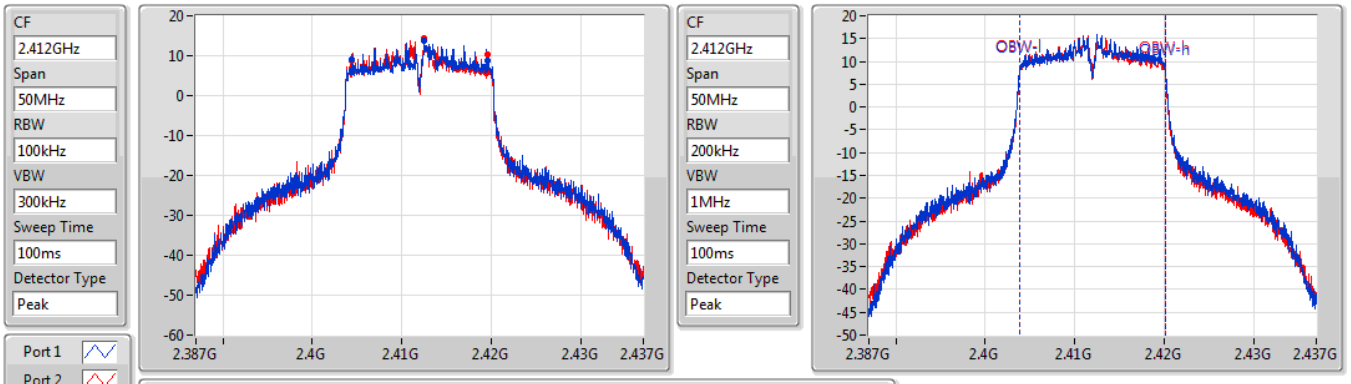


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.55M	2.457425G	2.465975G	14.218M	2.454704G	2.468922G	500k	1
9.6M	2.457425G	2.467025G	15.417M	2.454029G	2.469446G	500k	2

802.11g-BF_Nss1,(6Mbps)_2TX EBW

2412MHz

27/01/2021

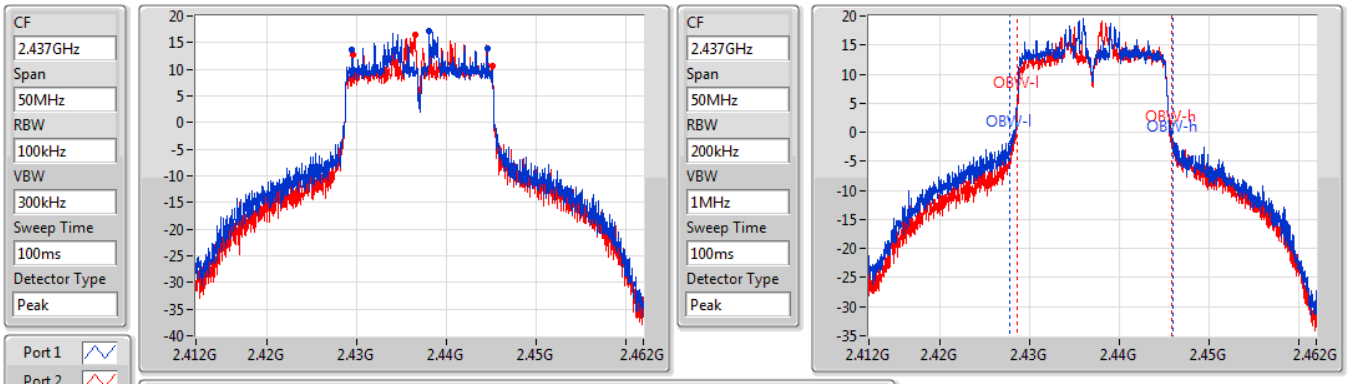


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.1M	2.40445G	2.41955G	16.392M	2.403804G	2.420196G	500k	1
15.1M	2.404425G	2.419525G	16.367M	2.403804G	2.420171G	500k	2

802.11g-BF_Nss1,(6Mbps)_2TX EBW

2437MHz

27/01/2021

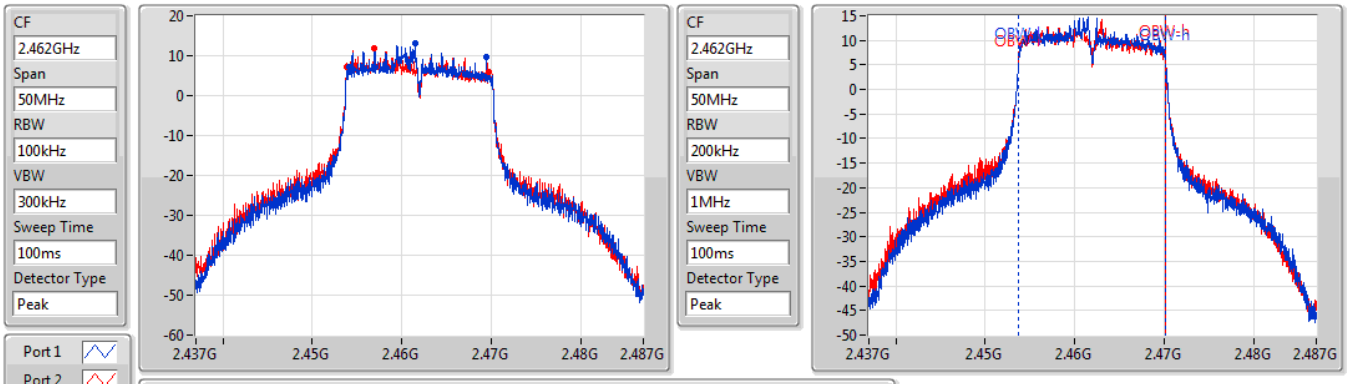


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.05M	2.429475G	2.444525G	18.341M	2.42768G	2.44602G	500k	1
15.625M	2.4295G	2.445125G	17.191M	2.428604G	2.445796G	500k	2

802.11g-BF_Nss1,(6Mbps)_2TX EBW

2462MHz

27/01/2021

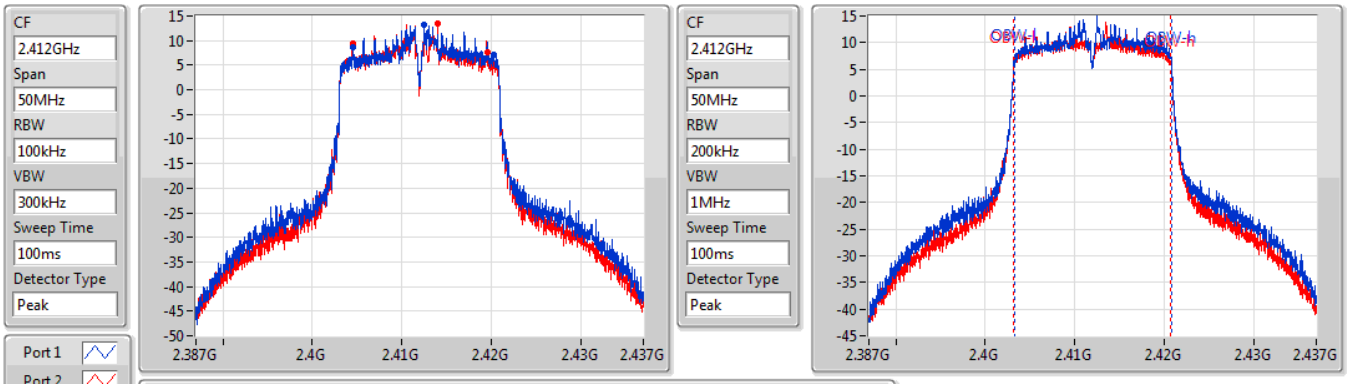


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.35M	2.454125G	2.469475G	16.367M	2.453779G	2.470146G	500k	1
15.925M	2.453825G	2.46975G	16.417M	2.453729G	2.470146G	500k	2

VHT20-BF_Nss1,(MCS0)_2TX EBW

2412MHz

27/01/2021

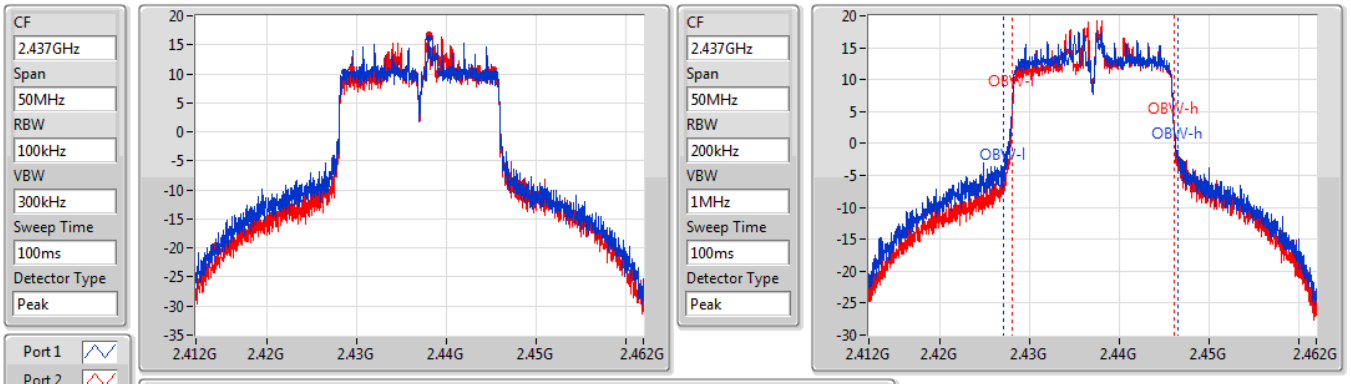


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.775M	2.404525G	2.4203G	17.566M	2.403229G	2.420796G	500k	1
15.025M	2.4045G	2.419525G	17.566M	2.403204G	2.420771G	500k	2

VHT20-BF_Nss1,(MCS0)_2TX EBW

2437MHz

27/01/2021

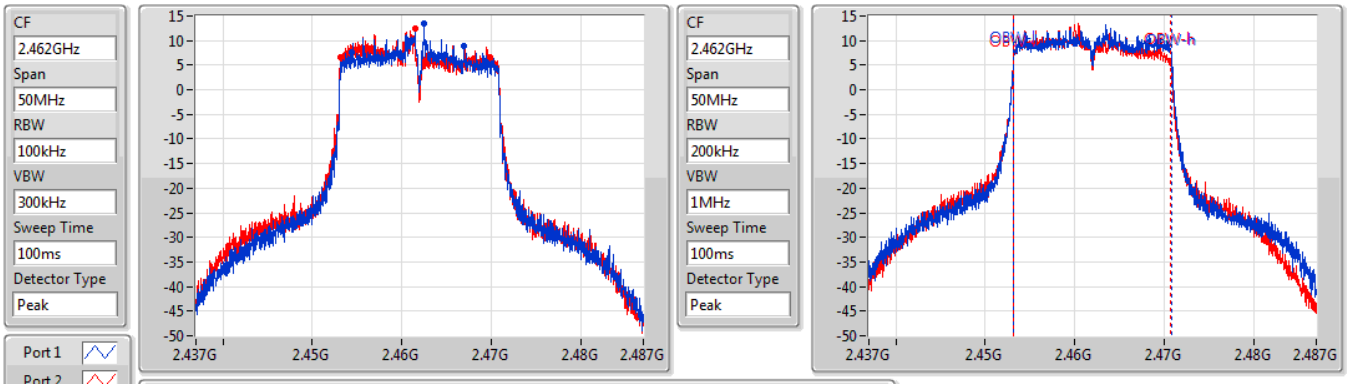


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.85M	2.428625G	2.445475G	19.465M	2.427105G	2.44657G	500k	1
15.9M	2.429425G	2.445325G	18.091M	2.428054G	2.446145G	500k	2

VHT20-BF_Nss1,(MCS0)_2TX EBW

2462MHz

27/01/2021

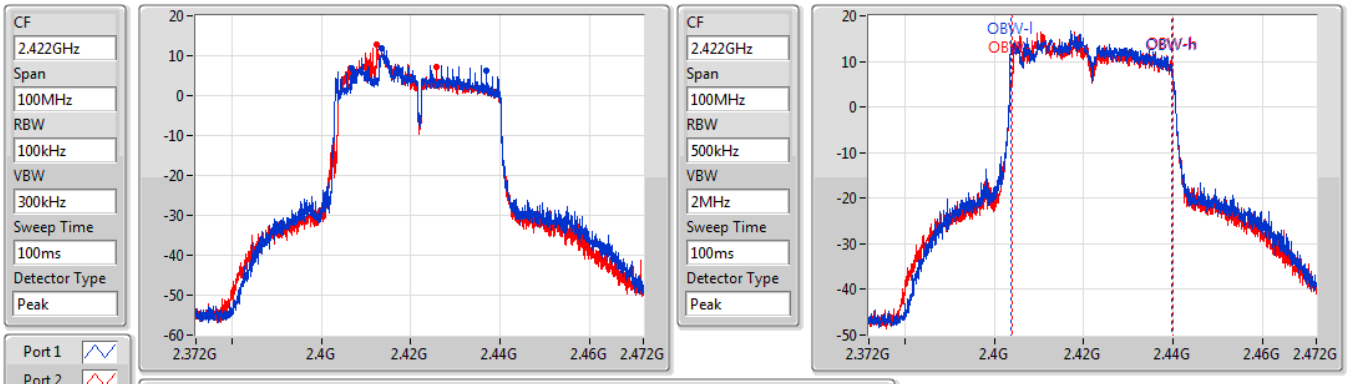


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
12.525M	2.454425G	2.46695G	17.666M	2.453154G	2.470821G	500k	1
16.7M	2.453225G	2.469925G	17.616M	2.453129G	2.470746G	500k	2

VHT40-BF_Nss1,(MCS0)_2TX EBW

2422MHz

27/01/2021

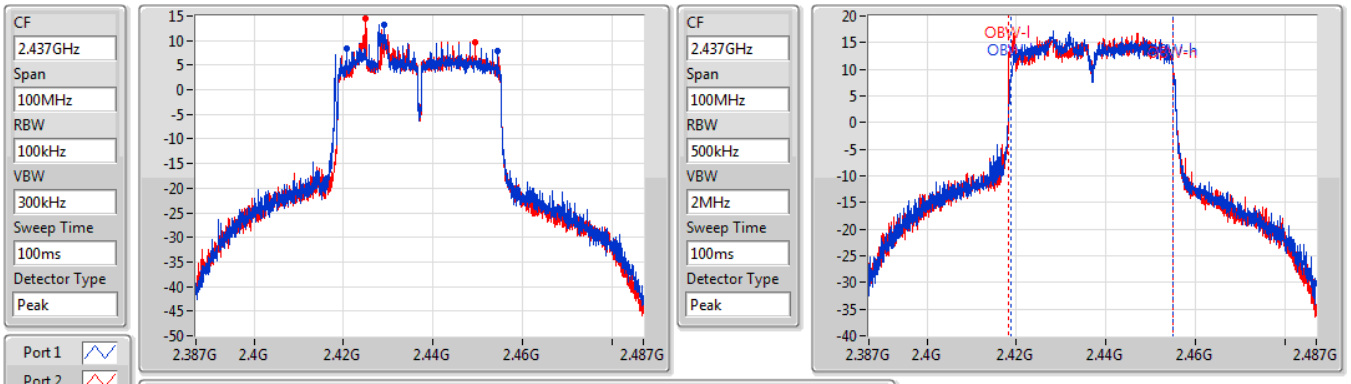


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
30.3M	2.4067G	2.437G	36.082M	2.403709G	2.439791G	500k	1
19.3M	2.40645G	2.42575G	35.732M	2.404109G	2.439841G	500k	2

VHT40-BF_Nss1,(MCS0)_2TX EBW

2437MHz

27/01/2021

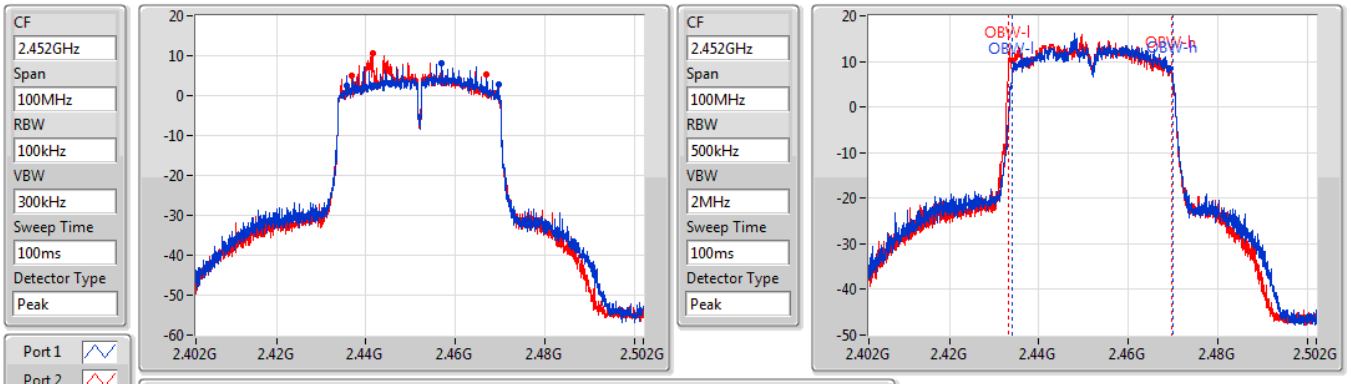


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
33.75M	2.4207G	2.45445G	36.232M	2.418809G	2.455041G	500k	1
25.55M	2.42395G	2.4495G	36.732M	2.418309G	2.455041G	500k	2

VHT40-BF_Nss1,(MCS0)_2TX EBW

2452MHz

27/01/2021



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
33.9M	2.43565G	2.46955G	35.782M	2.434059G	2.469841G	500k	1
30M	2.43695G	2.46695G	36.432M	2.433259G	2.469691G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	29.66	0.92470
802.11g-BF_Nss1,(6Mbps)_2TX	28.61	0.72611
VHT20-BF_Nss1,(MCS0)_2TX	28.88	0.77268
VHT40-BF_Nss1,(MCS0)_2TX	26.78	0.47643

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.00	26.67	26.55	29.62	30.00
2437MHz	Pass	2.00	26.60	26.70	29.66	30.00
2462MHz	Pass	2.00	26.71	26.54	29.64	30.00
802.11g-BF_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.86	23.38	23.27	26.34	30.00
2417MHz	Pass	4.86	25.41	25.20	28.32	30.00
2437MHz	Pass	4.86	25.72	25.27	28.51	30.00
2457MHz	Pass	4.86	25.85	25.33	28.61	30.00
2462MHz	Pass	4.86	22.22	21.83	25.04	30.00
VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.86	22.59	22.23	25.42	30.00
2417MHz	Pass	4.86	25.58	24.77	28.20	30.00
2437MHz	Pass	4.86	25.72	25.13	28.45	30.00
2457MHz	Pass	4.86	25.98	25.75	28.88	30.00
2462MHz	Pass	4.86	21.79	21.64	24.73	30.00
VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	4.86	22.10	21.86	24.99	30.00
2437MHz	Pass	4.86	23.85	23.68	26.78	30.00
2452MHz	Pass	4.86	21.53	21.54	24.55	30.00

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

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	1.27
802.11g-BF_Nss1,(6Mbps)_2TX	3.69
VHT20-BF_Nss1,(MCS0)_2TX	1.32
VHT40-BF_Nss1,(MCS0)_2TX	-1.83

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

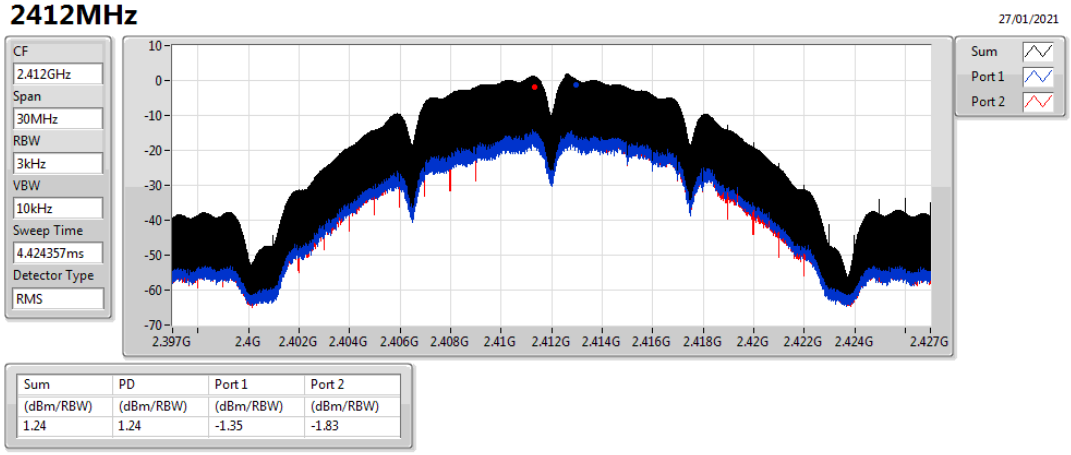
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.86	-1.35	-1.83	1.24	8.00
2437MHz	Pass	4.86	-1.73	-1.25	1.27	8.00
2462MHz	Pass	4.86	-1.72	-2.23	1.04	8.00
802.11g-BF_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.86	-0.17	-2.20	0.68	8.00
2437MHz	Pass	4.86	3.35	-1.01	3.69	8.00
2462MHz	Pass	4.86	-3.81	-3.55	-1.29	8.00
VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.86	-3.00	-3.01	-1.35	8.00
2437MHz	Pass	4.86	-0.50	-0.12	1.32	8.00
2462MHz	Pass	4.86	-2.82	-2.55	-1.30	8.00
VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	4.86	-2.50	-3.01	-2.19	8.00
2437MHz	Pass	4.86	-2.27	-4.65	-1.83	8.00
2452MHz	Pass	4.86	-6.05	-6.07	-4.90	8.00

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

802.11b_Nss1,(1Mbps)_2TX PSD

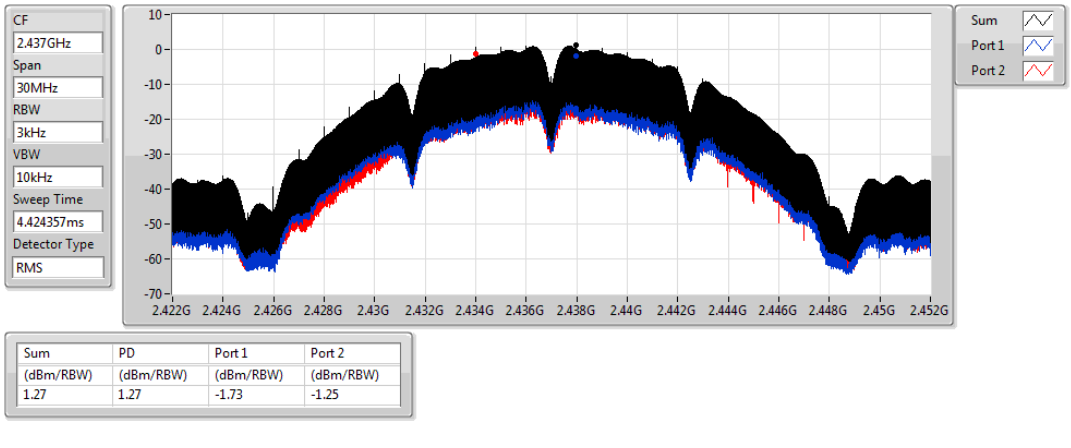
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.24	1.24	-1.35	-1.83

802.11b_Nss1,(1Mbps)_2TX PSD

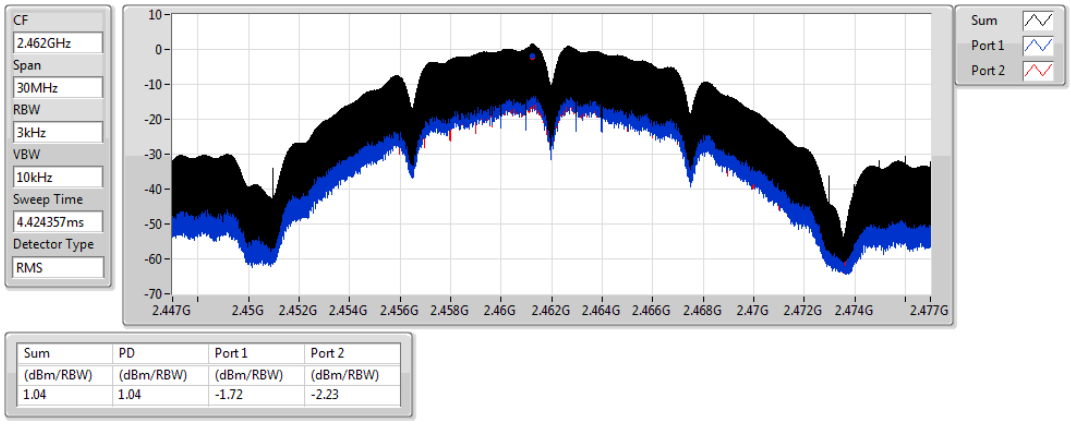
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.27	1.27	-1.73	-1.25

802.11b_Nss1,(1Mbps)_2TX PSD

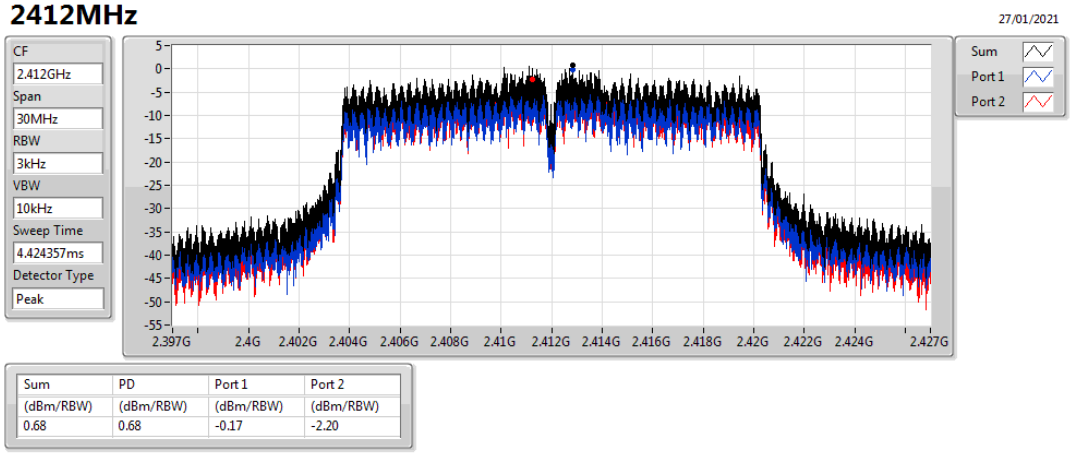
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.04	1.04	-1.72	-2.23

802.11g-BF_Nss1,(6Mbps)_2TX PSD

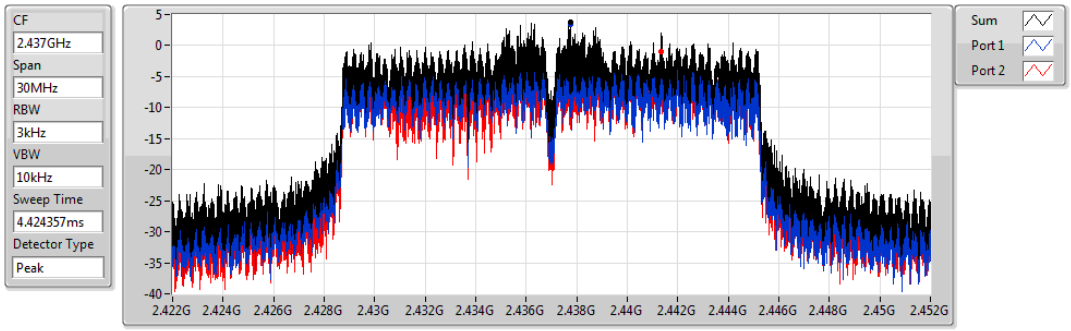
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.68	0.68	-0.17	-2.20

802.11g-BF_Nss1,(6Mbps)_2TX PSD

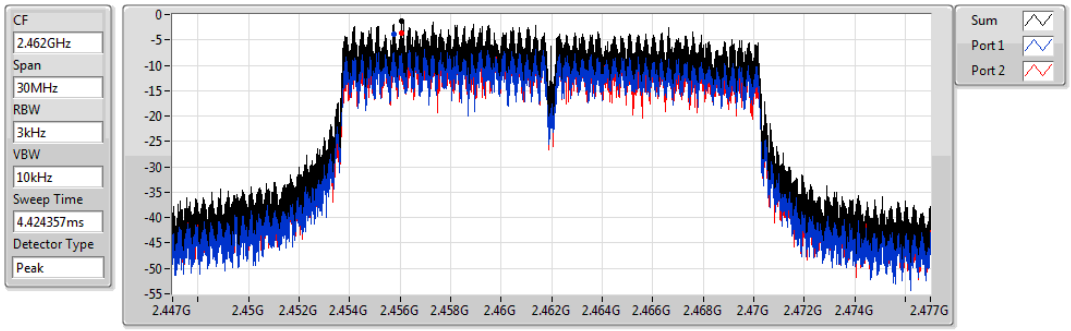
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.69	3.69	3.35	-1.01

802.11g-BF_Nss1,(6Mbps)_2TX PSD

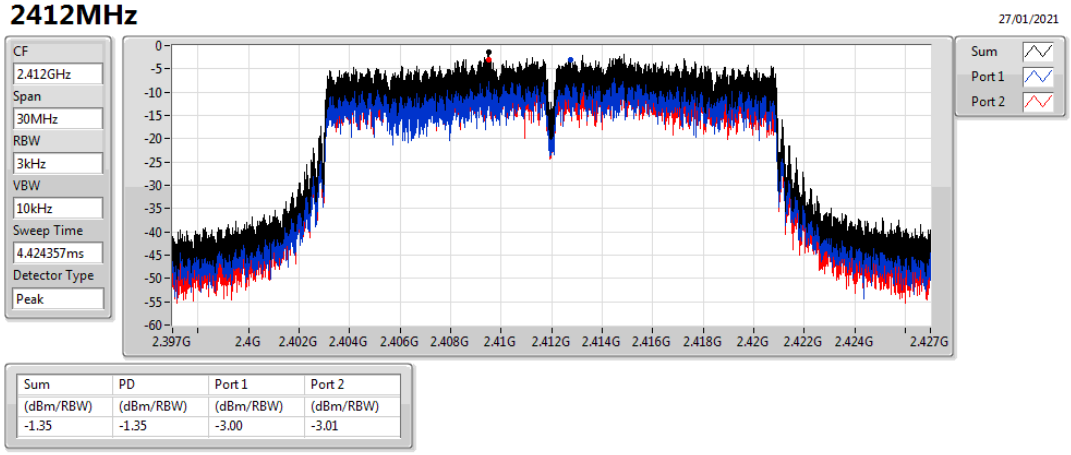
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.29	-1.29	-3.81	-3.55

VHT20-BF_Nss1,(MCS0)_2TX PSD

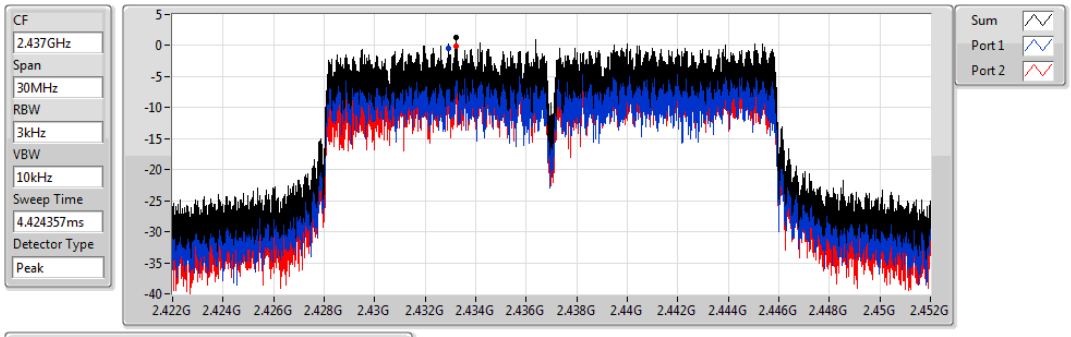
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.35	-1.35	-3.00	-3.01

VHT20-BF_Nss1,(MCS0)_2TX PSD

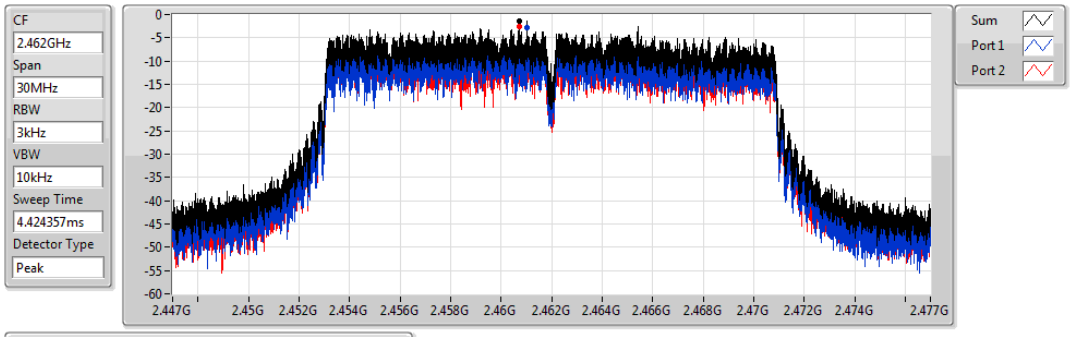
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.32	1.32	-0.50	-0.12

VHT20-BF_Nss1,(MCS0)_2TX PSD

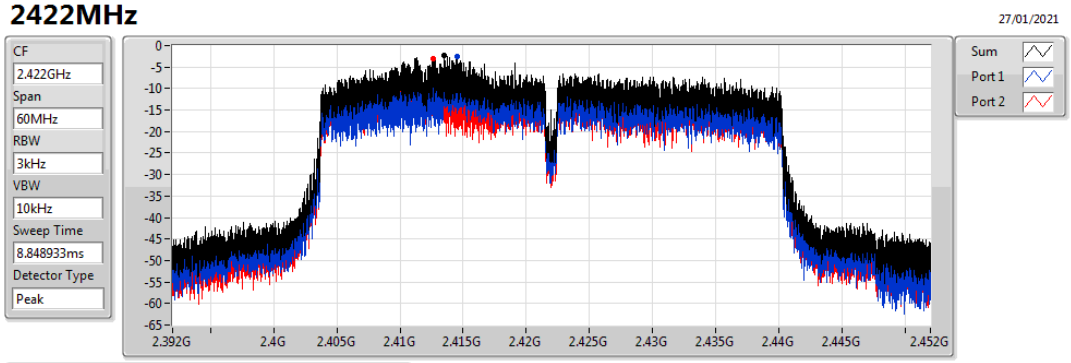
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.30	-1.30	-2.82	-2.55

VHT40-BF_Nss1,(MCS0)_2TX PSD

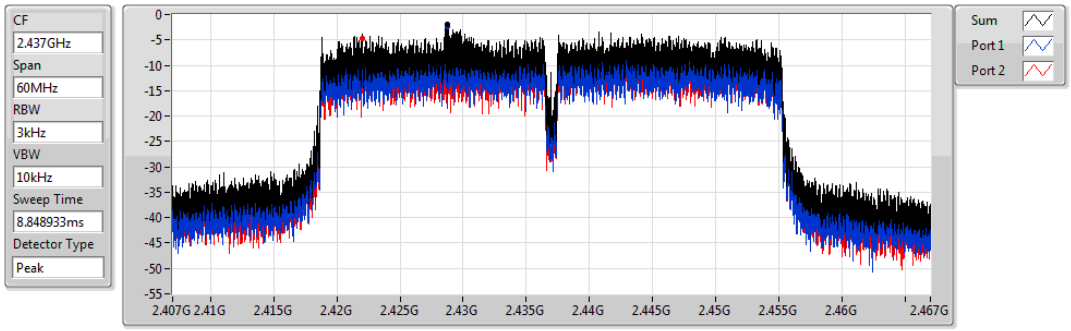
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.19	-2.19	-2.50	-3.01

VHT40-BF_Nss1,(MCS0)_2TX PSD

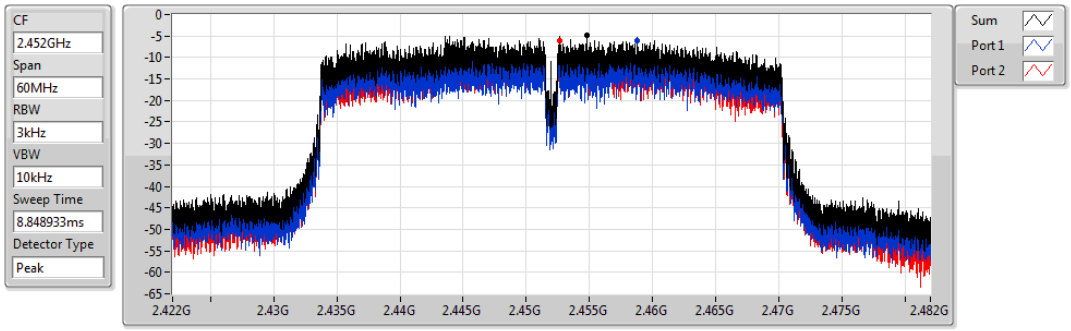
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.83	-1.83	-2.27	-4.65

VHT40-BF_Nss1,(MCS0)_2TX PSD

2452MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.90	-4.90	-6.05	-6.07

Summary

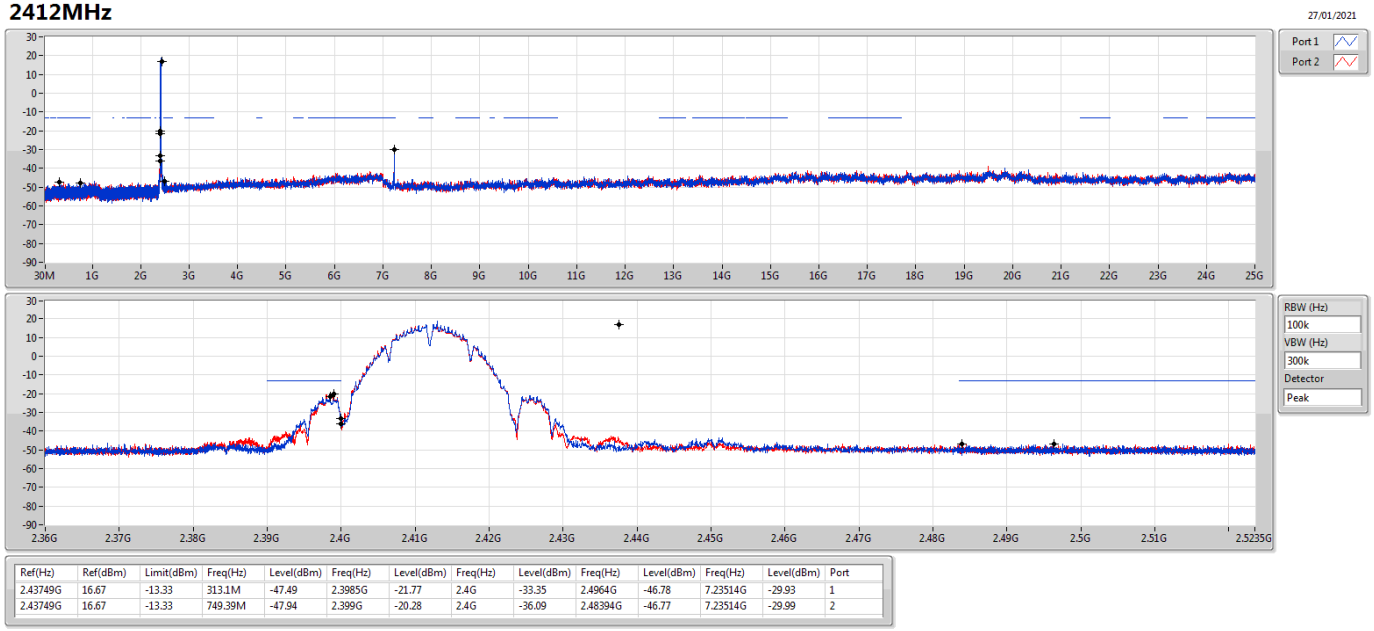
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.43749G	16.67	-13.33	749.39M	-47.94	2.399G	-20.28	2.4G	-36.09	2.48394G	-46.77	7.23514G	-29.99	2
802.11g-BF_Nss1,(6Mbps)_2TX	Pass	2.43499G	18.33	-11.67	729.58M	-47.71	2.39824G	-16.98	2.4G	-20.02	2.48494G	-46.77	7.23795G	-36.38	1
VHT20-BF_Nss1,(MCS0)_2TX	Pass	2.43599G	19.39	-10.61	759.58M	-48.07	2.3992G	-21.86	2.4G	-25.24	2.51232G	-46.90	7.23514G	-36.74	2
VHT40-BF_Nss1,(MCS0)_2TX	Pass	2.42647G	13.23	-16.77	837.23M	-47.67	2.39956G	-21.76	2.4G	-23.48	2.4839G	-34.56	15.1672G	-40.66	1

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43749G	16.67	-13.33	313.1M	-47.49	2.3985G	-21.77	2.4G	-33.35	2.4964G	-46.78	7.23514G	-29.93	1
2412MHz	Pass	2.43749G	16.67	-13.33	749.39M	-47.94	2.399G	-20.28	2.4G	-36.09	2.48394G	-46.77	7.23514G	-29.99	2
2437MHz	Pass	2.43749G	16.67	-13.33	104.56M	-45.91	2.39952G	-44.24	2.4G	-46.03	2.48602G	-47.05	6.80808G	-41.89	1
2437MHz	Pass	2.43749G	16.67	-13.33	541.14M	-46.95	2.39912G	-44.52	2.4G	-47.33	2.48402G	-46.65	6.84461G	-41.73	2
2462MHz	Pass	2.43749G	16.67	-13.33	2.15904G	-48.03	2.4G	-46.25	2.4835G	-48.67	2.48696G	-43.01	15.28172G	-40.79	1
2462MHz	Pass	2.43749G	16.67	-13.33	1.82002G	-47.83	2.39886G	-47.22	2.4835G	-41.27	2.48496G	-41.39	16.43926G	-40.71	2
802.11g-BF_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43499G	18.33	-11.67	729.58M	-47.71	2.39824G	-16.98	2.4G	-20.02	2.48494G	-46.77	7.23795G	-36.38	1
2412MHz	Pass	2.43499G	18.33	-11.67	1.77837G	-47.83	2.39948G	-17.49	2.4G	-20.40	2.49806G	-46.59	7.23514G	-34.49	2
2437MHz	Pass	2.43499G	18.33	-11.67	519.01M	-48.22	2.39888G	-39.17	2.4G	-42.39	2.48958G	-46.07	16.82136G	-41.87	1
2437MHz	Pass	2.43499G	18.33	-11.67	2.12729G	-47.60	2.39978G	-39.30	2.4G	-43.27	2.49558G	-46.26	24.85952G	-41.08	2
2462MHz	Pass	2.43499G	18.33	-11.67	2.15059G	-48.21	2.39058G	-47.12	2.4835G	-33.60	2.48388G	-34.04	16.50669G	-41.46	1
2462MHz	Pass	2.43499G	18.33	-11.67	1.97002G	-47.62	2.3982G	-48.13	2.4835G	-37.12	2.48418G	-35.28	16.78203G	-40.33	2
VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43599G	19.39	-10.61	1.82381G	-46.57	2.3976G	-22.16	2.4G	-21.88	2.50516G	-46.90	7.23795G	-39.61	1
2412MHz	Pass	2.43599G	19.39	-10.61	759.58M	-48.07	2.3992G	-21.86	2.4G	-25.24	2.51232G	-46.90	7.23514G	-36.74	2
2437MHz	Pass	2.43599G	19.39	-10.61	394.65M	-47.64	2.39978G	-38.15	2.4G	-40.24	2.48718G	-44.79	6.77156G	-41.69	1
2437MHz	Pass	2.43599G	19.39	-10.61	307.27M	-46.75	2.39862G	-39.04	2.4G	-43.27	2.48384G	-45.85	6.71818G	-40.99	2
2462MHz	Pass	2.43599G	19.39	-10.61	364.06M	-46.99	2.4G	-46.20	2.4835G	-36.46	2.48392G	-36.23	23.1794G	-41.24	1
2462MHz	Pass	2.43599G	19.39	-10.61	767.74M	-46.68	2.39672G	-47.40	2.4835G	-39.06	2.4835G	-37.54	16.76517G	-41.51	2
VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.42647G	13.23	-16.77	2.12735G	-47.82	2.39664G	-26.24	2.4G	-29.96	2.53206G	-47.22	16.78544G	-41.45	1
2422MHz	Pass	2.42647G	13.23	-16.77	2.12077G	-48.29	2.39392G	-27.89	2.4G	-28.08	2.48358G	-45.82	7.24712G	-40.99	2
2437MHz	Pass	2.42647G	13.23	-16.77	837.23M	-47.67	2.39956G	-21.76	2.4G	-23.48	2.4839G	-34.56	15.1672G	-40.66	1
2437MHz	Pass	2.42647G	13.23	-16.77	878.16M	-47.06	2.39796G	-22.17	2.4G	-25.13	2.4835G	-36.37	6.8657G	-41.12	2
2452MHz	Pass	2.42647G	13.23	-16.77	559.85M	-47.67	2.39944G	-45.86	2.4835G	-33.40	2.48362G	-32.36	16.41804G	-41.74	1
2452MHz	Pass	2.42647G	13.23	-16.77	946.29M	-47.72	2.39768G	-45.40	2.4835G	-37.69	2.48422G	-34.25	6.94142G	-40.96	2

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

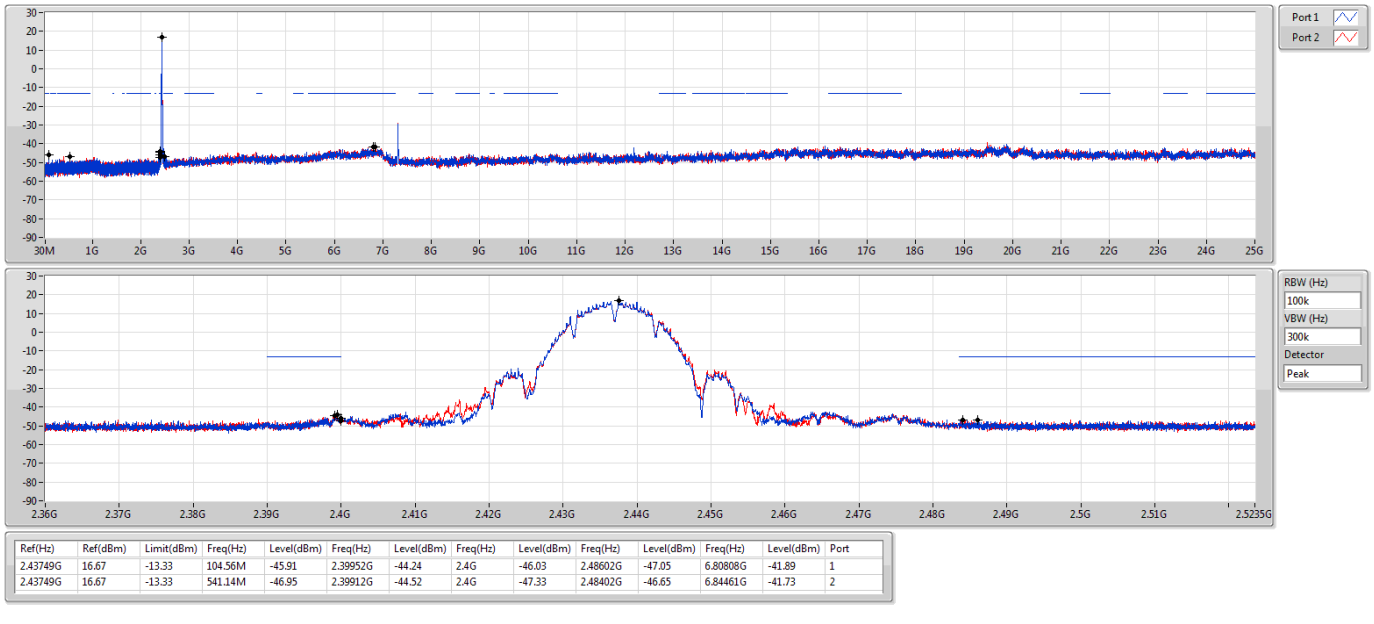
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43749G	16.67	-13.33	313.1M	-47.49	2.3985G	-21.77	2.4G	-33.35	2.4964G	-46.78	7.23514G	-29.93	1
2.43749G	16.67	-13.33	749.39M	-47.94	2.399G	-20.28	2.4G	-36.09	2.48394G	-46.77	7.23514G	-29.99	2

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

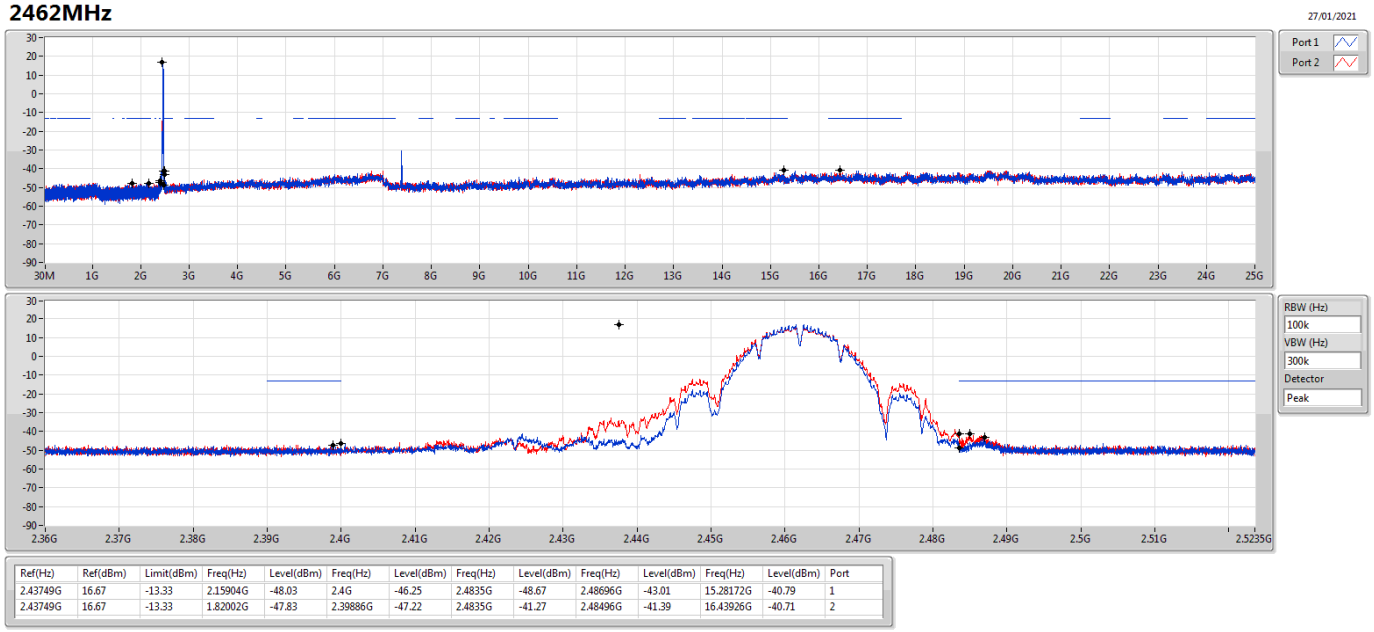
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43749G	16.67	-13.33	104.56M	-45.91	2.39952G	-44.24	2.4G	-46.03	2.48602G	-47.05	6.80808G	-41.89	1
2.43749G	16.67	-13.33	541.14M	-46.95	2.39912G	-44.52	2.4G	-47.33	2.48402G	-46.65	6.84461G	-41.73	2

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

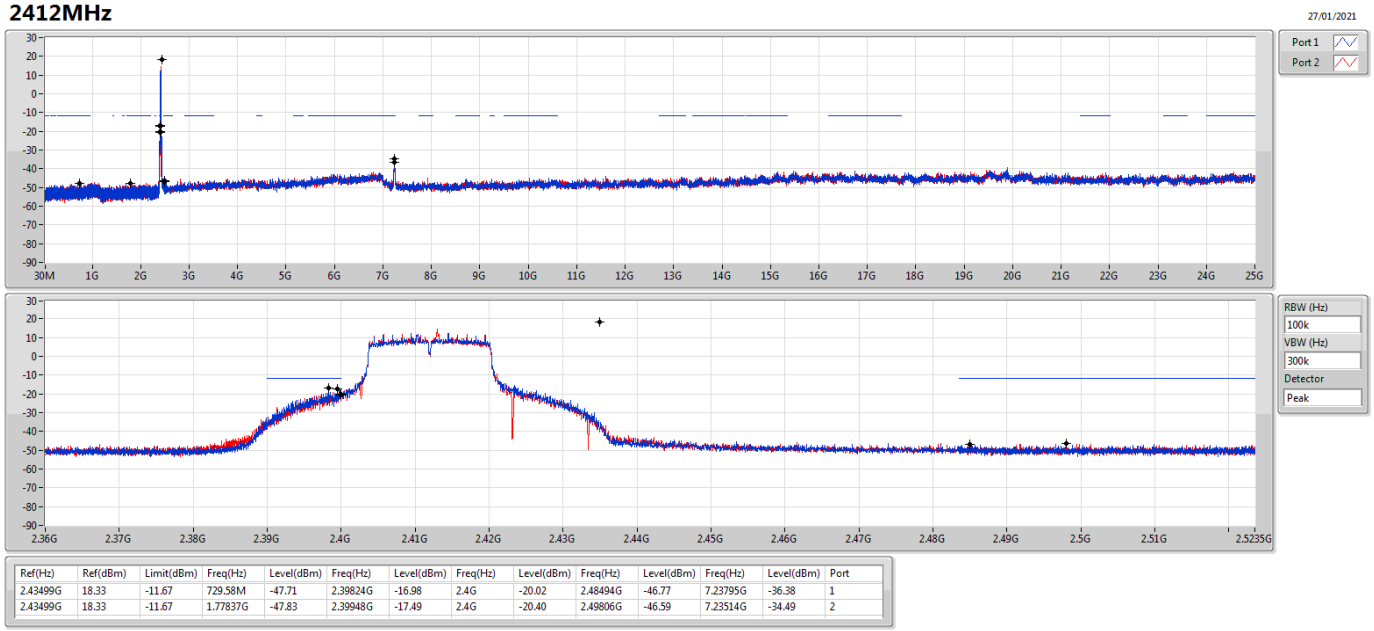
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43749G	16.67	-13.33	2.15904G	-48.03	2.4G	-46.25	2.4835G	-48.67	2.48696G	-43.01	15.28172G	-40.79	1
2.43749G	16.67	-13.33	1.82002G	-47.83	2.39886G	-47.22	2.4835G	-41.27	2.48496G	-41.39	16.43926G	-40.71	2

802.11g-BF_Nss1,(6Mbps)_2TX **CSE NdB**

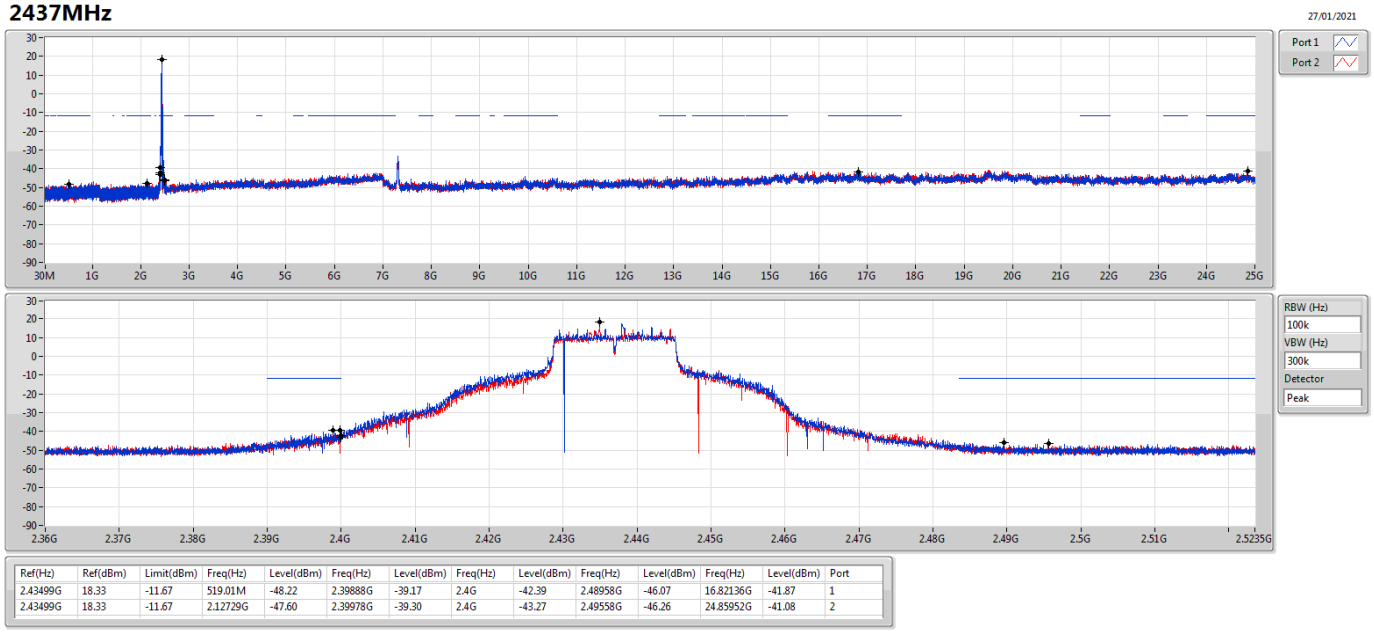
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43499G	18.33	-11.67	729.58M	-47.71	2.39824G	-16.98	2.4G	-20.02	2.48494G	-46.77	7.23795G	-36.38	1
2.43499G	18.33	-11.67	1.77837G	-47.83	2.39948G	-17.49	2.4G	-20.40	2.49806G	-46.59	7.23514G	-34.49	2

802.11g-BF_Nss1,(6Mbps)_2TX **CSE NdB**

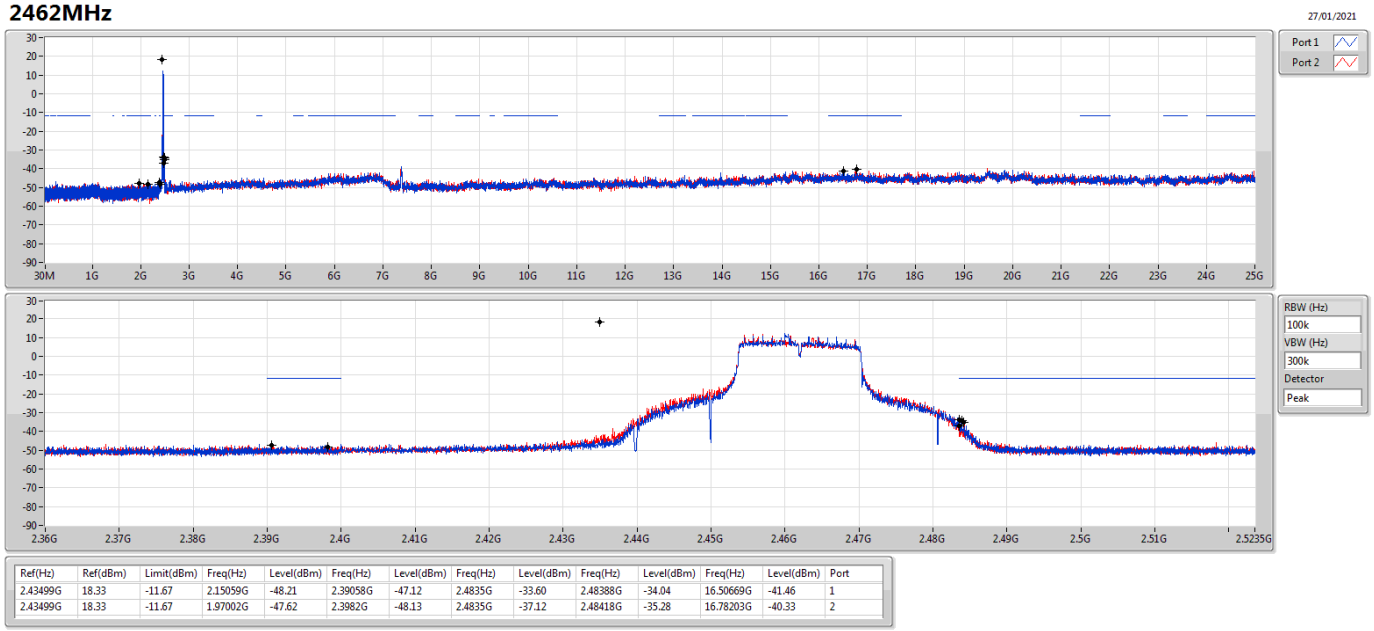
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43499G	18.33	-11.67	519.01M	-48.22	2.39888G	-39.17	2.4G	-42.39	2.48958G	-46.07	16.82136G	-41.87	1
2.43499G	18.33	-11.67	2.12729G	-47.60	2.39978G	-39.30	2.4G	-43.27	2.49558G	-46.26	24.85952G	-41.08	2

802.11g-BF_Nss1,(6Mbps)_2TX **CSE NdB**

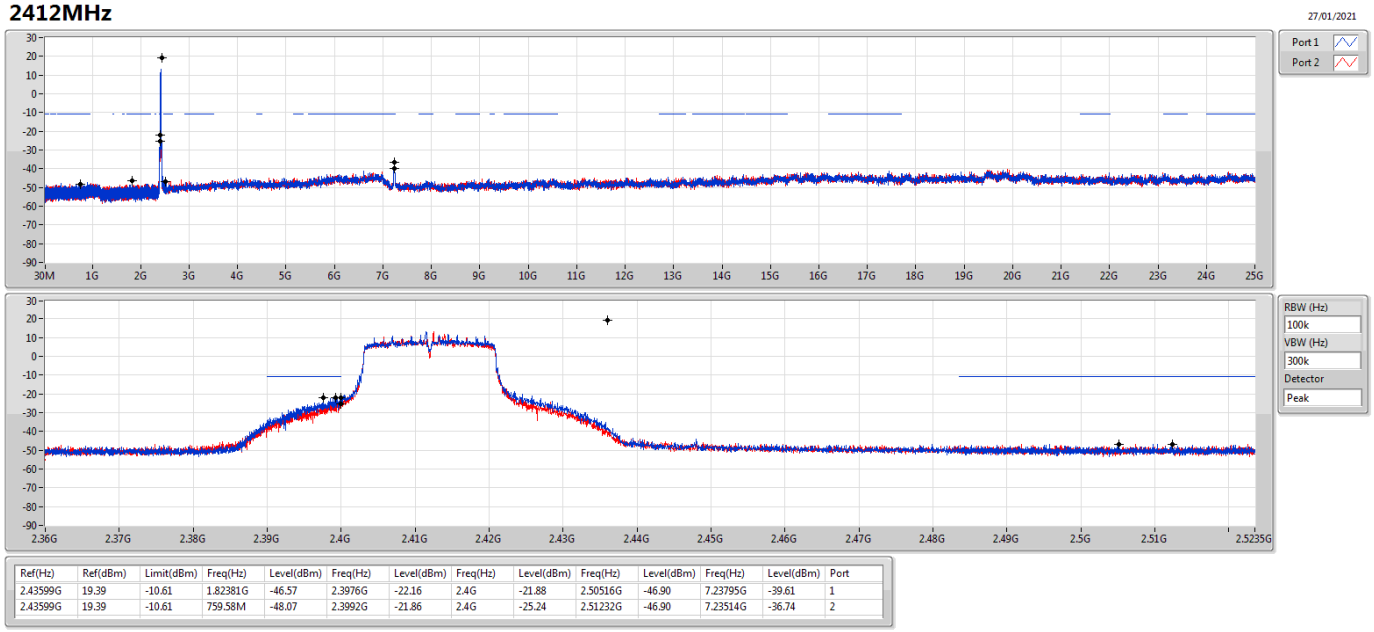
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43499G	18.33	-11.67	2.15059G	-48.21	2.39058G	-47.12	2.4835G	-33.60	2.48388G	-34.04	16.50669G	-41.46	1
2.43499G	18.33	-11.67	1.97002G	-47.62	2.3982G	-48.13	2.4835G	-37.12	2.48418G	-35.28	16.78203G	-40.33	2

VHT20-BF_Nss1,(MCS0)_2TX **CSE NdB**

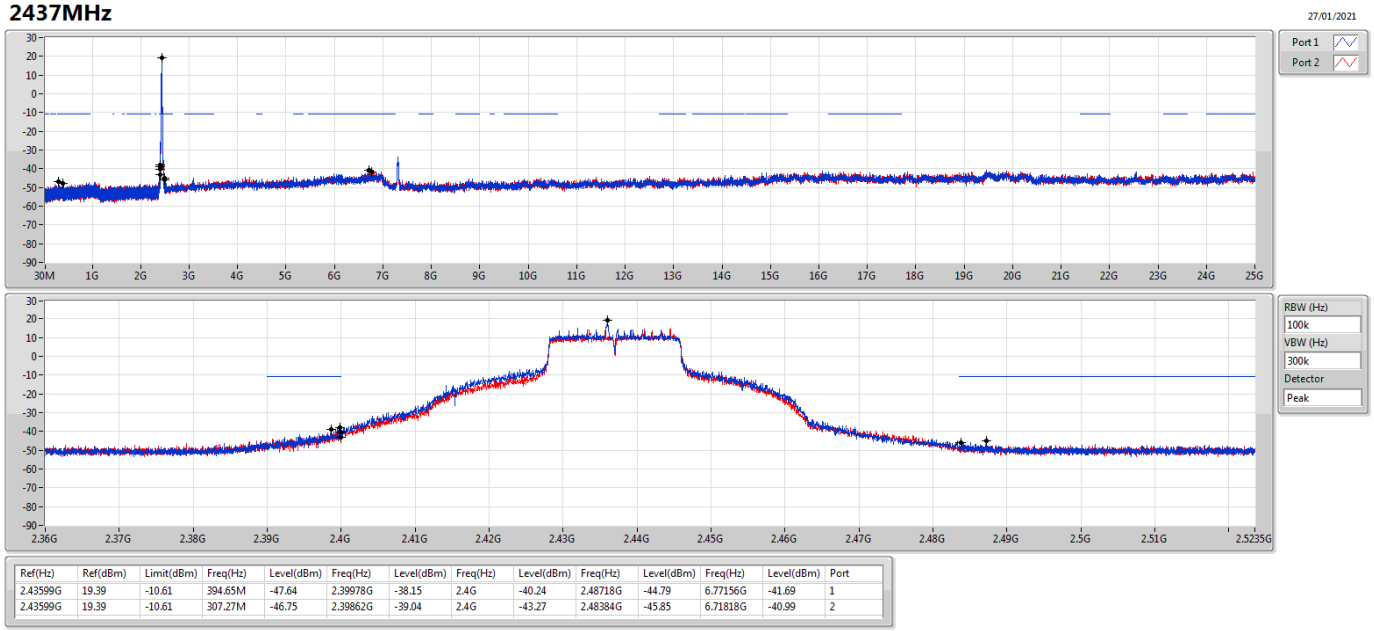
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43599G	19.39	-10.61	1.82381G	-46.57	2.3976G	-22.16	2.4G	-21.88	2.50516G	-46.90	7.23795G	-39.61	1
2.43599G	19.39	-10.61	759.58M	-48.07	2.3992G	-21.86	2.4G	-25.24	2.51232G	-46.90	7.23514G	-36.74	2

VHT20-BF_Nss1,(MCS0)_2TX **CSE NdB**

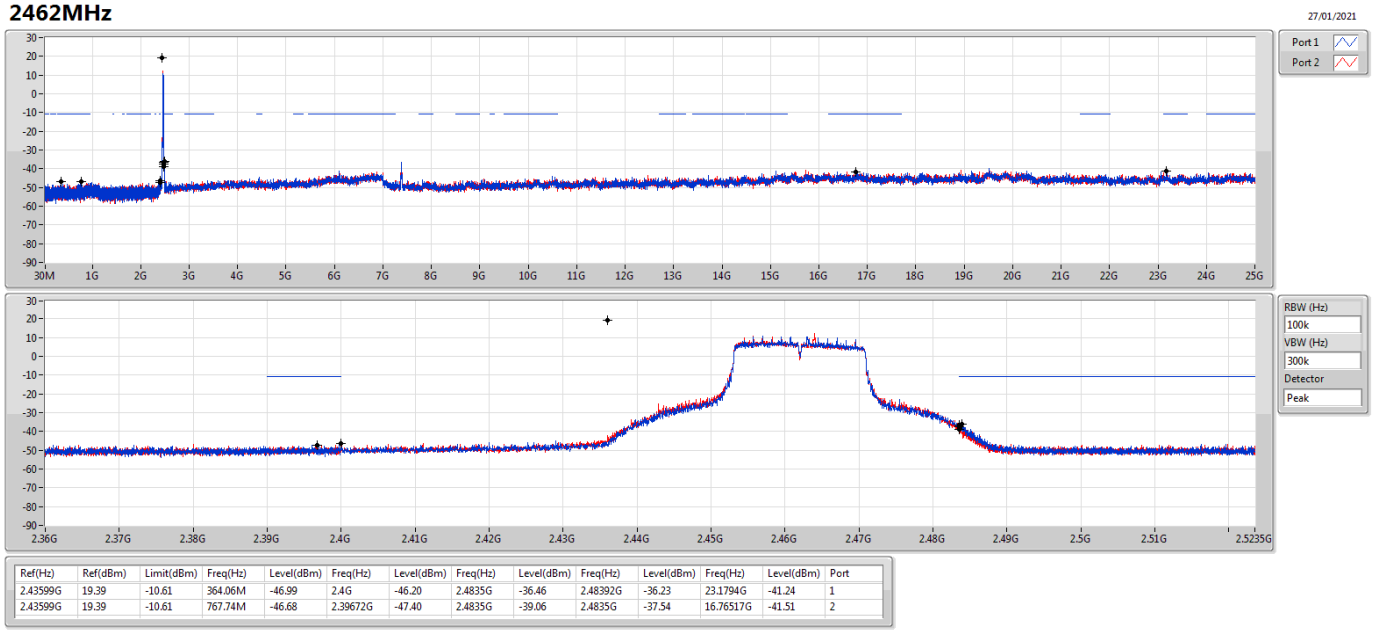
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43599G	19.39	-10.61	394.65M	-47.64	2.39978G	-38.15	2.4G	-40.24	2.48718G	-44.79	6.77156G	-41.69	1
2.43599G	19.39	-10.61	307.27M	-46.75	2.39862G	-39.04	2.4G	-43.27	2.48384G	-45.85	6.71818G	-40.99	2

VHT20-BF_Nss1,(MCS0)_2TX **CSE NdB**

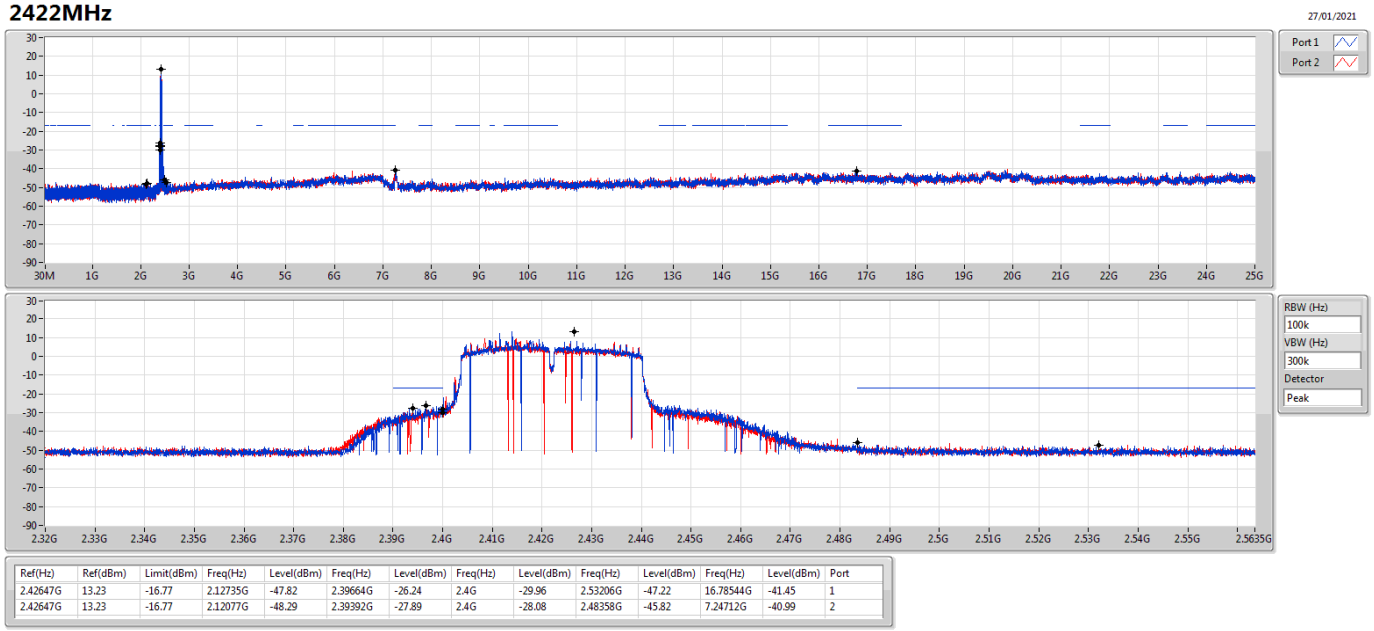
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43599G	19.39	-10.61	364.06M	-46.99	2.4G	-46.20	2.4835G	-36.46	2.48392G	-36.23	23.1794G	-41.24	1
2.43599G	19.39	-10.61	767.74M	-46.68	2.39672G	-47.40	2.4835G	-39.06	2.4835G	-37.54	16.76517G	-41.51	2

VHT40-BF_Nss1,(MCS0)_2TX **CSE NdB**

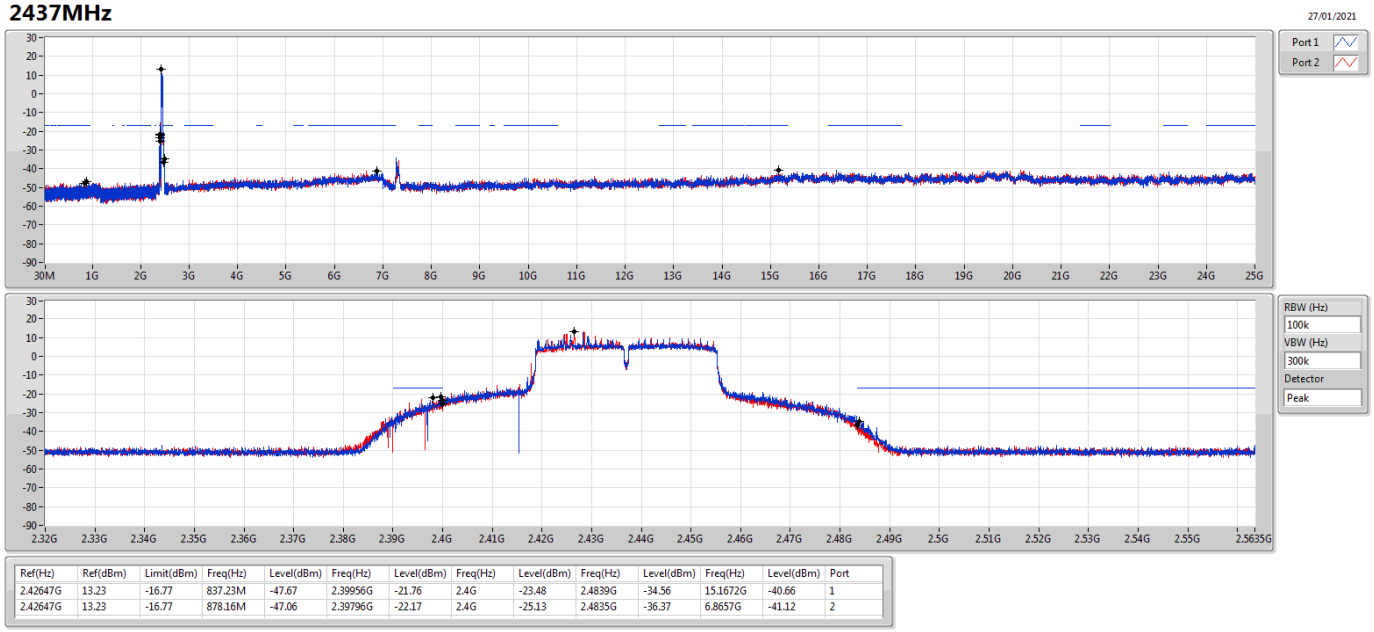
2422MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.42647G	13.23	-16.77	2.12735G	-47.82	2.39664G	-26.24	2.4G	-29.96	2.53206G	-47.22	16.78544G	-41.45	1
2.42647G	13.23	-16.77	2.12077G	-48.29	2.39392G	-27.89	2.4G	-28.08	2.48358G	-45.82	7.24712G	-40.99	2

VHT40-BF_Nss1,(MCS0)_2TX **CSE NdB**

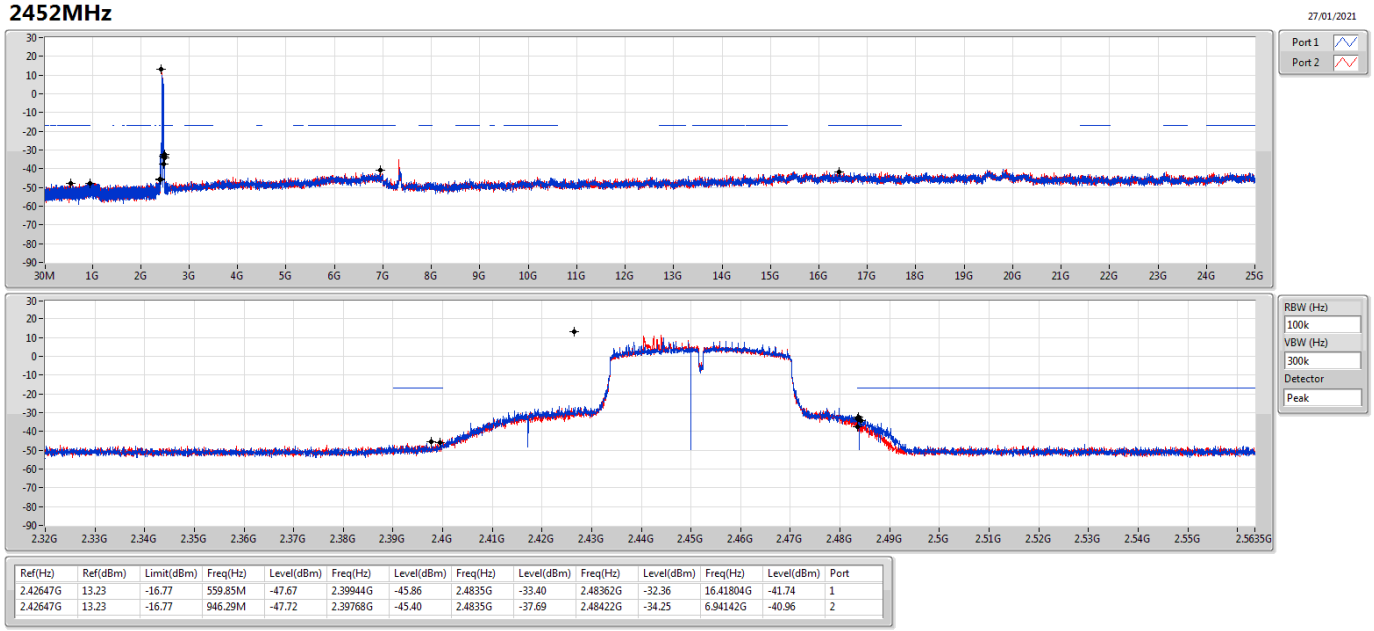
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.42647G	13.23	-16.77	837.23M	-47.67	2.39956G	-21.76	2.4G	-23.48	2.4839G	-34.56	15.1672G	-40.66	1
2.42647G	13.23	-16.77	878.16M	-47.06	2.39796G	-22.17	2.4G	-25.13	2.4835G	-36.37	6.8657G	-41.12	2

VHT40-BF_Nss1,(MCS0)_2TX **CSE NdB**

2452MHz



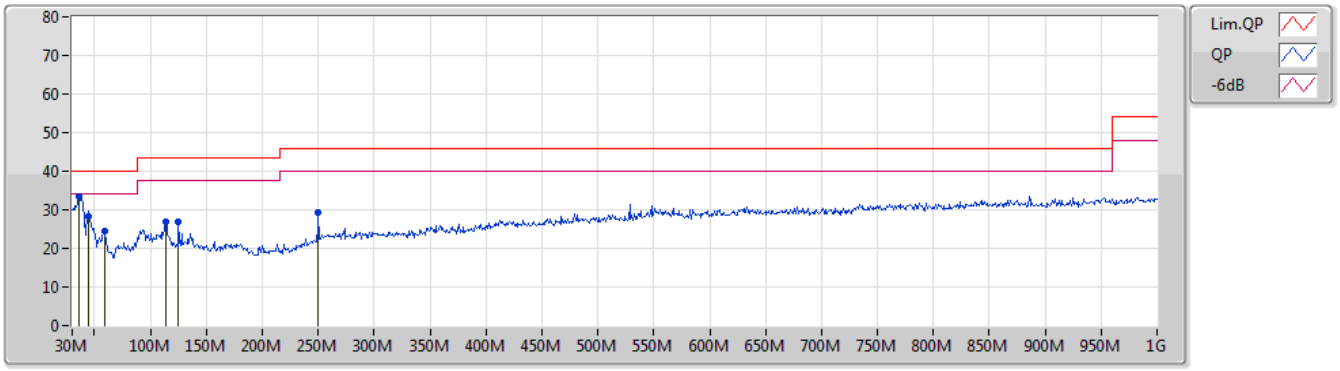
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.42647G	13.23	-16.77	559.85M	-47.67	2.39944G	-45.86	2.4835G	-33.40	2.48362G	-32.36	16.41804G	-41.74	1
2.42647G	13.23	-16.77	946.29M	-47.72	2.39768G	-45.40	2.4835G	-37.69	2.48422G	-34.25	6.94142G	-40.96	2

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 3	Pass	PK	35.82M	33.54	40.00	-6.46	Vertical

Mode 3

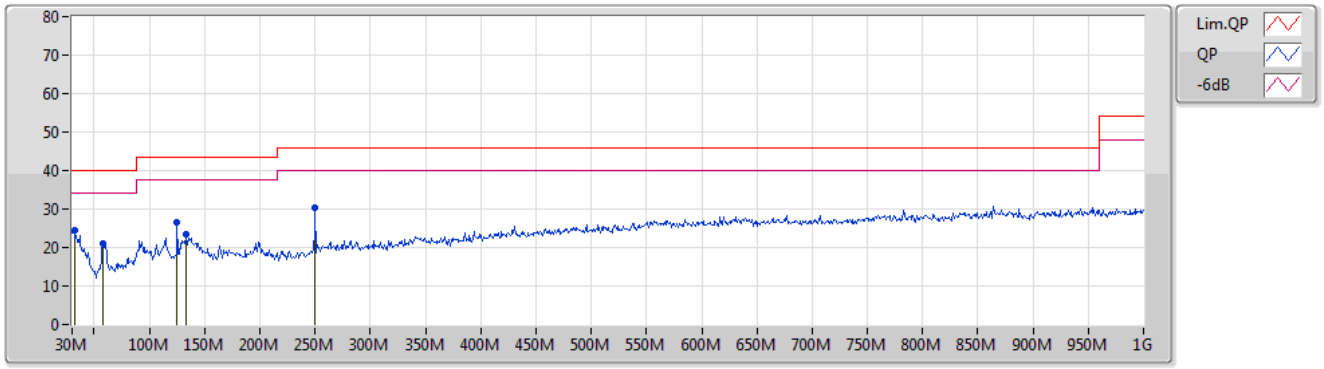
06/02/2021



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	35.82M	33.54	40.00	-6.46	-6.92	3	Vertical	360	1.25	"Worst"	40.46	21.34	0.22	28.48
PK	44.55M	28.30	40.00	-11.70	-11.12	3	Vertical	360	1.25	-	39.42	16.97	0.39	28.48
PK	59.1M	24.57	40.00	-15.43	-15.33	3	Vertical	278	1.00	-	39.90	12.67	0.48	28.48
PK	113.42M	26.91	43.50	-16.59	-9.77	3	Vertical	210	1.00	-	36.68	17.78	0.83	28.38
PK	125.06M	26.86	43.50	-16.64	-9.48	3	Vertical	154	1.00	-	36.34	17.91	0.95	28.34
PK	250.19M	29.40	46.00	-16.60	-7.83	3	Vertical	167	2.00	-	37.23	18.46	1.50	27.79

Mode 3

06/02/2021



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	31.94M	24.61	40.00	-15.39	-4.86	3	Horizontal	352	2.00	"Worst"	29.47	23.43	0.20	28.49
PK	58.13M	21.20	40.00	-18.80	-15.37	3	Horizontal	292	2.00	-	36.57	12.65	0.46	28.48
PK	125.06M	26.44	43.50	-17.06	-9.48	3	Horizontal	112	2.00	-	35.92	17.91	0.95	28.34
PK	133.79M	23.47	43.50	-20.03	-9.72	3	Horizontal	272	2.00	-	33.19	17.55	1.04	28.31
PK	250.19M	30.22	46.00	-15.78	-7.83	3	Horizontal	109	1.00	-	38.05	18.46	1.50	27.79
PK	250.19M	30.22	46.00	-15.78	-7.83	3	Horizontal	109	1.00	-	38.05	18.46	1.50	27.79

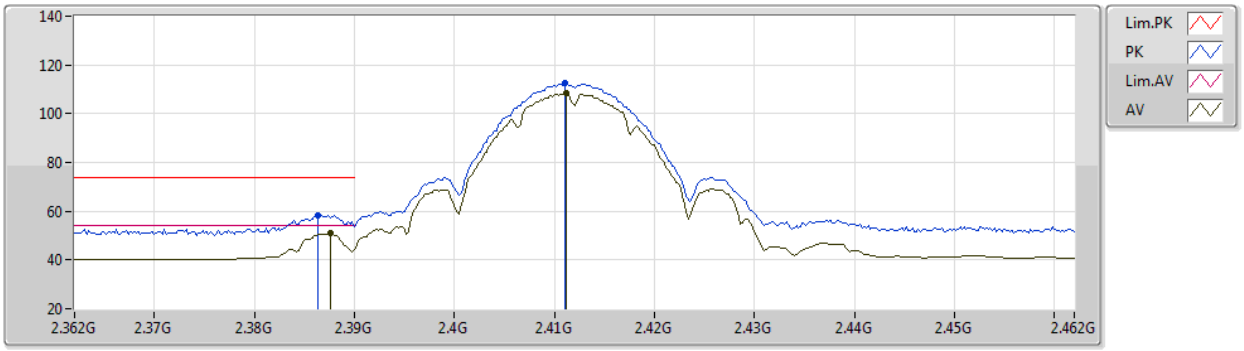
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
VHT20-BF_Nss1,(MCS0)_2TX	Pass	AV	2.4835G	53.84	54.00	-0.16	3	Horizontal	307	2.62	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

18/01/2021



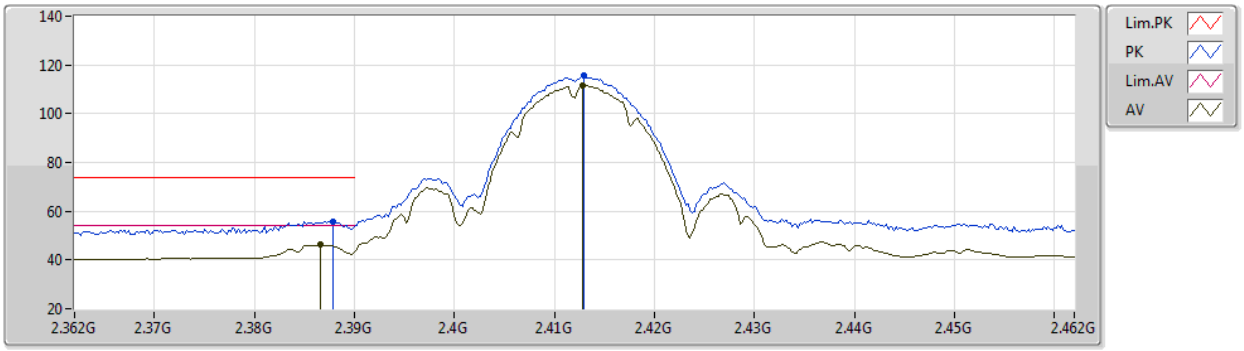
EUT Z_2TX
Setting 26
01-A-G-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3864G	58.20	74.00	-15.80	28.64	3	Vertical	54	1.70	-	27.37	2.19	-
AV	2.3876G	50.81	54.00	-3.19	21.24	3	Vertical	54	1.70	-	27.38	2.19	-
PK	2.411G	112.60	Inf	-Inf	82.97	3	Vertical	54	1.70	-	27.42	2.21	-
AV	2.4112G	108.50	Inf	-Inf	78.87	3	Vertical	54	1.70	-	27.42	2.21	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

18/01/2021



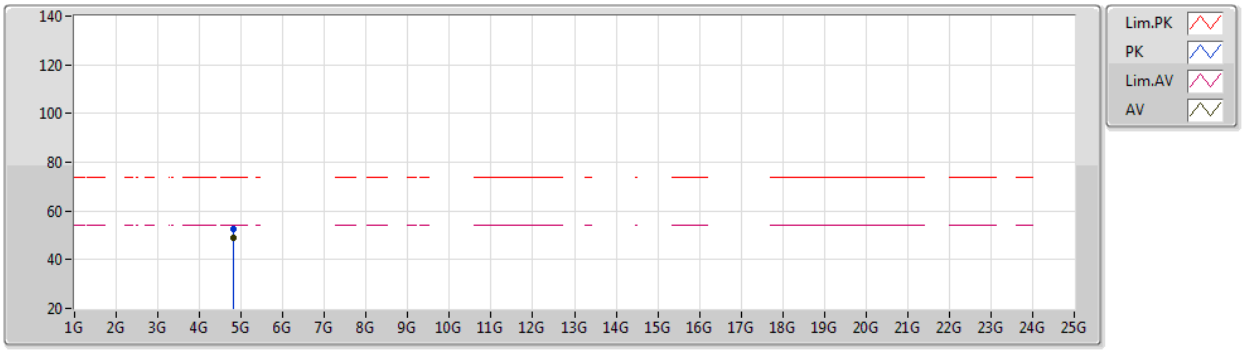
EUT Z_2TX
Setting 26
01-A-G-3

Type	Freq	Level	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	55.87	74.00	-18.13	26.30	3	Horizontal	326	2.72	-	27.38	2.19	-
AV	2.3866G	46.13	54.00	-7.87	16.57	3	Horizontal	326	2.72	-	27.37	2.19	-
PK	2.413G	115.50	Inf	-Inf	85.86	3	Horizontal	326	2.72	-	27.43	2.21	-
AV	2.4128G	111.38	Inf	-Inf	81.74	3	Horizontal	326	2.72	-	27.43	2.21	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

18/01/2021



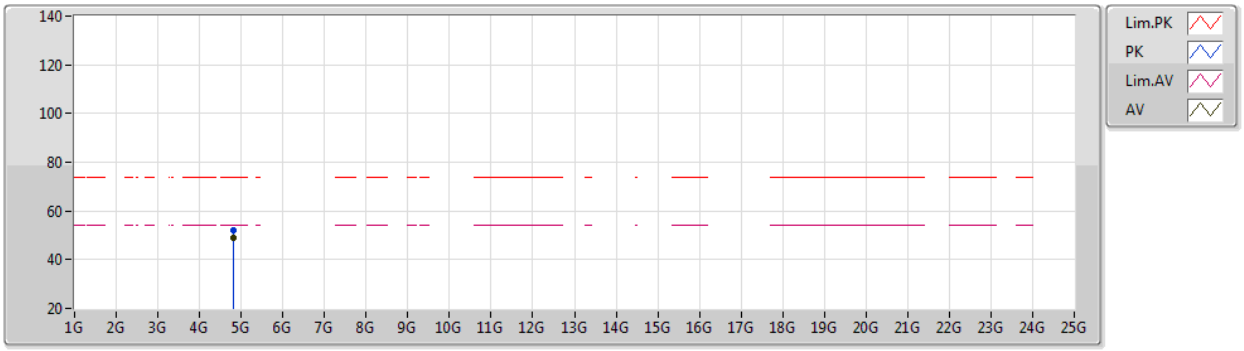
EUT Z_2TX
Setting 26
01-A-G-3

Type	Freq	Level	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	52.55	74.00	-21.45	49.85	3	Vertical	294	1.76	-	32.24	5.01	34.55
AV	4.82398G	48.75	54.00	-5.25	46.05	3	Vertical	294	1.76	-	32.24	5.01	34.55

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

18/01/2021



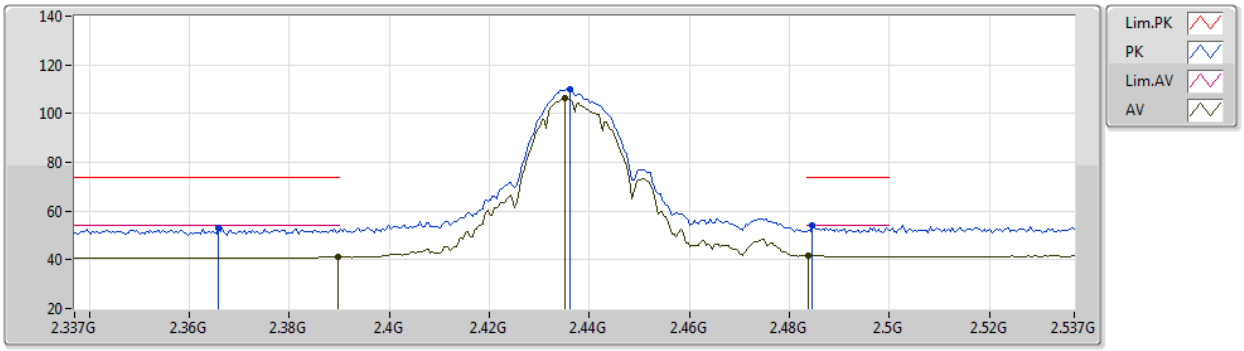
EUT Z_2TX
Setting 26
01-A-G-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82388G	52.17	74.00	-21.83	49.47	3	Horizontal	344	2.50	-	32.24	5.01	34.55
AV	4.824G	48.95	54.00	-5.05	46.25	3	Horizontal	344	2.50	-	32.24	5.01	34.55

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

18/01/2021



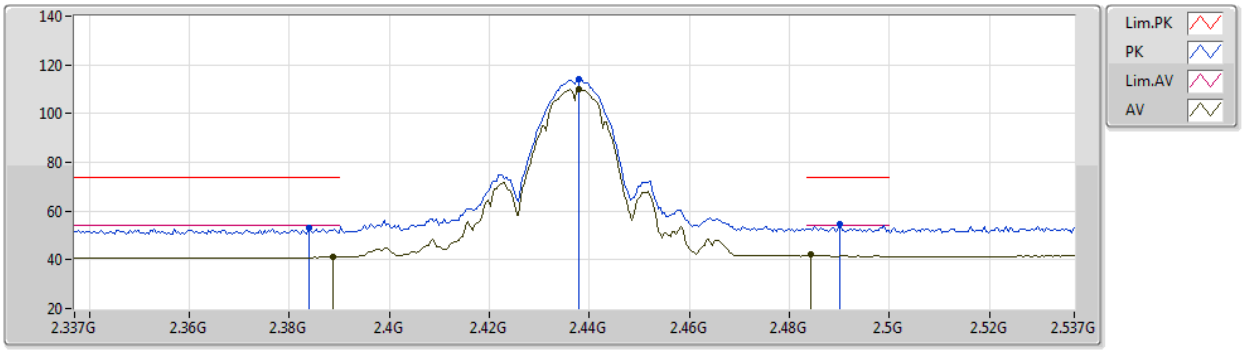
EUT Z_2TX
Setting 26
01-A-G-2

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	2.3658G	53.16	74.00	-20.84	23.66	3	Vertical	7	2.83	-	27.33	2.17	-
AV	2.3898G	41.36	54.00	-12.64	11.79	3	Vertical	7	2.83	-	27.38	2.19	-
PK	2.4362G	110.01	Inf	-Inf	80.30	3	Vertical	7	2.83	-	27.47	2.24	-
AV	2.435G	106.23	Inf	-Inf	76.52	3	Vertical	7	2.83	-	27.47	2.24	-
PK	2.4846G	54.19	74.00	-19.81	24.20	3	Vertical	7	2.83	-	27.71	2.28	-
AV	2.4838G	41.72	54.00	-12.28	11.74	3	Vertical	7	2.83	-	27.70	2.28	-

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

18/01/2021



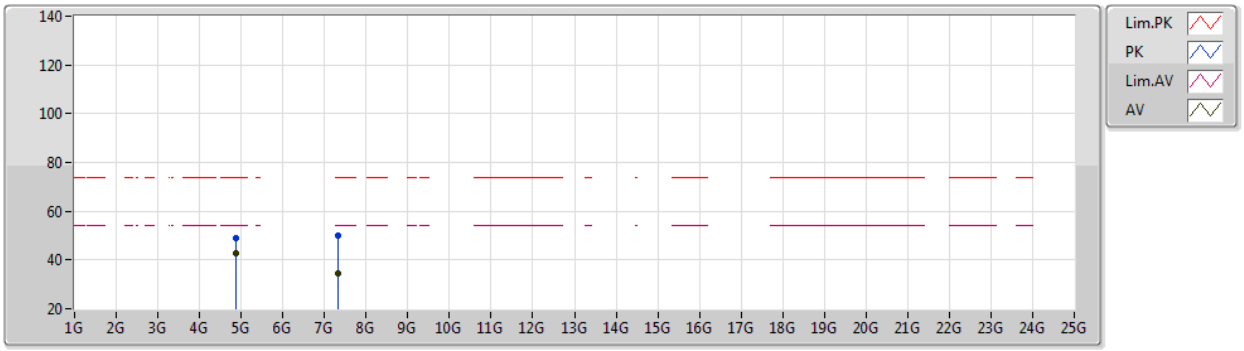
EUT Z_2TX
Setting 26
01-A-G-2

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	2.3838G	52.99	74.00	-21.01	23.44	3	Horizontal	323	2.87	-	27.37	2.18	-
AV	2.3886G	41.12	54.00	-12.88	11.55	3	Horizontal	323	2.87	-	27.38	2.19	-
PK	2.4378G	114.09	Inf	-Inf	84.37	3	Horizontal	323	2.87	-	27.48	2.24	-
AV	2.4378G	110.07	Inf	-Inf	80.35	3	Horizontal	323	2.87	-	27.48	2.24	-
PK	2.4902G	54.62	74.00	-19.38	24.59	3	Horizontal	323	2.87	-	27.74	2.29	-
AV	2.4842G	42.01	54.00	-11.99	12.02	3	Horizontal	323	2.87	-	27.71	2.28	-

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

18/01/2021



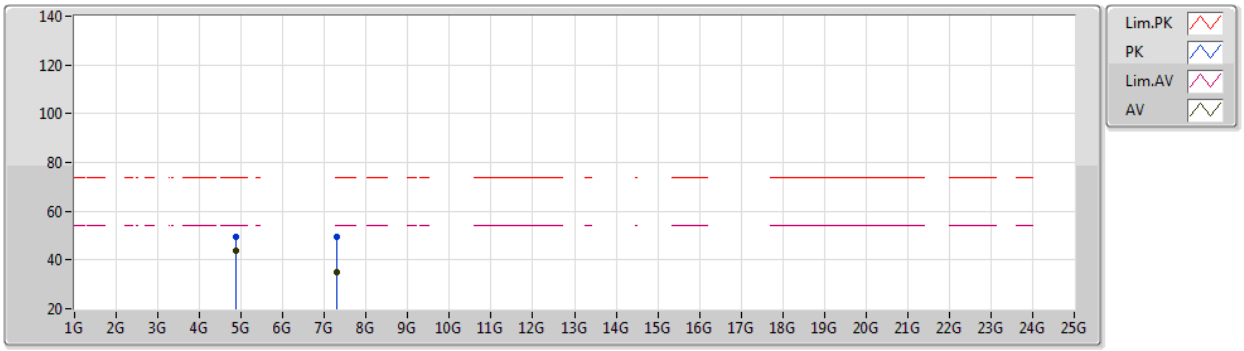
EUT Z_2TX
Setting 26
01-A-G-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87398G	48.81	74.00	-25.19	45.85	3	Vertical	298	1.80	-	32.45	5.04	34.53
AV	4.87398G	42.84	54.00	-11.16	39.88	3	Vertical	298	1.80	-	32.45	5.04	34.53
PK	7.31117G	49.88	74.00	-24.12	41.08	3	Vertical	45	2.79	-	37.14	6.31	34.65
AV	7.31174G	34.35	54.00	-19.65	25.54	3	Vertical	45	2.79	-	37.15	6.31	34.65

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

18/01/2021



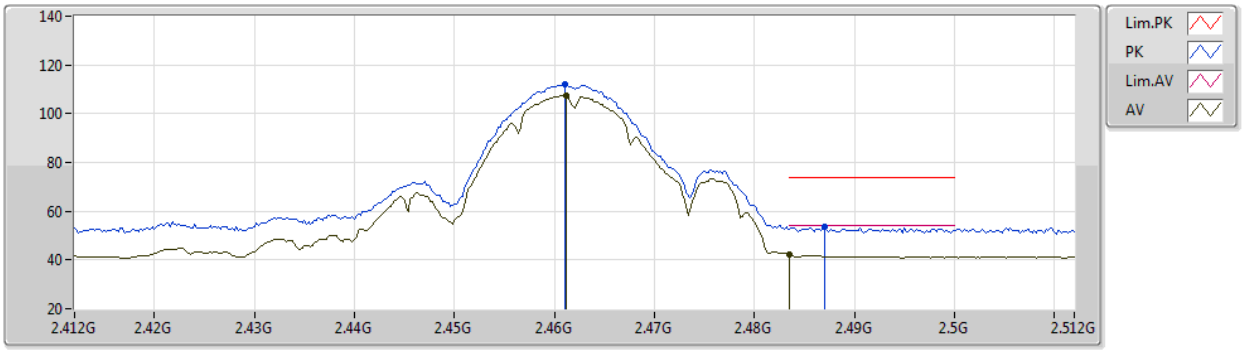
EUT Z_2TX
Setting 26
01-A-G-3

Type	Freq	Level	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	49.23	74.00	-24.77	46.27	3	Horizontal	343	2.78	-	32.45	5.04	34.53
AV	4.87398G	43.73	54.00	-10.27	40.77	3	Horizontal	343	2.78	-	32.45	5.04	34.53
PK	7.30392G	49.34	74.00	-24.66	40.57	3	Horizontal	311	2.38	-	37.12	6.30	34.65
AV	7.30228G	34.93	54.00	-19.07	26.17	3	Horizontal	311	2.38	-	37.11	6.30	34.65

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

18/01/2021



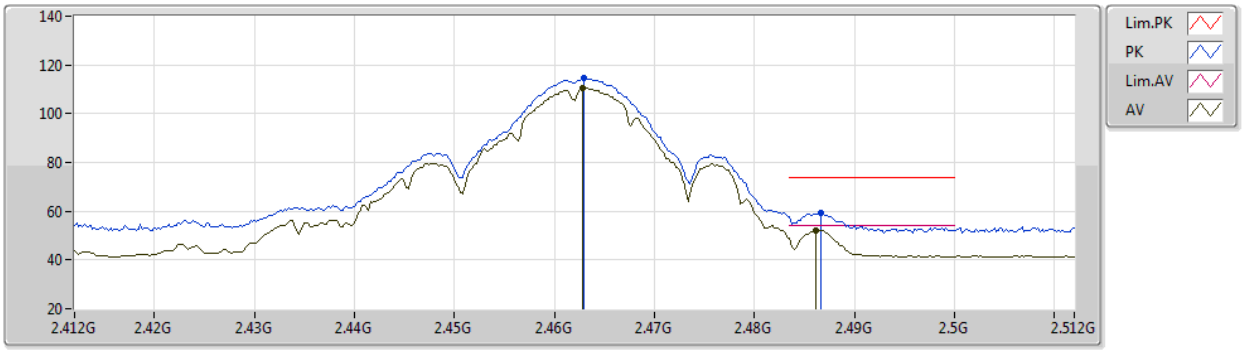
EUT Z_2TX
Setting 26
01-A-G-3

Type	Freq	Level	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	112.18	Inf	-Inf	82.35	3	Vertical	130	1.68	-	27.57	2.26	-
AV	2.4612G	107.54	Inf	-Inf	77.71	3	Vertical	130	1.68	-	27.57	2.26	-
PK	2.487G	53.82	74.00	-20.18	23.81	3	Vertical	130	1.68	-	27.72	2.29	-
AV	2.4835G	42.25	54.00	-11.75	12.27	3	Vertical	130	1.68	-	27.70	2.28	-

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

18/01/2021



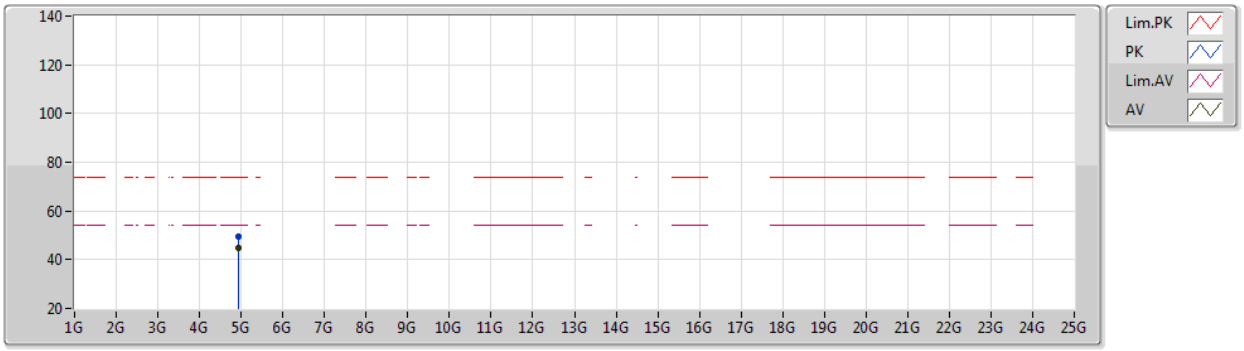
EUT Z_2TX
Setting 26
01-A-G-2

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	114.76	Inf	-Inf	84.92	3	Horizontal	95	1.28	-	27.58	2.26	-
AV	2.4628G	110.35	Inf	-Inf	80.51	3	Horizontal	95	1.28	-	27.58	2.26	-
PK	2.4866G	59.45	74.00	-14.55	29.44	3	Horizontal	95	1.28	-	27.72	2.29	-
AV	2.4862G	52.25	54.00	-1.75	22.24	3	Horizontal	95	1.28	-	27.72	2.29	-

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

18/01/2021



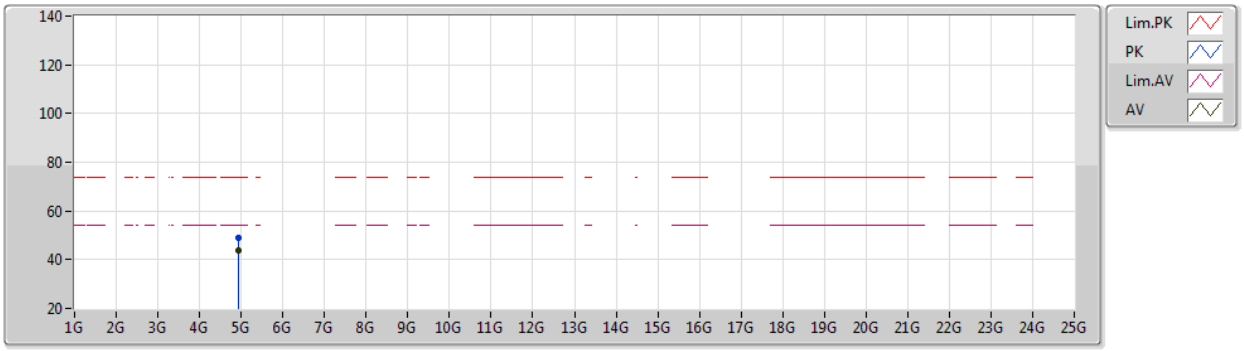
EUT Z_2TX
Setting 26
01-A-G-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92388G	49.28	74.00	-24.72	46.08	3	Vertical	294	1.66	-	32.64	5.06	34.50
AV	4.92396G	44.61	54.00	-9.39	41.41	3	Vertical	294	1.66	-	32.64	5.06	34.50

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

18/01/2021



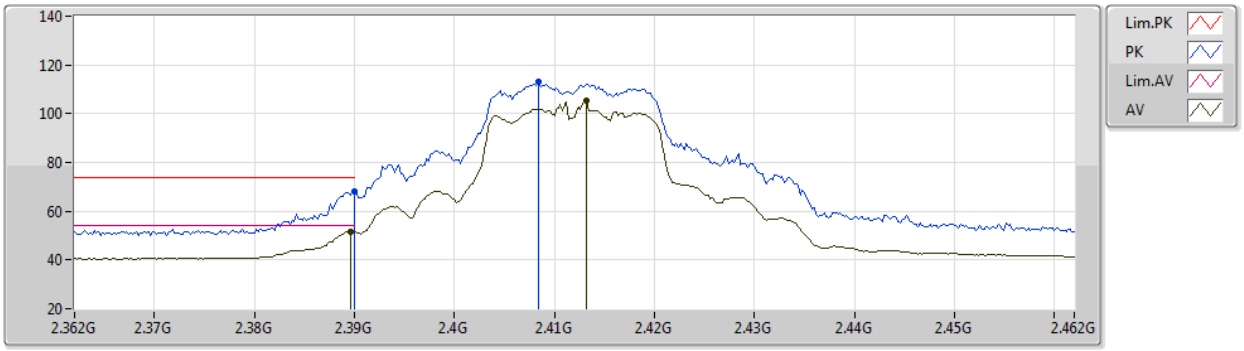
EUT Z_2TX
Setting 26
01-A-G-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.9239G	48.72	74.00	-25.28	45.52	3	Horizontal	347	2.88	-	32.64	5.06	34.50
AV	4.92396G	43.72	54.00	-10.28	40.52	3	Horizontal	347	2.88	-	32.64	5.06	34.50

802.11g-BF_Nss1,(6Mbps)_2TX

2412MHz_TX

18/01/2021



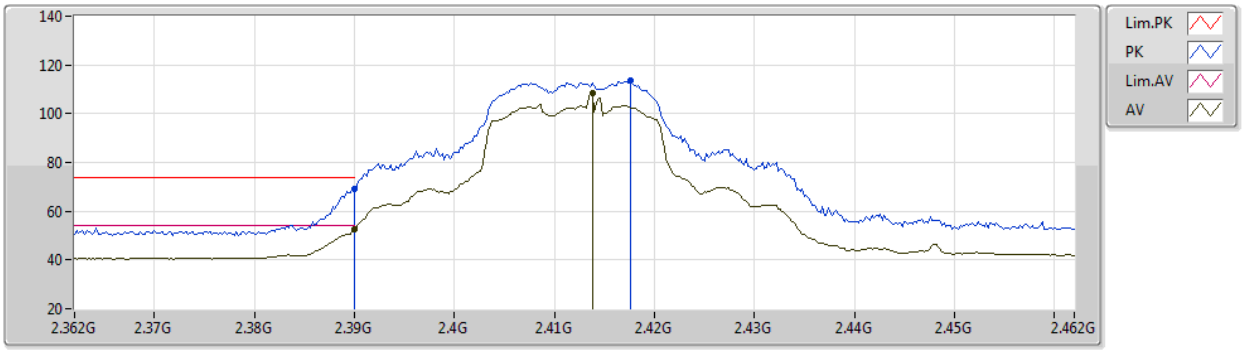
EUT Z_2TX
Setting 23
01-A-G-3

Type	Freq	Level	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	68.18	74.00	-5.82	38.61	3	Vertical	42	2.50	-	27.38	2.19	-
AV	2.3896G	51.81	54.00	-2.19	22.24	3	Vertical	42	2.50	-	27.38	2.19	-
PK	2.4084G	112.95	Inf	-Inf	83.32	3	Vertical	42	2.50	-	27.42	2.21	-
AV	2.4132G	105.31	Inf	-Inf	75.67	3	Vertical	42	2.50	-	27.43	2.21	-

802.11g-BF_Nss1,(6Mbps)_2TX

2412MHz_TX

18/01/2021



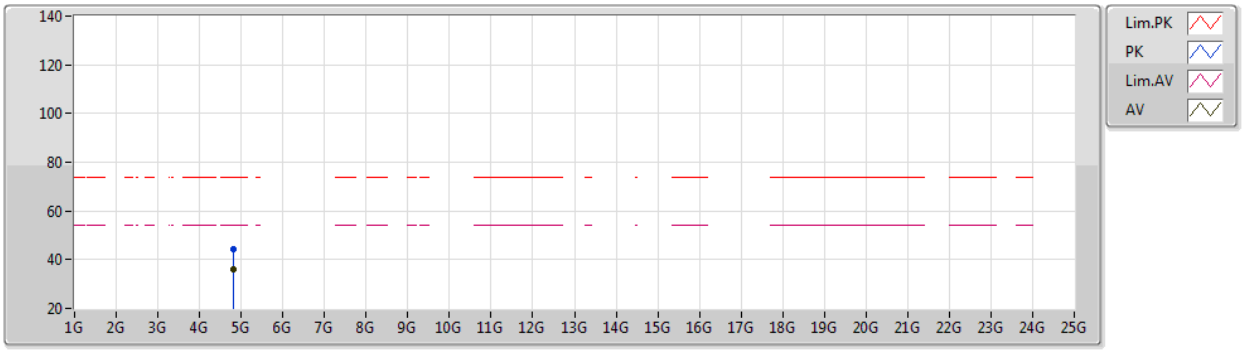
EUT Z_2TX
Setting 23
01-A-G-3

Type	Freq	Level	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	69.07	74.00	-4.93	39.50	3	Horizontal	262	2.23	-	27.38	2.19	-
AV	2.39G	52.58	54.00	-1.42	23.01	3	Horizontal	262	2.23	-	27.38	2.19	-
PK	2.4176G	113.87	Inf	-Inf	84.21	3	Horizontal	262	2.23	-	27.44	2.22	-
AV	2.4138G	108.46	Inf	-Inf	78.82	3	Horizontal	262	2.23	-	27.43	2.21	-

802.11g-BF_Nss1,(6Mbps)_2TX

2412MHz_TX

18/01/2021



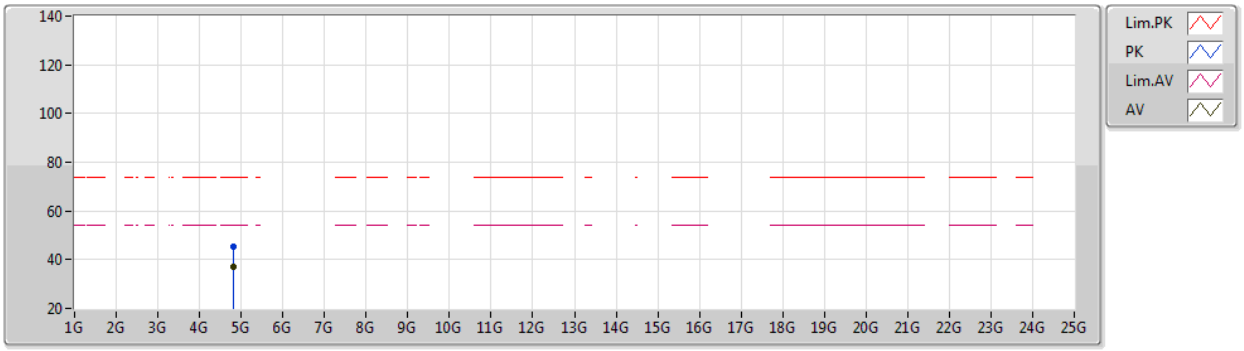
EUT Z_2TX
Setting 23
01-A-G-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.81892G	44.07	74.00	-29.93	41.40	3	Vertical	56	1.03	-	32.21	5.01	34.55
AV	4.82432G	35.98	54.00	-18.02	33.27	3	Vertical	56	1.03	-	32.25	5.01	34.55

802.11g-BF_Nss1,(6Mbps)_2TX

2412MHz_TX

18/01/2021



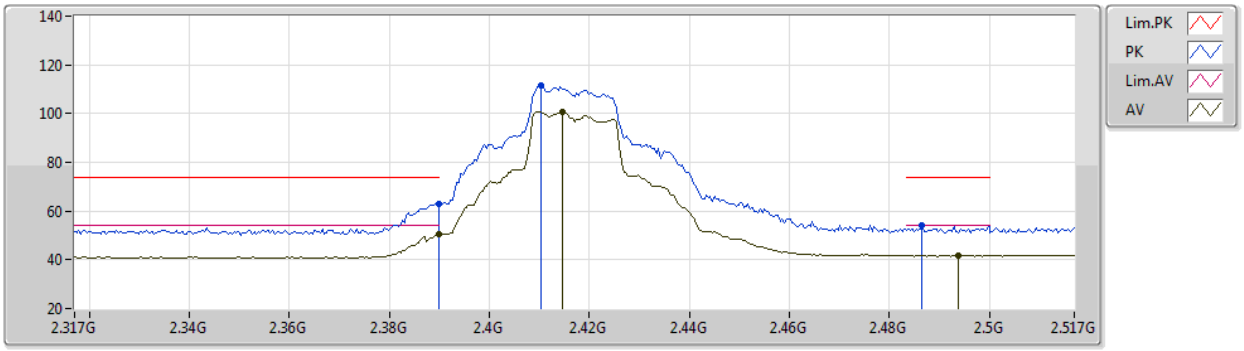
EUT Z_2TX
Setting 23
01-A-G-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82382G	45.22	74.00	-28.78	42.52	3	Horizontal	342	3.00	-	32.24	5.01	34.55
AV	4.82374G	37.31	54.00	-16.69	34.61	3	Horizontal	342	3.00	-	32.24	5.01	34.55

802.11g-BF_Nss1,(6Mbps)_2TX

2417MHz_TX

18/01/2021



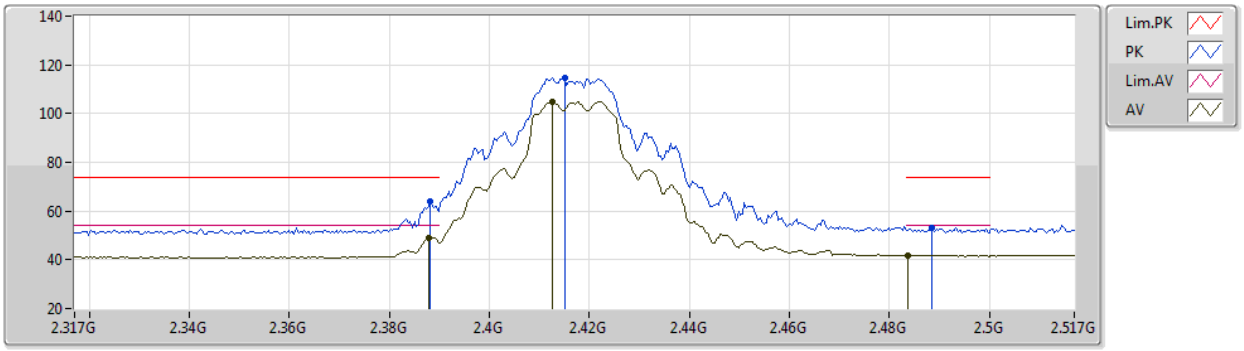
EUT Z_2TX
Setting 26
01-A-G-2

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	62.90	74.00	-11.10	33.33	3	Vertical	25	1.80	-	27.38	2.19	-
AV	2.3898G	50.47	54.00	-3.53	20.90	3	Vertical	25	1.80	-	27.38	2.19	-
PK	2.4102G	111.57	Inf	-Inf	81.94	3	Vertical	25	1.80	-	27.42	2.21	-
AV	2.4146G	100.91	Inf	-Inf	71.27	3	Vertical	25	1.80	-	27.43	2.21	-
PK	2.4866G	53.96	74.00	-20.04	23.95	3	Vertical	25	1.80	-	27.72	2.29	-
AV	2.4938G	41.76	54.00	-12.24	11.71	3	Vertical	25	1.80	-	27.76	2.29	-

802.11g-BF_Nss1,(6Mbps)_2TX

2417MHz_TX

18/01/2021



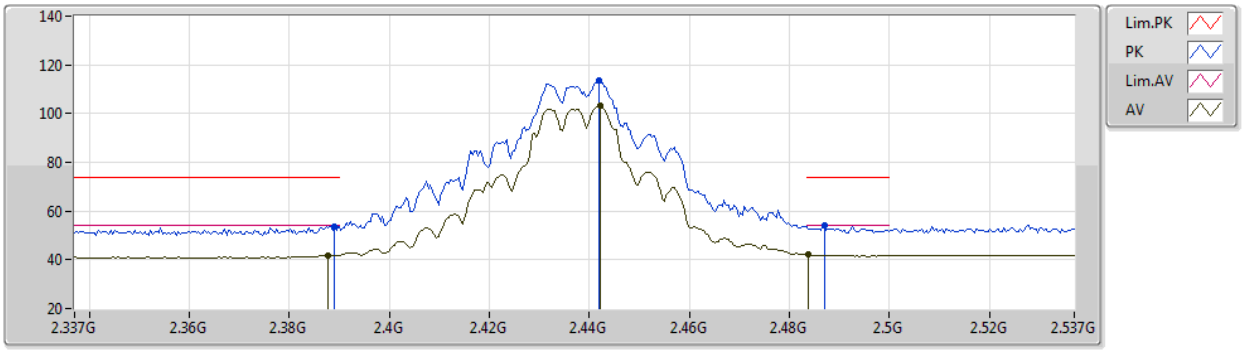
EUT Z_2TX
Setting 26
01-A-G-2

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	63.81	74.00	-10.19	34.24	3	Horizontal	265	2.49	-	27.38	2.19	-
AV	2.3878G	49.13	54.00	-4.87	19.56	3	Horizontal	265	2.49	-	27.38	2.19	-
PK	2.415G	114.62	Inf	-Inf	84.98	3	Horizontal	265	2.49	-	27.43	2.21	-
AV	2.4126G	104.85	Inf	-Inf	75.21	3	Horizontal	265	2.49	-	27.43	2.21	-
PK	2.4886G	53.20	74.00	-20.80	23.18	3	Horizontal	265	2.49	-	27.73	2.29	-
AV	2.4838G	41.82	54.00	-12.18	11.84	3	Horizontal	265	2.49	-	27.70	2.28	-

802.11g-BF_Nss1,(6Mbps)_2TX

2437MHz_TX

18/01/2021



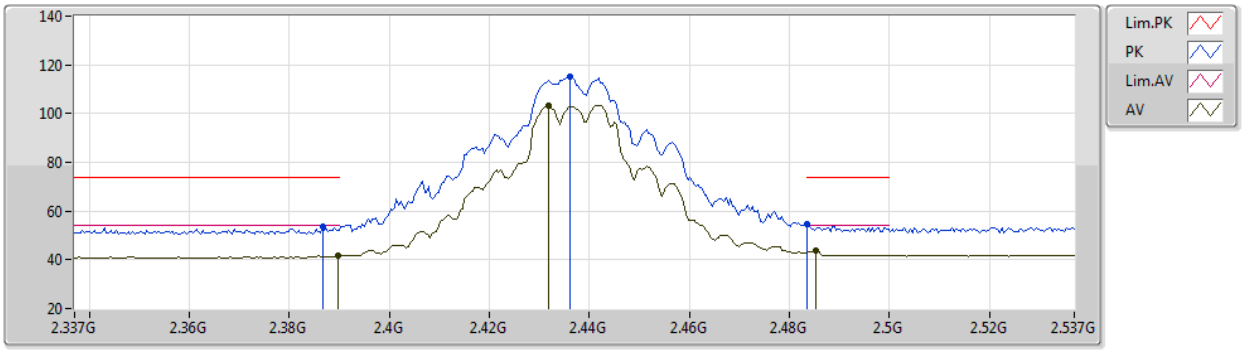
EUT Z_2TX
Setting 26
01-A-G-2

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	53.79	74.00	-20.21	24.22	3	Vertical	159	2.66	-	27.38	2.19	-
AV	2.3878G	41.85	54.00	-12.15	12.28	3	Vertical	159	2.66	-	27.38	2.19	-
PK	2.4418G	113.72	Inf	-Inf	84.00	3	Vertical	159	2.66	-	27.48	2.24	-
AV	2.4422G	103.39	Inf	-Inf	73.67	3	Vertical	159	2.66	-	27.48	2.24	-
PK	2.487G	54.03	74.00	-19.97	24.02	3	Vertical	159	2.66	-	27.72	2.29	-
AV	2.4838G	42.22	54.00	-11.78	12.24	3	Vertical	159	2.66	-	27.70	2.28	-

802.11g-BF_Nss1,(6Mbps)_2TX

2437MHz_TX

18/01/2021



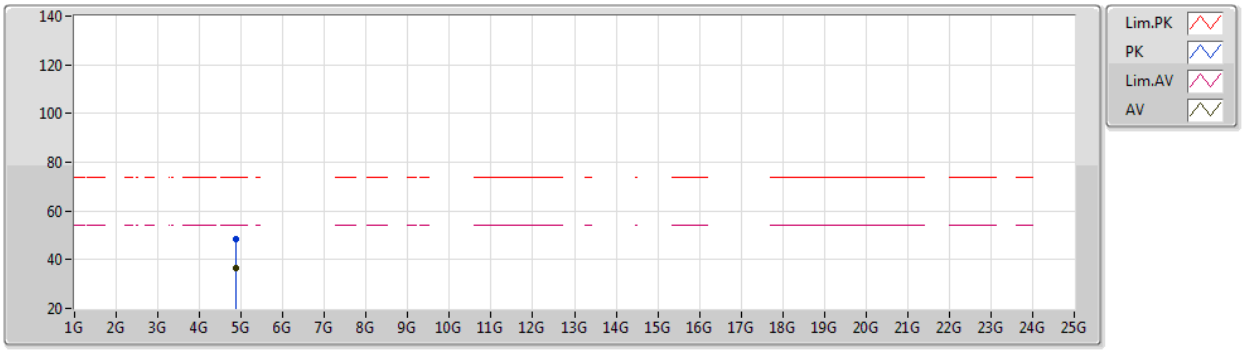
EUT Z_2TX
Setting 26
01-A-G-2

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	53.82	74.00	-20.18	24.26	3	Horizontal	304	1.53	-	27.37	2.19	-
AV	2.3898G	41.58	54.00	-12.42	12.01	3	Horizontal	304	1.53	-	27.38	2.19	-
PK	2.4362G	115.36	Inf	-Inf	85.65	3	Horizontal	304	1.53	-	27.47	2.24	-
AV	2.4318G	103.43	Inf	-Inf	73.74	3	Horizontal	304	1.53	-	27.46	2.23	-
PK	2.4835G	54.43	74.00	-19.57	24.45	3	Horizontal	304	1.53	-	27.70	2.28	-
AV	2.4854G	43.72	54.00	-10.28	13.72	3	Horizontal	304	1.53	-	27.71	2.29	-

802.11g-BF_Nss1,(6Mbps)_2TX

2437MHz_TX

18/01/2021



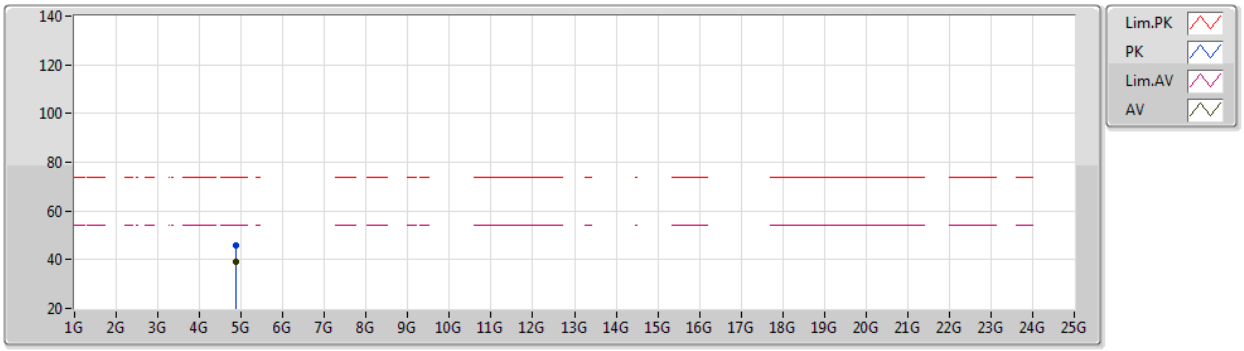
EUT Z_2TX
Setting 26
01-A-G-3

Type	Freq	Level	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	48.56	74.00	-25.44	45.60	3	Vertical	296	1.41	-	32.45	5.04	34.53
AV	4.87444G	36.52	54.00	-17.48	33.56	3	Vertical	296	1.41	-	32.45	5.04	34.53

802.11g-BF_Nss1,(6Mbps)_2TX

2437MHz_TX

18/01/2021



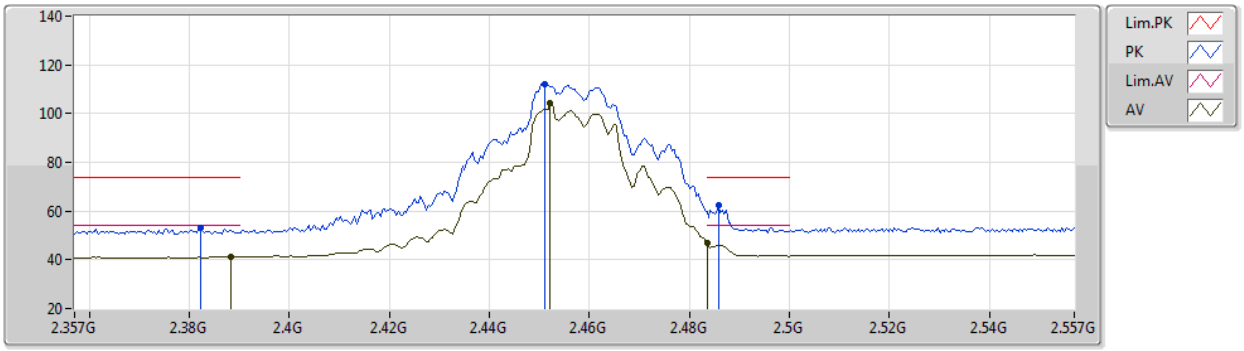
EUT Z_2TX
Setting 26
01-A-G-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87384G	45.78	74.00	-28.22	42.82	3	Horizontal	42	1.80	-	32.45	5.04	34.53
AV	4.87392G	38.90	54.00	-15.10	35.94	3	Horizontal	42	1.80	-	32.45	5.04	34.53

802.11g-BF_Nss1,(6Mbps)_2TX

2457MHz_TX

18/01/2021



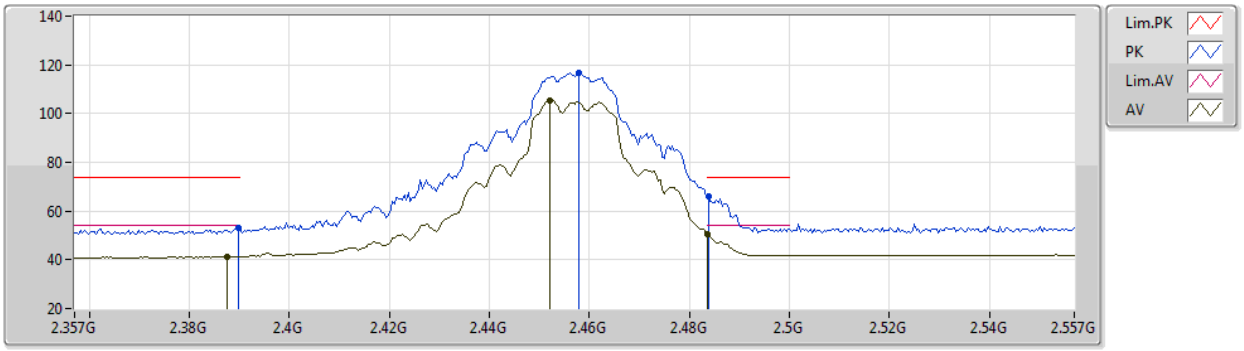
EUT Z_2TX
Setting 26
01-A-G-2

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	2.3822G	52.99	74.00	-21.01	23.45	3	Vertical	240	2.58	-	27.36	2.18	-
AV	2.3882G	41.18	54.00	-12.82	11.61	3	Vertical	240	2.58	-	27.38	2.19	-
PK	2.451G	112.30	Inf	-Inf	82.54	3	Vertical	240	2.58	-	27.51	2.25	-
AV	2.4522G	104.25	Inf	-Inf	74.49	3	Vertical	240	2.58	-	27.51	2.25	-
PK	2.4858G	62.24	74.00	-11.76	32.24	3	Vertical	240	2.58	-	27.71	2.29	-
AV	2.4835G	46.65	54.00	-7.35	16.67	3	Vertical	240	2.58	-	27.70	2.28	-

802.11g-BF_Nss1,(6Mbps)_2TX

2457MHz_TX

18/01/2021



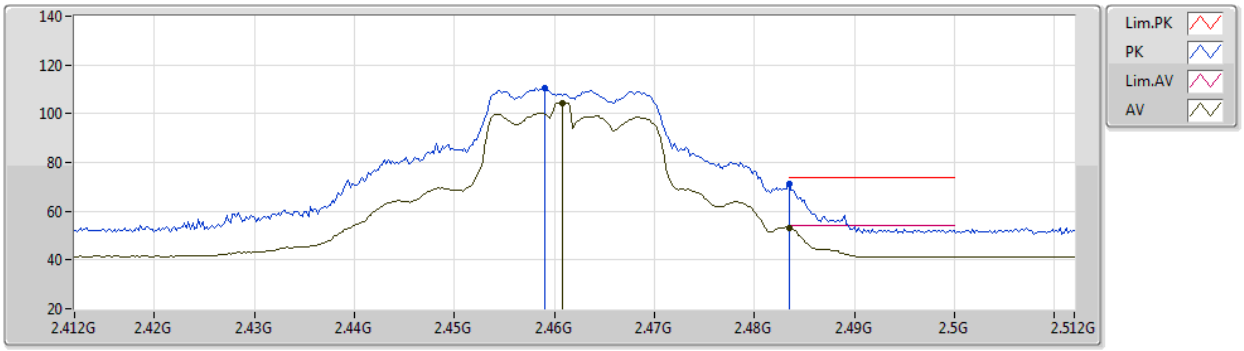
EUT Z_2TX
Setting 26
01-A-G-2

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	53.07	74.00	-20.93	23.50	3	Horizontal	258	2.48	-	27.38	2.19	-
AV	2.3874G	41.44	54.00	-12.56	11.88	3	Horizontal	258	2.48	-	27.37	2.19	-
PK	2.4578G	116.59	Inf	-Inf	86.78	3	Horizontal	258	2.48	-	27.55	2.26	-
AV	2.4522G	105.10	Inf	-Inf	75.34	3	Horizontal	258	2.48	-	27.51	2.25	-
PK	2.4838G	65.80	74.00	-8.20	35.82	3	Horizontal	258	2.48	-	27.70	2.28	-
AV	2.4835G	50.75	54.00	-3.25	20.77	3	Horizontal	258	2.48	-	27.70	2.28	-

802.11g-BF_Nss1,(6Mbps)_2TX

2462MHz_TX

18/01/2021



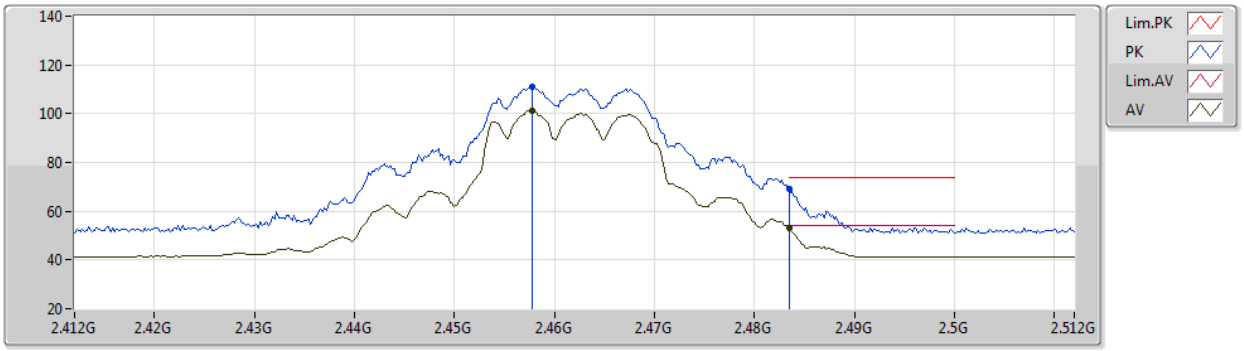
EUT Z_2TX
Setting 21.5
01-A-G-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.459G	110.71	Inf	-Inf	80.90	3	Vertical	44	2.20	-	27.55	2.26	-
AV	2.4608G	104.31	Inf	-Inf	74.49	3	Vertical	44	2.20	-	27.56	2.26	-
PK	2.4835G	71.33	74.00	-2.67	41.35	3	Vertical	44	2.20	-	27.70	2.28	-
AV	2.4835G	52.96	54.00	-1.04	22.98	3	Vertical	44	2.20	-	27.70	2.28	-

802.11g-BF_Nss1,(6Mbps)_2TX

2462MHz_TX

18/01/2021



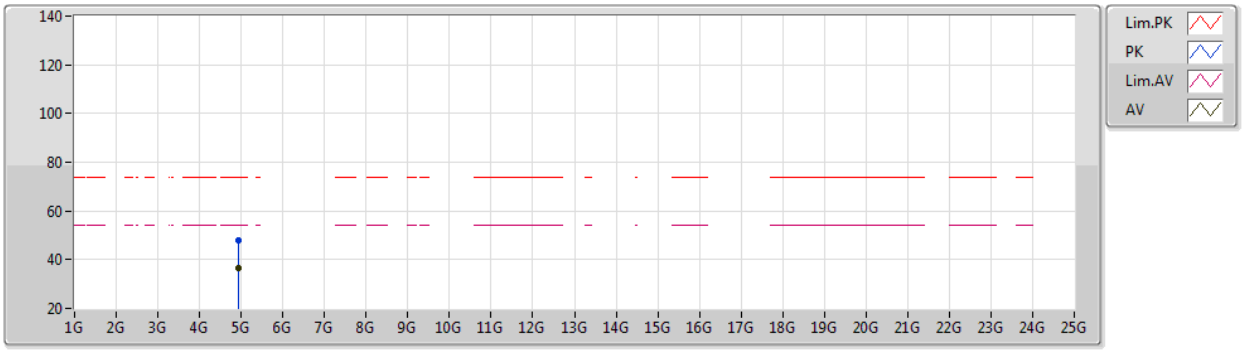
EUT Z_2TX
Setting 21.5
01-A-G-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4578G	110.87	Inf	-Inf	81.06	3	Horizontal	101	1.58	-	27.55	2.26	-
AV	2.4578G	101.33	Inf	-Inf	71.52	3	Horizontal	101	1.58	-	27.55	2.26	-
PK	2.4835G	69.24	74.00	-4.76	39.26	3	Horizontal	101	1.58	-	27.70	2.28	-
AV	2.4835G	53.32	54.00	-0.68	23.34	3	Horizontal	101	1.58	-	27.70	2.28	-

802.11g-BF_Nss1,(6Mbps)_2TX

2462MHz_TX

18/01/2021



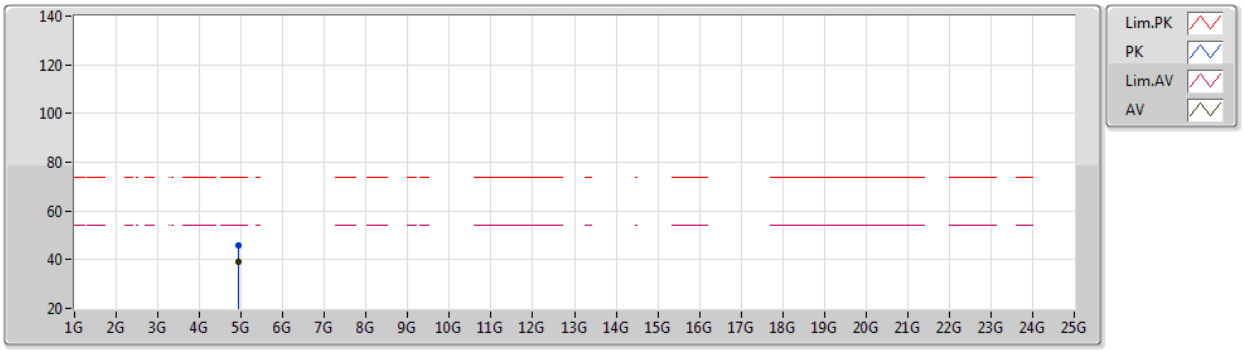
EUT Z_2TX
Setting 21.5
01-A-G-2

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	4.92434G	48.18	74.00	-25.82	44.97	3	Vertical	116	2.77	-	32.65	5.06	34.50
AV	4.92296G	36.74	54.00	-17.26	33.54	3	Vertical	116	2.77	-	32.64	5.06	34.50

802.11g-BF_Nss1,(6Mbps)_2TX

2462MHz_TX

18/01/2021



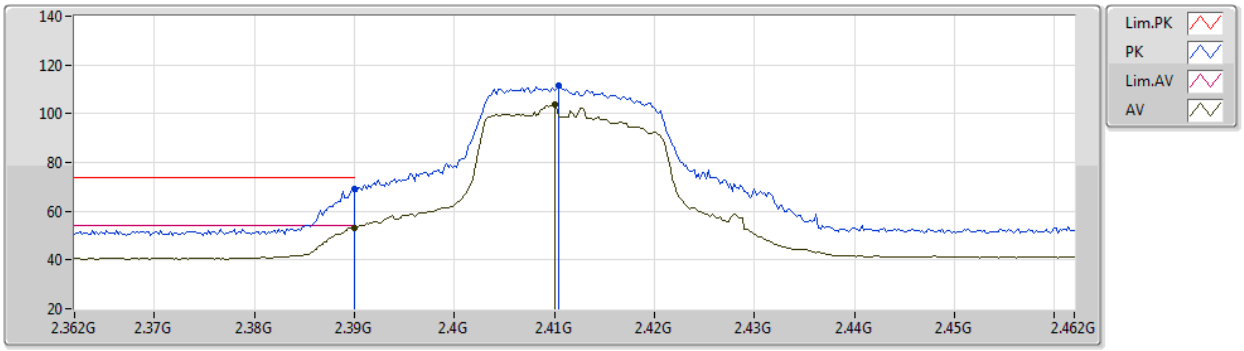
EUT Z_2TX
Setting 21.5
01-A-G-2

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	4.92422G	45.77	74.00	-28.23	42.56	3	Horizontal	127	1.22	-	32.65	5.06	34.50
AV	4.91998G	38.88	54.00	-15.12	35.71	3	Horizontal	127	1.22	-	32.62	5.06	34.51

VHT20-BF_Nss1,(MCS0)_2TX

2412MHz_TX

18/01/2021



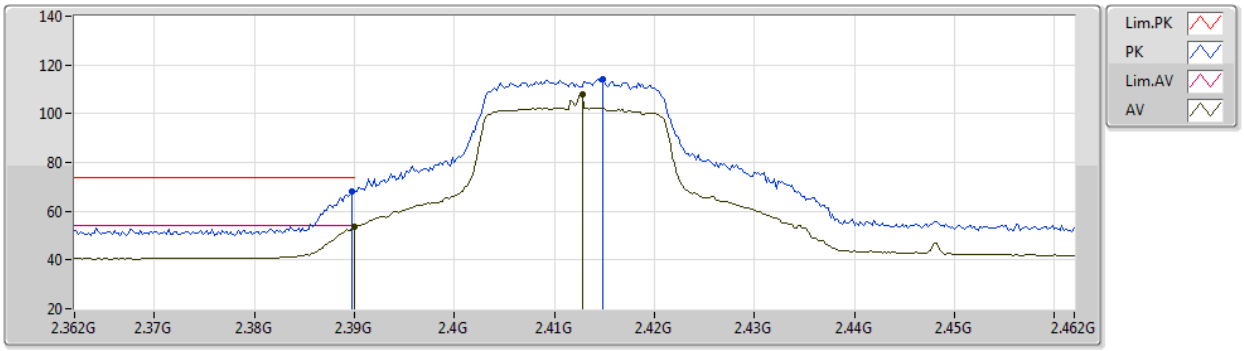
EUT Z_2TX
Setting 22
01-A-G-3

Type	Freq	Level	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	69.17	74.00	-4.83	39.60	3	Vertical	58	1.39	-	27.38	2.19	-
AV	2.39G	53.35	54.00	-0.65	23.78	3	Vertical	58	1.39	-	27.38	2.19	-
PK	2.4104G	111.59	Inf	-Inf	81.96	3	Vertical	58	1.39	-	27.42	2.21	-
AV	2.41G	103.67	Inf	-Inf	74.04	3	Vertical	58	1.39	-	27.42	2.21	-

VHT20-BF_Nss1,(MCS0)_2TX

2412MHz_TX

18/01/2021



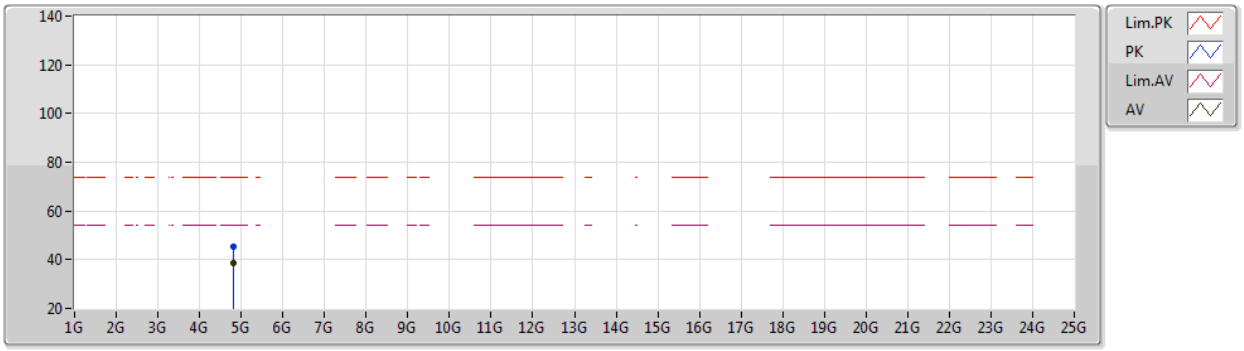
EUT Z_2TX
Setting 22
01-A-G-3

Type	Freq	Level	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	67.98	74.00	-6.02	38.41	3	Horizontal	259	2.83	-	27.38	2.19	-
AV	2.39G	53.57	54.00	-0.43	24.00	3	Horizontal	259	2.83	-	27.38	2.19	-
PK	2.4148G	114.30	Inf	-Inf	84.66	3	Horizontal	259	2.83	-	27.43	2.21	-
AV	2.4128G	108.11	Inf	-Inf	78.47	3	Horizontal	259	2.83	-	27.43	2.21	-

VHT20-BF_Nss1,(MCS0)_2TX

2412MHz_TX

18/01/2021



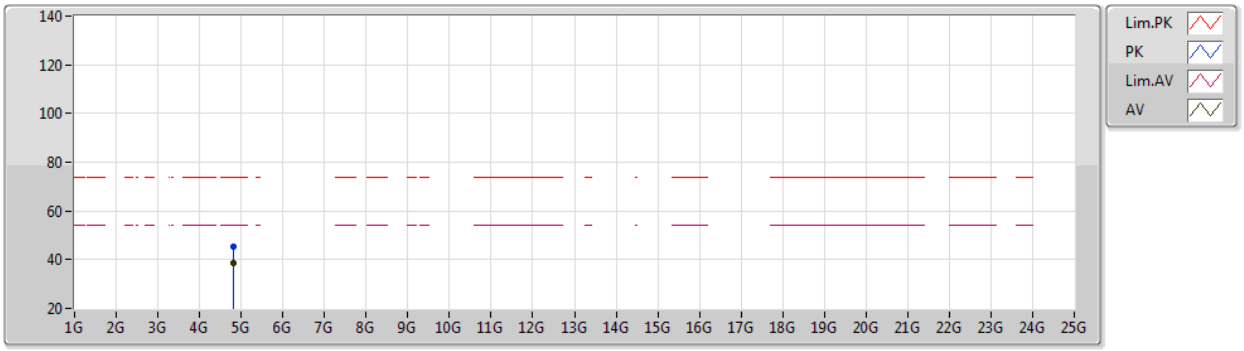
EUT Z_2TX
Setting 22
01-A-G-2

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	4.8225G	45.12	74.00	-28.88	42.43	3	Vertical	48	2.48	-	32.23	5.01	34.55
AV	4.82194G	38.51	54.00	-15.49	35.82	3	Vertical	48	2.48	-	32.23	5.01	34.55

VHT20-BF_Nss1,(MCS0)_2TX

2412MHz_TX

18/01/2021



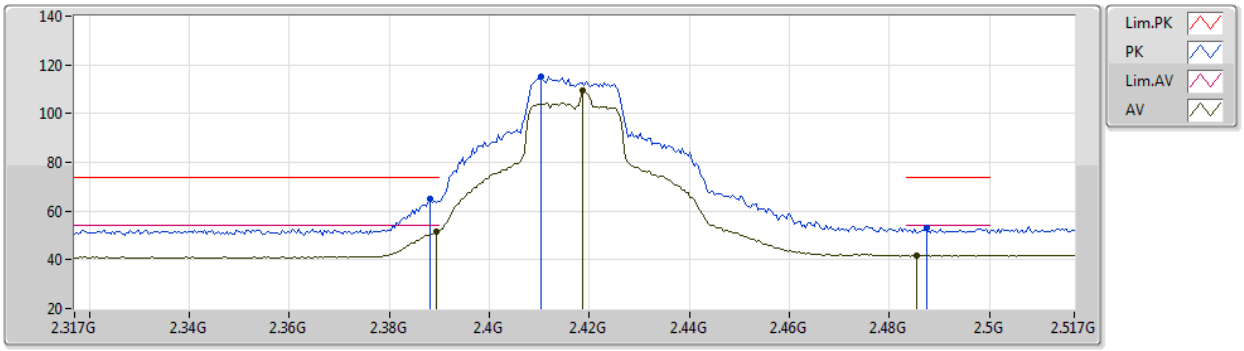
EUT Z_2TX
Setting 22
01-A-G-2

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	4.82352G	45.54	74.00	-28.46	42.84	3	Horizontal	355	2.85	-	32.24	5.01	34.55
AV	4.82168G	38.54	54.00	-15.46	35.85	3	Horizontal	355	2.85	-	32.23	5.01	34.55

VHT20-BF_Nss1,(MCS0)_2TX

2417MHz_TX

18/01/2021



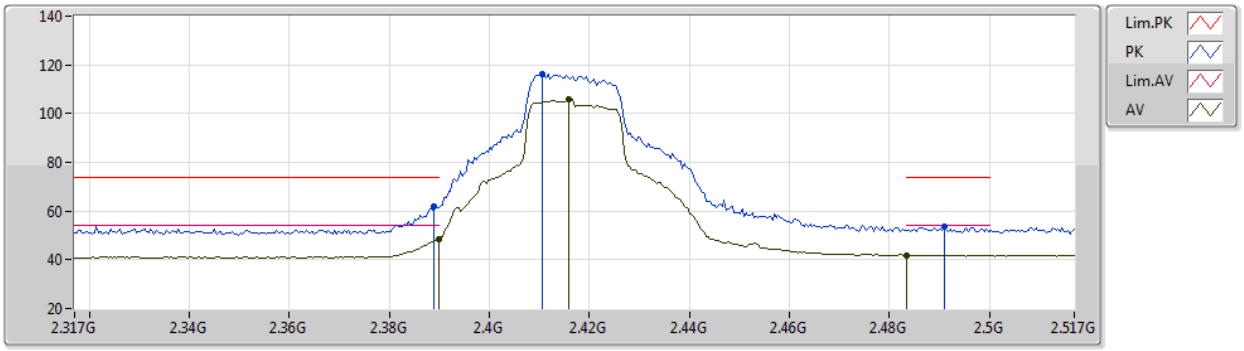
EUT Z_2TX
Setting 26
01-A-G-3

Type	Freq	Level	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	65.18	74.00	-8.82	35.61	3	Vertical	34	2.58	-	27.38	2.19	-
AV	2.3894G	51.31	54.00	-2.69	21.74	3	Vertical	34	2.58	-	27.38	2.19	-
PK	2.4102G	115.08	Inf	-Inf	85.45	3	Vertical	34	2.58	-	27.42	2.21	-
AV	2.4186G	109.56	Inf	-Inf	79.90	3	Vertical	34	2.58	-	27.44	2.22	-
PK	2.4874G	52.93	74.00	-21.07	22.92	3	Vertical	34	2.58	-	27.72	2.29	-
AV	2.4854G	41.73	54.00	-12.27	11.73	3	Vertical	34	2.58	-	27.71	2.29	-

VHT20-BF_Nss1,(MCS0)_2TX

2417MHz_TX

18/01/2021



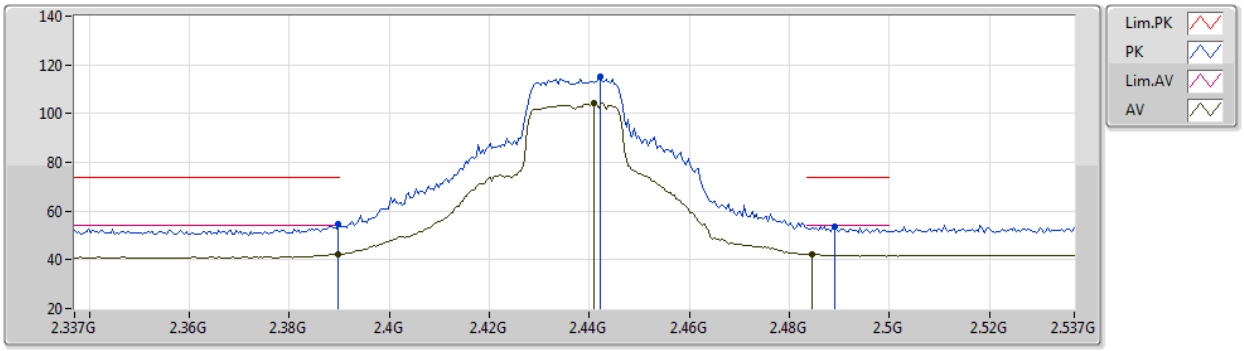
EUT Z_2TX
Setting 26
01-A-G-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.389G	62.02	74.00	-11.98	32.45	3	Horizontal	257	2.89	-	27.38	2.19	-
AV	2.3898G	48.24	54.00	-5.76	18.67	3	Horizontal	257	2.89	-	27.38	2.19	-
PK	2.4106G	116.02	Inf	-Inf	86.39	3	Horizontal	257	2.89	-	27.42	2.21	-
AV	2.4158G	105.88	Inf	-Inf	76.23	3	Horizontal	257	2.89	-	27.43	2.22	-
PK	2.491G	53.57	74.00	-20.43	23.53	3	Horizontal	257	2.89	-	27.75	2.29	-
AV	2.4835G	41.90	54.00	-12.10	11.92	3	Horizontal	257	2.89	-	27.70	2.28	-

VHT20-BF_Nss1,(MCS0)_2TX

2437MHz_TX

18/01/2021



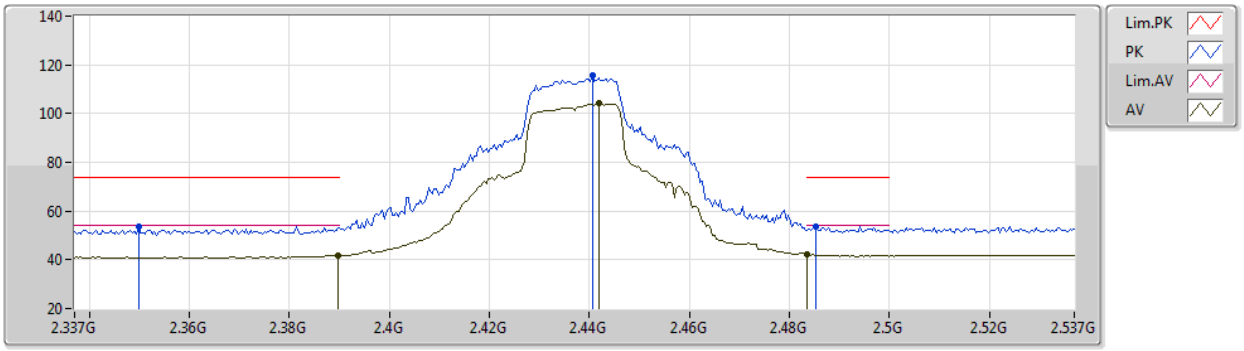
EUT Z_2TX
Setting 26
01-A-G-2

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	54.46	74.00	-19.54	24.89	3	Vertical	46	2.55	-	27.38	2.19	-
AV	2.3898G	42.17	54.00	-11.83	12.60	3	Vertical	46	2.55	-	27.38	2.19	-
PK	2.4422G	115.11	Inf	-Inf	85.39	3	Vertical	46	2.55	-	27.48	2.24	-
AV	2.441G	104.25	Inf	-Inf	74.53	3	Vertical	46	2.55	-	27.48	2.24	-
PK	2.489G	53.80	74.00	-20.20	23.78	3	Vertical	46	2.55	-	27.73	2.29	-
AV	2.4846G	42.43	54.00	-11.57	12.44	3	Vertical	46	2.55	-	27.71	2.28	-

VHT20-BF_Nss1,(MCS0)_2TX

2437MHz_TX

18/01/2021



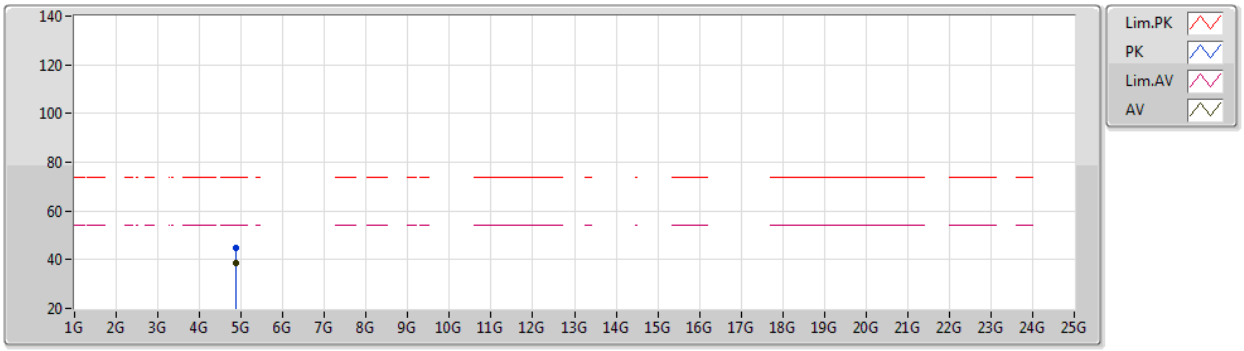
EUT Z_2TX
Setting 26
01-A-G-2

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	2.3498G	53.59	74.00	-20.41	24.14	3	Horizontal	92	1.82	-	27.30	2.15	-
AV	2.3898G	41.70	54.00	-12.30	12.13	3	Horizontal	92	1.82	-	27.38	2.19	-
PK	2.4406G	115.49	Inf	-Inf	85.77	3	Horizontal	92	1.82	-	27.48	2.24	-
AV	2.4418G	104.09	Inf	-Inf	74.37	3	Horizontal	92	1.82	-	27.48	2.24	-
PK	2.4854G	53.77	74.00	-20.23	23.77	3	Horizontal	92	1.82	-	27.71	2.29	-
AV	2.4835G	42.50	54.00	-11.50	12.52	3	Horizontal	92	1.82	-	27.70	2.28	-

VHT20-BF_Nss1,(MCS0)_2TX

2437MHz_TX

18/01/2021



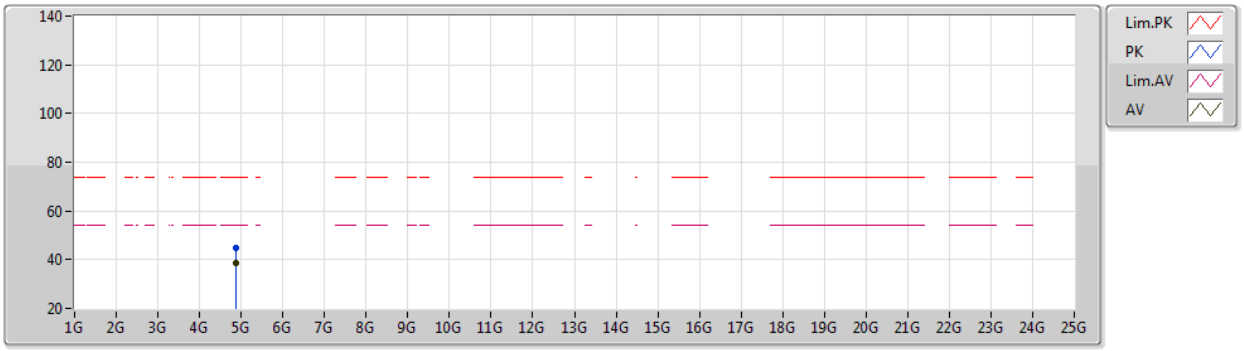
EUT Z_2TX
Setting 26
01-A-G-2

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	4.87644G	45.05	74.00	-28.95	42.08	3	Vertical	312	2.52	-	32.45	5.04	34.52
AV	4.87269G	38.50	54.00	-15.50	35.54	3	Vertical	312	2.52	-	32.45	5.04	34.53

VHT20-BF_Nss1,(MCS0)_2TX

2437MHz_TX

18/01/2021



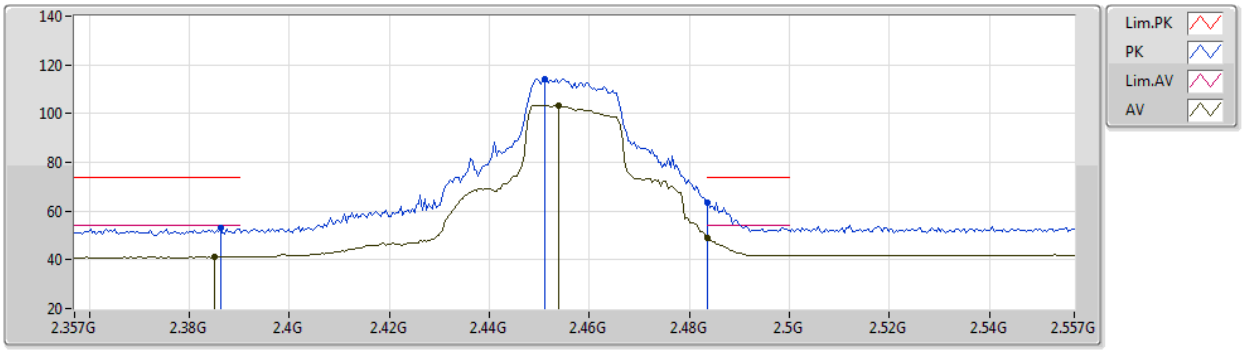
EUT Z_2TX
Setting 26
01-A-G-2

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	4.87355G	45.02	74.00	-28.98	42.06	3	Horizontal	170	1.60	-	32.45	5.04	34.53
AV	4.87368G	38.60	54.00	-15.40	35.64	3	Horizontal	170	1.60	-	32.45	5.04	34.53

VHT20-BF_Nss1,(MCS0)_2TX

2457MHz_TX

18/01/2021



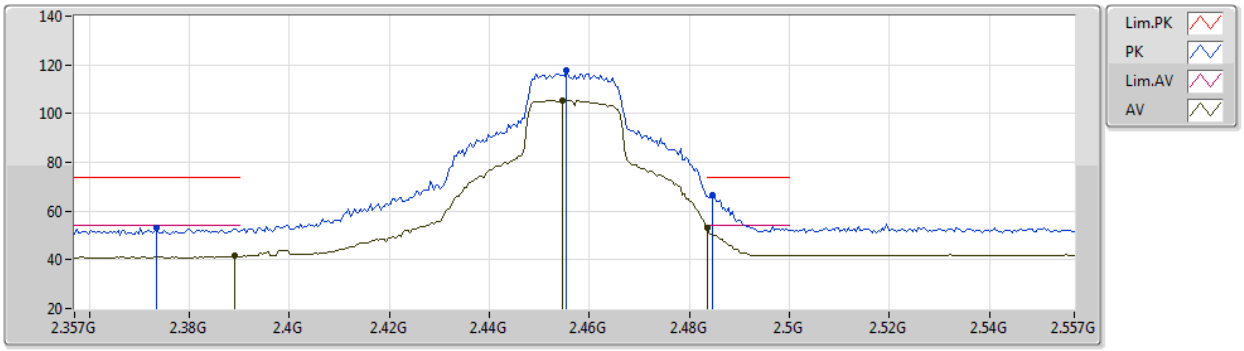
EUT Z_2TX
Setting 26
01-A-G-2

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	2.3862G	52.91	74.00	-21.09	23.35	3	Vertical	131	1.57	-	27.37	2.19	-
AV	2.385G	41.24	54.00	-12.76	11.68	3	Vertical	131	1.57	-	27.37	2.19	-
PK	2.451G	114.24	Inf	-Inf	84.48	3	Vertical	131	1.57	-	27.51	2.25	-
AV	2.4538G	103.33	Inf	-Inf	73.56	3	Vertical	131	1.57	-	27.52	2.25	-
PK	2.4835G	63.34	74.00	-10.66	33.36	3	Vertical	131	1.57	-	27.70	2.28	-
AV	2.4835G	49.14	54.00	-4.86	19.16	3	Vertical	131	1.57	-	27.70	2.28	-

VHT20-BF_Nss1,(MCS0)_2TX

2457MHz_TX

18/01/2021



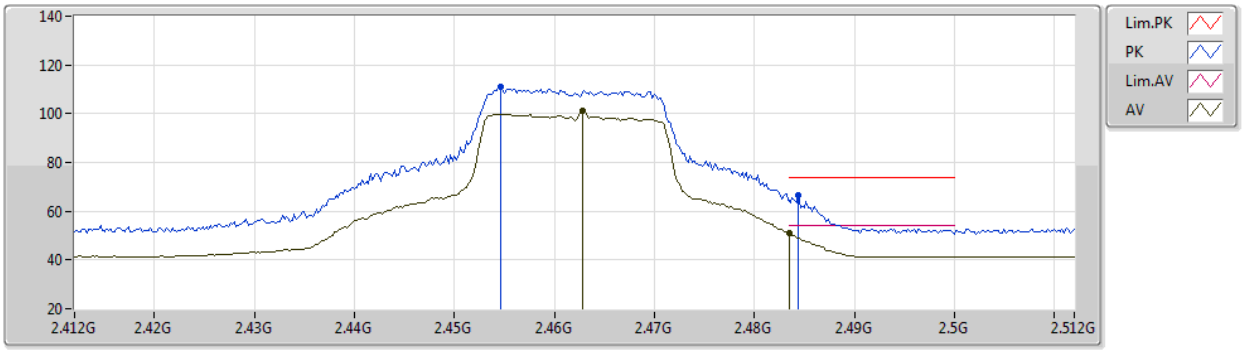
EUT Z_2TX
Setting 26
01-A-G-2

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	2.3734G	53.33	74.00	-20.67	23.81	3	Horizontal	267	2.82	-	27.35	2.17	-
AV	2.389G	41.54	54.00	-12.46	11.97	3	Horizontal	267	2.82	-	27.38	2.19	-
PK	2.4554G	117.62	Inf	-Inf	87.83	3	Horizontal	267	2.82	-	27.53	2.26	-
AV	2.4546G	105.44	Inf	-Inf	75.66	3	Horizontal	267	2.82	-	27.53	2.25	-
PK	2.4846G	66.64	74.00	-7.36	36.65	3	Horizontal	267	2.82	-	27.71	2.28	-
AV	2.4835G	52.98	54.00	-1.02	23.00	3	Horizontal	267	2.82	-	27.70	2.28	-

VHT20-BF_Nss1,(MCS0)_2TX

2462MHz_TX

18/01/2021



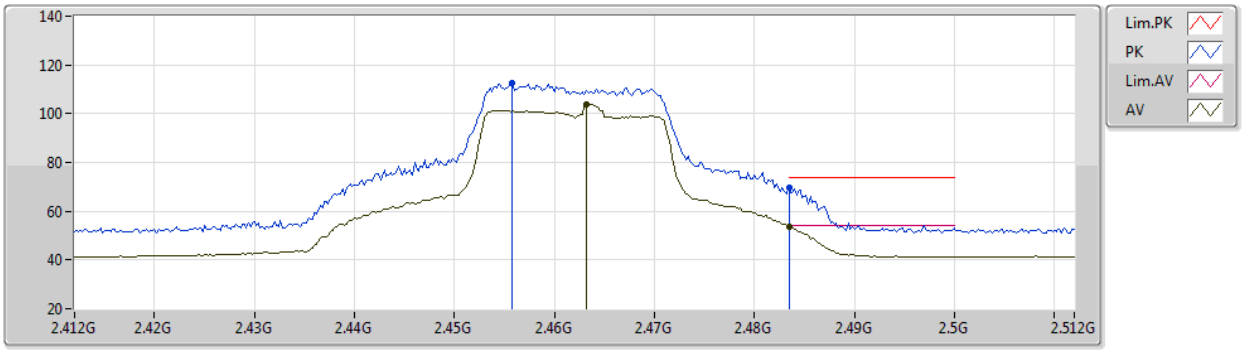
EUT Z_2TX
Setting 21
01-A-G-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4546G	110.91	Inf	-Inf	81.13	3	Vertical	46	1.80	-	27.53	2.25	-
AV	2.4628G	101.04	Inf	-Inf	71.20	3	Vertical	46	1.80	-	27.58	2.26	-
PK	2.4844G	66.73	74.00	-7.27	36.74	3	Vertical	46	1.80	-	27.71	2.28	-
AV	2.4835G	51.23	54.00	-2.77	21.25	3	Vertical	46	1.80	-	27.70	2.28	-

VHT20-BF_Nss1,(MCS0)_2TX

2462MHz_TX

18/01/2021



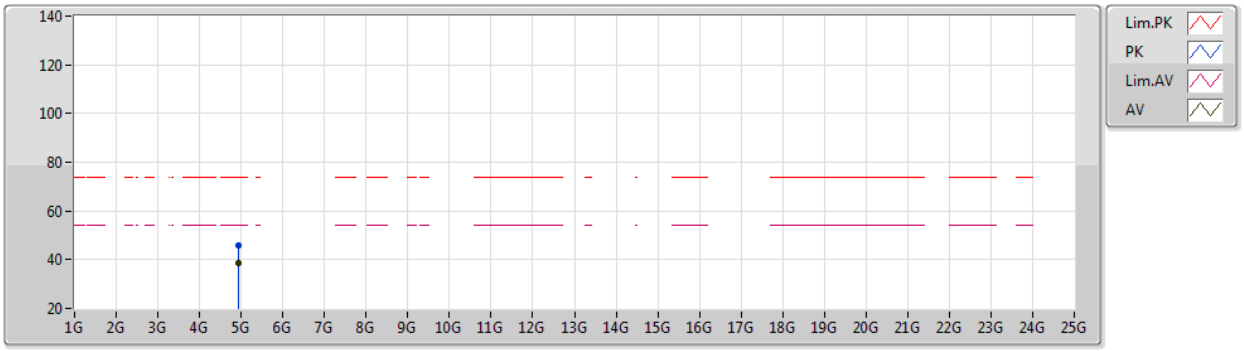
EUT Z_2TX
Setting 21
01-A-G-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4558G	112.57	Inf	-Inf	82.78	3	Horizontal	307	2.62	-	27.53	2.26	-
AV	2.4632G	104.04	Inf	-Inf	74.20	3	Horizontal	307	2.62	-	27.58	2.26	-
PK	2.4835G	69.46	74.00	-4.54	39.48	3	Horizontal	307	2.62	-	27.70	2.28	-
AV	2.4835G	53.84	54.00	-0.16	23.86	3	Horizontal	307	2.62	-	27.70	2.28	-

VHT20-BF_Nss1,(MCS0)_2TX

2462MHz_TX

18/01/2021



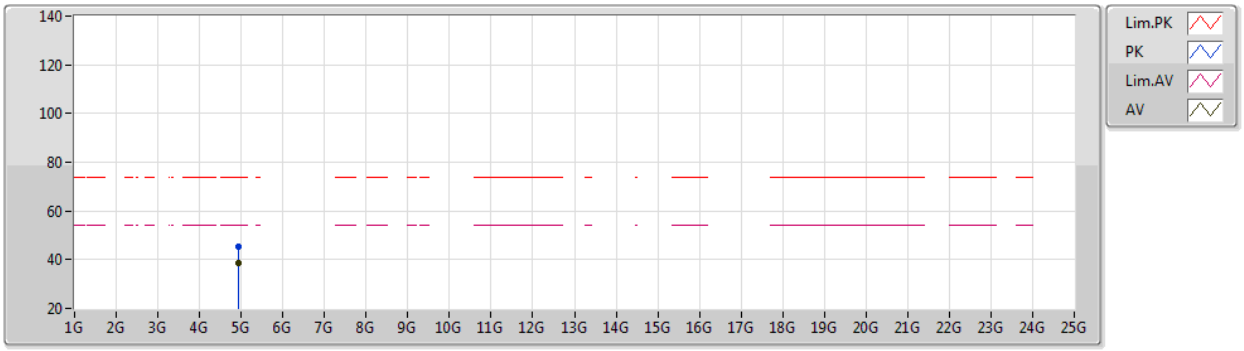
EUT Z_2TX
Setting 21
01-A-G-2

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	4.92235G	45.71	74.00	-28.29	42.52	3	Vertical	134	1.09	-	32.63	5.06	34.50
AV	4.92199G	38.72	54.00	-15.28	35.53	3	Vertical	134	1.09	-	32.63	5.06	34.50

VHT20-BF_Nss1,(MCS0)_2TX

2462MHz_TX

18/01/2021



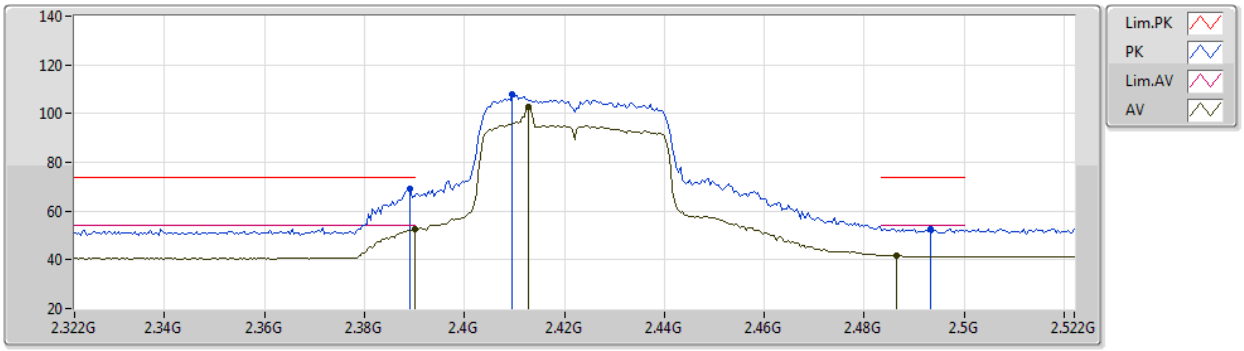
EUT Z_2TX
Setting 21
01-A-G-2

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	4.92218G	45.44	74.00	-28.56	42.25	3	Horizontal	207	1.95	-	32.63	5.06	34.50
AV	4.92581G	38.65	54.00	-15.35	35.44	3	Horizontal	207	1.95	-	32.65	5.06	34.50

VHT40-BF_Nss1,(MCS0)_2TX

2422MHz_TX

18/01/2021



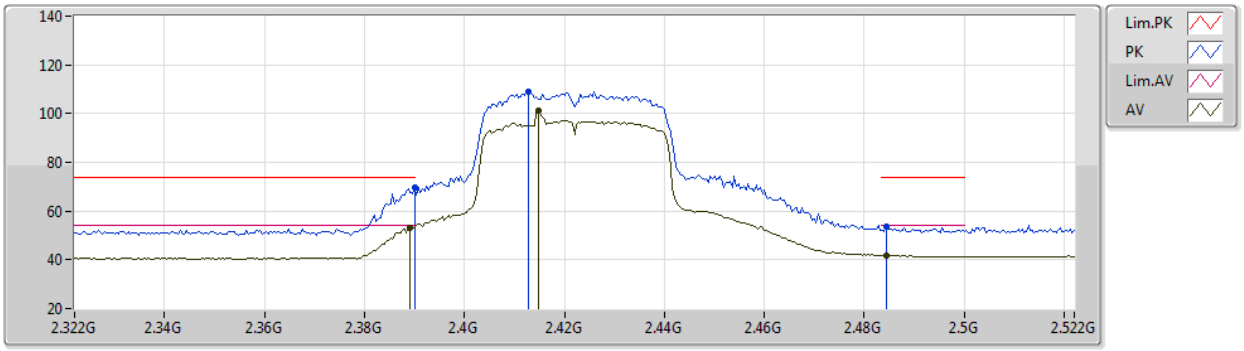
EUT Z_2TX
Setting 21.5
01-A-G-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3892G	68.98	74.00	-5.02	39.41	3	Vertical	6	1.80	-	27.38	2.19	-
AV	2.39G	52.81	54.00	-1.19	23.24	3	Vertical	6	1.80	-	27.38	2.19	-
PK	2.4096G	107.94	Inf	-Inf	78.31	3	Vertical	6	1.80	-	27.42	2.21	-
AV	2.4128G	102.56	Inf	-Inf	72.92	3	Vertical	6	1.80	-	27.43	2.21	-
PK	2.4932G	52.79	74.00	-21.21	22.74	3	Vertical	6	1.80	-	27.76	2.29	-
AV	2.4864G	41.81	54.00	-12.19	11.80	3	Vertical	6	1.80	-	27.72	2.29	-

VHT40-BF_Nss1,(MCS0)_2TX

2422MHz_TX

18/01/2021



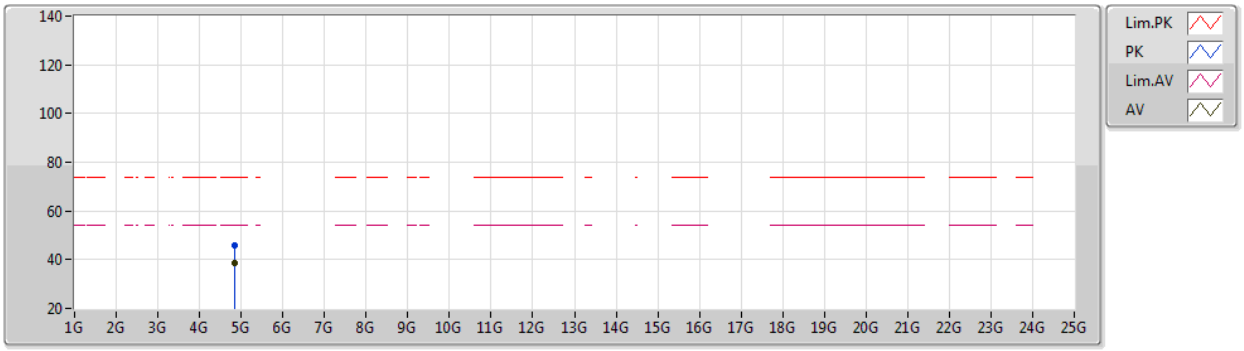
EUT Z_2TX
Setting 21.5
01-A-G-3

Type	Freq	Level	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	69.69	74.00	-4.31	40.12	3	Horizontal	310	1.00	-	27.38	2.19	-
AV	2.3892G	53.30	54.00	-0.70	23.73	3	Horizontal	310	1.00	-	27.38	2.19	-
PK	2.4128G	108.79	Inf	-Inf	79.15	3	Horizontal	310	1.00	-	27.43	2.21	-
AV	2.4148G	101.09	Inf	-Inf	71.45	3	Horizontal	310	1.00	-	27.43	2.21	-
PK	2.4844G	53.78	74.00	-20.22	23.79	3	Horizontal	310	1.00	-	27.71	2.28	-
AV	2.4844G	41.81	54.00	-12.19	11.82	3	Horizontal	310	1.00	-	27.71	2.28	-

VHT40-BF_Nss1,(MCS0)_2TX

2422MHz_TX

18/01/2021



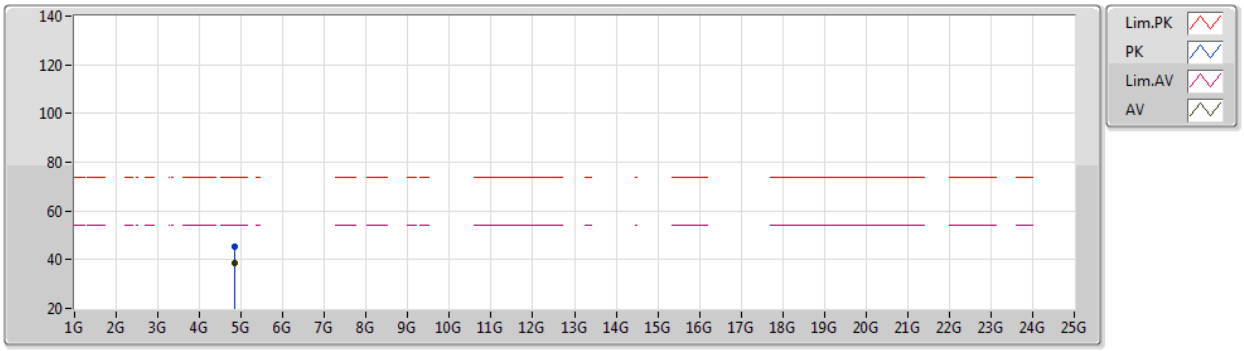
EUT Z_2TX
Setting 21.5
01-A-G-2

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	4.84309G	45.90	74.00	-28.10	43.06	3	Vertical	104	2.21	-	32.36	5.02	34.54
AV	4.84439G	38.60	54.00	-15.40	35.75	3	Vertical	104	2.21	-	32.37	5.02	34.54

VHT40-BF_Nss1,(MCS0)_2TX

2422MHz_TX

18/01/2021



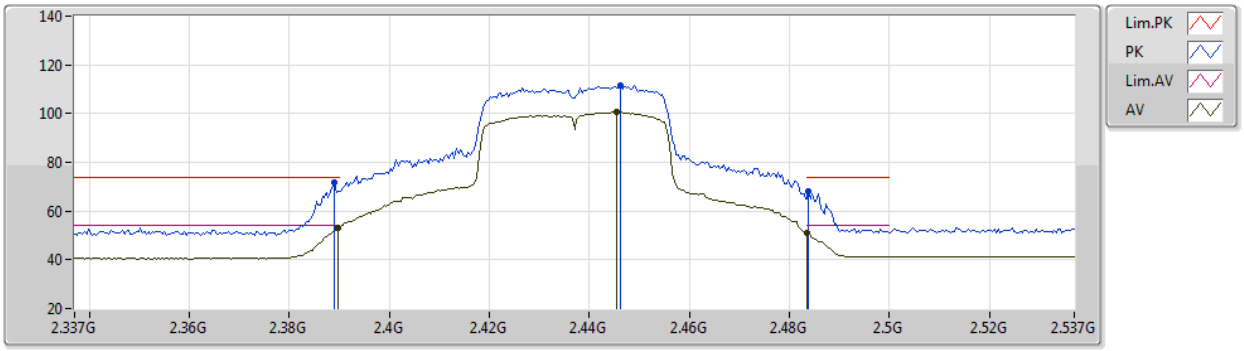
EUT Z_2TX
Setting 21.5
01-A-G-2

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	4.84464G	45.54	74.00	-28.46	42.69	3	Horizontal	232	2.75	-	32.37	5.02	34.54
AV	4.84462G	38.60	54.00	-15.40	35.75	3	Horizontal	232	2.75	-	32.37	5.02	34.54

VHT40-BF_Nss1,(MCS0)_2TX

2437MHz_TX

18/01/2021



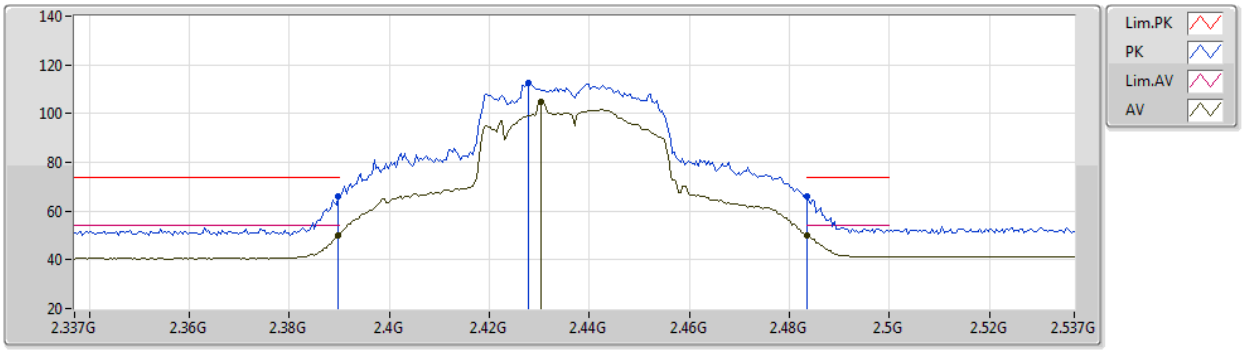
EUT Z_2TX
Setting 23.5
01-A-G-3

Type	Freq	Level	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	71.47	74.00	-2.53	41.90	3	Vertical	46	2.39	-	27.38	2.19	-
AV	2.3898G	52.99	54.00	-1.01	23.42	3	Vertical	46	2.39	-	27.38	2.19	-
PK	2.4462G	111.41	Inf	-Inf	81.67	3	Vertical	46	2.39	-	27.49	2.25	-
AV	2.4454G	100.59	Inf	-Inf	70.85	3	Vertical	46	2.39	-	27.49	2.25	-
PK	2.4838G	68.24	74.00	-5.76	38.26	3	Vertical	46	2.39	-	27.70	2.28	-
AV	2.4835G	50.98	54.00	-3.02	21.00	3	Vertical	46	2.39	-	27.70	2.28	-

VHT40-BF_Nss1,(MCS0)_2TX

2437MHz_TX

18/01/2021



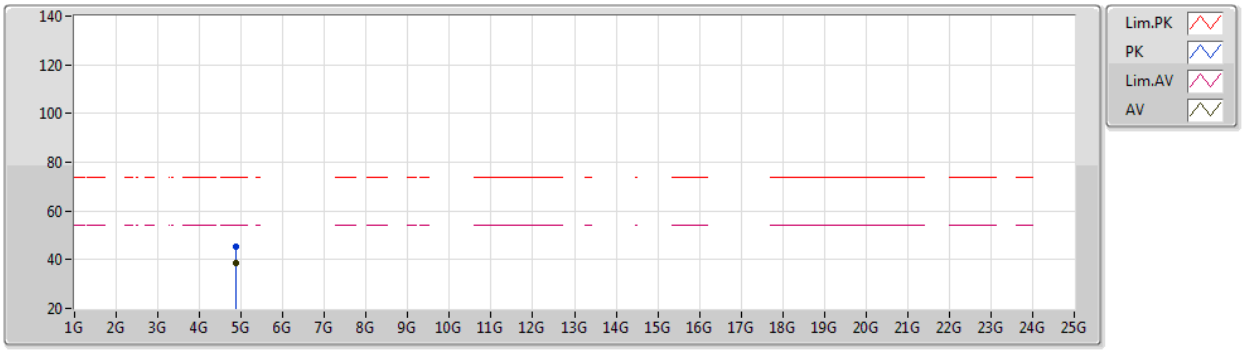
EUT Z_2TX
Setting 23.5
01-A-G-3

Type	Freq	Level	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	66.26	74.00	-7.74	36.69	3	Horizontal	269	2.51	-	27.38	2.19	-
AV	2.3898G	50.19	54.00	-3.81	20.62	3	Horizontal	269	2.51	-	27.38	2.19	-
PK	2.4278G	112.43	Inf	-Inf	82.74	3	Horizontal	269	2.51	-	27.46	2.23	-
AV	2.4302G	105.05	Inf	-Inf	75.36	3	Horizontal	269	2.51	-	27.46	2.23	-
PK	2.4835G	66.23	74.00	-7.77	36.25	3	Horizontal	269	2.51	-	27.70	2.28	-
AV	2.4835G	49.92	54.00	-4.08	19.94	3	Horizontal	269	2.51	-	27.70	2.28	-

VHT40-BF_Nss1,(MCS0)_2TX

2437MHz_TX

18/01/2021



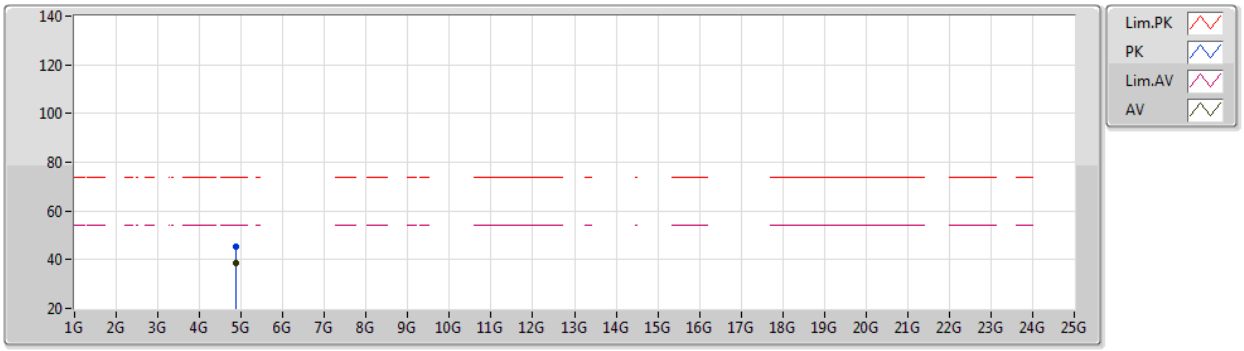
EUT Z_2TX
Setting 23.5
01-A-G-2

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	4.87338G	45.50	74.00	-28.50	42.54	3	Vertical	21	1.82	-	32.45	5.04	34.53
AV	4.87331G	38.54	54.00	-15.46	35.58	3	Vertical	21	1.82	-	32.45	5.04	34.53

VHT40-BF_Nss1,(MCS0)_2TX

2437MHz_TX

18/01/2021



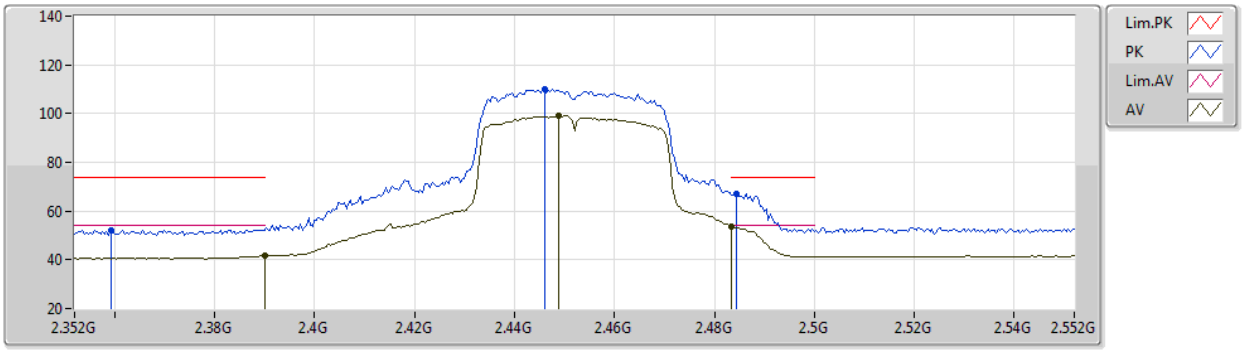
EUT Z_2TX
Setting 23.5
01-A-G-2

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	4.87438G	45.43	74.00	-28.57	42.47	3	Horizontal	274	1.79	-	32.45	5.04	34.53
AV	4.87382G	38.59	54.00	-15.41	35.63	3	Horizontal	274	1.79	-	32.45	5.04	34.53

VHT40-BF_Nss1,(MCS0)_2TX

2452MHz_TX

18/01/2021



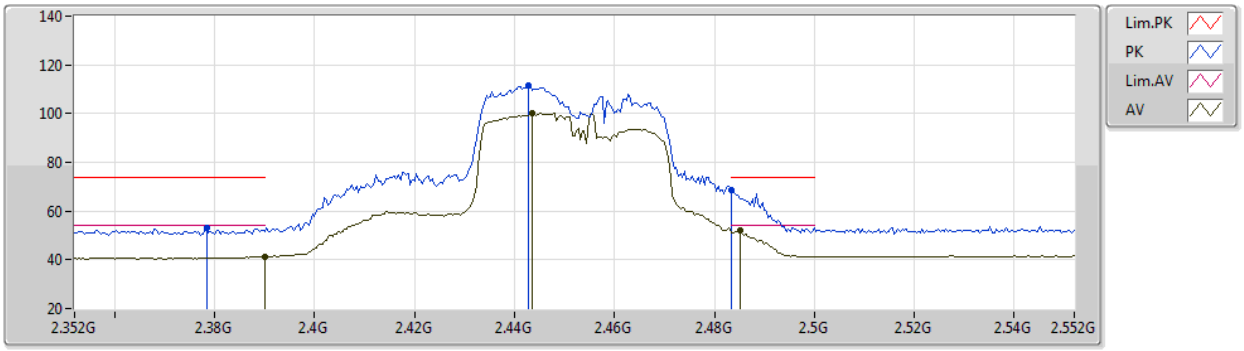
EUT Z_2TX
Setting 21
01-A-G-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3592G	52.29	74.00	-21.71	22.81	3	Vertical	43	3.00	-	27.32	2.16	-
AV	2.39G	41.58	54.00	-12.42	12.01	3	Vertical	43	3.00	-	27.38	2.19	-
PK	2.446G	110.04	Inf	-Inf	80.30	3	Vertical	43	3.00	-	27.49	2.25	-
AV	2.4488G	99.09	Inf	-Inf	69.34	3	Vertical	43	3.00	-	27.50	2.25	-
PK	2.4844G	67.29	74.00	-6.71	37.30	3	Vertical	43	3.00	-	27.71	2.28	-
AV	2.4835G	53.41	54.00	-0.59	23.43	3	Vertical	43	3.00	-	27.70	2.28	-

VHT40-BF_Nss1,(MCS0)_2TX

2452MHz_TX

18/01/2021



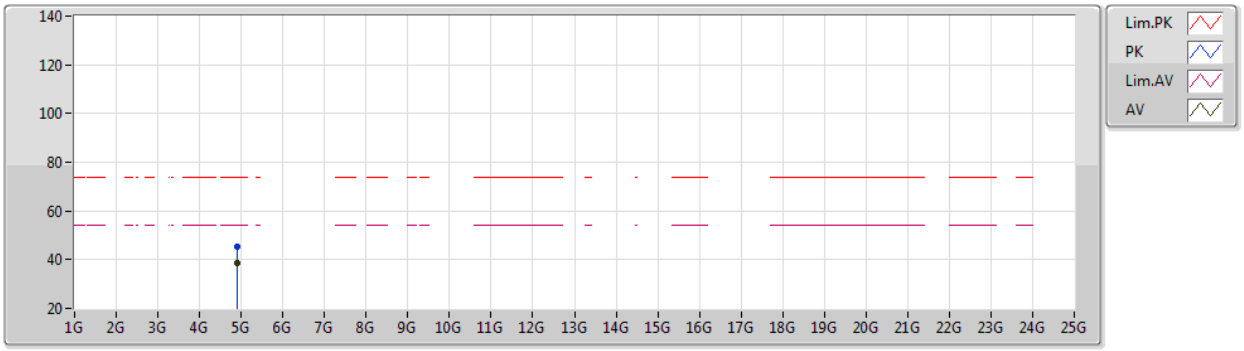
EUT Z_2TX
Setting 21
01-A-G-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3784G	53.04	74.00	-20.96	23.50	3	Horizontal	277	2.72	-	27.36	2.18	-
AV	2.39G	41.31	54.00	-12.69	11.74	3	Horizontal	277	2.72	-	27.38	2.19	-
PK	2.4428G	111.67	Inf	-Inf	81.94	3	Horizontal	277	2.72	-	27.49	2.24	-
AV	2.4436G	100.40	Inf	-Inf	70.67	3	Horizontal	277	2.72	-	27.49	2.24	-
PK	2.4835G	68.60	74.00	-5.40	38.62	3	Horizontal	277	2.72	-	27.70	2.28	-
AV	2.4852G	52.08	54.00	-1.92	22.08	3	Horizontal	277	2.72	-	27.71	2.29	-

VHT40-BF_Nss1,(MCS0)_2TX

2452MHz_TX

18/01/2021



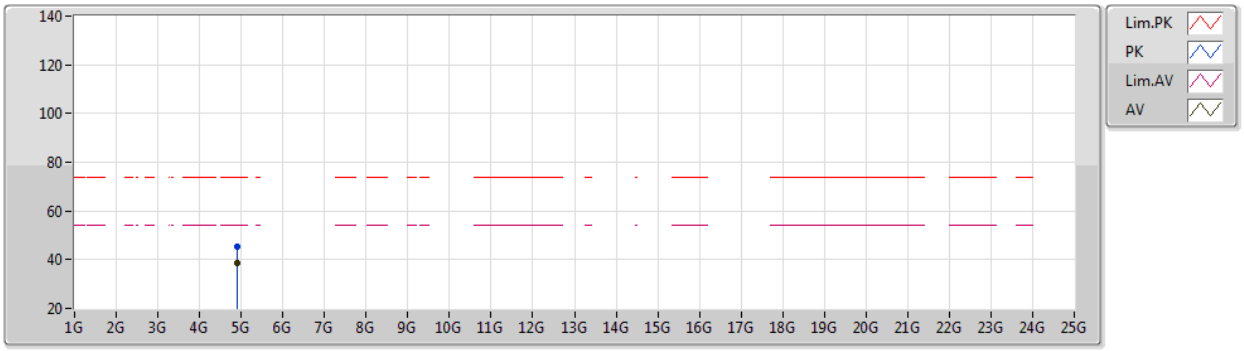
EUT Z_2TX
Setting 21
01-A-G-2

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	4.90354G	45.43	74.00	-28.57	42.37	3	Vertical	119	2.84	-	32.52	5.05	34.51
AV	4.90348G	38.75	54.00	-15.25	35.69	3	Vertical	119	2.84	-	32.52	5.05	34.51

VHT40-BF_Nss1,(MCS0)_2TX

2452MHz_TX

18/01/2021



EUT Z_2TX
Setting 21
01-A-G-2

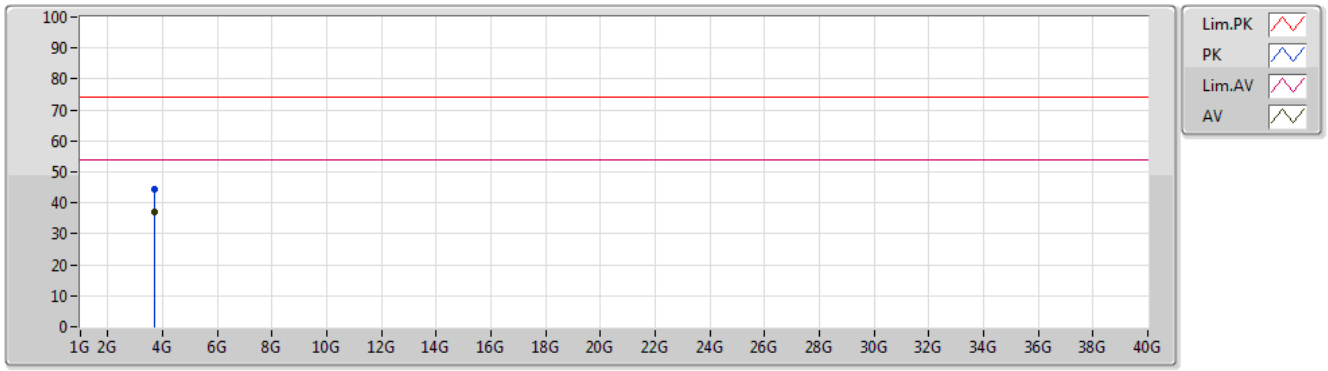
Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.90392G	45.23	74.00	-28.77	42.17	3	Horizontal	182	1.60	-	32.52	5.05	34.51
AV	4.90484G	38.60	54.00	-15.40	35.53	3	Horizontal	182	1.60	-	32.53	5.05	34.51

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	3.68737G	37.12	54.00	-16.88	Vertical

Mode 1

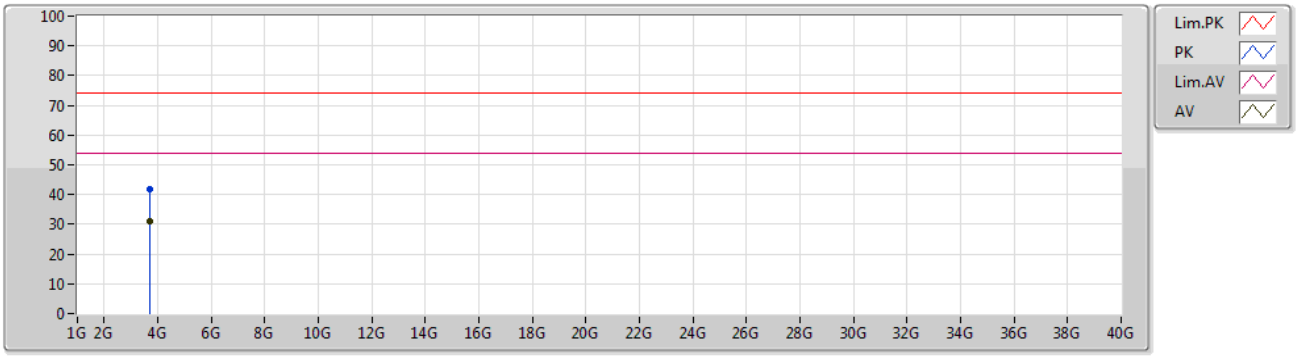
03/02/2021



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	3.6875G	44.33	74.00	-29.67	-1.68	3	Vertical	337	2.88	-	46.01	29.20	5.13	36.01
AV	3.68737G	37.12	54.00	-16.88	-1.68	3	Vertical	337	2.88	"Worst"	38.80	29.20	5.13	36.01

Mode 1

03/02/2021



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	3.68779G	41.80	74.00	-32.20	-1.68	3	Horizontal	166	2.72	-	43.48	29.20	5.13	36.01
AV	3.68743G	30.89	54.00	-23.11	-1.68	3	Horizontal	166	2.72	"Worst"	32.57	29.20	5.13	36.01