



RADIO TEST REPORT

FCC ID : MSQ-RTAX5X00
Equipment : ROG Rapture AX10000 Tri-band Gaming Mesh Router
Brand Name : ASUS
Model Name : GT6
Applicant : ASUSTeK COMPUTER INC.
1F., No. 15, Lide Rd., Beitou, Taipei City 112, Taiwan
Manufacturer (1) : Compal Networking(KunShan) CO., LTD
No.520,Nan Bang RD., Economic & Technical
Development Zone, KunShan,JiangSu,China
Manufacturer (2) : ARCADYAN TECHNOLOGY (VIETNAM) CO., LTD.
Land plot No. D4-5-6, Thang Long Industrial Park
(Vinh Phuc), Thien Ke Commune, Binh Xuyen
District, 15000 Vinh Phuc Province, Vietnam
Standard : 47 CFR FCC Part 15.247

The product was received on Apr. 06, 2022, and testing was started from Apr. 19, 2022 and completed on Jul. 22, 2022. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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


Approved by: Sam Chen

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



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Photographs of EUT v01



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:

1. The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers. It's means measurement values may risk exceeding the limit of regulation standards, if measurement uncertainty is include in test results.
2. The measurement uncertainty please refer to report "Measurement Uncertainty".

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: Penny Kao**



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, ax (HEW20)	2412-2462	1-11 [11]
2400-2483.5	n (HT40), VHT40, ax (HEW40)	2422-2452	3-9 [7]

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	2TX
2.4-2.4835GHz	802.11g	20	2TX
2.4-2.4835GHz	802.11n HT20	20	2TX
2.4-2.4835GHz	802.11n HT20-BF	20	2TX
2.4-2.4835GHz	VHT20	20	2TX
2.4-2.4835GHz	VHT20-BF	20	2TX
2.4-2.4835GHz	802.11ax HEW20	20	2TX
2.4-2.4835GHz	802.11ax HEW20-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
2.4-2.4835GHz	802.11ax HEW40	40	2TX
2.4-2.4835GHz	802.11ax HEW40-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, 1024QAM modulation.
- ◆ HEW20, HEW40 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ◆ BWch is the nominal channel bandwidth.



1.1.2 Antenna Information

Ant.	Port				Brand Name	Model Name	Antenna Type	Connector	Gain (dBi)
	WLAN 2.4GHz	WLAN 5GHz UNII 1~2A	WLAN 5GHz UNII 2C~4 (Mode 1)	WLAN 5GHz UNII 2C~4 (Mode 2)					
1	2	4	-	-	LYNwave	MLX22M-121AA1-A	Dipole	I-PEX	Note1
2	1	3	-	-	LYNwave	MLX22M-121AA1-A	Dipole	I-PEX	
3	-	2	-	-	LYNwave	MLX22M-121AA1-A	Dipole	I-PEX	
4	-	1	-	-	LYNwave	MLX22M-121AA1-A	Dipole	I-PEX	
5	-	-	4	4	LYNwave	MLX22M-121AA1-A	Dipole	I-PEX	
6	-	-	1	1	LYNwave	MLX22M-121AA1-A	Dipole	I-PEX	
7	-	-	3	3	LYNwave	MLX22M-121AA1-A	Dipole	I-PEX	
8	-	-	2	-	LYNwave	MLX22M-121AA1-A	Dipole	I-PEX	
9	-	-	-	2	LYNwave	MLX22M-121AA1-A	Dipole	I-PEX	

Note1: <Antenna gain>

Ant.	Port				Gain(dBi)								
	WLAN 2.4GHz	WLAN 5GHz UNII 1~2A	WLAN 5GHz UNII 2C~4 (Mode 1)	WLAN 5GHz UNII 2C~4 (Mode 2)	WLAN 2.4GHz	WLAN 5GHz							
						UNII 1	UNII 2A	UNII 2C		UNII 3		UNII 4	
		Mode1	Mode2	Mode1	Mode2	Mode1	Mode2	Mode1	Mode2				
1	2	4	-	-	4.1	3.53	3.81	-	-	-	-	-	-
2	1	3	-	-	3.39	3.26	4.32	-	-	-	-	-	-
3	-	2	-	-	-	2.32	2.96	-	-	-	-	-	-
4	-	1	-	-	-	2.31	2.44	-	-	-	-	-	-
5	-	-	4	4	-	-	-	1.43	1.43	2.08	2.08	2.5	2.5
6	-	-	1	1	-	-	-	1.66	1.66	1.91	1.91	2.89	2.89
7	-	-	3	3	-	-	-	2.8	2.8	3.51	3.51	3.79	3.79
8	-	-	2	-	-	-	-	2.55	-	3.36	-	3.65	-
9	-	-	-	2	-	-	-	-	3.64	-	3.64	-	3.29

<Directional Gain>

Item	WLAN 2.4GHz	Directional Gain(dBi)							
		WLAN 5GHz							
		UNII 1	UNII 2A	UNII 2C		UNII 3		UNII 4	
		Mode1	Mode2	Mode1	Mode2	Mode1	Mode2	Mode1	Mode2
2T1S	6.01	-	-	-	-	-	-	-	-
2T2S	4.1	-	-	-	-	-	-	-	-
4T1S	-	6.24	6.43	6.13	4.83	7.23	5.25	6.76	4.95
4T2S	-	-	4.32	-	-	4.23	3.64	3.79	3.79

Note2: The above information (except gain) was declared by manufacturer.

The directional gain is measured which follows the procedure of KDB 662911 D03.

Note3: Mode1 was Ant.5~7+Ant.8 and Mode 2 was Ant. 5~7+Ant.9.

Note4: The EUT support the antenna with TX/RX diversity functions. Both Ant.8 and Ant.9 can be used as transmitting and receiving antennas, but only one of them will be used at one time.

Ant. 8 generated be the worst case, so it was selected to test and recorded in the report

For 2.4GHz function:

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

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

Port 1 and Port 2 could transmit/receive simultaneously.

For 5GHz function:

For IEEE 802.11a/n/ac/ax (4TX/4RX):

Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.



1.1.3 Mode Test Duty Cycle

For Non-beamforming mode

2T1S

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	0.993	0.03	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g	0.991	0.04	n/a (DC>=0.98)	n/a (DC>=0.98)

2T2S

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20	0.992	0.03	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40	0.992	0.03	n/a (DC>=0.98)	n/a (DC>=0.98)

For Beamforming mode

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20-BF	0.951	0.22	2.928m	1k
802.11ax HEW40-BF	0.954	0.2	4.36m	300

Note:

- ◆ DC is Duty Cycle.
- ◆ DCF is Duty Cycle Factor.

1.1.4 EUT Operational Condition

EUT Power Type	From Power Adapter			
Beamforming Function	<input checked="" type="checkbox"/>	With beamforming	<input type="checkbox"/>	Without beamforming
	The product has beamforming function for 11n/VHT/ax in 2.4GHz and 11n/ac/ax in 5GHz.			
Function	<input checked="" type="checkbox"/>	Point-to-multipoint	<input type="checkbox"/>	Point-to-point
Test Software Version	M-TOOL V3.2.1.5			

Note: The above information was declared by manufacturer.

1.1.5 Table for EUT supports functions

Function	Support Type
AP Router	Master
Bridge	Slave without radar detection
Repeater	Master
Mesh	Master

Note 1: After evaluating, AP Router was selected to test and record in the report.

Note 2: The above information was declared by manufacturer.



1.1.6 Applicable Standards

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

- ◆ 47 CFR FCC Part 15.247
- ◆ 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 D03 v01
- ◆ FCC KDB 414788 D01 v01r01

1.2 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH03-CB	Owen Hsu	23.9-24.1 / 56-62	Jun. 11, 2022~ Jun. 27, 2022
Radiated below 1GHz	03CH06-CB	Stim Sung	24.4-25.5 / 55-58	May 28, 2022~ Jul. 15, 2022
Radiated above 1GHz	03CH02-CB	Stim Sung	23.8-24.9 / 55-58	May 28, 2022~ Jul. 15, 2022
	03CH06-CB		24.4-25.5 / 55-58	
Radiated For co-location test	03CH06-CB	Stim Sung	24.4-25.5 / 55-58	Jul. 22, 2022
AC Conduction	CO01-CB	Joe Chu	20~22 / 60~62	Apr. 19, 2022



1.3 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 Date: Before Jun. 01, 2022

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	4.2 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.5 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.7 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.2 dB	Confidence levels of 95%

Test Date: After May 31, 2022

Test Items	Uncertainty	Remark
Radiated Emission (9kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.6 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	5.2 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.7 dB	Confidence levels of 95%
Conducted Emission	3.2 dB	Confidence levels of 95%
Output Power Measurement	0.8 dB	Confidence levels of 95%
Power Density Measurement	3.2 dB	Confidence levels of 95%
Bandwidth Measurement	2.0 %	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

For Non-beamforming mode

2T1S

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	99
2417MHz	103
2437MHz	103
2457MHz	
2462MHz	101
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	82
2417MHz	91
2437MHz	105
2457MHz	96
2462MHz	92

2T2S

Mode	Power Setting
802.11ax HEW20_Nss2,(MCS0)_2TX	-
2412MHz	80
2417MHz	88
2437MHz	102
2457MHz	94
2462MHz	90
802.11ax HEW40_Nss2,(MCS0)_2TX	-
2422MHz	76
2437MHz	79
2452MHz	84



For beamforming mode

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
2412MHz	85
2417MHz	80
2437MHz	108
2457MHz	95
2462MHz	85
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
2422MHz	75
2437MHz	75
2452MHz	83

Note:

- ♦ Evaluated HEW20/HEW40 mode only due to the similar modulation.
The power setting of HT20/HT40/VHT20/VHT40 mode are the same or lower than HEW20/HEW40.



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 Test Voltage: 120Vac / 60Hz
Operating Mode	Normal Link
1	EUT + Adapter 1
2	EUT + Adapter 2
For operating mode 2 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
	The EUT was performed in X axis, Y axis and Z axis for Radiated measurement above 1GHz test. The worst case was found in Y axis for 2.4GHz&5GHz low band and in X axis for 5GHz high band. Thus, the measurement will follow this same test configuration.
1	EUT in Y axis + 2.4GHz + Adapter 1
2	EUT in Y axis + 2.4GHz + Adapter 2
Mode 1 has been evaluated to be the worst case among Mode 1~2, thus measurement for Mode 3~4 will follow this same test mode.	
3	EUT in Y axis + 5GHz UNII 1, 2A + Adapter 1
4	EUT in X axis + 5GHz UNII 2C~4 + Adapter 1
For operating mode 1 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
	The EUT was performed at X axis, Y axis and Z axis position, and the worst case as below:
1	EUT in Y axis



The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Normal Link
	The EUT was performed in X axis, Y axis and Z axis for Radiated measurement above 1GHz test. The worst case was found in Y axis. Thus, the measurement will follow this same test configuration.
1	EUT in Y axis + WLAN 2.4GHz + WLAN 5GHz UNII 1, 2A
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 UNII 1, 2A + WLAN 5GHz UNII 2C~4
Refer to Sporton Test Report No.: FA221807 for Co-location RF Exposure Evaluation.	

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 7 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 M-TOOL V3.2.1.5.
3. Executed "Lantest.exe" to link with the remote workstation to transmit and receive packet by RX Device and transmit duty cycle no less than 98%.

For Normal Link Mode:

During the test, the EUT operation to normal function.



2.4 Accessories

Accessories					
No.	Equipment Name	Brand Name	Model Name	Rating	Remark
1	Adapter 1	DELTA	ADP-45FE F	INPUT: 100-240V~1.2A, 50-60Hz OUTPUT: 19V, 2.37A	With the DC cable: Non-shielded, 1.6m
2	Adapter 2	AcBel	ADH011	INPUT: 100-240V~1.4A, 50-60Hz OUTPUT: 19.5V, 2.31A, 45W MAX	With the DC cable: Non-shielded, 1.6m
Others					
RJ-45 cable*1: Non-shielded, 1.5m Power cord*2: Non-shielded, 0.8m					

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	LAN 1 NB	DELL	E6430	N/A
B	WAN PC	DELL	T3400	N/A
C	LAN 3 NB	DELL	E6430	N/A
D	2.4G NB	DELL	E6430	N/A
E	5G L NB	DELL	E6430	N/A
F	5G H NB	DELL	E6430	N/A
G	Flash disk3.0	Transcend	JetFlash-700	N/A

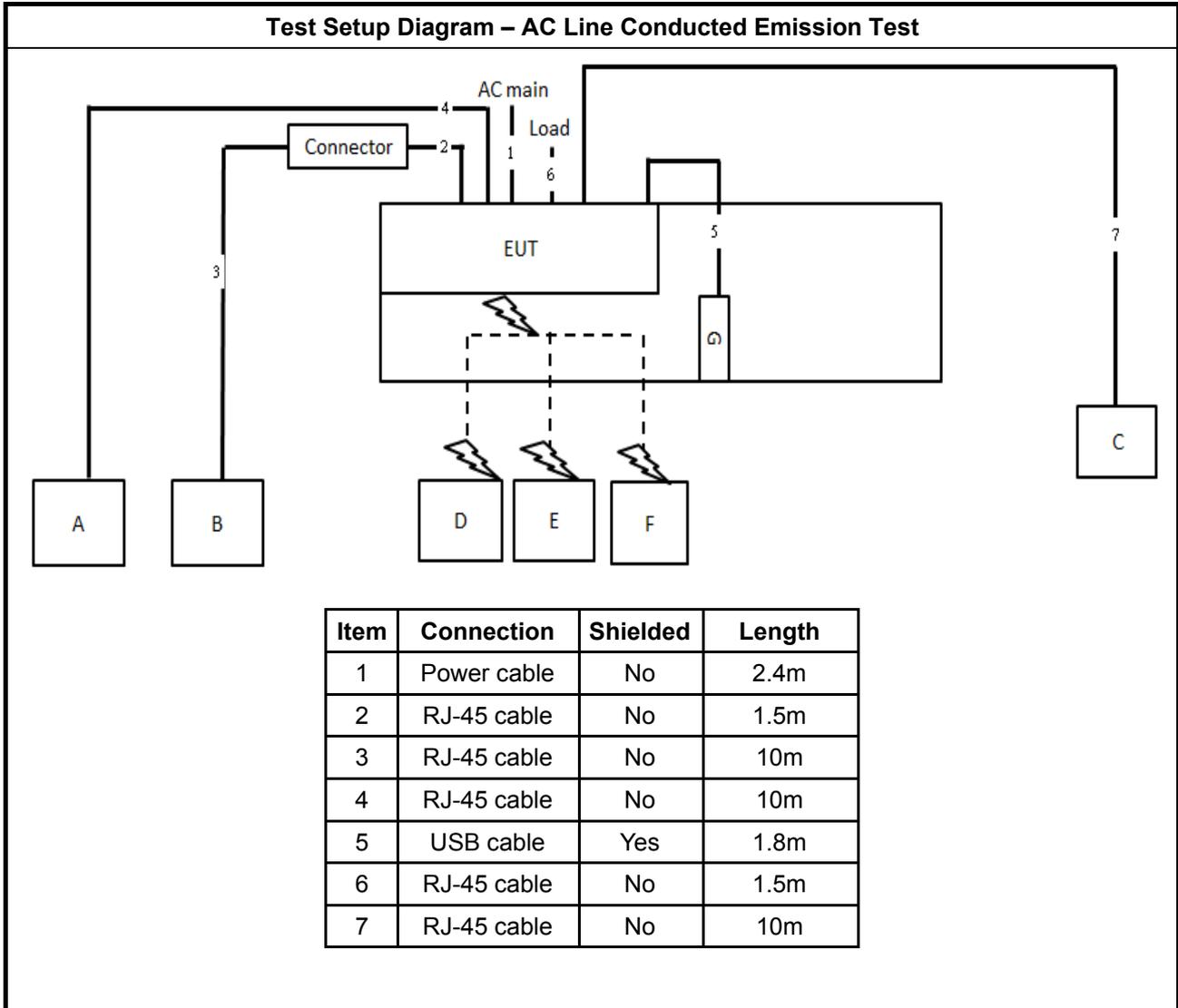
For Radiated (below 1GHz), Radiated (above 1GHz) Non-beamforming mode and RF Conducted:

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

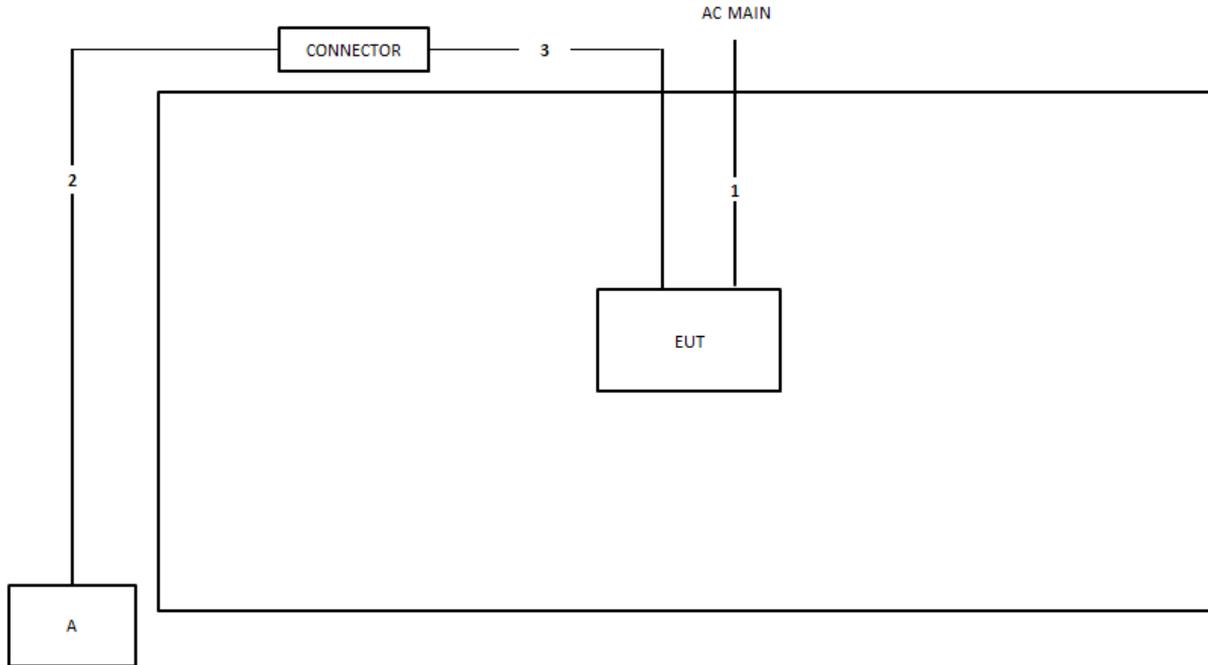
For Radiated (above 1GHz) Beamforming mode:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	Notebook	DELL	E4300	N/A
C	RX Device	ASUS	ET12	MSQ-RTAXE4P00

2.6 Test Setup Diagram

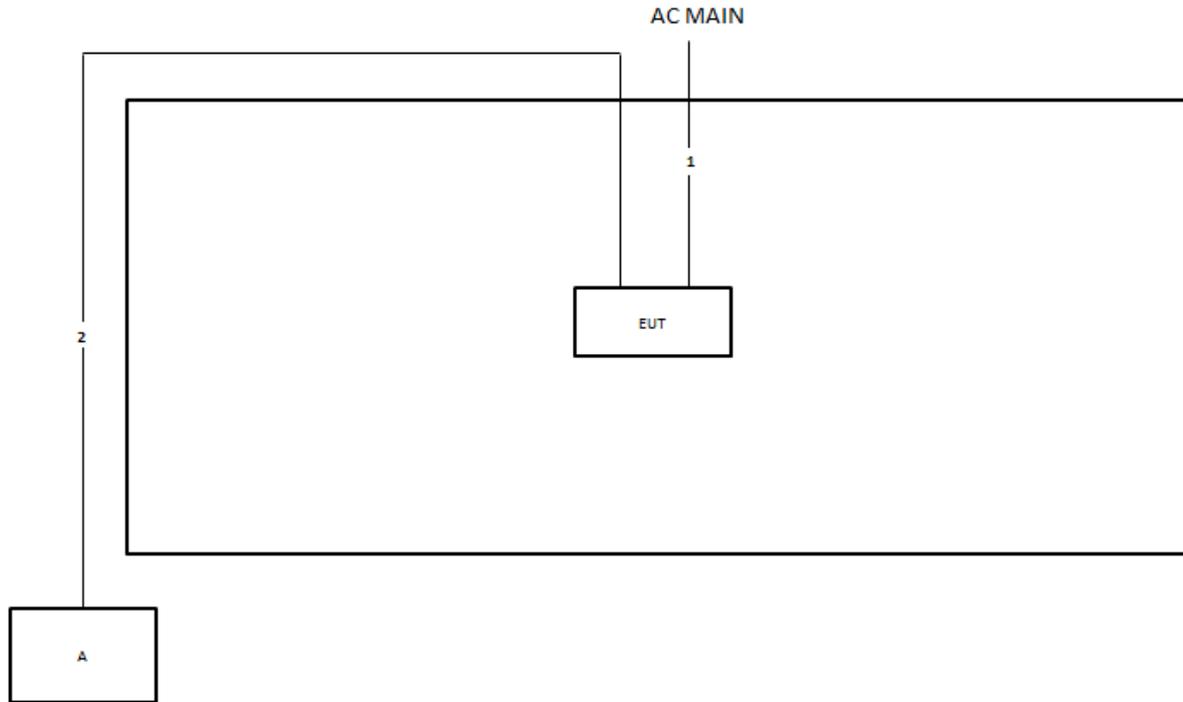


Test Setup Diagram - Radiated Test < 1GHz

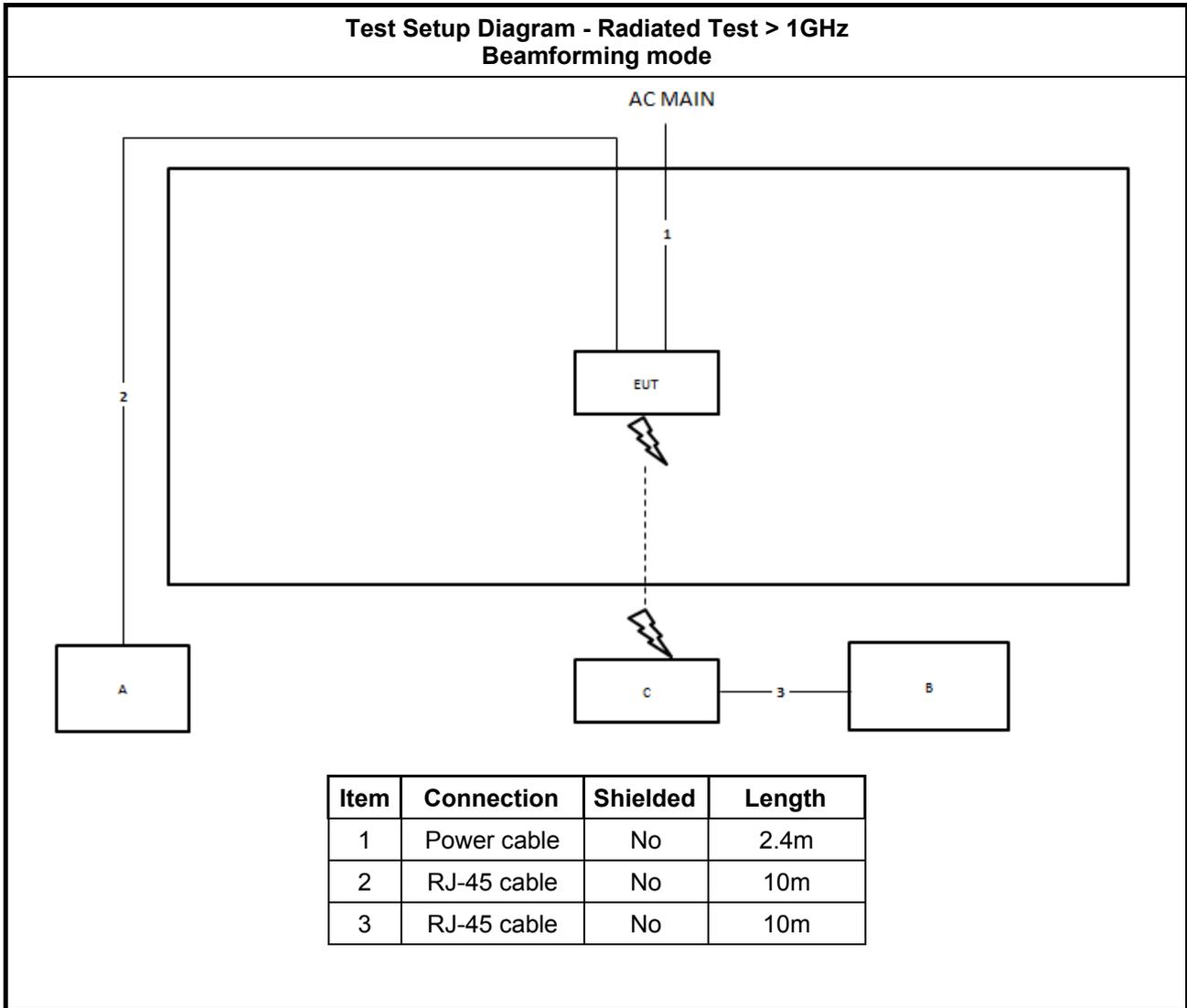


Item	Connection	Shielded	Length
1	Power cable	No	2.4m
2	RJ-45 cable	No	10m
3	RJ-45 cable	No	1.5m

**Test Setup Diagram - Radiated Test > 1GHz
Non-beamforming mode**



Item	Connection	Shielded	Length
1	Power cable	No	2.4m
2	RJ-45 cable	No	10m





3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

AC Power-line Conducted Emissions Limit		
Frequency Emission (MHz)	Quasi-Peak	Average
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50

Note 1: * Decreases with the logarithm of the frequency.

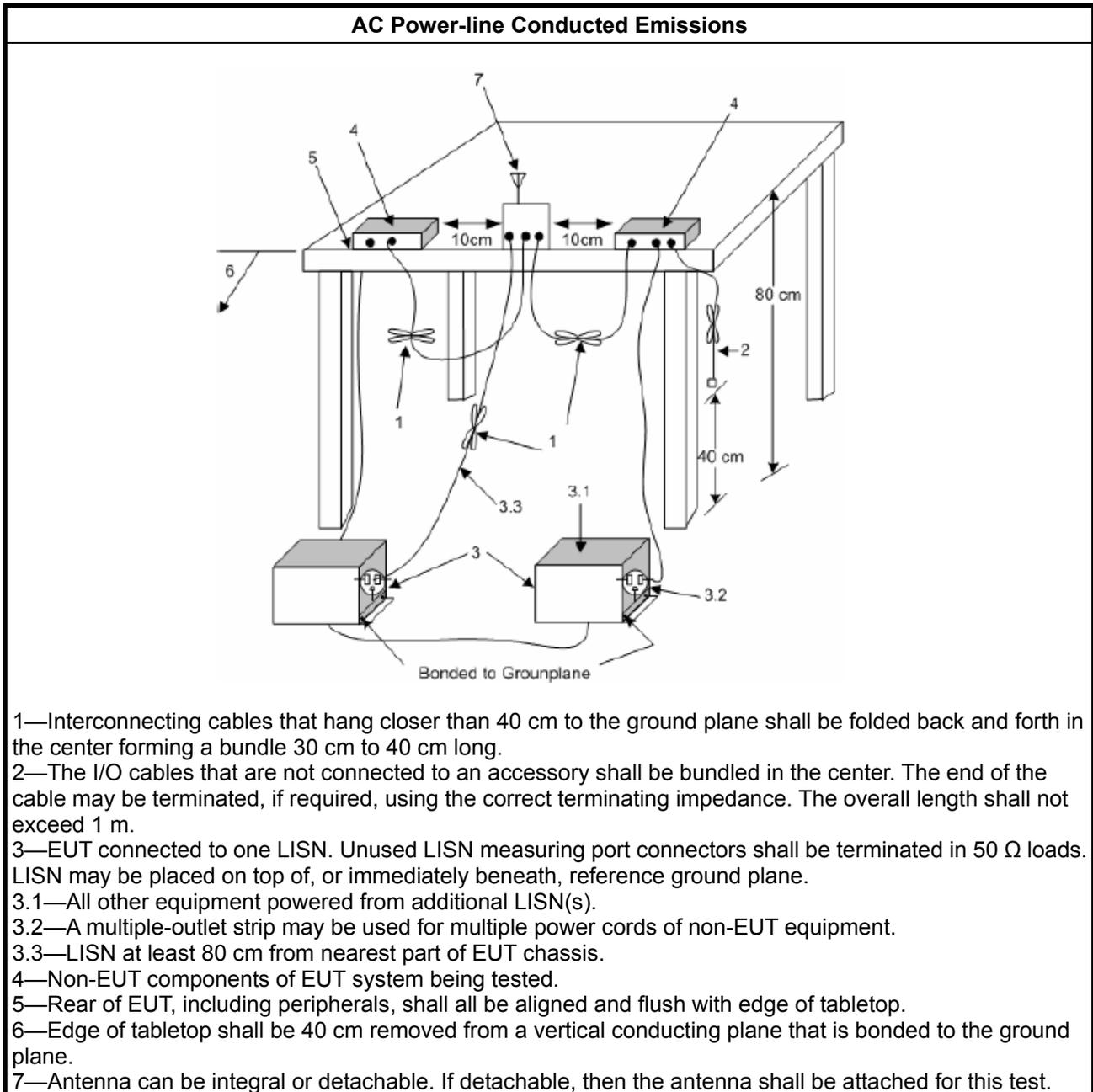
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

Test Method
<input checked="" type="checkbox"/> Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Test Setup



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:
<ul style="list-style-type: none"> ▪ 6 dB bandwidth \geq 500 kHz.

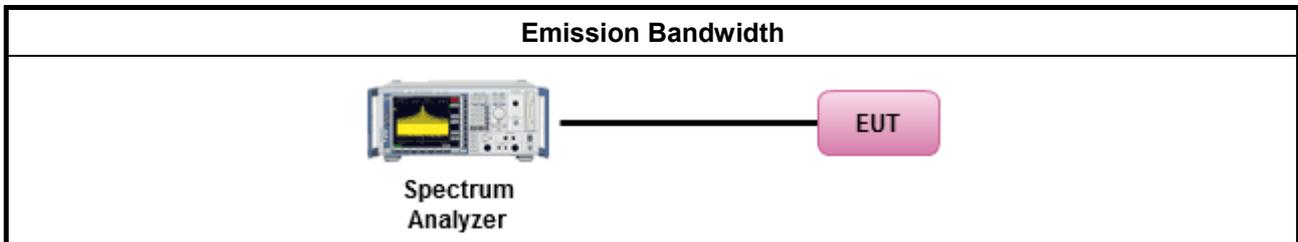
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method
<ul style="list-style-type: none"> ▪ For the emission bandwidth shall be measured using one of the options below:
<input checked="" type="checkbox"/> Refer as FCC KDB 558074, clause 8.2 & C63.10 clause 11.8.1 Option 1 for 6 dB bandwidth measurement.
<input type="checkbox"/> Refer as FCC KDB 558074, clause 8.2 & C63.10 clause 11.8.2 Option 2 for 6 dB bandwidth measurement.
<input type="checkbox"/> Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.

3.2.4 Test Setup



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	
	<ul style="list-style-type: none">▪ If $G_{TX} \leq 6$ dBi, then $P_{Out} \leq 30$ dBm (1 W)
	<ul style="list-style-type: none">▪ Point-to-multipoint systems (P2M): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$ dBm
	<ul style="list-style-type: none">▪ Point-to-point systems (P2P): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	<ul style="list-style-type: none">▪ Smart antenna system (SAS):
	<ul style="list-style-type: none">- Single beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	<ul style="list-style-type: none">- Overlap beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	<ul style="list-style-type: none">- 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

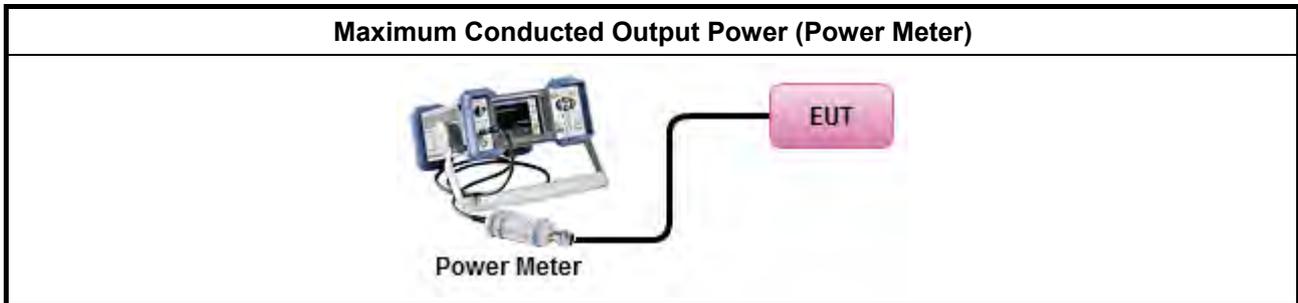
Refer a test equipment and calibration data table in this test report.



3.3.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> ▪ Maximum Peak Conducted Output Power 	
	<input type="checkbox"/> Refer as FCC KDB 558074, clause 8.3.1.1 & C63.10 clause 11.9.1.1 (RBW ≥ EBW method).
	<input type="checkbox"/> Refer as FCC KDB 558074, clause 8.3.1.3 & C63.10 clause 11.9.1.3 (peak power meter).
<ul style="list-style-type: none"> ▪ Maximum Conducted Output Power 	
[duty cycle ≥ 98% or external video / power trigger]	
	<input type="checkbox"/> Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.2 Method AVGSA-1.
	<input type="checkbox"/> 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	
	<input type="checkbox"/> Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.4 Method AVGSA-2.
	<input type="checkbox"/> Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.5 Method AVGSA-2A (alternative)
	<input type="checkbox"/> Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.6 Method AVGSA-3
	<input type="checkbox"/> 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)	
	<input type="checkbox"/> 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).
	<input checked="" type="checkbox"/> 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).
<ul style="list-style-type: none"> ▪ For conducted measurement. 	
	<ul style="list-style-type: none"> ▪ 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.
	<ul style="list-style-type: none"> ▪ If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$

3.3.4 Test Setup



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
<ul style="list-style-type: none"> Power Spectral Density (PSD) \leq 8 dBm/3kHz

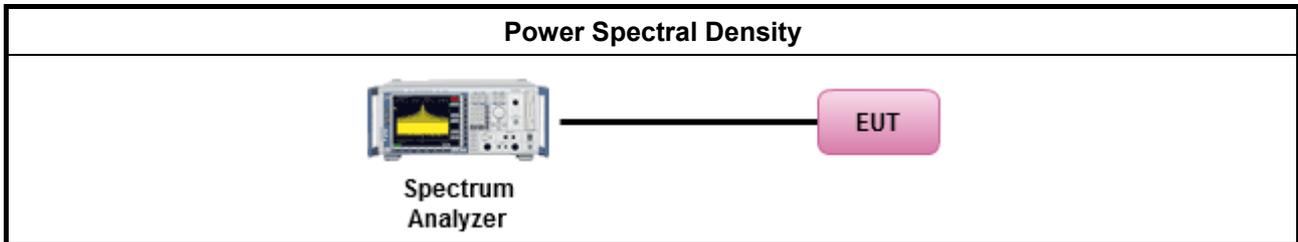
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method			
<ul style="list-style-type: none"> 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). 			
<input checked="" type="checkbox"/> Refer as FCC KDB 558074, clause 8.4 & C63.10 clause 11.10 Method Max. PSD.			
<ul style="list-style-type: none"> For conducted measurement. <ul style="list-style-type: none"> If The EUT supports multiple transmit chains using options given below: <table border="1"> <tbody> <tr> <td> <input checked="" type="checkbox"/> 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. </td> </tr> <tr> <td> <input type="checkbox"/> 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, </td> </tr> <tr> <td> <input type="checkbox"/> 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. </td> </tr> </tbody> </table> 	<input checked="" type="checkbox"/> 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.	<input type="checkbox"/> 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,	<input type="checkbox"/> 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.
<input checked="" type="checkbox"/> 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.			
<input type="checkbox"/> 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,			
<input type="checkbox"/> 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



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.

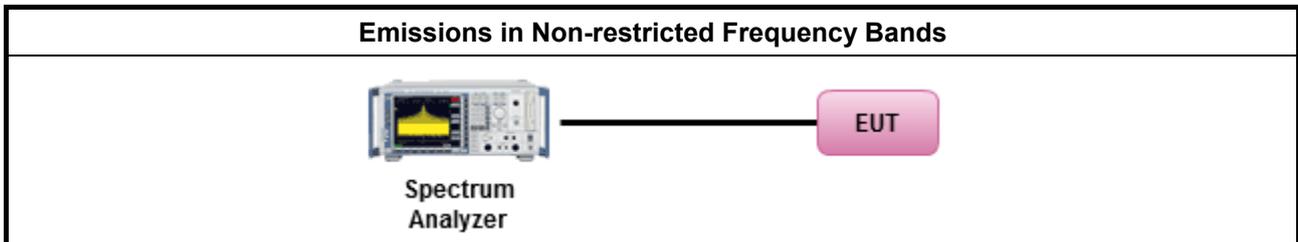
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

Test Method
<ul style="list-style-type: none"> Refer as FCC KDB 558074, clause 8.5 for unwanted emissions into non-restricted bands.

3.5.4 Test Setup



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

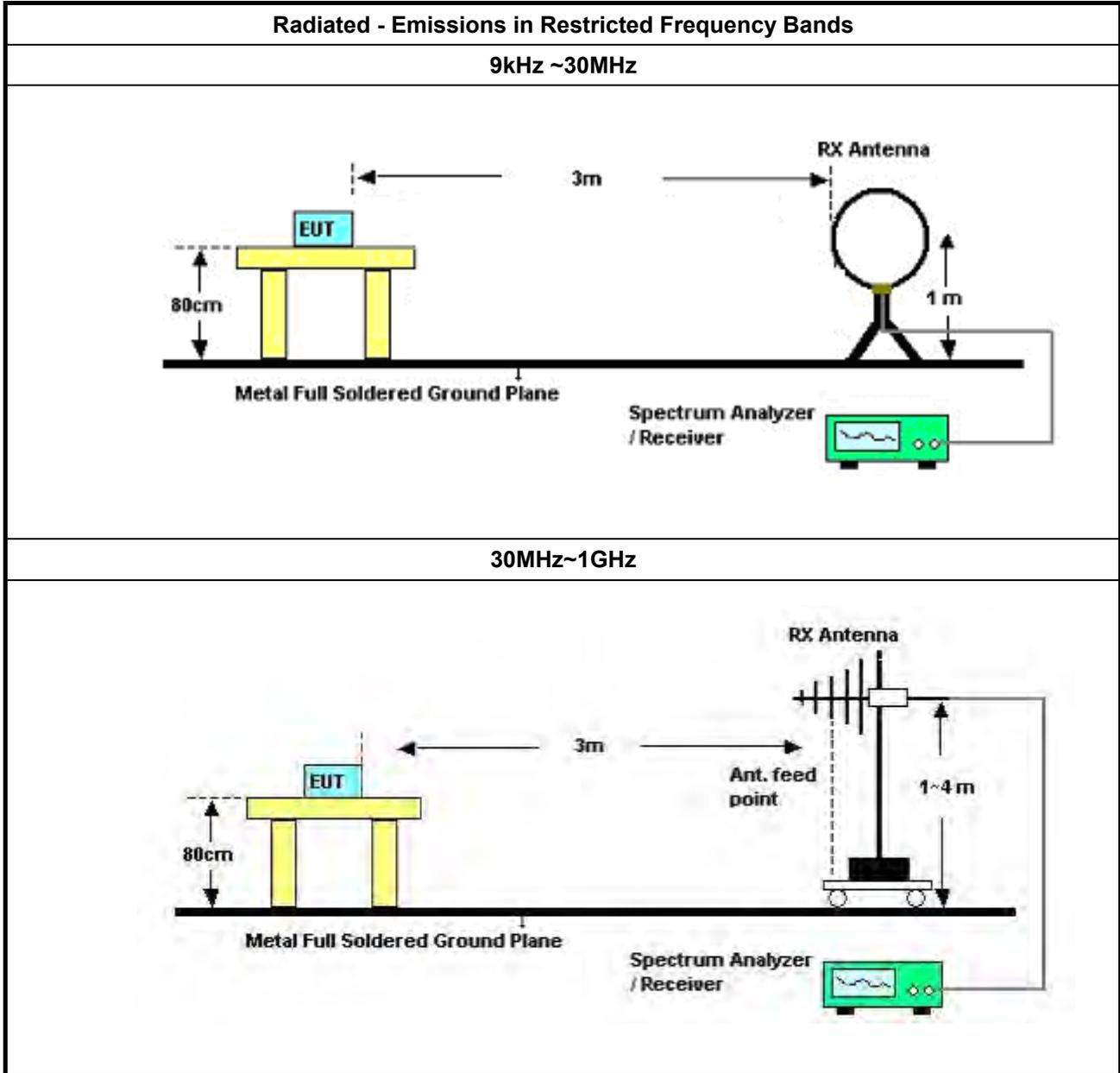
Refer a test equipment and calibration data table in this test report.

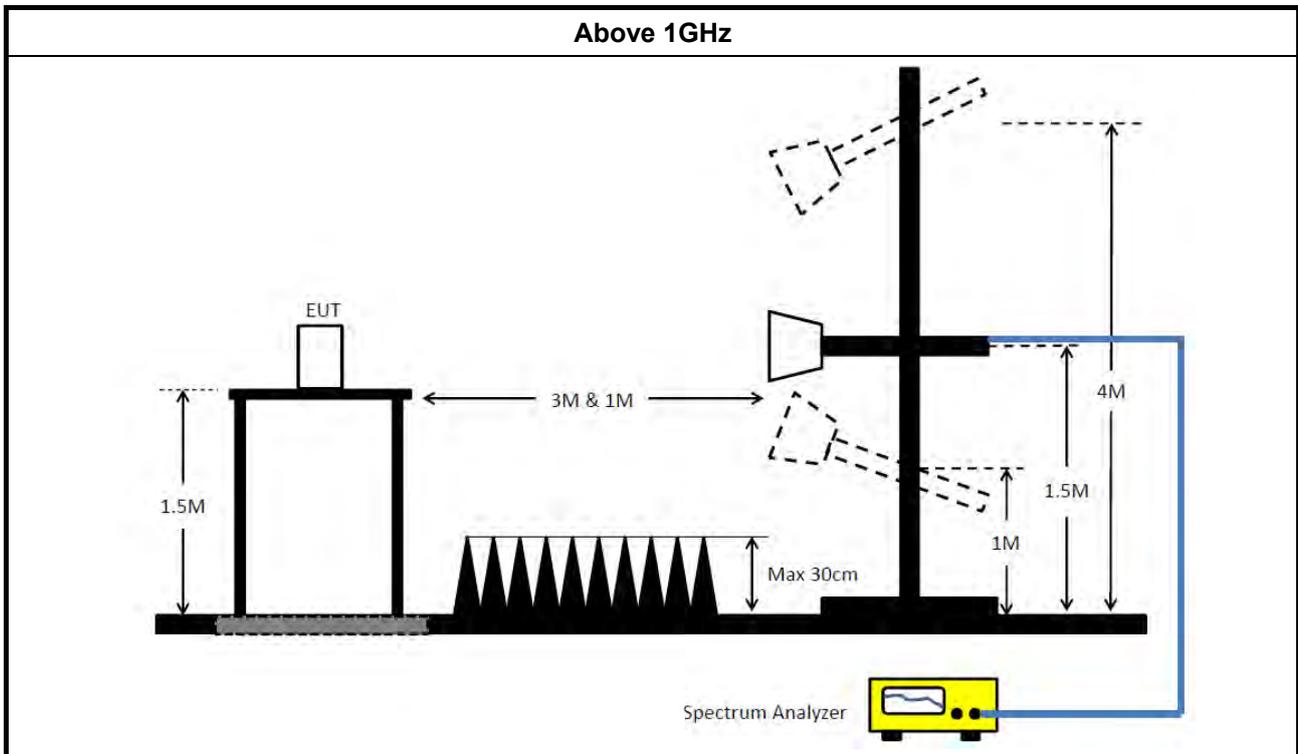


3.6.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> ▪ The average emission levels shall be measured in [duty cycle \geq 98 or duty factor]. 	
<ul style="list-style-type: none"> ▪ 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. 	
<ul style="list-style-type: none"> ▪ For the transmitter unwanted emissions shall be measured using following options below: 	
	<ul style="list-style-type: none"> ▪ Refer as FCC KDB 558074, clause 8.6 for unwanted emissions into restricted bands.
	<input type="checkbox"/> Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.1(trace averaging for duty cycle \geq 98%).
	<input type="checkbox"/> Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.2(trace averaging + duty factor).
	<input checked="" type="checkbox"/> Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.3(Reduced VBW \geq 1/T).
	<input type="checkbox"/> Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW \geq 1/T, where T is pulse time.
	<input type="checkbox"/> Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
	<input checked="" type="checkbox"/> Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.4 measurement procedure peak limit.
<ul style="list-style-type: none"> ▪ For the transmitter band-edge emissions shall be measured using following options below: 	
	<ul style="list-style-type: none"> ▪ 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.
	<ul style="list-style-type: none"> ▪ Refer as FCC KDB 558074, clause 8.7 (ANSI C63.10, clause 6.10.6) for marker-delta method for band-edge measurements.
	<ul style="list-style-type: none"> ▪ 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).
	<ul style="list-style-type: none"> ▪ 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
	<ul style="list-style-type: none"> ▪ 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





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. 22, 2022	Feb. 21, 2023	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Feb. 09, 2022	Feb. 08, 2023	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Apr. 12, 2022	Apr. 11, 2023	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Feb. 10, 2022	Feb. 09, 2023	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	May 19, 2021	May 18, 2022	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~ 18GHz	Mar. 26, 2022	Mar. 25, 2023	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	Apr. 19, 2022	Apr. 18, 2023	Radiation (03CH02-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jul. 12, 2021	Jul. 11, 2022	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jul. 01, 2022	Jun. 30, 2023	Radiation (03CH02-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH02-CB)
Pre-Amplifier	-	-	TF-130N-R1	18GHz ~ 40GHz	Jun. 21, 2022	Jun. 20, 2023	Radiation (03CH02-CB)
Spectrum analyzer	R&S	FSU	100015	9kHz~26GHz	Oct. 25, 2021	Oct. 24, 2022	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH02-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	May 14, 2022	May 13, 2023	Radiation (03CH06-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH06-CB	30 MHz ~ 1 GHz	Aug. 09, 2021	Aug. 08. 2022	Radiation (03CH06-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH06-CB	1GHz ~18GHz 3m	Oct. 01, 2021	Sep. 30, 2022	Radiation (03CH06-CB)
Bilog Antenna with 6 dB attenuator	TESEQ & EMCI	CBL6112D & N-6-06	37878 & AT-N0606	20MHz ~ 2GHz	Jul. 31, 2021	Jul. 30, 2022	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120D-1292	1GHz~18GHz	Aug. 04, 2021	Aug. 03, 2022	Radiation (03CH06-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	310N	187290	0.1MHz ~ 1GHz	Nov. 04, 2021	Nov. 03, 2022	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	SGH5265	20211115-1	1GHz ~ 26.5GHz	Jan. 19, 2022	Jan. 18, 2023	Radiation (03CH06-CB)
Pre-Amplifier	MITEQ	TTA1840-35-H G	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH06-CB)
Pre-Amplifier	-	-	TF-130N-R1	18GHz ~ 40GHz	Jun. 21, 2022	Jun. 20, 2023	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSP40	100080	9kHz~40GHz	Dec. 24, 2021	Dec. 23, 2022	Radiation (03CH06-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 21, 2021	Jun. 20, 2022	Radiation (03CH06-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 17, 2022	Jun. 16, 2023	Radiation (03CH06-CB)
RF Cable-low	Woken	RG402	Low Cable-05+24	30MHz~1GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-67	1GHz~18GHz	Feb. 24, 2022	Feb. 23, 2023	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-05+67	1GHz~18GHz	Feb. 24, 2022	Feb. 23, 2023	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH06-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSV40	101028	9kHz~40GHz	Jan. 07, 2022	Jan. 06, 2023	Conducted (TH03-CB)
Power Sensor	Anritsu	MA2411B	1726195	300MHz~40GHz	Aug. 22, 2021	Aug. 21, 2022	Conducted (TH03-CB)
Power Meter	Anritsu	ML2495A	1035008	300MHz~40GHz	Aug. 22, 2021	Aug. 21, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-11	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-12	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-13	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
Switch	SPTCB	SP-SWI	SWI-03	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	SWI-03-P1	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	SWI-03-P2	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	SWI-03-P3	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	SWI-03-P4	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	SWI-03-P5	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH03-CB)

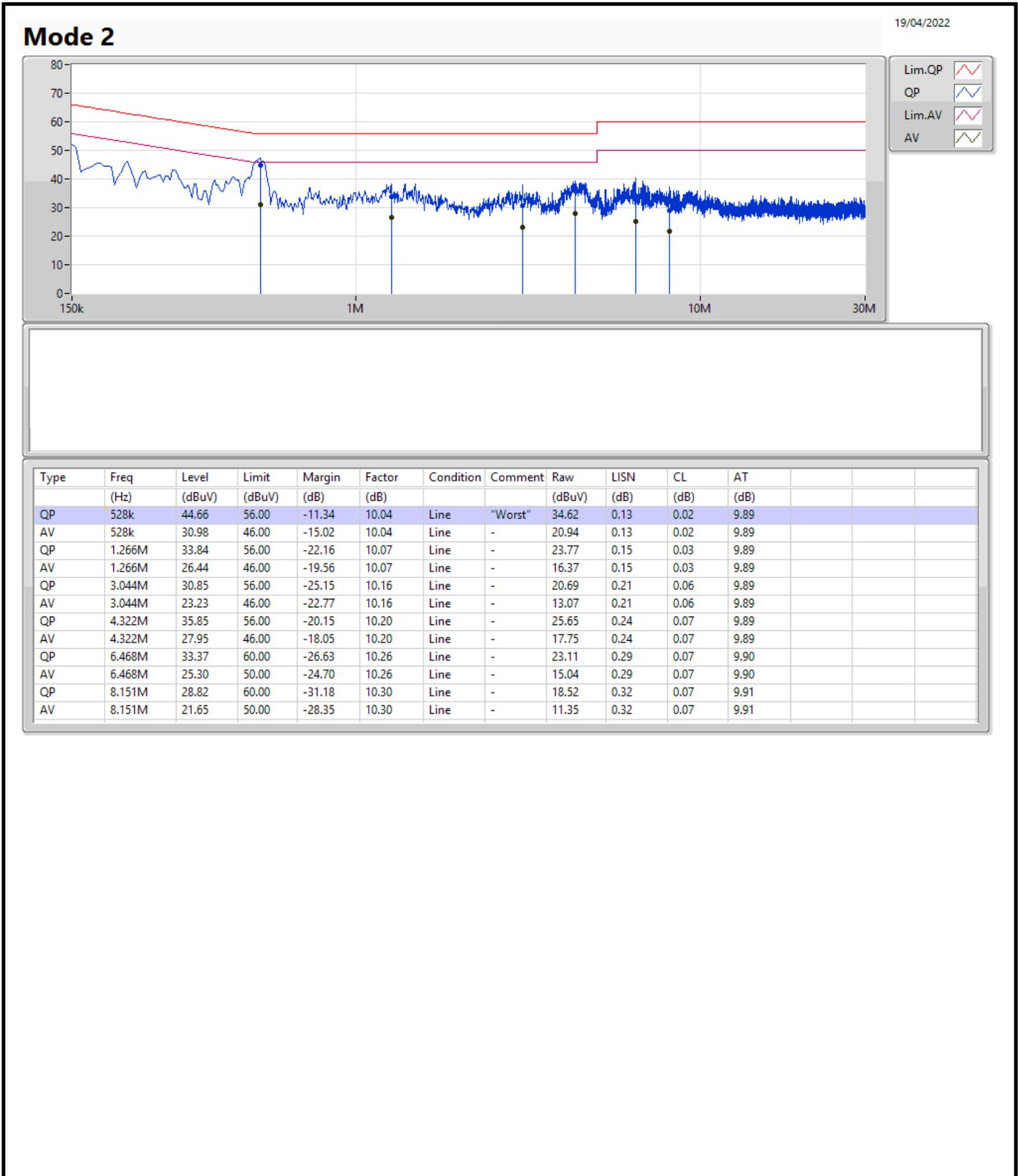
Note: Calibration Interval of instruments listed above is one year.

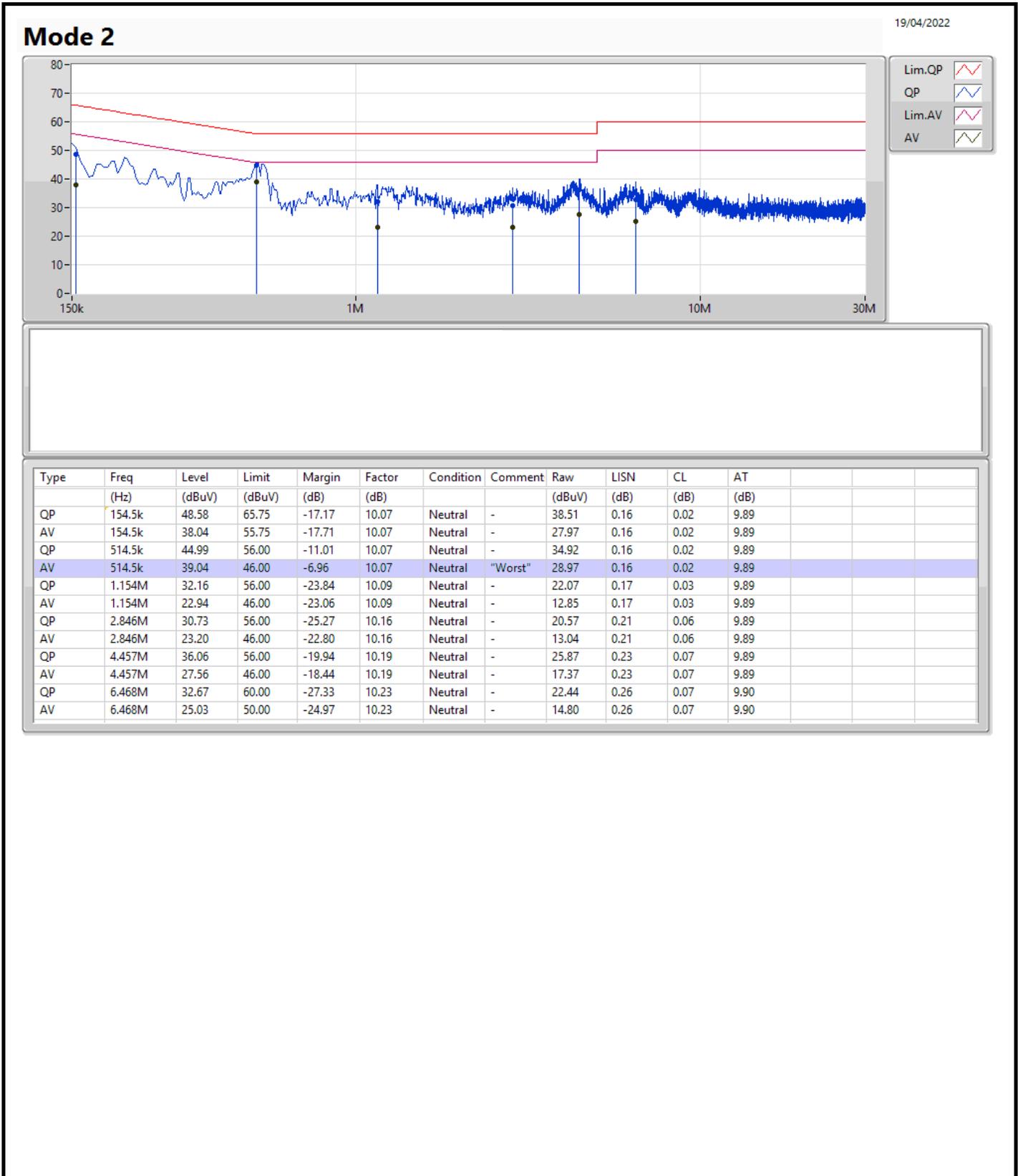
NCR means Non-Calibration required.



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 2	Pass	AV	514.5k	39.04	46.00	-6.96	Neutral







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	8M	10.545M	10M5G1D	6.55M	10.37M
802.11g_Nss1,(6Mbps)_2TX	16.35M	17.016M	17M0D1D	16.3M	16.917M

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	7.025M	10.37M	6.55M	10.395M
2437MHz	Pass	500k	7.025M	10.545M	8M	10.495M
2462MHz	Pass	500k	7.025M	10.445M	7.05M	10.395M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.35M	16.992M	16.3M	17.016M
2437MHz	Pass	500k	16.325M	16.967M	16.325M	16.967M
2462MHz	Pass	500k	16.3M	16.917M	16.325M	16.942M

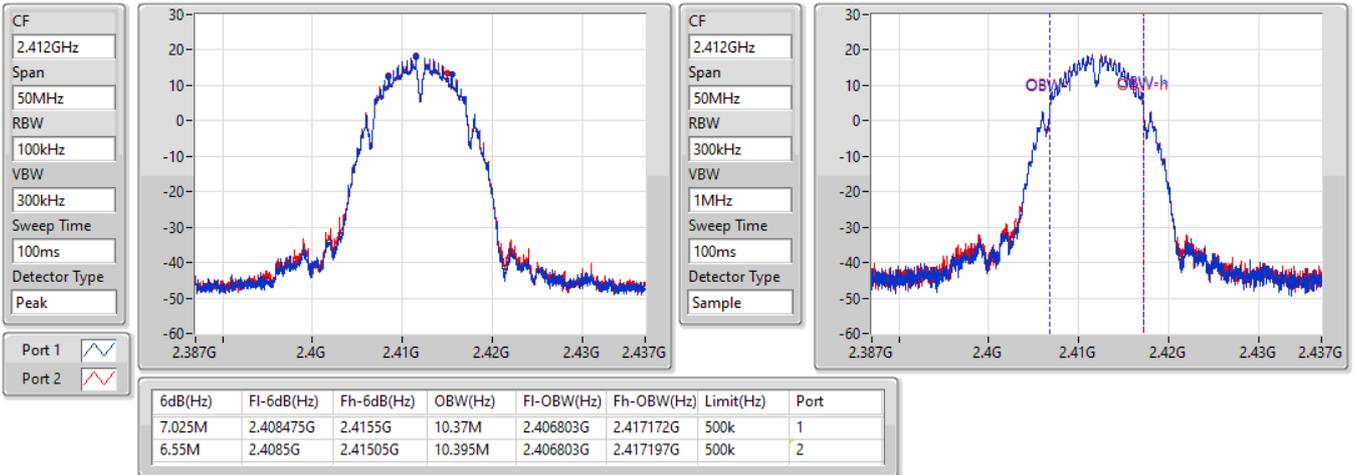
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

802.11b_Nss1,(1Mbps)_2TX

EBW

2412MHz

23/06/2022

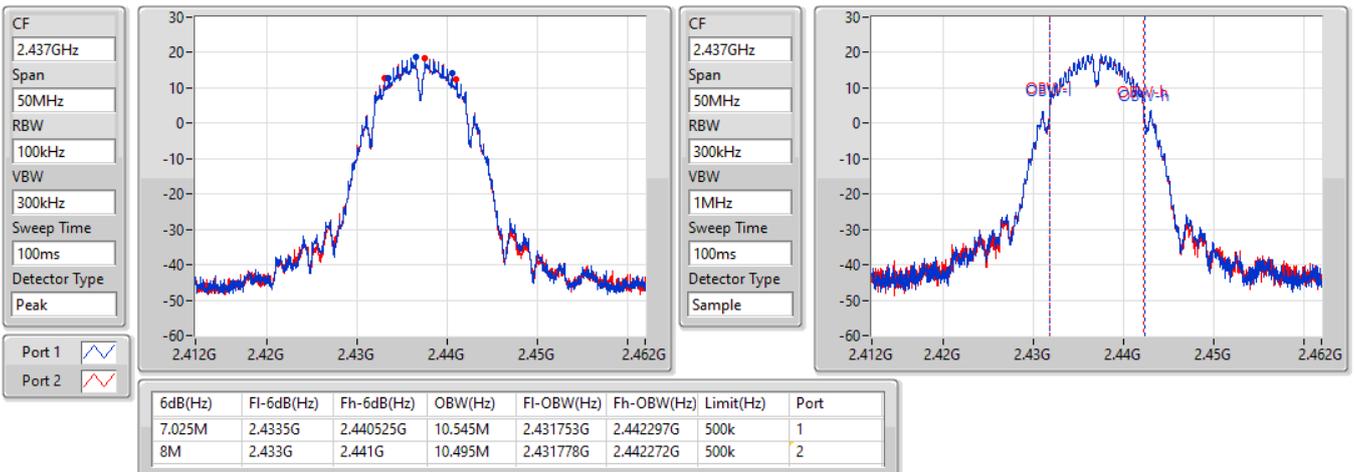


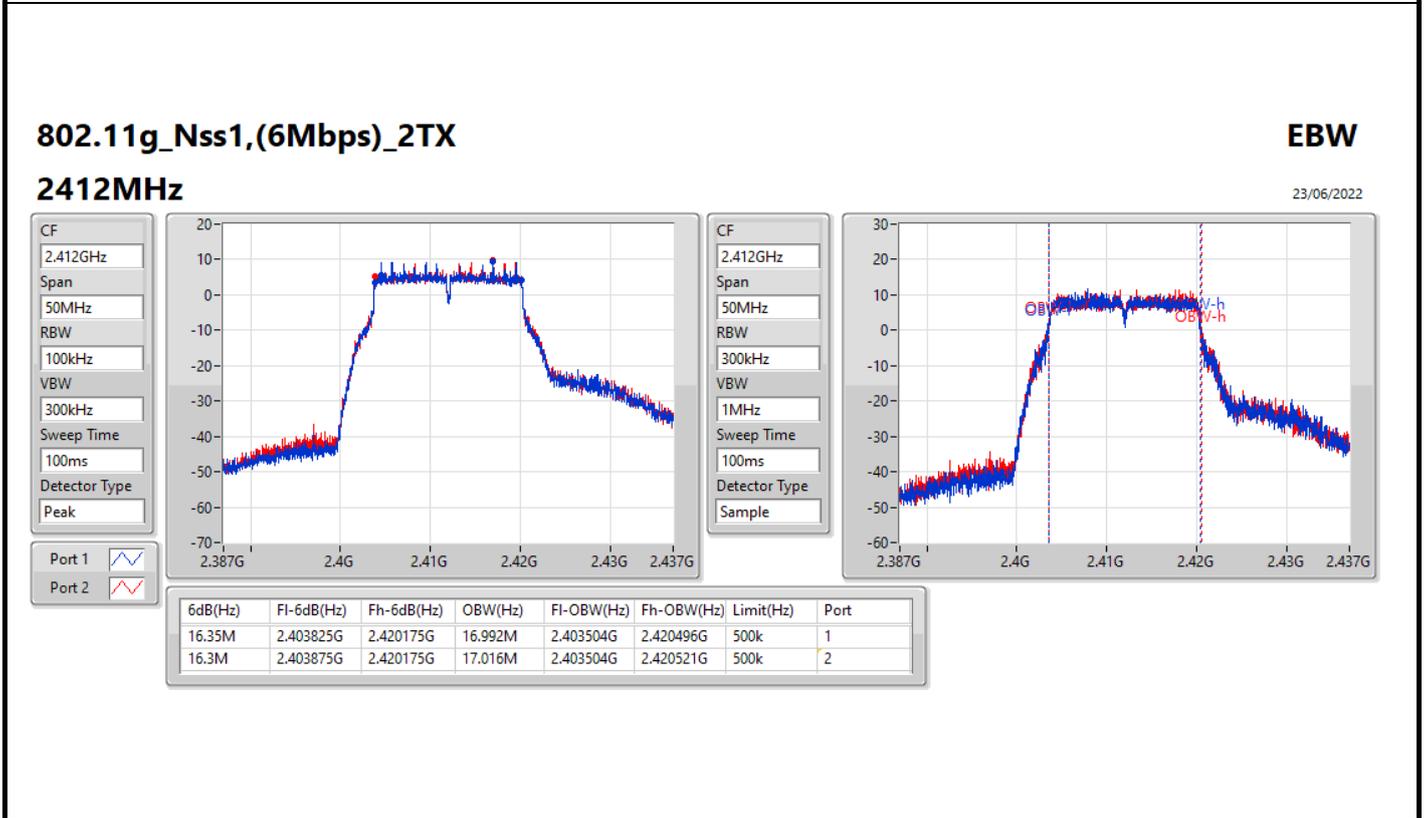
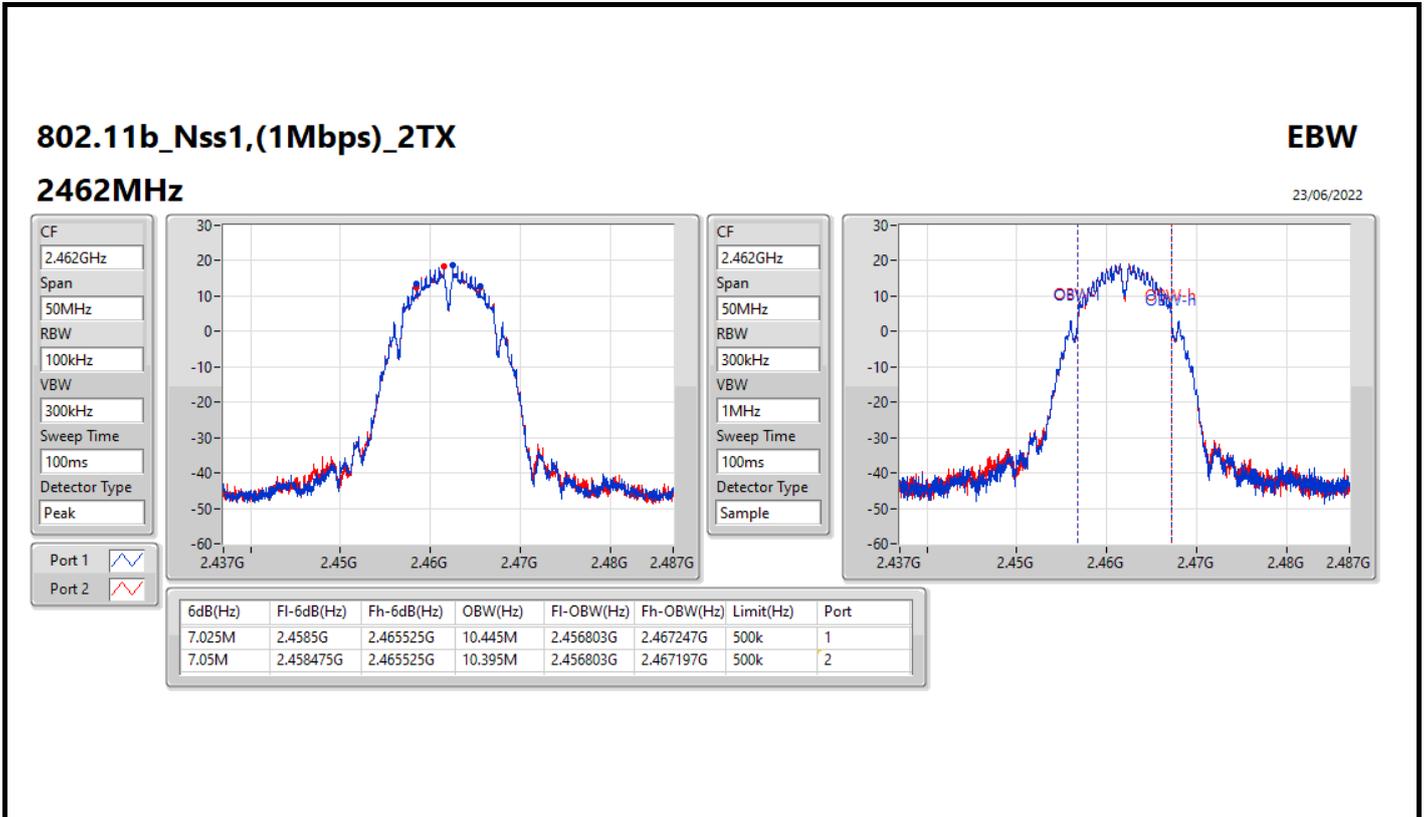
802.11b_Nss1,(1Mbps)_2TX

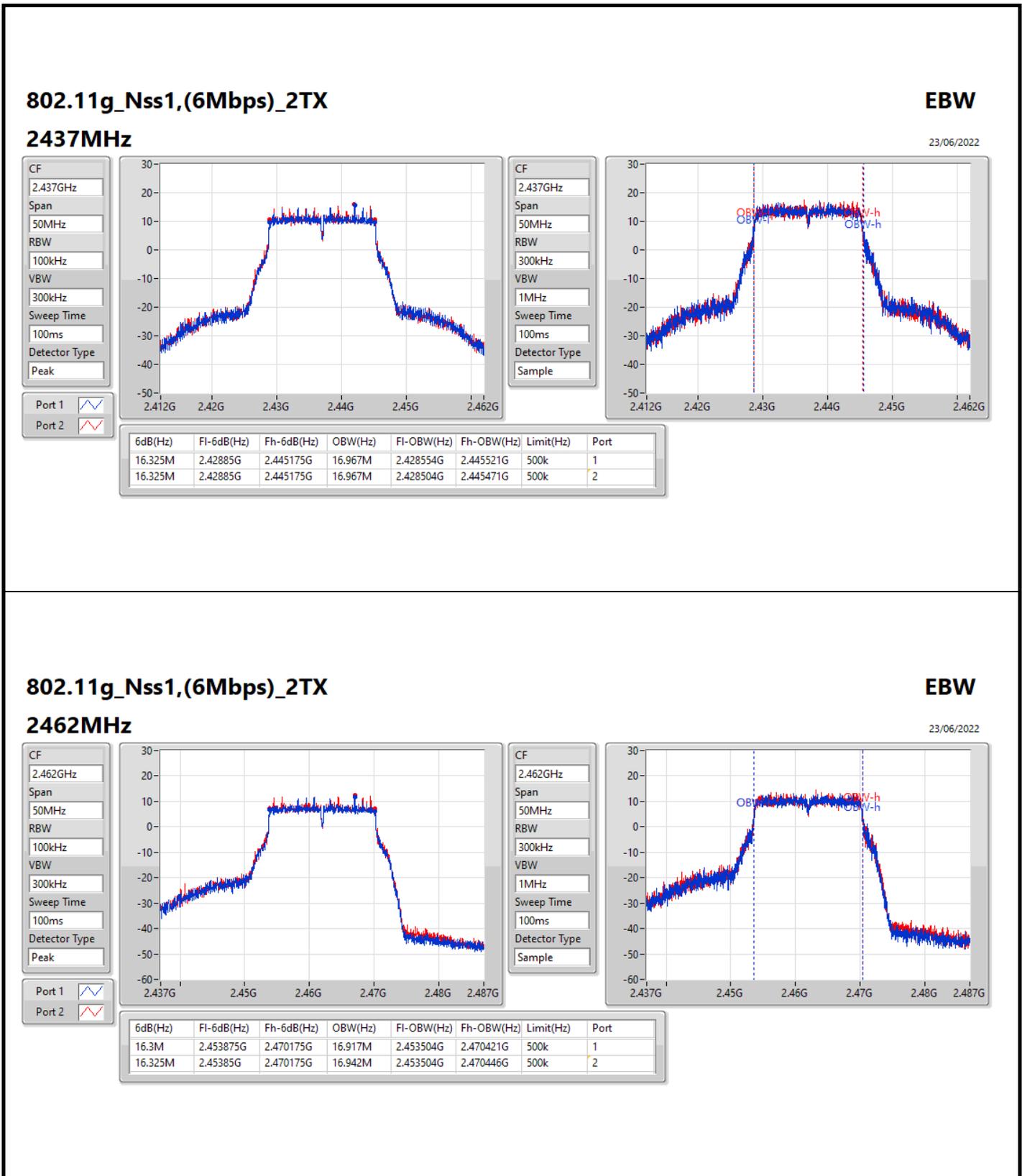
EBW

2437MHz

23/06/2022









Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	18.9M	19.09M	19M1D1D	18.475M	19.015M
802.11ax HEW40_Nss2,(MCS0)_2TX	37.6M	37.931M	37M9D1D	37.2M	37.681M

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)
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	18.825M	19.065M	18.775M	19.065M
2437MHz	Pass	500k	18.875M	19.015M	18.875M	19.04M
2462MHz	Pass	500k	18.9M	19.065M	18.475M	19.09M
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	37.2M	37.831M	37.35M	37.881M
2437MHz	Pass	500k	37.45M	37.831M	37.6M	37.681M
2452MHz	Pass	500k	37.25M	37.881M	37.3M	37.931M

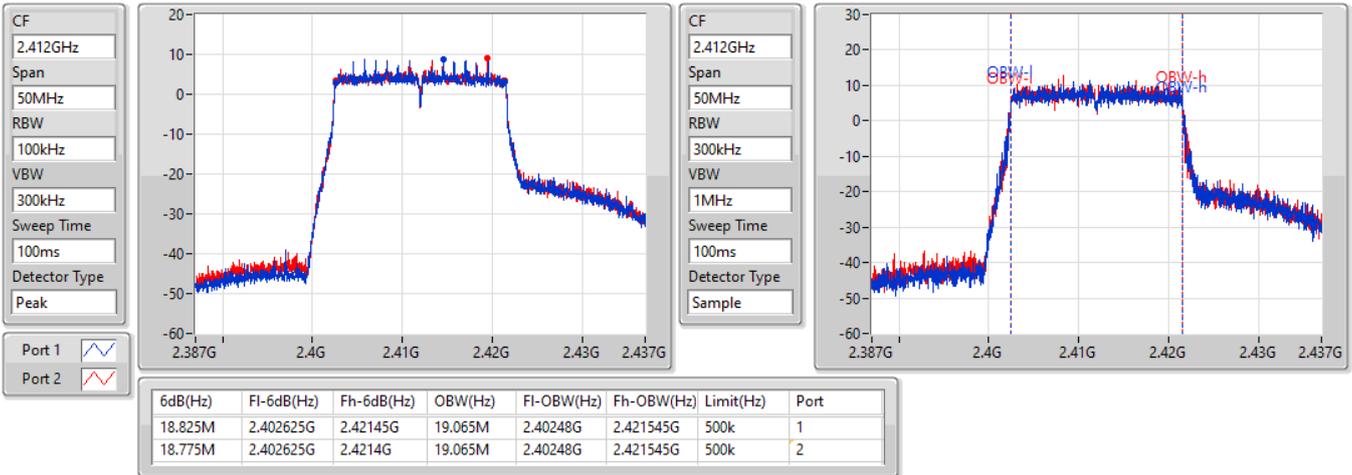
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

2412MHz

23/06/2022

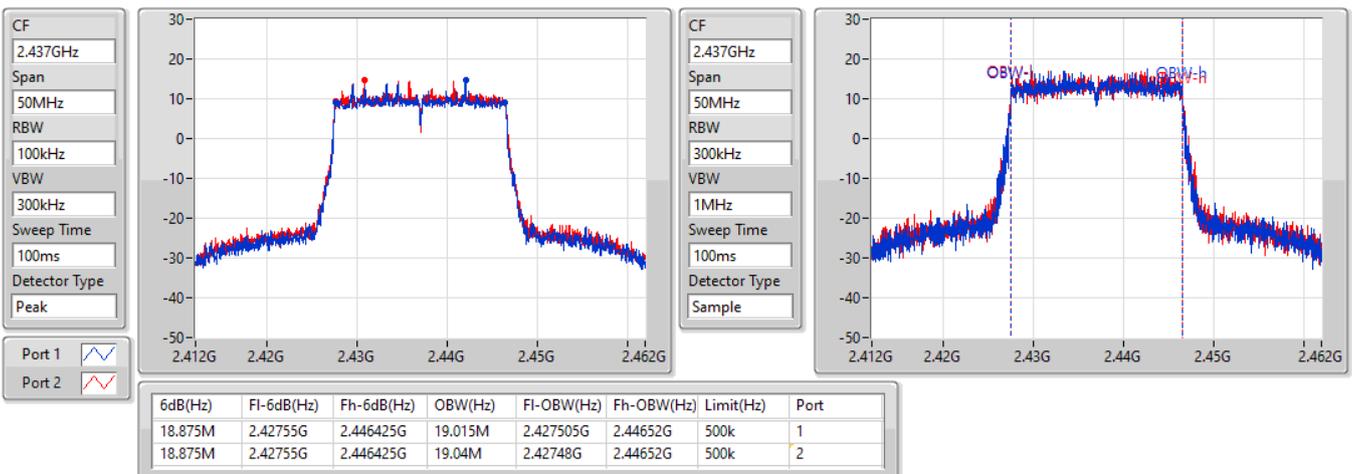


802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

2437MHz

23/06/2022

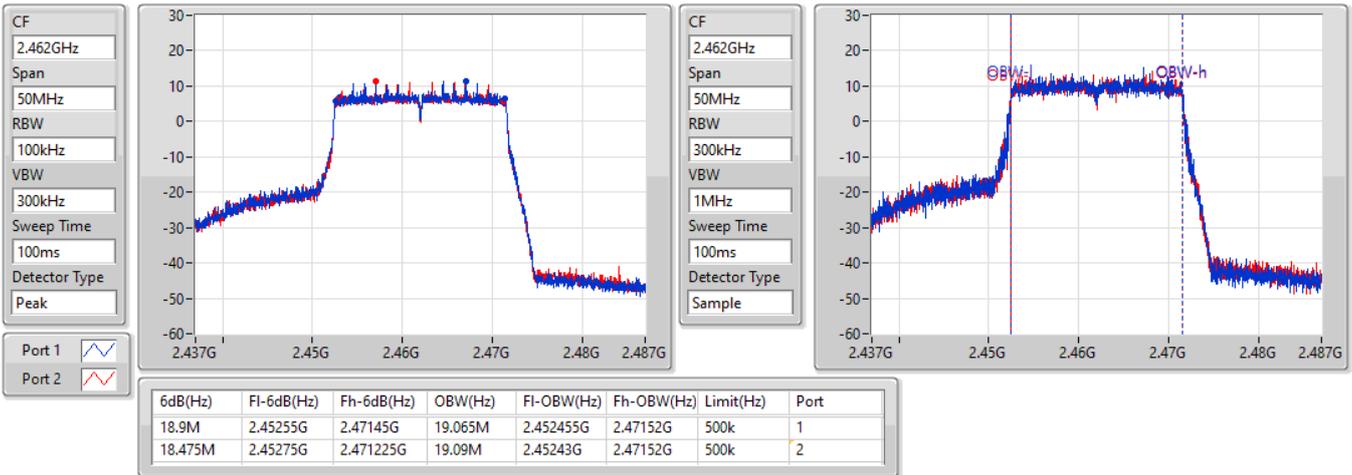


802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

2462MHz

23/06/2022

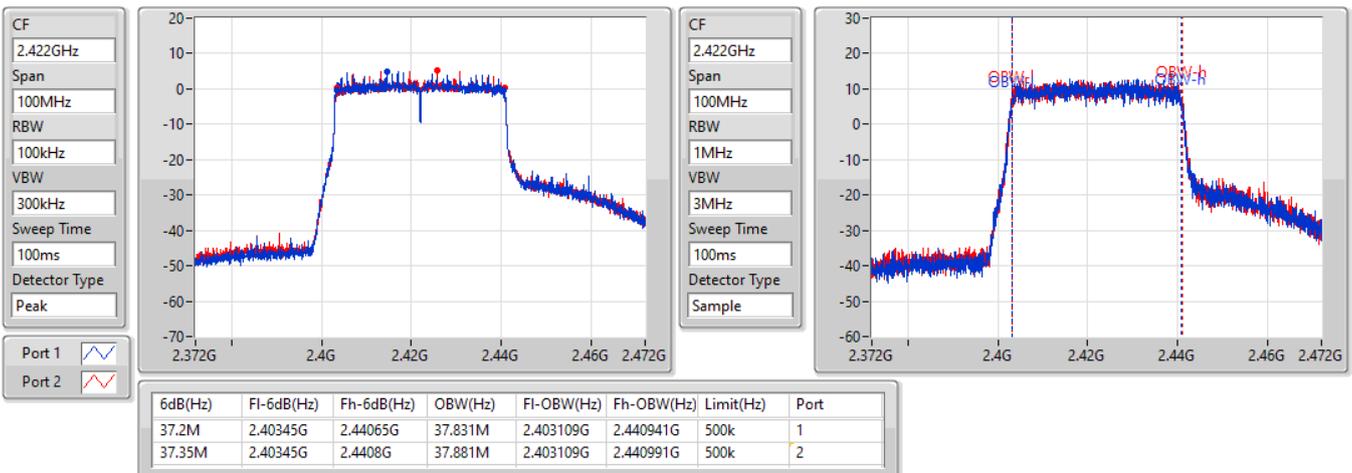


802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

2422MHz

23/06/2022

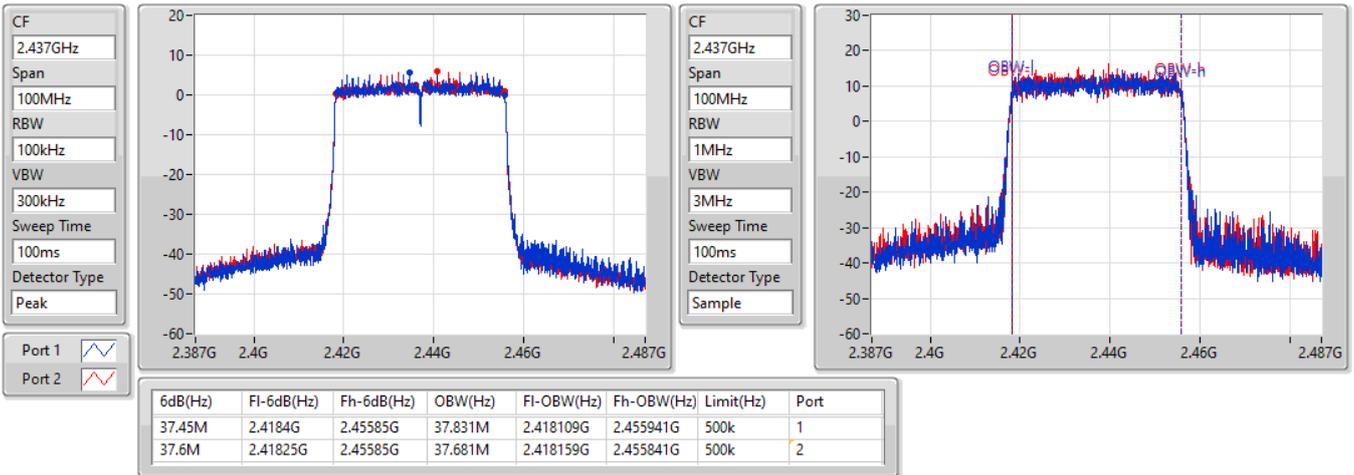


802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

2437MHz

23/06/2022

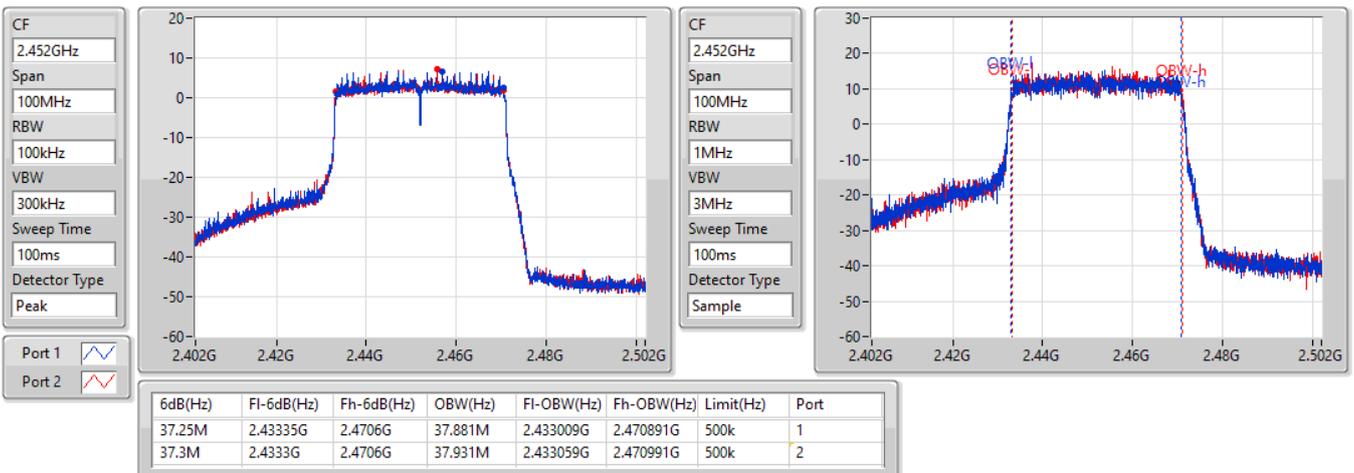


802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

2452MHz

23/06/2022





Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	19M	19.115M	19M1D1D	18.65M	19.065M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	37.5M	37.881M	37M9D1D	36.9M	37.631M

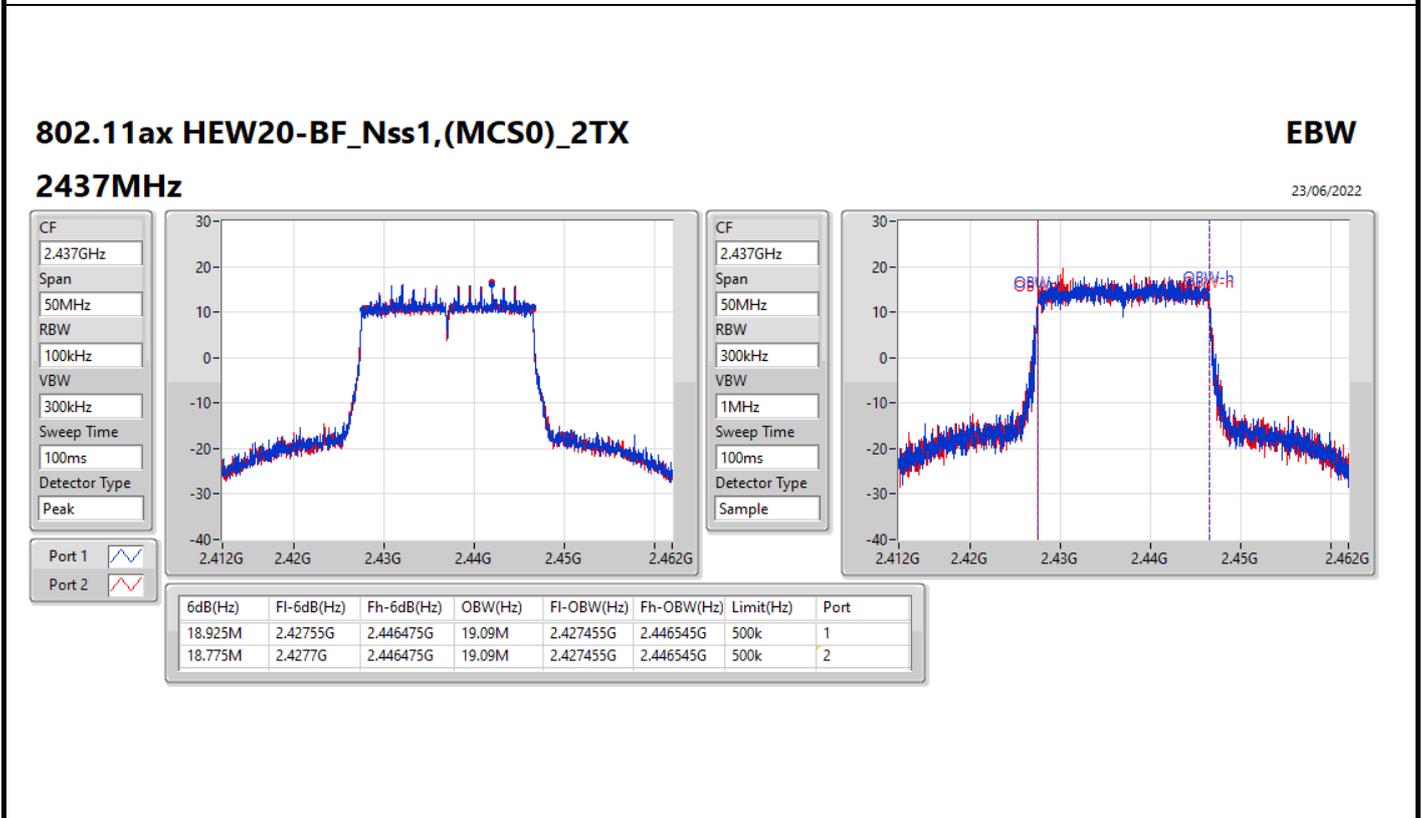
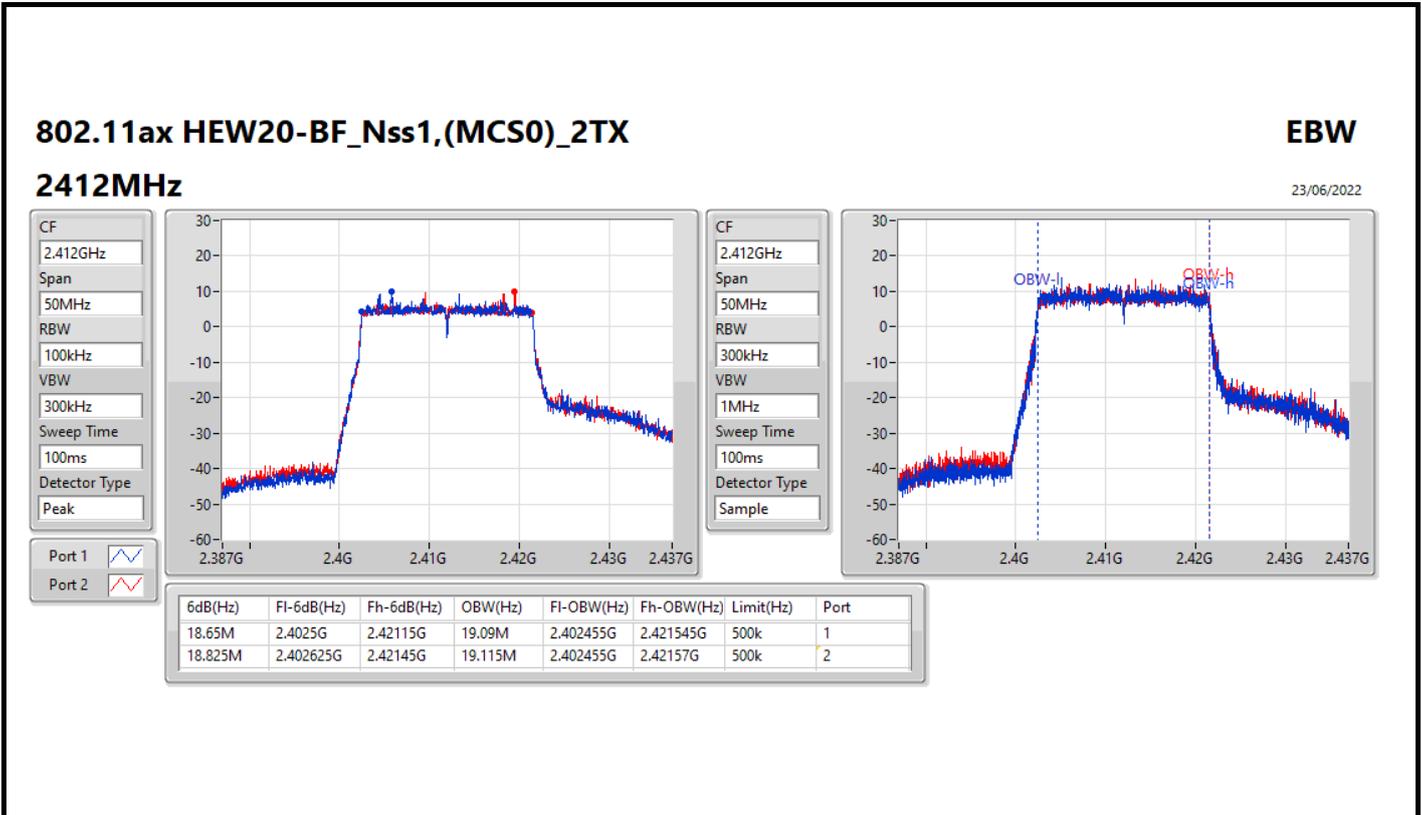
Max-N dB = Maximum 6dB down bandwidth; Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth; Min-OBW = Minimum 99% occupied bandwidth



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	18.65M	19.09M	18.825M	19.115M
2437MHz	Pass	500k	18.925M	19.09M	18.775M	19.09M
2462MHz	Pass	500k	19M	19.065M	18.775M	19.09M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	37.15M	37.831M	37.45M	37.881M
2437MHz	Pass	500k	37.5M	37.731M	37.15M	37.631M
2452MHz	Pass	500k	37.4M	37.881M	36.9M	37.781M

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



802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

2462MHz

23/06/2022

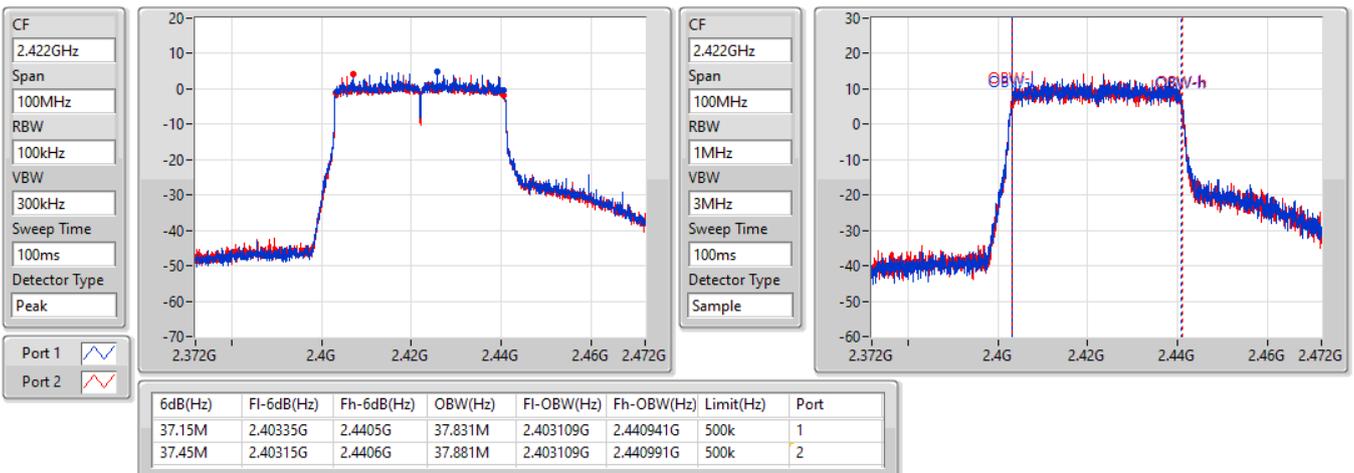


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

2422MHz

23/06/2022

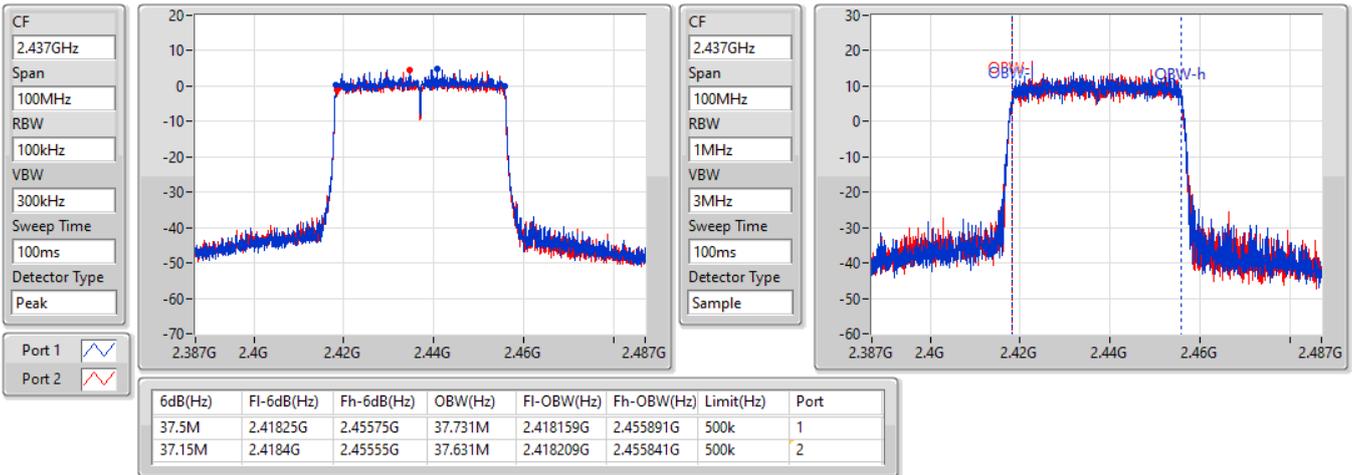


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

2437MHz

23/06/2022

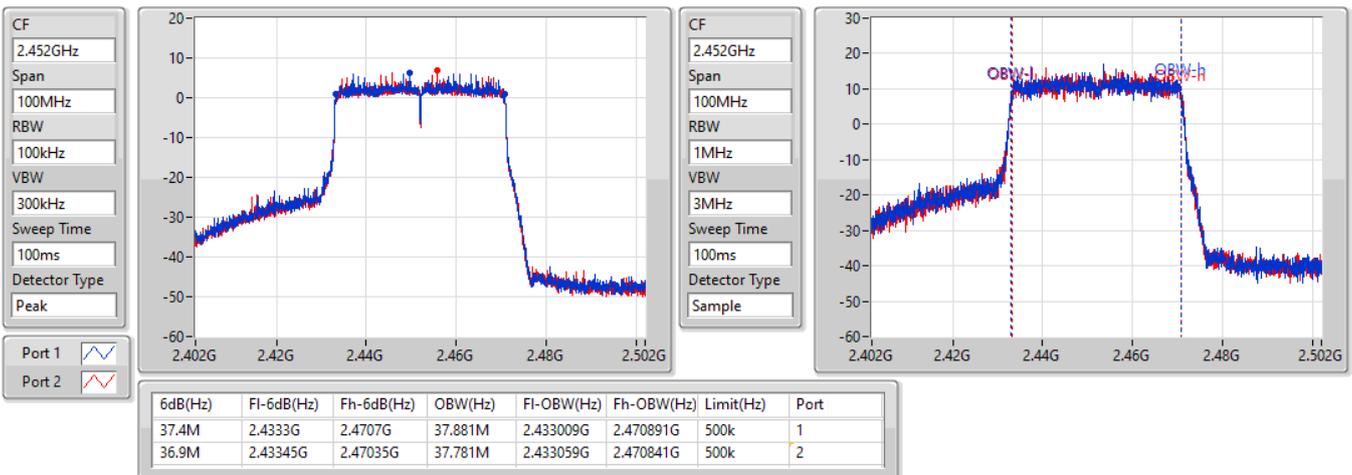


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

2452MHz

23/06/2022





Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	29.91	0.97949
802.11g_Nss1,(6Mbps)_2TX	29.56	0.90365



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.10	25.70	25.86	28.79	30.00
2417MHz	Pass	4.10	26.84	26.73	29.80	30.00
2437MHz	Pass	4.10	26.86	26.93	29.91	30.00
2462MHz	Pass	4.10	26.23	26.36	29.31	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.10	20.59	20.67	23.64	30.00
2417MHz	Pass	4.10	22.77	22.88	25.84	30.00
2437MHz	Pass	4.10	26.48	26.62	29.56	30.00
2457MHz	Pass	4.10	24.10	24.25	27.19	30.00
2462MHz	Pass	4.10	22.86	23.14	26.01	30.00

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



Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	28.98	0.79068
802.11ax HEW40_Nss2,(MCS0)_2TX	24.51	0.28249



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.10	19.87	20.19	23.04	30.00
2417MHz	Pass	4.10	22.16	22.20	25.19	30.00
2437MHz	Pass	4.10	25.75	26.17	28.98	30.00
2457MHz	Pass	4.10	23.49	23.73	26.62	30.00
2462MHz	Pass	4.10	22.47	22.55	25.52	30.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	4.10	19.31	19.51	22.42	30.00
2437MHz	Pass	4.10	20.60	20.93	23.78	30.00
2452MHz	Pass	4.10	21.40	21.59	24.51	30.00

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



Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	29.90	0.97724
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	23.78	0.23878



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.01	20.93	20.91	23.93	29.99
2417MHz	Pass	6.01	19.64	19.59	22.63	29.99
2437MHz	Pass	6.01	26.85	26.92	29.90	29.99
2457MHz	Pass	6.01	23.65	23.39	26.53	29.99
2462MHz	Pass	6.01	20.77	20.67	23.73	29.99
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	6.01	18.96	18.73	21.86	29.99
2437MHz	Pass	6.01	19.44	19.21	22.34	29.99
2452MHz	Pass	6.01	20.80	20.74	23.78	29.99

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



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	6.57
802.11g_Nss1,(6Mbps)_2TX	3.99

RBW = 3kHz;



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.01	4.07	2.99	6.57	7.99
2437MHz	Pass	6.01	3.44	3.43	5.63	7.99
2462MHz	Pass	6.01	3.08	3.82	5.80	7.99
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.01	-5.43	-5.36	-2.72	7.99
2437MHz	Pass	6.01	0.91	1.05	3.99	7.99
2462MHz	Pass	6.01	-3.02	-3.03	-0.52	7.99

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

802.11b_Nss1,(1Mbps)_2TX

PSD

2412MHz

23/06/2022

CF
2.412GHz

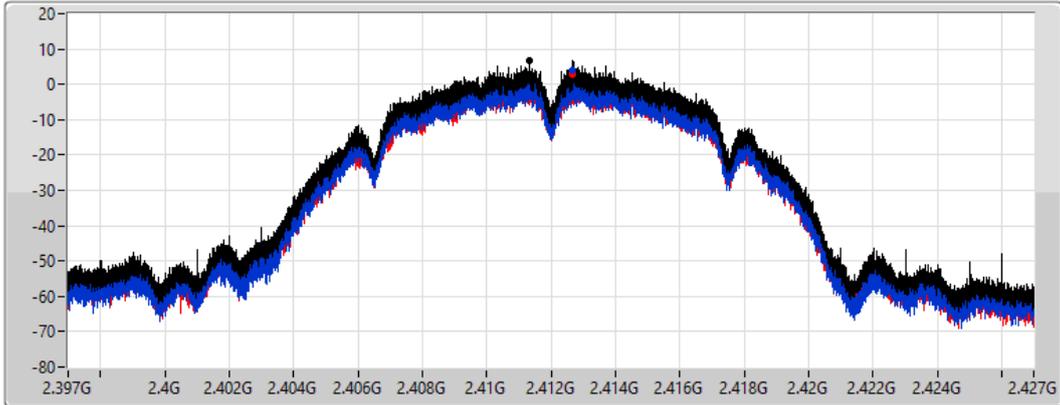
Span
30MHz

RBW
3kHz

VBW
10kHz

Sweep Time
4.424357ms

Detector Type
Peak



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.57	6.57	4.07	2.99

802.11b_Nss1,(1Mbps)_2TX

PSD

2437MHz

23/06/2022

CF
2.437GHz

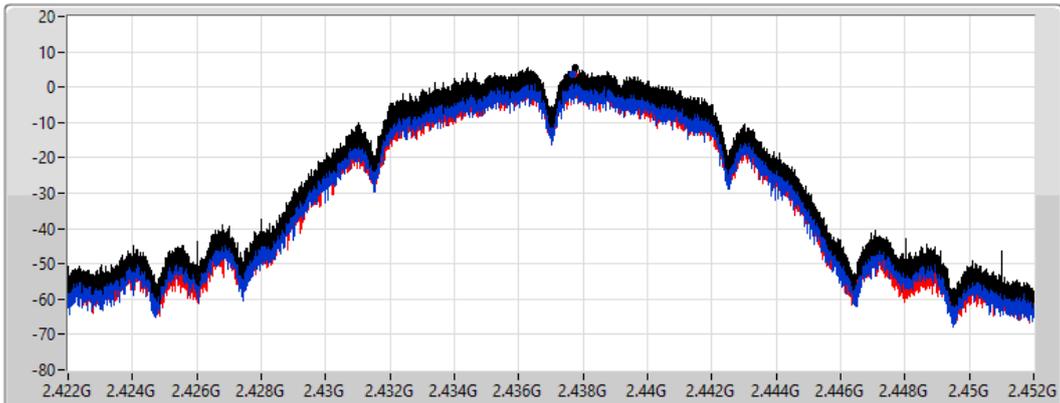
Span
30MHz

RBW
3kHz

VBW
10kHz

Sweep Time
4.424357ms

Detector Type
Peak



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.63	5.63	3.44	3.43

802.11b_Nss1,(1Mbps)_2TX

PSD

2462MHz

23/06/2022

CF
2.462GHz

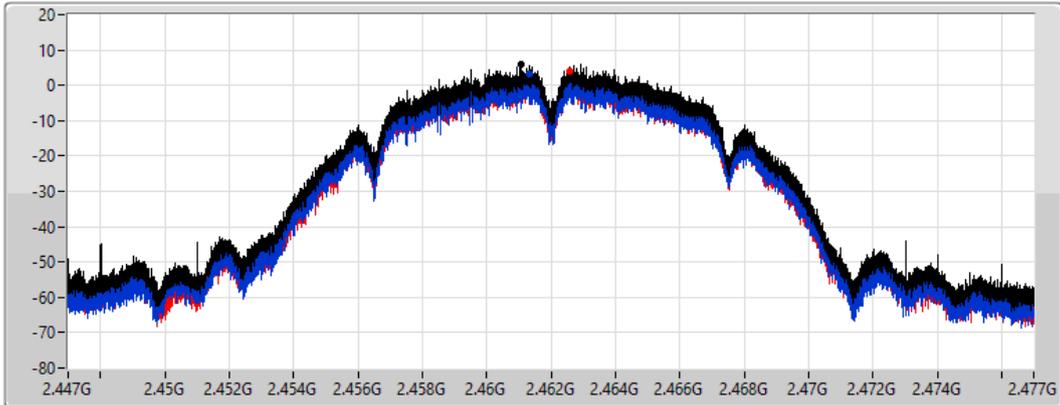
Span
30MHz

RBW
3kHz

VBW
10kHz

Sweep Time
4.424357ms

Detector Type
Peak



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.80	5.80	3.08	3.82

802.11g_Nss1,(6Mbps)_2TX

PSD

2412MHz

23/06/2022

CF
2.412GHz

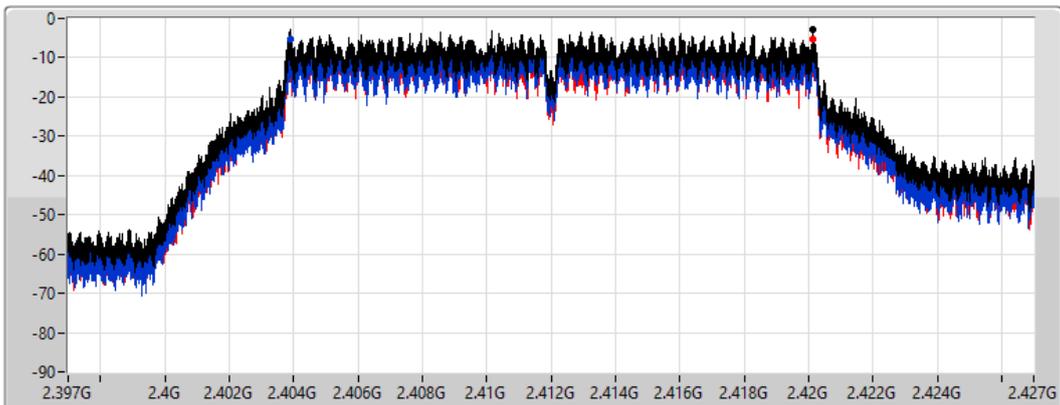
Span
30MHz

RBW
3kHz

VBW
10kHz

Sweep Time
4.424357ms

Detector Type
Peak



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.72	-2.72	-5.43	-5.36

802.11g_Nss1,(6Mbps)_2TX

PSD

2437MHz

23/06/2022

CF
2.437GHz

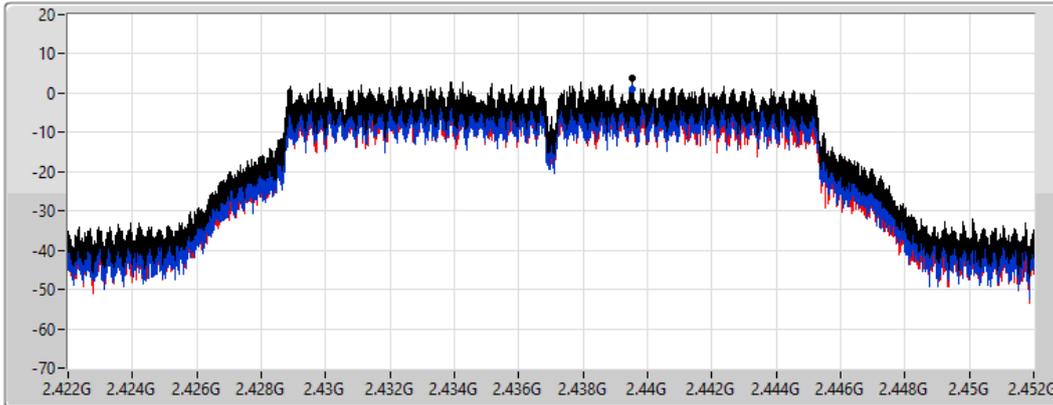
Span
30MHz

RBW
3kHz

VBW
10kHz

Sweep Time
4.424357ms

Detector Type
Peak



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.99	3.99	0.91	1.05

802.11g_Nss1,(6Mbps)_2TX

PSD

2462MHz

23/06/2022

CF
2.462GHz

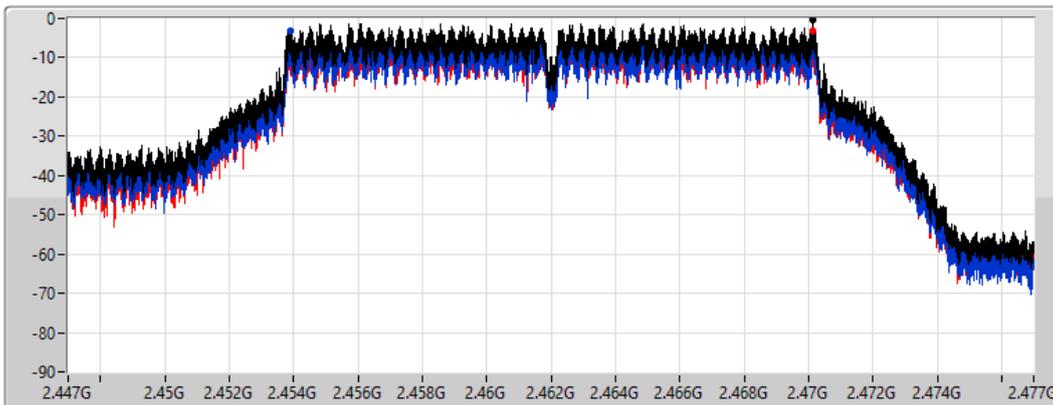
Span
30MHz

RBW
3kHz

VBW
10kHz

Sweep Time
4.424357ms

Detector Type
Peak



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.52	-0.52	-3.02	-3.03



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11ax HEW20_Nss2,(MCS0)_2TX	1.08
802.11ax HEW40_Nss2,(MCS0)_2TX	-6.57

RBW = 3kHz;



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.10	-6.97	-6.17	-5.55	8.00
2437MHz	Pass	4.10	-0.68	-0.67	1.08	8.00
2462MHz	Pass	4.10	-3.73	-3.48	-2.27	8.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	4.10	-10.49	-9.49	-8.47	8.00
2437MHz	Pass	4.10	-8.99	-8.68	-6.93	8.00
2452MHz	Pass	4.10	-7.22	-7.37	-6.57	8.00

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

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

2412MHz

23/06/2022

CF
2.412GHz

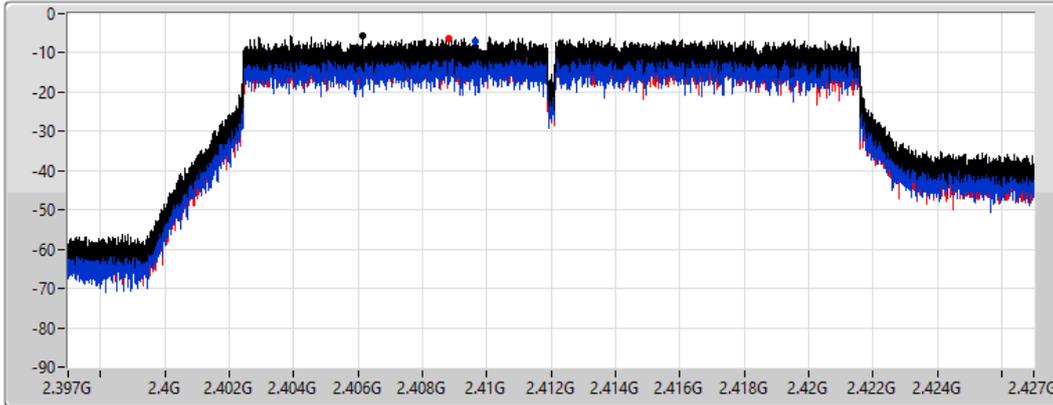
Span
30MHz

RBW
3kHz

VBW
10kHz

Sweep Time
4.424357ms

Detector Type
Peak



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.55	-5.55	-6.97	-6.17

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

2437MHz

23/06/2022

CF
2.437GHz

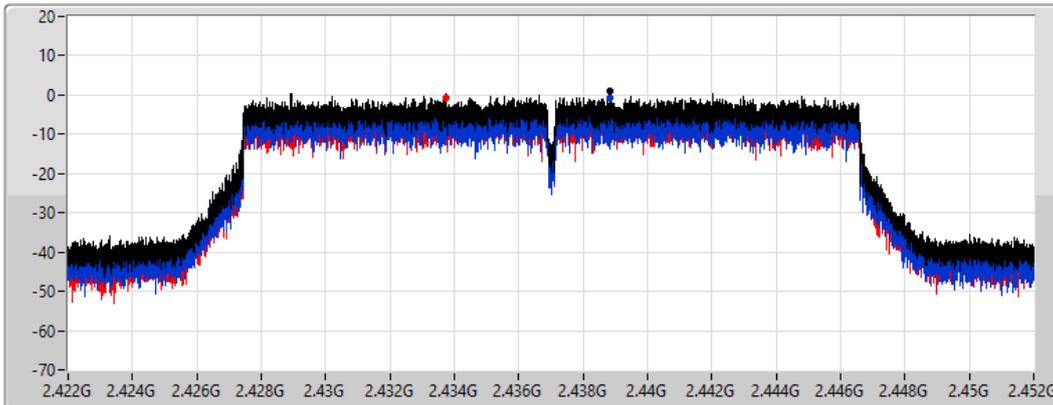
Span
30MHz

RBW
3kHz

VBW
10kHz

Sweep Time
4.424357ms

Detector Type
Peak



Sum 

Port 1 

Port 2 

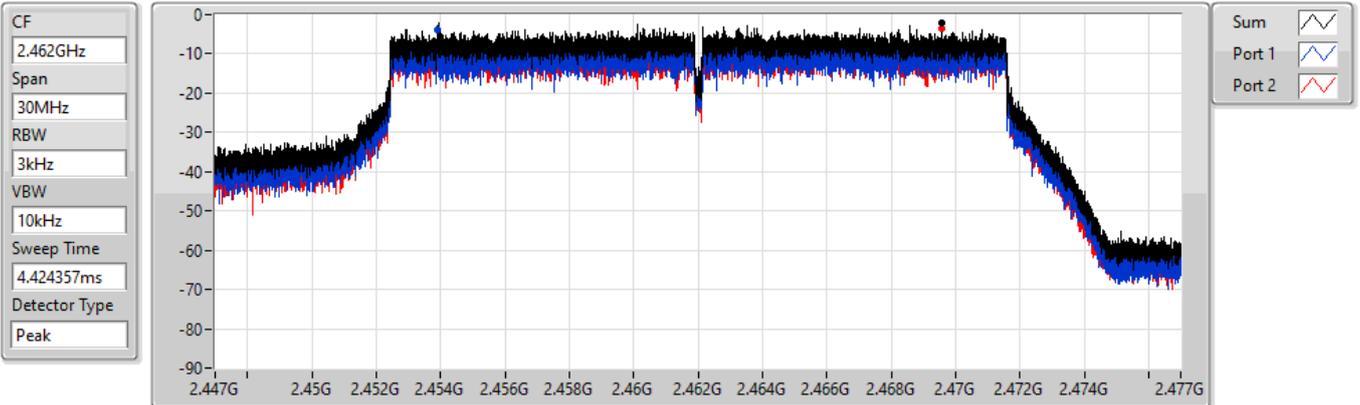
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.08	1.08	-0.68	-0.67

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

2462MHz

23/06/2022



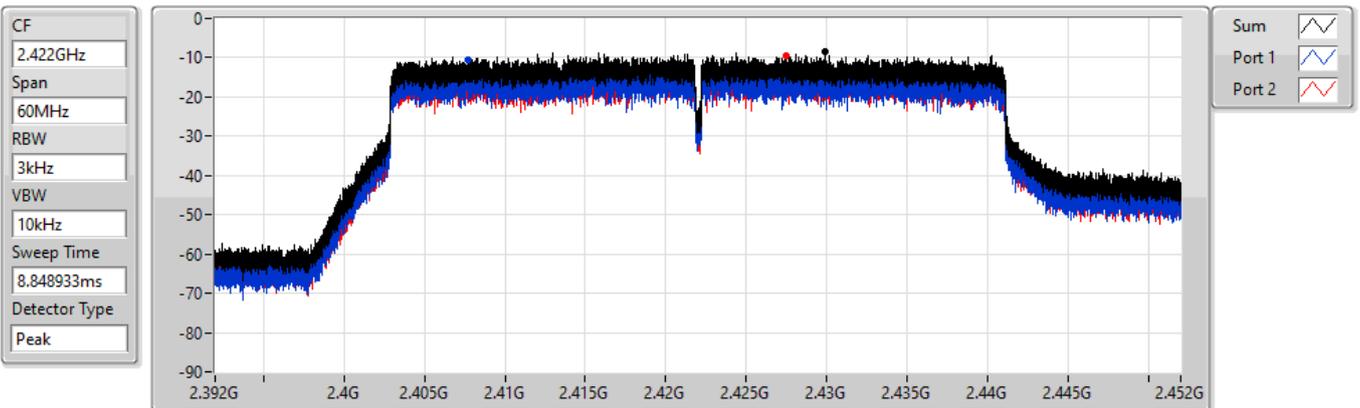
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.27	-2.27	-3.73	-3.48

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

2422MHz

23/06/2022



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.47	-8.47	-10.49	-9.49

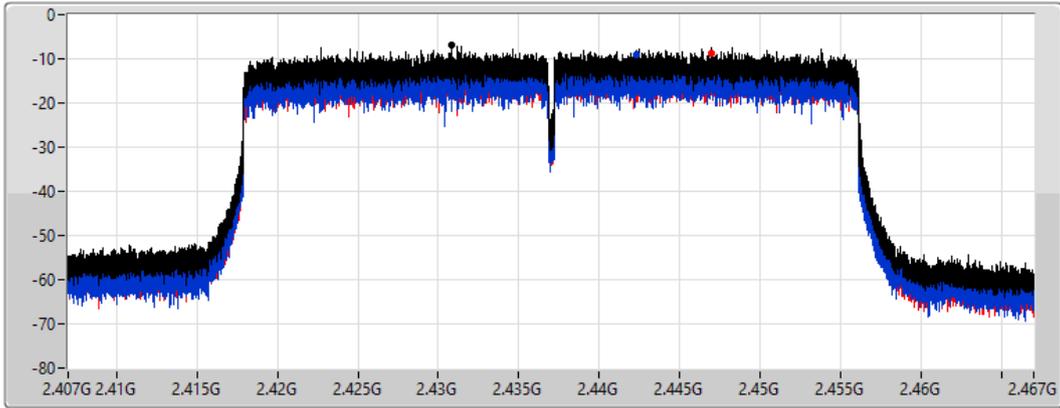
802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

2437MHz

23/06/2022

CF
2.437GHz
Span
60MHz
RBW
3kHz
VBW
10kHz
Sweep Time
8.848933ms
Detector Type
Peak



Sum 
Port 1 
Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.93	-6.93	-8.99	-8.68

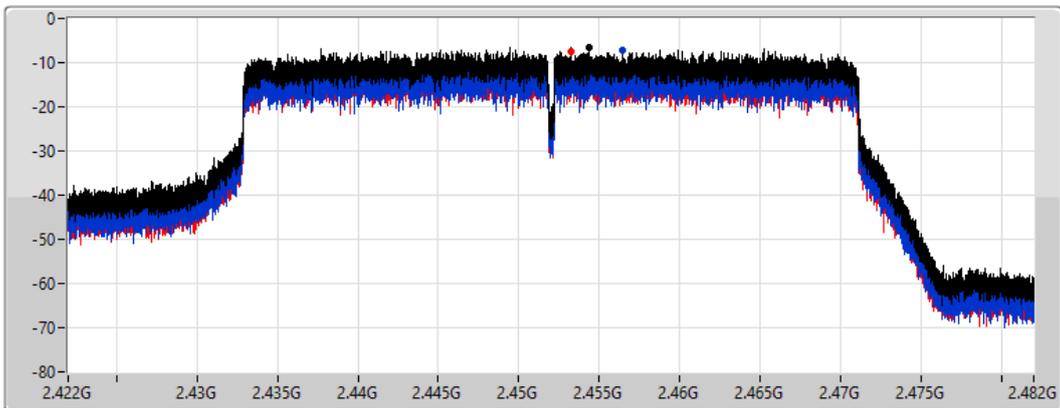
802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

2452MHz

23/06/2022

CF
2.452GHz
Span
60MHz
RBW
3kHz
VBW
10kHz
Sweep Time
8.848933ms
Detector Type
Peak



Sum 
Port 1 
Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.57	-6.57	-7.22	-7.37



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	2.77
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-6.09

RBW = 3kHz;



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.01	-6.54	-3.96	-2.45	7.99
2417MHz						
2437MHz	Pass	6.01	-0.40	1.29	2.77	7.99
2457MHz						
2462MHz	Pass	6.01	-4.66	-5.80	-2.31	7.99
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	6.01	-9.60	-9.41	-7.74	7.99
2437MHz	Pass	6.01	-9.96	-9.64	-7.13	7.99
2452MHz	Pass	6.01	-8.18	-7.87	-6.09	7.99

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

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

2412MHz

23/06/2022

CF
2.412GHz

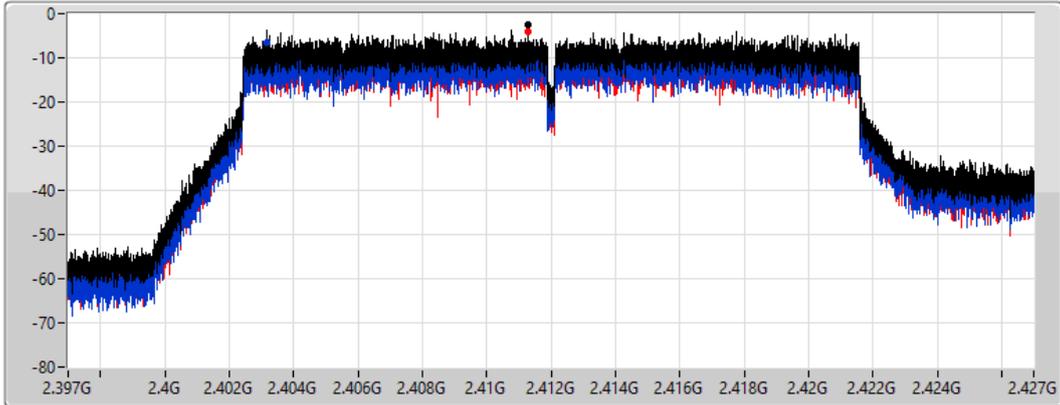
Span
30MHz

RBW
3kHz

VBW
10kHz

Sweep Time
4.424357ms

Detector Type
Peak



Sum

Port 1

Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.45	-2.45	-6.54	-3.96

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

2437MHz

23/06/2022

CF
2.437GHz

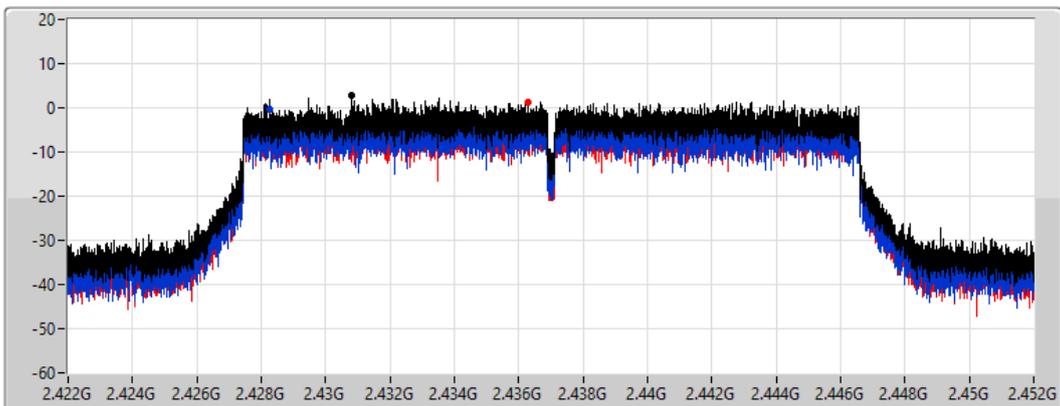
Span
30MHz

RBW
3kHz

VBW
10kHz

Sweep Time
4.424357ms

Detector Type
Peak



Sum

Port 1

Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.77	2.77	-0.40	1.29

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

2462MHz

23/06/2022

CF
2.462GHz

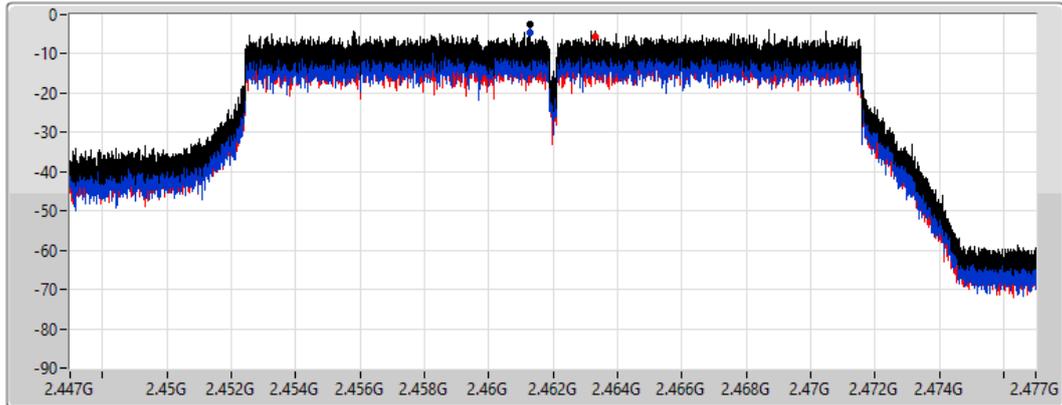
Span
30MHz

RBW
3kHz

VBW
10kHz

Sweep Time
4.424357ms

Detector Type
Peak



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.31	-2.31	-4.66	-5.80

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

2422MHz

23/06/2022

CF
2.422GHz

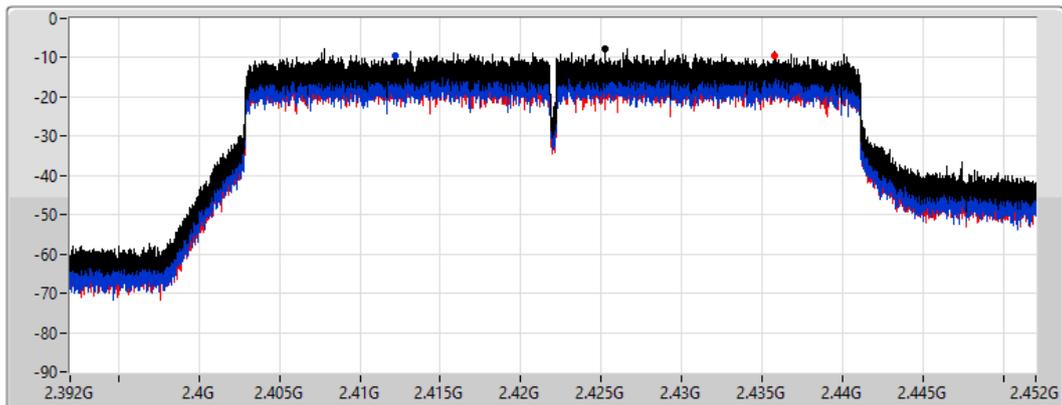
Span
60MHz

RBW
3kHz

VBW
10kHz

Sweep Time
8.848933ms

Detector Type
Peak



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.74	-7.74	-9.60	-9.41

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

2437MHz

23/06/2022

CF
2.437GHz

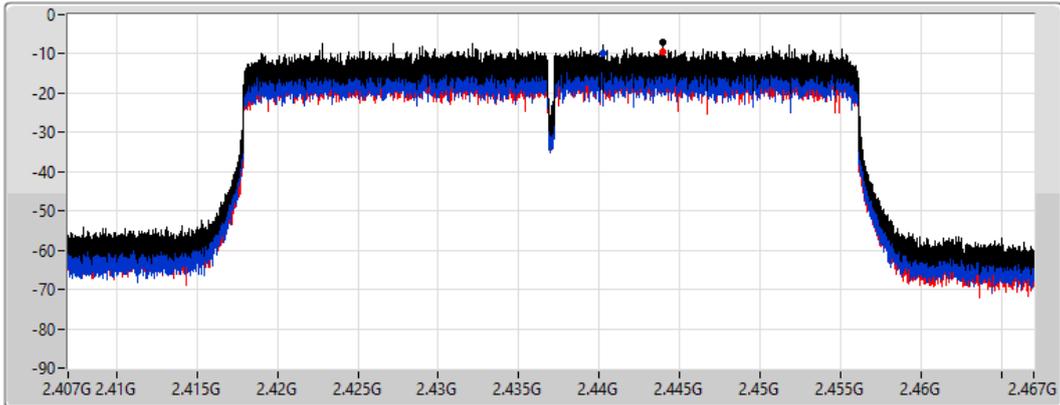
Span
60MHz

RBW
3kHz

VBW
10kHz

Sweep Time
8.848933ms

Detector Type
Peak



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.13	-7.13	-9.96	-9.64

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

2452MHz

23/06/2022

CF
2.452GHz

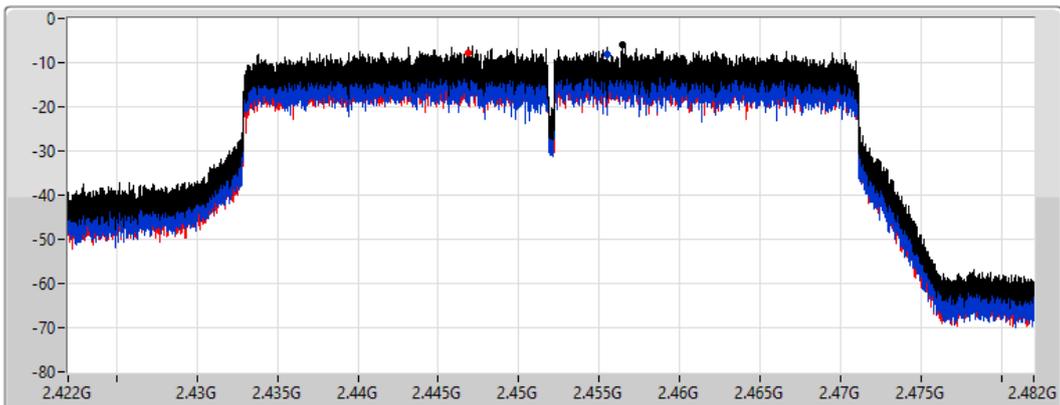
Span
60MHz

RBW
3kHz

VBW
10kHz

Sweep Time
8.848933ms

Detector Type
Peak



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.09	-6.09	-8.18	-7.87



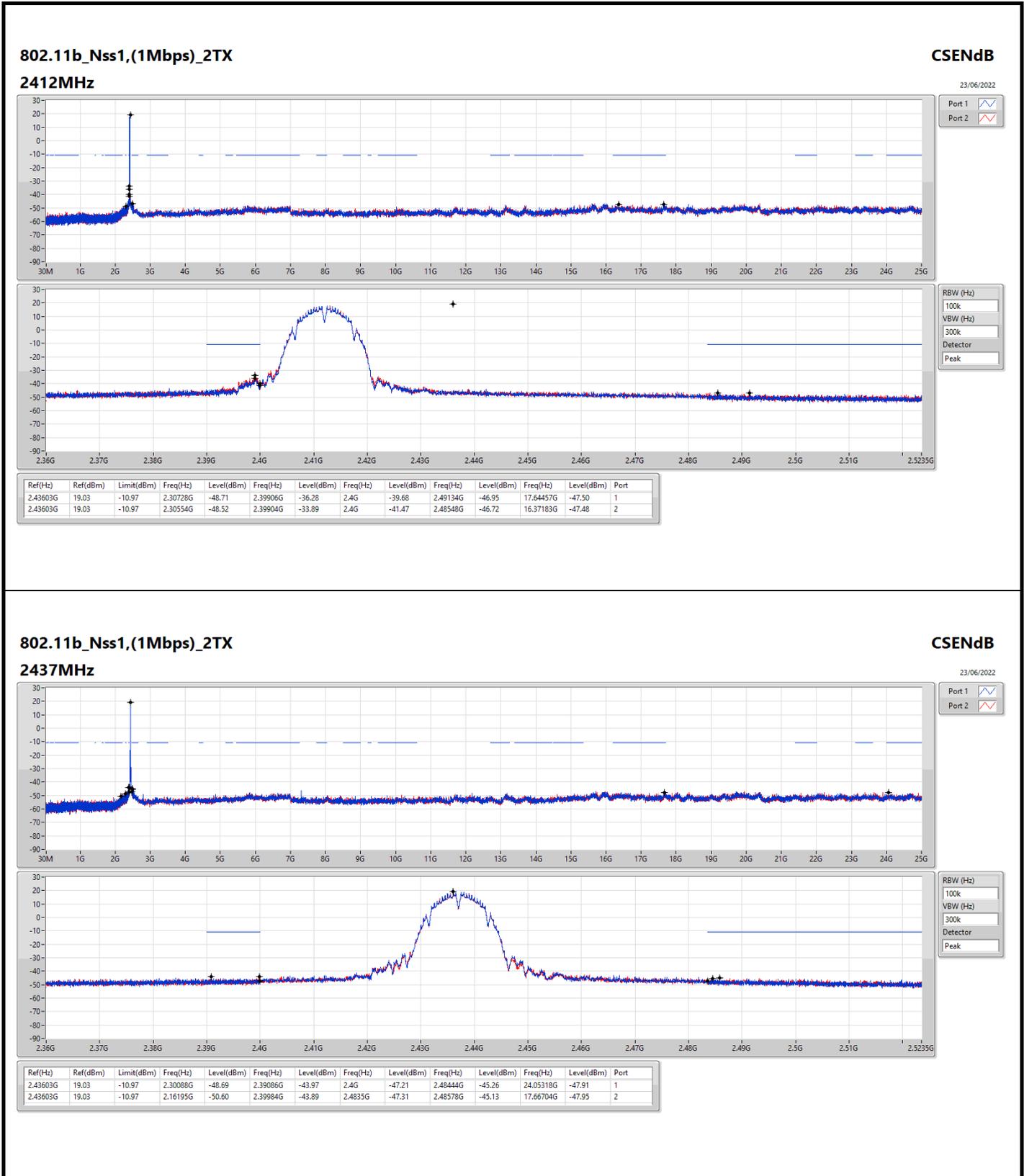
Summary

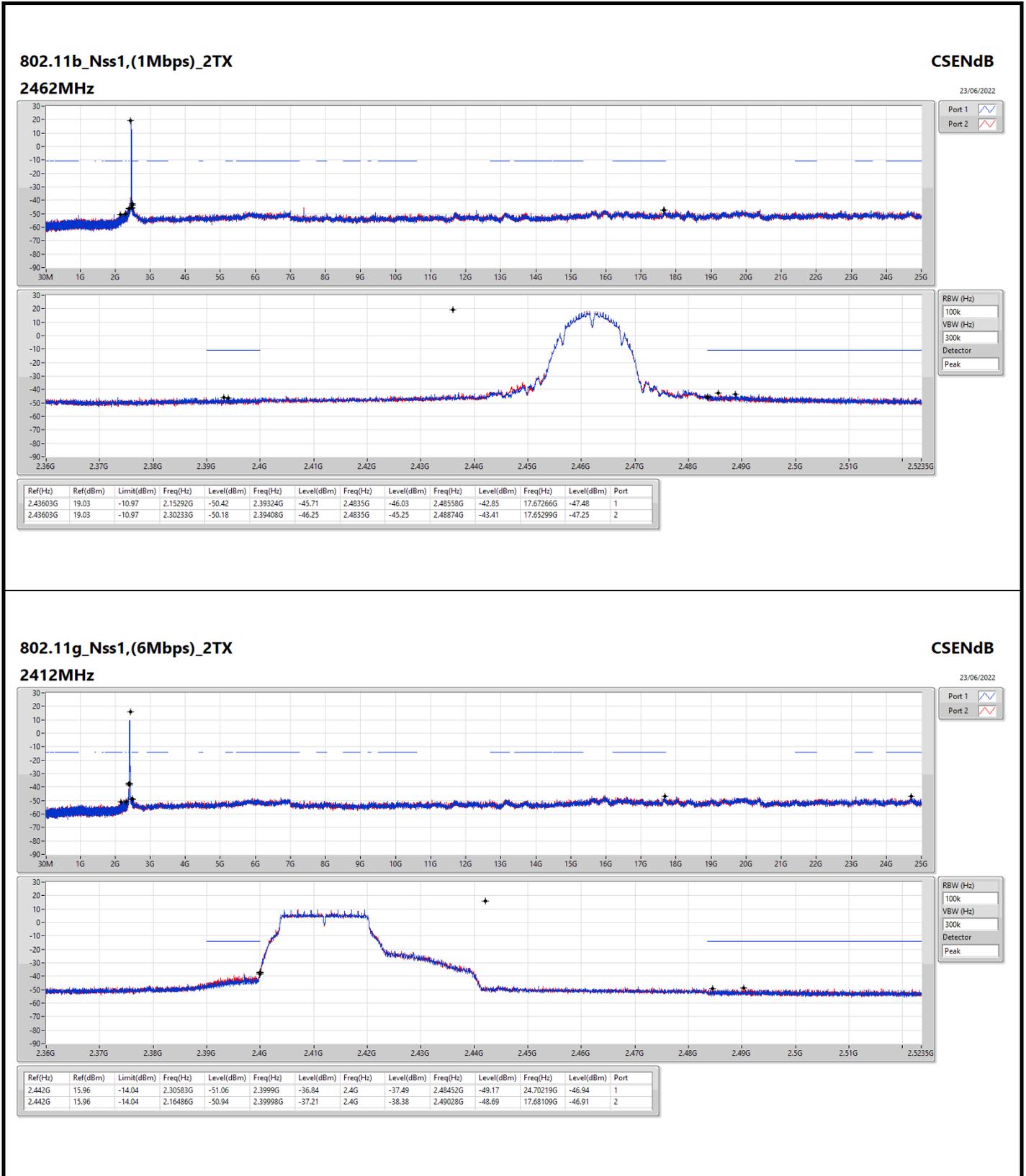
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Port								
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.43603G	19.03	-10.97	2.30554G	-48.52	2.39904G	-33.89	2.4G	-41.47	2.48548G	-46.72	16.37183G	-47.48	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.442G	15.96	-14.04	2.30583G	-51.06	2.3999G	-36.84	2.4G	-37.49	2.48452G	-49.17	24.70219G	-46.94	1

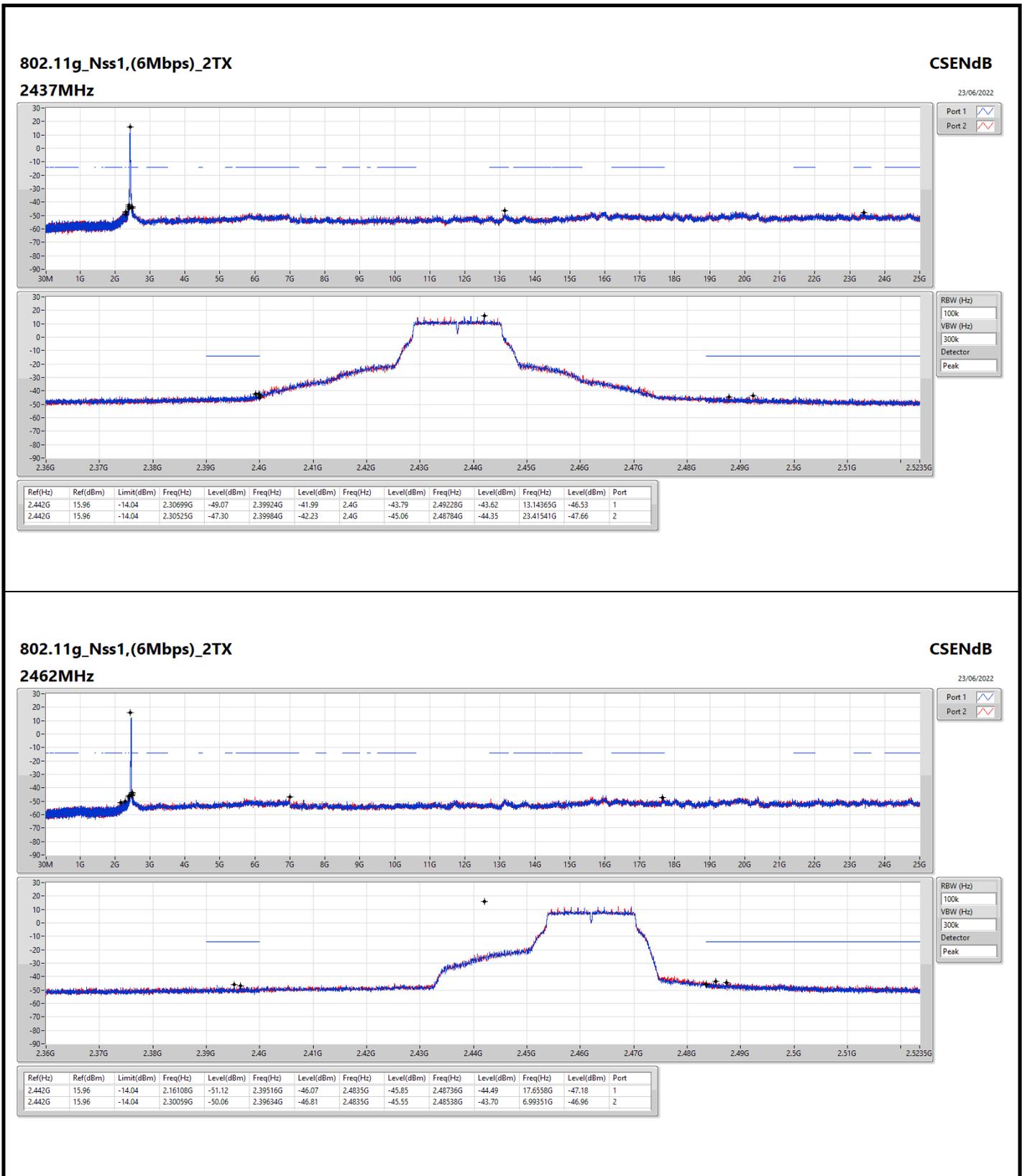


Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Port								
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43603G	19.03	-10.97	2.30728G	-48.71	2.39906G	-36.28	2.4G	-39.68	2.49134G	-46.95	17.64457G	-47.50	1
2412MHz	Pass	2.43603G	19.03	-10.97	2.30554G	-48.52	2.39904G	-33.89	2.4G	-41.47	2.48548G	-46.72	16.37183G	-47.48	2
2437MHz	Pass	2.43603G	19.03	-10.97	2.30088G	-48.69	2.39086G	-43.97	2.4G	-47.21	2.48444G	-45.26	24.05318G	-47.91	1
2437MHz	Pass	2.43603G	19.03	-10.97	2.16195G	-50.60	2.39984G	-43.89	2.4835G	-47.31	2.48578G	-45.13	17.66704G	-47.95	2
2462MHz	Pass	2.43603G	19.03	-10.97	2.15292G	-50.42	2.39324G	-45.71	2.4835G	-46.03	2.48558G	-42.85	17.67266G	-47.48	1
2462MHz	Pass	2.43603G	19.03	-10.97	2.30233G	-50.18	2.39408G	-46.25	2.4835G	-45.25	2.48874G	-43.41	17.65299G	-47.25	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.442G	15.96	-14.04	2.30583G	-51.06	2.3999G	-36.84	2.4G	-37.49	2.48452G	-49.17	24.70219G	-46.94	1
2412MHz	Pass	2.442G	15.96	-14.04	2.16486G	-50.94	2.39998G	-37.21	2.4G	-38.38	2.49028G	-48.69	17.68109G	-46.91	2
2437MHz	Pass	2.442G	15.96	-14.04	2.30699G	-49.07	2.39924G	-41.99	2.4G	-43.79	2.49228G	-43.62	13.14365G	-46.53	1
2437MHz	Pass	2.442G	15.96	-14.04	2.30525G	-47.30	2.39984G	-42.23	2.4G	-45.06	2.48784G	-44.35	23.41541G	-47.66	2
2462MHz	Pass	2.442G	15.96	-14.04	2.16108G	-51.12	2.39516G	-46.07	2.4835G	-45.85	2.48736G	-44.49	17.6558G	-47.18	1
2462MHz	Pass	2.442G	15.96	-14.04	2.30059G	-50.06	2.39634G	-46.81	2.4835G	-45.55	2.48538G	-43.70	6.99351G	-46.96	2









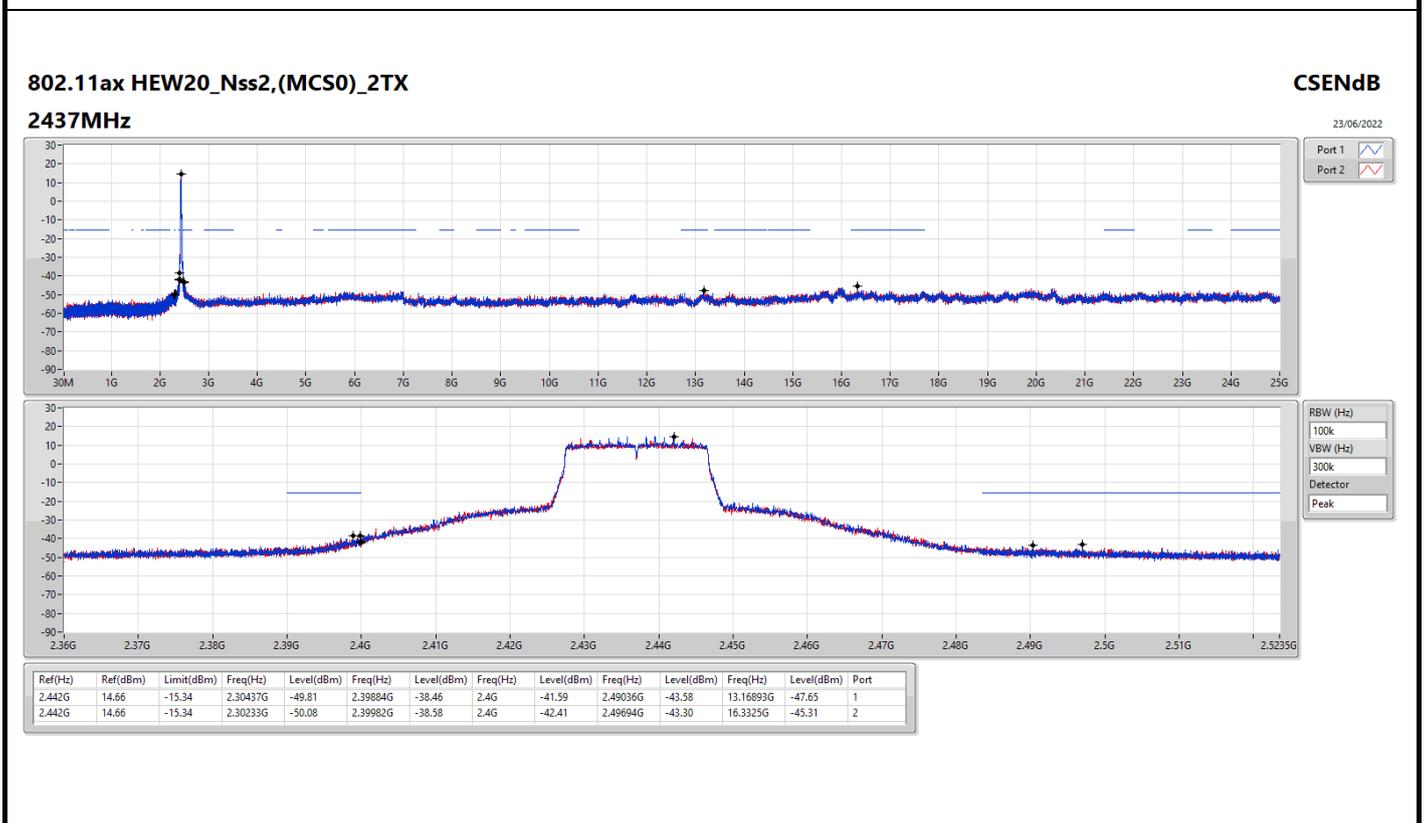
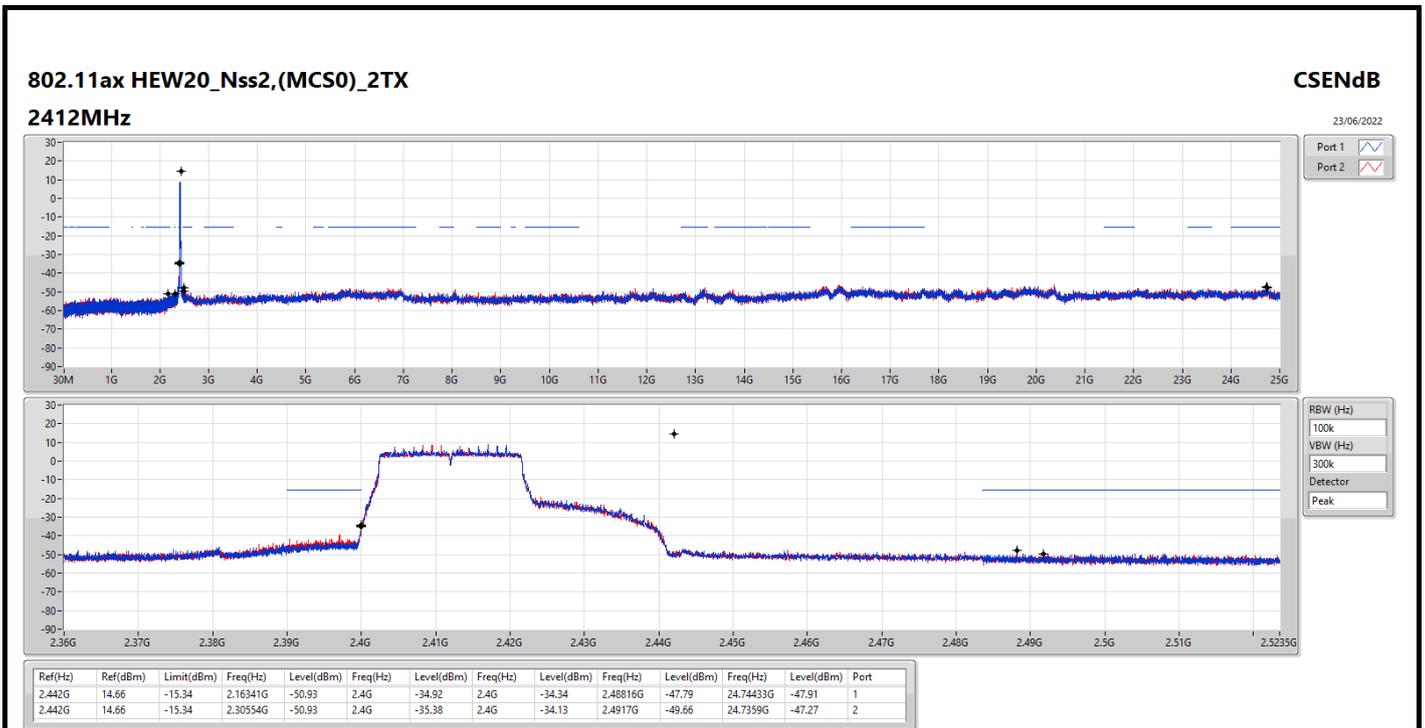
Summary

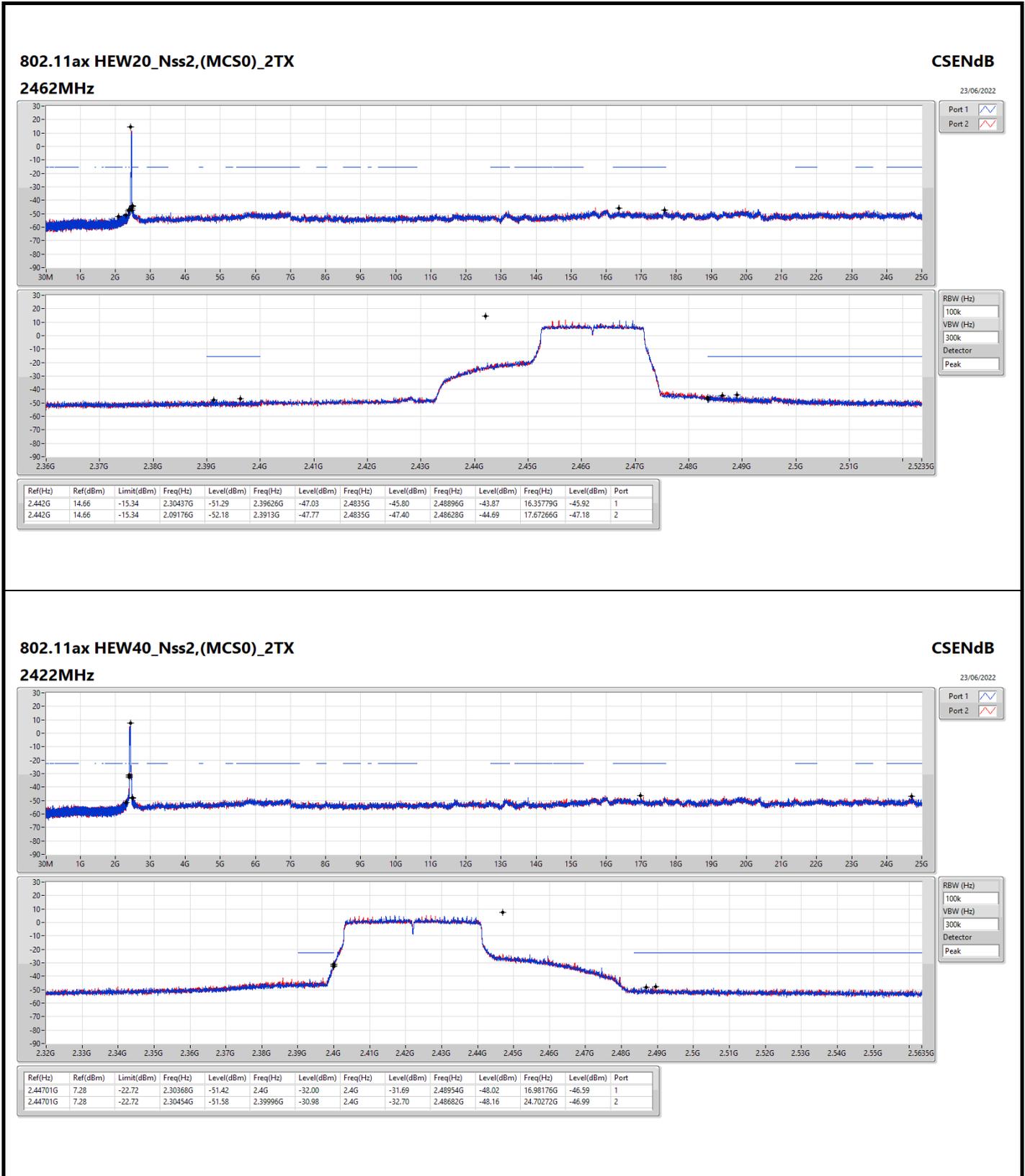
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Port								
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	Pass	2.442G	14.66	-15.34	2.30554G	-50.93	2.4G	-35.38	2.4G	-34.13	2.4917G	-49.66	24.7359G	-47.27	2
802.11ax HEW40_Nss2,(MCS0)_2TX	Pass	2.44701G	7.28	-22.72	2.30454G	-51.58	2.39996G	-30.98	2.4G	-32.70	2.48682G	-48.16	24.70272G	-46.99	2



Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Port								
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.442G	14.66	-15.34	2.16341G	-50.93	2.4G	-34.92	2.4G	-34.34	2.48816G	-47.79	24.74433G	-47.91	1
2412MHz	Pass	2.442G	14.66	-15.34	2.30554G	-50.93	2.4G	-35.38	2.4G	-34.13	2.4917G	-49.66	24.7359G	-47.27	2
2437MHz	Pass	2.442G	14.66	-15.34	2.30437G	-49.81	2.39884G	-38.46	2.4G	-41.59	2.49036G	-43.58	13.16893G	-47.65	1
2437MHz	Pass	2.442G	14.66	-15.34	2.30233G	-50.08	2.39982G	-38.58	2.4G	-42.41	2.49694G	-43.30	16.3325G	-45.31	2
2462MHz	Pass	2.442G	14.66	-15.34	2.30437G	-51.29	2.39626G	-47.03	2.4835G	-45.80	2.48896G	-43.87	16.35779G	-45.92	1
2462MHz	Pass	2.442G	14.66	-15.34	2.09176G	-52.18	2.3913G	-47.77	2.4835G	-47.40	2.48628G	-44.69	17.67266G	-47.18	2
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.44701G	7.28	-22.72	2.30368G	-51.42	2.4G	-32.00	2.4G	-31.69	2.48954G	-48.02	16.98176G	-46.59	1
2422MHz	Pass	2.44701G	7.28	-22.72	2.30454G	-51.58	2.39996G	-30.98	2.4G	-32.70	2.48682G	-48.16	24.70272G	-46.99	2
2437MHz	Pass	2.44701G	7.28	-22.72	2.30912G	-51.16	2.39736G	-38.84	2.4G	-42.88	2.4835G	-42.24	23.42945G	-46.72	1
2437MHz	Pass	2.44701G	7.28	-22.72	2.30941G	-51.59	2.39956G	-37.40	2.4G	-43.52	2.48494G	-43.54	23.35092G	-47.84	2
2452MHz	Pass	2.44701G	7.28	-22.72	2.30139G	-51.15	2.39948G	-33.47	2.4G	-37.23	2.49446G	-43.32	17.69411G	-47.19	1
2452MHz	Pass	2.44701G	7.28	-22.72	2.3097G	-50.51	2.39952G	-31.71	2.4G	-38.30	2.49794G	-42.94	24.10534G	-47.84	2



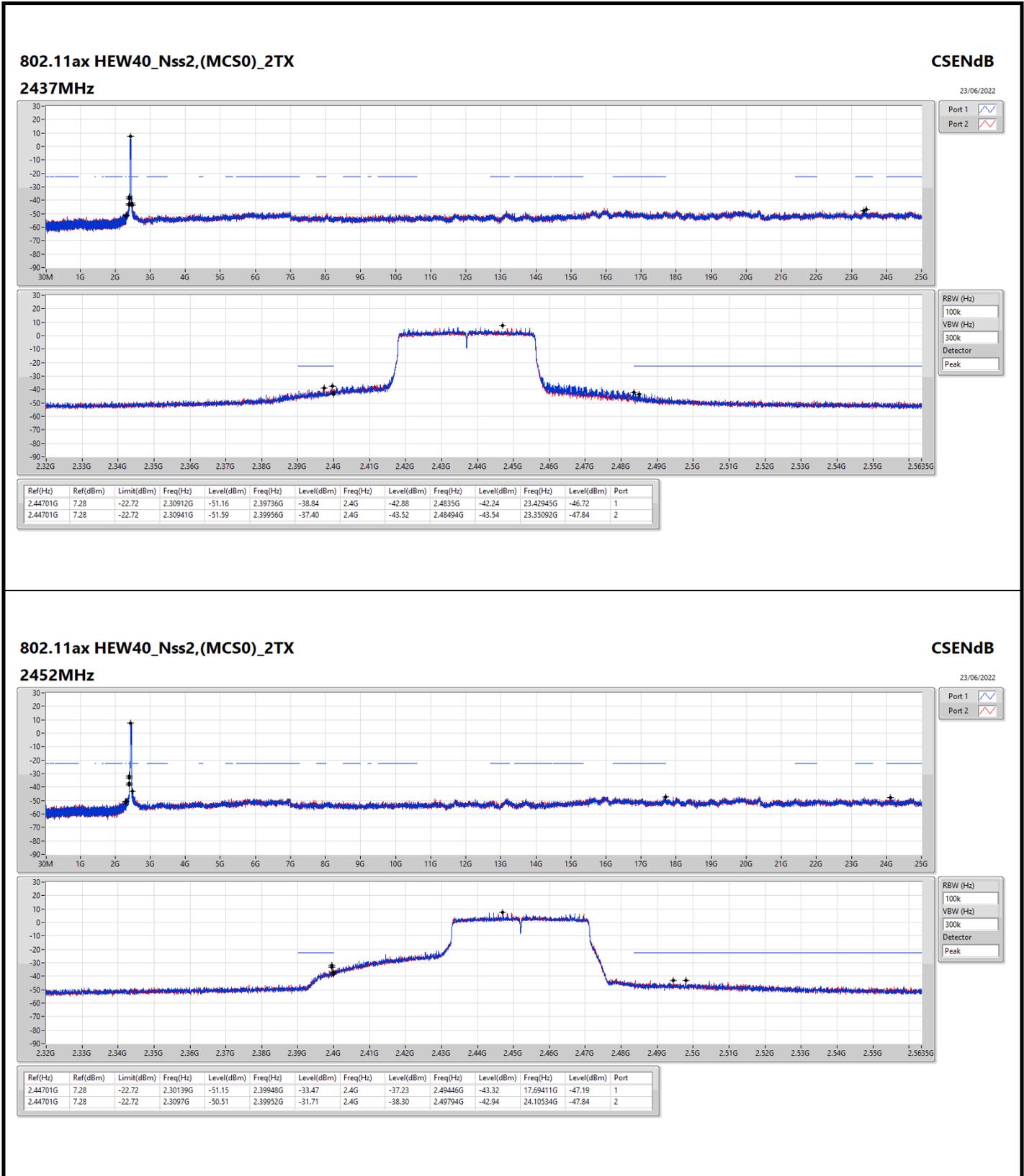


802.11ax HEW40_Nss2,(MCS0)_2TX

2422MHz

CSENdB

23/06/2022





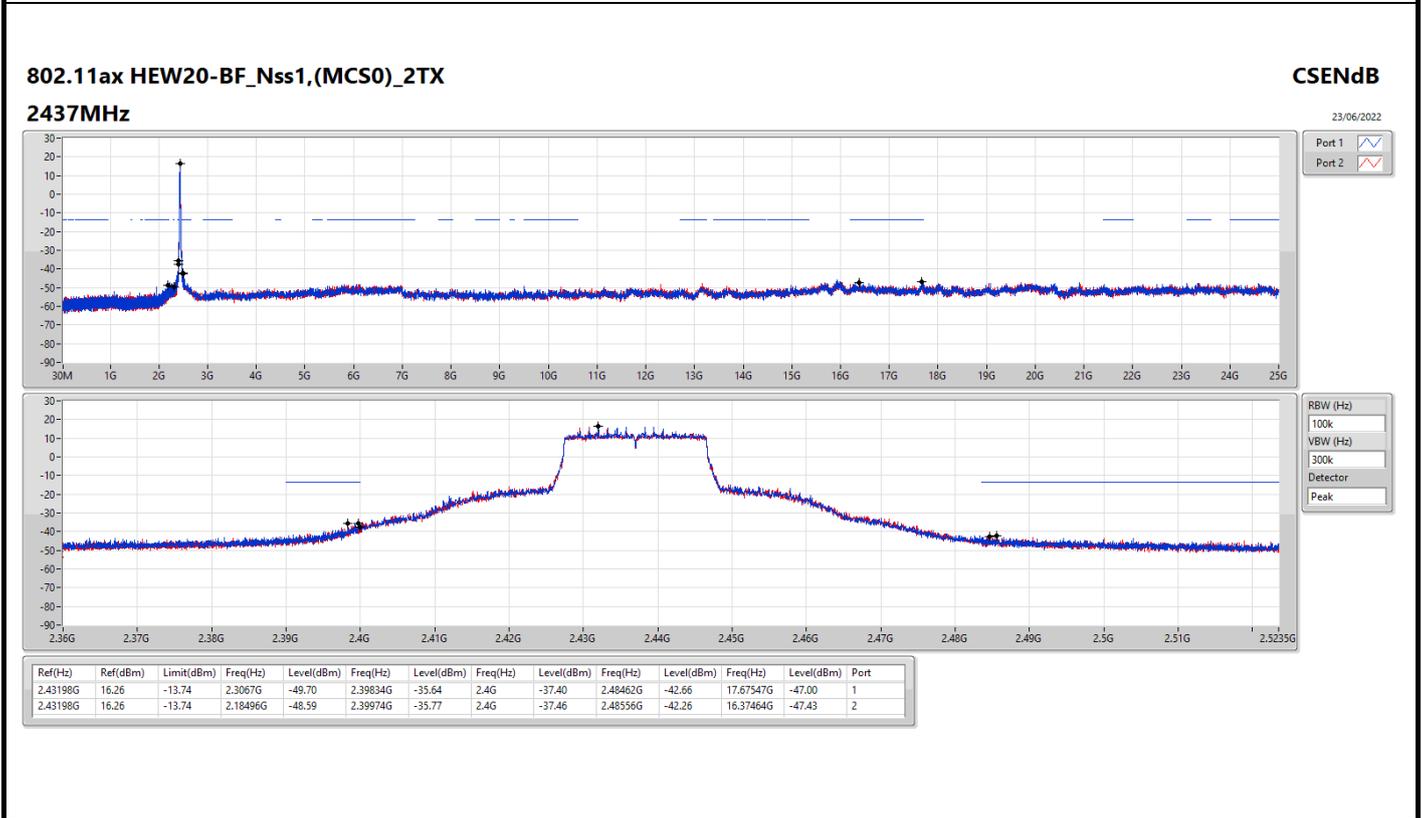
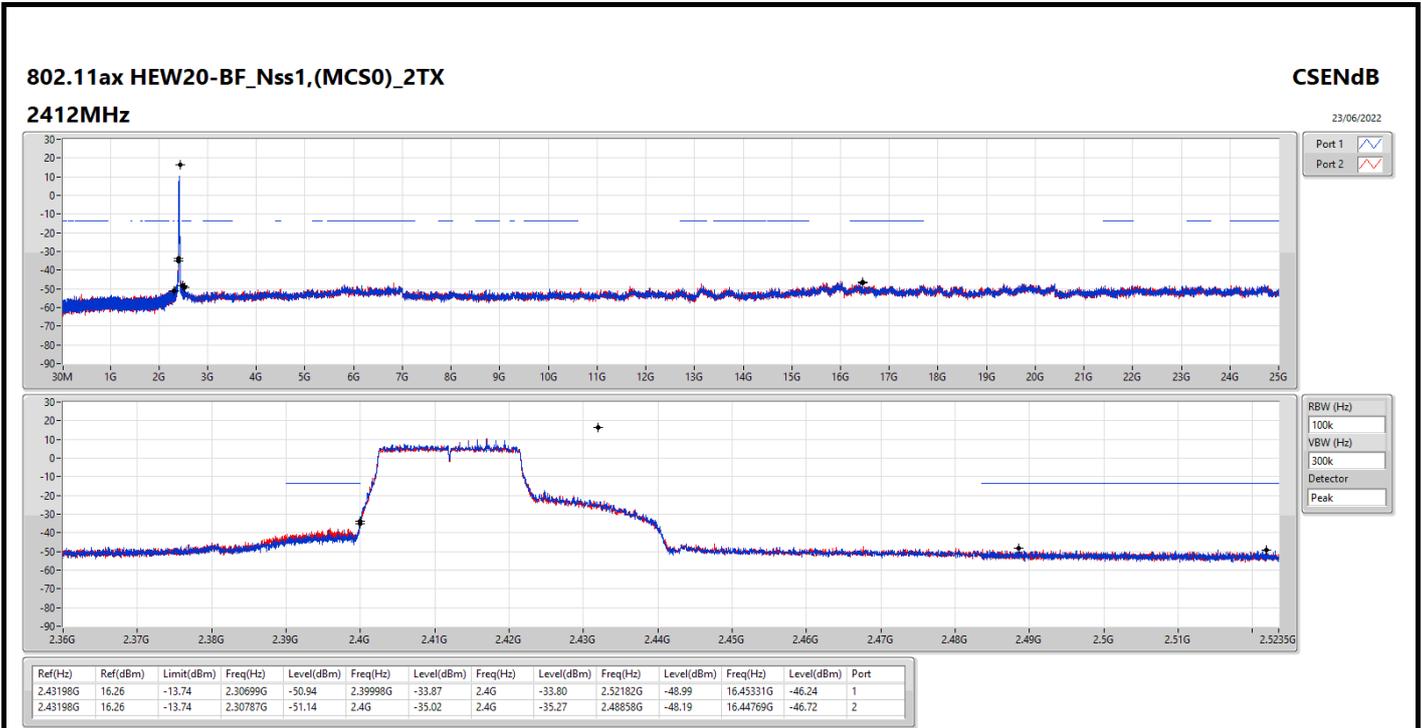
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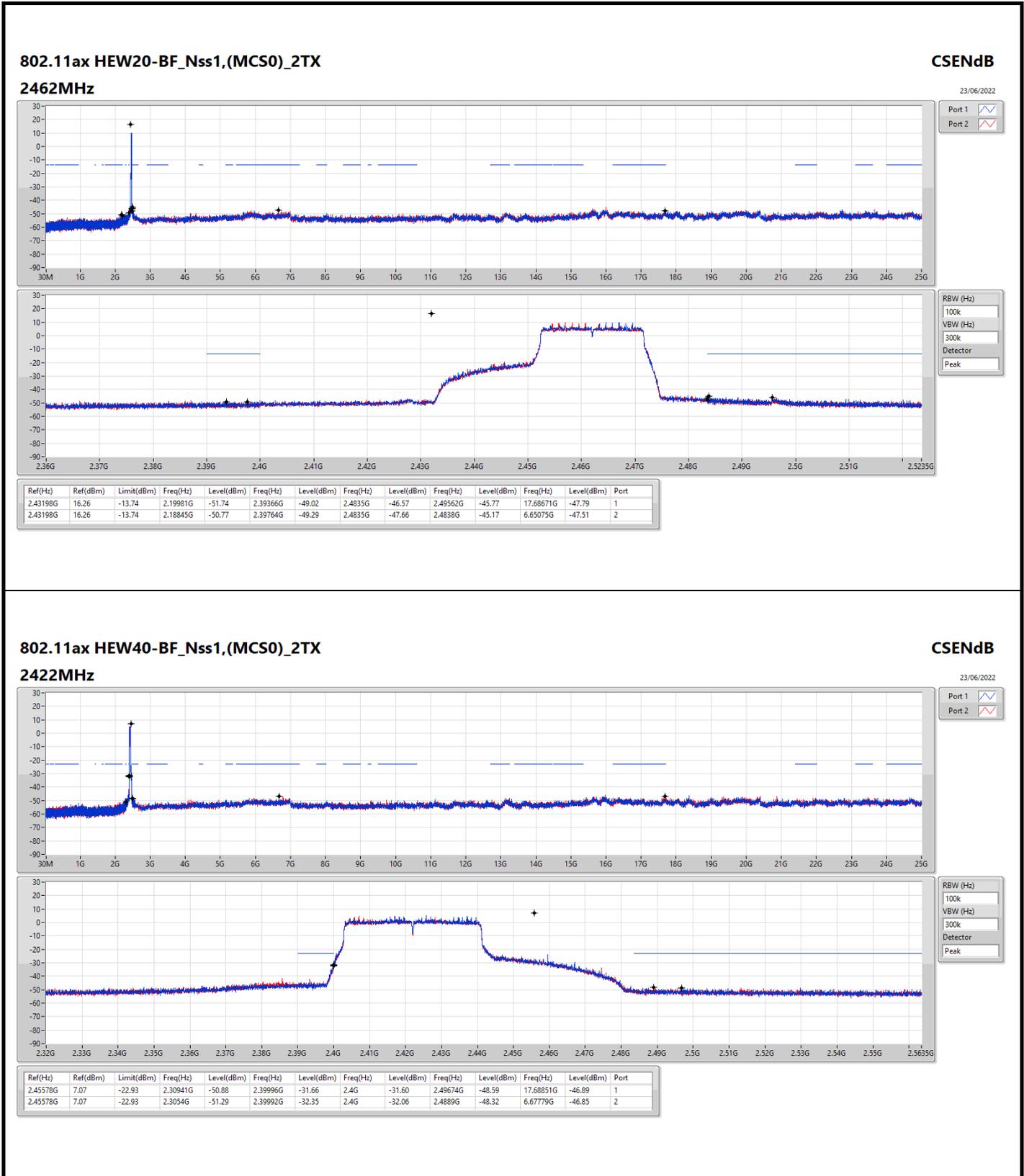
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Port								
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	Pass	2.43198G	16.26	-13.74	2.30699G	-50.94	2.39998G	-33.87	2.4G	-33.80	2.52182G	-48.99	16.45331G	-46.24	1
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	Pass	2.45578G	7.07	-22.93	2.30941G	-50.88	2.39996G	-31.66	2.4G	-31.60	2.49674G	-48.59	17.68851G	-46.89	1



Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Port								
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43198G	16.26	-13.74	2.30699G	-50.94	2.39998G	-33.87	2.4G	-33.80	2.52182G	-48.99	16.45331G	-46.24	1
2412MHz	Pass	2.43198G	16.26	-13.74	2.30787G	-51.14	2.4G	-35.02	2.4G	-35.27	2.48858G	-48.19	16.44769G	-46.72	2
2437MHz	Pass	2.43198G	16.26	-13.74	2.3067G	-49.70	2.39834G	-35.64	2.4G	-37.40	2.48462G	-42.66	17.67547G	-47.00	1
2437MHz	Pass	2.43198G	16.26	-13.74	2.18496G	-48.59	2.39974G	-35.77	2.4G	-37.46	2.48556G	-42.26	16.37464G	-47.43	2
2462MHz	Pass	2.43198G	16.26	-13.74	2.19981G	-51.74	2.39366G	-49.02	2.4835G	-46.57	2.49562G	-45.77	17.68671G	-47.79	1
2462MHz	Pass	2.43198G	16.26	-13.74	2.18845G	-50.77	2.39764G	-49.29	2.4835G	-47.66	2.4838G	-45.17	6.65075G	-47.51	2
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.45578G	7.07	-22.93	2.30941G	-50.88	2.39996G	-31.66	2.4G	-31.60	2.49674G	-48.59	17.68851G	-46.89	1
2422MHz	Pass	2.45578G	7.07	-22.93	2.3054G	-51.29	2.39992G	-32.35	2.4G	-32.06	2.4889G	-48.32	6.67779G	-46.85	2
2437MHz	Pass	2.43202G	5.22	-24.78	2.30082G	-51.71	2.39928G	-38.93	2.4G	-43.45	2.48738G	-45.32	23.38177G	-46.98	1
2437MHz	Pass	2.43202G	5.22	-24.78	2.19491G	-50.71	2.39952G	-39.63	2.4G	-42.67	2.48362G	-45.66	13.13951G	-45.83	2
2452MHz	Pass	2.45578G	7.07	-22.93	2.30139G	-51.13	2.39956G	-31.72	2.4G	-36.26	2.48538G	-42.95	17.68009G	-45.23	1
2452MHz	Pass	2.45578G	7.07	-22.93	2.30655G	-51.56	2.39952G	-32.93	2.4G	-37.89	2.48574G	-44.94	17.08833G	-47.19	2



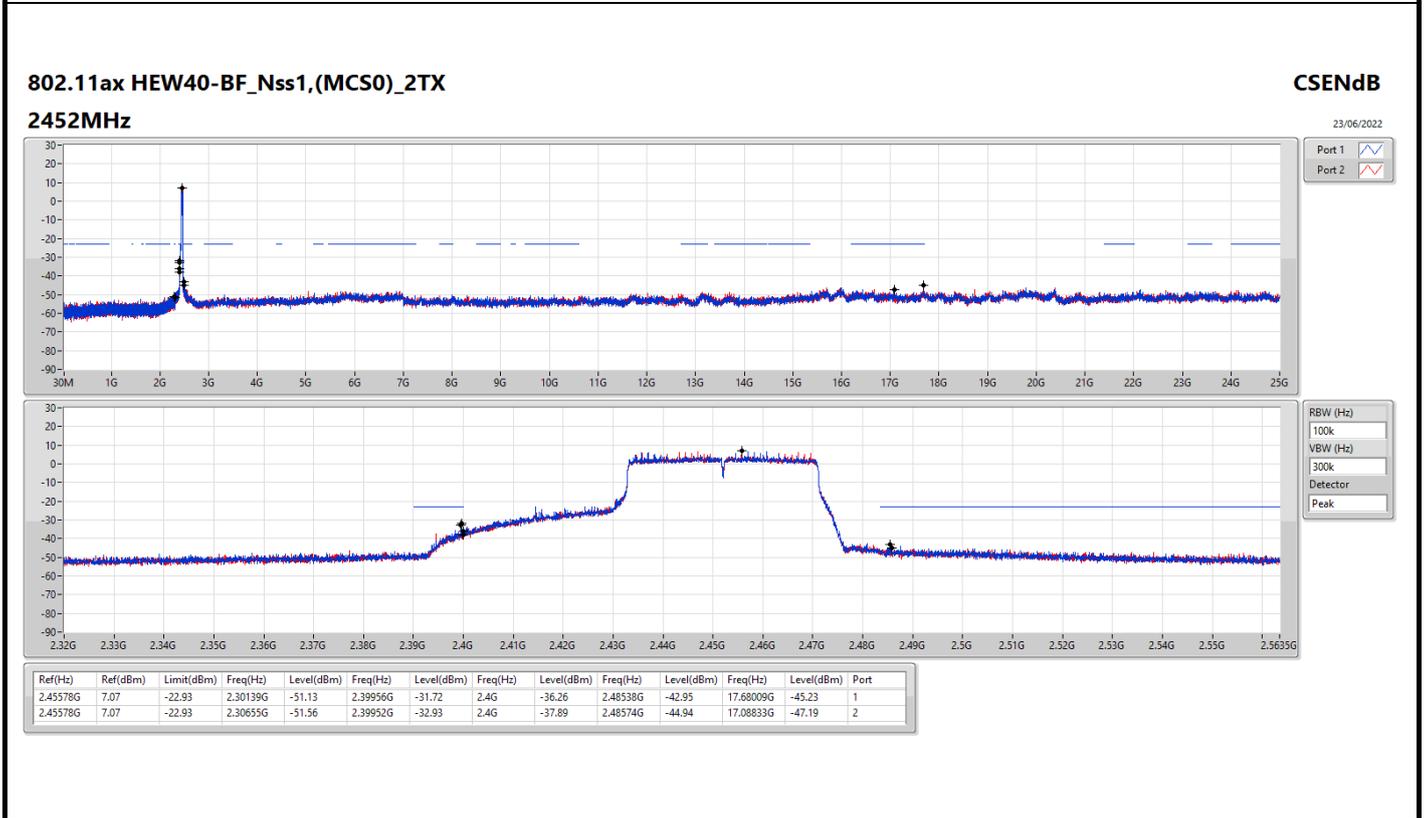
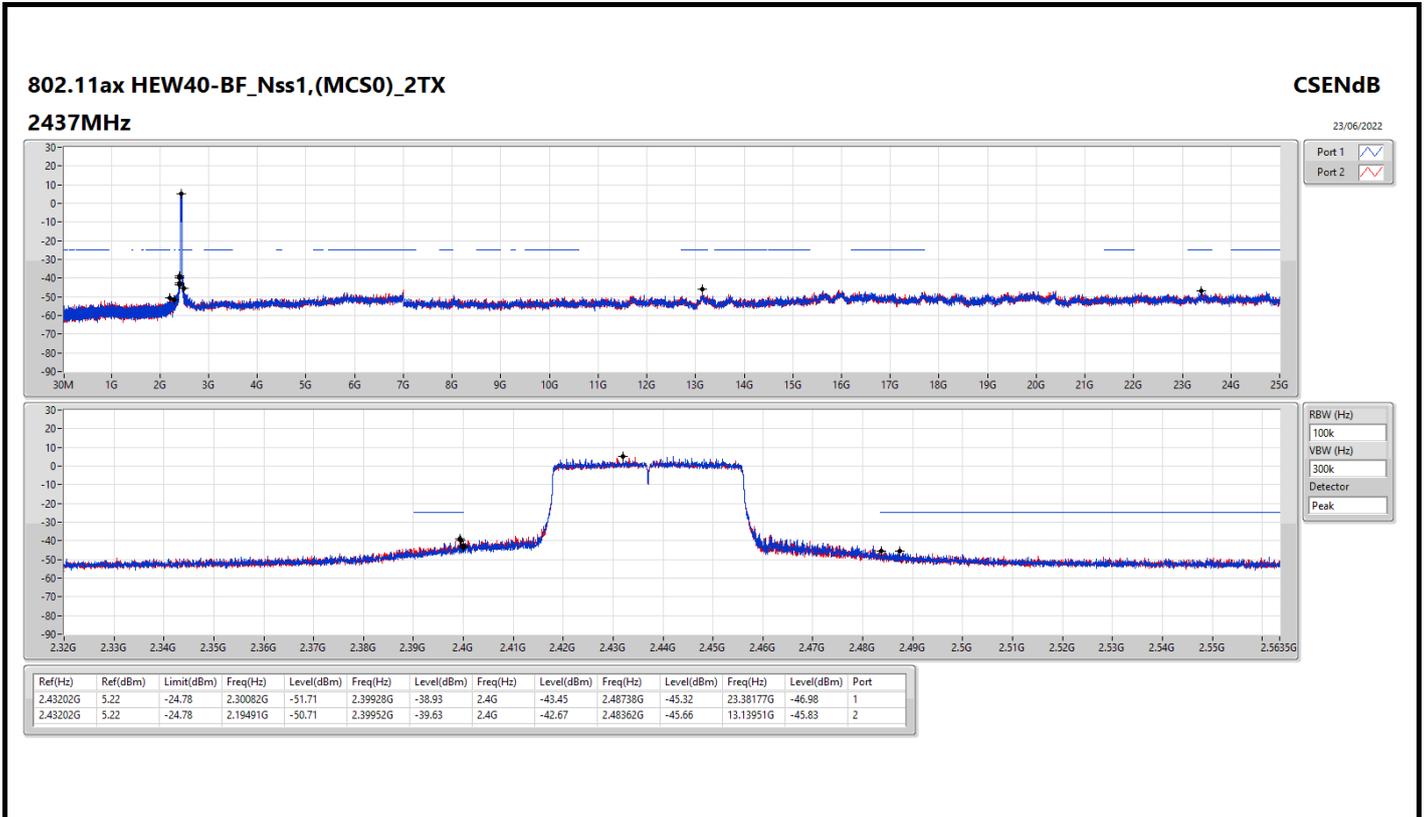


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2422MHz

CSENdB

23/06/2022

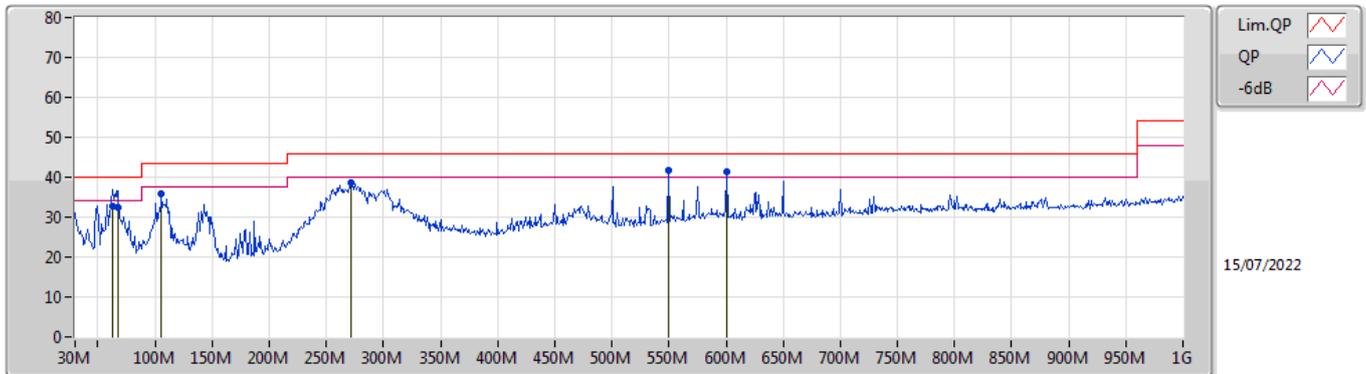




Summary

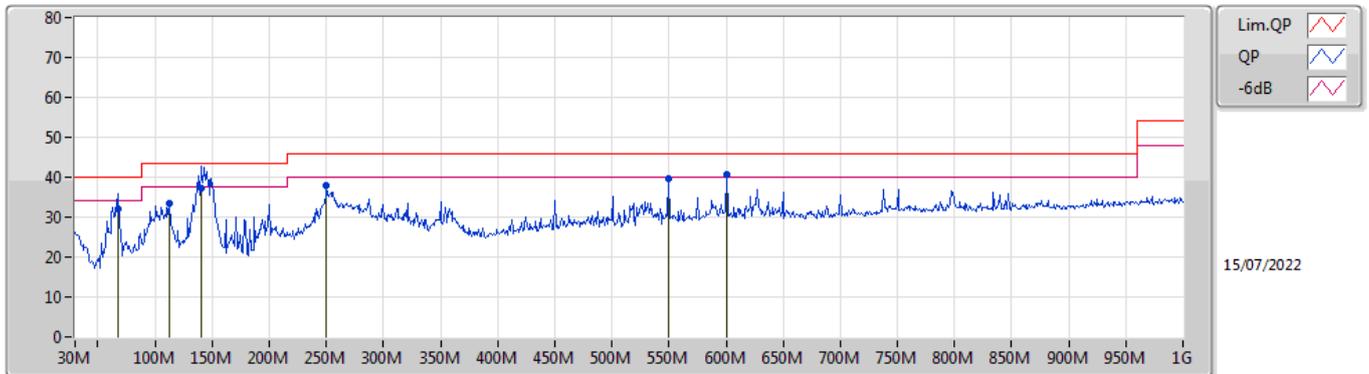
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	PK	549.92M	41.56	46.00	-4.44	Vertical

Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
QP	62.98M	32.92	40.00	-7.08	-18.74	3	Vertical	1	2.00	-	51.66	12.31	1.40	32.45
QP	67.83M	32.41	40.00	-7.59	-18.63	3	Vertical	258	2.00	-	51.04	12.34	1.46	32.43
PK	105.66M	35.95	43.50	-7.55	-13.26	3	Vertical	351	1.25	-	49.21	17.24	1.86	32.36
PK	271.53M	38.64	46.00	-7.36	-10.58	3	Vertical	61	1.50	-	49.22	18.72	3.03	32.33
PK	549.92M	41.56	46.00	-4.44	-3.04	3	Vertical	108	1.00	"Worst"	44.60	24.77	4.50	32.31
PK	600.36M	41.36	46.00	-4.64	-2.76	3	Vertical	102	1.50	-	44.12	24.61	4.70	32.07

Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
QP	67.83M	32.01	40.00	-7.99	-18.63	3	Horizontal	0	3.00	-	50.64	12.34	1.46	32.43
PK	112.45M	33.50	43.50	-10.00	-12.73	3	Horizontal	0	3.00	-	46.23	17.73	1.92	32.38
QP	140.58M	37.09	43.50	-6.41	-13.21	3	Horizontal	176	2.00	-	50.30	17.03	2.20	32.44
PK	250.19M	38.06	46.00	-7.94	-11.05	3	Horizontal	335	1.00	-	49.11	18.35	2.90	32.30
PK	549.92M	39.72	46.00	-6.28	-3.04	3	Horizontal	184	3.00	-	42.76	24.77	4.50	32.31
PK	600.36M	40.83	46.00	-5.17	-2.76	3	Horizontal	67	1.25	"Worst"	43.59	24.61	4.70	32.07

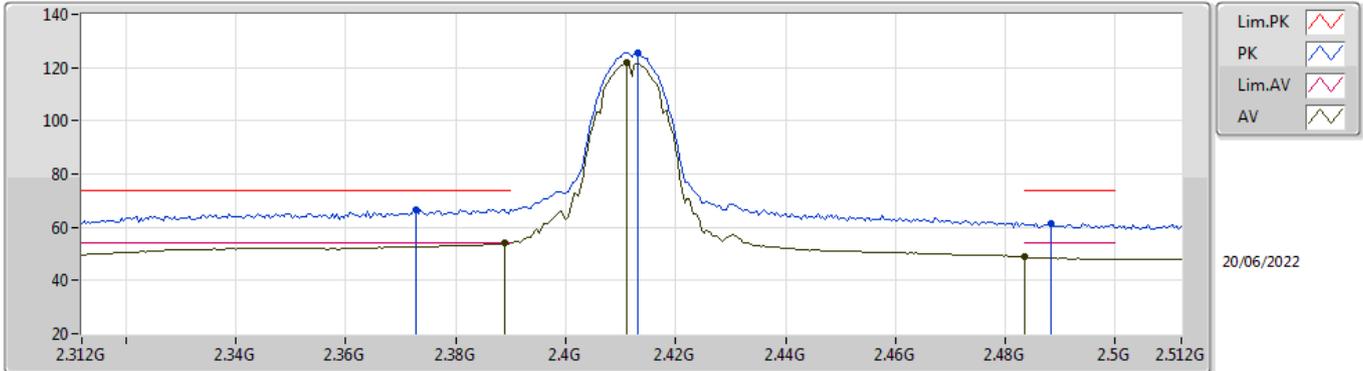


Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	AV	2.39G	53.98	54.00	-0.02	3	Vertical	81	2.52	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

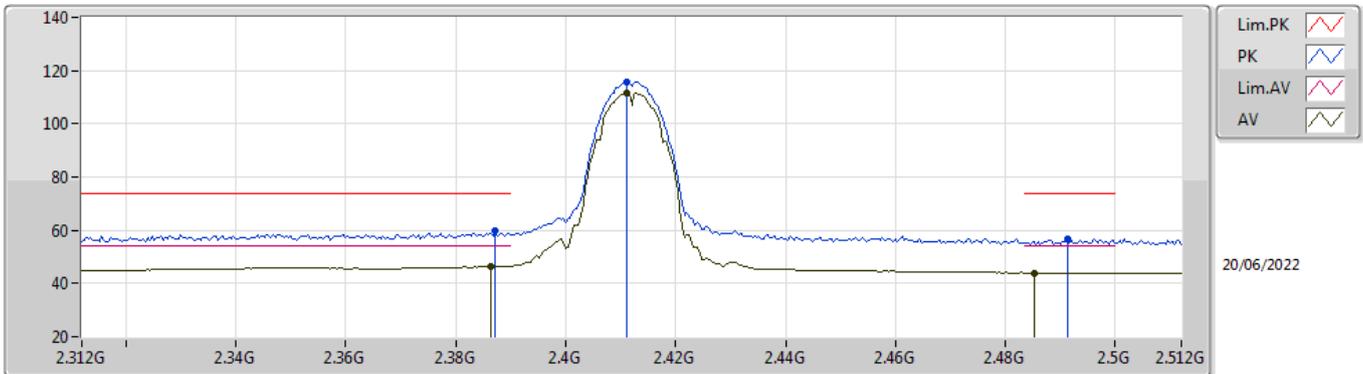


EUT_V_2TX
 Setting 99
 06-F-S-5
 Client ET12 2G Chain 8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3728G	66.79	74.00	-7.21	35.30	3	Vertical	330	2.56	-	27.62	3.87	-
AV	2.3888G	53.94	54.00	-0.06	22.56	3	Vertical	330	2.56	-	27.49	3.89	-
PK	2.4132G	125.69	Inf	-Inf	94.44	3	Vertical	330	2.56	-	27.35	3.90	-
AV	2.4112G	121.72	Inf	-Inf	90.46	3	Vertical	330	2.56	-	27.36	3.90	-
PK	2.4884G	61.26	74.00	-12.74	30.07	3	Vertical	330	2.56	-	27.28	3.91	-
AV	2.4835G	48.76	54.00	-5.24	17.58	3	Vertical	330	2.56	-	27.27	3.91	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

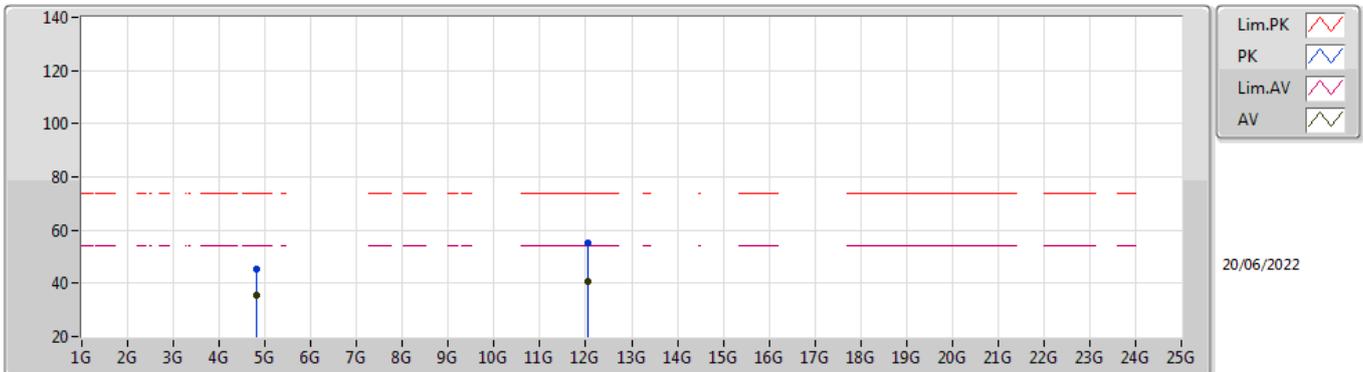


EUT_V_2TX
 Setting 99
 06-F-S-5
 Client ET12 2G Chain 8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3872G	59.92	74.00	-14.08	28.54	3	Horizontal	33	2.40	-	27.50	3.88	-
AV	2.3864G	46.58	54.00	-7.42	15.19	3	Horizontal	33	2.40	-	27.51	3.88	-
PK	2.4112G	115.81	Inf	-Inf	84.55	3	Horizontal	33	2.40	-	27.36	3.90	-
AV	2.4112G	111.76	Inf	-Inf	80.50	3	Horizontal	33	2.40	-	27.36	3.90	-
PK	2.4912G	56.63	74.00	-17.37	25.44	3	Horizontal	33	2.40	-	27.28	3.91	-
AV	2.4852G	44.04	54.00	-9.96	12.86	3	Horizontal	33	2.40	-	27.27	3.91	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

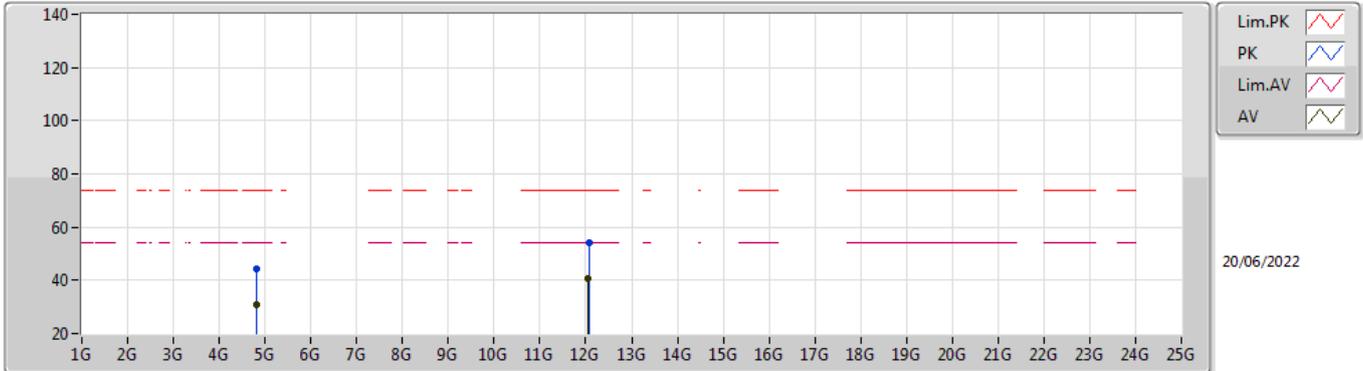


EUT V_2TX
Setting 99
06-F-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.824G	45.17	74.00	-28.83	51.97	3	Vertical	24	1.80	-	31.05	5.37	43.22
AV	4.82396G	35.60	54.00	-18.40	42.40	3	Vertical	24	1.80	-	31.05	5.37	43.22
PK	12.05352G	55.05	74.00	-18.95	49.72	3	Vertical	244	1.80	-	38.91	9.17	42.75
AV	12.0546G	40.88	54.00	-13.12	35.55	3	Vertical	244	1.80	-	38.91	9.17	42.75

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

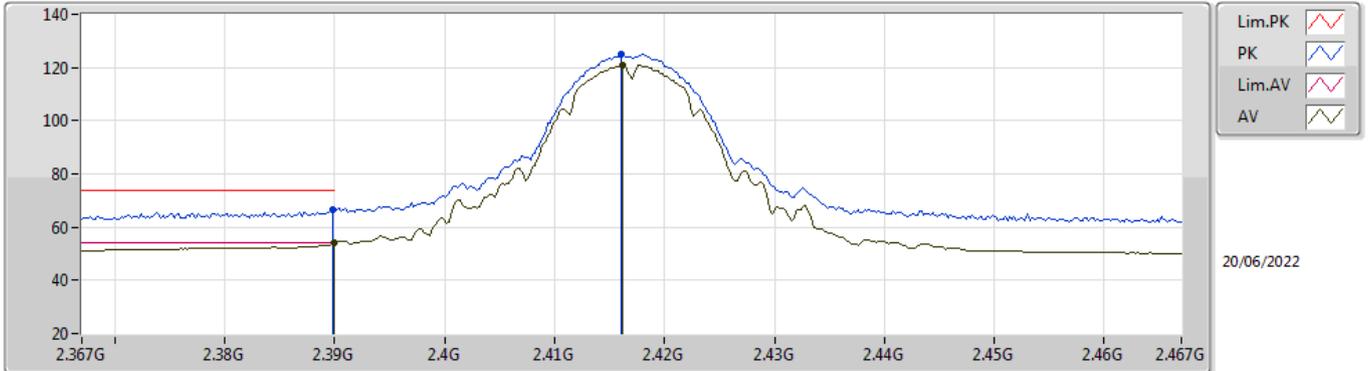


EUT Y_2TX
Setting 99
06-F-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.82408G	44.23	74.00	-29.77	51.03	3	Horizontal	267	1.83	-	31.05	5.37	43.22
AV	4.824G	30.89	54.00	-23.11	37.69	3	Horizontal	267	1.83	-	31.05	5.37	43.22
PK	12.064G	54.21	74.00	-19.79	48.85	3	Horizontal	302	1.49	-	38.93	9.18	42.75
AV	12.05212G	40.81	54.00	-13.19	35.49	3	Horizontal	302	1.49	-	38.90	9.17	42.75

802.11b_Nss1,(1Mbps)_2TX

2417MHz_TX

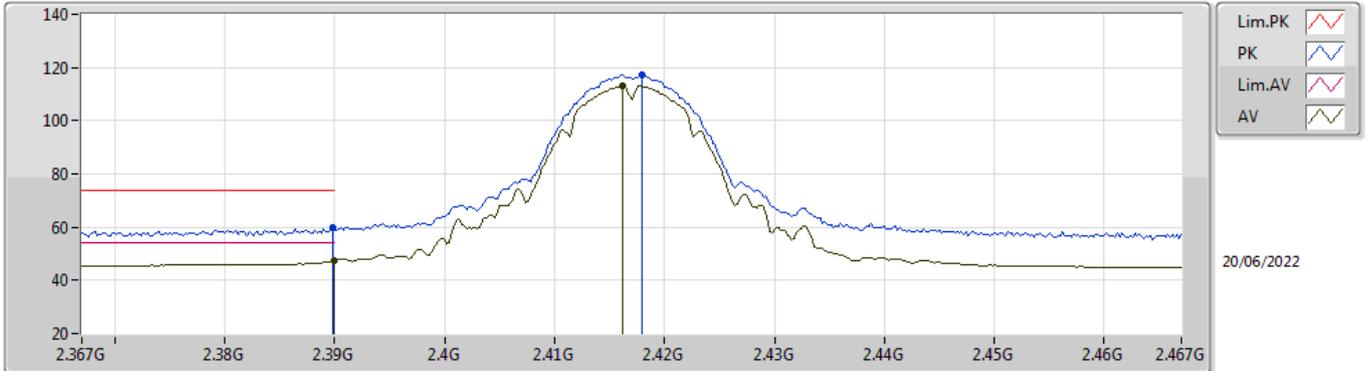


EUT Y_2TX
 Setting 107
 06-F-S-5
 Client ET12 2G Chain 8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3898G	66.81	74.00	-7.19	35.44	3	Vertical	81	2.52	-	27.48	3.89	-
AV	2.39G	53.98	54.00	-0.02	22.61	3	Vertical	81	2.52	-	27.48	3.89	-
PK	2.416G	124.88	Inf	-Inf	93.64	3	Vertical	81	2.52	-	27.34	3.90	-
AV	2.4162G	121.01	Inf	-Inf	89.77	3	Vertical	81	2.52	-	27.34	3.90	-

802.11b_Nss1,(1Mbps)_2TX

2417MHz_TX

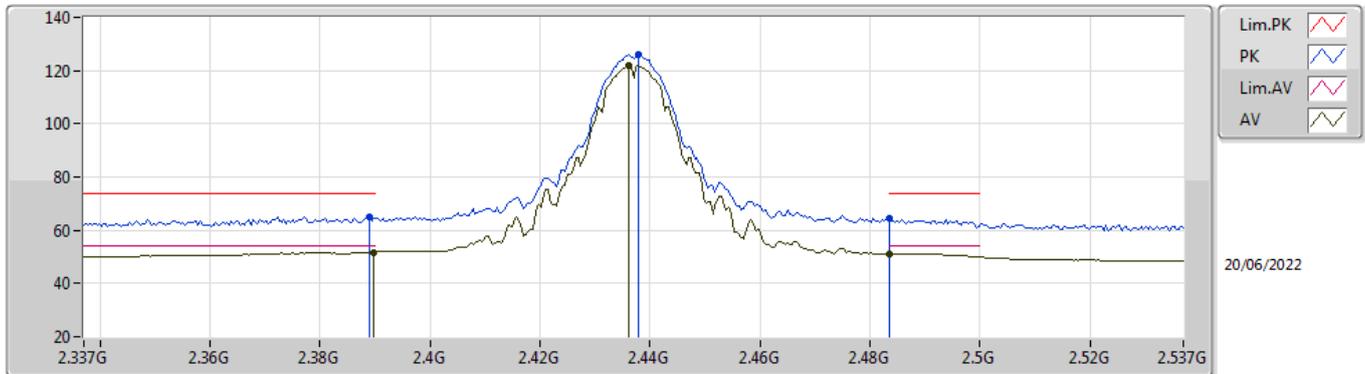


EUT Y_2TX
 Setting 107
 06-F-S-5
 Client ET12 2G Chain 8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3898G	59.66	74.00	-14.34	28.29	3	Horizontal	140	1.77	-	27.48	3.89	-
AV	2.39G	47.26	54.00	-6.74	15.89	3	Horizontal	140	1.77	-	27.48	3.89	-
PK	2.418G	117.15	Inf	-Inf	85.92	3	Horizontal	140	1.77	-	27.33	3.90	-
AV	2.4162G	113.29	Inf	-Inf	82.05	3	Horizontal	140	1.77	-	27.34	3.90	-

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

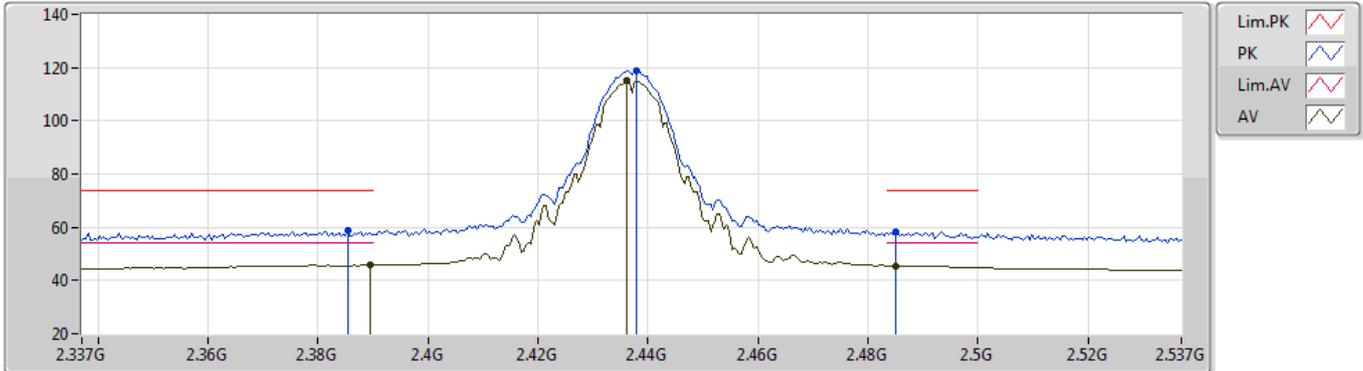


EUT_V_2TX
 Setting 112
 06-F-S-5
 Client ET12 2G Chain 8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.389G	65.09	74.00	-8.91	33.71	3	Vertical	80	2.74	-	27.49	3.89	-
AV	2.3898G	51.76	54.00	-2.24	20.39	3	Vertical	80	2.74	-	27.48	3.89	-
PK	2.4378G	126.08	Inf	-Inf	94.92	3	Vertical	80	2.74	-	27.25	3.91	-
AV	2.4362G	121.99	Inf	-Inf	90.82	3	Vertical	80	2.74	-	27.26	3.91	-
PK	2.4835G	64.39	74.00	-9.61	33.21	3	Vertical	80	2.74	-	27.27	3.91	-
AV	2.4835G	51.05	54.00	-2.95	19.87	3	Vertical	80	2.74	-	27.27	3.91	-

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

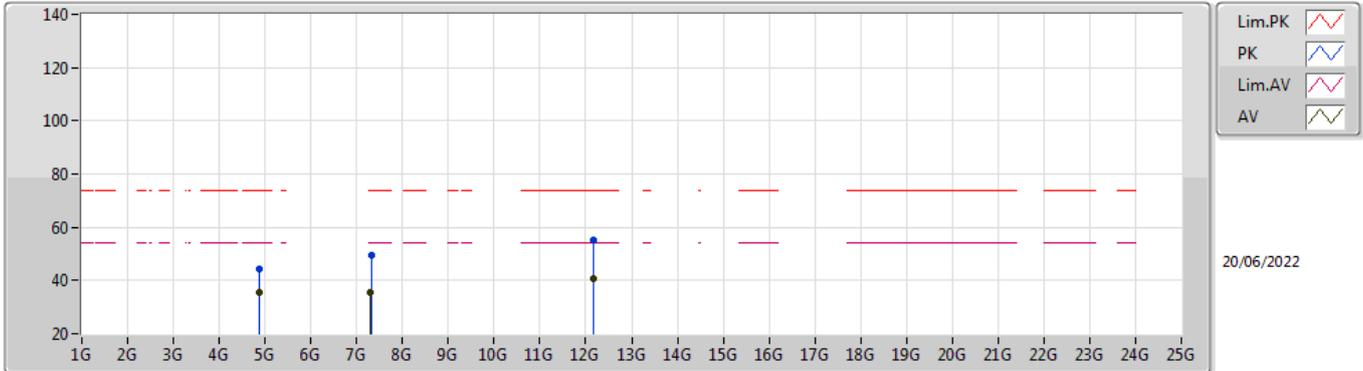


EUT_V_2TX
 Setting 112
 06-F-S-5
 Client ET12 2G Chain 8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3854G	58.89	74.00	-15.11	27.49	3	Horizontal	140	1.72	-	27.52	3.88	-
AV	2.3894G	45.71	54.00	-8.29	14.34	3	Horizontal	140	1.72	-	27.48	3.89	-
PK	2.4378G	118.89	Inf	-Inf	87.73	3	Horizontal	140	1.72	-	27.25	3.91	-
AV	2.4362G	114.97	Inf	-Inf	83.80	3	Horizontal	140	1.72	-	27.26	3.91	-
PK	2.485G	58.42	74.00	-15.58	27.24	3	Horizontal	140	1.72	-	27.27	3.91	-
AV	2.485G	45.59	54.00	-8.41	14.41	3	Horizontal	140	1.72	-	27.27	3.91	-

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

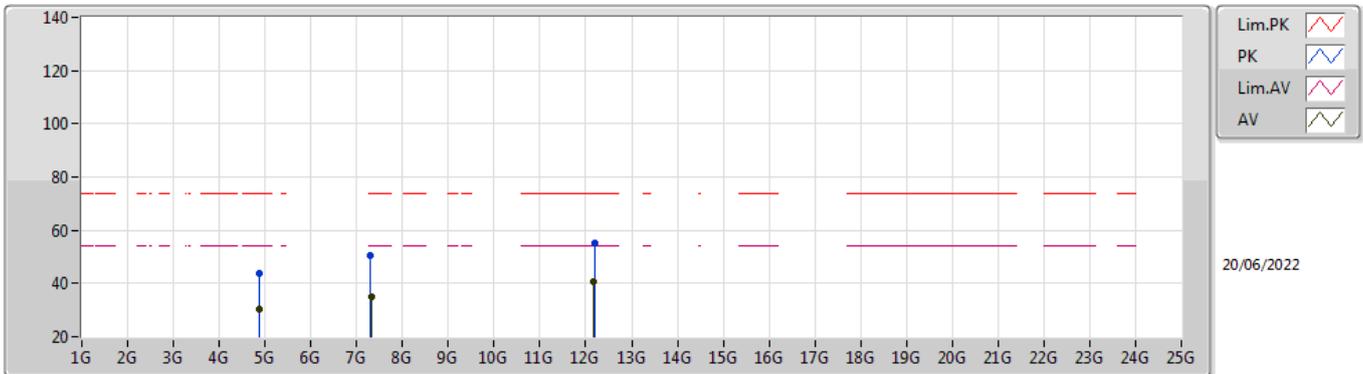


EUT_V_2TX
Setting 112
06-F-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.87396G	44.48	74.00	-29.52	51.24	3	Vertical	25	1.80	-	31.05	5.39	43.20
AV	4.87396G	35.27	54.00	-18.73	42.03	3	Vertical	25	1.80	-	31.05	5.39	43.20
PK	7.31024G	49.54	74.00	-24.46	48.50	3	Vertical	123	2.46	-	36.36	6.70	42.02
AV	7.31G	35.70	54.00	-18.30	34.66	3	Vertical	123	2.46	-	36.36	6.70	42.02
PK	12.17988G	55.06	74.00	-18.94	49.82	3	Vertical	103	1.80	-	38.76	9.21	42.73
AV	12.18224G	40.76	54.00	-13.24	35.53	3	Vertical	103	1.80	-	38.75	9.21	42.73

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

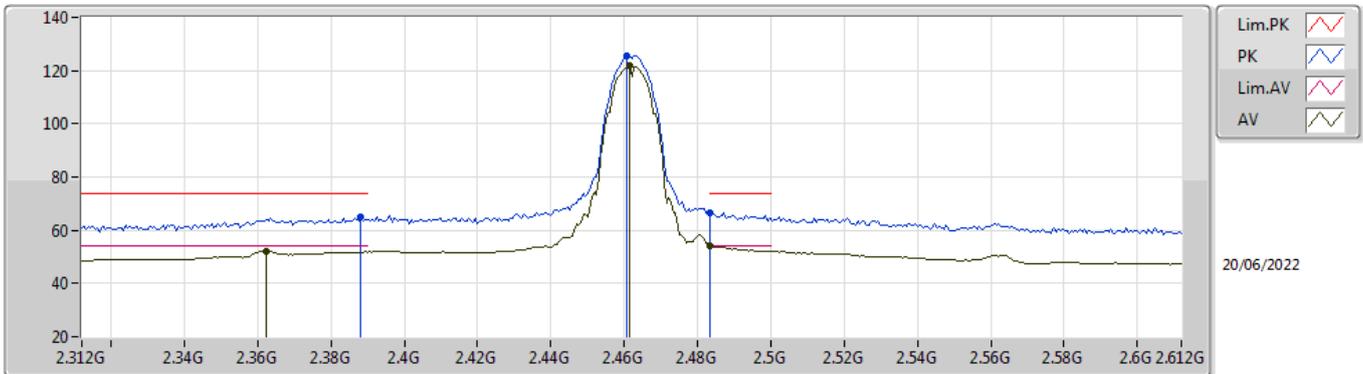


EUT_V_2TX
Setting 112
06-F-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.87124G	43.73	74.00	-30.27	50.51	3	Horizontal	360	2.04	-	31.04	5.38	43.20
AV	4.874G	30.09	54.00	-23.91	36.85	3	Horizontal	360	2.04	-	31.05	5.39	43.20
PK	7.303G	50.31	74.00	-23.69	49.26	3	Horizontal	128	1.40	-	36.39	6.69	42.03
AV	7.31072G	34.77	54.00	-19.23	33.73	3	Horizontal	128	1.40	-	36.36	6.70	42.02
PK	12.18324G	55.28	74.00	-18.72	50.05	3	Horizontal	228	1.43	-	38.75	9.21	42.73
AV	12.17632G	40.76	54.00	-13.24	35.51	3	Horizontal	228	1.43	-	38.77	9.21	42.73

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

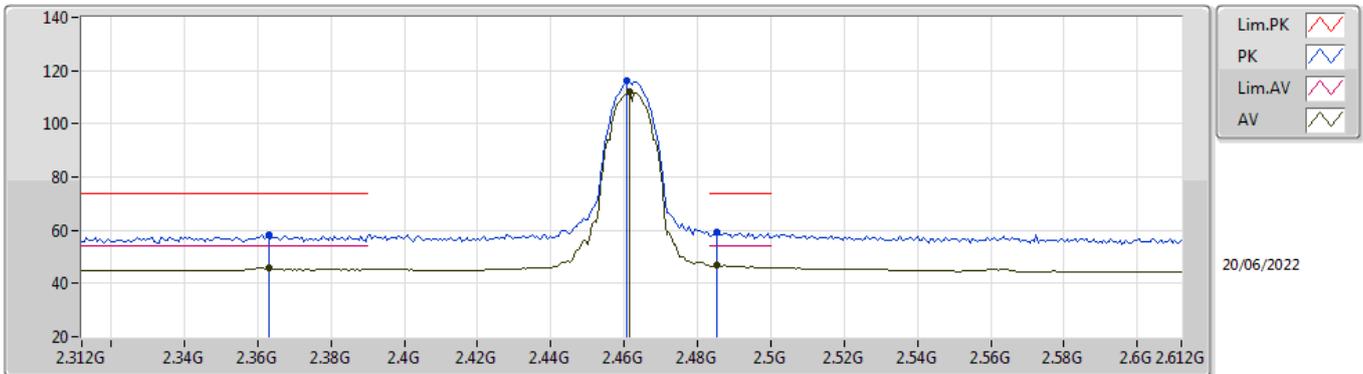


EUT_V_2TX
 Setting 101
 06-F-S-5
 Client ET12 2G Chain 8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3882G	64.76	74.00	-9.24	33.38	3	Vertical	333	1.98	-	27.49	3.89	-
AV	2.3624G	52.11	54.00	-1.89	20.56	3	Vertical	333	1.98	-	27.70	3.85	-
PK	2.4608G	125.73	Inf	-Inf	94.60	3	Vertical	333	1.98	-	27.22	3.91	-
AV	2.4614G	121.77	Inf	-Inf	90.64	3	Vertical	333	1.98	-	27.22	3.91	-
PK	2.4835G	66.81	74.00	-7.19	35.63	3	Vertical	333	1.98	-	27.27	3.91	-
AV	2.4835G	53.96	54.00	-0.04	22.78	3	Vertical	333	1.98	-	27.27	3.91	-

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

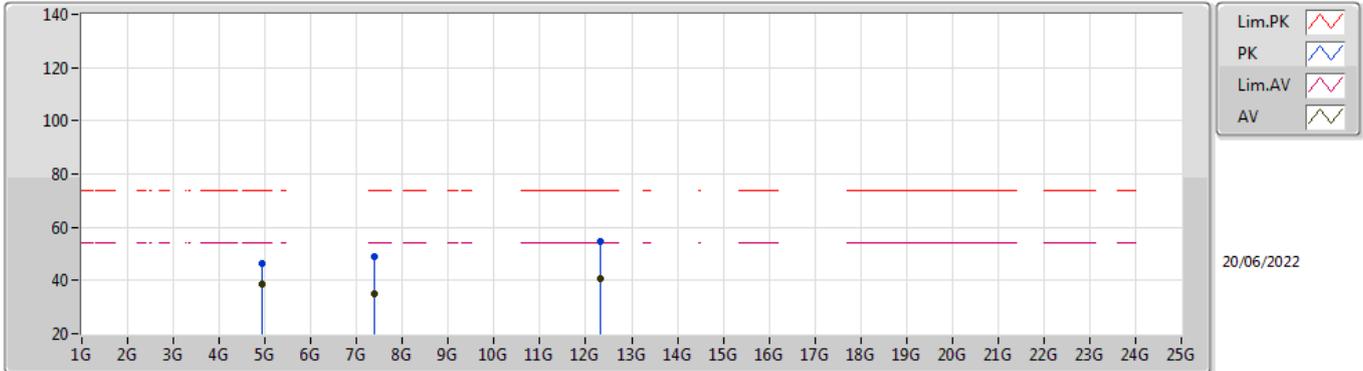


EUT_V_2TX
 Setting 101
 06-F-S-5
 Client ET12 2G Chain 8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.363G	58.17	74.00	-15.83	26.61	3	Horizontal	23	2.52	-	27.70	3.86	-
AV	2.363G	45.79	54.00	-8.21	14.23	3	Horizontal	23	2.52	-	27.70	3.86	-
PK	2.4608G	115.99	Inf	-Inf	84.86	3	Horizontal	23	2.52	-	27.22	3.91	-
AV	2.4614G	112.08	Inf	-Inf	80.95	3	Horizontal	23	2.52	-	27.22	3.91	-
PK	2.4854G	59.06	74.00	-14.94	27.88	3	Horizontal	23	2.52	-	27.27	3.91	-
AV	2.4854G	46.68	54.00	-7.32	15.50	3	Horizontal	23	2.52	-	27.27	3.91	-

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

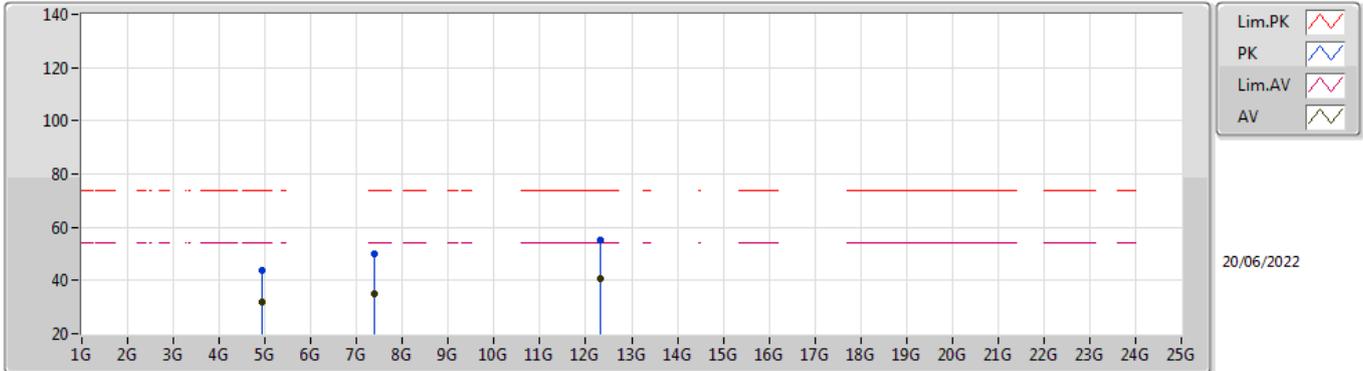


EUT_V_2TX
Setting 101
06-F-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.92406G	46.45	74.00	-27.55	53.03	3	Vertical	23	1.93	-	31.20	5.40	43.18
AV	4.924G	38.82	54.00	-15.18	45.40	3	Vertical	23	1.93	-	31.20	5.40	43.18
PK	7.38958G	49.21	74.00	-24.79	48.41	3	Vertical	28	2.45	-	36.04	6.76	42.00
AV	7.3909G	35.01	54.00	-18.99	34.21	3	Vertical	28	2.45	-	36.04	6.76	42.00
PK	12.30938G	54.48	74.00	-19.52	49.36	3	Vertical	49	2.57	-	38.59	9.24	42.71
AV	12.30558G	40.44	54.00	-13.56	35.32	3	Vertical	49	2.57	-	38.59	9.24	42.71

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

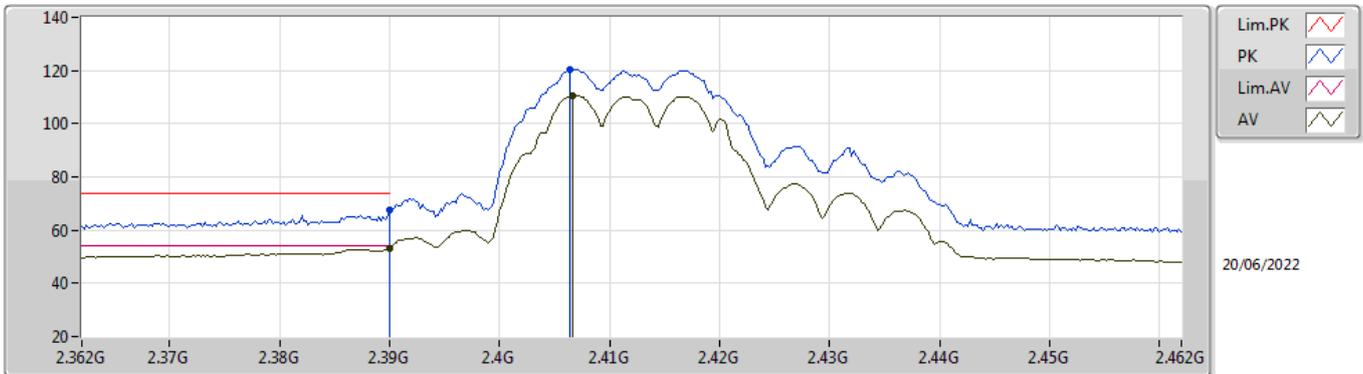


EUT_V_2TX
Setting 101
06-F-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.92364G	43.92	74.00	-30.08	50.51	3	Horizontal	12	2.05	-	31.19	5.40	43.18
AV	4.9239G	31.83	54.00	-22.17	38.41	3	Horizontal	12	2.05	-	31.20	5.40	43.18
PK	7.38766G	49.80	74.00	-24.20	48.99	3	Horizontal	222	1.80	-	36.05	6.76	42.00
AV	7.3879G	34.96	54.00	-19.04	34.15	3	Horizontal	222	1.80	-	36.05	6.76	42.00
PK	12.30586G	55.29	74.00	-18.71	50.17	3	Horizontal	61	1.80	-	38.59	9.24	42.71
AV	12.30786G	40.52	54.00	-13.48	35.40	3	Horizontal	61	1.80	-	38.59	9.24	42.71

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

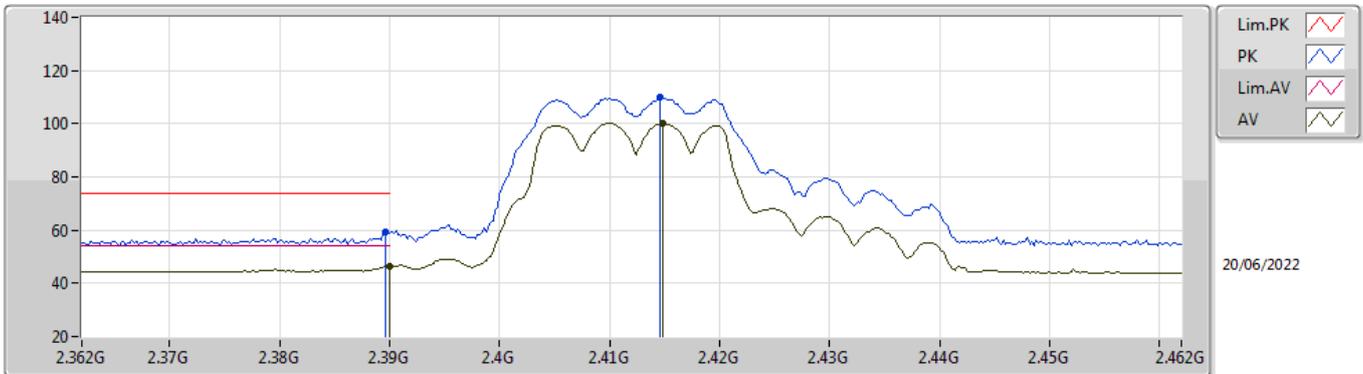


EUT_V_2TX
 Setting 82
 06-F-S-5
 Client ET12 2G Chain 8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.39G	67.35	74.00	-6.65	35.98	3	Vertical	335	2.30	-	27.48	3.89	-
AV	2.39G	53.23	54.00	-0.77	21.86	3	Vertical	335	2.30	-	27.48	3.89	-
PK	2.4064G	120.36	Inf	-Inf	89.09	3	Vertical	335	2.30	-	27.37	3.90	-
AV	2.4066G	110.54	Inf	-Inf	79.27	3	Vertical	335	2.30	-	27.37	3.90	-

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

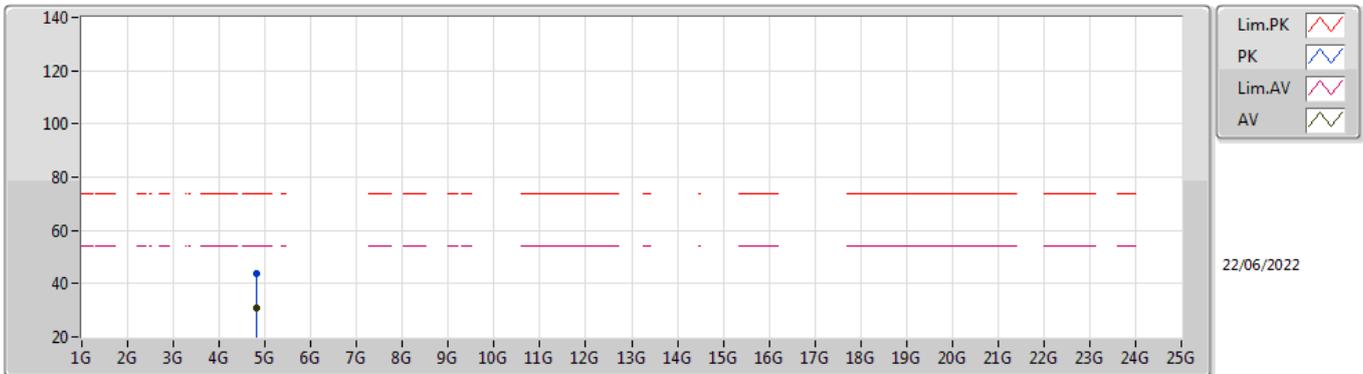


EUT Y_2TX
 Setting 82
 06-F-S-5
 Client ET12 2G Chain 8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3896G	59.13	74.00	-14.87	27.76	3	Horizontal	141	1.76	-	27.48	3.89	-
AV	2.39G	46.24	54.00	-7.76	14.87	3	Horizontal	141	1.76	-	27.48	3.89	-
PK	2.4146G	109.75	Inf	-Inf	78.51	3	Horizontal	141	1.76	-	27.34	3.90	-
AV	2.4148G	100.10	Inf	-Inf	68.86	3	Horizontal	141	1.76	-	27.34	3.90	-

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

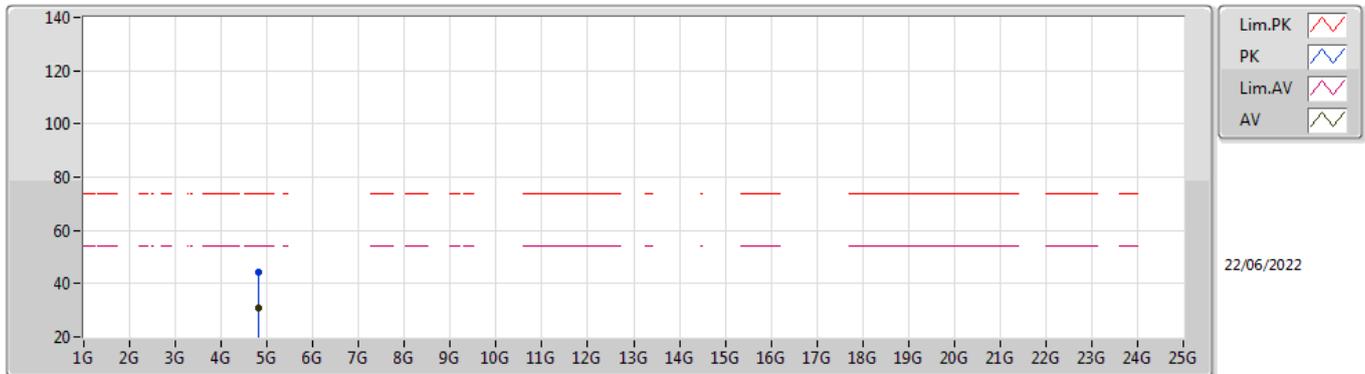


EUT Y_2TX
Setting 82
02-B-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.82342G	43.82	74.00	-30.18	38.00	3	Vertical	274	2.21	-	32.94	5.10	32.22
AV	4.82234G	30.66	54.00	-23.34	24.85	3	Vertical	274	2.21	-	32.93	5.10	32.22

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

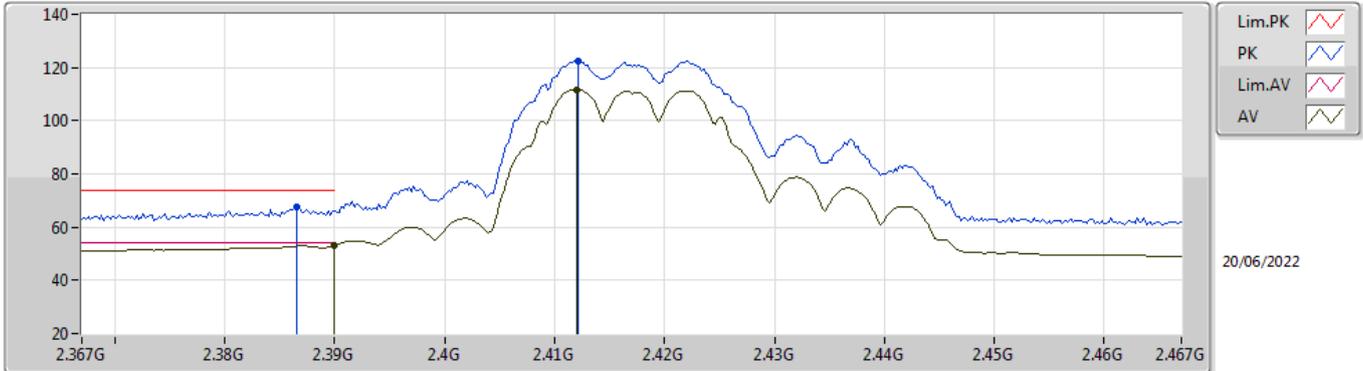


EUT Y_2TX
Setting 82
02-B-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.8253G	44.47	74.00	-29.53	38.64	3	Horizontal	5	2.35	-	32.95	5.10	32.22
AV	4.82456G	30.63	54.00	-23.37	24.80	3	Horizontal	5	2.35	-	32.95	5.10	32.22

802.11g_Nss1,(6Mbps)_2TX

2417MHz_TX

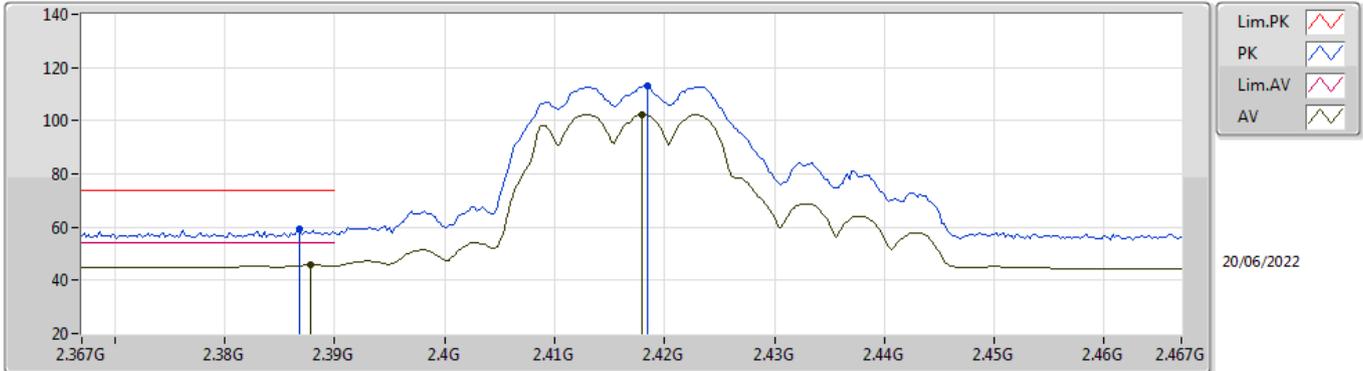


EUT_V_2TX
 Setting 91
 06-F-S-5
 Client ET12 2G Chain 8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3866G	67.61	74.00	-6.39	36.22	3	Vertical	332	2.57	-	27.51	3.88	-
AV	2.39G	53.11	54.00	-0.89	21.74	3	Vertical	332	2.57	-	27.48	3.89	-
PK	2.4122G	122.63	Inf	-Inf	91.38	3	Vertical	332	2.57	-	27.35	3.90	-
AV	2.412G	111.76	Inf	-Inf	80.51	3	Vertical	332	2.57	-	27.35	3.90	-

802.11g_Nss1,(6Mbps)_2TX

2417MHz_TX

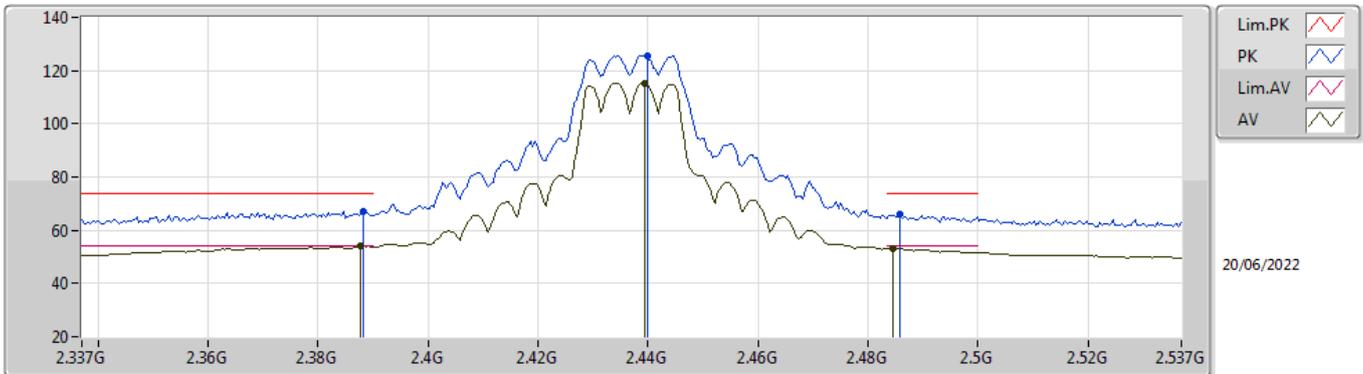


EUT_V_2TX
 Setting 91
 06-F-S-5
 Client ET12 2G Chain 8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3868G	59.27	74.00	-14.73	27.88	3	Horizontal	360	2.16	-	27.51	3.88	-
AV	2.3878G	45.73	54.00	-8.27	14.34	3	Horizontal	360	2.16	-	27.50	3.89	-
PK	2.4184G	113.17	Inf	-Inf	81.94	3	Horizontal	360	2.16	-	27.33	3.90	-
AV	2.418G	102.34	Inf	-Inf	71.11	3	Horizontal	360	2.16	-	27.33	3.90	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

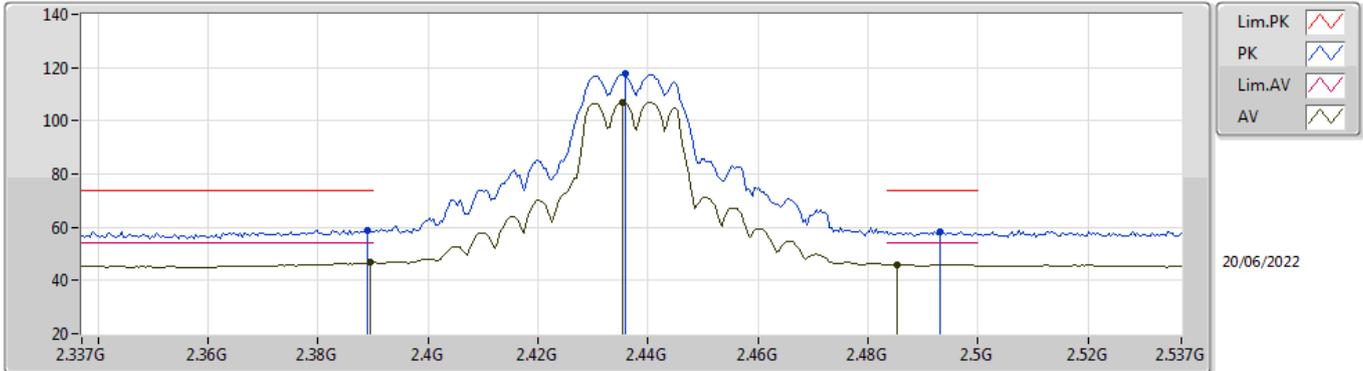


EUT_V_2TX
 Setting 105
 06-F-S-5
 Client ET12 2G Chain 8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3882G	67.13	74.00	-6.87	35.75	3	Vertical	338	2.03	-	27.49	3.89	-
AV	2.3878G	53.98	54.00	-0.02	22.59	3	Vertical	338	2.03	-	27.50	3.89	-
PK	2.4398G	125.73	Inf	-Inf	94.58	3	Vertical	338	2.03	-	27.24	3.91	-
AV	2.4394G	115.41	Inf	-Inf	84.26	3	Vertical	338	2.03	-	27.24	3.91	-
PK	2.4858G	66.11	74.00	-7.89	34.93	3	Vertical	338	2.03	-	27.27	3.91	-
AV	2.4846G	53.23	54.00	-0.77	22.05	3	Vertical	338	2.03	-	27.27	3.91	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

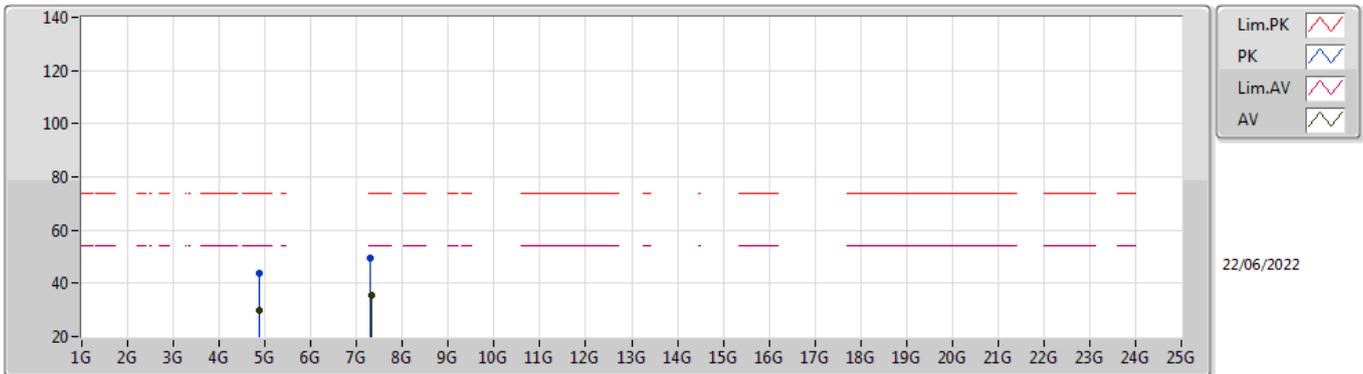


EUT_V_2TX
 Setting 105
 06-F-S-5
 Client ET12 2G Chain 8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.389G	58.98	74.00	-15.02	27.60	3	Horizontal	14	2.67	-	27.49	3.89	-
AV	2.3894G	46.70	54.00	-7.30	15.33	3	Horizontal	14	2.67	-	27.48	3.89	-
PK	2.4358G	117.51	Inf	-Inf	86.34	3	Horizontal	14	2.67	-	27.26	3.91	-
AV	2.4354G	107.05	Inf	-Inf	75.88	3	Horizontal	14	2.67	-	27.26	3.91	-
PK	2.493G	58.35	74.00	-15.65	27.15	3	Horizontal	14	2.67	-	27.29	3.91	-
AV	2.4854G	45.94	54.00	-8.06	14.76	3	Horizontal	14	2.67	-	27.27	3.91	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

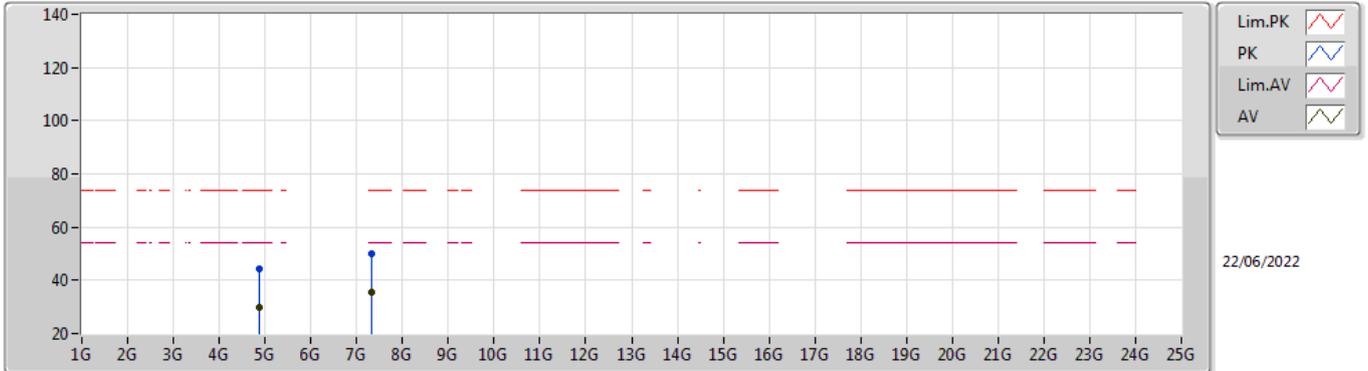


EUT Y_2TX
Setting 105
02-B-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.87096G	43.63	74.00	-30.37	37.60	3	Vertical	263	2.80	-	33.14	5.10	32.21
AV	4.87536G	29.87	54.00	-24.13	23.82	3	Vertical	263	2.80	-	33.15	5.10	32.20
PK	7.30776G	49.45	74.00	-24.55	39.70	3	Vertical	21	2.66	-	36.42	6.15	32.82
AV	7.31582G	35.68	54.00	-18.32	25.92	3	Vertical	21	2.66	-	36.43	6.16	32.83

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

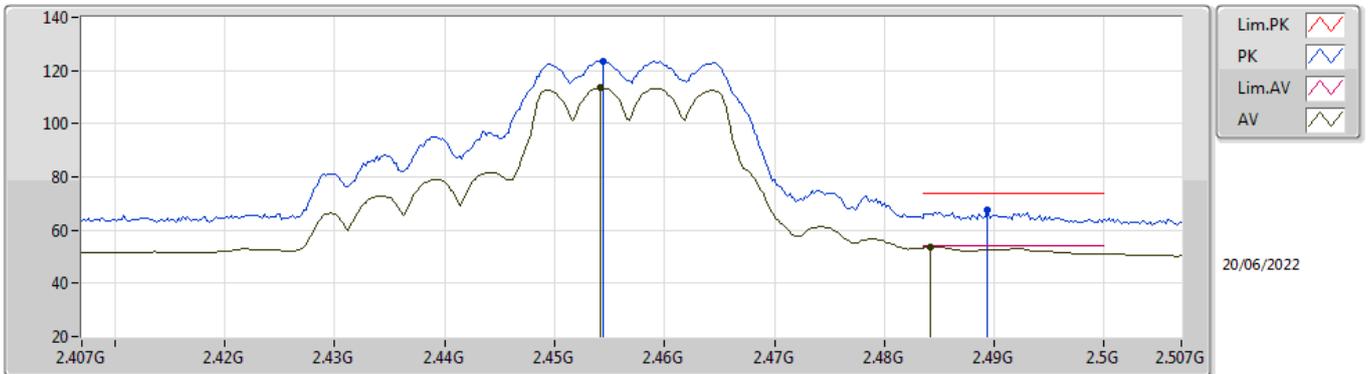


EUT Y_2TX
Setting 105
02-B-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.87532G	44.25	74.00	-29.75	38.20	3	Horizontal	16	1.92	-	33.15	5.10	32.20
AV	4.87342G	29.83	54.00	-24.17	23.79	3	Horizontal	16	1.92	-	33.15	5.10	32.21
PK	7.31206G	50.00	74.00	-24.00	40.24	3	Horizontal	301	1.34	-	36.42	6.16	32.82
AV	7.31442G	35.68	54.00	-18.32	25.92	3	Horizontal	301	1.34	-	36.43	6.16	32.83

802.11g_Nss1,(6Mbps)_2TX

2457MHz_TX

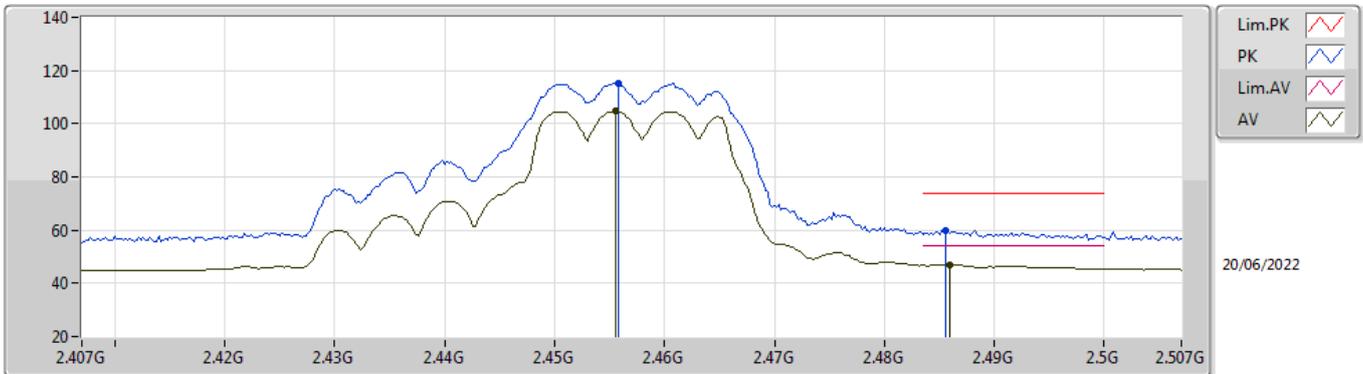


EUT Y_2TX
 Setting 96
 06-F-S-5
 Client ET12 2G Chain 8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.4544G	123.66	Inf	-Inf	92.54	3	Vertical	337	2.01	-	27.21	3.91	-
AV	2.4542G	113.40	Inf	-Inf	82.28	3	Vertical	337	2.01	-	27.21	3.91	-
PK	2.4894G	67.44	74.00	-6.56	36.25	3	Vertical	337	2.01	-	27.28	3.91	-
AV	2.4842G	53.66	54.00	-0.34	22.48	3	Vertical	337	2.01	-	27.27	3.91	-

802.11g_Nss1,(6Mbps)_2TX

2457MHz_TX

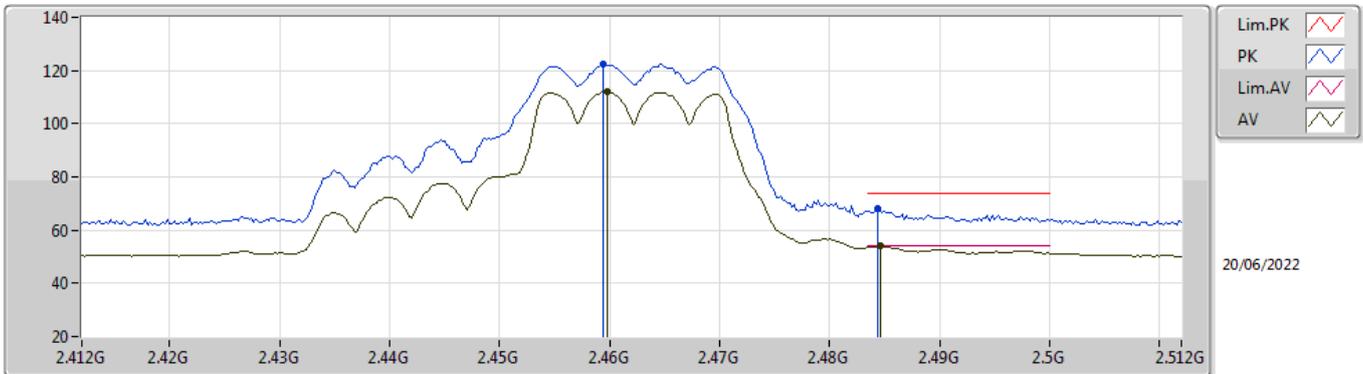


EUT_V_2TX
 Setting 96
 06-F-S-5
 Client ET12 2G Chain 8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.4558G	115.09	Inf	-Inf	83.97	3	Horizontal	11	2.34	-	27.21	3.91	-
AV	2.4556G	104.64	Inf	-Inf	73.52	3	Horizontal	11	2.34	-	27.21	3.91	-
PK	2.4856G	59.88	74.00	-14.12	28.70	3	Horizontal	11	2.34	-	27.27	3.91	-
AV	2.486G	47.09	54.00	-6.91	15.91	3	Horizontal	11	2.34	-	27.27	3.91	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

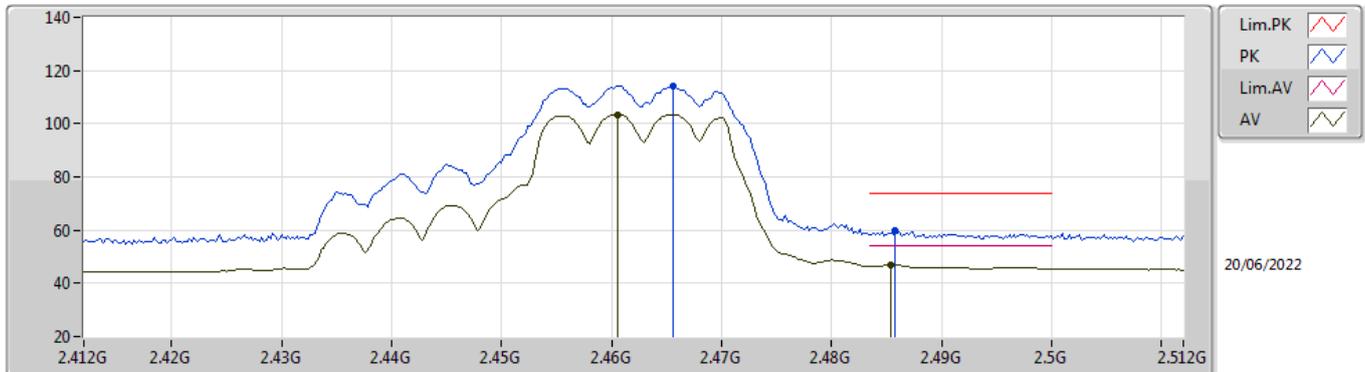


EUT Y_2TX
 Setting 92
 06-F-S-5
 Client ET12 2G Chain 8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.4594G	122.35	Inf	-Inf	91.22	3	Vertical	329	1.98	-	27.22	3.91	-
AV	2.4598G	111.91	Inf	-Inf	80.78	3	Vertical	329	1.98	-	27.22	3.91	-
PK	2.4844G	68.12	74.00	-5.88	36.94	3	Vertical	329	1.98	-	27.27	3.91	-
AV	2.4846G	53.90	54.00	-0.10	22.72	3	Vertical	329	1.98	-	27.27	3.91	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

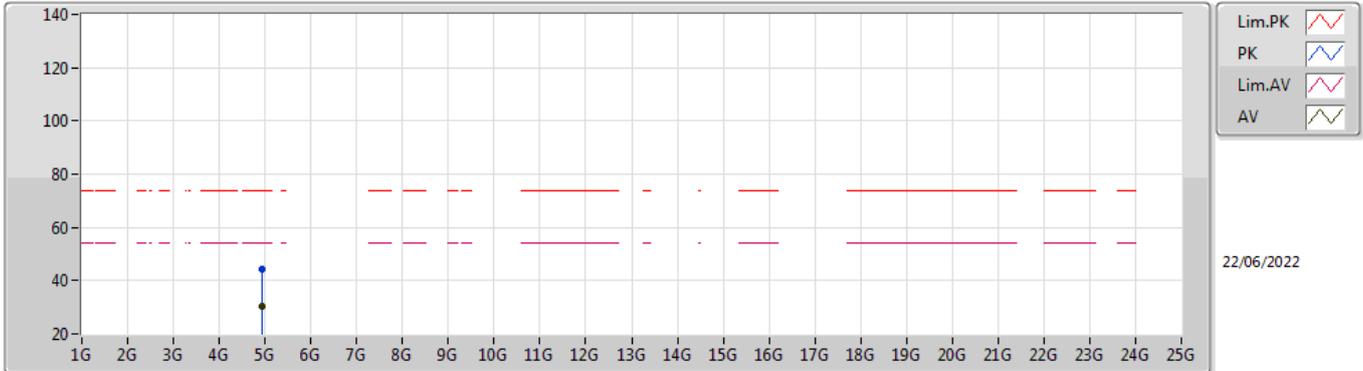


EUT Y_2TX
 Setting 92
 06-F-S-5
 Client ET12 2G Chain 8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.4656G	114.13	Inf	-Inf	82.99	3	Horizontal	18	2.56	-	27.23	3.91	-
AV	2.4606G	103.53	Inf	-Inf	72.40	3	Horizontal	18	2.56	-	27.22	3.91	-
PK	2.4858G	59.83	74.00	-14.17	28.65	3	Horizontal	18	2.56	-	27.27	3.91	-
AV	2.4854G	46.80	54.00	-7.20	15.62	3	Horizontal	18	2.56	-	27.27	3.91	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

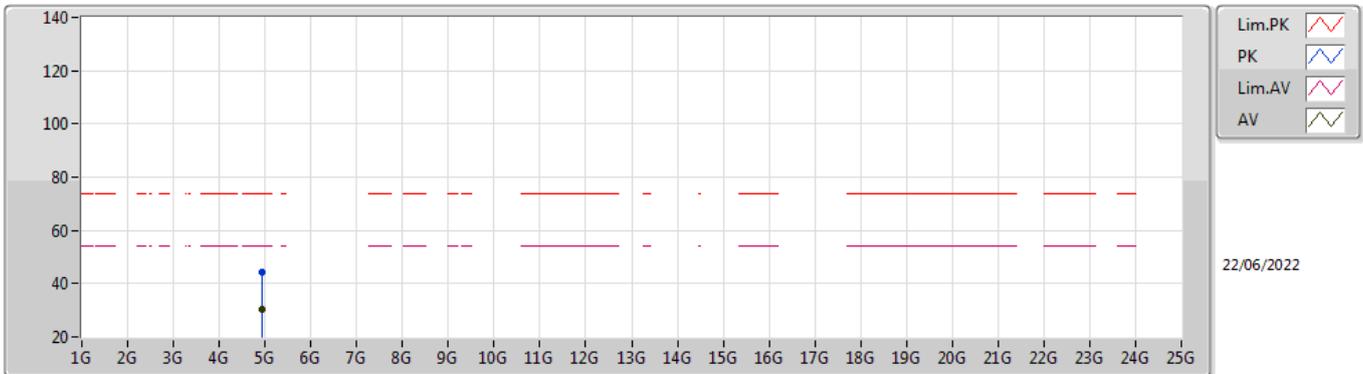


EUT Y_2TX
Setting 92
02-B-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.92676G	44.18	74.00	-29.82	38.02	3	Vertical	179	2.37	-	33.25	5.10	32.19
AV	4.92656G	30.20	54.00	-23.80	24.04	3	Vertical	179	2.37	-	33.25	5.10	32.19

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX



EUT Y_2TX
Setting 92
02-B-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.92498G	44.50	74.00	-29.50	38.34	3	Horizontal	8	2.13	-	33.25	5.10	32.19
AV	4.92656G	30.20	54.00	-23.80	24.04	3	Horizontal	8	2.13	-	33.25	5.10	32.19

802.11ax HEW20_Nss2,(MCS0)_2TX

2412MHz_TX

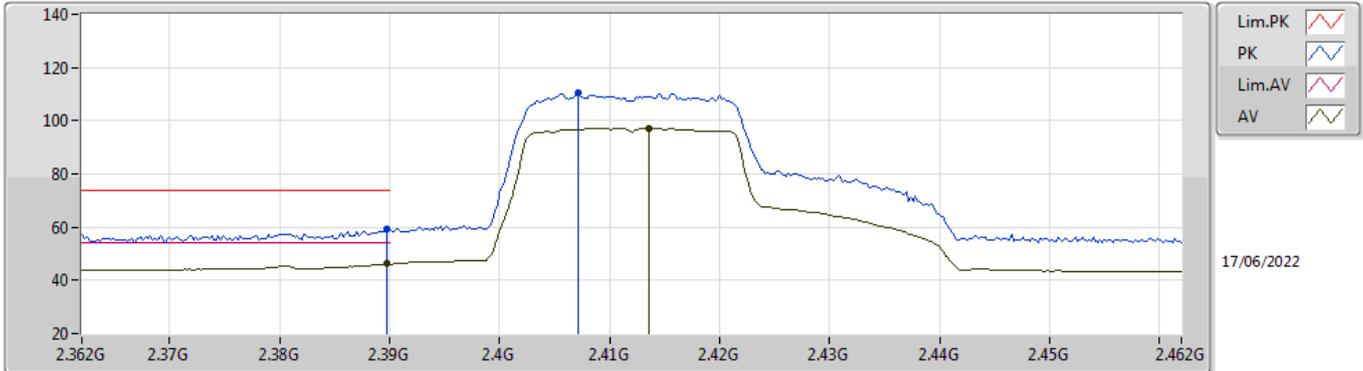


EUT V_2TX
 Setting 80
 06-F-S-5
 GT10 R1.10 No.A5
 ANT LW ER #1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3896G	67.57	74.00	-6.43	36.20	3	Vertical	336	2.29	-	27.48	3.89	-
AV	2.39G	53.81	54.00	-0.19	22.44	3	Vertical	336	2.29	-	27.48	3.89	-
PK	2.4086G	119.81	Inf	-Inf	88.54	3	Vertical	336	2.29	-	27.37	3.90	-
AV	2.4084G	106.72	Inf	-Inf	75.45	3	Vertical	336	2.29	-	27.37	3.90	-

802.11ax HEW20_Nss2,(MCS0)_2TX

2412MHz_TX

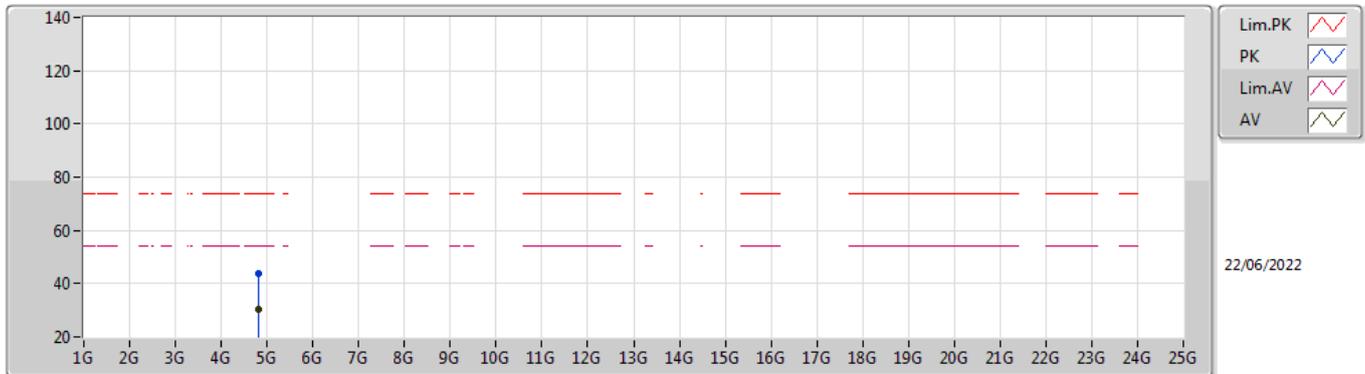


EUT Y_2TX
 Setting 80
 06-F-S-5
 GT10 R1.10 No.A5
 ANT LW ER #1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3898G	59.36	74.00	-14.64	27.99	3	Horizontal	4	2.42	-	27.48	3.89	-
AV	2.3898G	46.14	54.00	-7.86	14.77	3	Horizontal	4	2.42	-	27.48	3.89	-
PK	2.4072G	110.29	Inf	-Inf	79.02	3	Horizontal	4	2.42	-	27.37	3.90	-
AV	2.4136G	97.26	Inf	-Inf	66.01	3	Horizontal	4	2.42	-	27.35	3.90	-

802.11ax HEW20_Nss2,(MCS0)_2TX

2412MHz_TX

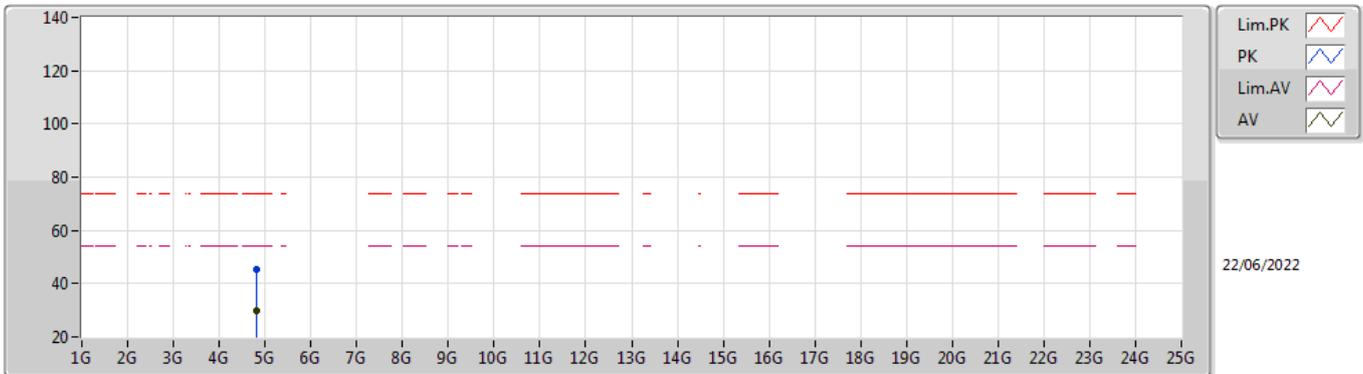


EUT Y_2TX
Setting 80
02-B-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.8275G	43.87	74.00	-30.13	38.03	3	Vertical	333	1.71	-	32.96	5.10	32.22
AV	4.82442G	30.10	54.00	-23.90	24.27	3	Vertical	333	1.71	-	32.95	5.10	32.22

802.11ax HEW20_Nss2,(MCS0)_2TX

2412MHz_TX

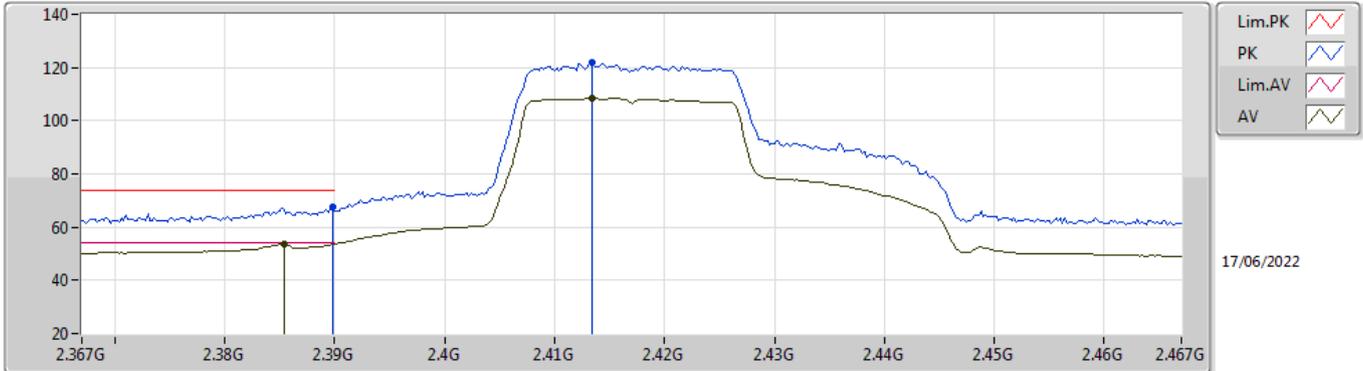


EUT Y_2TX
Setting 80
02-B-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.8197G	45.09	74.00	-28.91	39.29	3	Horizontal	24	1.95	-	32.92	5.10	32.22
AV	4.82264G	30.01	54.00	-23.99	24.19	3	Horizontal	24	1.95	-	32.94	5.10	32.22

802.11ax HEW20_Nss2,(MCS0)_2TX

2417MHz_TX

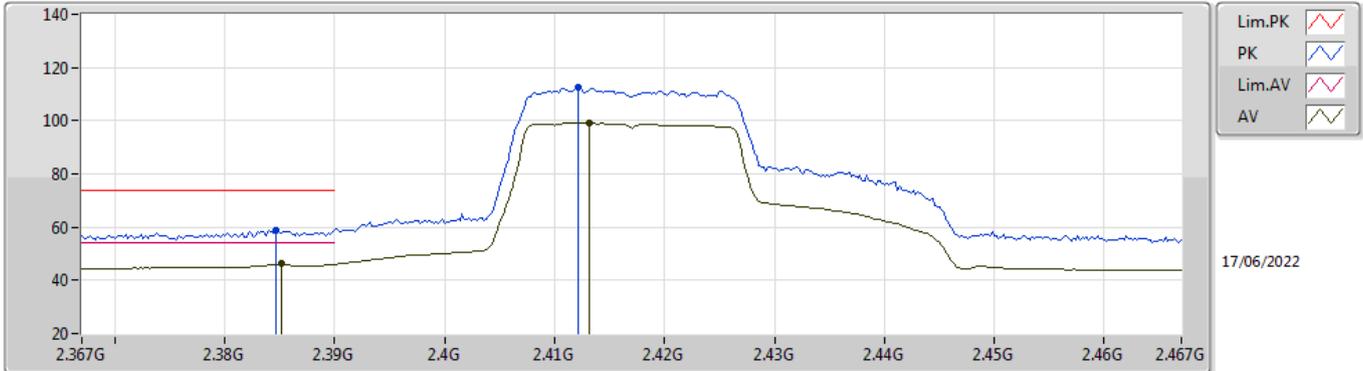


EUT Y_2TX
 Setting 88
 06-F-S-5
 GT10 R1.10 No.A5
 ANT LW ER #1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3898G	67.34	74.00	-6.66	35.97	3	Vertical	334	2.04	-	27.48	3.89	-
AV	2.3854G	53.62	54.00	-0.38	22.22	3	Vertical	334	2.04	-	27.52	3.88	-
PK	2.4134G	121.67	Inf	-Inf	90.42	3	Vertical	334	2.04	-	27.35	3.90	-
AV	2.4134G	108.58	Inf	-Inf	77.33	3	Vertical	334	2.04	-	27.35	3.90	-

802.11ax HEW20_Nss2,(MCS0)_2TX

2417MHz_TX

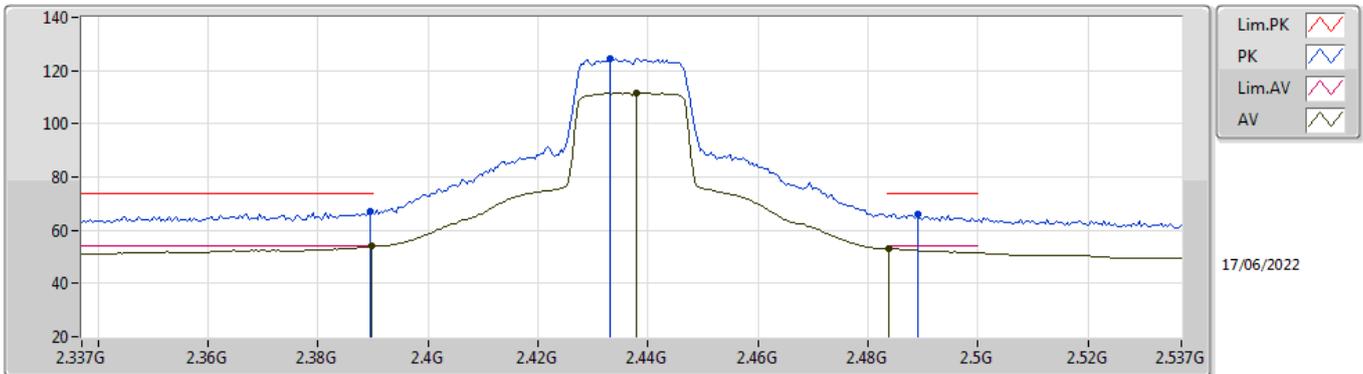


EUT V_2TX
 Setting 88
 06-F-S-5
 GT10 R1.10 No.A5
 ANT LW ER #1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3846G	58.96	74.00	-15.04	27.56	3	Horizontal	4	2.41	-	27.52	3.88	-
AV	2.3852G	46.38	54.00	-7.62	14.98	3	Horizontal	4	2.41	-	27.52	3.88	-
PK	2.4122G	112.80	Inf	-Inf	81.55	3	Horizontal	4	2.41	-	27.35	3.90	-
AV	2.4132G	99.15	Inf	-Inf	67.90	3	Horizontal	4	2.41	-	27.35	3.90	-

802.11ax HEW20_Nss2,(MCS0)_2TX

2437MHz_TX

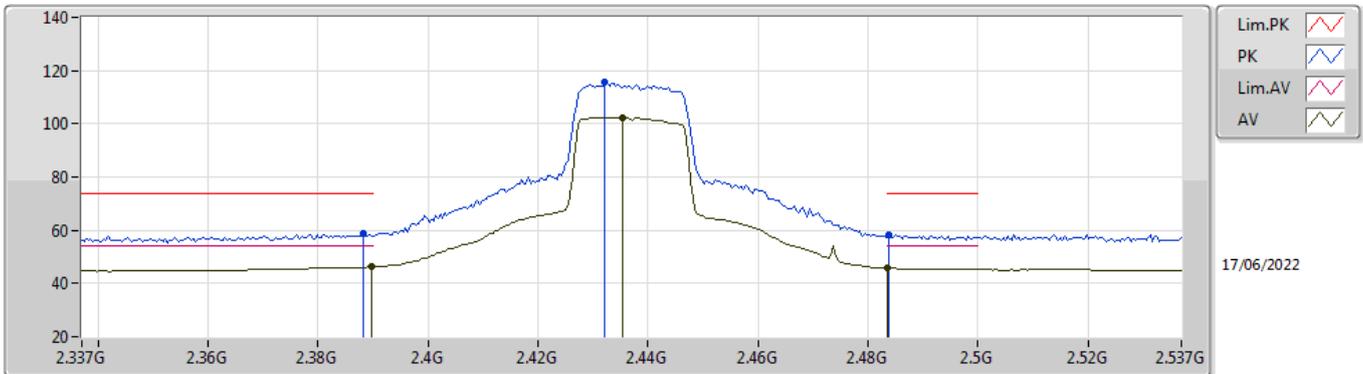


EUT V_2TX
 Setting 102
 06-F-S-5
 GT10 R1.10 No.A5
 ANT LW ER #1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3894G	67.06	74.00	-6.94	35.69	3	Vertical	335	2.25	-	27.48	3.89	-
AV	2.3898G	53.91	54.00	-0.09	22.54	3	Vertical	335	2.25	-	27.48	3.89	-
PK	2.433G	124.66	Inf	-Inf	93.49	3	Vertical	335	2.25	-	27.27	3.90	-
AV	2.4378G	111.65	Inf	-Inf	80.49	3	Vertical	335	2.25	-	27.25	3.91	-
PK	2.489G	66.23	74.00	-7.77	35.04	3	Vertical	335	2.25	-	27.28	3.91	-
AV	2.4838G	53.04	54.00	-0.96	21.86	3	Vertical	335	2.25	-	27.27	3.91	-

802.11ax HEW20_Nss2,(MCS0)_2TX

2437MHz_TX

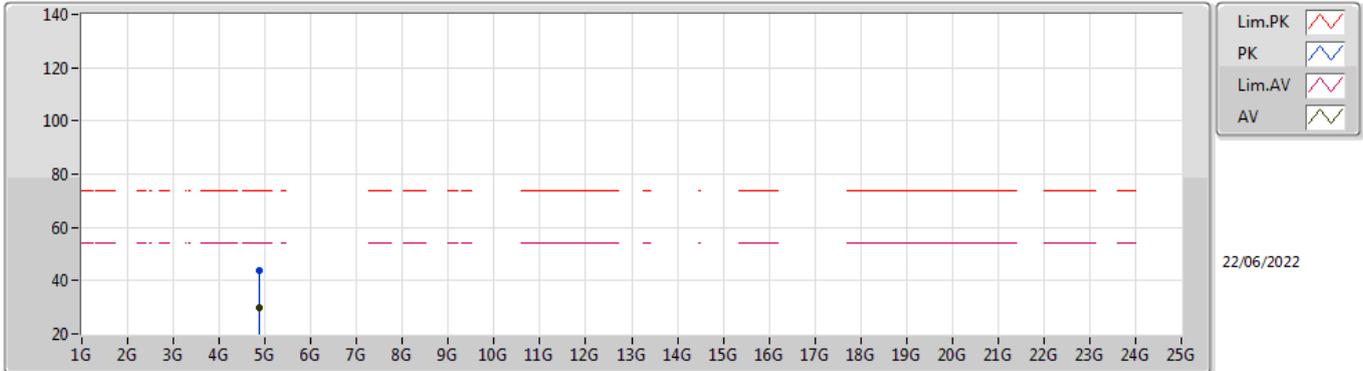


EUT V_2TX
 Setting 102
 06-F-S-5
 GT10 R1.10 No.A5
 ANT LW ER #1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3882G	58.70	74.00	-15.30	27.32	3	Horizontal	14	2.18	-	27.49	3.89	-
AV	2.3898G	46.31	54.00	-7.69	14.94	3	Horizontal	14	2.18	-	27.48	3.89	-
PK	2.4322G	115.51	Inf	-Inf	84.34	3	Horizontal	14	2.18	-	27.27	3.90	-
AV	2.4354G	102.50	Inf	-Inf	71.33	3	Horizontal	14	2.18	-	27.26	3.91	-
PK	2.4838G	58.08	74.00	-15.92	26.90	3	Horizontal	14	2.18	-	27.27	3.91	-
AV	2.4835G	45.72	54.00	-8.28	14.54	3	Horizontal	14	2.18	-	27.27	3.91	-

802.11ax HEW20_Nss2,(MCS0)_2TX

2437MHz_TX

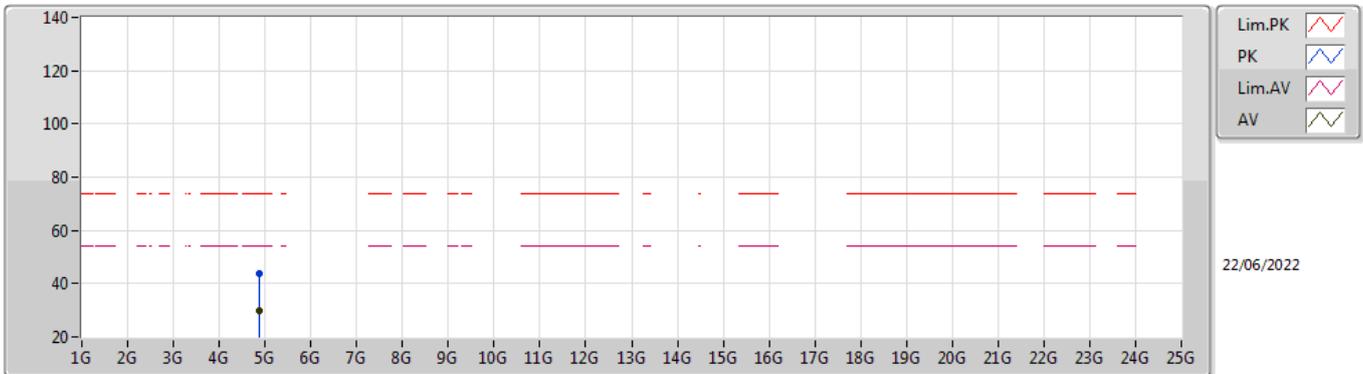


EUT Y_2TX
Setting 102
02-B-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.86964G	43.90	74.00	-30.10	37.87	3	Vertical	183	1.30	-	33.14	5.10	32.21
AV	4.87546G	30.02	54.00	-23.98	23.97	3	Vertical	183	1.30	-	33.15	5.10	32.20

802.11ax HEW20_Nss2,(MCS0)_2TX

2437MHz_TX

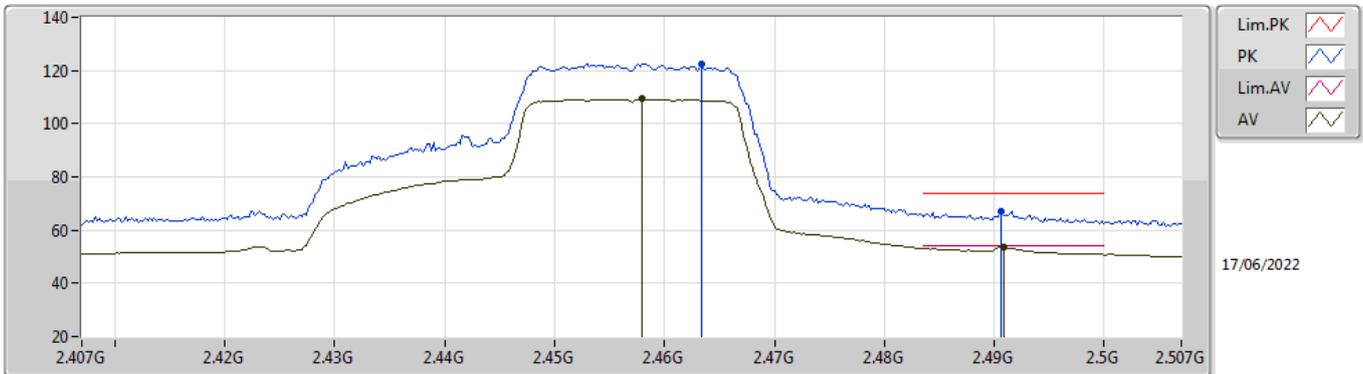


EUT Y_2TX
Setting 102
02-B-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.87846G	44.04	74.00	-29.96	37.98	3	Horizontal	107	2.46	-	33.16	5.10	32.20
AV	4.87354G	30.01	54.00	-23.99	23.97	3	Horizontal	107	2.46	-	33.15	5.10	32.21

802.11ax HEW20_Nss2,(MCS0)_2TX

2457MHz_TX

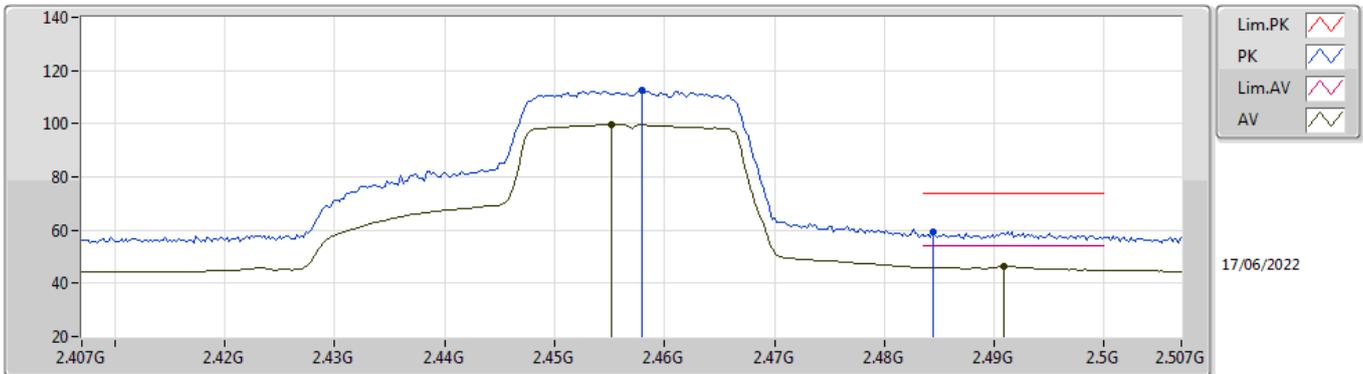


EUT Y_2TX
 Setting 94
 06-F-S-5
 GT10 R1.10 No.A5
 ANT LW ER #1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.4634G	122.67	Inf	-Inf	91.53	3	Vertical	334	2.02	-	27.23	3.91	-
AV	2.458G	109.33	Inf	-Inf	78.20	3	Vertical	334	2.02	-	27.22	3.91	-
PK	2.4906G	66.97	74.00	-7.03	35.78	3	Vertical	334	2.02	-	27.28	3.91	-
AV	2.4908G	53.78	54.00	-0.22	22.59	3	Vertical	334	2.02	-	27.28	3.91	-

802.11ax HEW20_Nss2,(MCS0)_2TX

2457MHz_TX

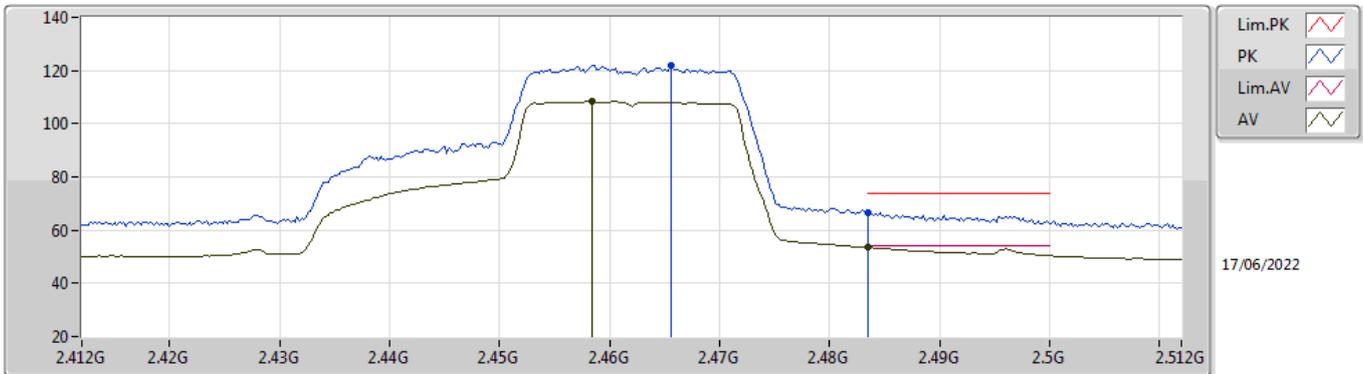


EUT Y_2TX
 Setting 94
 06-F-S-5
 GT10 R1.10 No.A5
 ANT LW ER #1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.458G	112.51	Inf	-Inf	81.38	3	Horizontal	12	1.70	-	27.22	3.91	-
AV	2.4552G	99.71	Inf	-Inf	68.59	3	Horizontal	12	1.70	-	27.21	3.91	-
PK	2.4844G	59.56	74.00	-14.44	28.38	3	Horizontal	12	1.70	-	27.27	3.91	-
AV	2.4908G	46.63	54.00	-7.37	15.44	3	Horizontal	12	1.70	-	27.28	3.91	-

802.11ax HEW20_Nss2,(MCS0)_2TX

2462MHz_TX

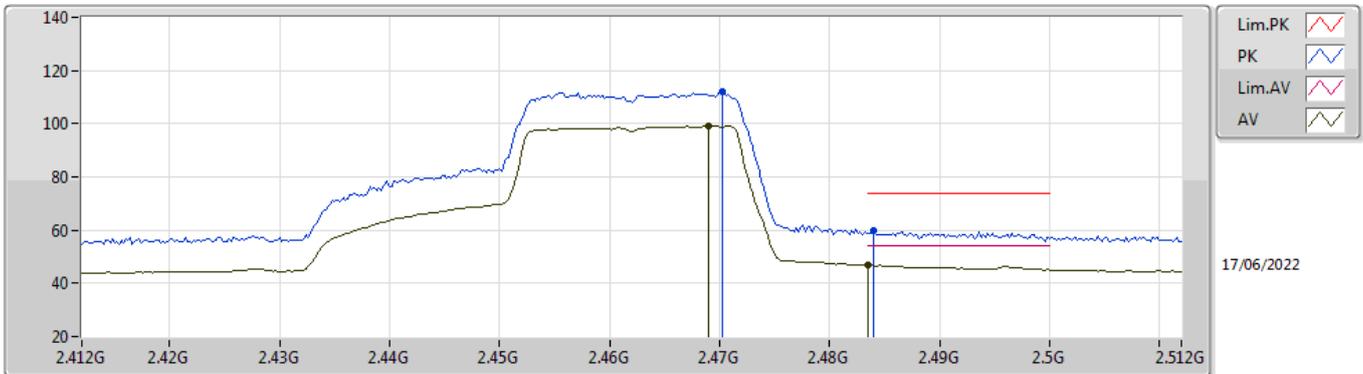


EUT Y_2TX
 Setting 90
 06-F-S-5
 GT10 R1.10 No.A5
 ANT LW ER #1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.4656G	121.96	Inf	-Inf	90.82	3	Vertical	337	2.03	-	27.23	3.91	-
AV	2.4584G	108.54	Inf	-Inf	77.41	3	Vertical	337	2.03	-	27.22	3.91	-
PK	2.4835G	66.76	74.00	-7.24	35.58	3	Vertical	337	2.03	-	27.27	3.91	-
AV	2.4835G	53.81	54.00	-0.19	22.63	3	Vertical	337	2.03	-	27.27	3.91	-

802.11ax HEW20_Nss2,(MCS0)_2TX

2462MHz_TX

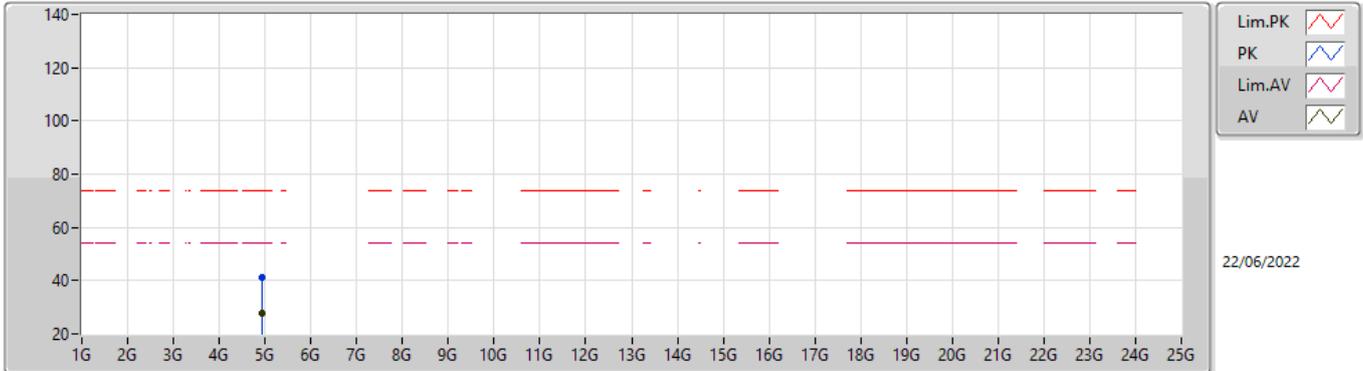


EUT Y_2TX
 Setting 90
 06-F-S-5
 GT10 R1.10 No.A5
 ANT LW ER #1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.4702G	112.03	Inf	-Inf	80.88	3	Horizontal	12	2.30	-	27.24	3.91	-
AV	2.469G	99.28	Inf	-Inf	68.13	3	Horizontal	12	2.30	-	27.24	3.91	-
PK	2.484G	59.99	74.00	-14.01	28.81	3	Horizontal	12	2.30	-	27.27	3.91	-
AV	2.4835G	46.85	54.00	-7.15	15.67	3	Horizontal	12	2.30	-	27.27	3.91	-

802.11ax HEW20_Nss2,(MCS0)_2TX

2462MHz_TX

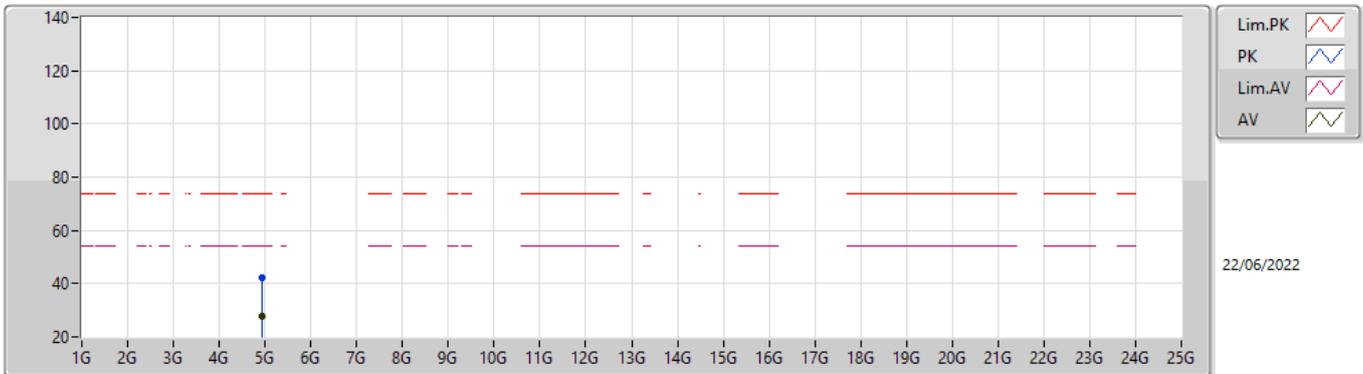


EUTY_2TX
Setting 90
02-B-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.92524G	41.27	74.00	-32.73	35.11	3	Vertical	256	1.71	-	33.25	5.10	32.19
AV	4.92668G	27.69	54.00	-26.31	21.53	3	Vertical	256	1.71	-	33.25	5.10	32.19

802.11ax HEW20_Nss2,(MCS0)_2TX

2462MHz_TX

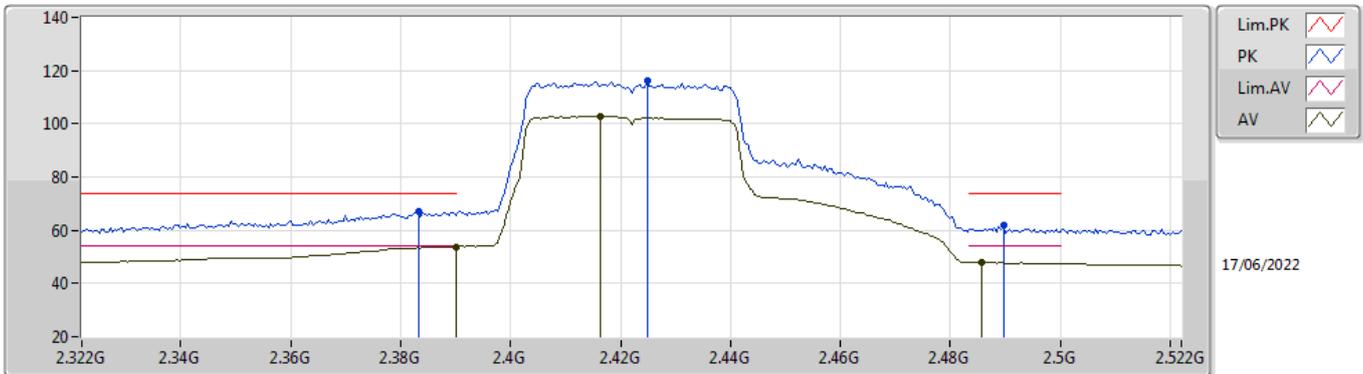


EUTY_2TX
Setting 90
02-B-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.927G	42.19	74.00	-31.81	36.03	3	Horizontal	17	2.70	-	33.25	5.10	32.19
AV	4.92664G	27.65	54.00	-26.35	21.49	3	Horizontal	17	2.70	-	33.25	5.10	32.19

802.11ax HEW40_Nss2,(MCS0)_2TX

2422MHz_TX

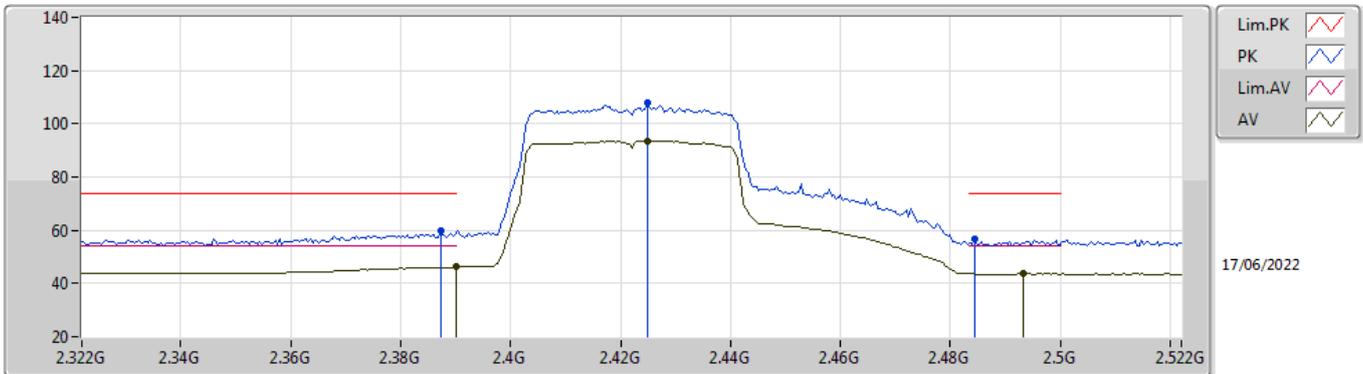


EUT_V_2TX
 Setting 76
 06-F-S-5
 GT10 R1.10 No.A5
 ANT LW ER #1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3832G	66.89	74.00	-7.11	35.48	3	Vertical	332	2.32	-	27.53	3.88	-
AV	2.39G	53.84	54.00	-0.16	22.47	3	Vertical	332	2.32	-	27.48	3.89	-
PK	2.4248G	116.41	Inf	-Inf	85.21	3	Vertical	332	2.32	-	27.30	3.90	-
AV	2.4164G	102.81	Inf	-Inf	71.58	3	Vertical	332	2.32	-	27.33	3.90	-
PK	2.4896G	61.69	74.00	-12.31	30.50	3	Vertical	332	2.32	-	27.28	3.91	-
AV	2.4856G	47.92	54.00	-6.08	16.74	3	Vertical	332	2.32	-	27.27	3.91	-

802.11ax HEW40_Nss2,(MCS0)_2TX

2422MHz_TX

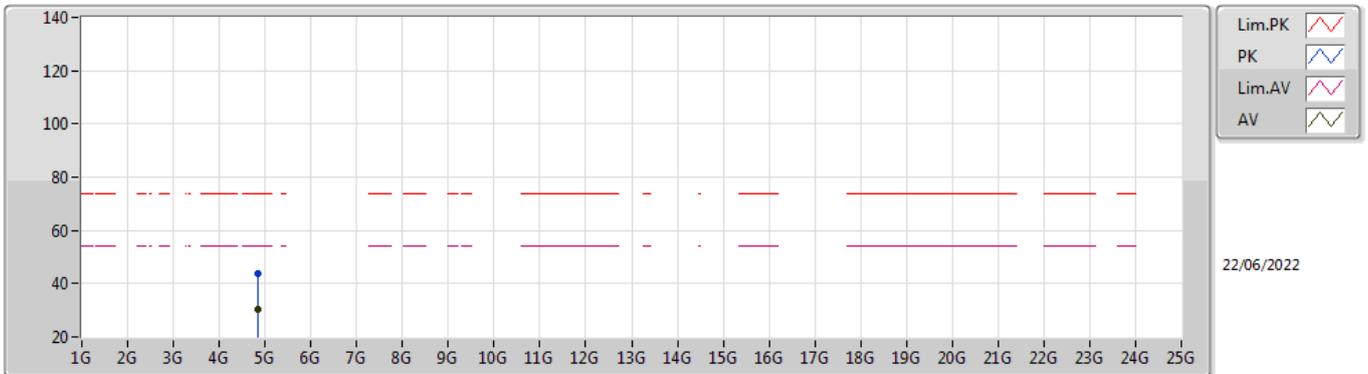


EUT_V_2TX
 Setting 76
 06-F-S-5
 GT10 R1.10 No.A5
 ANT LW ER #1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3872G	59.75	74.00	-14.25	28.37	3	Horizontal	10	2.16	-	27.50	3.88	-
AV	2.39G	46.15	54.00	-7.85	14.78	3	Horizontal	10	2.16	-	27.48	3.89	-
PK	2.4248G	108.02	Inf	-Inf	76.82	3	Horizontal	10	2.16	-	27.30	3.90	-
AV	2.4248G	93.69	Inf	-Inf	62.49	3	Horizontal	10	2.16	-	27.30	3.90	-
PK	2.4844G	56.62	74.00	-17.38	25.44	3	Horizontal	10	2.16	-	27.27	3.91	-
AV	2.4932G	43.58	54.00	-10.42	12.38	3	Horizontal	10	2.16	-	27.29	3.91	-

802.11ax HEW40_Nss2,(MCS0)_2TX

2422MHz_TX

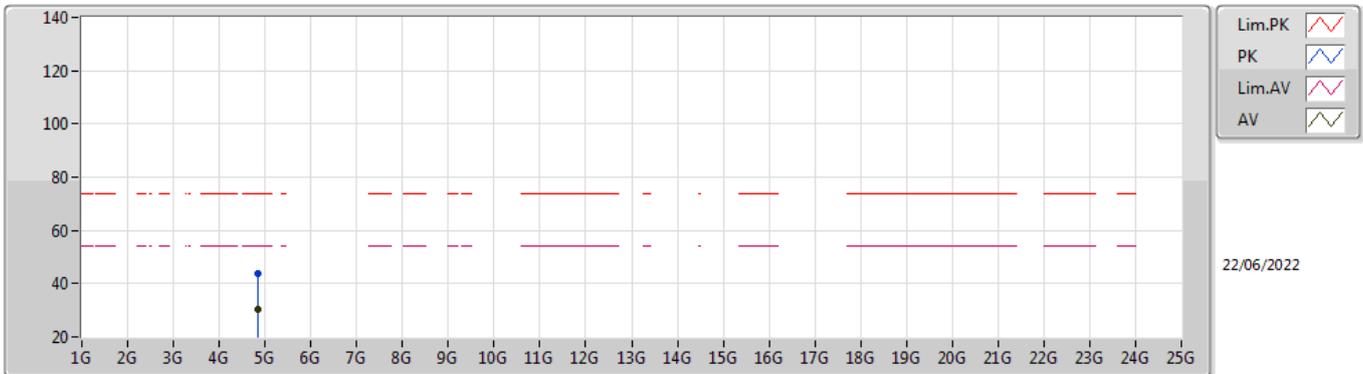


EUT Y_2TX
Setting 76
02-B-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.84772G	44.01	74.00	-29.99	38.03	3	Vertical	268	1.96	-	33.09	5.10	32.21
AV	4.84524G	30.10	54.00	-23.90	24.15	3	Vertical	268	1.96	-	33.07	5.10	32.22

802.11ax HEW40_Nss2,(MCS0)_2TX

2422MHz_TX

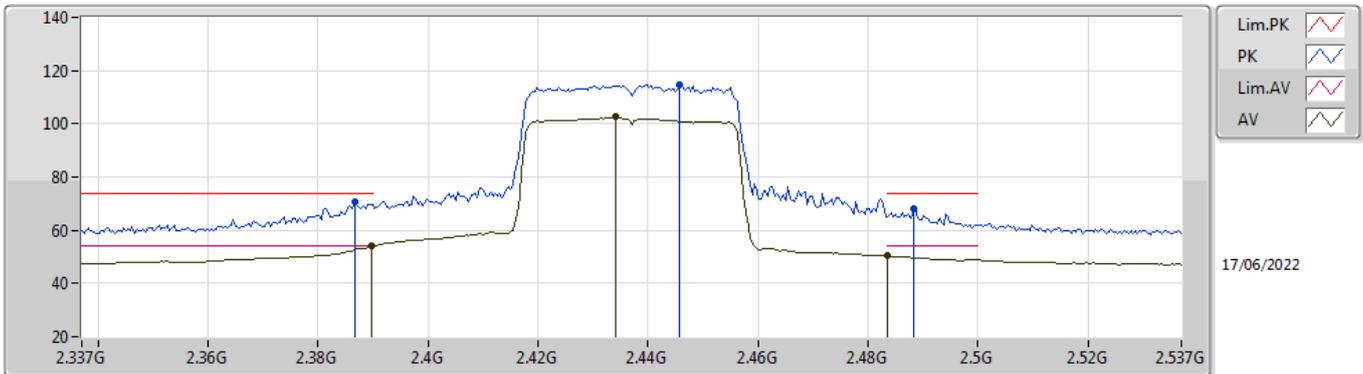


EUT Y_2TX
Setting 76
02-B-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.84238G	43.68	74.00	-30.32	37.75	3	Horizontal	133	2.33	-	33.05	5.10	32.22
AV	4.84518G	30.11	54.00	-23.89	24.16	3	Horizontal	133	2.33	-	33.07	5.10	32.22

802.11ax HEW40_Nss2,(MCS0)_2TX

2437MHz_TX

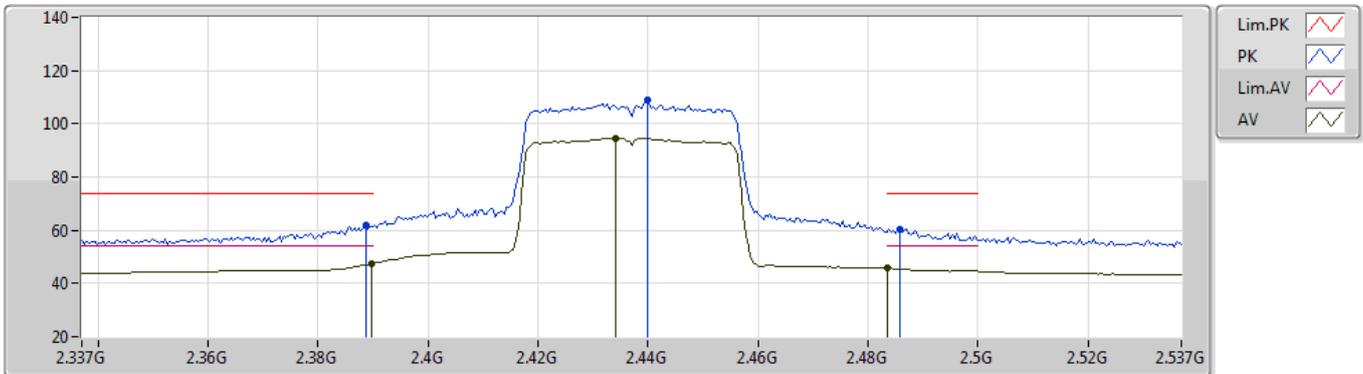


EUT V_2TX
 Setting 79
 06-F-S-5
 GT10 R1.10 No.A5
 ANT LW ER #1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3866G	70.50	74.00	-3.50	39.11	3	Vertical	337	1.80	-	27.51	3.88	-
AV	2.3898G	53.94	54.00	-0.06	22.57	3	Vertical	337	1.80	-	27.48	3.89	-
PK	2.4458G	114.64	Inf	-Inf	83.51	3	Vertical	337	1.80	-	27.22	3.91	-
AV	2.4342G	102.56	Inf	-Inf	71.39	3	Vertical	337	1.80	-	27.26	3.91	-
PK	2.4882G	68.21	74.00	-5.79	37.02	3	Vertical	337	1.80	-	27.28	3.91	-
AV	2.4835G	50.37	54.00	-3.63	19.19	3	Vertical	337	1.80	-	27.27	3.91	-

802.11ax HEW40_Nss2,(MCS0)_2TX

2437MHz_TX

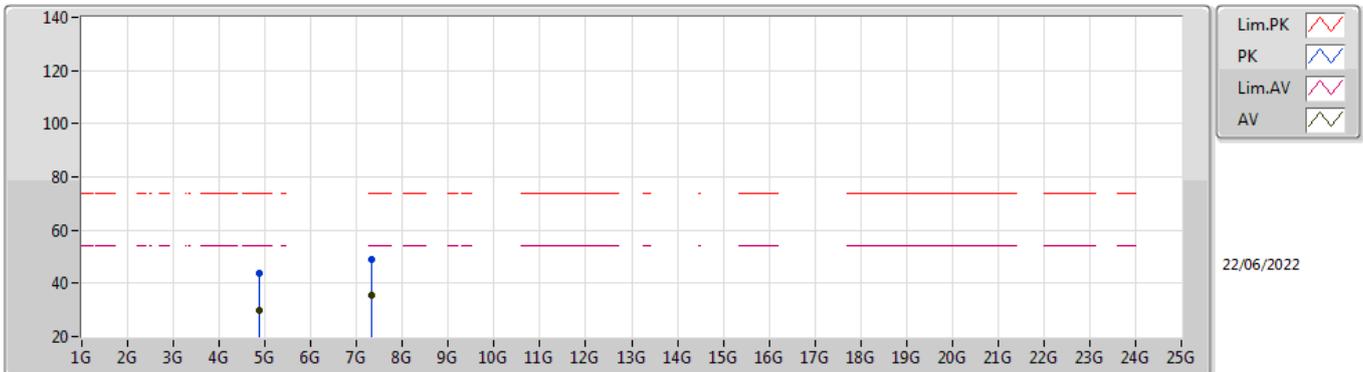


EUT_V_2TX
 Setting 79
 06-F-S-5
 GT10 R1.10 No.A5
 ANT LW ER #1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3886G	61.99	74.00	-12.01	30.61	3	Horizontal	341	2.21	-	27.49	3.89	-
AV	2.3898G	47.42	54.00	-6.58	16.05	3	Horizontal	341	2.21	-	27.48	3.89	-
PK	2.4398G	108.81	Inf	-Inf	77.66	3	Horizontal	341	2.21	-	27.24	3.91	-
AV	2.4342G	94.59	Inf	-Inf	63.42	3	Horizontal	341	2.21	-	27.26	3.91	-
PK	2.4858G	60.34	74.00	-13.66	29.16	3	Horizontal	341	2.21	-	27.27	3.91	-
AV	2.4835G	45.69	54.00	-8.31	14.51	3	Horizontal	341	2.21	-	27.27	3.91	-

802.11ax HEW40_Nss2,(MCS0)_2TX

2437MHz_TX

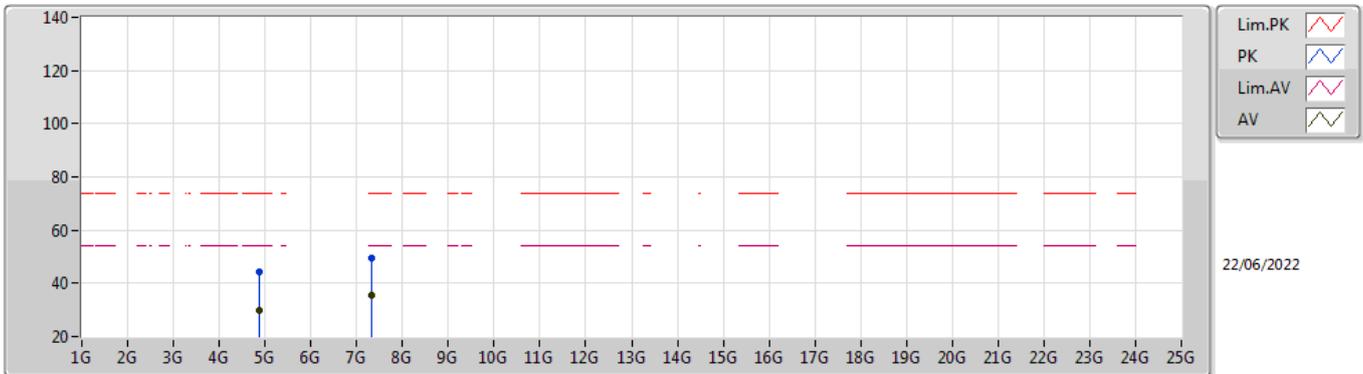


EUT Y_2TX
Setting 79
02-B-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.87038G	43.59	74.00	-30.41	37.56	3	Vertical	36	1.65	-	33.14	5.10	32.21
AV	4.87344G	30.04	54.00	-23.96	24.00	3	Vertical	36	1.65	-	33.15	5.10	32.21
PK	7.31218G	48.91	74.00	-25.09	39.15	3	Vertical	357	1.44	-	36.42	6.16	32.82
AV	7.31578G	35.36	54.00	-18.64	25.60	3	Vertical	357	1.44	-	36.43	6.16	32.83

802.11ax HEW40_Nss2,(MCS0)_2TX

2437MHz_TX

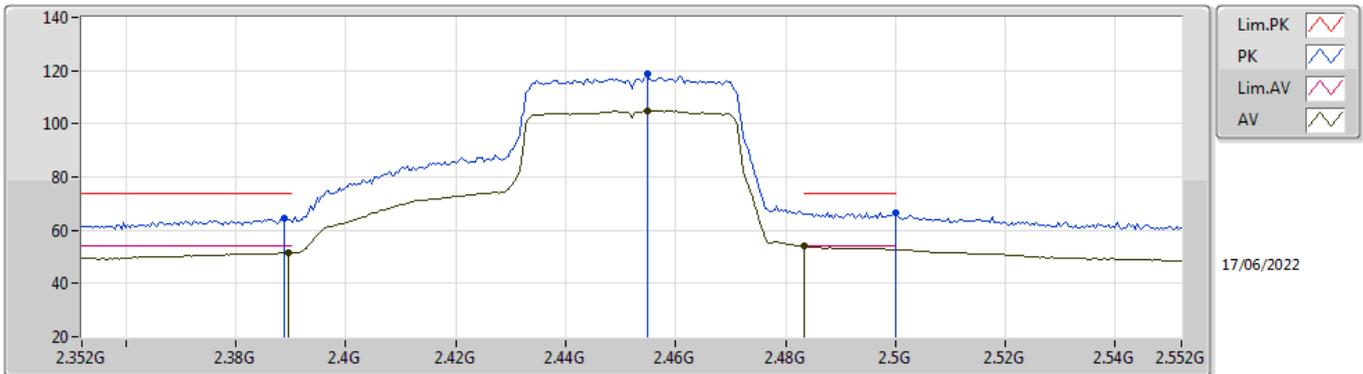


EUT Y_2TX
Setting 79
02-B-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.8701G	44.51	74.00	-29.49	38.48	3	Horizontal	298	1.67	-	33.14	5.10	32.21
AV	4.87524G	30.08	54.00	-23.92	24.03	3	Horizontal	298	1.67	-	33.15	5.10	32.20
PK	7.31532G	49.64	74.00	-24.36	39.88	3	Horizontal	181	1.82	-	36.43	6.16	32.83
AV	7.31596G	35.38	54.00	-18.62	25.62	3	Horizontal	181	1.82	-	36.43	6.16	32.83

802.11ax HEW40_Nss2,(MCS0)_2TX

2452MHz_TX

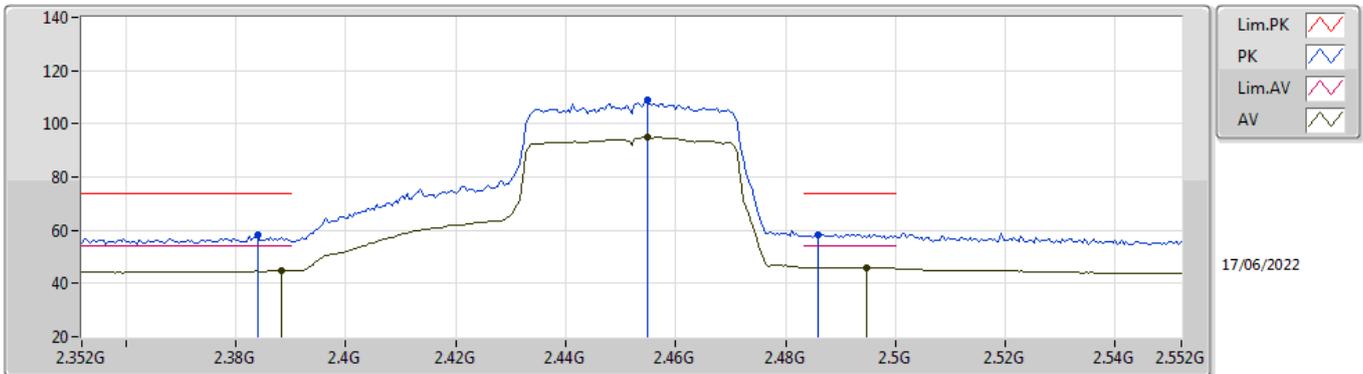


EUT_V_2TX
 Setting 84
 06-F-S-5
 GT10 R1.10 No.A5
 ANT LW ER #1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3888G	64.54	74.00	-9.46	33.16	3	Vertical	332	2.02	-	27.49	3.89	-
AV	2.3896G	51.50	54.00	-2.50	20.13	3	Vertical	332	2.02	-	27.48	3.89	-
PK	2.4548G	119.01	Inf	-Inf	87.89	3	Vertical	332	2.02	-	27.21	3.91	-
AV	2.4548G	104.85	Inf	-Inf	73.73	3	Vertical	332	2.02	-	27.21	3.91	-
PK	2.5G	66.66	74.00	-7.34	35.44	3	Vertical	332	2.02	-	27.30	3.92	-
AV	2.4835G	53.91	54.00	-0.09	22.73	3	Vertical	332	2.02	-	27.27	3.91	-

802.11ax HEW40_Nss2,(MCS0)_2TX

2452MHz_TX

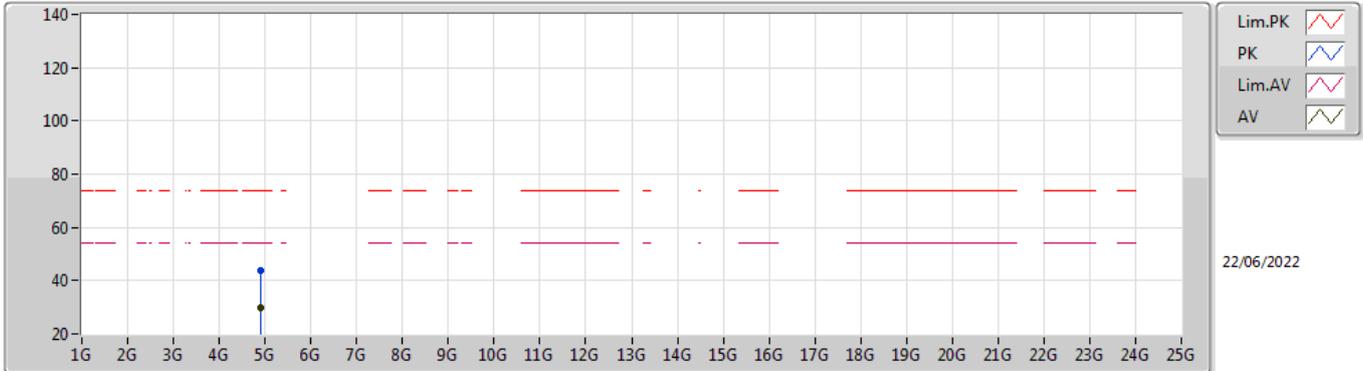


EUT_V_2TX
 Setting 84
 06-F-S-5
 GT10 R1.10 No.A5
 ANT LW ER #1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.384G	58.10	74.00	-15.90	26.69	3	Horizontal	4	1.69	-	27.53	3.88	-
AV	2.3884G	44.66	54.00	-9.34	13.28	3	Horizontal	4	1.69	-	27.49	3.89	-
PK	2.4548G	109.07	Inf	-Inf	77.95	3	Horizontal	4	1.69	-	27.21	3.91	-
AV	2.4548G	95.01	Inf	-Inf	63.89	3	Horizontal	4	1.69	-	27.21	3.91	-
PK	2.486G	58.50	74.00	-15.50	27.32	3	Horizontal	4	1.69	-	27.27	3.91	-
AV	2.4948G	46.08	54.00	-7.92	14.88	3	Horizontal	4	1.69	-	27.29	3.91	-

802.11ax HEW40_Nss2,(MCS0)_2TX

2452MHz_TX



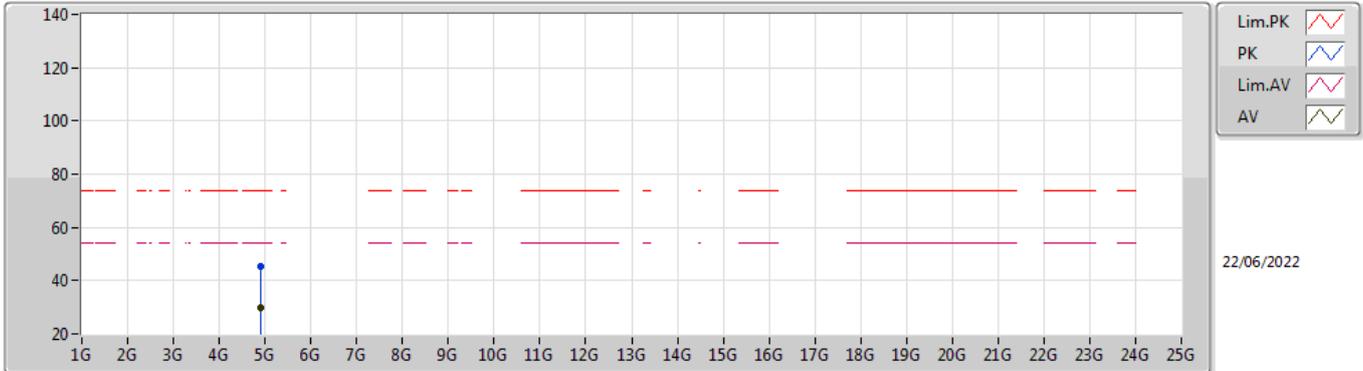
22/06/2022

EUT Y_2TX
Setting 84
02-B-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.90708G	43.98	74.00	-30.02	37.86	3	Vertical	328	1.83	-	33.21	5.10	32.19
AV	4.90586G	29.77	54.00	-24.23	23.65	3	Vertical	328	1.83	-	33.21	5.10	32.19

802.11ax HEW40_Nss2,(MCS0)_2TX

2452MHz_TX



EUT Y_2TX
Setting 84
02-B-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.90074G	45.27	74.00	-28.73	39.17	3	Horizontal	320	1.34	-	33.20	5.10	32.20
AV	4.90582G	29.78	54.00	-24.22	23.66	3	Horizontal	320	1.34	-	33.21	5.10	32.19

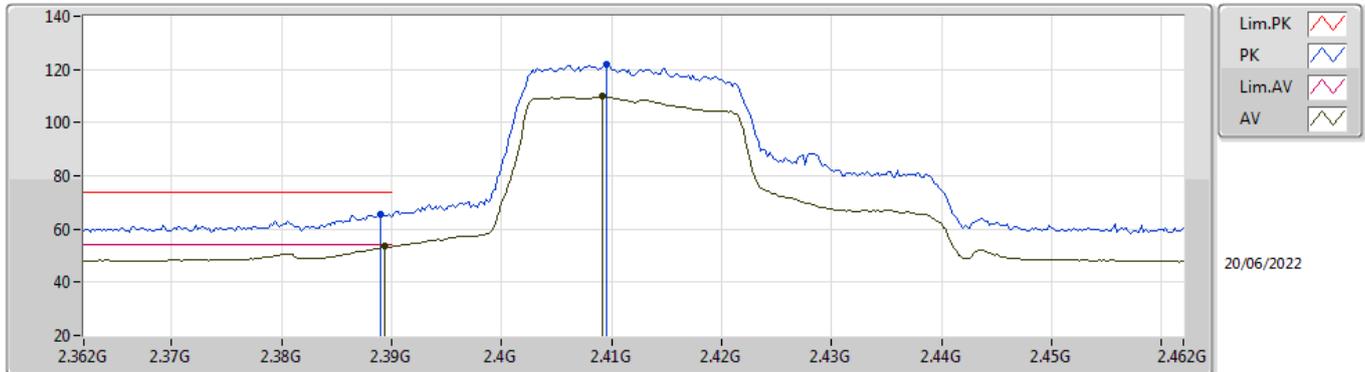


Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	Pass	AV	2.4846G	53.99	54.00	-0.01	3	Vertical	29.2	2.74	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2412MHz_TX

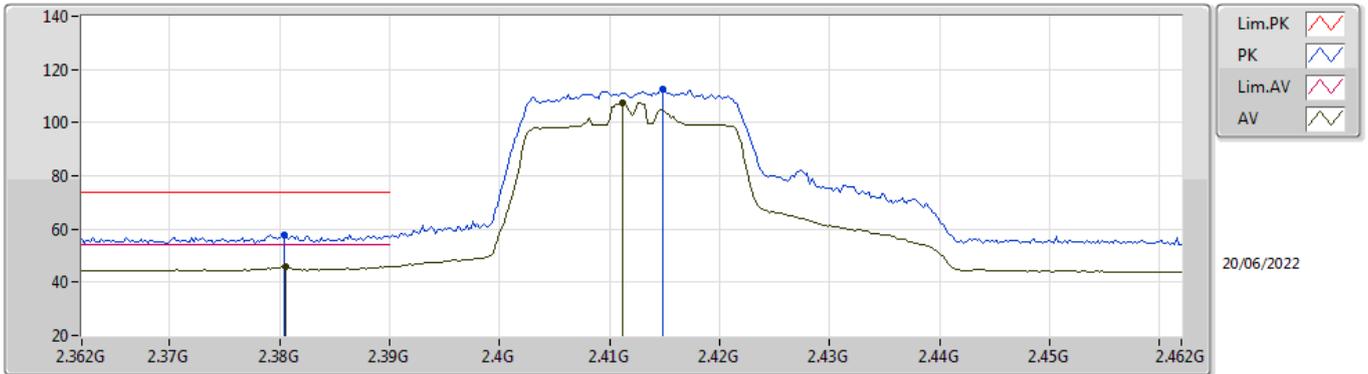


EUT Y_2TX
 Setting 85
 06-F-S-5
 Client ET12 2G Chain 8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.389G	65.72	74.00	-8.28	34.34	3	Vertical	38	2.48	-	27.49	3.89	-
AV	2.3894G	53.62	54.00	-0.38	22.25	3	Vertical	38	2.48	-	27.48	3.89	-
PK	2.4096G	122.15	Inf	-Inf	90.89	3	Vertical	38	2.48	-	27.36	3.90	-
AV	2.4092G	109.90	Inf	-Inf	78.64	3	Vertical	38	2.48	-	27.36	3.90	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2412MHz_TX

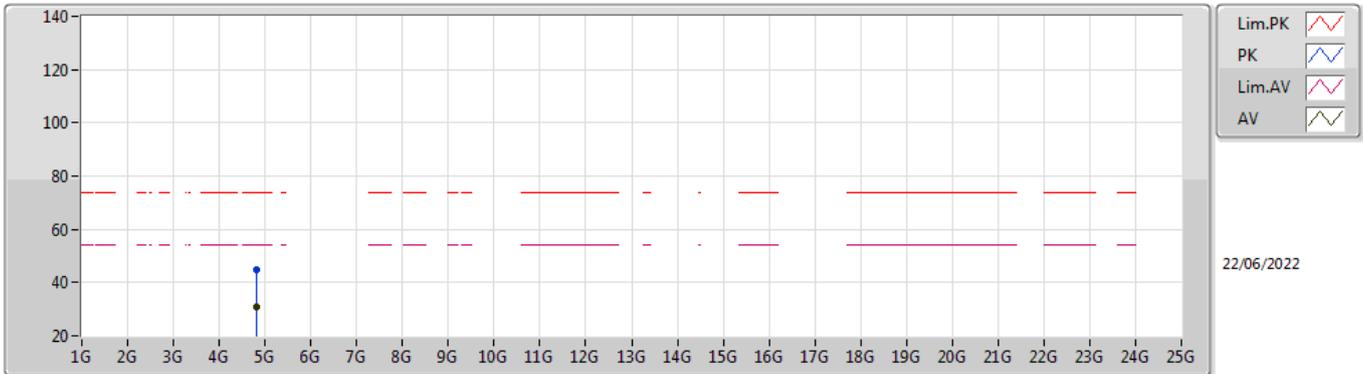


EUT Y_2TX
 Setting 85
 06-F-S-5
 Client ET12 2G Chain 8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3804G	57.82	74.00	-16.18	26.38	3	Horizontal	147	1.98	-	27.56	3.88	-
AV	2.3806G	45.92	54.00	-8.08	14.48	3	Horizontal	147	1.98	-	27.56	3.88	-
PK	2.4148G	112.40	Inf	-Inf	81.16	3	Horizontal	147	1.98	-	27.34	3.90	-
AV	2.4112G	107.55	Inf	-Inf	76.29	3	Horizontal	147	1.98	-	27.36	3.90	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2412MHz_TX

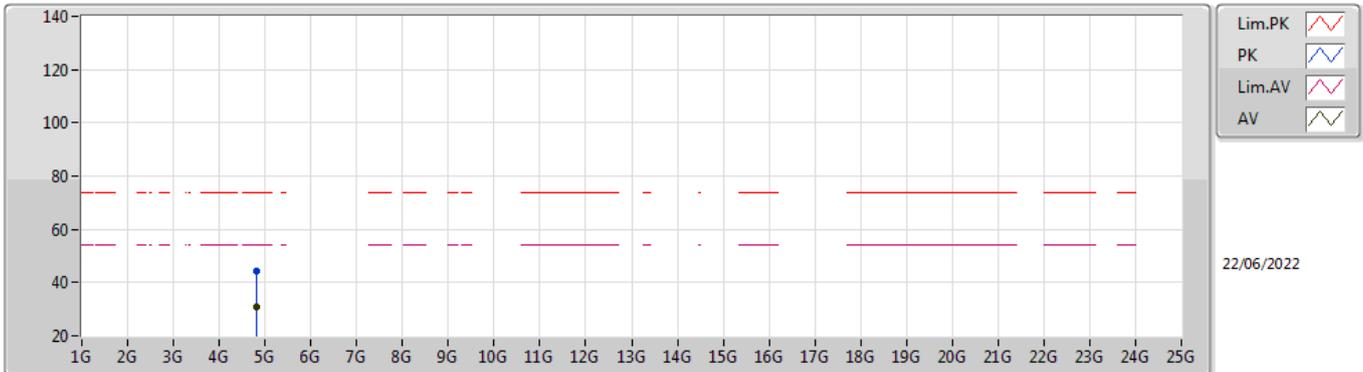


EUT Y_2TX
Setting 85
02-B-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.82304G	44.75	74.00	-29.25	38.93	3	Vertical	86	1.72	-	32.94	5.10	32.22
AV	4.82422G	30.88	54.00	-23.12	25.05	3	Vertical	86	1.72	-	32.95	5.10	32.22

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2412MHz_TX

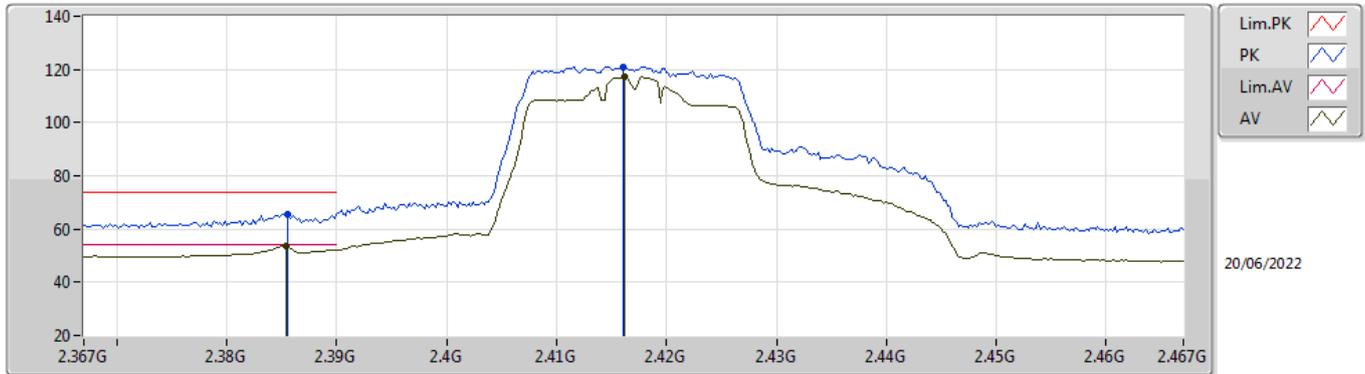


EUT Y_2TX
Setting 85
02-B-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.81932G	44.19	74.00	-29.81	38.40	3	Horizontal	338	2.37	-	32.92	5.10	32.23
AV	4.82572G	30.80	54.00	-23.20	24.97	3	Horizontal	338	2.37	-	32.95	5.10	32.22

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2417MHz_TX

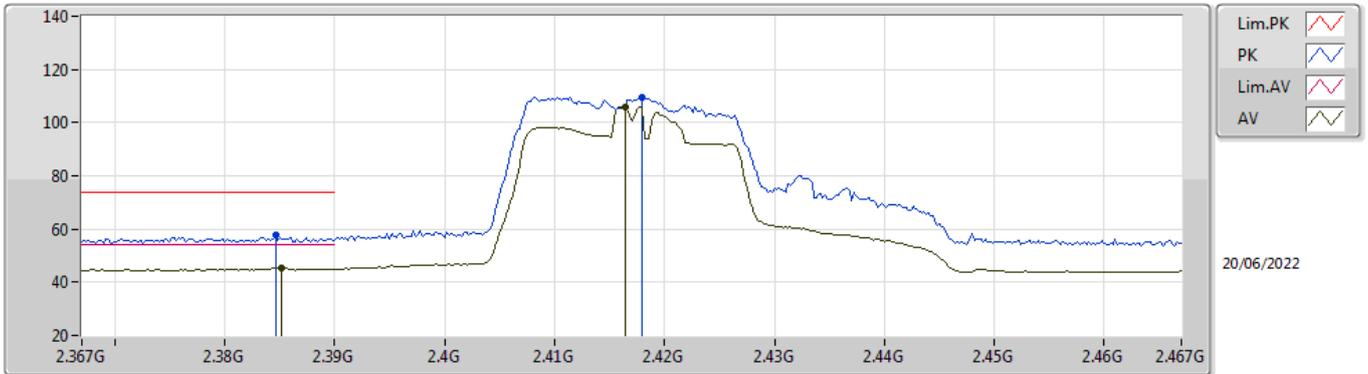


EUT Y_2TX
 Setting 80
 06-F-S-5
 Client ET12 2G Chain 8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3856G	65.77	74.00	-8.23	34.37	3	Vertical	331	2.37	-	27.52	3.88	-
AV	2.3854G	53.73	54.00	-0.27	22.33	3	Vertical	331	2.37	-	27.52	3.88	-
PK	2.416G	121.06	Inf	-Inf	89.82	3	Vertical	331	2.37	-	27.34	3.90	-
AV	2.4162G	117.42	Inf	-Inf	86.18	3	Vertical	331	2.37	-	27.34	3.90	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2417MHz_TX

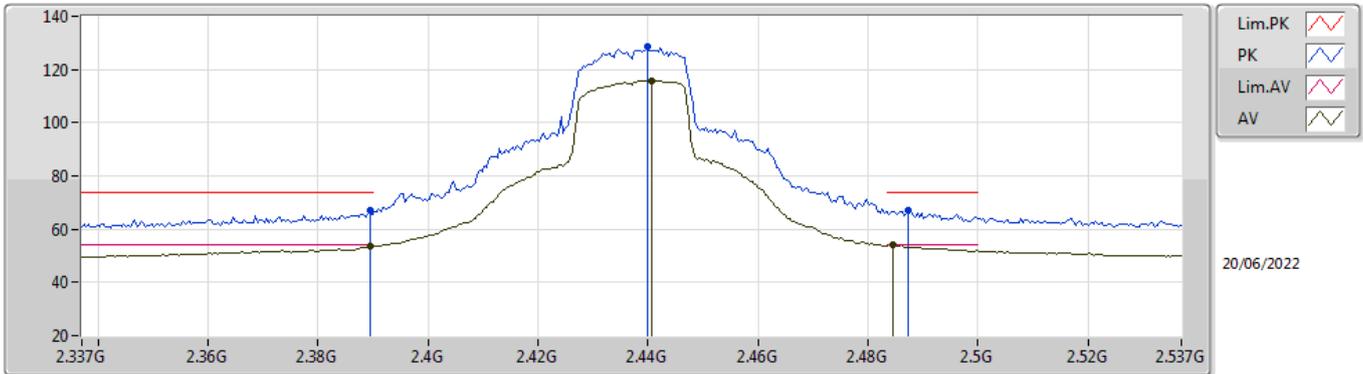


EUT V_2TX
 Setting 80
 06-F-S-5
 Client ET12 2G Chain 8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3846G	57.53	74.00	-16.47	26.13	3	Horizontal	22.7	1.53	-	27.52	3.88	-
AV	2.3852G	45.35	54.00	-8.65	13.95	3	Horizontal	22.7	1.53	-	27.52	3.88	-
PK	2.418G	109.71	Inf	-Inf	78.48	3	Horizontal	22.7	1.53	-	27.33	3.90	-
AV	2.4164G	106.12	Inf	-Inf	74.89	3	Horizontal	22.7	1.53	-	27.33	3.90	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2437MHz_TX

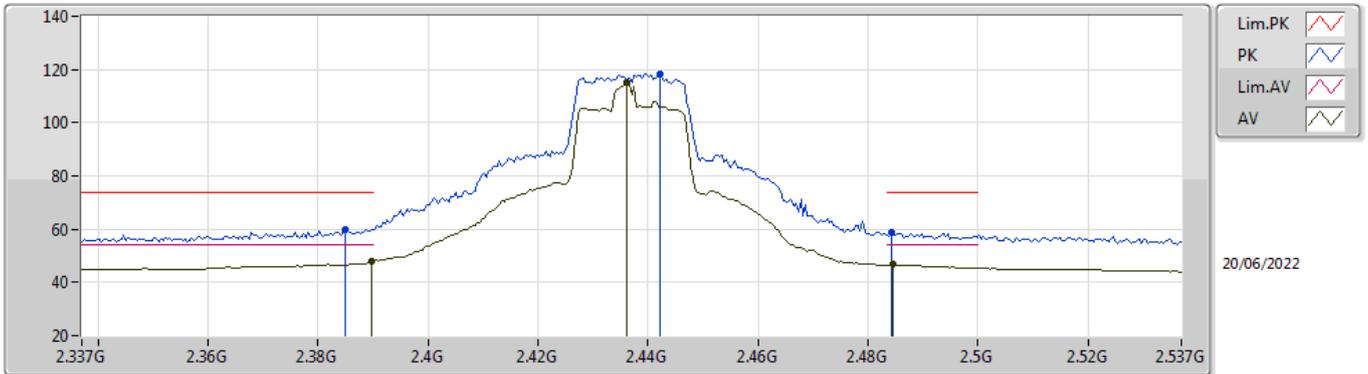


EUT V_2TX
 Setting 110
 06-F-S-5
 Client ET12 2G Chain 8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3894G	67.11	74.00	-6.89	35.74	3	Vertical	29.2	2.74	-	27.48	3.89	-
AV	2.3894G	53.49	54.00	-0.51	22.12	3	Vertical	29.2	2.74	-	27.48	3.89	-
PK	2.4398G	128.62	Inf	-Inf	97.47	3	Vertical	29.2	2.74	-	27.24	3.91	-
AV	2.4406G	115.90	Inf	-Inf	84.75	3	Vertical	29.2	2.74	-	27.24	3.91	-
PK	2.4874G	67.15	74.00	-6.85	35.97	3	Vertical	29.2	2.74	-	27.27	3.91	-
AV	2.4846G	53.99	54.00	-0.01	22.81	3	Vertical	29.2	2.74	-	27.27	3.91	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2437MHz_TX

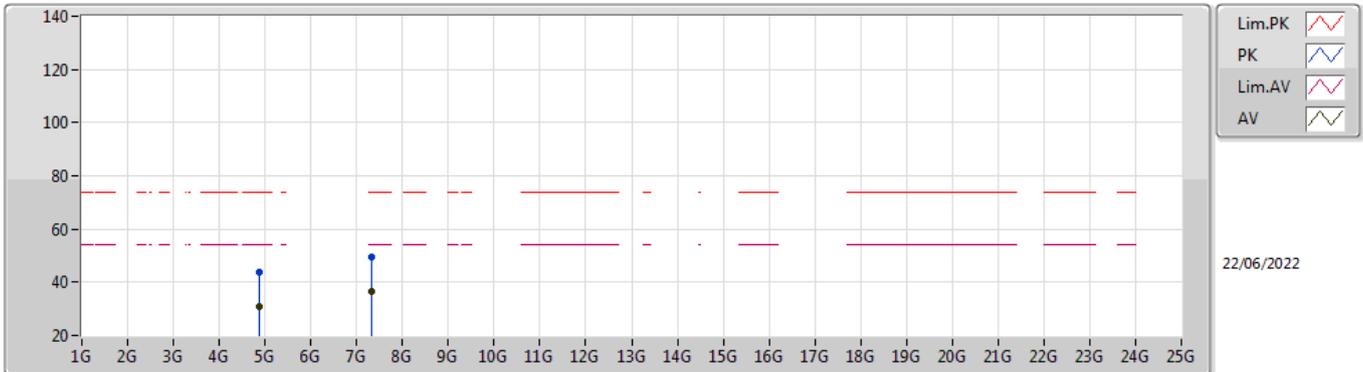


EUT_V_2TX
 Setting 110
 06-F-S-5
 Client ET12 2G Chain 8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.385G	59.66	74.00	-14.34	28.26	3	Horizontal	140	1.71	-	27.52	3.88	-
AV	2.3898G	47.84	54.00	-6.16	16.47	3	Horizontal	140	1.71	-	27.48	3.89	-
PK	2.4422G	118.30	Inf	-Inf	87.16	3	Horizontal	140	1.71	-	27.23	3.91	-
AV	2.4362G	115.20	Inf	-Inf	84.03	3	Horizontal	140	1.71	-	27.26	3.91	-
PK	2.4842G	58.84	74.00	-15.16	27.66	3	Horizontal	140	1.71	-	27.27	3.91	-
AV	2.4846G	46.64	54.00	-7.36	15.46	3	Horizontal	140	1.71	-	27.27	3.91	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2437MHz_TX

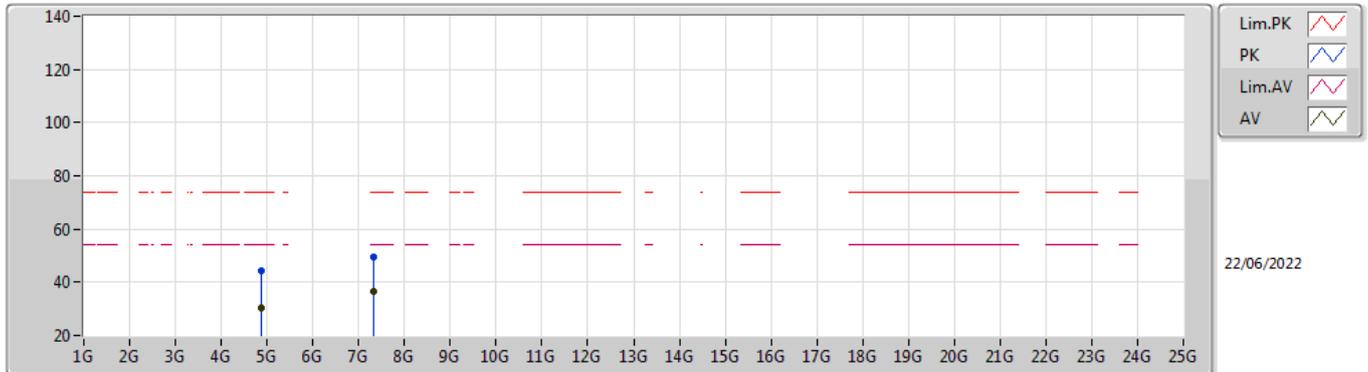


EUT Y_2TX
Setting 110
02-B-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.87026G	43.76	74.00	-30.24	37.73	3	Vertical	233	2.80	-	33.14	5.10	32.21
AV	4.8752G	30.74	54.00	-23.26	24.69	3	Vertical	233	2.80	-	33.15	5.10	32.20
PK	7.31088G	49.64	74.00	-24.36	39.88	3	Vertical	277	2.24	-	36.42	6.16	32.82
AV	7.31514G	36.70	54.00	-17.30	26.94	3	Vertical	277	2.24	-	36.43	6.16	32.83

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2437MHz_TX

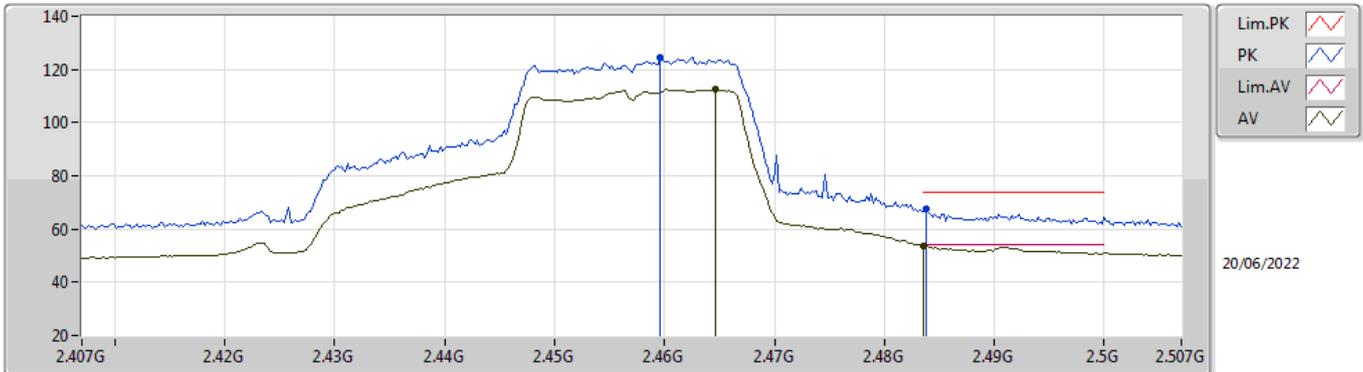


EUT Y_2TX
Setting 110
02-B-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.87616G	44.06	74.00	-29.94	38.01	3	Horizontal	173	1.14	-	33.15	5.10	32.20
AV	4.87232G	30.57	54.00	-23.43	24.54	3	Horizontal	173	1.14	-	33.14	5.10	32.21
PK	7.31148G	49.26	74.00	-24.74	39.50	3	Horizontal	180	1.43	-	36.42	6.16	32.82
AV	7.31574G	36.50	54.00	-17.50	26.74	3	Horizontal	180	1.43	-	36.43	6.16	32.83

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2457MHz_TX

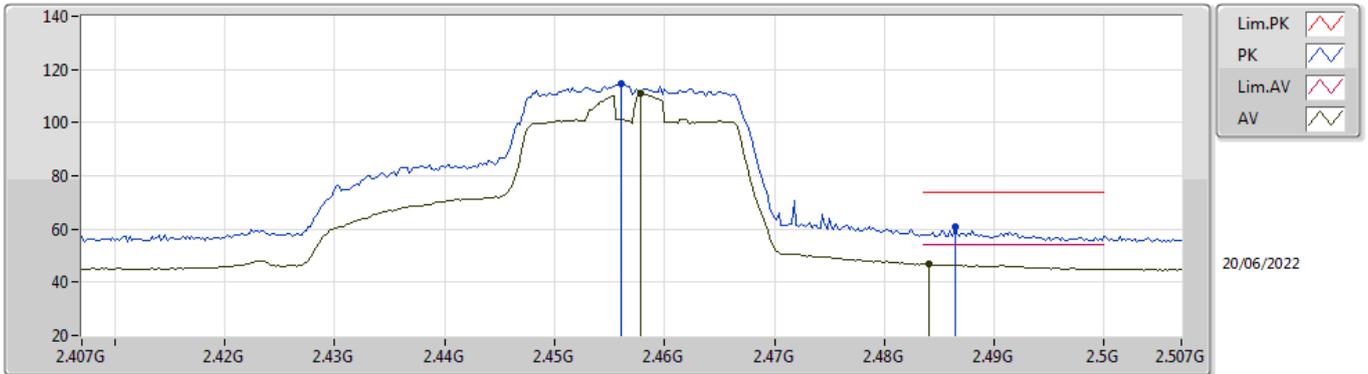


EUT Y_2TX
 Setting 95
 06-F-S-5
 Client ET12 2G Chain 8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.4596G	124.46	Inf	-Inf	93.33	3	Vertical	21.5	2.69	-	27.22	3.91	-
AV	2.4646G	112.38	Inf	-Inf	81.24	3	Vertical	21.5	2.69	-	27.23	3.91	-
PK	2.4838G	67.43	74.00	-6.57	36.25	3	Vertical	21.5	2.69	-	27.27	3.91	-
AV	2.4835G	53.81	54.00	-0.19	22.63	3	Vertical	21.5	2.69	-	27.27	3.91	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2457MHz_TX

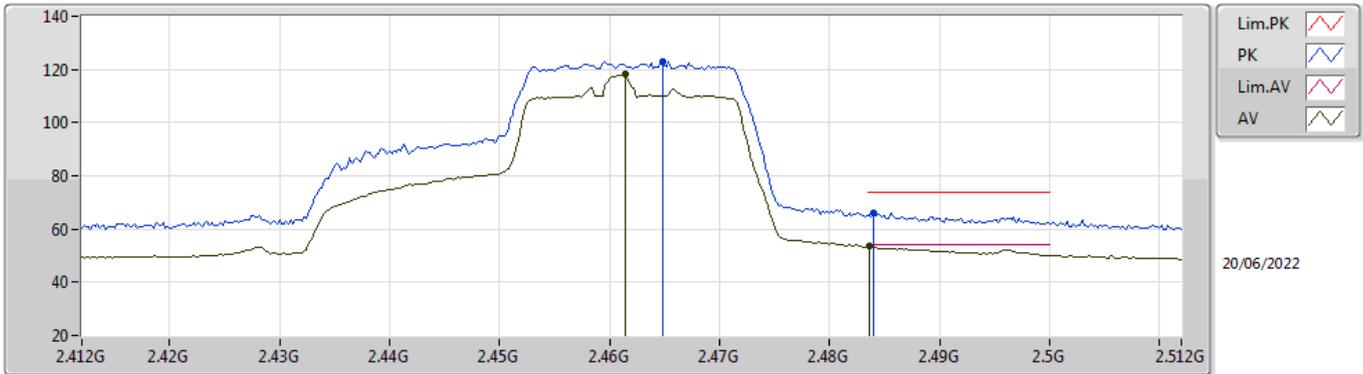


EUT Y_2TX
 Setting 95
 06-F-S-5
 Client ET12 2G Chain 8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.456G	114.72	Inf	-Inf	83.60	3	Horizontal	139	1.68	-	27.21	3.91	-
AV	2.4578G	110.81	Inf	-Inf	79.68	3	Horizontal	139	1.68	-	27.22	3.91	-
PK	2.4864G	60.62	74.00	-13.38	29.44	3	Horizontal	139	1.68	-	27.27	3.91	-
AV	2.484G	46.93	54.00	-7.07	15.75	3	Horizontal	139	1.68	-	27.27	3.91	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2462MHz_TX

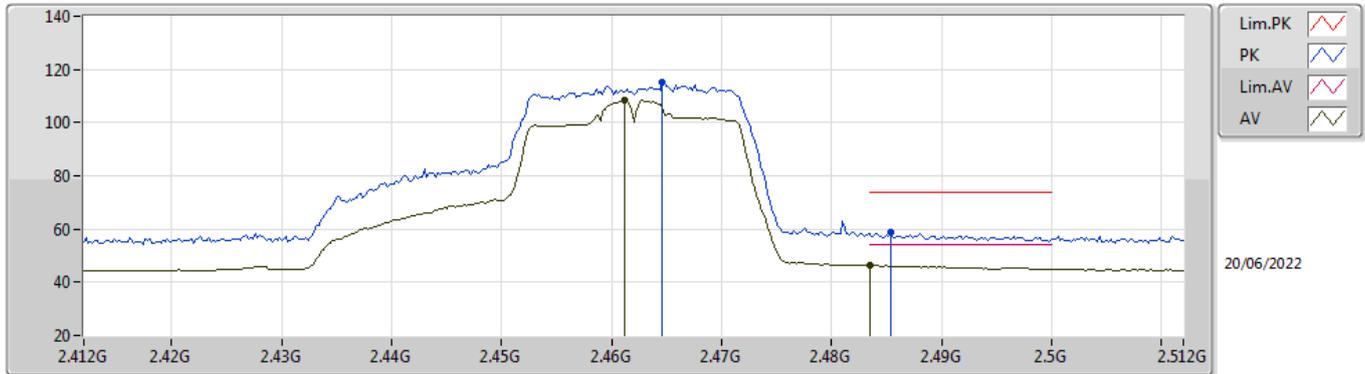


EUT V_2TX
 Setting 85
 06-F-S-5
 Client ET12 2G Chain 8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.4648G	123.11	Inf	-Inf	91.97	3	Vertical	335	1.80	-	27.23	3.91	-
AV	2.4614G	118.34	Inf	-Inf	87.21	3	Vertical	335	1.80	-	27.22	3.91	-
PK	2.484G	66.12	74.00	-7.88	34.94	3	Vertical	335	1.80	-	27.27	3.91	-
AV	2.4836G	53.41	54.00	-0.59	22.23	3	Vertical	335	1.80	-	27.27	3.91	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2462MHz_TX

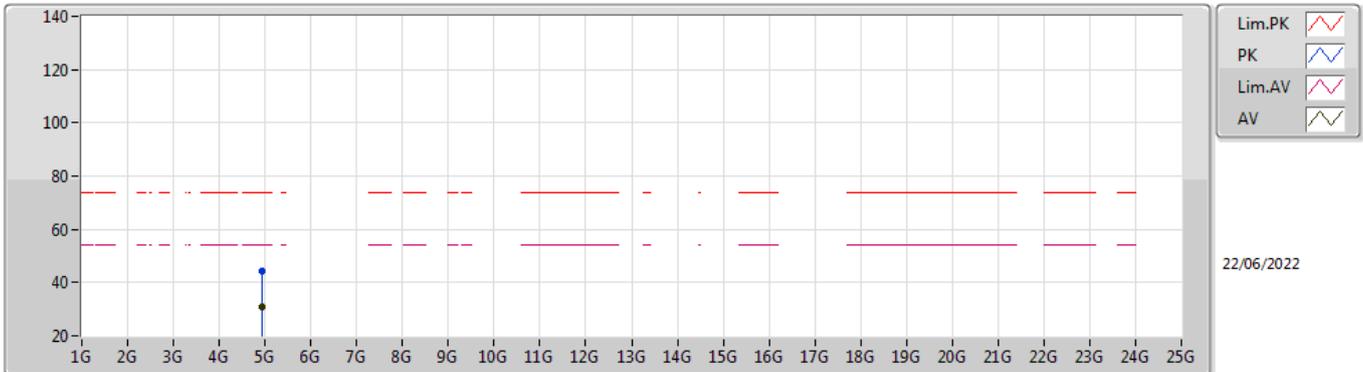


EUT V_2TX
 Setting 85
 06-F-S-5
 Client ET12 2G Chain 8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.4646G	115.04	Inf	-Inf	83.90	3	Horizontal	23	2.35	-	27.23	3.91	-
AV	2.4612G	108.31	Inf	-Inf	77.18	3	Horizontal	23	2.35	-	27.22	3.91	-
PK	2.4854G	58.75	74.00	-15.25	27.57	3	Horizontal	23	2.35	-	27.27	3.91	-
AV	2.4835G	46.51	54.00	-7.49	15.33	3	Horizontal	23	2.35	-	27.27	3.91	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2462MHz_TX

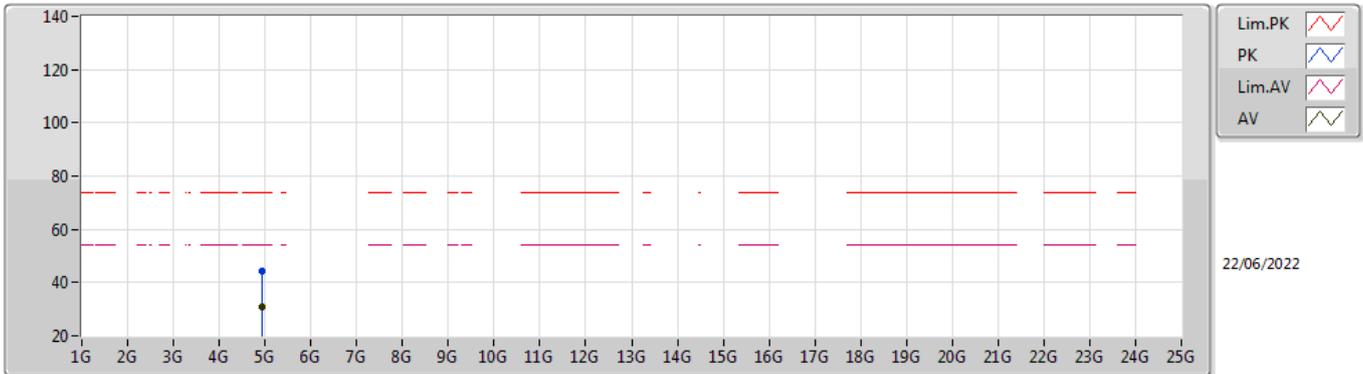


EUT Y_2TX
Setting 85
02-B-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.92488G	44.55	74.00	-29.45	38.39	3	Vertical	322	1.30	-	33.25	5.10	32.19
AV	4.92778G	31.04	54.00	-22.96	24.87	3	Vertical	322	1.30	-	33.26	5.10	32.19

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2462MHz_TX

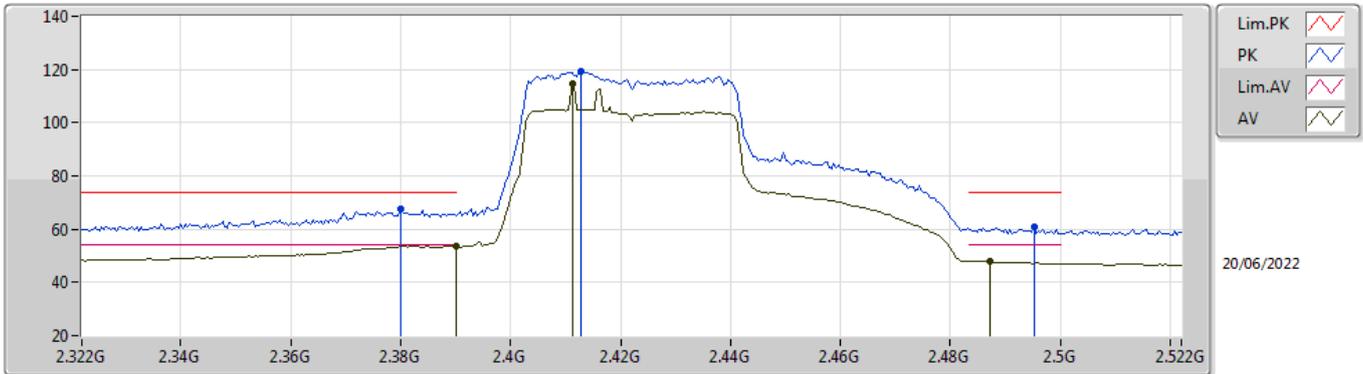


EUT Y_2TX
Setting 85
02-B-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.92726G	44.26	74.00	-29.74	38.10	3	Horizontal	215	2.56	-	33.25	5.10	32.19
AV	4.92714G	31.02	54.00	-22.98	24.86	3	Horizontal	215	2.56	-	33.25	5.10	32.19

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2422MHz_TX

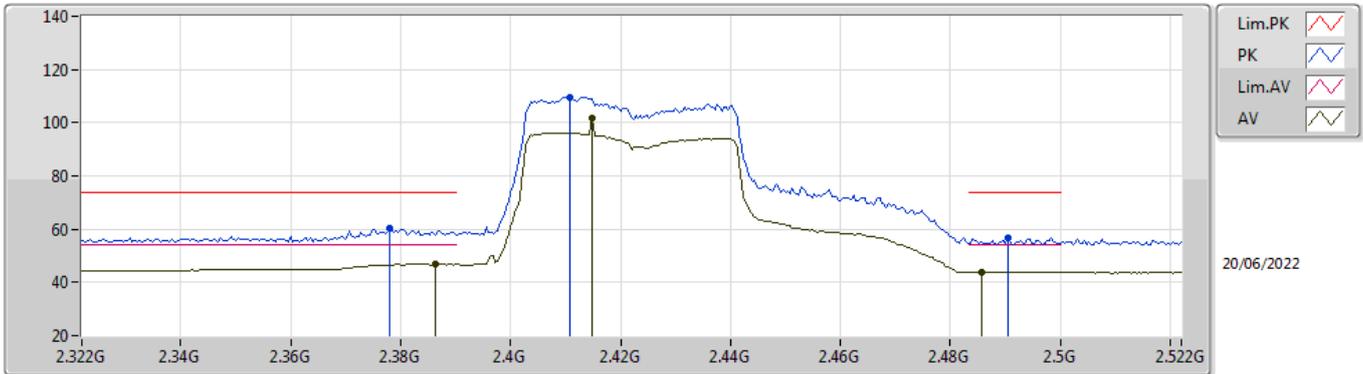


EUT_V_2TX
 Setting 75
 06-F-S-5
 Client ET12 2G Chain 8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.38G	67.65	74.00	-6.35	36.21	3	Vertical	324	2.52	-	27.56	3.88	-
AV	2.39G	53.77	54.00	-0.23	22.40	3	Vertical	324	2.52	-	27.48	3.89	-
PK	2.4128G	119.23	Inf	-Inf	87.98	3	Vertical	324	2.52	-	27.35	3.90	-
AV	2.4112G	114.46	Inf	-Inf	83.20	3	Vertical	324	2.52	-	27.36	3.90	-
PK	2.4952G	60.69	74.00	-13.31	29.49	3	Vertical	324	2.52	-	27.29	3.91	-
AV	2.4872G	48.04	54.00	-5.96	16.86	3	Vertical	324	2.52	-	27.27	3.91	-

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2422MHz_TX

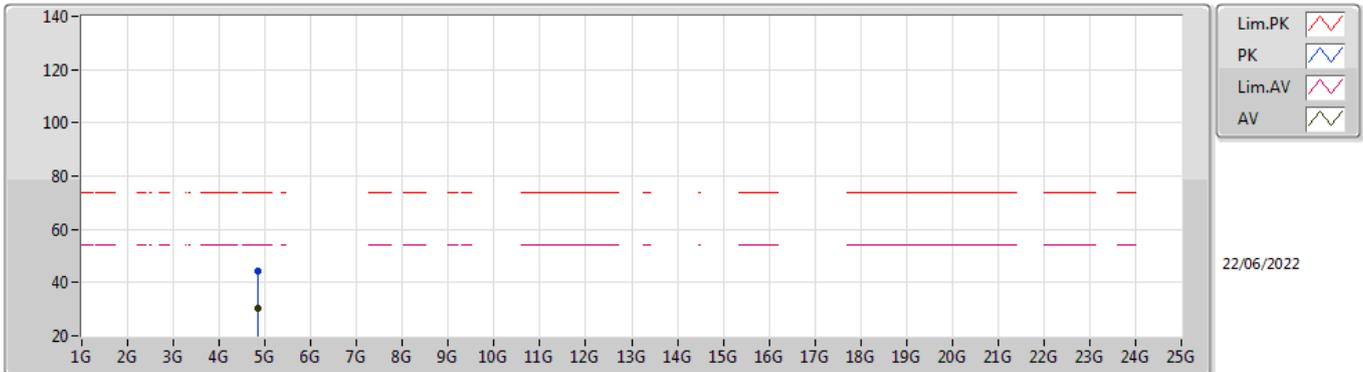


EUT_V_2TX
 Setting 75
 06-F-S-5
 Client ET12 2G Chain 8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.378G	60.40	74.00	-13.60	28.95	3	Horizontal	30	2.40	-	27.58	3.87	-
AV	2.3864G	46.87	54.00	-7.13	15.48	3	Horizontal	30	2.40	-	27.51	3.88	-
PK	2.4108G	109.74	Inf	-Inf	78.48	3	Horizontal	30	2.40	-	27.36	3.90	-
AV	2.4148G	101.77	Inf	-Inf	70.53	3	Horizontal	30	2.40	-	27.34	3.90	-
PK	2.4904G	56.89	74.00	-17.11	25.70	3	Horizontal	30	2.40	-	27.28	3.91	-
AV	2.4856G	43.81	54.00	-10.19	12.63	3	Horizontal	30	2.40	-	27.27	3.91	-

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2422MHz_TX

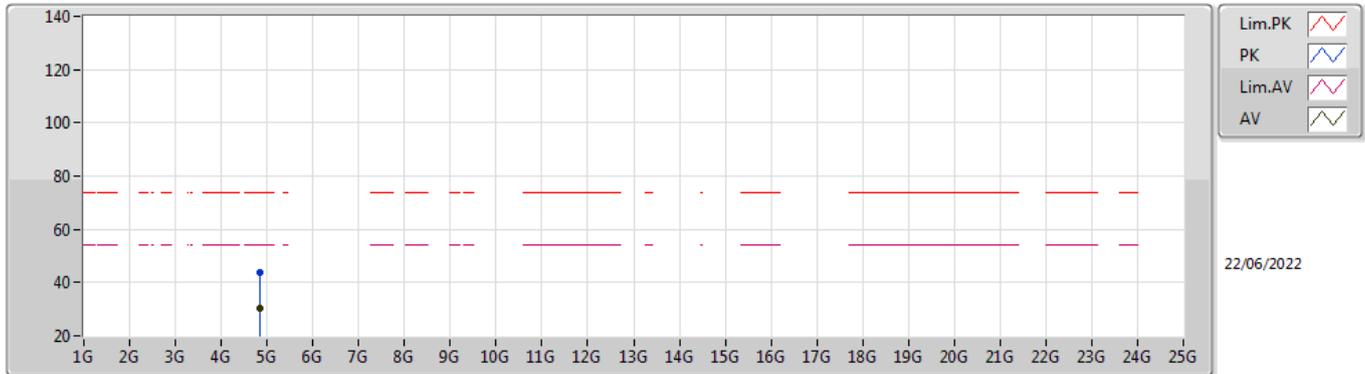


EUT Y_2TX
Setting 75
02-B-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.84078G	44.21	74.00	-29.79	38.29	3	Vertical	112	1.71	-	33.04	5.10	32.22
AV	4.84328G	30.42	54.00	-23.58	24.48	3	Vertical	112	1.71	-	33.06	5.10	32.22

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2422MHz_TX

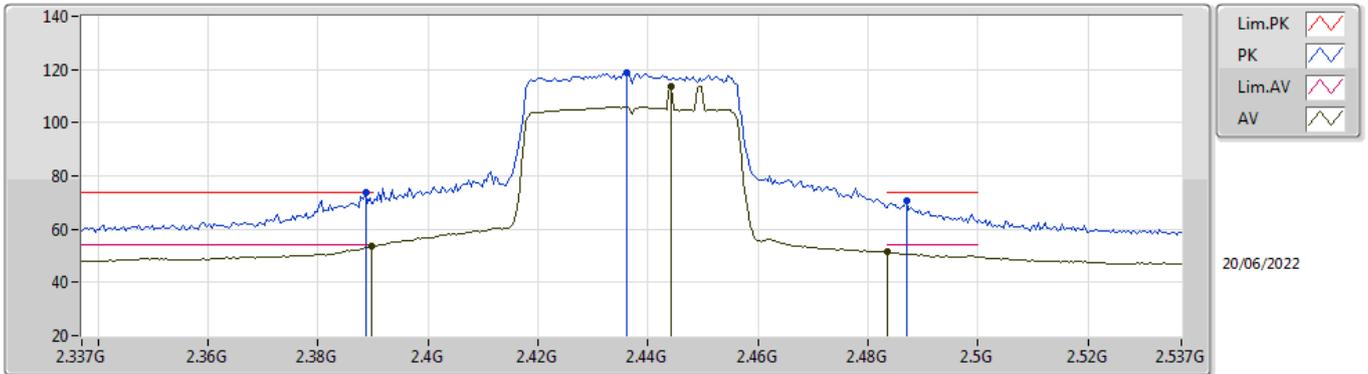


EUT Y_2TX
Setting 75
02-B-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.84336G	43.79	74.00	-30.21	37.85	3	Horizontal	274	2.97	-	33.06	5.10	32.22
AV	4.84128G	30.18	54.00	-23.82	24.25	3	Horizontal	274	2.97	-	33.05	5.10	32.22

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2437MHz_TX

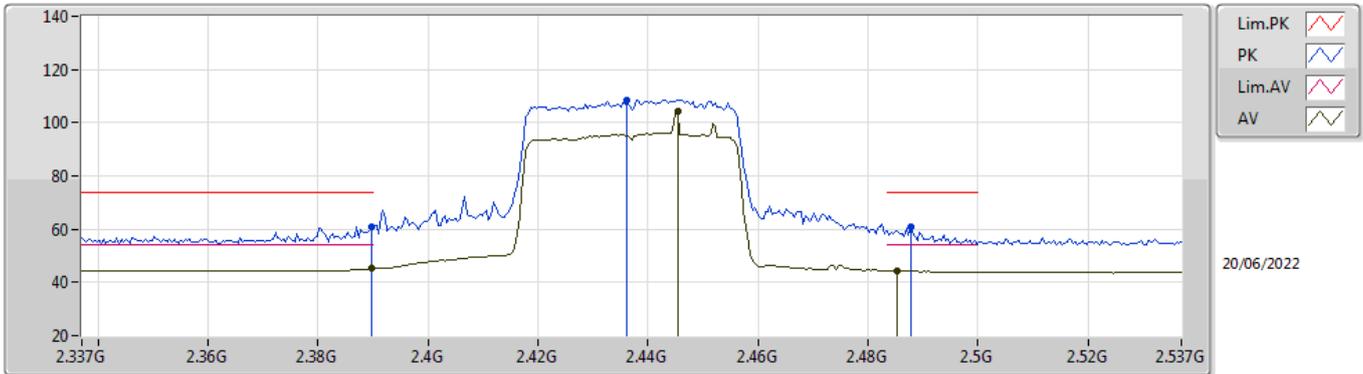


EUT Y_2TX
 Setting 75
 06-F-S-5
 Client ET12 2G Chain 8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3886G	73.59	74.00	-0.41	42.21	3	Vertical	335	1.80	-	27.49	3.89	-
AV	2.3898G	53.38	54.00	-0.62	22.01	3	Vertical	335	1.80	-	27.48	3.89	-
PK	2.4362G	118.81	Inf	-Inf	87.64	3	Vertical	335	1.80	-	27.26	3.91	-
AV	2.4442G	113.82	Inf	-Inf	82.69	3	Vertical	335	1.80	-	27.22	3.91	-
PK	2.487G	70.58	74.00	-3.42	39.40	3	Vertical	335	1.80	-	27.27	3.91	-
AV	2.4835G	51.38	54.00	-2.62	20.20	3	Vertical	335	1.80	-	27.27	3.91	-

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2437MHz_TX

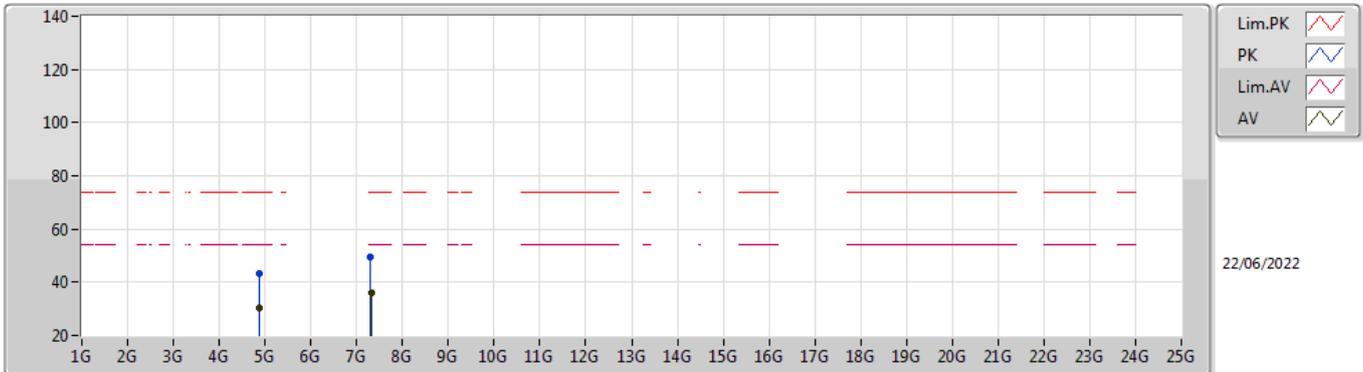


EUT_V_2TX
Setting 75
06-F-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3898G	60.95	74.00	-13.05	29.58	3	Horizontal	37	2.34	-	27.48	3.89	-
AV	2.3898G	45.15	54.00	-8.85	13.78	3	Horizontal	37	2.34	-	27.48	3.89	-
PK	2.4362G	108.62	Inf	-Inf	77.45	3	Horizontal	37	2.34	-	27.26	3.91	-
AV	2.4454G	104.49	Inf	-Inf	73.36	3	Horizontal	37	2.34	-	27.22	3.91	-
PK	2.4878G	60.73	74.00	-13.27	29.54	3	Horizontal	37	2.34	-	27.28	3.91	-
AV	2.4854G	44.46	54.00	-9.54	13.28	3	Horizontal	37	2.34	-	27.27	3.91	-

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2437MHz_TX

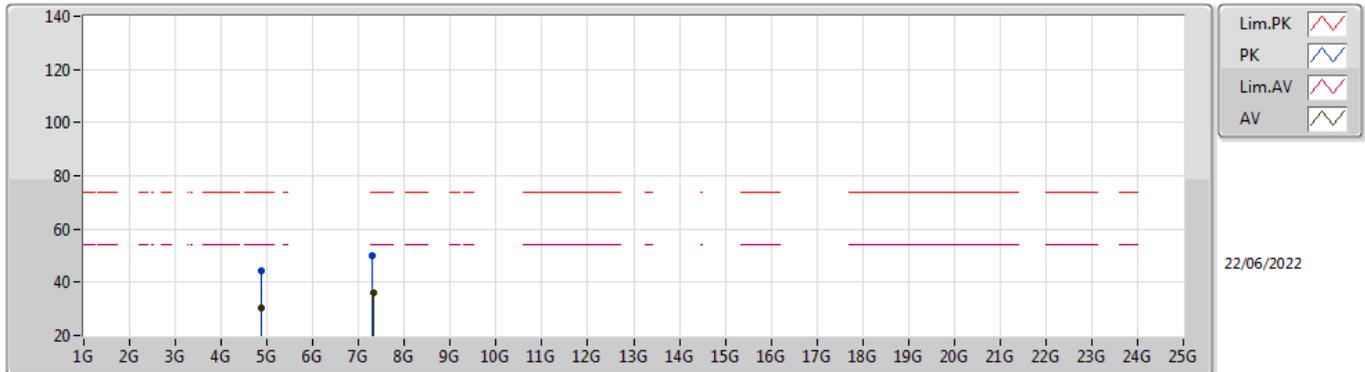


EUT Y_2TX
Setting 75
02-B-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.87584G	43.33	74.00	-30.67	37.28	3	Vertical	174	1.92	-	33.15	5.10	32.20
AV	4.87166G	30.21	54.00	-23.79	24.18	3	Vertical	174	1.92	-	33.14	5.10	32.21
PK	7.30648G	49.71	74.00	-24.29	39.96	3	Vertical	250	1.93	-	36.41	6.15	32.81
AV	7.31212G	36.05	54.00	-17.95	26.29	3	Vertical	250	1.93	-	36.42	6.16	32.82

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2437MHz_TX

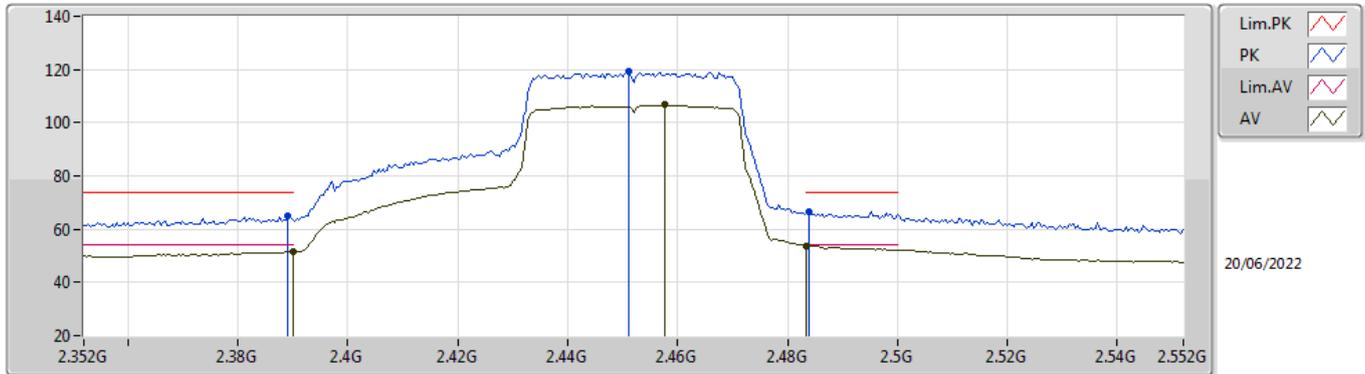


EUT Y_2TX
Setting 75
02-B-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.87766G	44.11	74.00	-29.89	38.05	3	Horizontal	193	2.01	-	33.16	5.10	32.20
AV	4.87334G	30.14	54.00	-23.86	24.10	3	Horizontal	193	2.01	-	33.15	5.10	32.21
PK	7.307G	49.83	74.00	-24.17	40.08	3	Horizontal	260	1.69	-	36.41	6.15	32.81
AV	7.31404G	35.89	54.00	-18.11	26.13	3	Horizontal	260	1.69	-	36.43	6.16	32.83

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2452MHz_TX

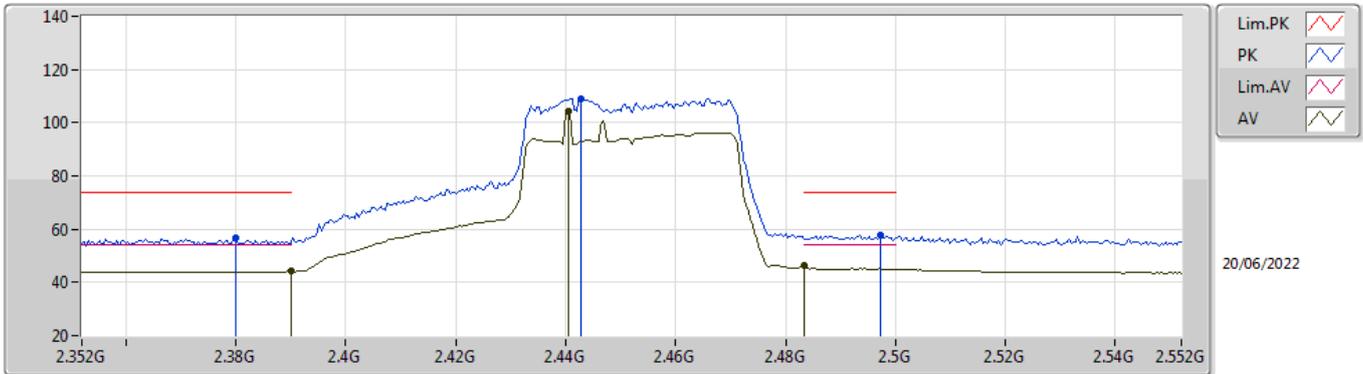


EUT V_2TX
 Setting 83
 06-F-S-5
 Client ET12 2G Chain 8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3892G	65.23	74.00	-8.77	33.85	3	Vertical	329.3	2.76	-	27.49	3.89	-
AV	2.39G	51.50	54.00	-2.50	20.13	3	Vertical	329.3	2.76	-	27.48	3.89	-
PK	2.4512G	119.30	Inf	-Inf	88.19	3	Vertical	329.3	2.76	-	27.20	3.91	-
AV	2.4576G	106.64	Inf	-Inf	75.51	3	Vertical	329.3	2.76	-	27.22	3.91	-
PK	2.484G	66.59	74.00	-7.41	35.41	3	Vertical	329.3	2.76	-	27.27	3.91	-
AV	2.4835G	53.60	54.00	-0.40	22.42	3	Vertical	329.3	2.76	-	27.27	3.91	-

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2452MHz_TX

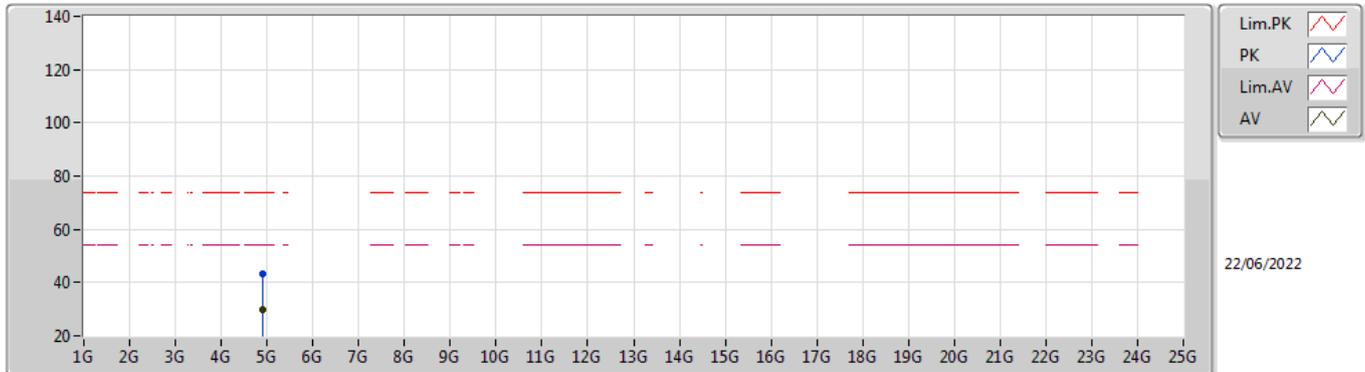


EUT V_2TX
 Setting 83
 06-F-S-5
 Client ET12 2G Chain 8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.38G	56.78	74.00	-17.22	25.34	3	Horizontal	134.9	2.06	-	27.56	3.88	-
AV	2.39G	44.09	54.00	-9.91	12.72	3	Horizontal	134.9	2.06	-	27.48	3.89	-
PK	2.4428G	108.93	Inf	-Inf	77.79	3	Horizontal	134.9	2.06	-	27.23	3.91	-
AV	2.4404G	104.47	Inf	-Inf	73.32	3	Horizontal	134.9	2.06	-	27.24	3.91	-
PK	2.4972G	57.79	74.00	-16.21	26.59	3	Horizontal	134.9	2.06	-	27.29	3.91	-
AV	2.4835G	46.21	54.00	-7.79	15.03	3	Horizontal	134.9	2.06	-	27.27	3.91	-

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2452MHz_TX

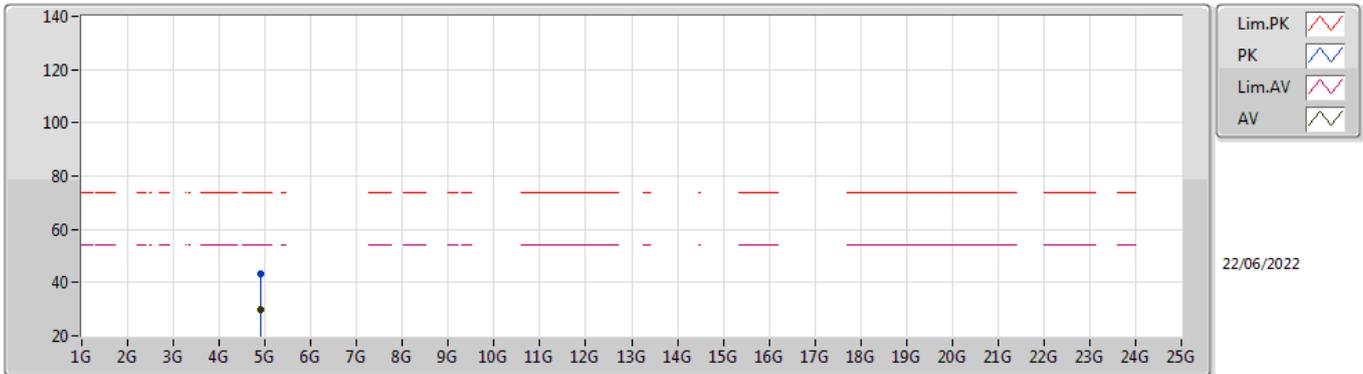


EUT Y_2TX
Setting 83
02-B-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.90644G	43.45	74.00	-30.55	37.33	3	Vertical	347	1.49	-	33.21	5.10	32.19
AV	4.90618G	29.95	54.00	-24.05	23.83	3	Vertical	347	1.49	-	33.21	5.10	32.19

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2452MHz_TX



EUT Y_2TX
Setting 83
02-B-K-5

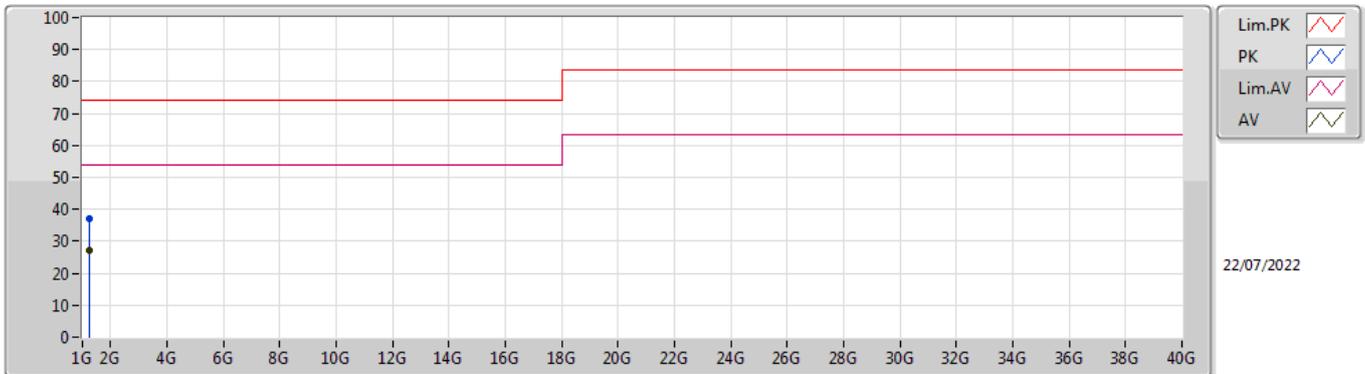
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.90682G	43.49	74.00	-30.51	37.37	3	Horizontal	58	2.83	-	33.21	5.10	32.19
AV	4.9079G	29.96	54.00	-24.04	23.83	3	Horizontal	58	2.83	-	33.22	5.10	32.19



Summary

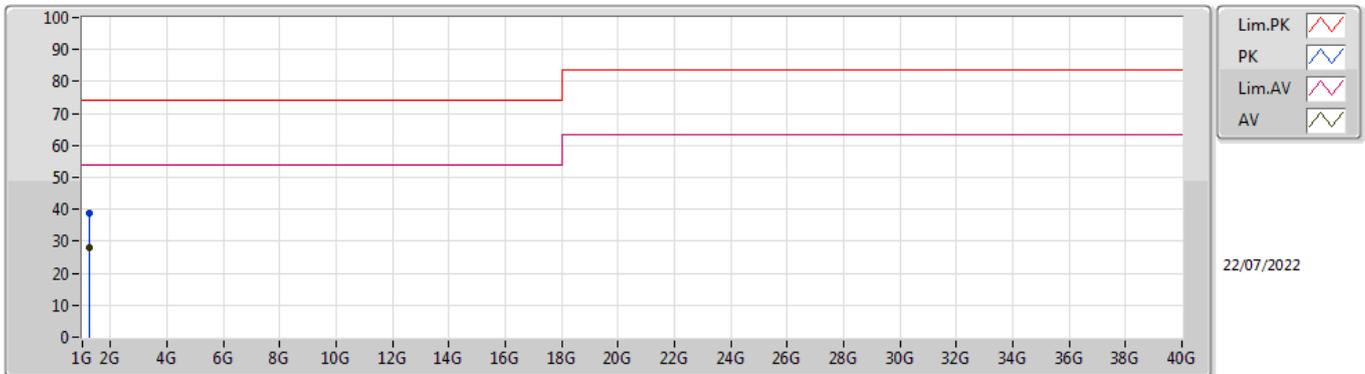
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	1.25352G	28.12	54.00	-25.88	Horizontal

Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
PK	1.25498G	37.03	74.00	-36.97	-16.18	3	Vertical	158	1.50	-	53.21	25.12	2.74	44.04
AV	1.24755G	27.17	54.00	-26.83	-16.19	3	Vertical	158	1.50	"Worst"	43.36	25.10	2.74	44.03

Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
PK	1.25283G	38.72	74.00	-35.28	-16.19	3	Horizontal	135	1.29	-	54.91	25.11	2.74	44.04
AV	1.25352G	28.12	54.00	-25.88	-16.19	3	Horizontal	135	1.29	"Worst"	44.31	25.11	2.74	44.04