



# RADIO TEST REPORT

**FCC ID** : S9GT350SE  
**Equipment** : Access point  
**Brand Name** : RUCKUS  
**Model Name** : T350se  
**Applicant** : Ruckus Wireless, Inc.  
350 W. Java Dr., Sunnyvale CA 94089 USA  
**Manufacturer** : Ruckus Wireless, Inc.  
350 W. Java Dr., Sunnyvale CA 94089 USA  
**Standard** : 47 CFR FCC Part 15.247

The product was received on Jul. 21, 2021, and testing was started from Jul. 23, 2021 and completed on Aug. 13, 2021. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Approved by: Sam Chen

**Sporton International Inc. Hsinchu Laboratory**

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



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## Summary of Test Result

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

**Declaration of Conformity:**

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

**Comments and Explanations:**

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

**Reviewed by: Sam Chen****Report Producer: Wendy Pan**



# 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	VHT20	20	2TX
2.4-2.4835GHz	802.11ax HEW20	20	2TX
2.4-2.4835GHz	802.11n HT40	40	2TX
2.4-2.4835GHz	VHT40	40	2TX
2.4-2.4835GHz	802.11ax HEW40	40	2TX

Note:

- 11b mode uses a combination of DSSS-DBPSK, DQPSK, CCK modulation.
- 11g, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20, VHT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- 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	Model Name	Antenna Type	Connector	Internal Antenna Gain (dBi)	
						WLAN 2.4GHz	WLAN 5GHz
1	1	RUCKUS	N/A	PCB	I-PEX	6	8
2	2	RUCKUS	N/A	PCB	I-PEX	6	8

Note 1: For Internal antenna has four cross combinations (Horizontal/Vertical, Horizontal/Horizontal, Vertical/Horizontal and Vertical/Vertical).

Ant.	Port	Brand	Model Name	Antenna Type	Connector	External Antenna Gain (dBi)	
						WLAN 2.4GHz	WLAN 5GHz
1	1, 2	Laird	PDM245115H0	MIMO	N-type	Note2	
2	1, 2	COMMS COPE	AT-2101-DP	MIMO	N-type		
3	1, 2	COMMS COPE	AT-2401-DP	MIMO	N-type		

Note 2:

Ant.	Port	Antenna Polarization and External Antenna Gain (dBi)			
		WLAN 2.4GHz		WLAN 5GHz	
		Vertical/Horizontal	Vertical/Horizontal	Vertical	Horizontal
1	1, 2	14	14.5	-	-
2	1, 2	-	21	-	-
3	1, 2	-	-	24.5	23.5

Note3: The above information was declared by manufacturer.

The EUT has two types of antenna. Only the highest gain antenna was selected from each different types of antenna to test and record in this report.

**For WLAN 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 WLAN 5GHz Function:**

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

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

Port 1 and Port 2 could transmit/receive simultaneously.



### 1.1.3 Mode Test Duty Cycle

For Internal Antenna:

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	0.955	0.2	12.627m	100
802.11g	0.944	0.25	1.977m	1k
802.11ax HEW20	0.965	0.15	5.446m	300
802.11ax HEW40	0.963	0.16	5.445m	300

For External Antenna:

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	0.969	0.14	12.694m	100
802.11g	0.936	0.29	1.978m	1k
802.11ax HEW20	0.953	0.21	5.448m	300
802.11ax HEW40	0.957	0.19	5.448m	300

Note:

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

### 1.1.4 EUT Operational Condition

<b>EUT Power Type</b>	From PoE or DC Power Supply		
<b>Beamforming Function</b>	<input type="checkbox"/> With beamforming	<input checked="" type="checkbox"/>	Without beamforming
<b>Function</b>	<input checked="" type="checkbox"/> Point-to-multipoint	<input checked="" type="checkbox"/>	Point-to-point
<b>Test Software Version</b>	PUTTY(ver 0.62)		

Note: The above information was declared by manufacturer.



### 1.2 Applicable Standards

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

- ♦ 47 CFR FCC Part 15.247
- ♦ 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 D01 v02r01
- ♦ FCC KDB 414788 D01 v01r01

### 1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH02-CB (For Internal antenna)	Paul Chen	25.2~25.7 / 65~69	Jul. 28, 2021 ~ Jul. 29, 2021
	TH01-CB (For External antenna)	Caster Chang	24~24.6 / 63~68	Jul. 31, 2021
Radiated<1GHz	03CH05-CB	Stim Sung	23.9-26.1 / 55-58	Jul. 23, 2021 ~ Aug. 13, 2021
Radiated>1GHz	03CH01-CB	Stim Sung	24.6-25.7 / 55-58	Jul. 23, 2021 ~ Aug. 13, 2021
Radiated Co-location	03CH05-CB	Stim Sung	23.5-24.6 / 55-59	Jul. 23, 2021 ~ Aug. 13, 2021
AC Conduction	CO01-CB	Zack Kuo	24~26 / 51~53	Aug. 03, 2021





## 1.4 Measurement Uncertainty

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

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



## 2 Test Configuration of EUT

### 2.1 Test Channel Mode

For Internal Antenna:

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	46
2437MHz	46
2462MHz	46
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	42
2417MHz	46
2437MHz	46
2457MHz	42
2462MHz	39
802.11ax HEW20_Nss1,(MCS0)_2TX	-
2412MHz	45
2417MHz	46
2437MHz	46
2457MHz	41
2462MHz	37
802.11ax HEW40_Nss1,(MCS0)_2TX	-
2422MHz	41
2427MHz	43
2437MHz	37
2447MHz	31
2452MHz	30

**For External Antenna:**

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	41
2437MHz	41
2462MHz	42
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	41
2417MHz	41
2437MHz	42
2457MHz	41
2462MHz	40
802.11ax HEW20_Nss1,(MCS0)_2TX	-
2412MHz	42
2417MHz	42
2437MHz	43
2457MHz	42
2462MHz	38
802.11ax HEW40_Nss1,(MCS0)_2TX	-
2422MHz	39
2437MHz	40
2447MHz	34
2452MHz	32

**Note:**

- ◆ Evaluated HEW20/HEW40 mode only, due to 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	
<b>Tests Item</b>	AC power-line conducted emissions
<b>Condition</b>	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
<b>Operating Mode</b>	CTX
	After evaluating, the highest gain antennas "External antennas" was tested and recorded in the report.
1	EUT + External Ant. + WLAN 2.4GHz + PoE
2	EUT + External Ant. + WLAN 2.4GHz + DC Power Supply
Mode 1 has been evaluated to be the worst case among Mode 1~2, thus measurement for Mode 3 will follow this same test mode.	
3	EUT + External Ant. + WLAN 5GHz + PoE
For operating mode 1 is the worst case and it was record in this test report.	

The Worst Case Mode for Following Conformance Tests	
<b>Tests Item</b>	DTS Bandwidth Maximum Conducted Output Power Power Spectral Density
<b>Test Condition</b>	Conducted measurement at transmit chains Emissions in Non-restricted Frequency Bands
1	EUT + Internal Ant.
2	EUT + External Ant.



<b>The Worst Case Mode for Following Conformance Tests</b>	
<b>Tests Item</b>	Emissions in Restricted Frequency Bands
<b>Test Condition</b>	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.
<b>Operating Mode &lt; 1GHz</b>	CTX
The EUT was performed at Y axis and Z axis position for Emissions in Restricted Frequency Bands above 1GHz test, and the worst case was found at Y axis. So the measurement will follow this same test configuration.	
1	EUT in Y axis + Internal Ant. + WLAN 2.4GHz + PoE
2	EUT in Y axis + Internal Ant. + WLAN 2.4GHz + DC Power Supply
Mode 1 has been evaluated to be the worst case among Mode 1~2, thus measurement for Mode 3 ~ 5 will follow this same test mode.	
3	EUT in Y axis + Internal Ant. + WLAN 5GHz + PoE
4	EUT in Y axis + External Ant. + WLAN 2.4GHz + PoE
5	EUT in Y axis + External Ant. + WLAN 5GHz + PoE
For operating mode 5 is the worst case and it was record in this test report.	
<b>Operating Mode &gt; 1GHz</b>	CTX The EUT was performed at Y axis and Z axis, and the worst case was found at Y axis. So the measurement will follow this same test configuration.
1	EUT in Y axis + Internal Ant.
2	EUT in Y axis + External Ant.

<b>The Worst Case Mode for Following Conformance Tests</b>	
<b>Tests Item</b>	Simultaneous Transmission Analysis - Radiated Emission Co-location
<b>Test Condition</b>	Radiated measurement
<b>Operating Mode</b>	Normal Link
The EUT was performed at Y axis and Z axis position for Emissions in Restricted Frequency Bands above 1GHz test and the worst case was found at Y axis. So the measurement will follow this same test configuration.	
1	EUT in Y axis + Internal Ant. (WLAN 2.4GHz + WLAN 5GHz)
2	EUT in Y axis + External Ant. (WLAN 2.4GHz + WLAN 5GHz)
Refer to Appendix G for Radiated Emission Co-location.	



The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	EUT + Internal Ant. (WLAN 2.4GHz + WLAN 5GHz)
2	EUT + External Ant. (WLAN 2.4GHz + WLAN 5GHz)

Refer to Sporton Test Report No.: FA091815-07 for Co-location RF Exposure Evaluation.

Note: The PoE is for measurement only, would not be marketed.

Support Unit	Brand	Model
PoE	RUCKUS	GRT-480125A (740-64310-001)

### 2.3 EUT Operation during Test

**For CTX:**

The EUT was programmed to be in continuously transmitting mode.

**For Normal Link:**

During the test, the EUT operation to normal function.

### 2.4 Accessories

N/A

### 2.5 Support Equipment

**For AC Conduction:**

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	LAN NB	DELL	E6430	N/A
B	PoE	RUCKUS	740-64310-001	N/A
C	Flash disk	SanDisk	SDCZ430-O32G	N/A

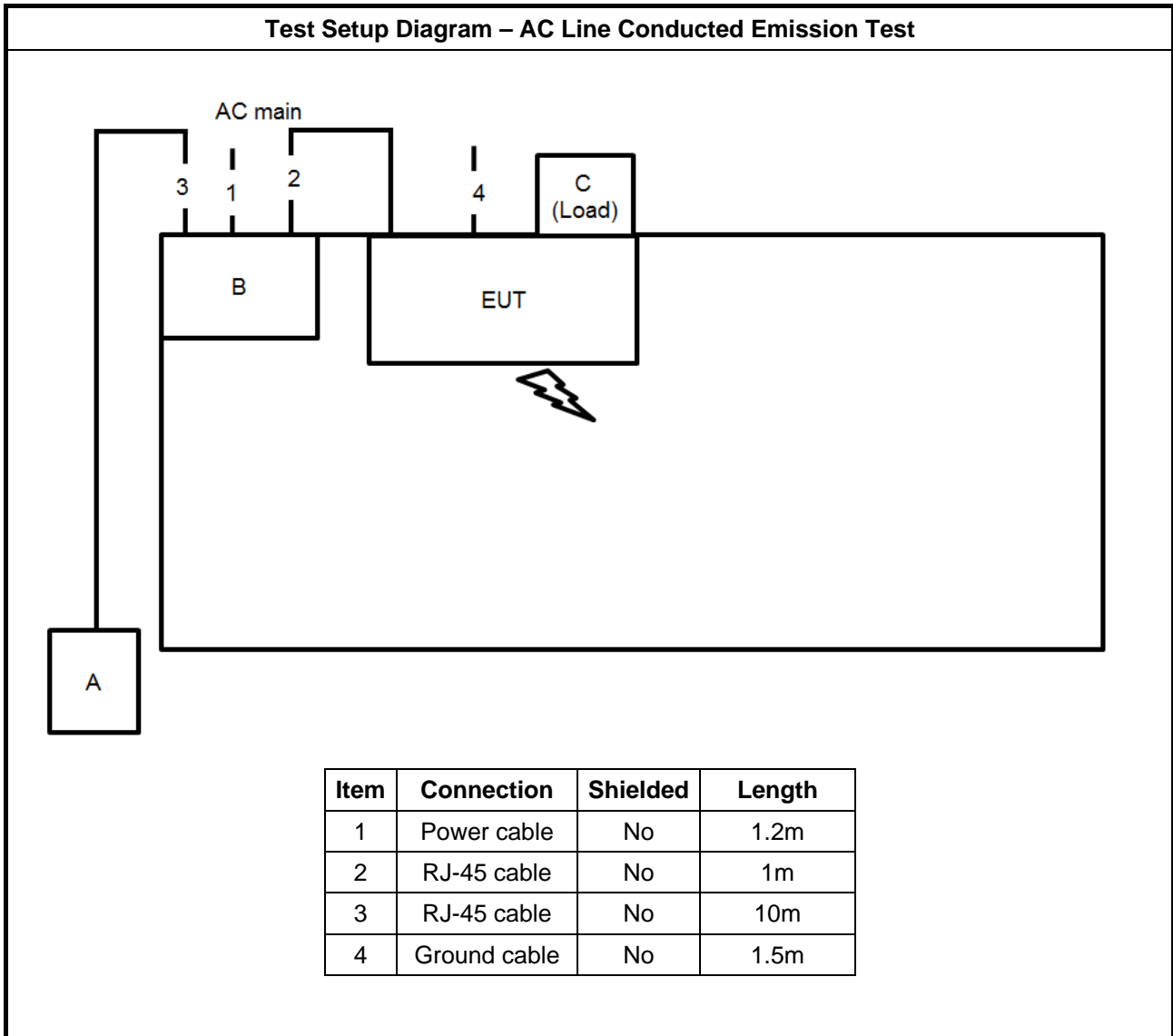
**For Radiated:**

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	PoE	RUCKUS	740-64310-001	N/A
B	Notebook	DELL	E4300	N/A

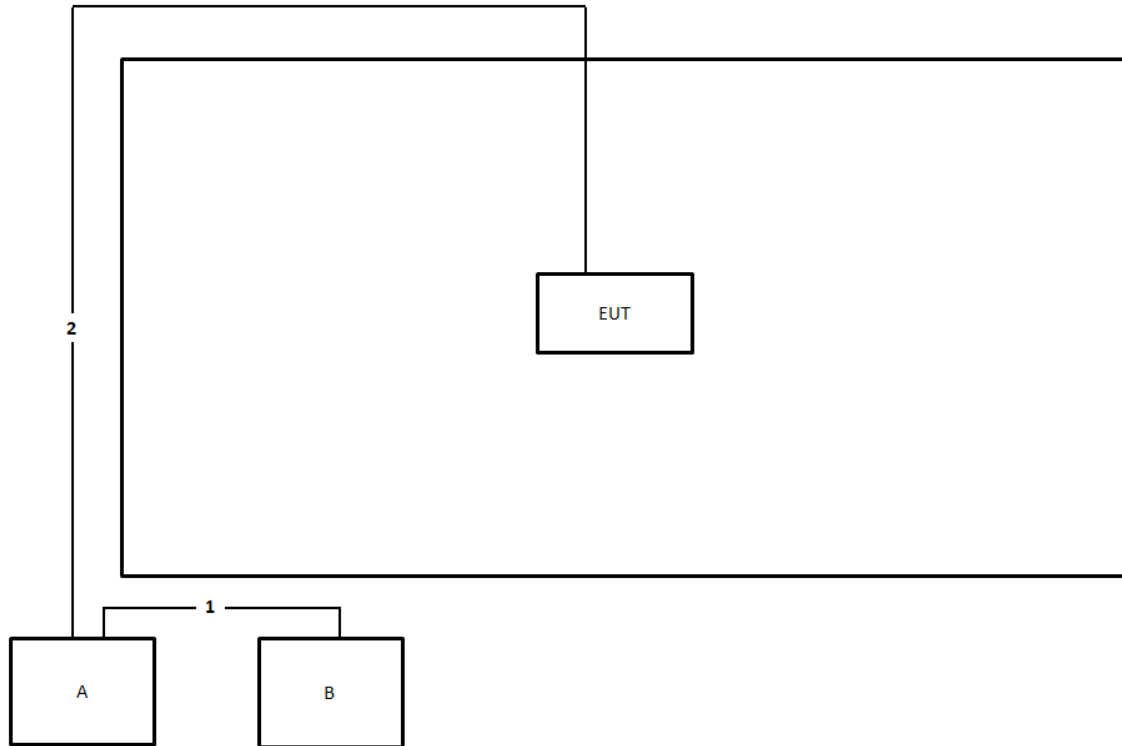
**For RF Conducted:**

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	PoE	RUCKUS	740-64310-001	N/A

## 2.6 Test Setup Diagram



**Test Setup Diagram - Radiated Test**



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





### 3 Transmitter Test Result

#### 3.1 AC Power-line Conducted Emissions

##### 3.1.1 AC Power-line Conducted Emissions Limit

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

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

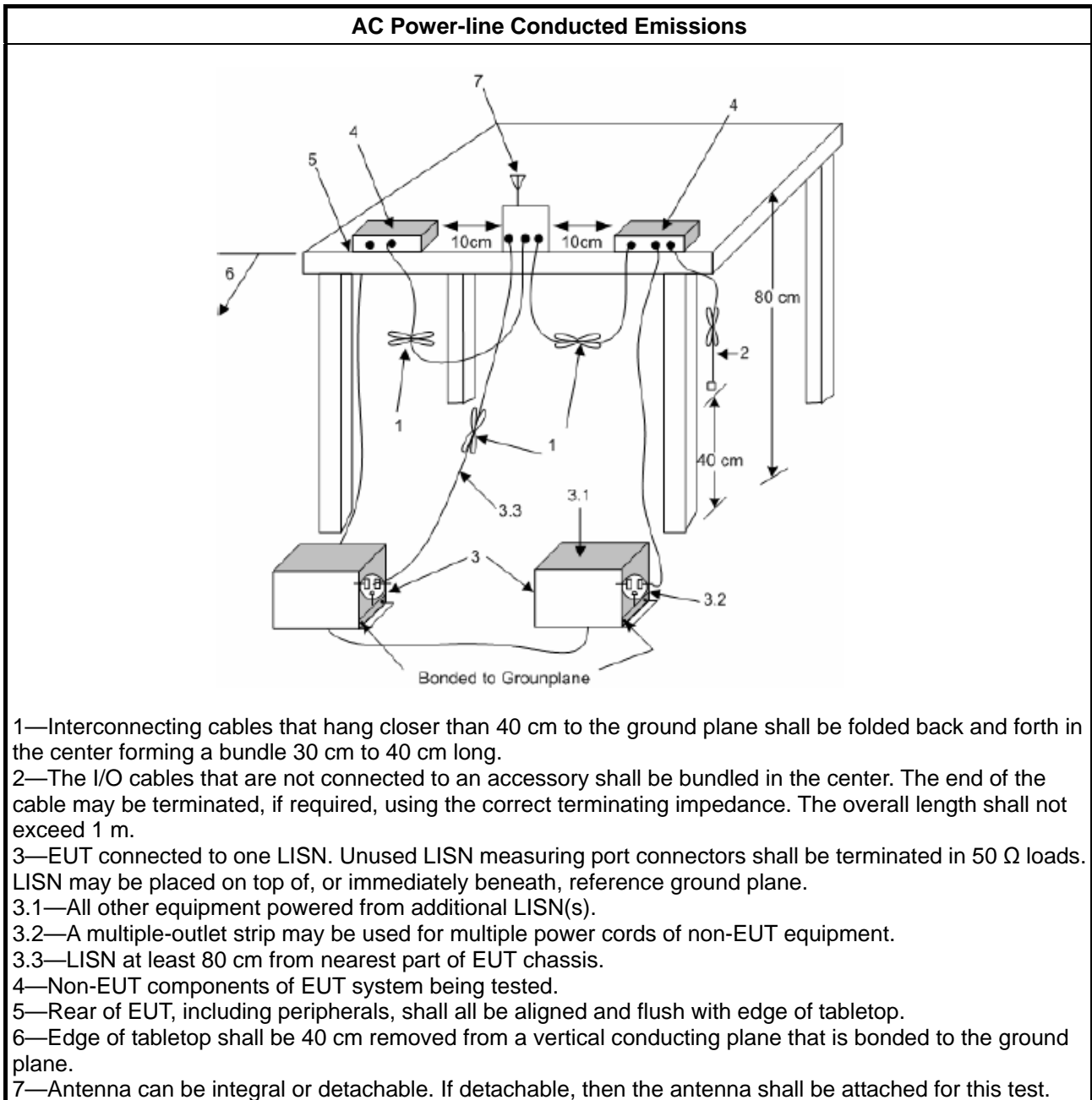
##### 3.1.2 Measuring Instruments

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

##### 3.1.3 Test Procedures

Test Method
<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
<b>Systems using digital modulation techniques:</b>
<ul style="list-style-type: none"> <li>▪ 6 dB bandwidth <math>\geq</math> 500 kHz.</li> </ul>

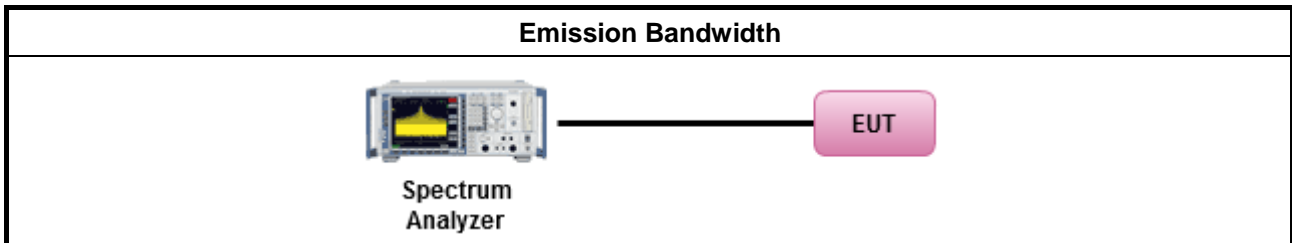
#### 3.2.2 Measuring Instruments

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"> <li>▪ For the emission bandwidth shall be measured using one of the options below:</li> </ul>
<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"> <li>▪ If <math>G_{TX} \leq 6</math> dBi, then <math>P_{Out} \leq 30</math> dBm (1 W)</li> </ul>
	<ul style="list-style-type: none"> <li>▪ Point-to-multipoint systems (P2M): If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 6)</math> dBm</li> </ul>
	<ul style="list-style-type: none"> <li>▪ Point-to-point systems (P2P): If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 6)/3</math> dBm</li> </ul>
	<ul style="list-style-type: none"> <li>▪ Smart antenna system (SAS):</li> </ul>
	<ul style="list-style-type: none"> <li>- Single beam: If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 6)/3</math> dBm</li> </ul>
	<ul style="list-style-type: none"> <li>- Overlap beam: If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 6)/3</math> dBm</li> </ul>
	<ul style="list-style-type: none"> <li>- Aggregate power on all beams: If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 6)/3 + 8</math> dB dBm</li> </ul>
$P_{Out}$ = 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

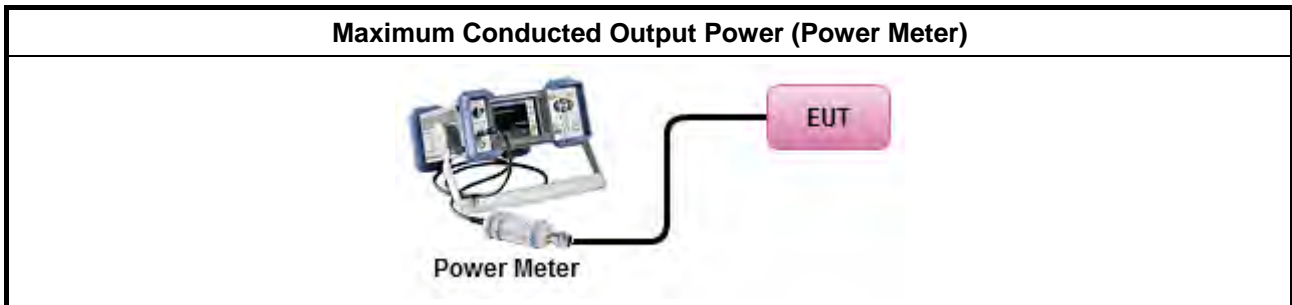
Refer a test equipment and calibration data table in this test report.



**3.3.3 Test Procedures**

Test Method	
<ul style="list-style-type: none"> <li>▪ Maximum Peak Conducted Output Power</li> </ul>	
	<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"> <li>▪ Maximum Conducted Output Power</li> </ul>	
[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"> <li>▪ For conducted measurement.</li> </ul>	
	<ul style="list-style-type: none"> <li>▪ 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.</li> </ul>
	<ul style="list-style-type: none"> <li>▪ If multiple transmit chains, EIRP calculation could be following as methods:  <math display="block">P_{total} = P_1 + P_2 + \dots + P_n</math>                     (calculated in linear unit [mW] and transfer to log unit [dBm])  <math display="block">EIRP_{total} = P_{total} + DG</math> </li> </ul>

### 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"> <li>▪ Power Spectral Density (PSD) <math>\leq</math> 8 dBm/3kHz</li> </ul>

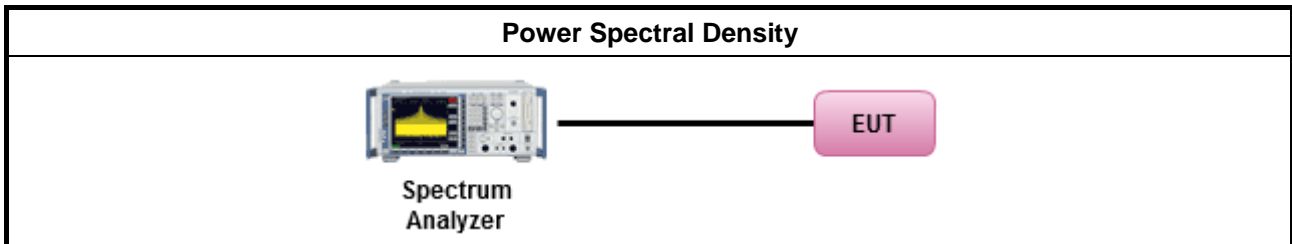
#### 3.4.2 Measuring Instruments

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"> <li>▪ 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).</li> </ul>						
<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"> <li>▪ For conducted measurement.             <ul style="list-style-type: none"> <li>▪ If The EUT supports multiple transmit chains using options given below:                 <table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="width: 20px; text-align: center;"><input checked="" type="checkbox"/></td> <td>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 style="text-align: center;"><input type="checkbox"/></td> <td>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 style="text-align: center;"><input type="checkbox"/></td> <td>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> </li> </ul> </li> </ul>	<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.

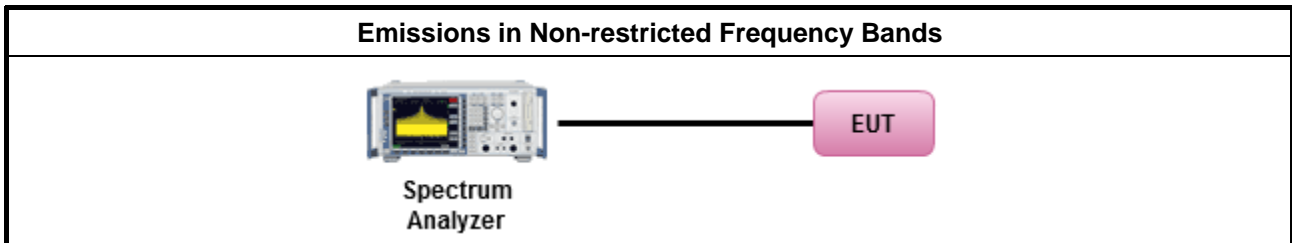
#### 3.5.2 Measuring Instruments

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"> <li>Refer as FCC KDB 558074, clause 8.5 for unwanted emissions into non-restricted bands.</li> </ul>

#### 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

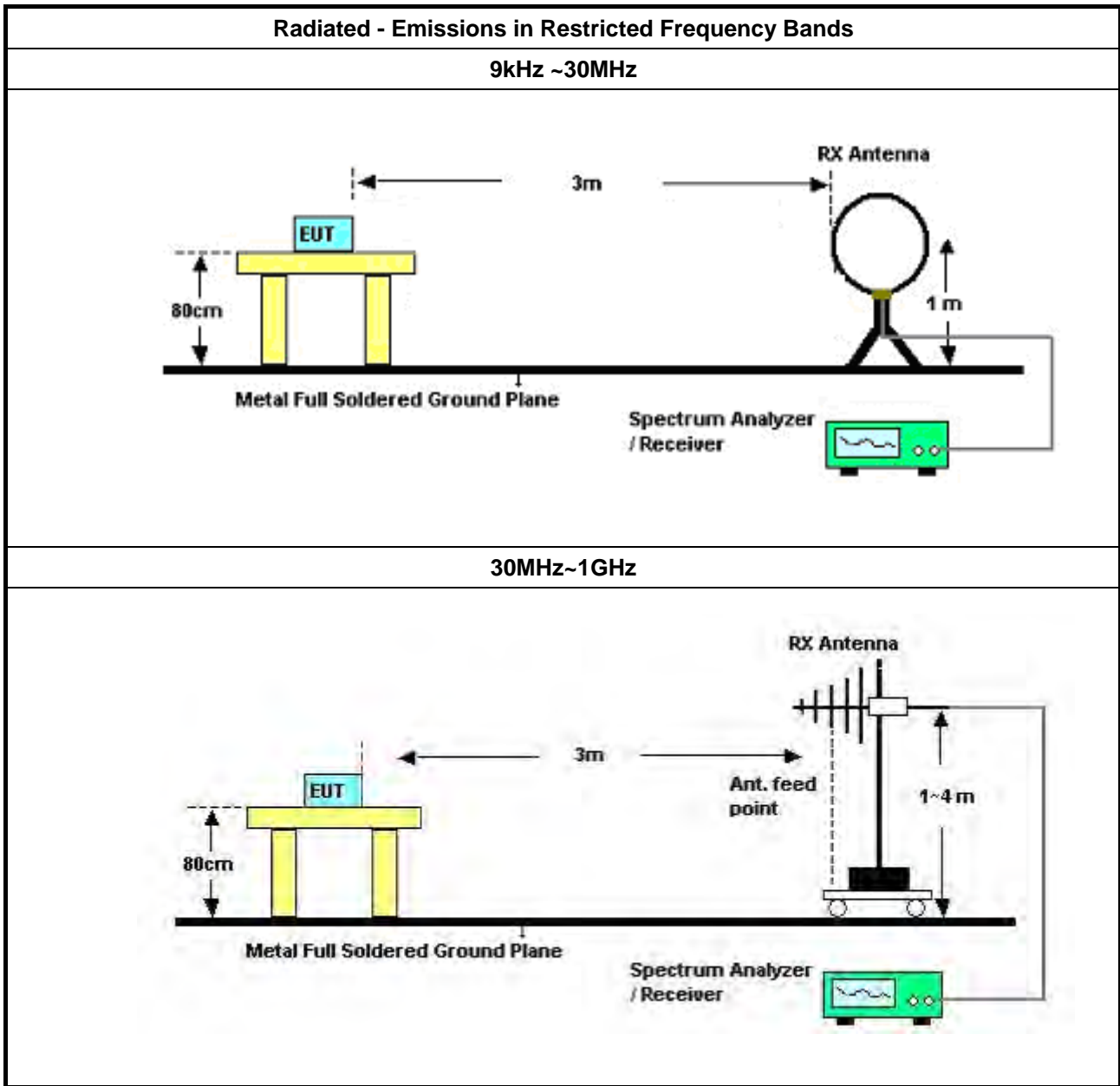
Refer a test equipment and calibration data table in this test report.

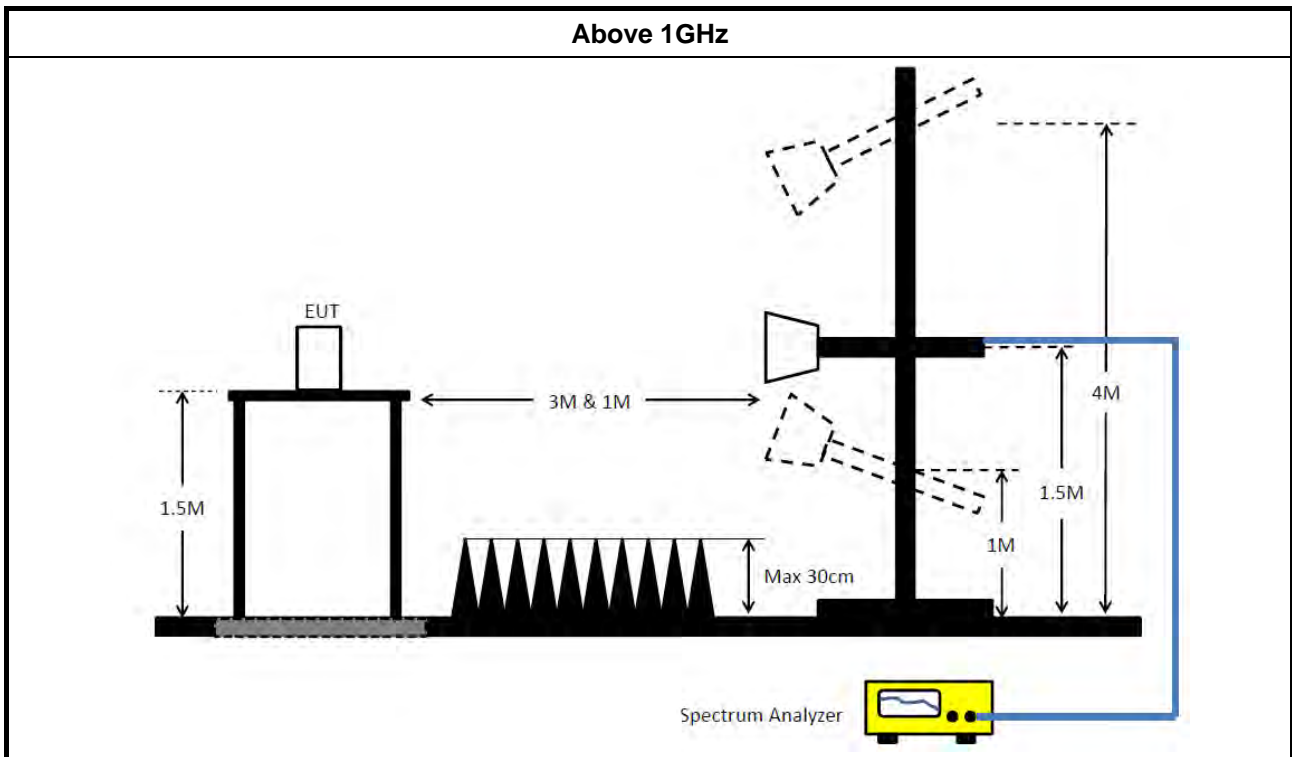


**3.6.3 Test Procedures**

<b>Test Method</b>	
<ul style="list-style-type: none"> <li>▪ The average emission levels shall be measured in [duty cycle <math>\geq</math> 98 or duty factor].</li> </ul>	
<ul style="list-style-type: none"> <li>▪ 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.</li> </ul>	
<ul style="list-style-type: none"> <li>▪ For the transmitter unwanted emissions shall be measured using following options below:</li> </ul>	
	<ul style="list-style-type: none"> <li>▪ Refer as FCC KDB 558074, clause 8.6 for unwanted emissions into restricted bands.</li> </ul>
<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"> <li>▪ For the transmitter band-edge emissions shall be measured using following options below:</li> </ul>	
	<ul style="list-style-type: none"> <li>▪ Refer as FCC KDB 558074 clause 8.7 &amp; 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.</li> </ul>
	<ul style="list-style-type: none"> <li>▪ Refer as FCC KDB 558074, clause 8.7 (ANSI C63.10, clause 6.10.6) for marker-delta method for band-edge measurements.</li> </ul>
	<ul style="list-style-type: none"> <li>▪ 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).</li> </ul>
	<ul style="list-style-type: none"> <li>▪ 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</li> </ul>
	<ul style="list-style-type: none"> <li>▪ 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.</li> </ul>

**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	Mar. 03, 2021	Mar. 02, 2022	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Jan. 06, 2021	Jan. 05, 2022	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Mar. 07, 2021	Mar. 06, 2022	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Jan. 30, 2021	Jan. 29, 2022	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	May 19, 2021	May 18, 2022	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Apr. 14, 2021	Apr. 13, 2022	Radiation (03CH05-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Aug. 10, 2020	Aug. 09, 2021	Radiation (03CH05-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Aug. 09, 2021	Aug. 08, 2022	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Nov. 08, 2020	Nov. 07, 2021	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 26, 2021	Mar. 25, 2022	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120 D-1291	1GHz~18GHz	Sep. 05, 2020	Sep. 04, 2021	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jun. 18, 2021	Jun. 17, 2022	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	Apr. 27, 2021	Apr. 26, 2022	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz ~ 26.5GHz	Jul. 02, 2021	Jul. 01, 2022	Radiation (03CH05-CB)
Amplifier	-	-	TF-130N-R1	18GHz ~ 40GHz	Jun.15, 2021	Jun. 14, 2022	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Nov. 10, 2020	Nov. 09, 2021	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 21, 2021	Jun. 20, 2022	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH05-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 07, 2021	May 06, 2022	Radiation (03CH01-CB)
Horn Antenna	ETS-LINDGREN	3115	00075790	750MHz ~ 18GHz	Nov. 06, 2020	Nov. 05, 2021	Radiation (03CH01-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jun. 18, 2021	Jun. 17, 2022	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 20, 2021	May 19, 2022	Radiation (03CH01-CB)
Amplifier	-	-	TF-130N-R1	18GHz ~ 40GHz	Jun.15, 2021	Jun. 14, 2022	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	May 03, 2021	May 02, 2022	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH01-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 21, 2021	May 20, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz –26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz –26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz –26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-10	1 GHz ~26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-30	1 GHz ~26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
Power Sensor	Agilent	E9327A	US40442088	50MHz~18GHz	Feb. 23, 2021	Feb. 22, 2022	Conducted (TH01-CB)
Power Meter	Agilent	E4416A	GB41291199	50MHz~18GHz	Feb. 23, 2021	Feb. 22, 2022	Conducted (TH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH01-CB)
Signal Analyzer	R&S	FSV40	101904	9kHz ~ 40GHz	Apr. 15, 2021	Apr. 14, 2022	Conducted (TH02-CB)
Power Sensor	Anritsu	MA2411B	1126203	300MHz~40GHz	Sep. 17, 2020	Sep. 16, 2021	Conducted (TH02-CB)
Power Meter	Anritsu	ML2495A	1210004	300MHz~40GHz	Sep. 17, 2020	Sep. 16, 2021	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-01	1 GHz ~ 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-02	1 GHz ~ 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-03	1 GHz ~ 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-04	1 GHz ~ 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-05	1 GHz ~ 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH02-CB)

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

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





**Summary**

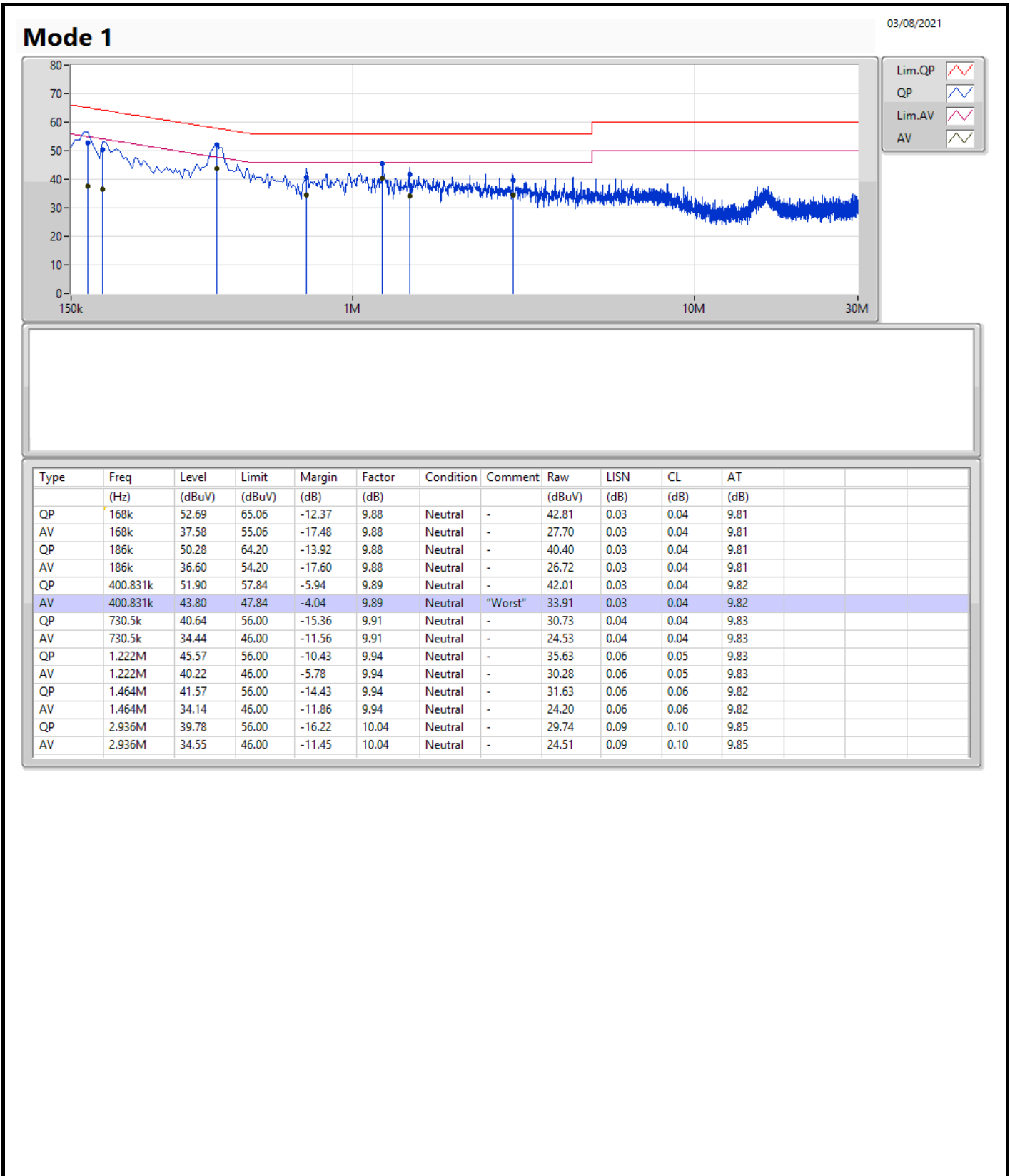
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	400.831k	43.80	47.84	-4.04	Neutral

Mode 1

03/08/2021



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	163.5k	53.78	65.27	-11.49	9.89	Line	-	43.89	0.04	0.04	9.81
AV	163.5k	39.24	55.27	-16.03	9.89	Line	-	29.35	0.04	0.04	9.81
QP	186k	50.00	64.20	-14.20	9.89	Line	-	40.11	0.04	0.04	9.81
AV	186k	36.21	54.20	-17.99	9.89	Line	-	26.32	0.04	0.04	9.81
QP	400.442k	51.41	57.84	-6.43	9.90	Line	-	41.51	0.04	0.04	9.82
AV	400.442k	43.39	47.84	-4.45	9.90	Line	"Worst"	33.49	0.04	0.04	9.82
QP	487.5k	42.56	56.21	-13.65	9.90	Line	-	32.66	0.04	0.04	9.82
AV	487.5k	37.11	46.21	-9.10	9.90	Line	-	27.21	0.04	0.04	9.82
QP	1.222M	45.11	56.00	-10.89	9.95	Line	-	35.16	0.07	0.05	9.83
AV	1.222M	39.90	46.00	-6.10	9.95	Line	-	29.95	0.07	0.05	9.83
QP	1.712M	41.07	56.00	-14.93	9.96	Line	-	31.11	0.08	0.06	9.82
AV	1.712M	33.63	46.00	-12.37	9.96	Line	-	23.67	0.08	0.06	9.82
QP	2.688M	40.92	56.00	-15.08	10.04	Line	-	30.88	0.11	0.09	9.84
AV	2.688M	36.39	46.00	-9.61	10.04	Line	-	26.35	0.11	0.09	9.84





**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	8.55M	13.393M	13M4G1D	7.125M	13.043M
802.11g_Nss1,(6Mbps)_2TX	15.925M	16.542M	16M5D1D	15.675M	16.442M
802.11ax HEW20_Nss1,(MCS0)_2TX	18.025M	18.991M	19M0D1D	16.575M	18.941M
802.11ax HEW40_Nss1,(MCS0)_2TX	37.85M	38.081M	38M1D1D	34.9M	37.731M

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	7.55M	13.218M	7.275M	13.393M
2437MHz	Pass	500k	7.125M	13.043M	7.55M	13.093M
2462MHz	Pass	500k	8.55M	13.118M	7.525M	13.368M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	15.925M	16.492M	15.675M	16.442M
2437MHz	Pass	500k	15.7M	16.492M	15.7M	16.517M
2462MHz	Pass	500k	15.7M	16.542M	15.675M	16.442M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	17.275M	18.941M	16.575M	18.991M
2437MHz	Pass	500k	17.25M	18.941M	18.025M	18.941M
2462MHz	Pass	500k	16.625M	18.941M	17.975M	18.966M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	34.9M	37.731M	37.6M	37.731M
2437MHz	Pass	500k	35.4M	37.781M	36.3M	37.731M
2452MHz	Pass	500k	37.85M	38.081M	37.6M	38.081M

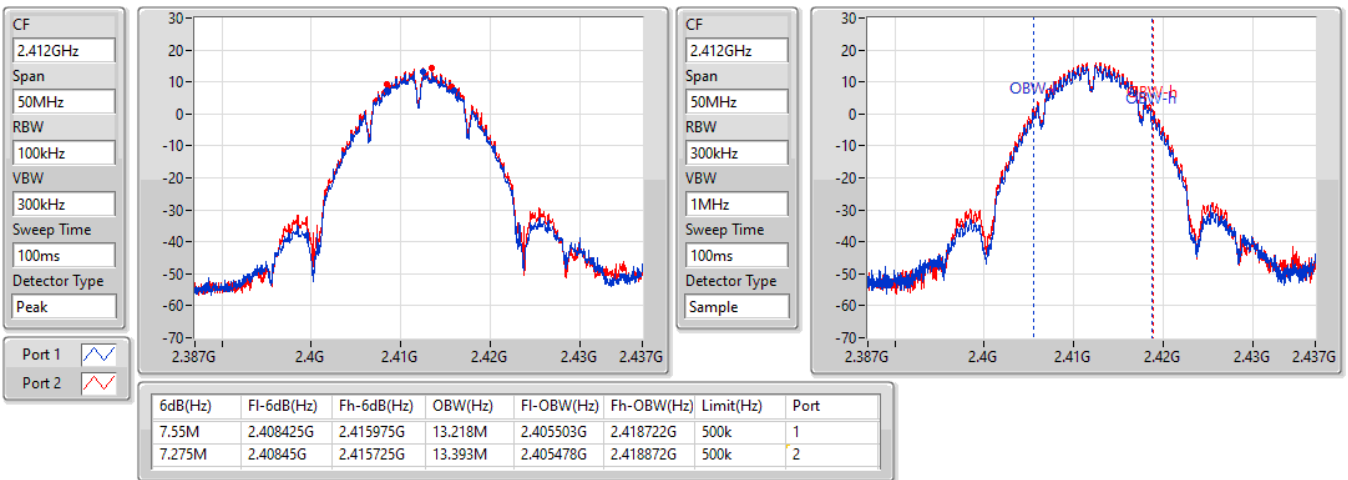
Port X-N dB = Port X 6dB down bandwidth;  
 Port X-OBW = Port X 99% occupied bandwidth

### 802.11b\_Nss1,(1Mbps)\_2TX

EBW

2412MHz

29/07/2021

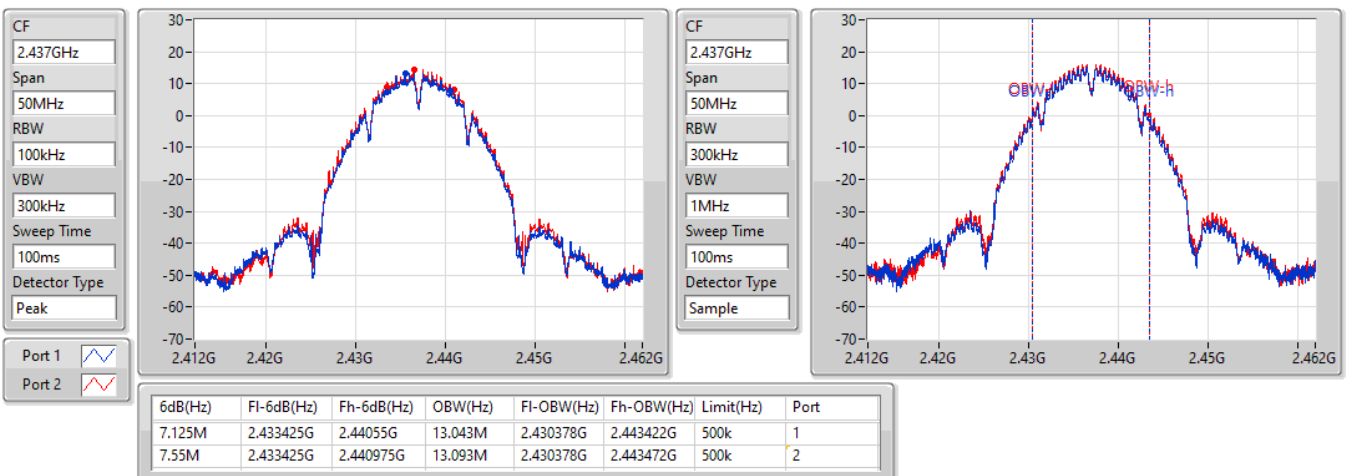


### 802.11b\_Nss1,(1Mbps)\_2TX

EBW

2437MHz

29/07/2021

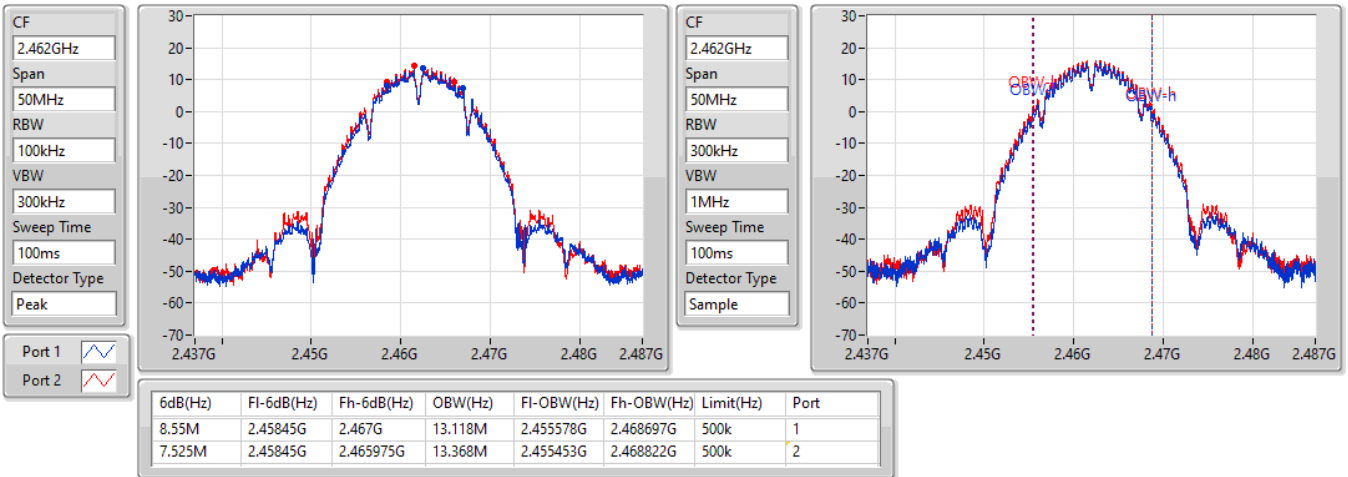


### 802.11b\_Nss1,(1Mbps)\_2TX

EBW

2462MHz

29/07/2021

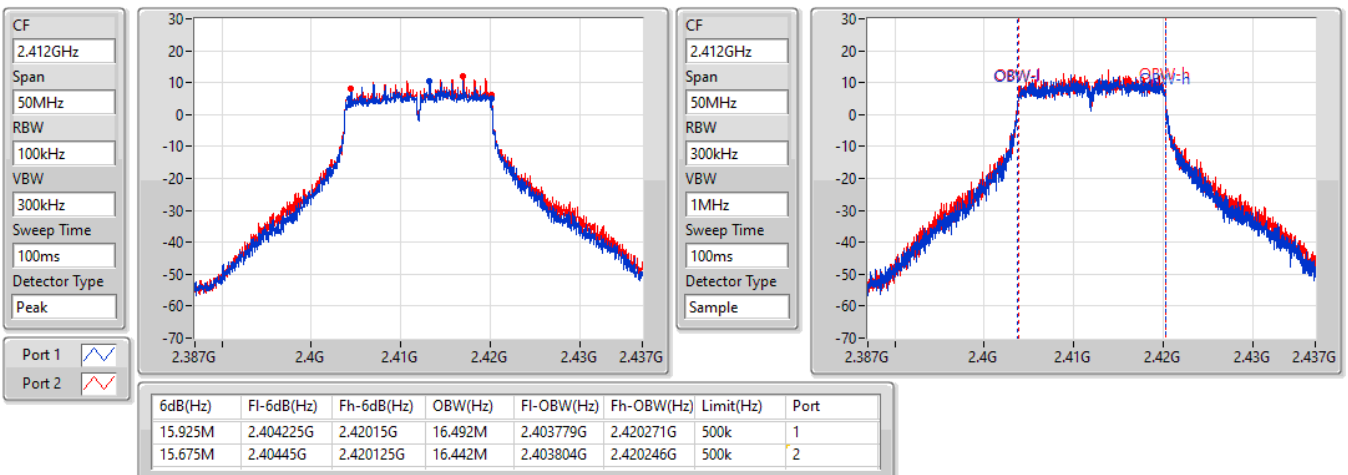


### 802.11g\_Nss1,(6Mbps)\_2TX

EBW

2412MHz

29/07/2021

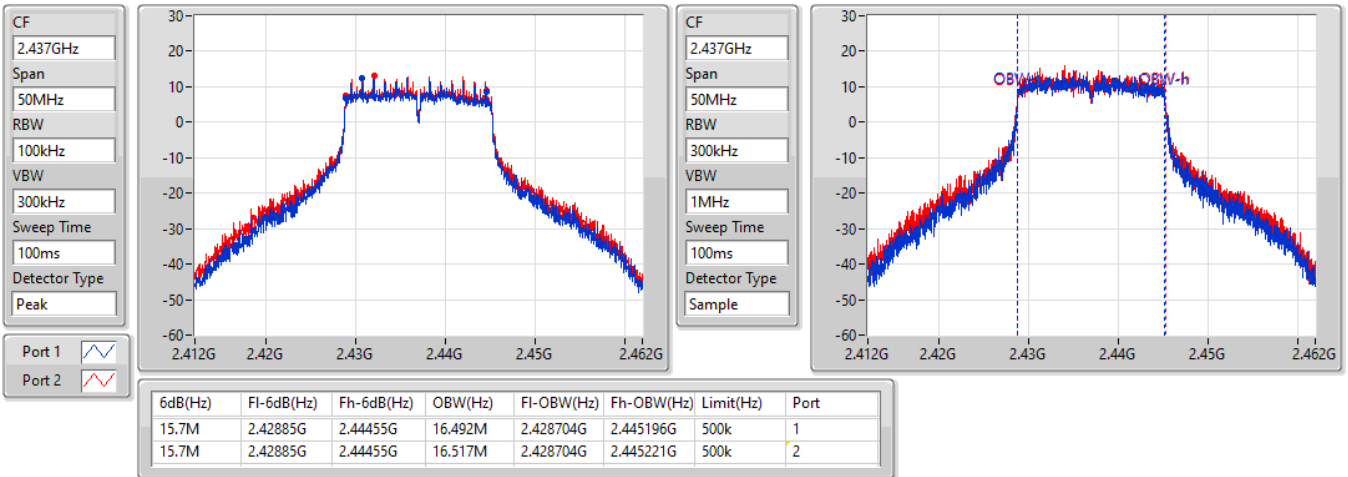


802.11g\_Nss1,(6Mbps)\_2TX

EBW

2437MHz

29/07/2021

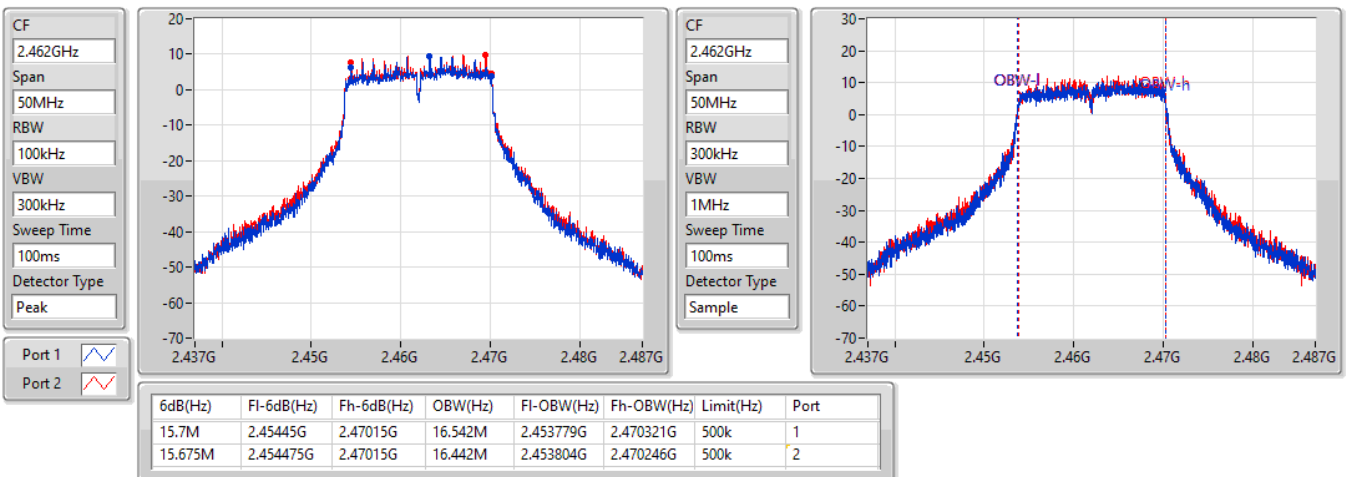


802.11g\_Nss1,(6Mbps)\_2TX

EBW

2462MHz

29/07/2021



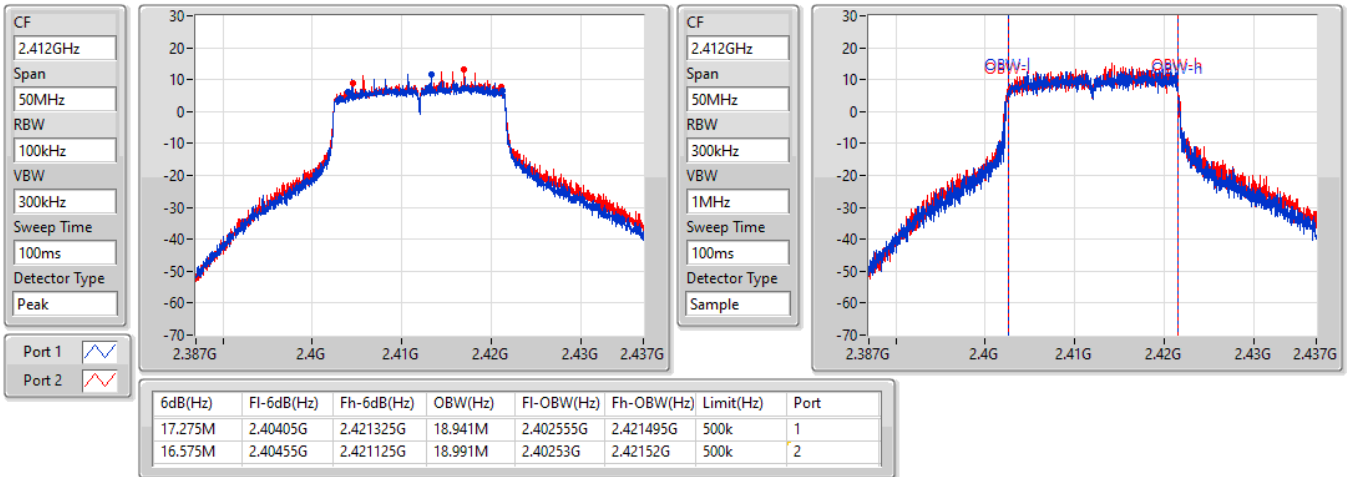


802.11ax HEW20\_Nss1,(MCS0)\_2TX

EBW

2412MHz

29/07/2021

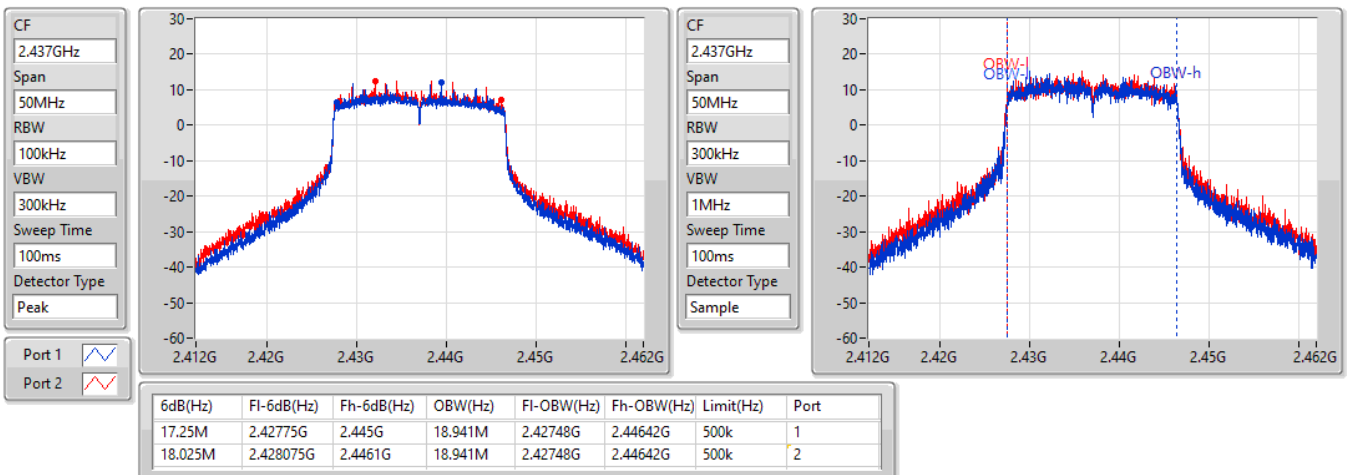


802.11ax HEW20\_Nss1,(MCS0)\_2TX

EBW

2437MHz

29/07/2021

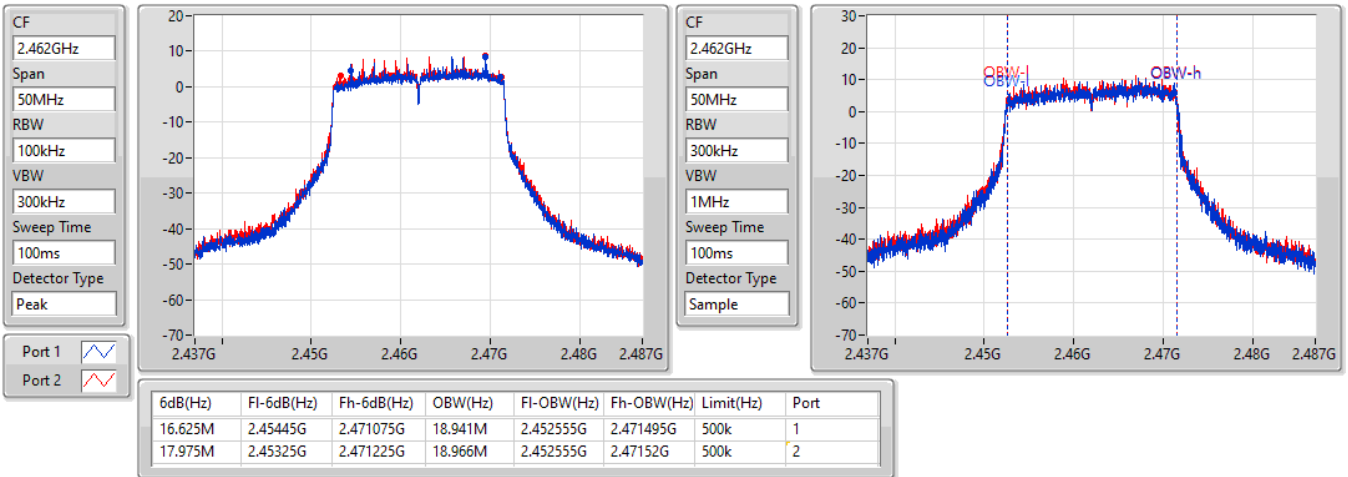


802.11ax HEW20\_Nss1,(MCS0)\_2TX

EBW

2462MHz

29/07/2021

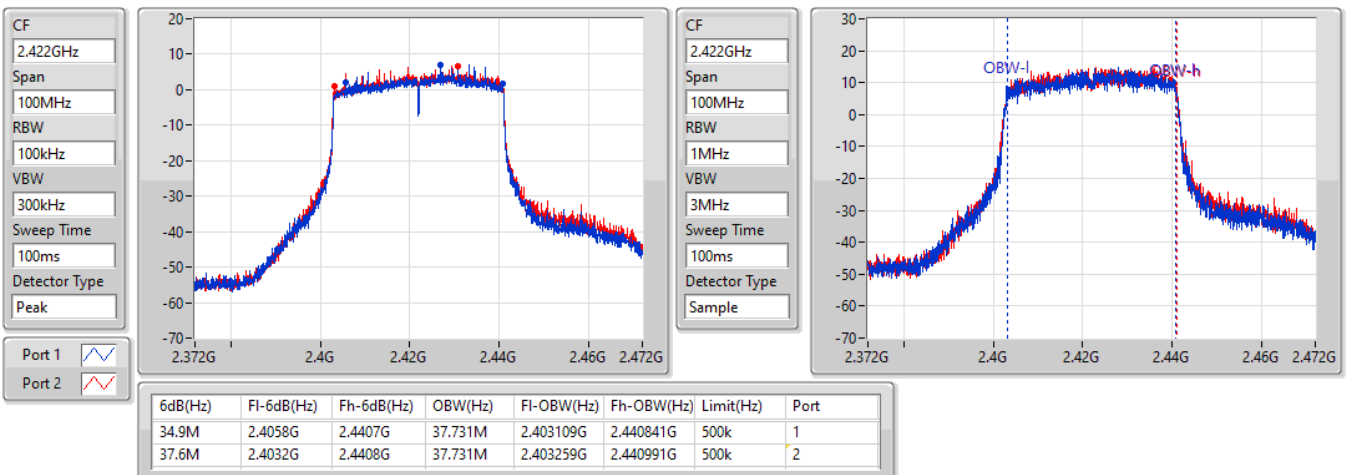


802.11ax HEW40\_Nss1,(MCS0)\_2TX

EBW

2422MHz

29/07/2021

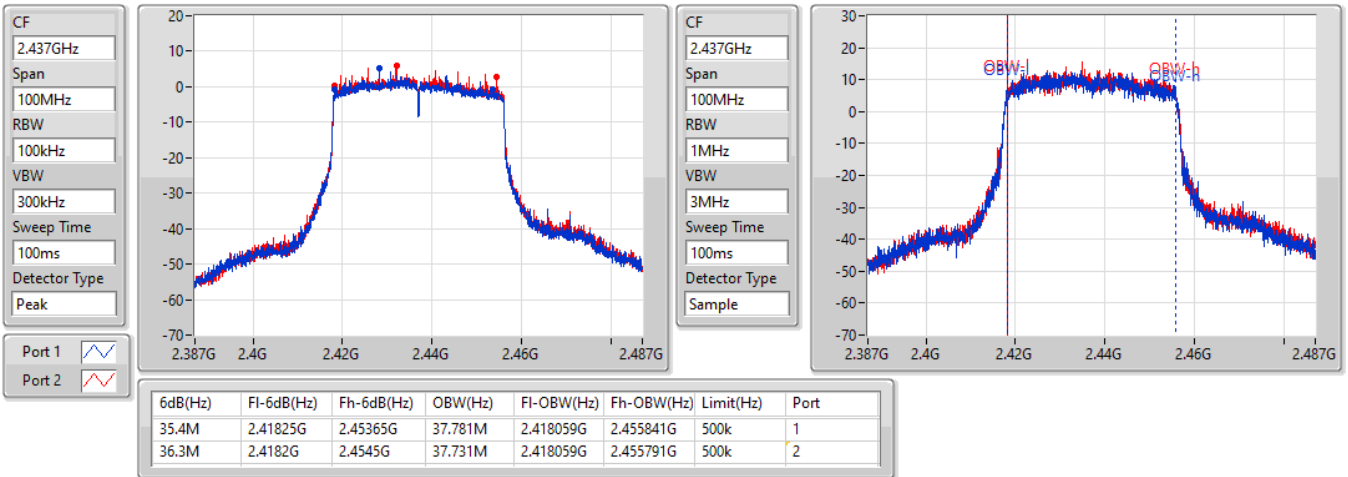


802.11ax HEW40\_Nss1,(MCS0)\_2TX

EBW

2437MHz

29/07/2021

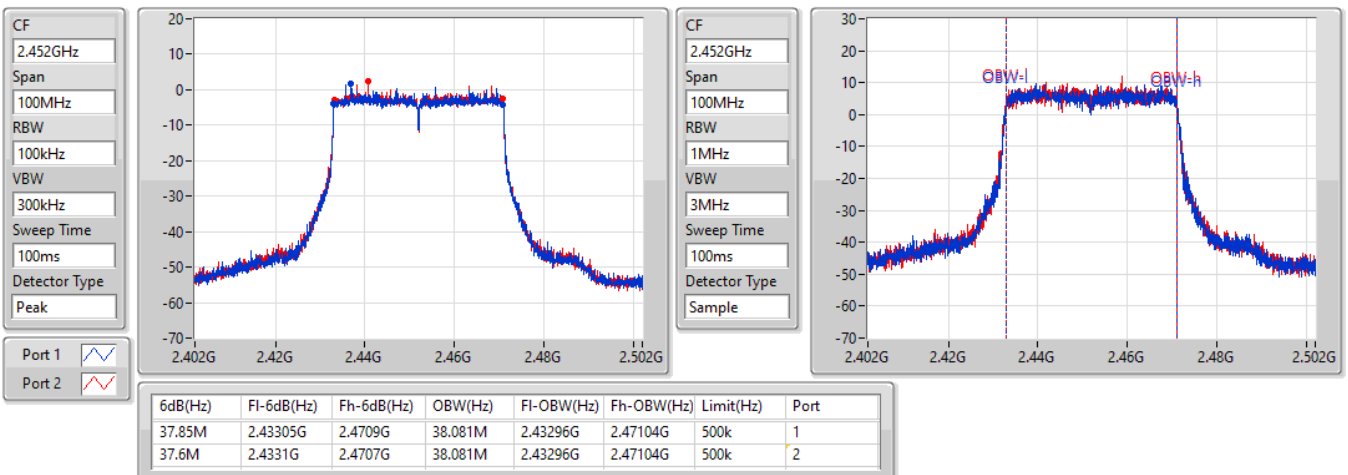


802.11ax HEW40\_Nss1,(MCS0)\_2TX

EBW

2452MHz

29/07/2021





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	8.075M	13.318M	13M3G1D	7.325M	12.719M
802.11g_Nss1,(6Mbps)_2TX	16.3M	16.542M	16M5D1D	15.65M	16.392M
802.11ax HEW20_Nss1,(MCS0)_2TX	18.675M	18.991M	19M0D1D	15.375M	18.841M
802.11ax HEW40_Nss1,(MCS0)_2TX	38M	38.281M	38M3D1D	28.05M	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)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	7.325M	13.118M	7.6M	13.168M
2437MHz	Pass	500k	7.55M	12.719M	7.55M	12.719M
2462MHz	Pass	500k	8.075M	13.218M	8.075M	13.318M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.3M	16.492M	16.025M	16.517M
2437MHz	Pass	500k	15.675M	16.442M	15.675M	16.392M
2462MHz	Pass	500k	15.65M	16.517M	15.675M	16.542M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	18.6M	18.991M	18.675M	18.991M
2437MHz	Pass	500k	16.675M	18.841M	16.7M	18.866M
2462MHz	Pass	500k	16M	18.966M	15.375M	18.966M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	36.4M	37.781M	36.25M	37.931M
2437MHz	Pass	500k	28.05M	37.631M	29.1M	37.681M
2452MHz	Pass	500k	38M	38.281M	38M	38.231M

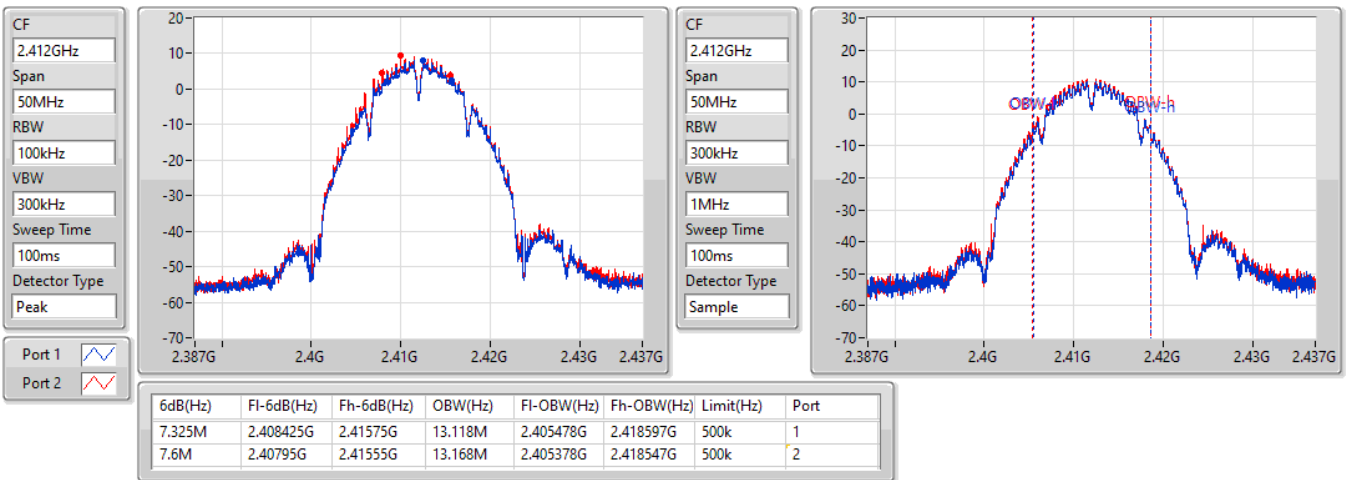
Port X-N dB = Port X 6dB down bandwidth;  
 Port X-OBW = Port X 99% occupied bandwidth

802.11b\_Nss1,(1Mbps)\_2TX

EBW

2412MHz

31/07/2021

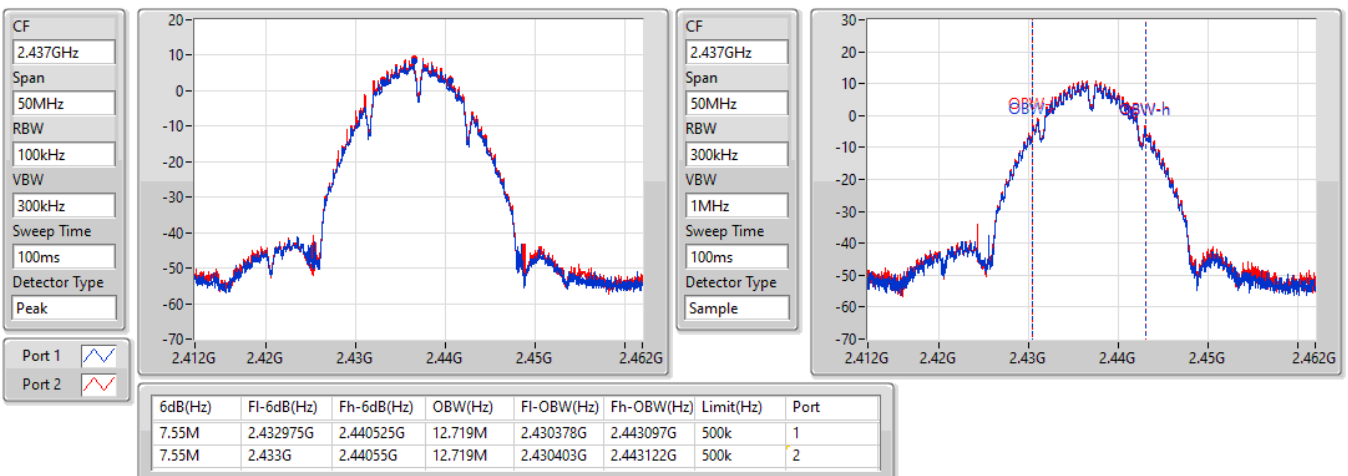


802.11b\_Nss1,(1Mbps)\_2TX

EBW

2437MHz

31/07/2021

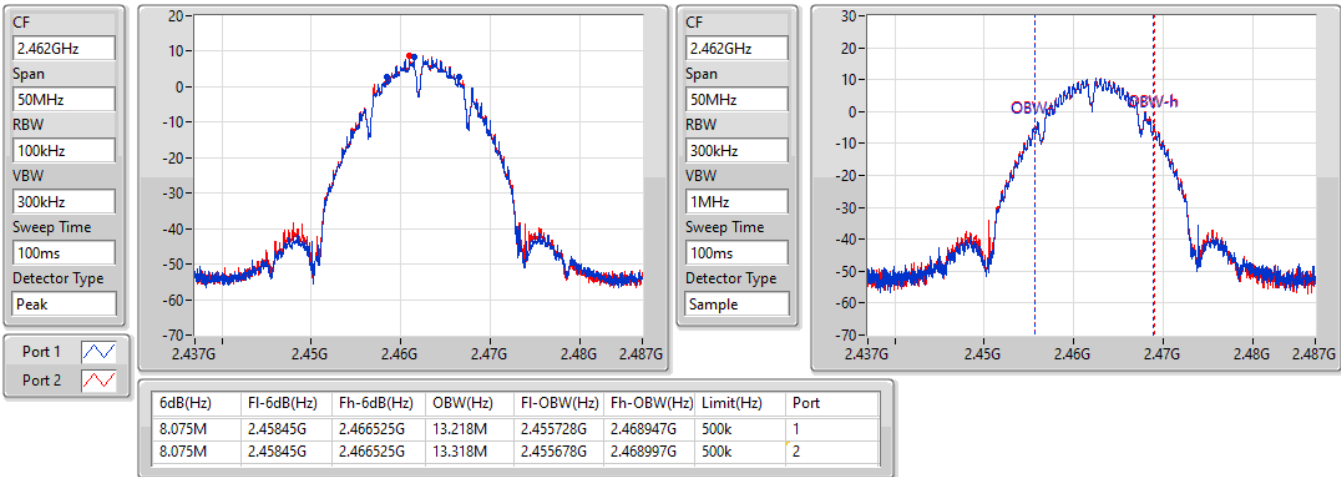


802.11b\_Nss1,(1Mbps)\_2TX

EBW

2462MHz

31/07/2021

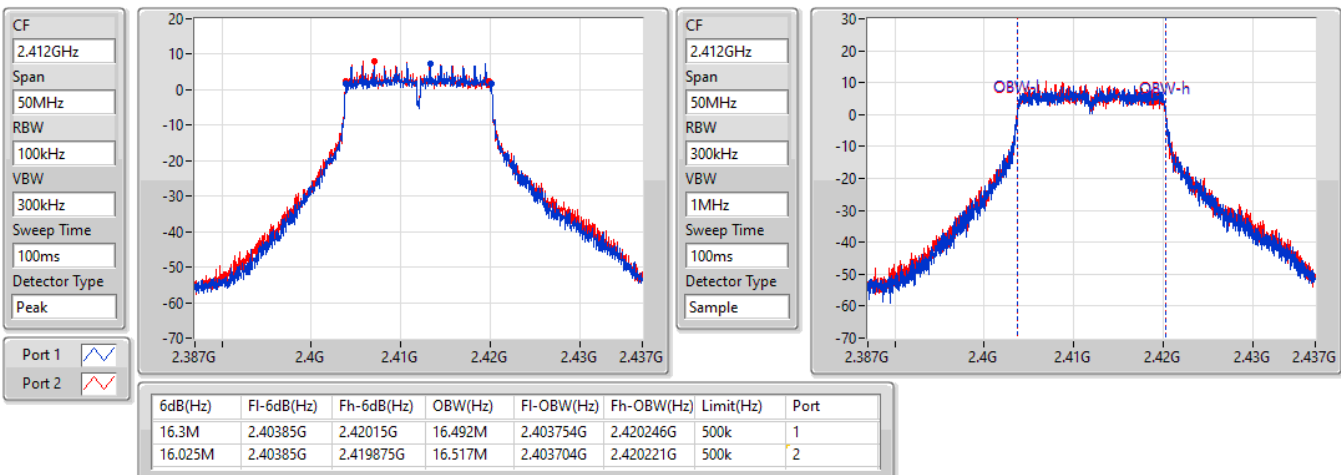


802.11g\_Nss1,(6Mbps)\_2TX

EBW

2412MHz

31/07/2021

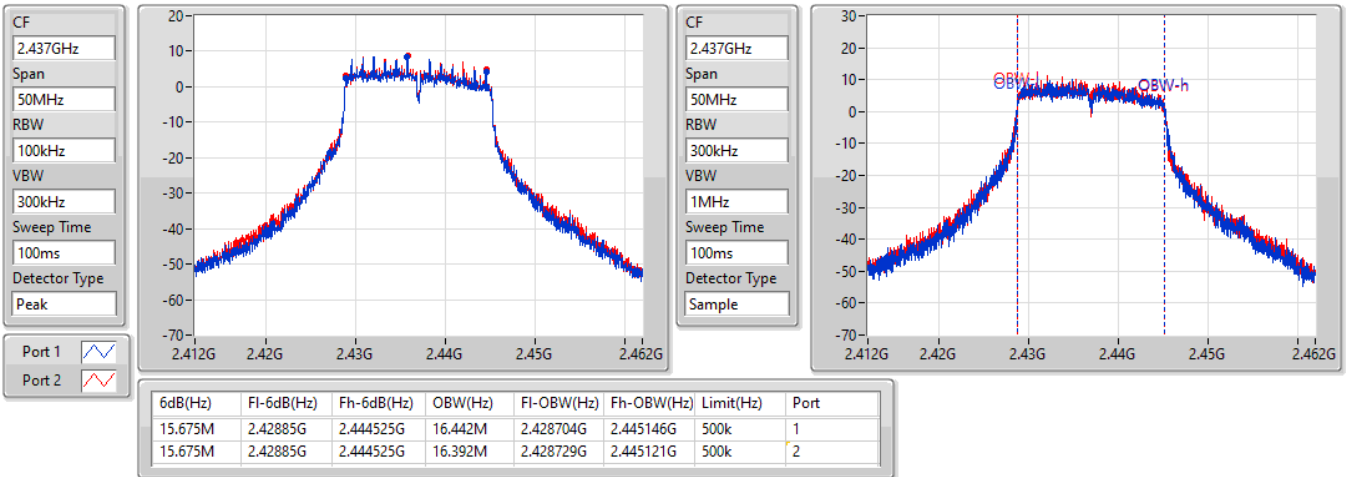


802.11g\_Nss1,(6Mbps)\_2TX

EBW

2437MHz

31/07/2021

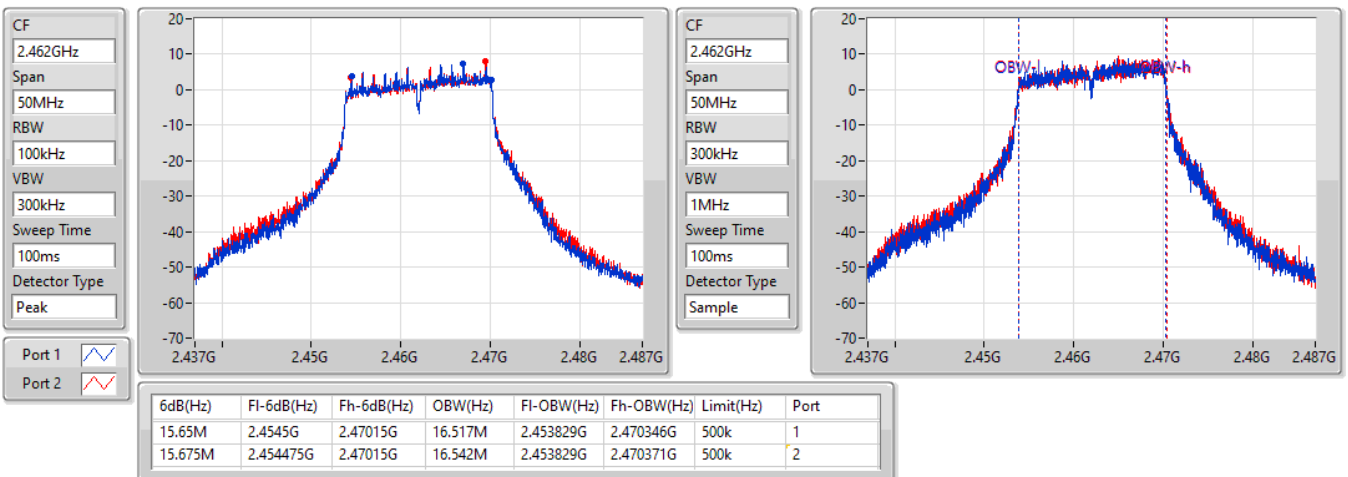


802.11g\_Nss1,(6Mbps)\_2TX

EBW

2462MHz

31/07/2021



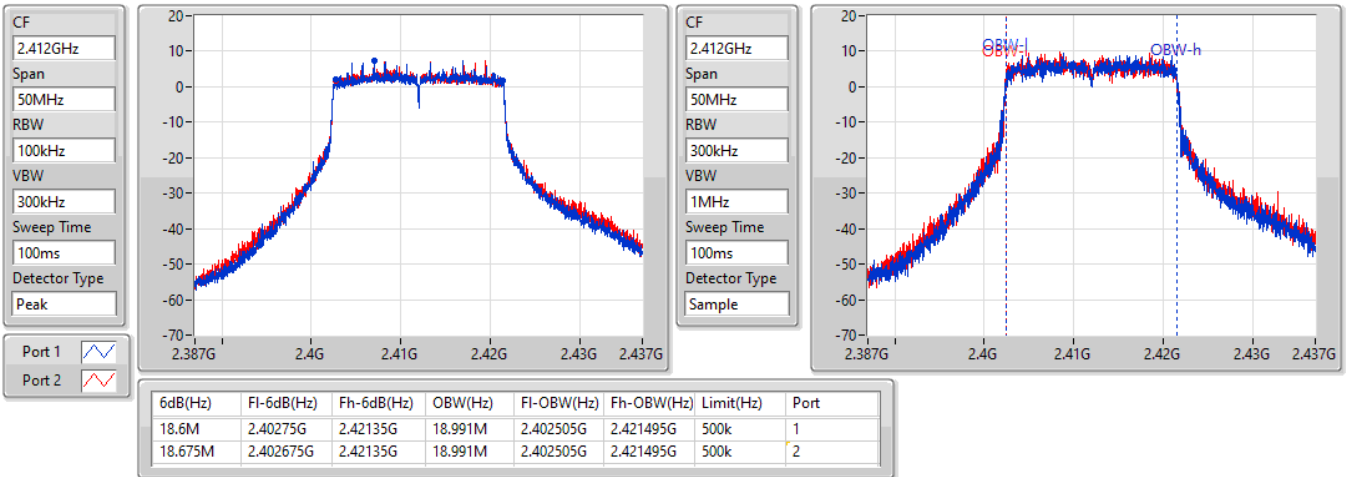


802.11ax HEW20\_Nss1,(MCS0)\_2TX

EBW

2412MHz

31/07/2021

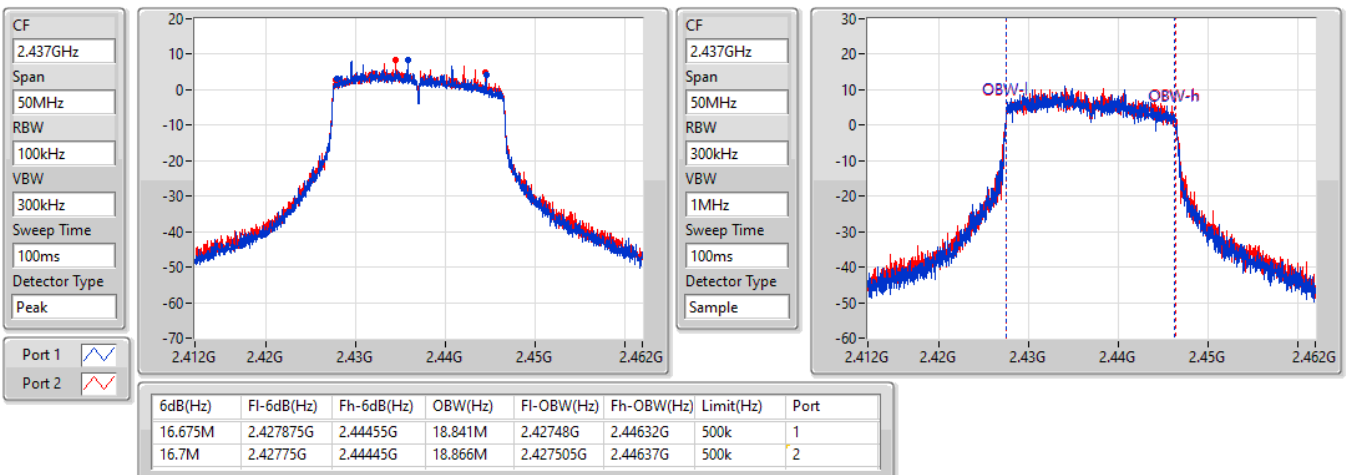


802.11ax HEW20\_Nss1,(MCS0)\_2TX

EBW

2437MHz

31/07/2021

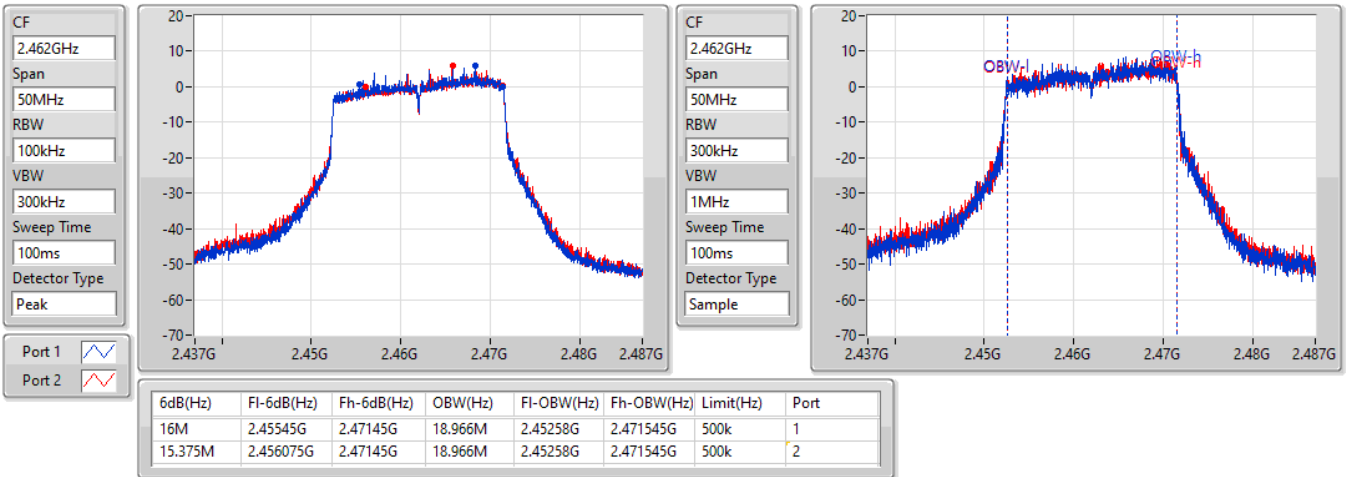


802.11ax HEW20\_Nss1,(MCS0)\_2TX

EBW

2462MHz

31/07/2021

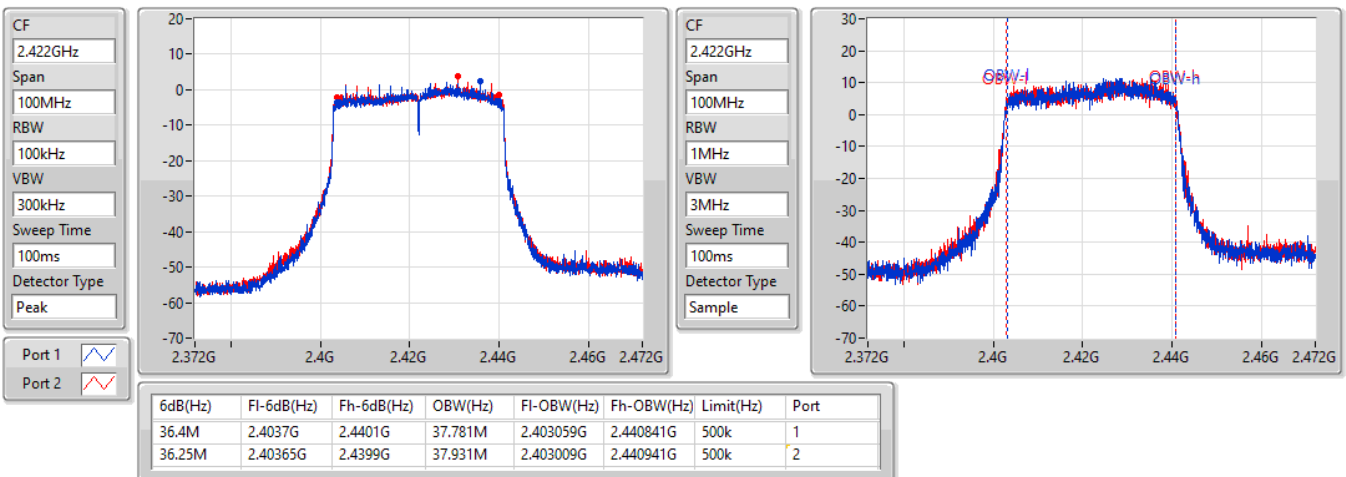


802.11ax HEW40\_Nss1,(MCS0)\_2TX

EBW

2422MHz

31/07/2021

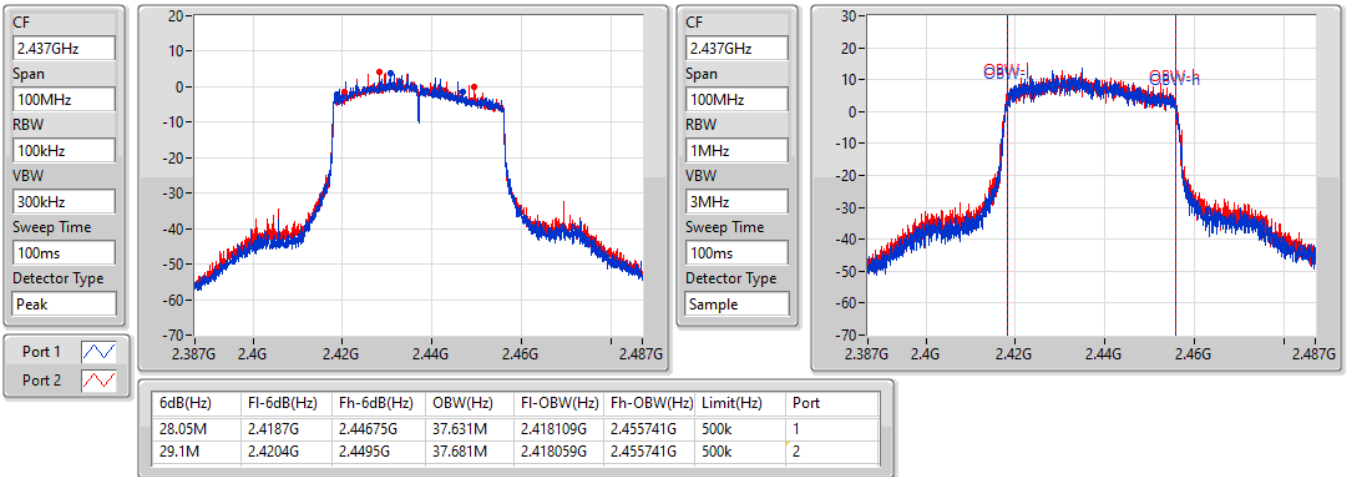


802.11ax HEW40\_Nss1,(MCS0)\_2TX

EBW

2437MHz

31/07/2021

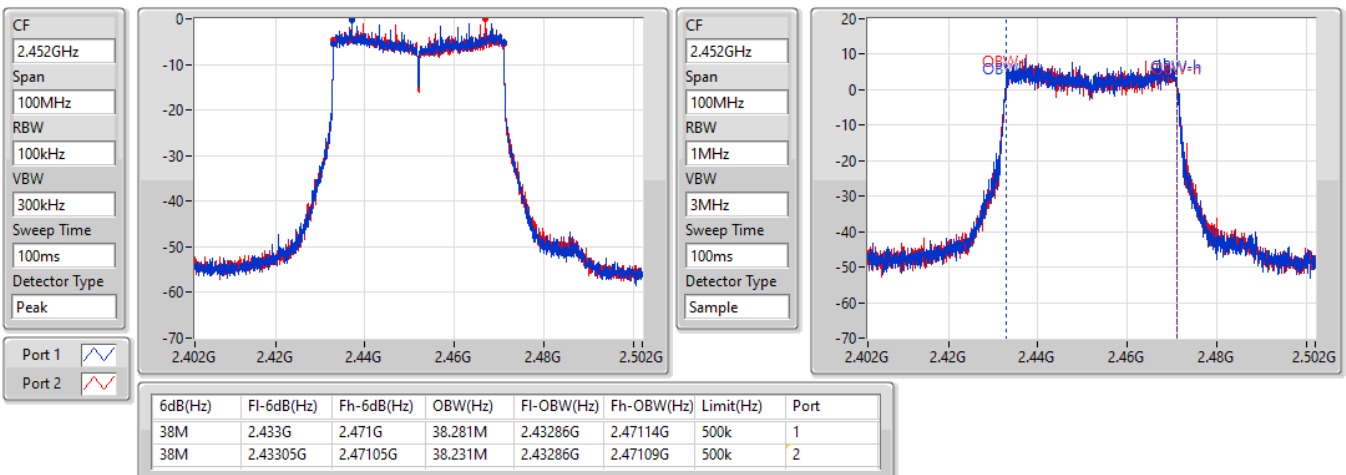


802.11ax HEW40\_Nss1,(MCS0)\_2TX

EBW

2452MHz

31/07/2021





**Summary**

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	26.05	0.40272
802.11g_Nss1,(6Mbps)_2TX	25.96	0.39446
802.11ax HEW20_Nss1,(MCS0)_2TX	25.57	0.36058
802.11ax HEW40_Nss1,(MCS0)_2TX	24.43	0.27733



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.00	22.43	23.41	25.96	30.00
2437MHz	Pass	6.00	22.45	23.14	25.82	30.00
2462MHz	Pass	6.00	22.59	23.45	26.05	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.00	20.62	21.34	24.01	30.00
2417MHz	Pass	6.00	22.78	22.06	25.45	30.00
2437MHz	Pass	6.00	22.51	23.35	25.96	30.00
2457MHz	Pass	6.00	20.54	21.14	23.86	30.00
2462MHz	Pass	6.00	19.50	19.99	22.76	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.00	21.81	22.31	25.08	30.00
2417MHz	Pass	6.00	22.12	22.63	25.39	30.00
2437MHz	Pass	6.00	22.33	22.77	25.57	30.00
2457MHz	Pass	6.00	19.83	20.49	23.18	30.00
2462MHz	Pass	6.00	18.05	18.56	21.32	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	6.00	20.11	20.75	23.45	30.00
2427MHz	Pass	6.00	20.92	21.86	24.43	30.00
2437MHz	Pass	6.00	18.14	18.74	21.46	30.00
2447MHz	Pass	6.00	15.79	16.07	18.94	30.00
2452MHz	Pass	6.00	15.39	15.94	18.68	30.00

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



**Summary**

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	21.70	0.14791
802.11g_Nss1,(6Mbps)_2TX	21.88	0.15417
802.11ax HEW20_Nss1,(MCS0)_2TX	21.72	0.14859
802.11ax HEW40_Nss1,(MCS0)_2TX	20.59	0.11455



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	14.00	18.22	19.03	21.65	22.00
2437MHz	Pass	14.00	18.14	18.90	21.55	22.00
2462MHz	Pass	14.00	18.44	18.93	21.70	22.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	14.00	18.39	18.78	21.60	22.00
2417MHz	Pass	14.00	18.62	18.66	21.65	22.00
2437MHz	Pass	14.00	18.67	19.07	21.88	22.00
2457MHz	Pass	14.00	17.56	17.52	20.55	22.00
2462MHz	Pass	14.00	17.76	17.75	20.77	22.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	14.00	18.53	18.76	21.66	22.00
2417MHz	Pass	14.00	18.59	18.73	21.67	22.00
2437MHz	Pass	14.00	18.50	18.91	21.72	22.00
2457MHz	Pass	14.00	17.92	17.70	20.82	22.00
2462MHz	Pass	14.00	16.48	16.36	19.43	22.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	14.00	17.26	17.37	20.33	22.00
2437MHz	Pass	14.00	17.39	17.76	20.59	22.00
2447MHz	Pass	14.00	14.79	14.85	17.83	22.00
2452MHz	Pass	14.00	14.18	14.12	17.16	22.00

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



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	1.01
802.11g_Nss1,(6Mbps)_2TX	-2.44
802.11ax HEW20_Nss1,(MCS0)_2TX	-2.38
802.11ax HEW40_Nss1,(MCS0)_2TX	-5.78

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	9.01	-5.36	-4.07	-1.83	4.99
2437MHz	Pass	9.01	-4.97	-4.02	-1.62	4.99
2462MHz	Pass	9.01	-4.44	-0.26	1.01	4.99
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	9.01	-6.34	-5.70	-4.05	4.99
2437MHz	Pass	9.01	-4.32	-4.67	-2.44	4.99
2462MHz	Pass	9.01	-7.27	-7.04	-5.25	4.99
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	9.01	-4.97	-3.75	-2.66	4.99
2437MHz	Pass	9.01	-4.13	-3.51	-2.38	4.99
2462MHz	Pass	9.01	-8.06	-7.97	-5.64	4.99
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	9.01	-7.86	-7.75	-5.78	4.99
2437MHz	Pass	9.01	-10.22	-9.20	-8.51	4.99
2452MHz	Pass	9.01	-14.76	-13.00	-11.69	4.99

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

29/07/2021

CF  
2.412GHz

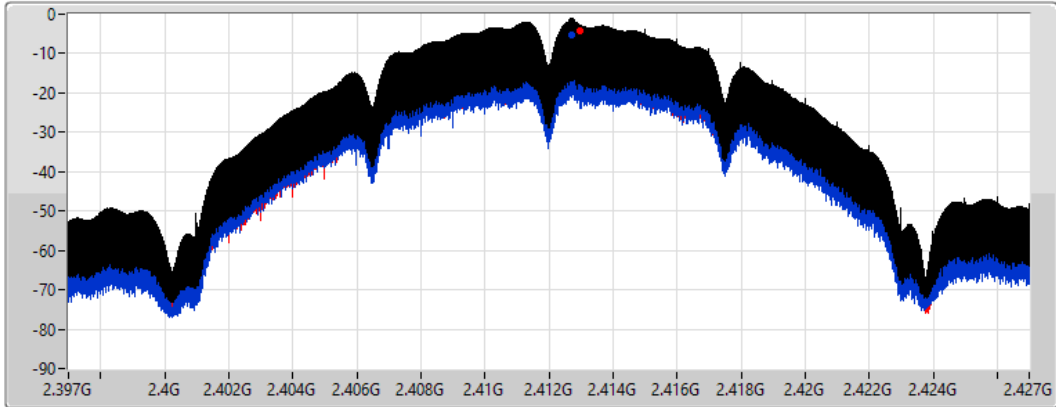
Span  
30MHz


RBW  
3kHz


VBW  
10kHz


Sweep Time  
4.424357ms

Detector Type  
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.83	-1.83	-5.36	-4.07

### 802.11b\_Nss1,(1Mbps)\_2TX

### PSD

2437MHz

29/07/2021

CF  
2.437GHz

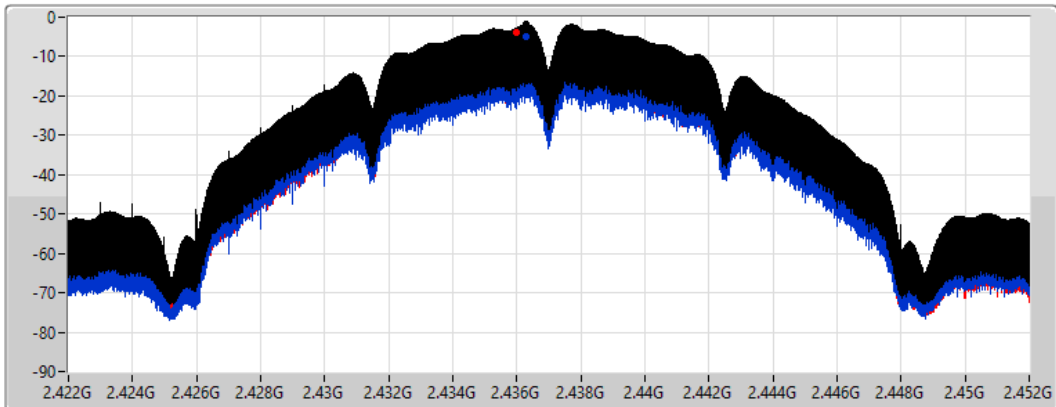
Span  
30MHz


RBW  
3kHz


VBW  
10kHz


Sweep Time  
4.424357ms

Detector Type  
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.62	-1.62	-4.97	-4.02

### 802.11b\_Nss1,(1Mbps)\_2TX

### PSD

2462MHz

29/07/2021

CF  
2.462GHz

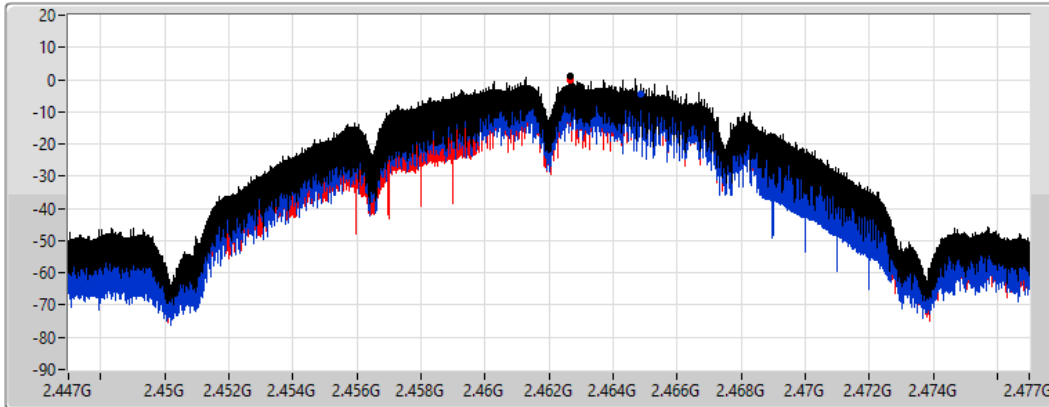
Span  
30MHz


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)
1.01	1.01	-4.44	-0.26

### 802.11g\_Nss1,(6Mbps)\_2TX

### PSD

2412MHz

29/07/2021

CF  
2.412GHz

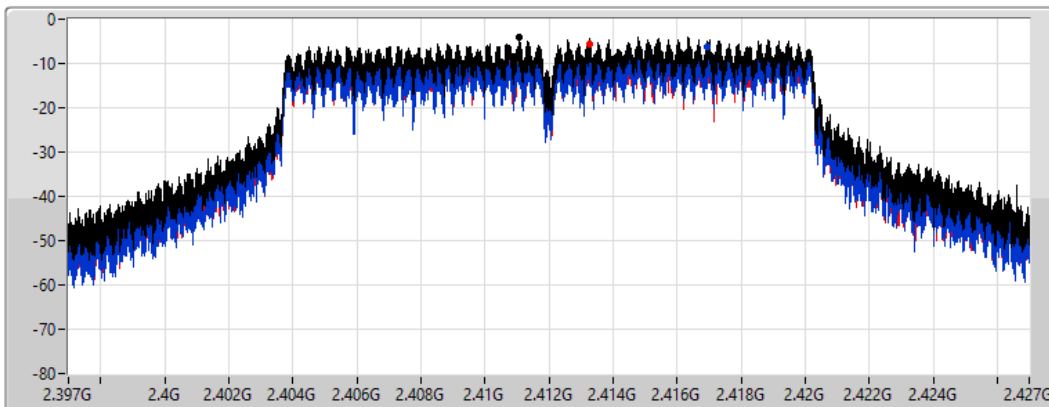
Span  
30MHz


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)
-4.05	-4.05	-6.34	-5.70

### 802.11g\_Nss1,(6Mbps)\_2TX

### PSD

2437MHz

29/07/2021

CF  
2.437GHz

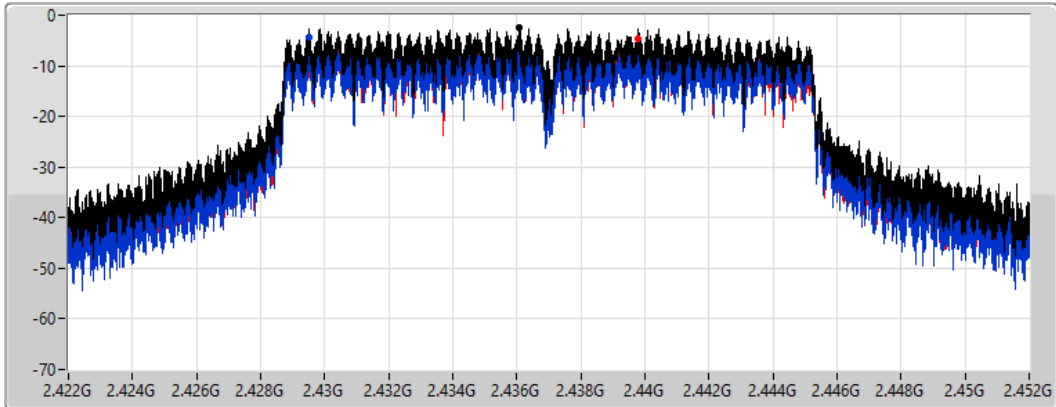
Span  
30MHz


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)
-2.44	-2.44	-4.32	-4.67

### 802.11g\_Nss1,(6Mbps)\_2TX

### PSD

2462MHz

29/07/2021

CF  
2.462GHz

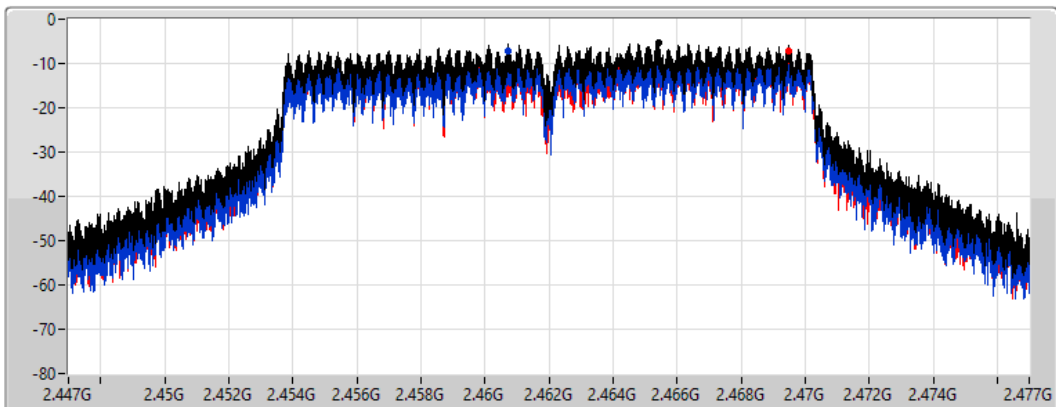
Span  
30MHz


RBW  
3kHz


VBW  
10kHz


Sweep Time  
4.424357ms

Detector Type  
Peak



Sum 

Port 1 

Port 2 

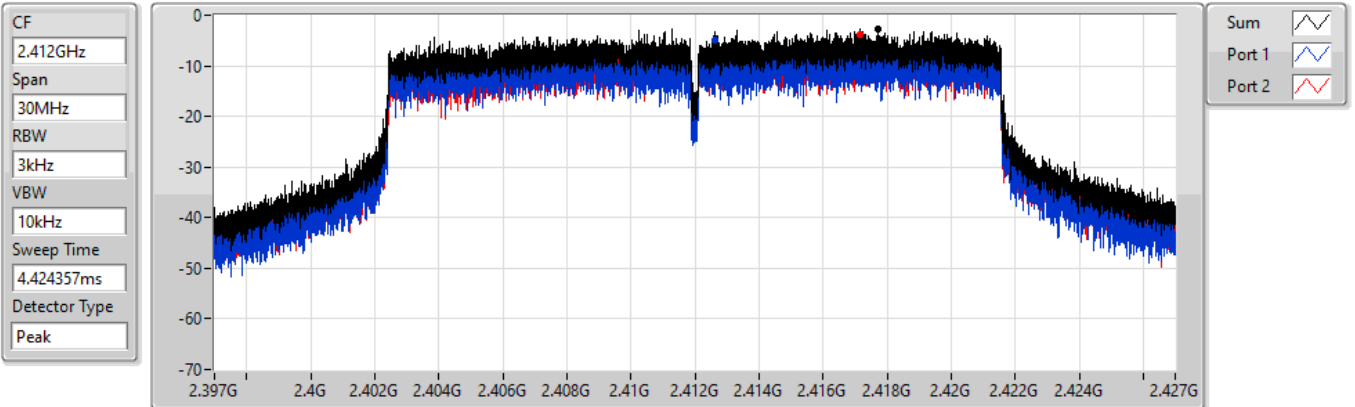
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.25	-5.25	-7.27	-7.04

### 802.11ax HEW20\_Nss1,(MCS0)\_2TX

### PSD

#### 2412MHz

29/07/2021



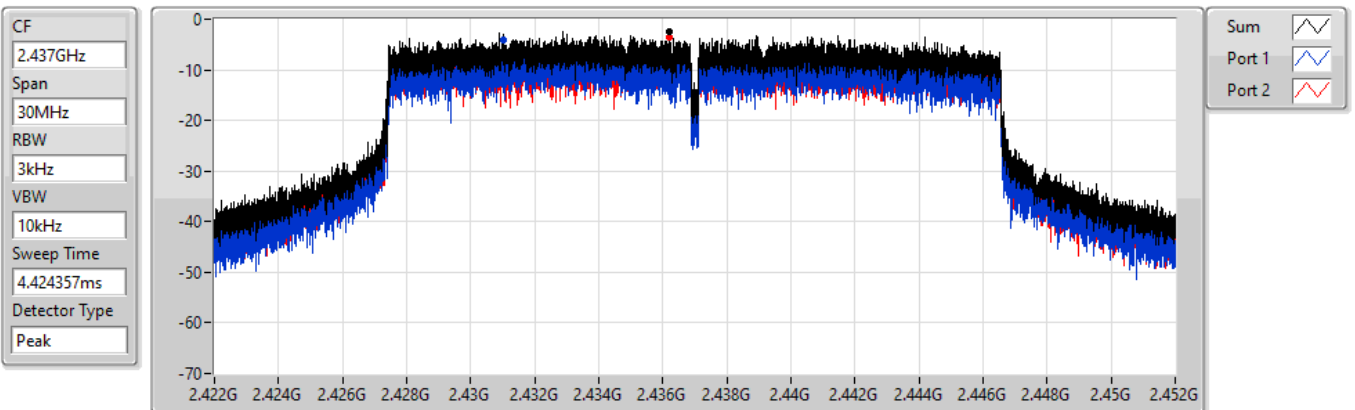
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.66	-2.66	-4.97	-3.75

### 802.11ax HEW20\_Nss1,(MCS0)\_2TX

### PSD

#### 2437MHz

29/07/2021



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.38	-2.38	-4.13	-3.51

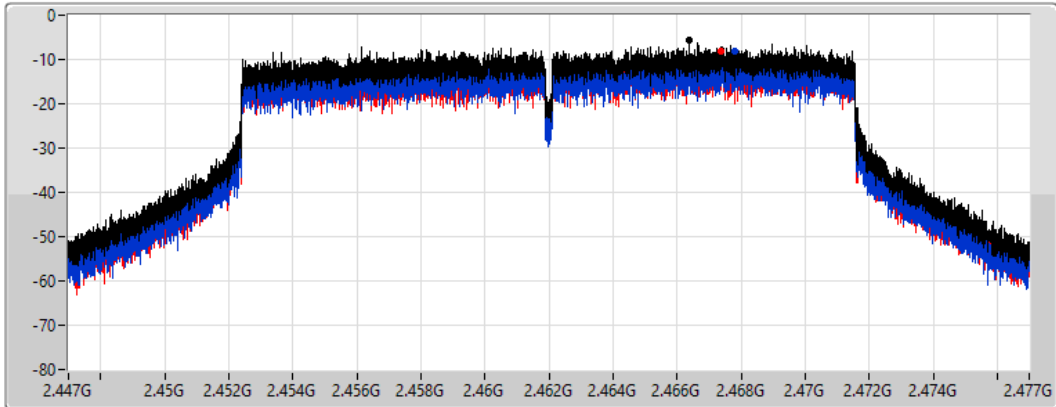
### 802.11ax HEW20\_Nss1,(MCS0)\_2TX




PSD

2462MHz

29/07/2021

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)
-5.64	-5.64	-8.06	-7.97

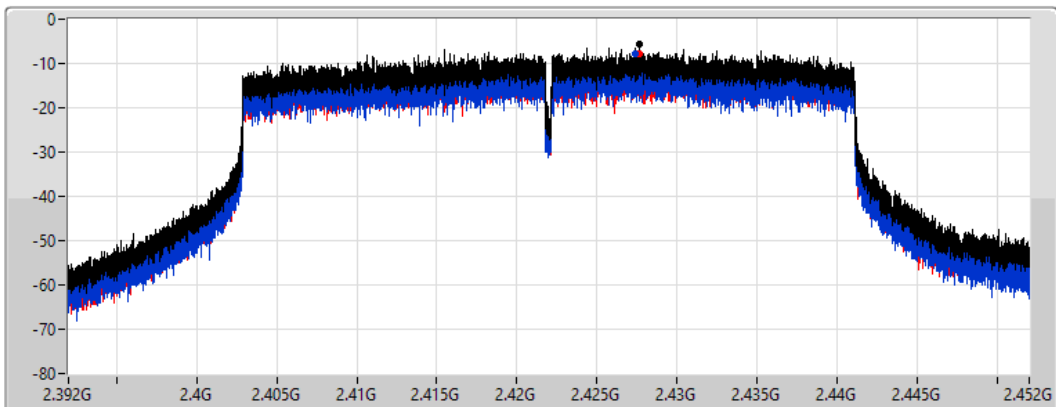
### 802.11ax HEW40\_Nss1,(MCS0)\_2TX




PSD

2422MHz

29/07/2021

CF  
2.422GHz  
Span  
60MHz  
RBW  
3kHz  
VBW  
10kHz  
Sweep Time  
8.848933ms  
Detector Type  
Peak



Sum   
Port 1   
Port 2 

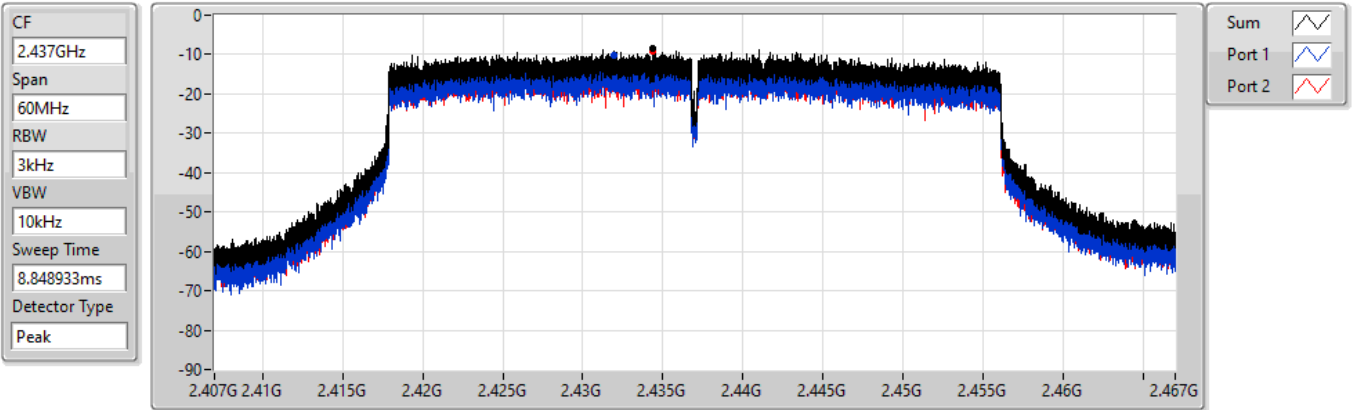
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.78	-5.78	-7.86	-7.75

### 802.11ax HEW40\_Nss1,(MCS0)\_2TX

### PSD

2437MHz

29/07/2021



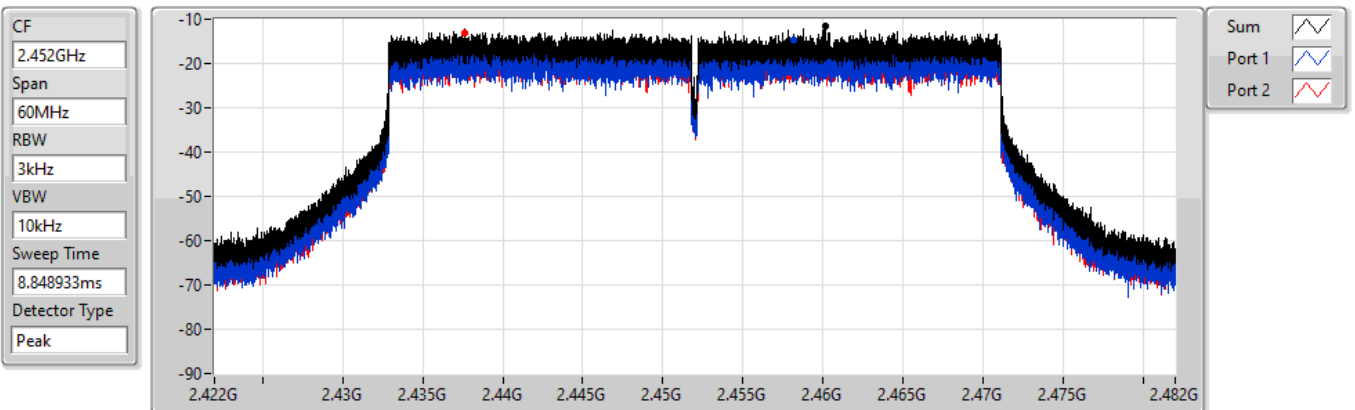
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.51	-8.51	-10.22	-9.20

### 802.11ax HEW40\_Nss1,(MCS0)\_2TX

### PSD

2452MHz

29/07/2021



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.69	-11.69	-14.76	-13.00



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	-4.51
802.11g_Nss1,(6Mbps)_2TX	-6.88
802.11ax HEW20_Nss1,(MCS0)_2TX	-5.64
802.11ax HEW40_Nss1,(MCS0)_2TX	-9.75

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	14.00	-6.21	-8.19	-4.51	0.00
2437MHz	Pass	14.00	-8.32	-5.98	-5.14	0.00
2462MHz	Pass	14.00	-6.59	-6.95	-5.00	0.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	14.00	-10.57	-8.33	-7.36	0.00
2437MHz	Pass	14.00	-9.00	-9.47	-7.06	0.00
2462MHz	Pass	14.00	-8.68	-10.03	-6.88	0.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	14.00	-8.38	-8.78	-6.62	0.00
2437MHz	Pass	14.00	-7.78	-7.46	-5.64	0.00
2462MHz	Pass	14.00	-9.86	-9.54	-7.78	0.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	14.00	-12.31	-12.20	-10.43	0.00
2437MHz	Pass	14.00	-11.21	-11.25	-9.75	0.00
2452MHz	Pass	14.00	-14.66	-15.42	-12.74	0.00

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;

### 802.11b\_Nss1,(1Mbps)\_2TX

### PSD

2412MHz

31/07/2021

CF  
2.412GHz

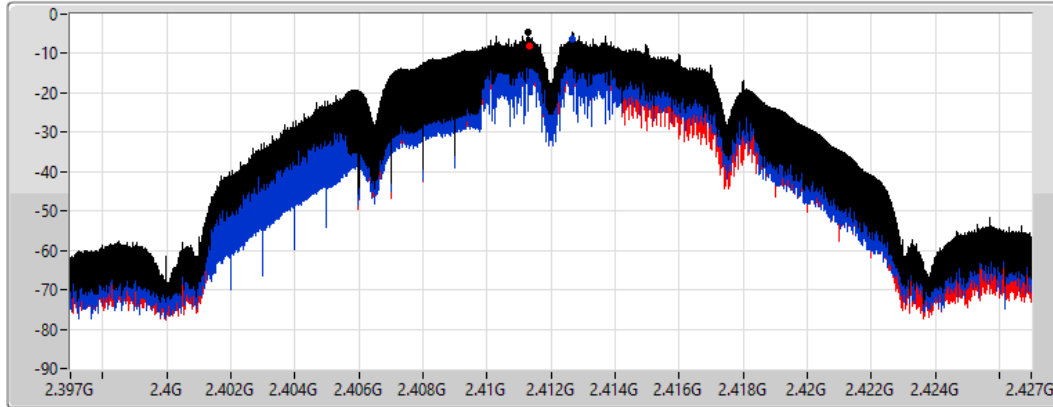
Span  
30MHz


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)
-4.51	-4.51	-6.21	-8.19

### 802.11b\_Nss1,(1Mbps)\_2TX

### PSD

2437MHz

31/07/2021

CF  
2.437GHz

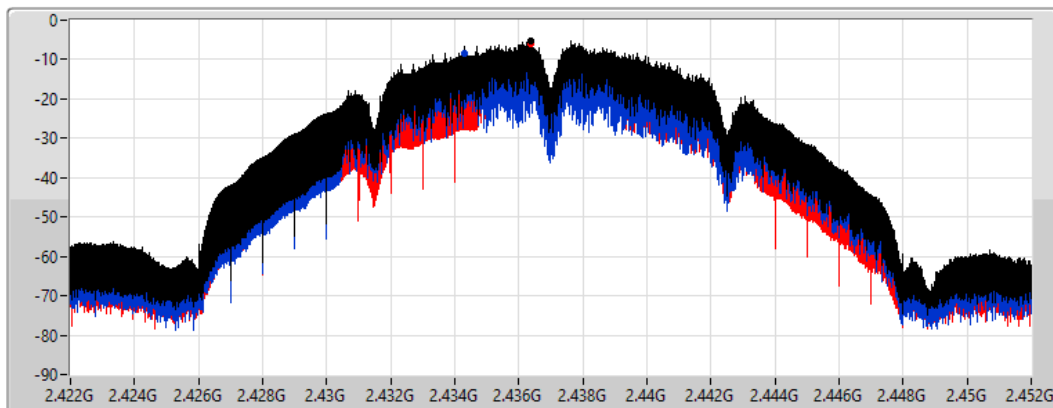
Span  
30MHz


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)
-5.14	-5.14	-8.32	-5.98

### 802.11b\_Nss1,(1Mbps)\_2TX

### PSD

2462MHz

31/07/2021

CF  
2.462GHz

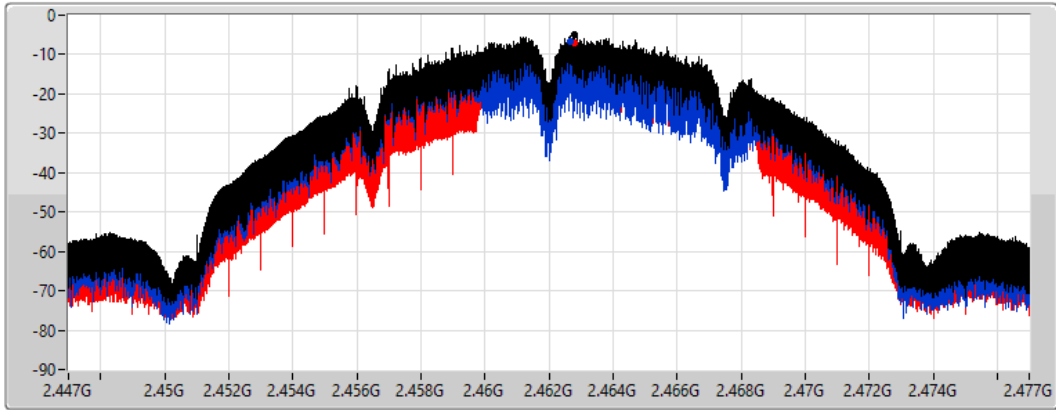
Span  
30MHz


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)
-5.00	-5.00	-6.59	-6.95

### 802.11g\_Nss1,(6Mbps)\_2TX

### PSD

2412MHz

31/07/2021

CF  
2.412GHz

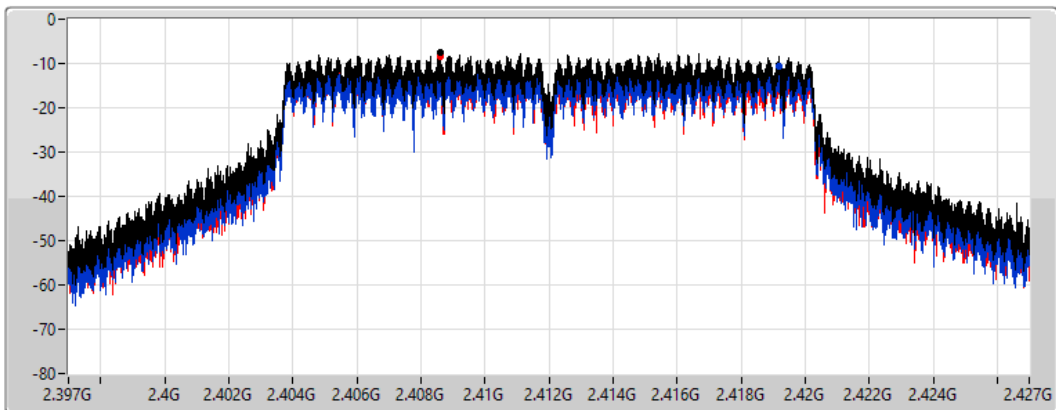
Span  
30MHz


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)
-7.36	-7.36	-10.57	-8.33

### 802.11g\_Nss1,(6Mbps)\_2TX

### PSD

2437MHz

31/07/2021

CF  
2.437GHz

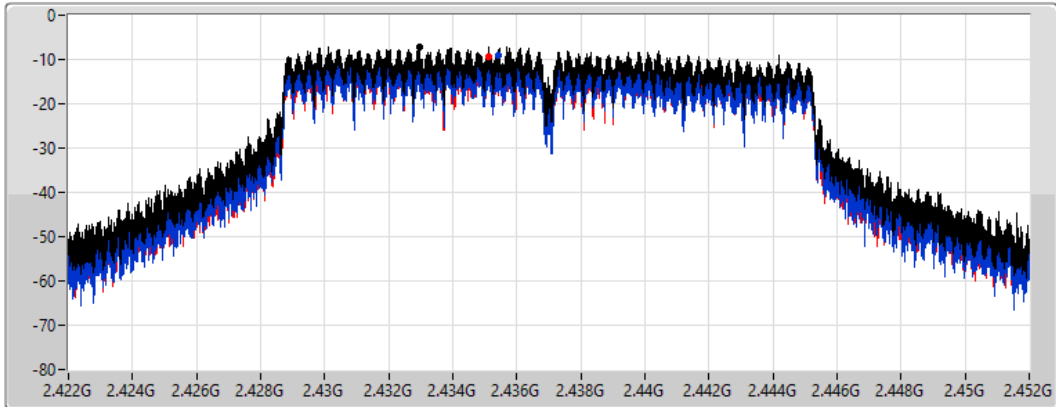
Span  
30MHz


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)
-7.06	-7.06	-9.00	-9.47

### 802.11g\_Nss1,(6Mbps)\_2TX

### PSD

2462MHz

31/07/2021

CF  
2.462GHz

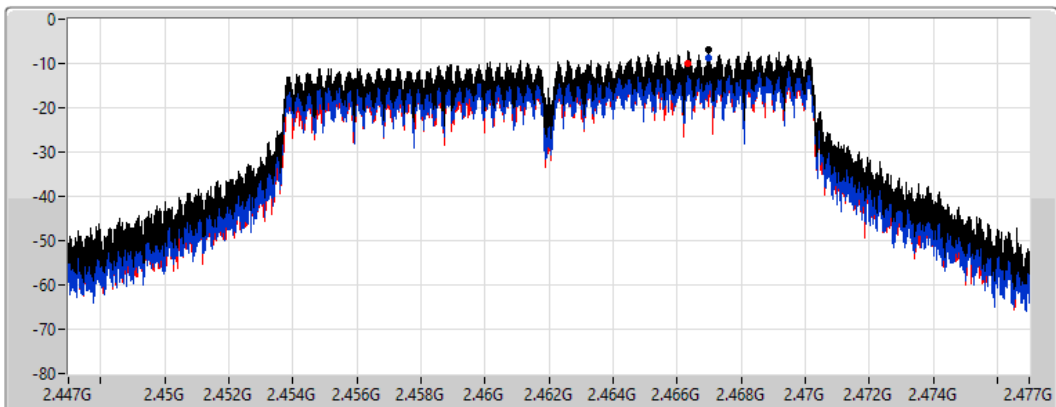
Span  
30MHz


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)
-6.88	-6.88	-8.68	-10.03

### 802.11ax HEW20\_Nss1,(MCS0)\_2TX

### PSD

#### 2412MHz

31/07/2021

CF  
2.412GHz

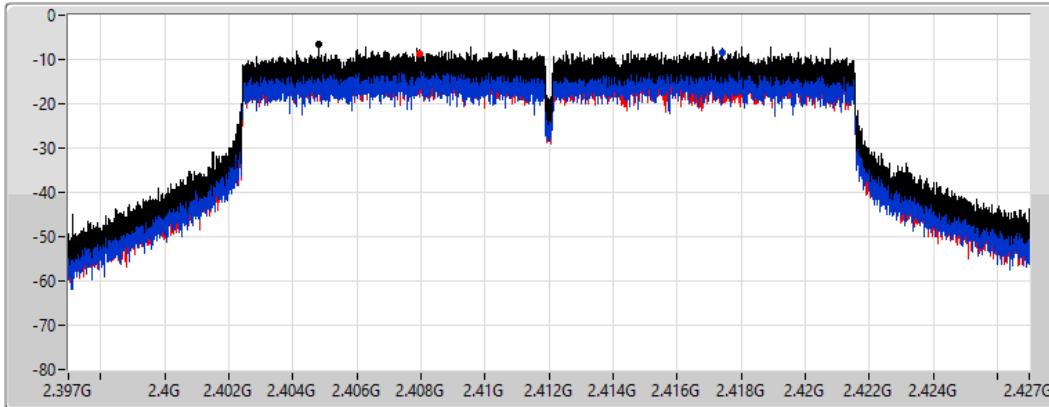
Span  
30MHz


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)
-6.62	-6.62	-8.38	-8.78

### 802.11ax HEW20\_Nss1,(MCS0)\_2TX

### PSD

#### 2437MHz

31/07/2021

CF  
2.437GHz

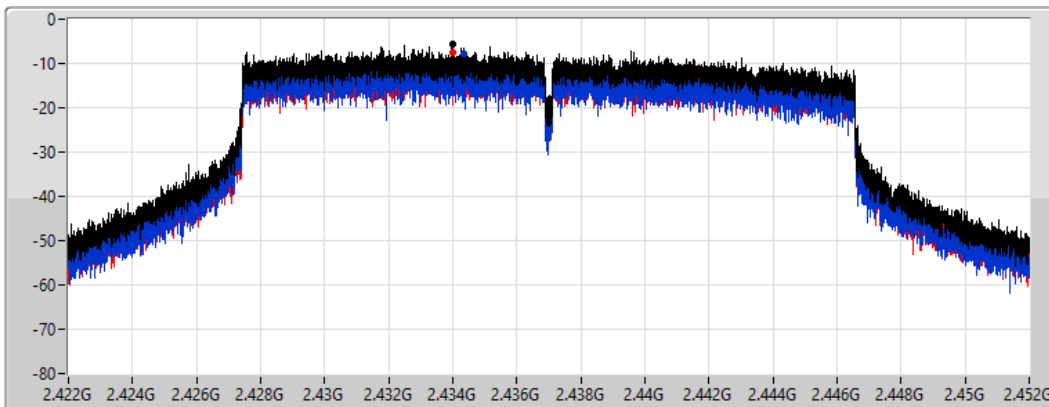
Span  
30MHz


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)
-5.64	-5.64	-7.78	-7.46

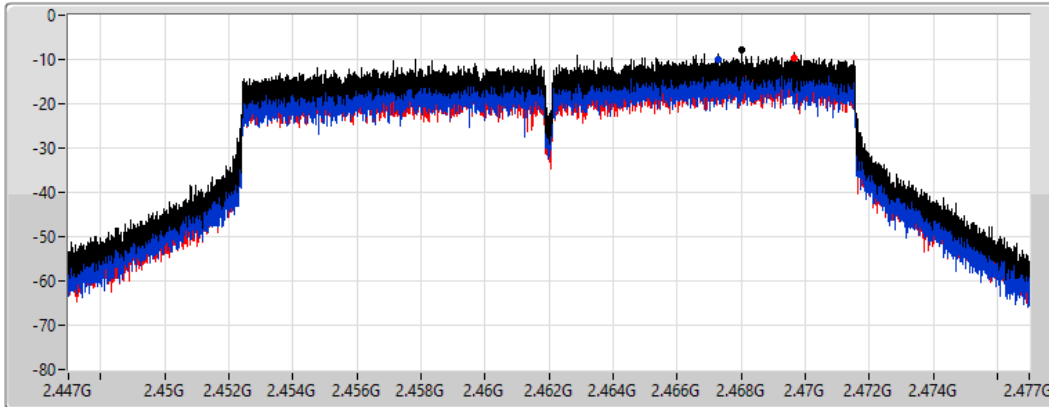
### 802.11ax HEW20\_Nss1,(MCS0)\_2TX




### PSD

2462MHz

31/07/2021

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)
-7.78	-7.78	-9.86	-9.54

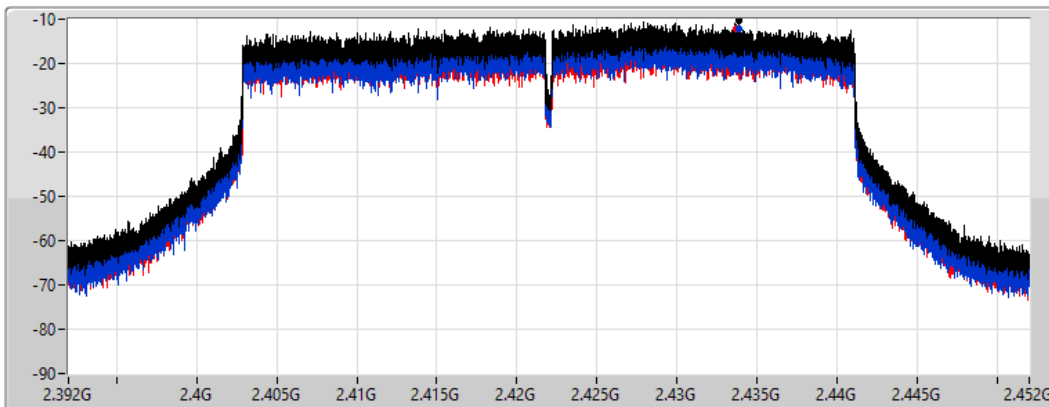
### 802.11ax HEW40\_Nss1,(MCS0)\_2TX




### PSD

2422MHz

31/07/2021

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)
-10.43	-10.43	-12.31	-12.20

### 802.11ax HEW40\_Nss1,(MCS0)\_2TX

### PSD

2437MHz

31/07/2021

CF  
2.437GHz

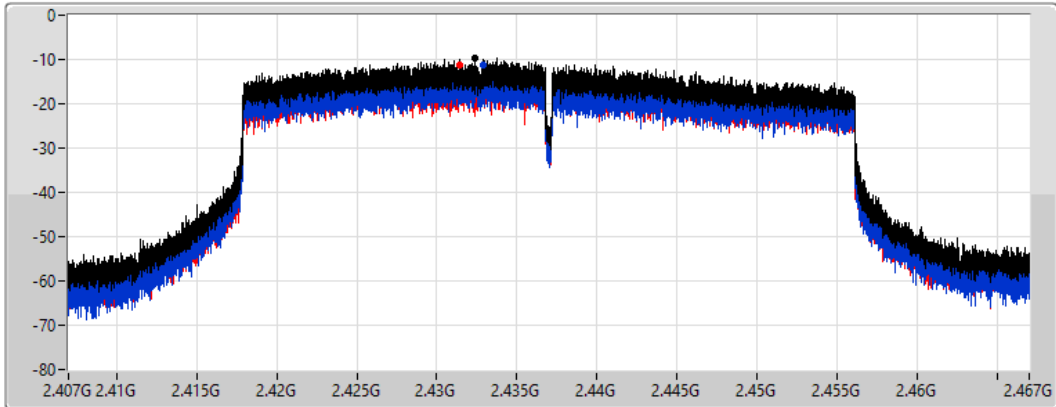
Span  
60MHz


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)
-9.75	-9.75	-11.21	-11.25

### 802.11ax HEW40\_Nss1,(MCS0)\_2TX

### PSD

2452MHz

31/07/2021

CF  
2.452GHz

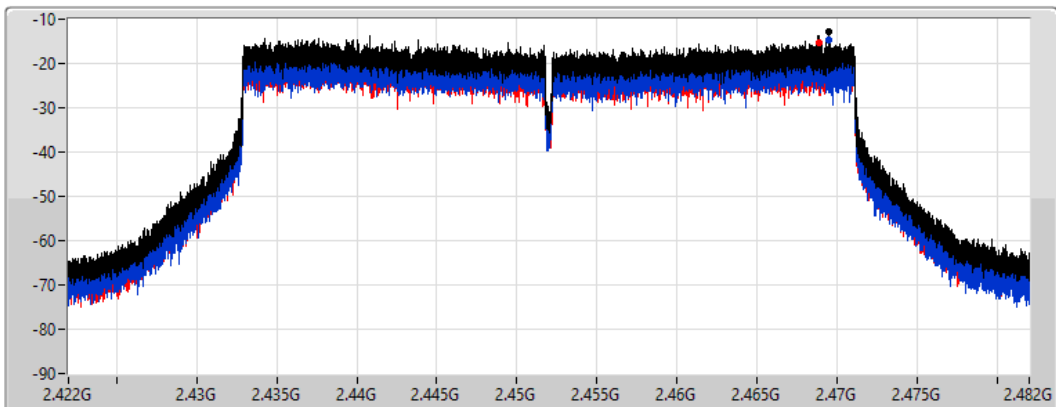
Span  
60MHz


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)
-12.74	-12.74	-14.66	-15.42



Summary

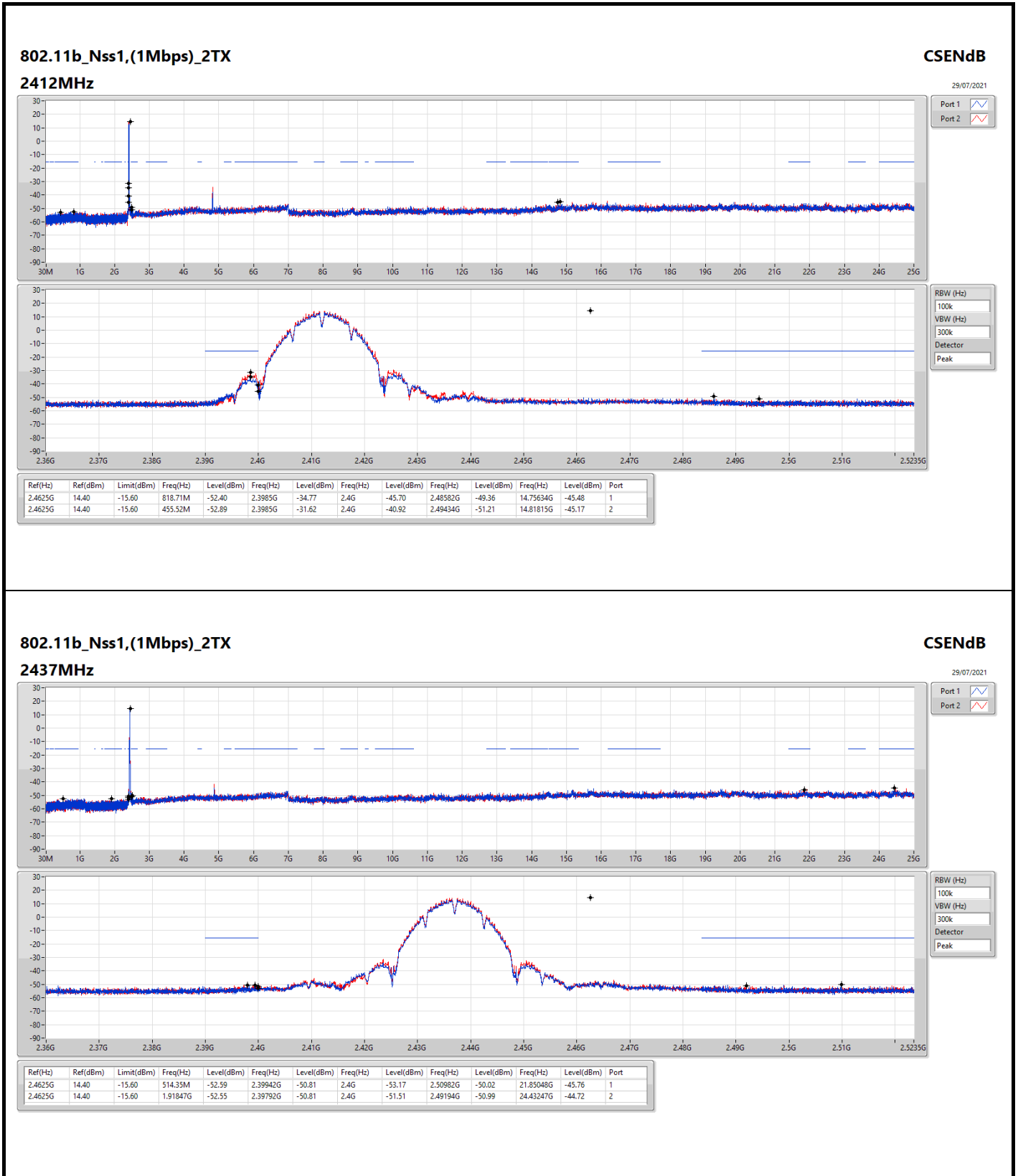
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.4625G	14.40	-15.60	455.52M	-52.89	2.3985G	-31.62	2.4G	-40.92	2.49434G	-51.21	14.81815G	-45.17	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.43198G	13.27	-16.73	2.15787G	-52.73	2.39914G	-23.61	2.4G	-24.26	2.50252G	-50.59	15.18901G	-44.72	2
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	2.43073G	12.93	-17.07	867.64M	-52.52	2.39988G	-18.03	2.4G	-19.14	2.48628G	-50.14	15.18058G	-45.20	2
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	2.41699G	7.36	-22.64	740.47M	-52.14	2.39996G	-27.23	2.4G	-28.50	2.48774G	-50.45	15.18403G	-45.13	2

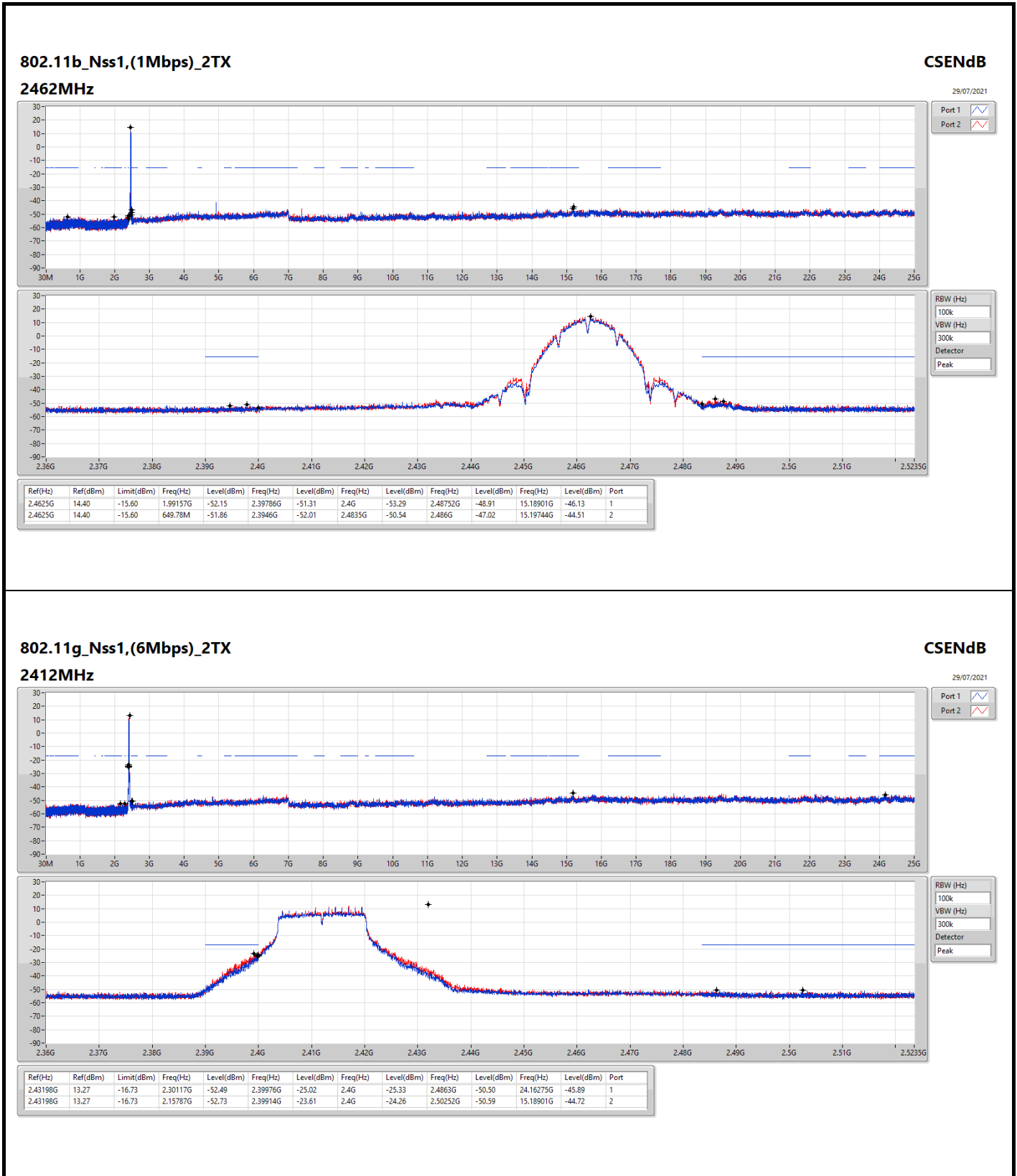


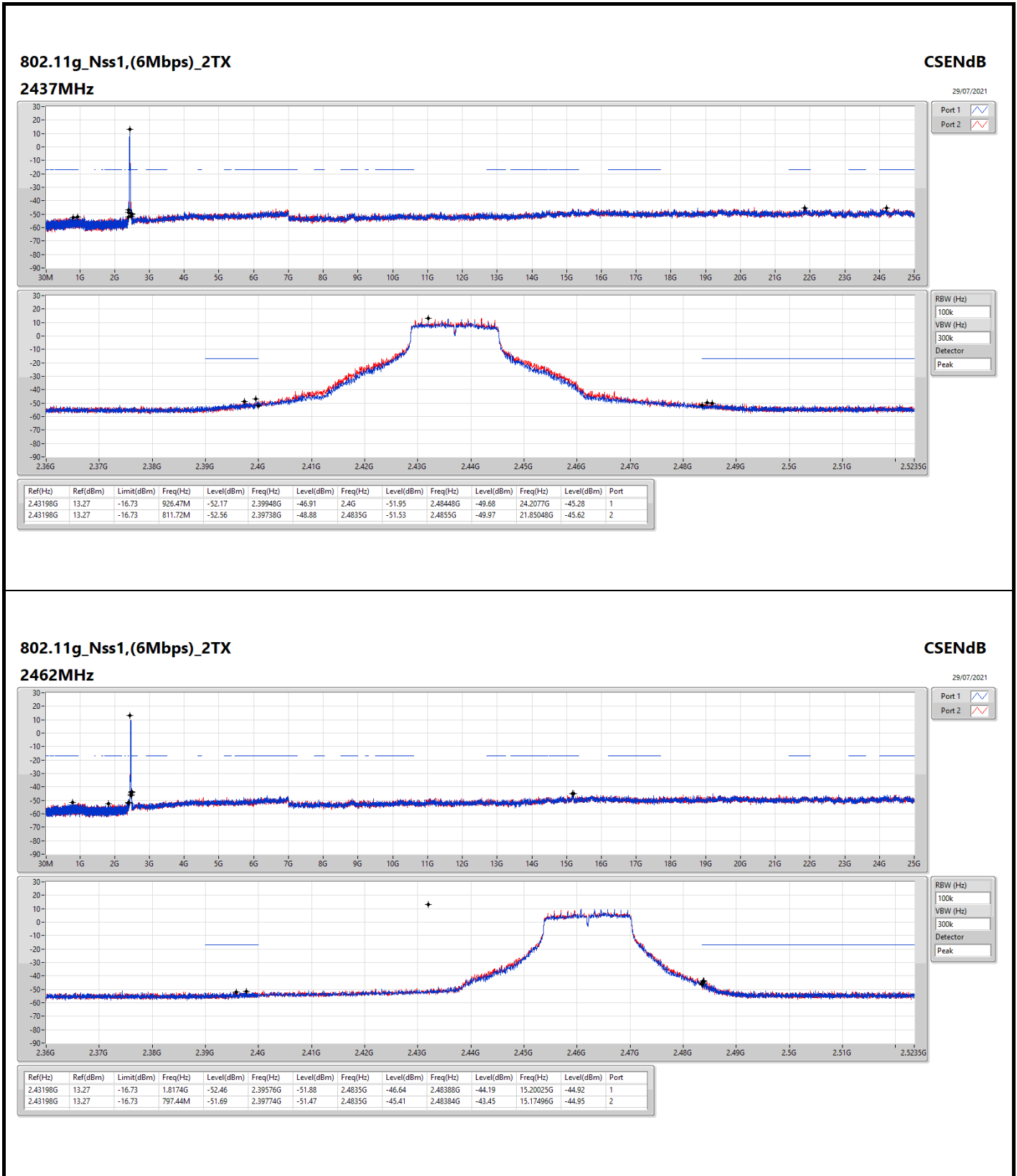


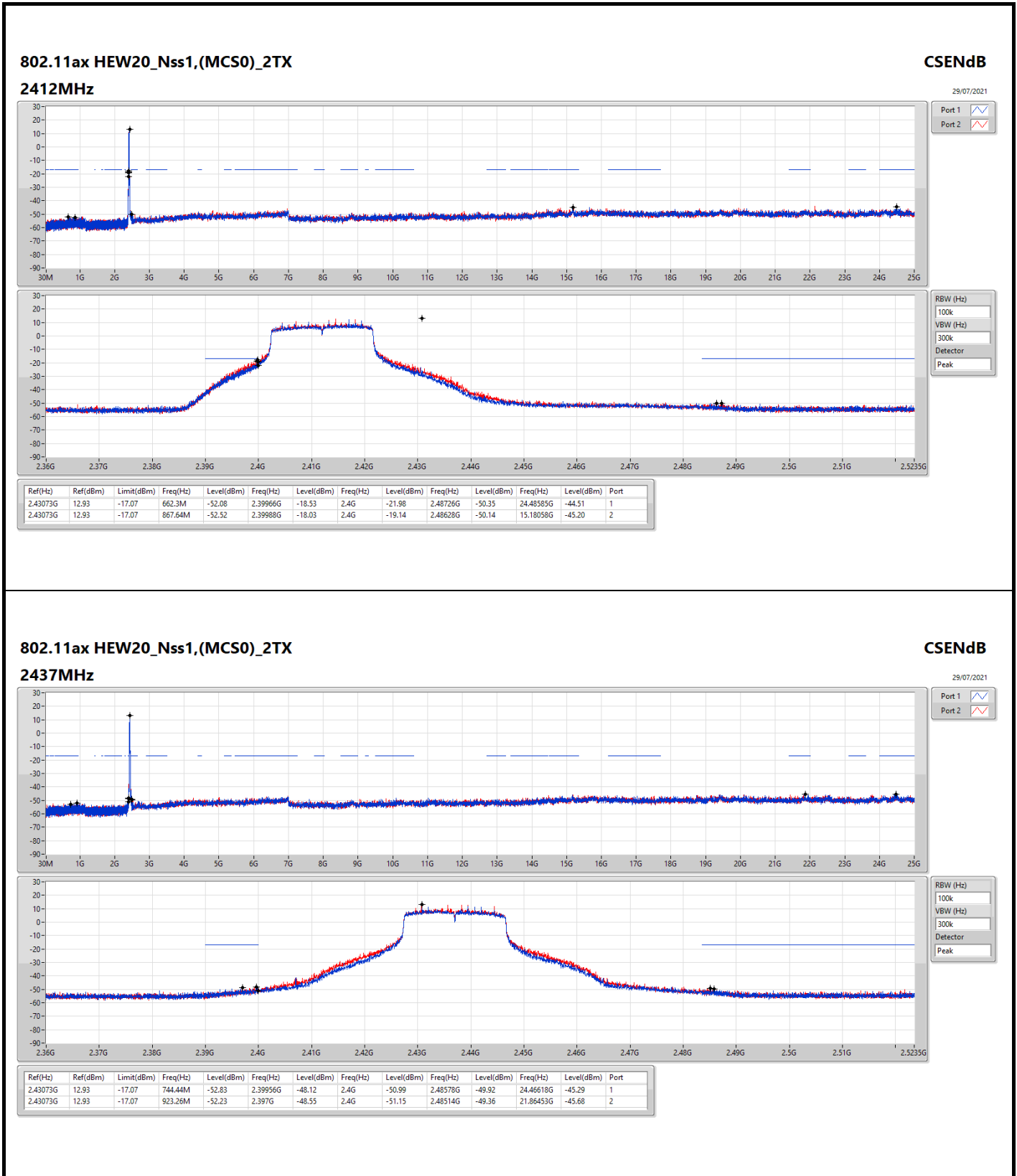
Result

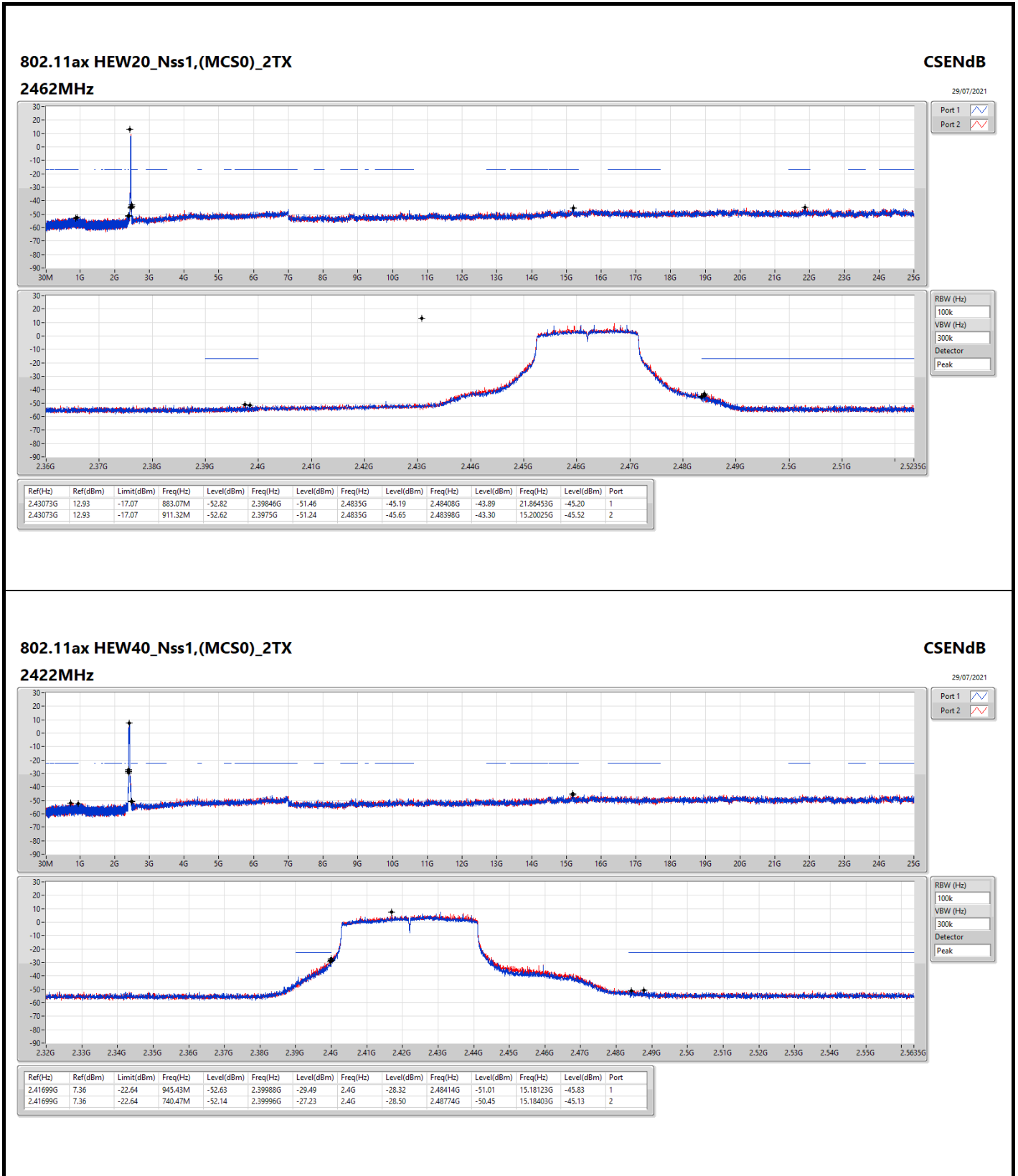
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.4625G	14.40	-15.60	818.71M	-52.40	2.3985G	-34.77	2.4G	-45.70	2.48582G	-49.36	14.75634G	-45.48	1
2412MHz	Pass	2.4625G	14.40	-15.60	455.52M	-52.89	2.3985G	-31.62	2.4G	-40.92	2.49434G	-51.21	14.81815G	-45.17	2
2437MHz	Pass	2.4625G	14.40	-15.60	514.35M	-52.59	2.39942G	-50.81	2.4G	-53.17	2.50982G	-50.02	21.85048G	-45.76	1
2437MHz	Pass	2.4625G	14.40	-15.60	1.91847G	-52.55	2.39792G	-50.81	2.4G	-51.51	2.49194G	-50.99	24.43247G	-44.72	2
2462MHz	Pass	2.4625G	14.40	-15.60	1.99157G	-52.15	2.39786G	-51.31	2.4G	-53.29	2.48752G	-48.91	15.18901G	-46.13	1
2462MHz	Pass	2.4625G	14.40	-15.60	649.78M	-51.86	2.3946G	-52.01	2.4835G	-50.54	2.486G	-47.02	15.19744G	-44.51	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43198G	13.27	-16.73	2.30117G	-52.49	2.39976G	-25.02	2.4G	-25.33	2.4863G	-50.50	24.16275G	-45.89	1
2412MHz	Pass	2.43198G	13.27	-16.73	2.15787G	-52.73	2.39914G	-23.61	2.4G	-24.26	2.50252G	-50.59	15.18901G	-44.72	2
2437MHz	Pass	2.43198G	13.27	-16.73	926.47M	-52.17	2.39948G	-46.91	2.4G	-51.95	2.48448G	-49.68	24.2077G	-45.28	1
2437MHz	Pass	2.43198G	13.27	-16.73	811.72M	-52.56	2.39738G	-48.88	2.4835G	-51.53	2.4855G	-49.97	21.85048G	-45.62	2
2462MHz	Pass	2.43198G	13.27	-16.73	1.8174G	-52.46	2.39576G	-51.88	2.4835G	-46.64	2.48388G	-44.19	15.20025G	-44.92	1
2462MHz	Pass	2.43198G	13.27	-16.73	797.44M	-51.69	2.39774G	-51.47	2.4835G	-45.41	2.48384G	-43.45	15.17496G	-44.95	2
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43073G	12.93	-17.07	662.3M	-52.08	2.39966G	-18.53	2.4G	-21.98	2.48726G	-50.35	24.48585G	-44.51	1
2412MHz	Pass	2.43073G	12.93	-17.07	867.64M	-52.52	2.39988G	-18.03	2.4G	-19.14	2.48628G	-50.14	15.18058G	-45.20	2
2437MHz	Pass	2.43073G	12.93	-17.07	744.44M	-52.83	2.39956G	-48.12	2.4G	-50.99	2.48578G	-49.92	24.46618G	-45.29	1
2437MHz	Pass	2.43073G	12.93	-17.07	923.26M	-52.23	2.397G	-48.55	2.4G	-51.15	2.48514G	-49.36	21.86453G	-45.68	2
2462MHz	Pass	2.43073G	12.93	-17.07	883.07M	-52.82	2.39846G	-51.46	2.4835G	-45.19	2.48408G	-43.89	21.86453G	-45.20	1
2462MHz	Pass	2.43073G	12.93	-17.07	911.32M	-52.62	2.3975G	-51.24	2.4835G	-45.65	2.48398G	-43.30	15.20025G	-45.52	2
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.41699G	7.36	-22.64	945.43M	-52.63	2.39988G	-29.49	2.4G	-28.32	2.48414G	-51.01	15.18123G	-45.83	1
2422MHz	Pass	2.41699G	7.36	-22.64	740.47M	-52.14	2.39996G	-27.23	2.4G	-28.50	2.48774G	-50.45	15.18403G	-45.13	2
2437MHz	Pass	2.41699G	7.36	-22.64	639.14M	-51.95	2.39784G	-45.05	2.4G	-46.60	2.48434G	-47.26	21.81121G	-45.47	1
2437MHz	Pass	2.41699G	7.36	-22.64	704.98M	-52.44	2.399G	-45.71	2.4G	-45.15	2.48542G	-47.56	24.47274G	-45.45	2
2452MHz	Pass	2.41699G	7.36	-22.64	881.59M	-52.71	2.39392G	-51.90	2.4835G	-49.35	2.48646G	-44.91	21.8056G	-46.06	1
2452MHz	Pass	2.41699G	7.36	-22.64	676.64M	-51.95	2.39832G	-51.51	2.4835G	-46.41	2.48414G	-44.41	15.19525G	-46.03	2

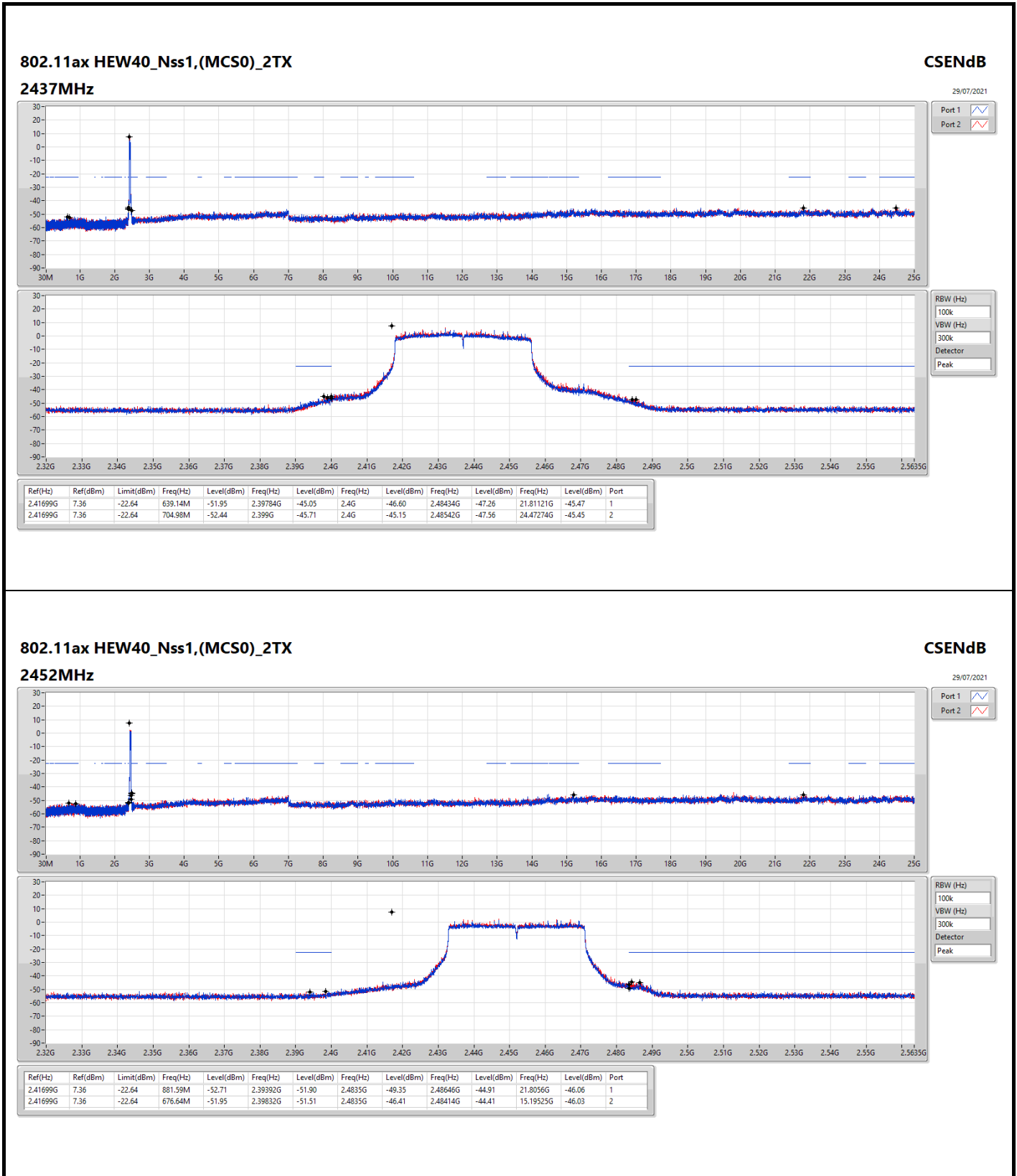












**802.11ax HEW40\_Nss1,(MCS0)\_2TX**

**2452MHz**

**CSENdB**

29/07/2021



Summary

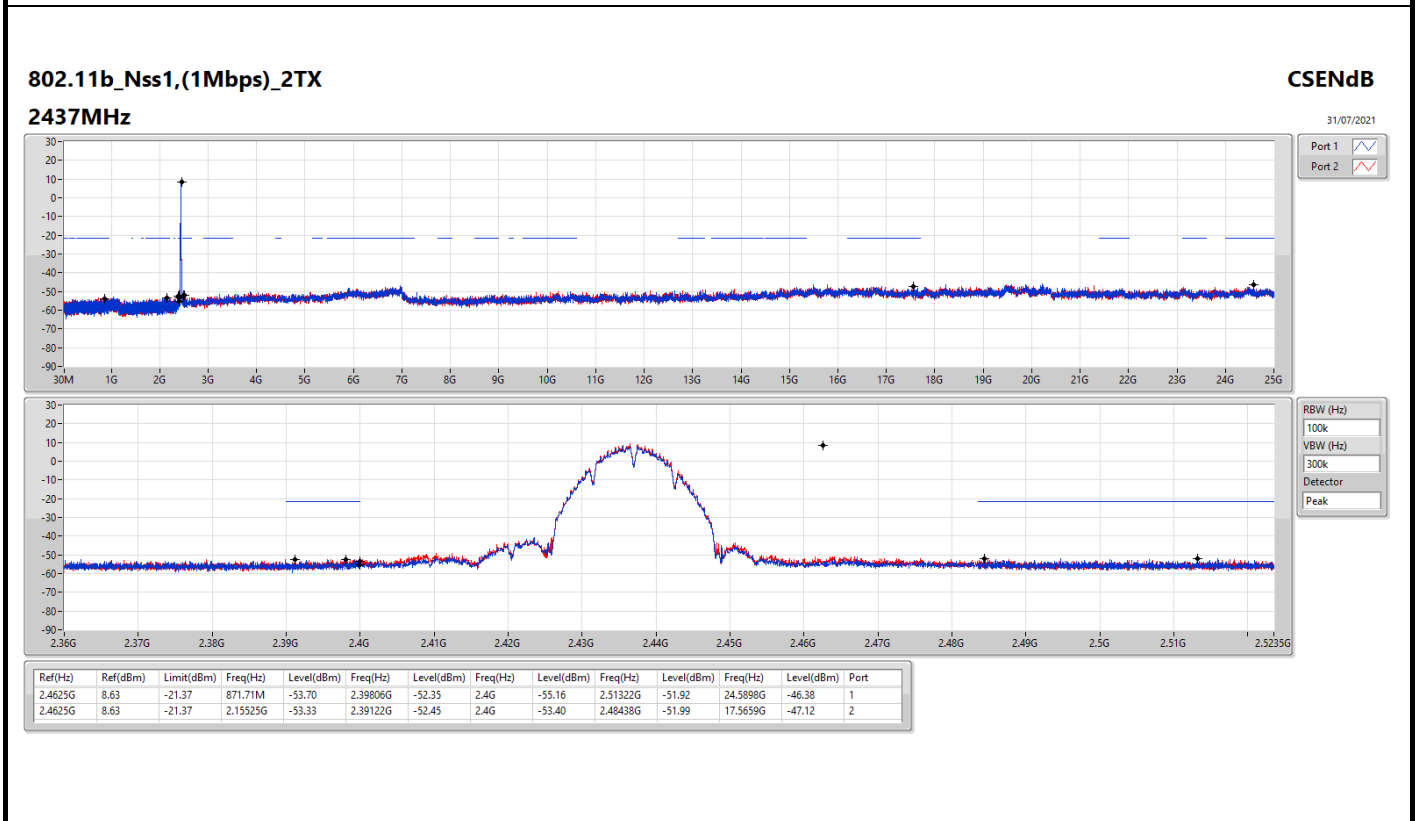
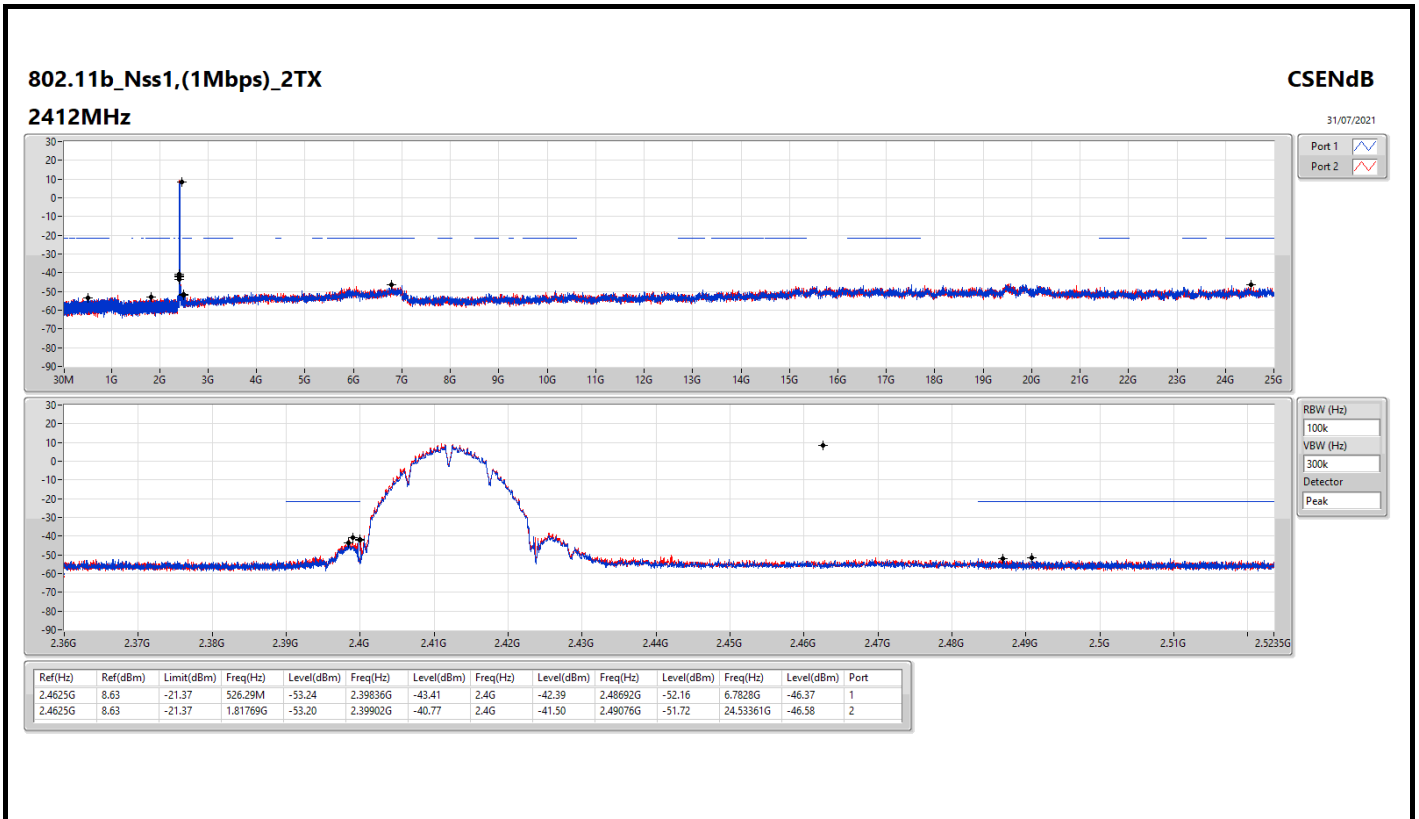
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.4625G	8.63	-21.37	1.81769G	-53.20	2.39902G	-40.77	2.4G	-41.50	2.49076G	-51.72	24.53361G	-46.58	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.43073G	8.52	-21.48	886.57M	-53.43	2.39976G	-27.43	2.4G	-27.87	2.48644G	-51.58	16.4196G	-47.09	1
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	2.43073G	9.05	-20.95	224.26M	-52.82	2.39982G	-24.52	2.4G	-26.36	2.48522G	-52.43	24.40156G	-47.68	2
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	2.42572G	3.92	-26.08	1.81219G	-53.59	2.39988G	-32.49	2.4G	-34.06	2.4877G	-52.21	15.11392G	-46.84	1

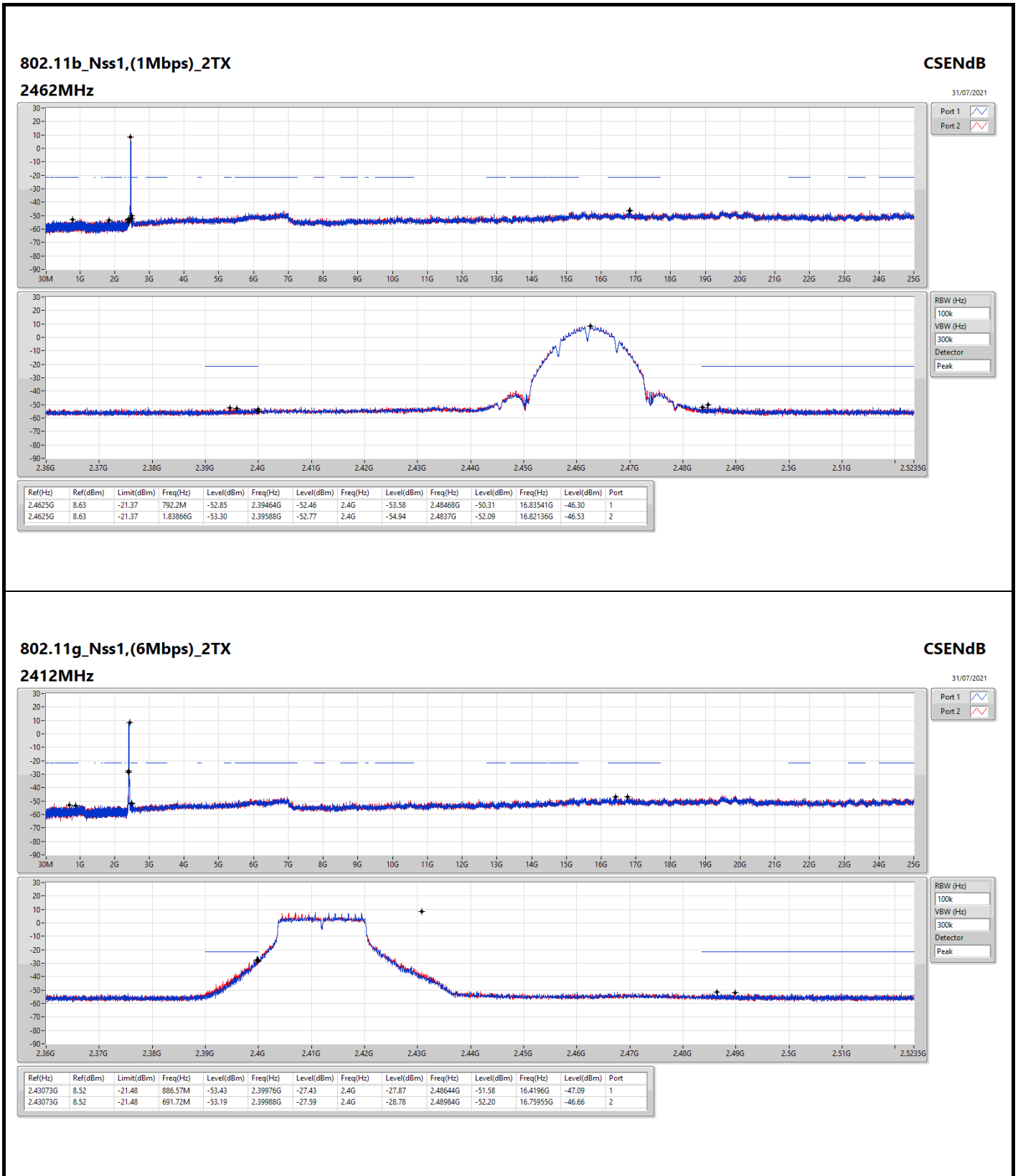


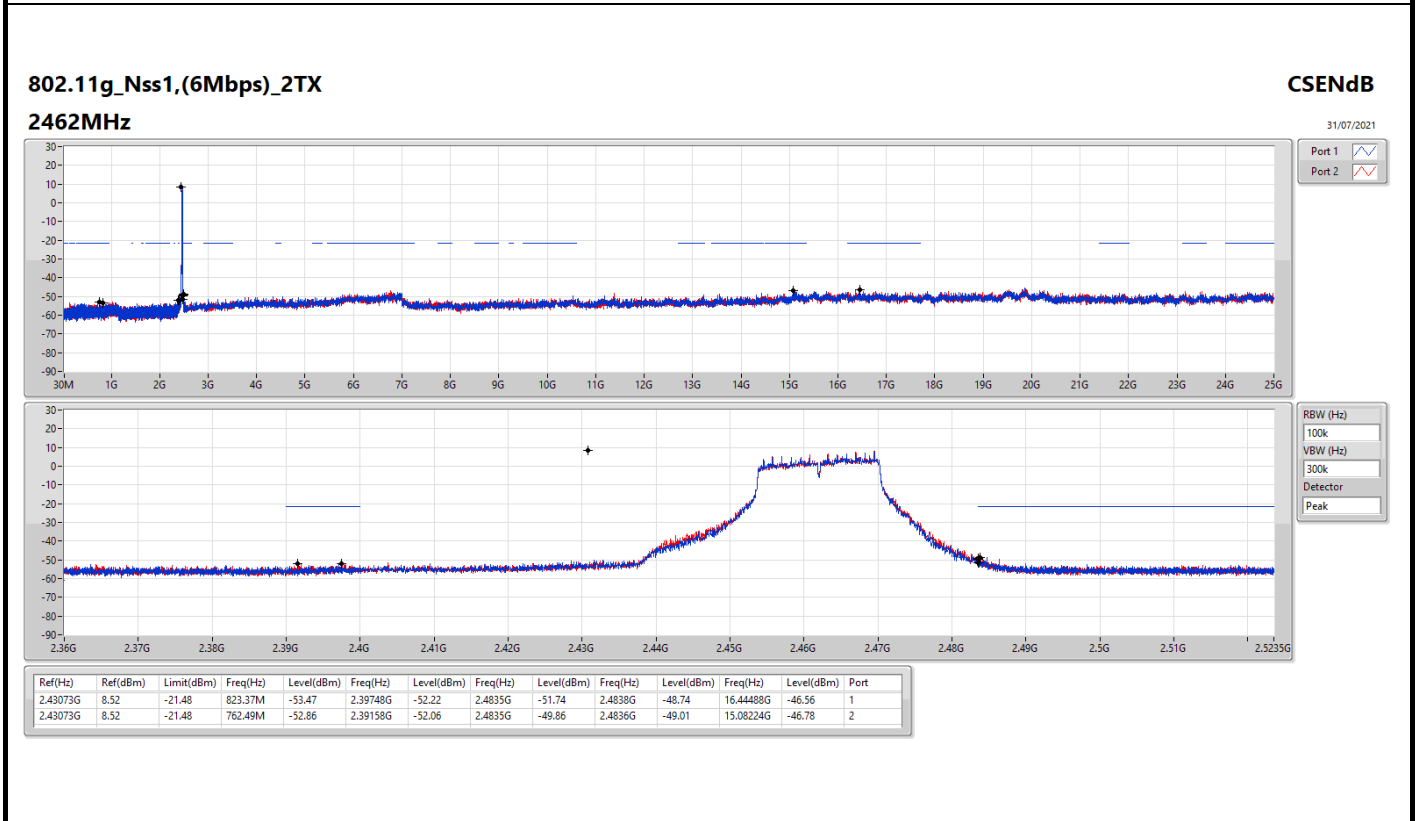
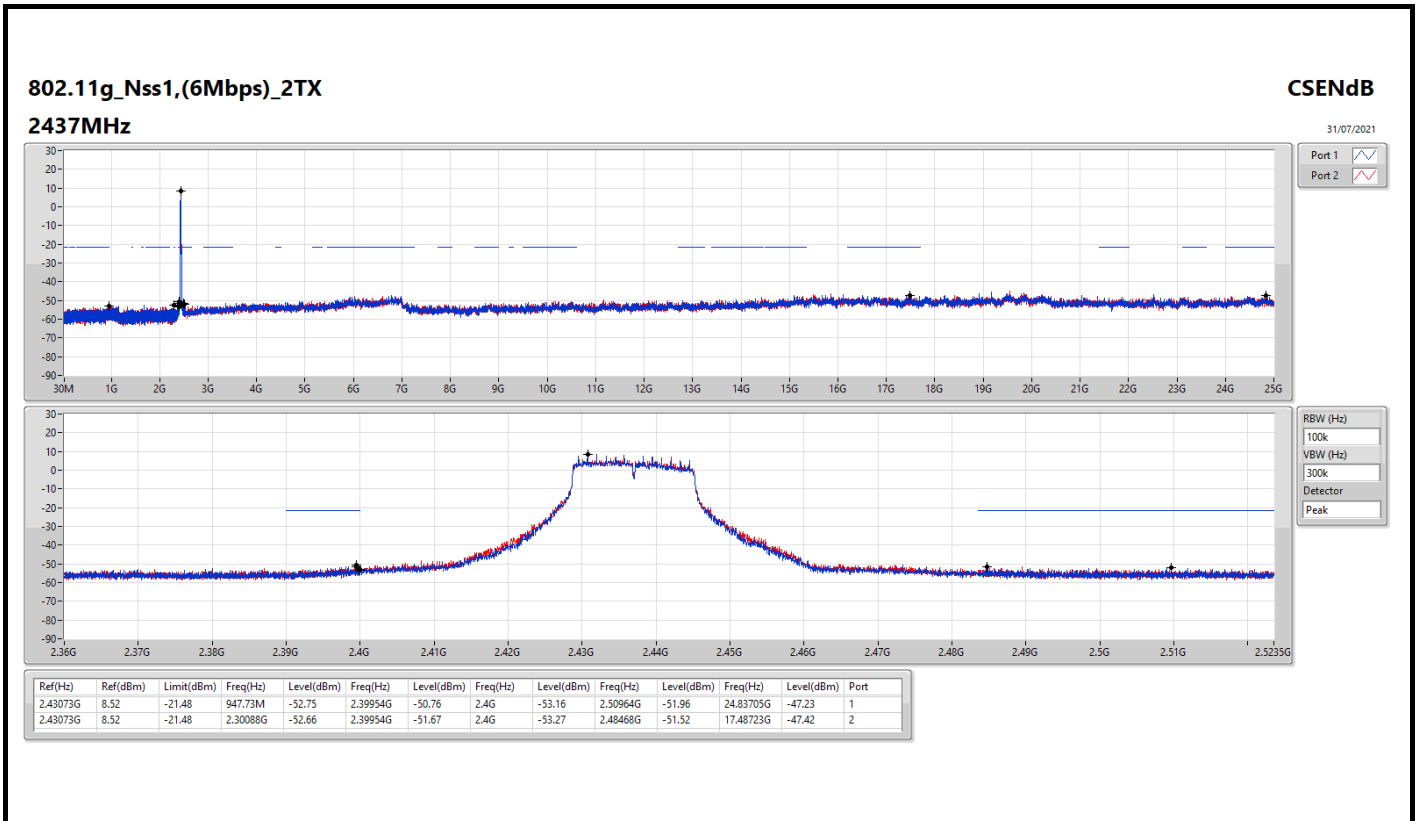


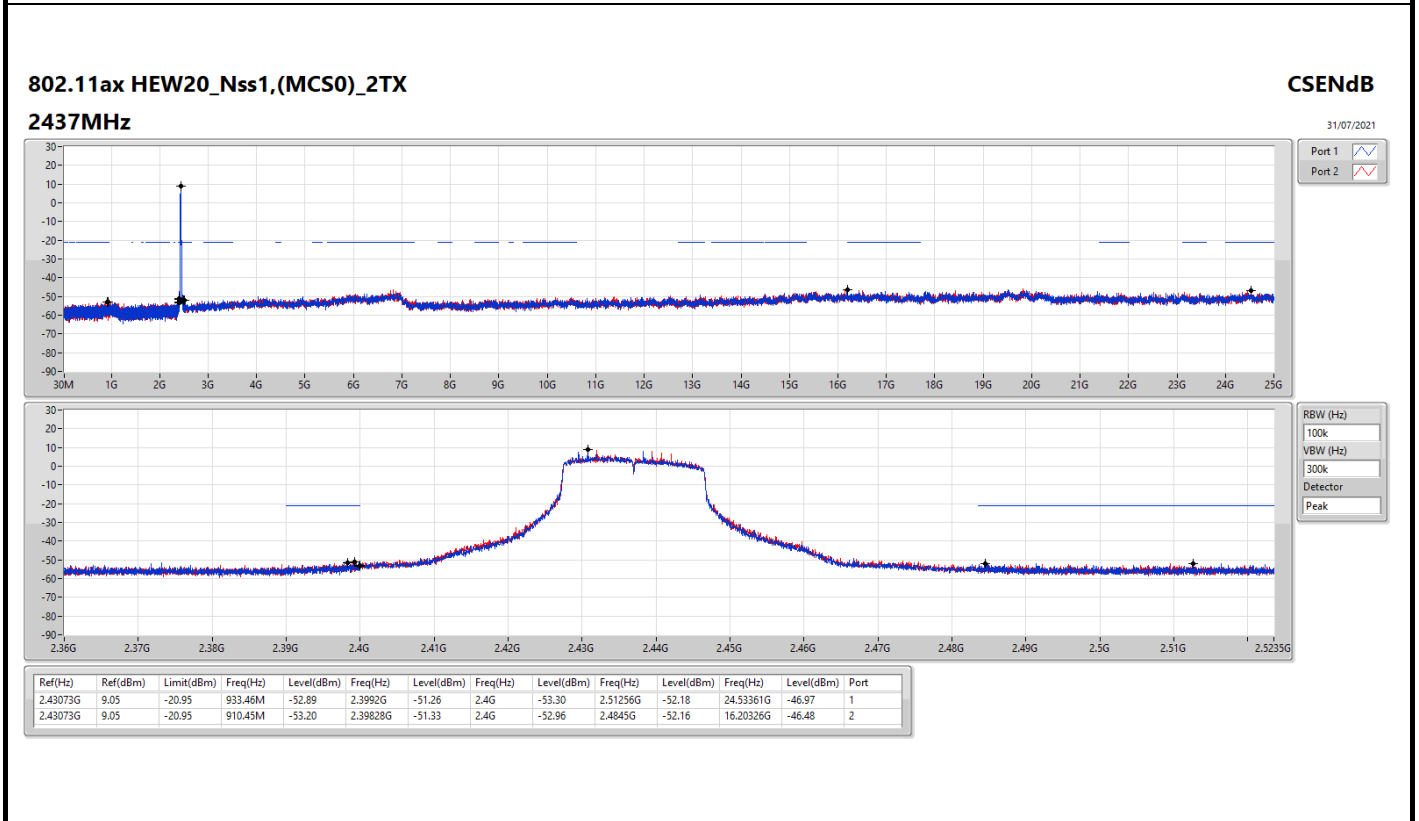
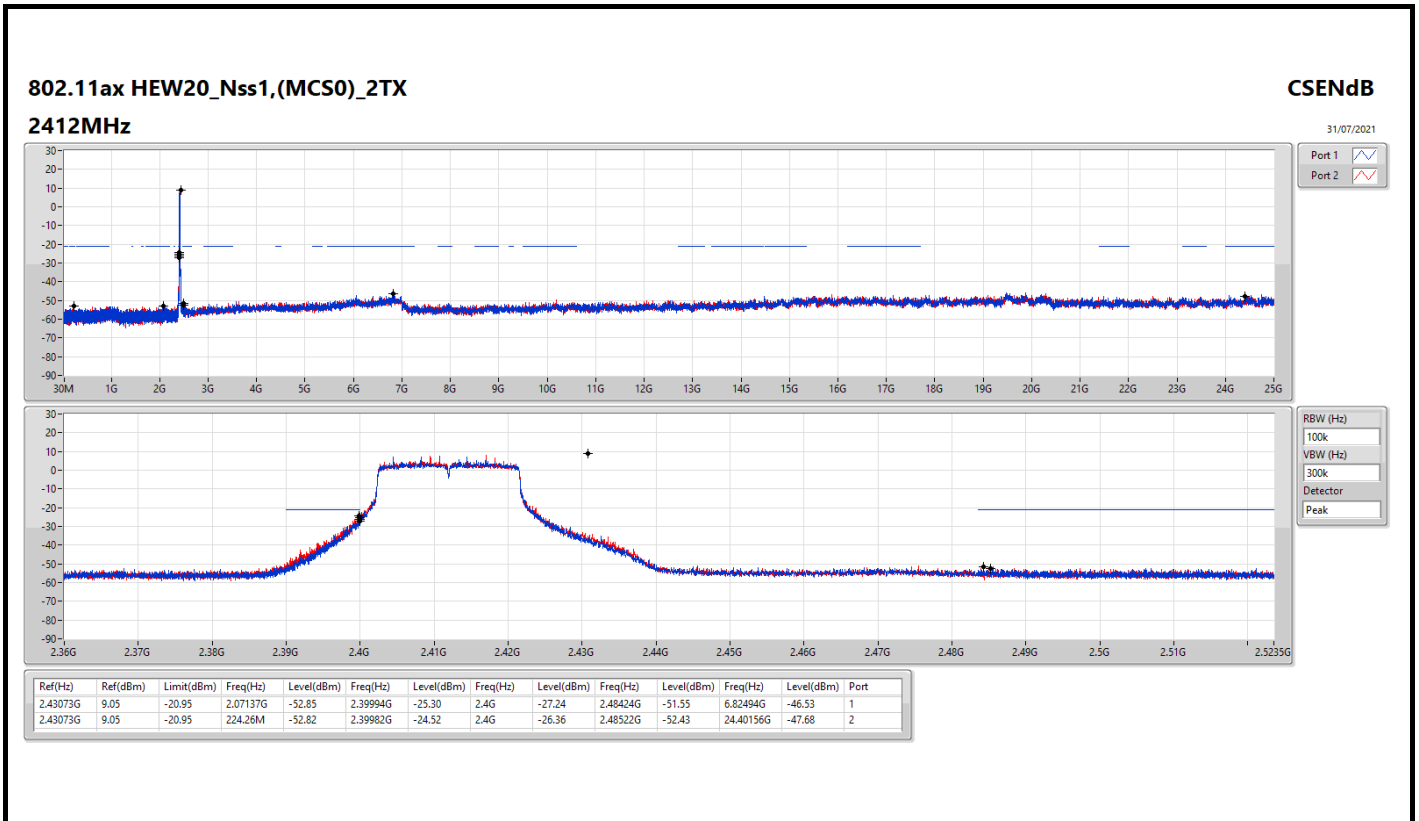
Result

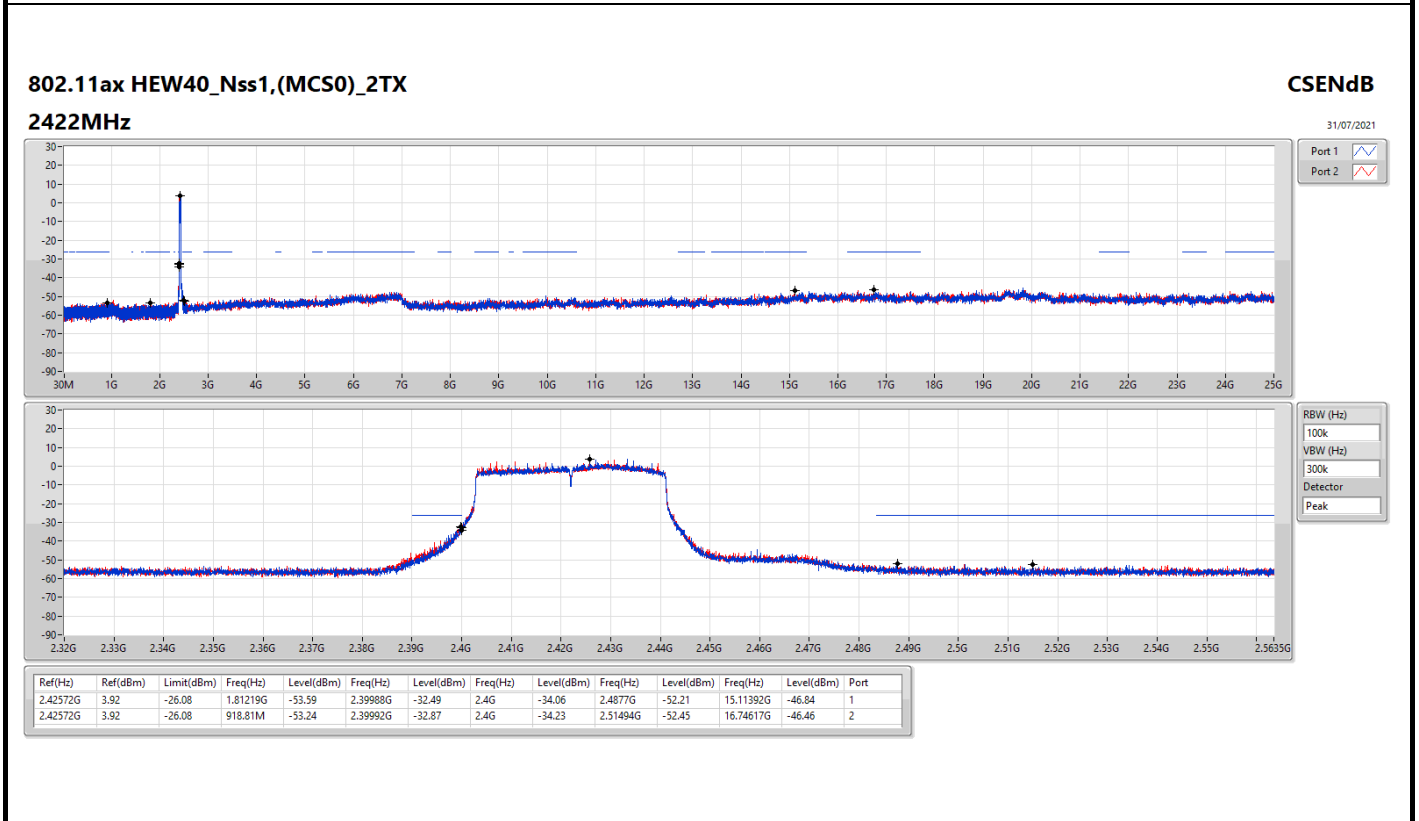
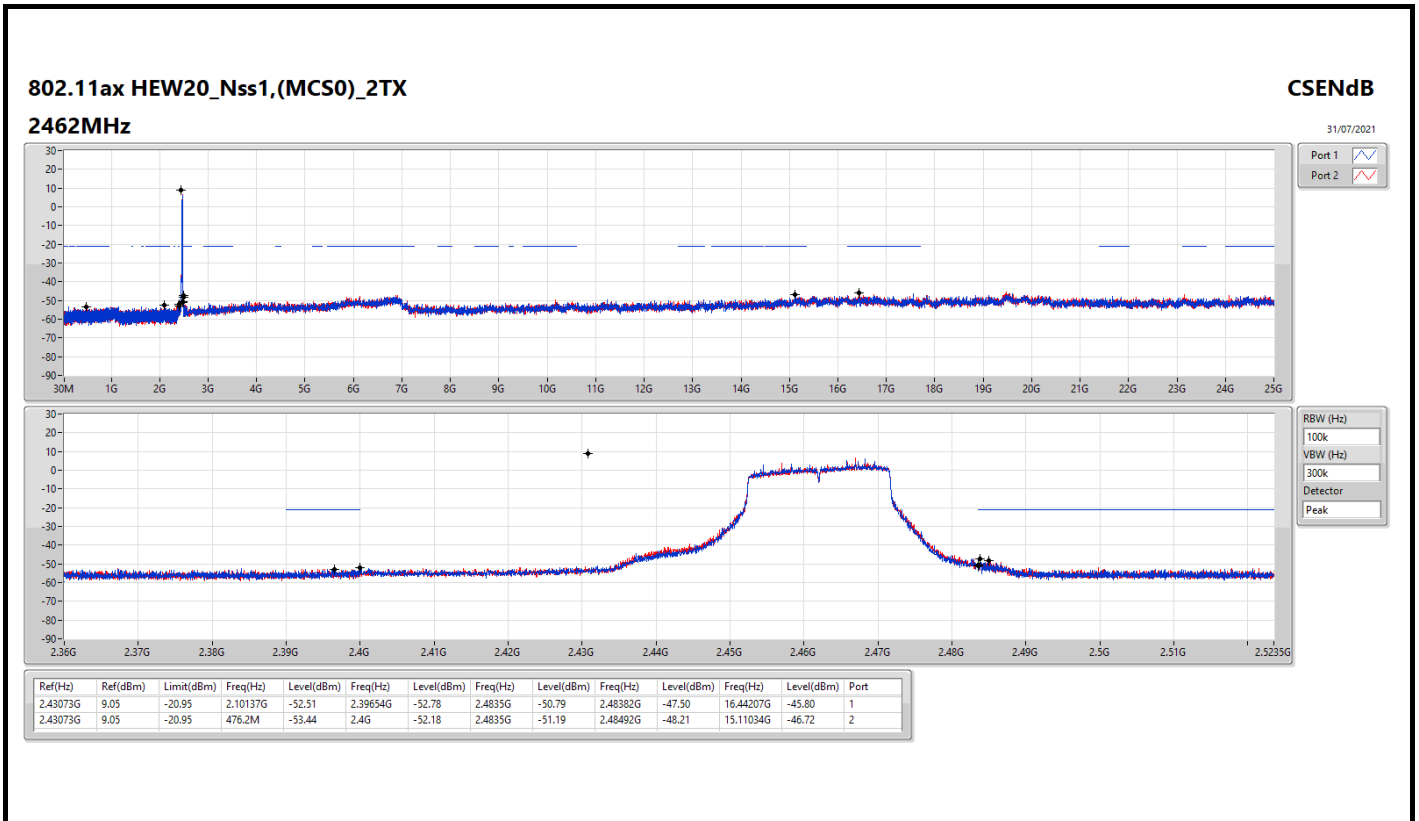
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.4625G	8.63	-21.37	526.29M	-53.24	2.39836G	-43.41	2.4G	-42.39	2.48692G	-52.16	6.7828G	-46.37	1
2412MHz	Pass	2.4625G	8.63	-21.37	1.81769G	-53.20	2.39902G	-40.77	2.4G	-41.50	2.49076G	-51.72	24.53361G	-46.58	2
2437MHz	Pass	2.4625G	8.63	-21.37	871.71M	-53.70	2.39806G	-52.35	2.4G	-55.16	2.51322G	-51.92	24.5898G	-46.38	1
2437MHz	Pass	2.4625G	8.63	-21.37	2.15525G	-53.33	2.39122G	-52.45	2.4G	-53.40	2.48438G	-51.99	17.5659G	-47.12	2
2462MHz	Pass	2.4625G	8.63	-21.37	792.2M	-52.85	2.39464G	-52.46	2.4G	-53.58	2.48468G	-50.31	16.83541G	-46.30	1
2462MHz	Pass	2.4625G	8.63	-21.37	1.83866G	-53.30	2.39588G	-52.77	2.4G	-54.94	2.4837G	-52.09	16.82136G	-46.53	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43073G	8.52	-21.48	886.57M	-53.43	2.39976G	-27.43	2.4G	-27.87	2.48644G	-51.58	16.4196G	-47.09	1
2412MHz	Pass	2.43073G	8.52	-21.48	691.72M	-53.19	2.39988G	-27.59	2.4G	-28.78	2.48984G	-52.20	16.75955G	-46.66	2
2437MHz	Pass	2.43073G	8.52	-21.48	947.73M	-52.75	2.39954G	-50.76	2.4G	-53.16	2.50964G	-51.96	24.83705G	-47.23	1
2437MHz	Pass	2.43073G	8.52	-21.48	2.30088G	-52.66	2.39954G	-51.67	2.4G	-53.27	2.48468G	-51.52	17.48723G	-47.42	2
2462MHz	Pass	2.43073G	8.52	-21.48	823.37M	-53.47	2.39748G	-52.22	2.4835G	-51.74	2.4838G	-48.74	16.44488G	-46.56	1
2462MHz	Pass	2.43073G	8.52	-21.48	762.49M	-52.86	2.39158G	-52.06	2.4835G	-49.86	2.4836G	-49.01	15.08224G	-46.78	2
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43073G	9.05	-20.95	2.07137G	-52.85	2.39994G	-25.30	2.4G	-27.24	2.48424G	-51.55	6.82494G	-46.53	1
2412MHz	Pass	2.43073G	9.05	-20.95	224.26M	-52.82	2.39982G	-24.52	2.4G	-26.36	2.48522G	-52.43	24.40156G	-47.68	2
2437MHz	Pass	2.43073G	9.05	-20.95	933.46M	-52.89	2.3992G	-51.26	2.4G	-53.30	2.51256G	-52.18	24.53361G	-46.97	1
2437MHz	Pass	2.43073G	9.05	-20.95	910.45M	-53.20	2.39828G	-51.33	2.4G	-52.96	2.4845G	-52.16	16.20326G	-46.48	2
2462MHz	Pass	2.43073G	9.05	-20.95	2.10137G	-52.51	2.39654G	-52.78	2.4835G	-50.79	2.48382G	-47.50	16.44207G	-45.80	1
2462MHz	Pass	2.43073G	9.05	-20.95	476.2M	-53.44	2.4G	-52.18	2.4835G	-51.19	2.48492G	-48.21	15.11034G	-46.72	2
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.42572G	3.92	-26.08	1.81219G	-53.59	2.39988G	-32.49	2.4G	-34.06	2.4877G	-52.21	15.11392G	-46.84	1
2422MHz	Pass	2.42572G	3.92	-26.08	918.81M	-53.24	2.39992G	-32.87	2.4G	-34.23	2.51494G	-52.45	16.74617G	-46.46	2
2437MHz	Pass	2.42572G	3.92	-26.08	951.73M	-52.54	2.39972G	-43.60	2.4G	-45.36	2.48446G	-50.05	16.7658G	-46.85	1
2437MHz	Pass	2.42572G	3.92	-26.08	482.28M	-53.53	2.39948G	-39.30	2.4G	-43.26	2.4839G	-47.45	16.54705G	-46.50	2
2452MHz	Pass	2.42572G	3.92	-26.08	877.01M	-53.57	2.39712G	-52.68	2.4835G	-51.72	2.4873G	-46.78	6.79839G	-47.05	1
2452MHz	Pass	2.42572G	3.92	-26.08	465.39M	-52.94	2.3998G	-52.42	2.4835G	-50.45	2.4859G	-47.79	16.72654G	-46.82	2

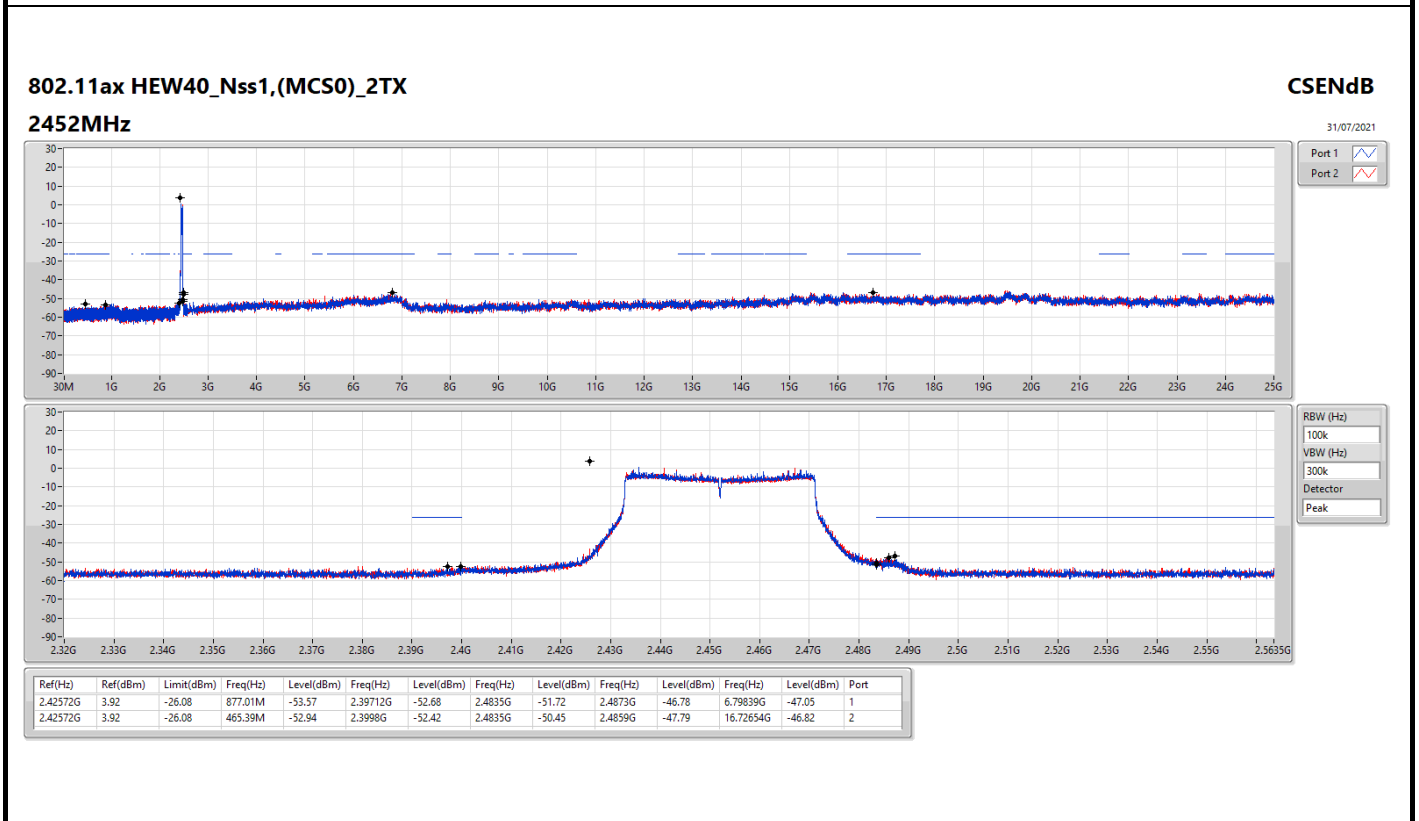
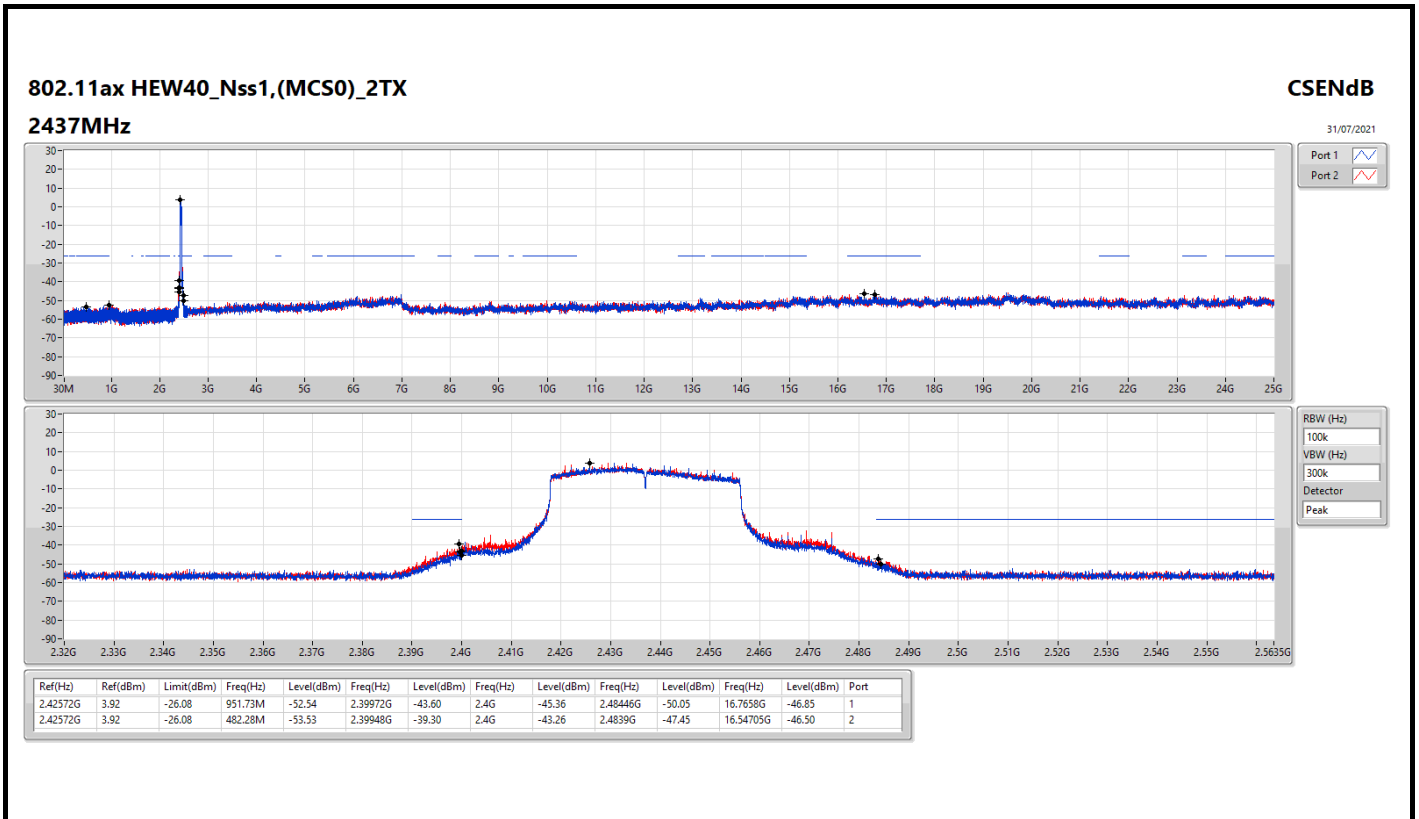












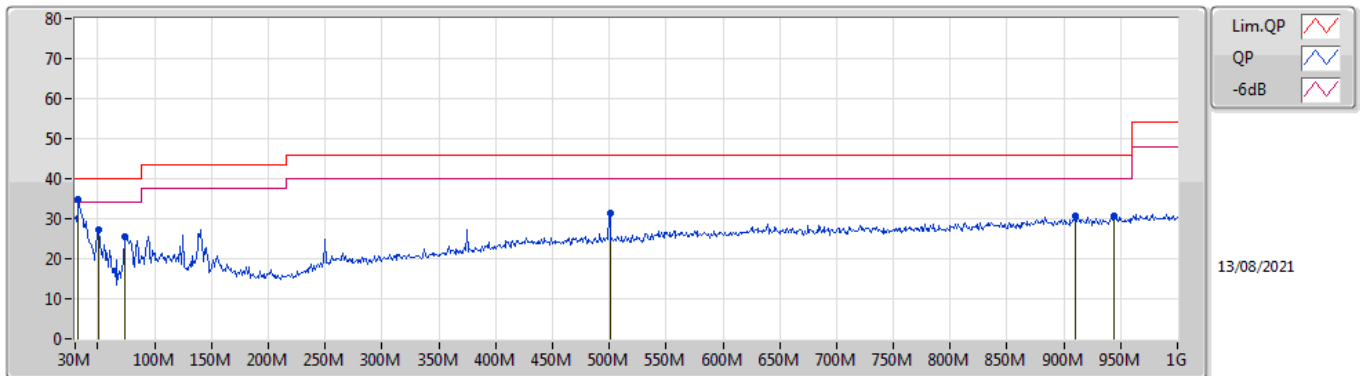


**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 5	Pass	PK	32.91M	34.80	40.00	-5.20	Vertical

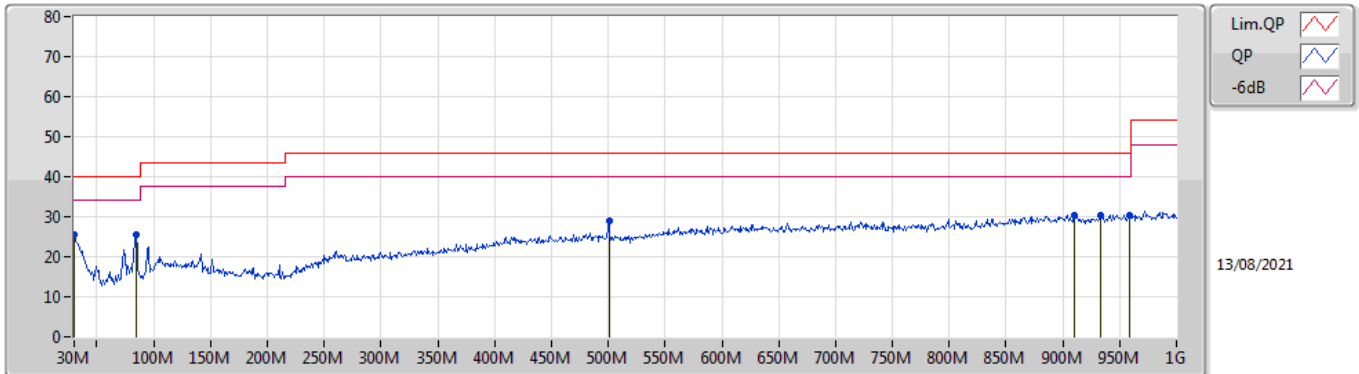


Mode 5



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	32.91M	34.80	40.00	-5.20	-8.52	3	Vertical	263	1.00	"Worst"	43.32	22.57	0.46	31.55
PK	50.37M	27.26	40.00	-12.74	-17.32	3	Vertical	360	1.50	-	44.58	13.83	0.61	31.76
PK	73.65M	25.67	40.00	-14.33	-18.83	3	Vertical	185	1.00	-	44.50	12.20	0.87	31.90
PK	500.45M	31.54	46.00	-14.46	-6.25	3	Vertical	135	1.25	-	37.79	23.18	2.90	32.33
PK	910.76M	30.86	46.00	-15.14	-2.14	3	Vertical	315	2.00	-	33.00	26.20	4.30	32.64
PK	943.74M	30.85	46.00	-15.15	-1.91	3	Vertical	306	1.50	-	32.76	26.37	4.30	32.58

Mode 5



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	30M	25.54	40.00	-14.46	-6.89	3	Horizontal	323	3.00	"Worst"	32.43	24.20	0.40	31.49
PK	84.32M	25.48	40.00	-14.52	-17.47	3	Horizontal	9	1.00	-	42.95	13.46	0.99	31.92
PK	500.45M	28.90	46.00	-17.10	-6.25	3	Horizontal	206	1.00	-	35.15	23.18	2.90	32.33
PK	909.79M	30.48	46.00	-15.52	-2.14	3	Horizontal	202	1.00	-	32.62	26.20	4.30	32.64
PK	933.07M	30.51	46.00	-15.49	-2.05	3	Horizontal	359	1.00	-	32.56	26.25	4.30	32.60
PK	959.26M	30.48	46.00	-15.52	-1.67	3	Horizontal	61	1.25	-	32.15	26.58	4.32	32.57

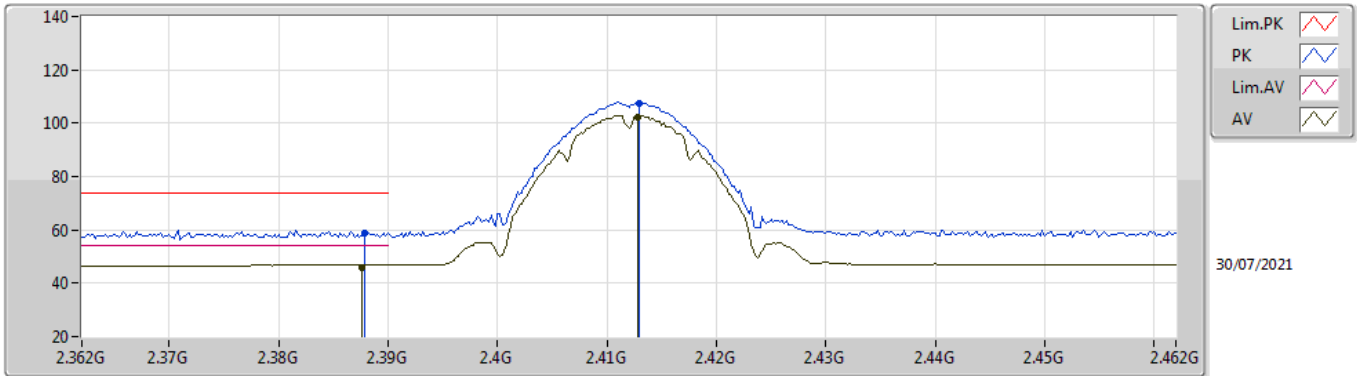


**Summary**

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 HEW40_Nss1,(MCS0)_2TX	Pass	AV	2.39G	53.94	54.00	-0.06	3	Horizontal	0	1.67	-

### 802.11b\_Nss1,(1Mbps)\_2TX

### 2412MHz\_TX

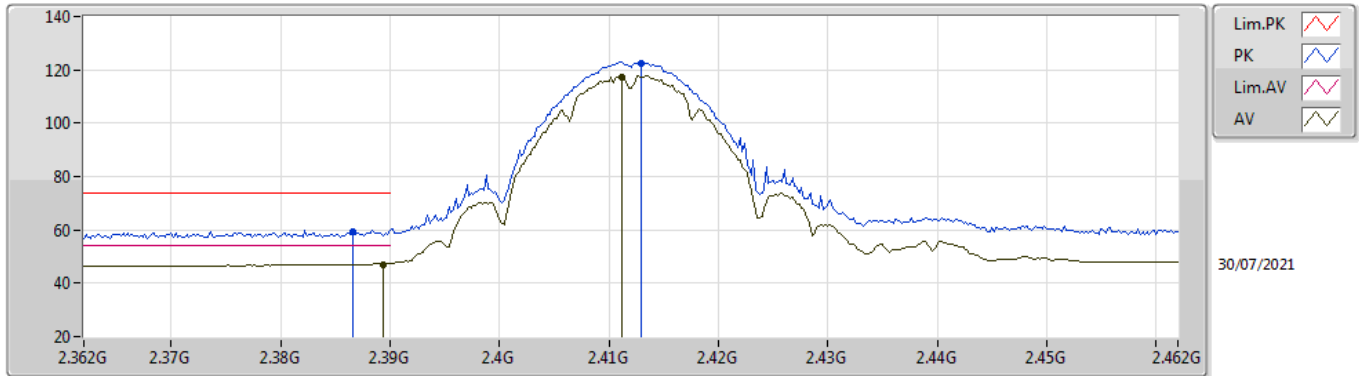


EUT\_V\_2TX  
Setting 46  
02-B-E-3

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	2.3878G	59.01	74.00	-14.99	27.54	3	Vertical	23	2.89	-	28.38	3.09	-
AV	2.3876G	46.08	54.00	-7.92	14.61	3	Vertical	23	2.89	-	28.38	3.09	-
PK	2.413G	107.34	Inf	-Inf	75.83	3	Vertical	23	2.89	-	28.40	3.11	-
AV	2.4128G	102.34	Inf	-Inf	70.83	3	Vertical	23	2.89	-	28.40	3.11	-

### 802.11b\_Nss1,(1Mbps)\_2TX

### 2412MHz\_TX

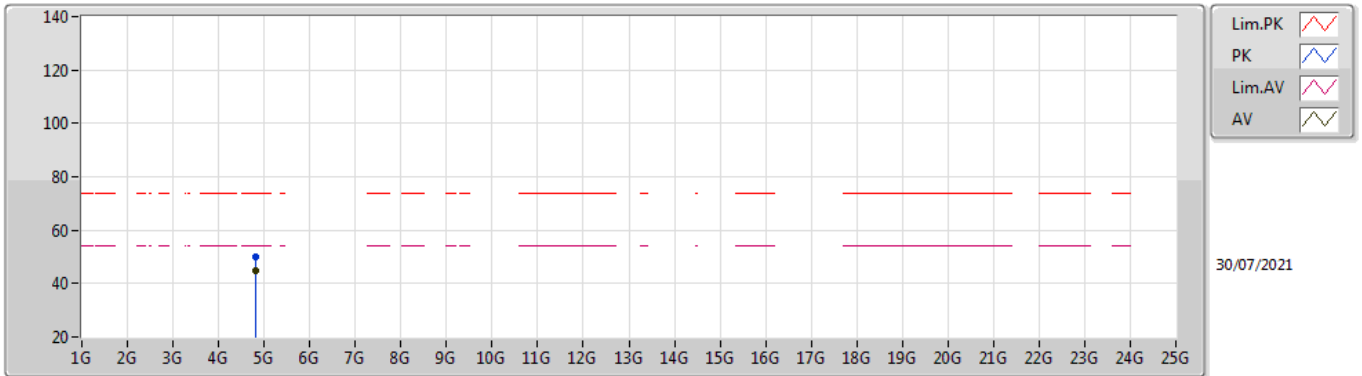


EUT\_V\_2TX  
Setting 46  
02-B-E-3

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	59.30	74.00	-14.70	27.84	3	Horizontal	22	1.80	-	28.37	3.09	-
AV	2.3894G	46.72	54.00	-7.28	15.25	3	Horizontal	22	1.80	-	28.38	3.09	-
PK	2.413G	122.42	Inf	-Inf	90.91	3	Horizontal	22	1.80	-	28.40	3.11	-
AV	2.4112G	117.39	Inf	-Inf	85.88	3	Horizontal	22	1.80	-	28.40	3.11	-

### 802.11b\_Nss1,(1Mbps)\_2TX

### 2412MHz\_TX

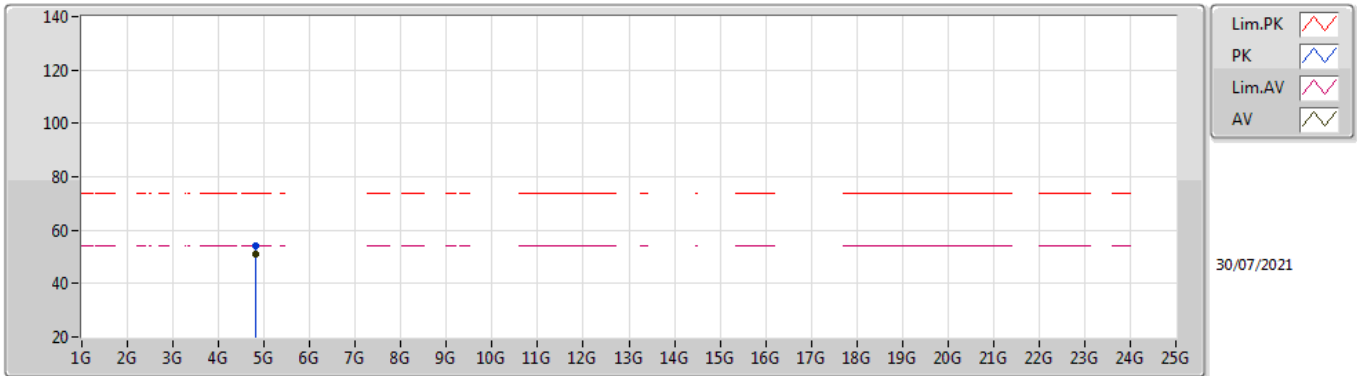


EUT Y\_2TX  
Setting 46  
02-B-E-3

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	4.82404G	50.09	74.00	-23.91	44.81	3	Vertical	5	1.79	-	32.80	4.70	32.22
AV	4.82396G	44.75	54.00	-9.25	39.47	3	Vertical	5	1.79	-	32.80	4.70	32.22

### 802.11b\_Nss1,(1Mbps)\_2TX

### 2412MHz\_TX

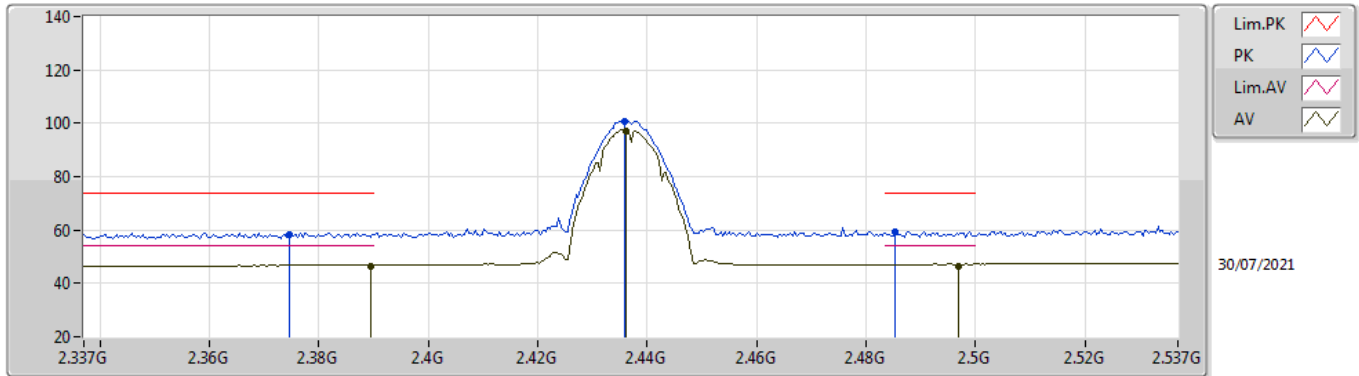


EUT Y\_2TX  
Setting 46  
02-B-E-3

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	4.82396G	53.96	74.00	-20.04	48.68	3	Horizontal	45	1.61	-	32.80	4.70	32.22
AV	4.82398G	51.08	54.00	-2.92	45.80	3	Horizontal	45	1.61	-	32.80	4.70	32.22

### 802.11b\_Nss1,(1Mbps)\_2TX

### 2437MHz\_TX



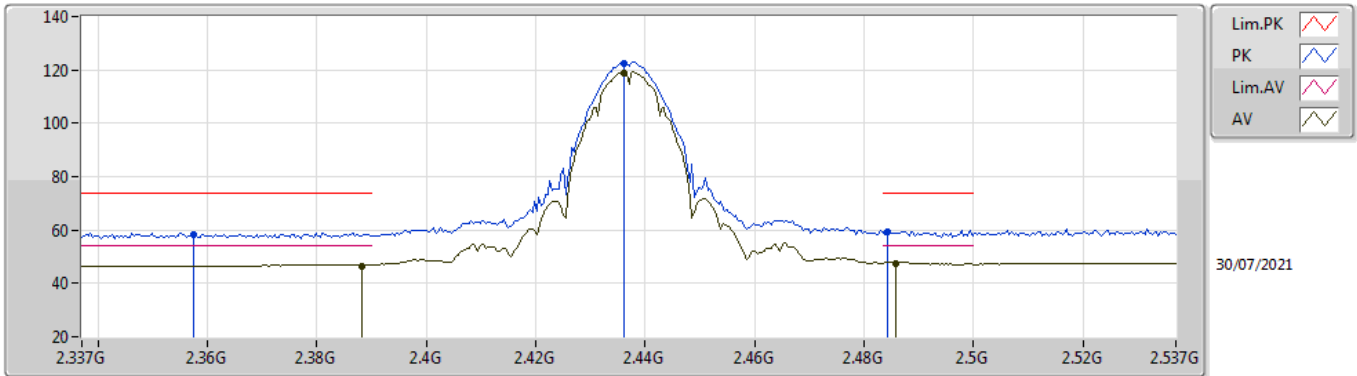
EUT Y\_2TX  
Setting 46  
02-B-E-3

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	2.3746G	58.51	74.00	-15.49	27.07	3	Vertical	188	2.54	-	28.35	3.09	-
AV	2.3894G	46.22	54.00	-7.78	14.75	3	Vertical	188	2.54	-	28.38	3.09	-
PK	2.4358G	100.91	Inf	-Inf	69.39	3	Vertical	188	2.54	-	28.40	3.12	-
AV	2.4362G	97.12	Inf	-Inf	65.60	3	Vertical	188	2.54	-	28.40	3.12	-
PK	2.4854G	59.21	74.00	-14.79	27.53	3	Vertical	188	2.54	-	28.54	3.14	-
AV	2.497G	46.52	54.00	-7.48	14.78	3	Vertical	188	2.54	-	28.59	3.15	-



### 802.11b\_Nss1,(1Mbps)\_2TX

### 2437MHz\_TX

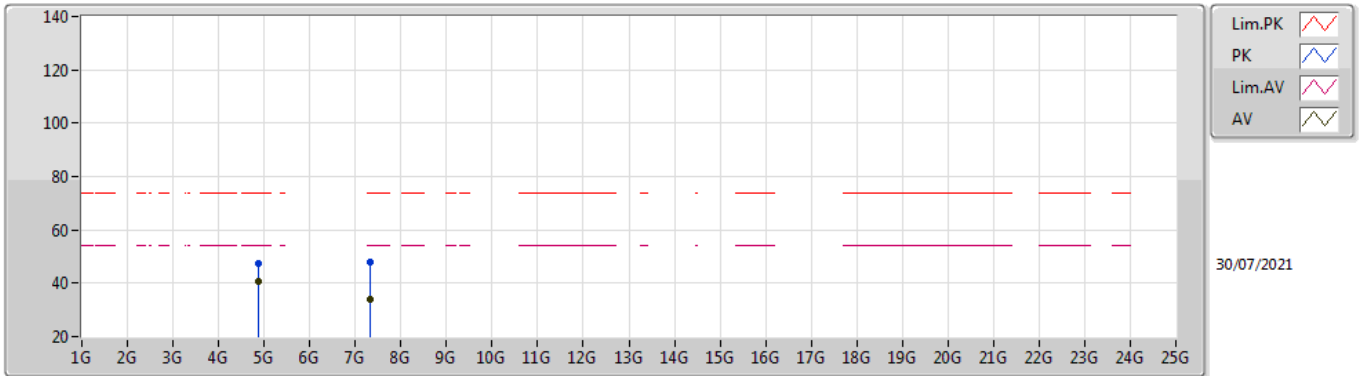


EUT\_V\_2TX  
Setting 46  
02-B-E-3

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	2.3574G	58.45	74.00	-15.55	27.06	3	Horizontal	13	1.80	-	28.31	3.08	-
AV	2.3882G	46.23	54.00	-7.77	14.76	3	Horizontal	13	1.80	-	28.38	3.09	-
PK	2.4362G	122.37	Inf	-Inf	90.85	3	Horizontal	13	1.80	-	28.40	3.12	-
AV	2.4362G	118.70	Inf	-Inf	87.18	3	Horizontal	13	1.80	-	28.40	3.12	-
PK	2.4842G	59.25	74.00	-14.75	27.57	3	Horizontal	13	1.80	-	28.54	3.14	-
AV	2.4858G	47.18	54.00	-6.82	15.50	3	Horizontal	13	1.80	-	28.54	3.14	-

### 802.11b\_Nss1,(1Mbps)\_2TX

### 2437MHz\_TX

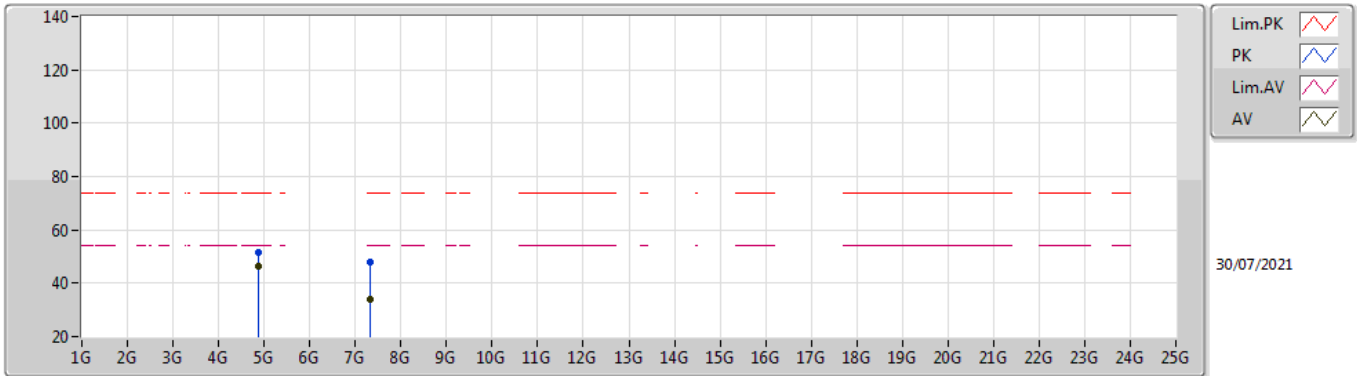


EUT Y\_2TX  
Setting 46  
02-B-E-3

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	4.8739G	47.45	74.00	-26.55	42.01	3	Vertical	360	2.46	-	32.95	4.70	32.21
AV	4.87392G	40.93	54.00	-13.07	35.49	3	Vertical	360	2.46	-	32.95	4.70	32.21
PK	7.32516G	47.95	74.00	-26.05	38.59	3	Vertical	239	2.08	-	36.45	5.76	32.85
AV	7.32438G	34.09	54.00	-19.91	24.72	3	Vertical	239	2.08	-	36.45	5.76	32.84

### 802.11b\_Nss1,(1Mbps)\_2TX

### 2437MHz\_TX

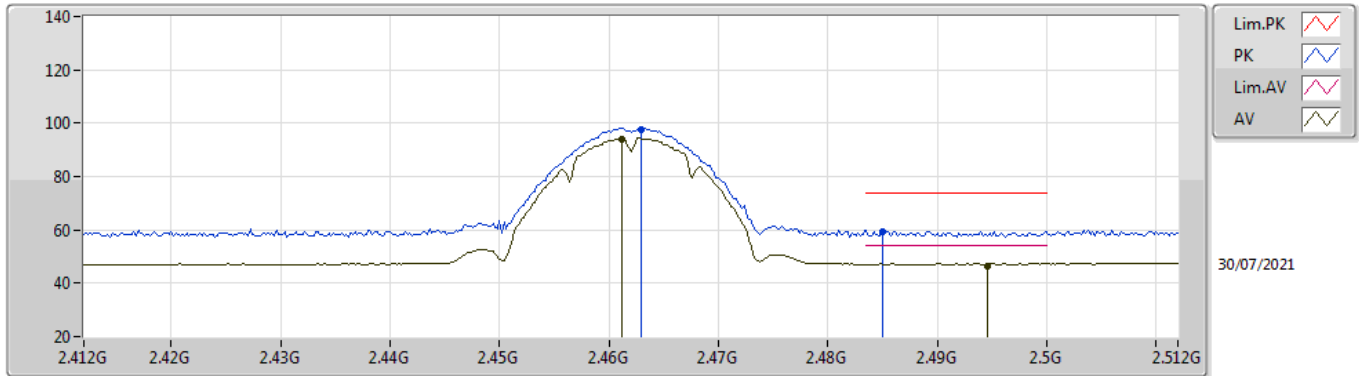


EUT Y\_2TX  
Setting 46  
02-B-E-3

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	4.87398G	51.76	74.00	-22.24	46.32	3	Horizontal	48	1.49	-	32.95	4.70	32.21
AV	4.87396G	46.61	54.00	-7.39	41.17	3	Horizontal	48	1.49	-	32.95	4.70	32.21
PK	7.31526G	47.82	74.00	-26.18	38.46	3	Horizontal	254	1.11	-	36.43	5.76	32.83
AV	7.32528G	34.15	54.00	-19.85	24.79	3	Horizontal	254	1.11	-	36.45	5.76	32.85

### 802.11b\_Nss1,(1Mbps)\_2TX

### 2462MHz\_TX

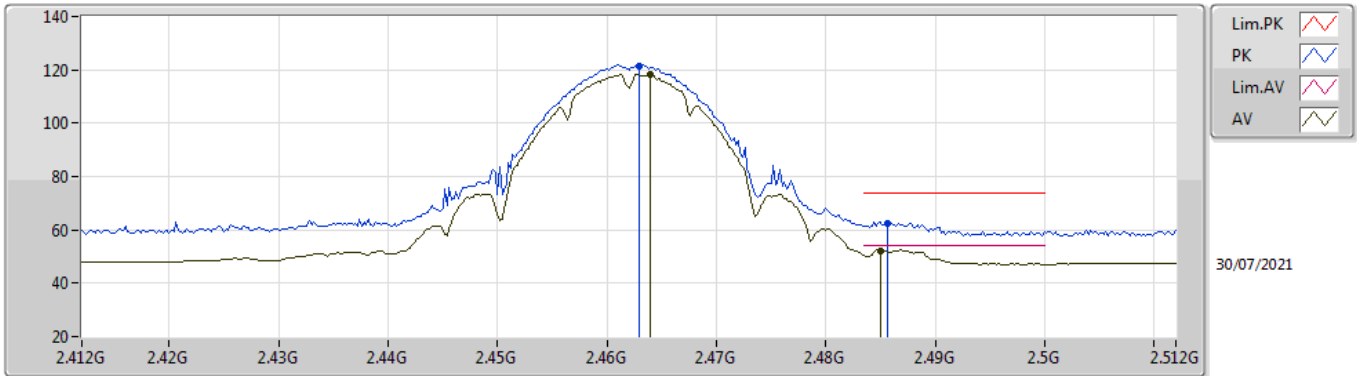


EUT\_V\_2TX  
Setting 46  
02-B-E-3

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	2.463G	97.67	Inf	-Inf	66.09	3	Vertical	32	3.00	-	28.45	3.13	-
AV	2.4612G	93.84	Inf	-Inf	62.27	3	Vertical	32	3.00	-	28.44	3.13	-
PK	2.485G	59.14	74.00	-14.86	27.46	3	Vertical	32	3.00	-	28.54	3.14	-
AV	2.4946G	46.53	54.00	-7.47	14.80	3	Vertical	32	3.00	-	28.58	3.15	-

### 802.11b\_Nss1,(1Mbps)\_2TX

### 2462MHz\_TX

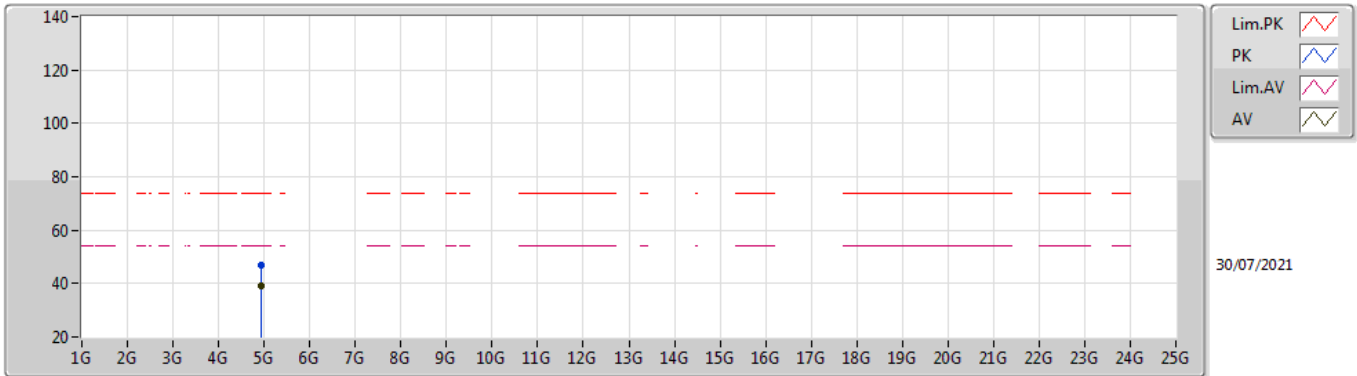


EUT\_V\_2TX  
Setting 46  
02-B-E-3

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	2.463G	121.38	Inf	-Inf	89.80	3	Horizontal	13	1.80	-	28.45	3.13	-
AV	2.464G	118.32	Inf	-Inf	86.73	3	Horizontal	13	1.80	-	28.46	3.13	-
PK	2.4856G	62.54	74.00	-11.46	30.86	3	Horizontal	13	1.80	-	28.54	3.14	-
AV	2.485G	52.04	54.00	-1.96	20.36	3	Horizontal	13	1.80	-	28.54	3.14	-

### 802.11b\_Nss1,(1Mbps)\_2TX

### 2462MHz\_TX

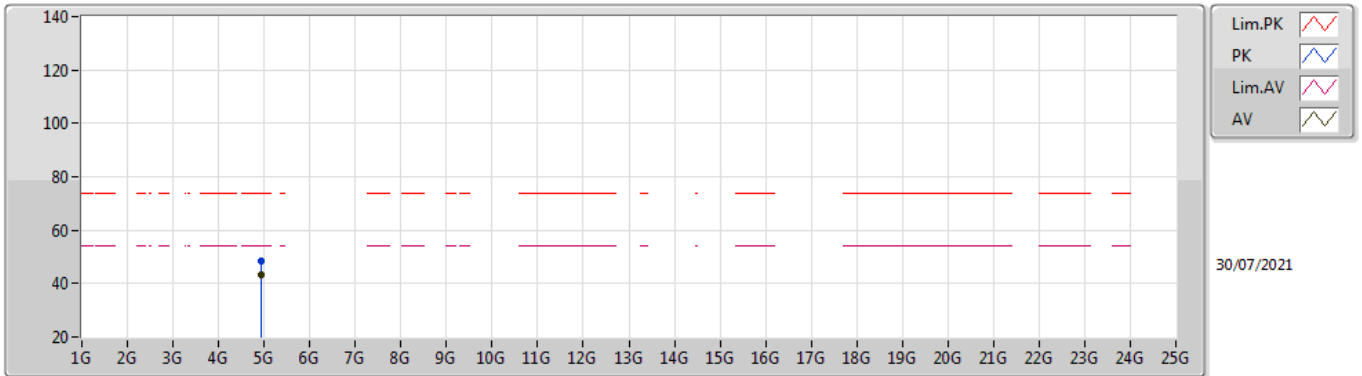


EUT Y\_2TX  
Setting 46  
02-B-E-3

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	4.92394G	47.01	74.00	-26.99	41.36	3	Vertical	325	1.80	-	33.14	4.70	32.19
AV	4.924G	39.21	54.00	-14.79	33.56	3	Vertical	325	1.80	-	33.14	4.70	32.19

### 802.11b\_Nss1,(1Mbps)\_2TX

### 2462MHz\_TX

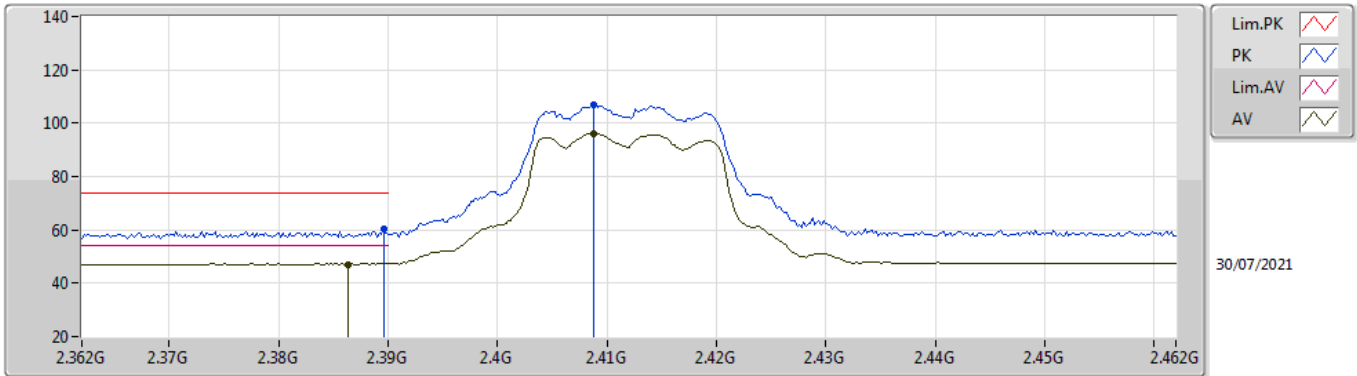


EUT Y\_2TX  
Setting 46  
02-B-E-3

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	4.92388G	48.61	74.00	-25.39	42.96	3	Horizontal	38	1.63	-	33.14	4.70	32.19
AV	4.92392G	43.52	54.00	-10.48	37.87	3	Horizontal	38	1.63	-	33.14	4.70	32.19

### 802.11g\_Nss1,(6Mbps)\_2TX

### 2412MHz\_TX



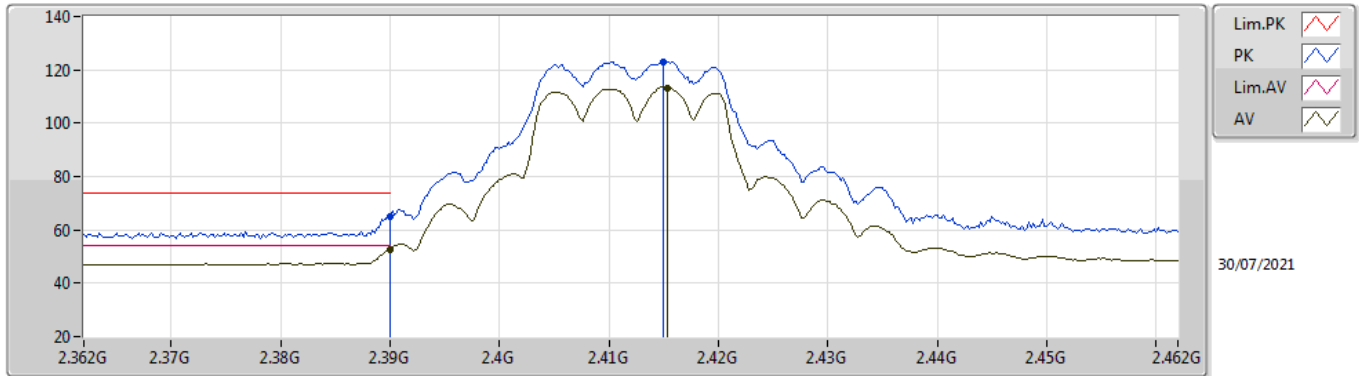
EUT\_V\_2TX  
Setting 42  
02-B-E-3

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	60.20	74.00	-13.80	28.73	3	Vertical	0	2.85	-	28.38	3.09	-
AV	2.3864G	46.67	54.00	-7.33	15.21	3	Vertical	0	2.85	-	28.37	3.09	-
PK	2.4088G	106.86	Inf	-Inf	75.36	3	Vertical	0	2.85	-	28.40	3.10	-
AV	2.4088G	95.85	Inf	-Inf	64.35	3	Vertical	0	2.85	-	28.40	3.10	-



### 802.11g\_Nss1,(6Mbps)\_2TX

### 2412MHz\_TX

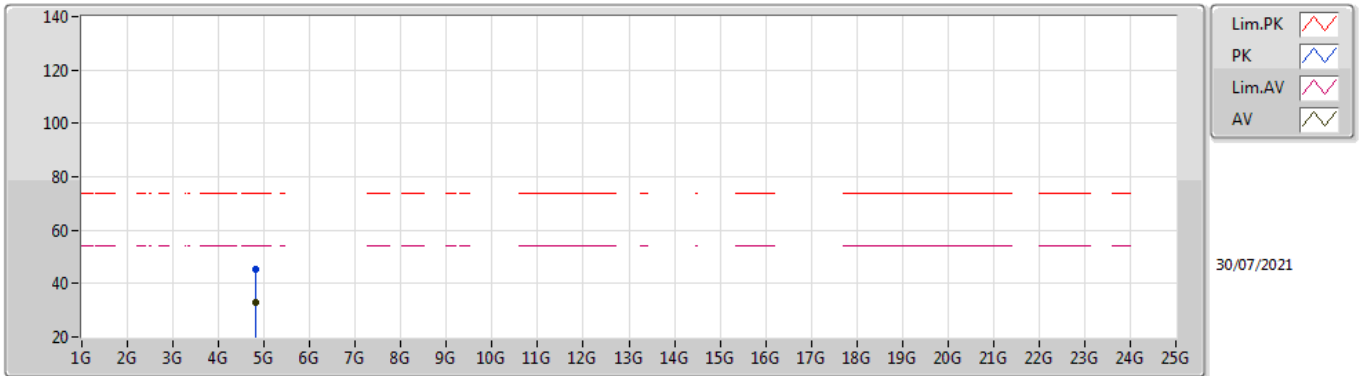


EUT\_V\_2TX  
Setting 42  
02-B-E-3

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	64.80	74.00	-9.20	33.32	3	Horizontal	0	1.80	-	28.38	3.10	-
AV	2.39G	52.55	54.00	-1.45	21.07	3	Horizontal	0	1.80	-	28.38	3.10	-
PK	2.415G	122.85	Inf	-Inf	91.34	3	Horizontal	0	1.80	-	28.40	3.11	-
AV	2.4154G	112.97	Inf	-Inf	81.46	3	Horizontal	0	1.80	-	28.40	3.11	-

### 802.11g\_Nss1,(6Mbps)\_2TX

### 2412MHz\_TX

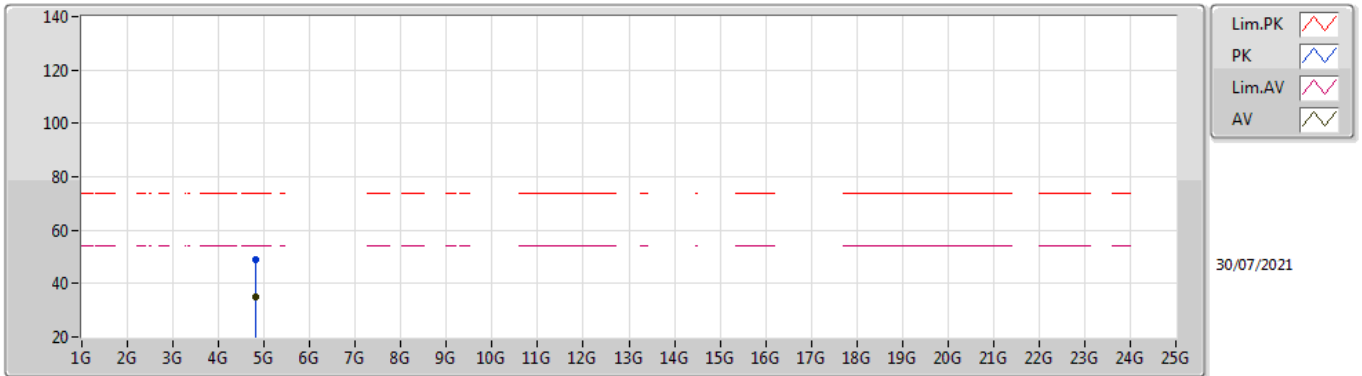


EUT\_Z\_2TX  
Setting 42  
02-B-E-3

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	4.82G	45.28	74.00	-28.72	40.02	3	Vertical	6	1.80	-	32.78	4.70	32.22
AV	4.824G	32.70	54.00	-21.30	27.42	3	Vertical	6	1.80	-	32.80	4.70	32.22

### 802.11g\_Nss1,(6Mbps)\_2TX

### 2412MHz\_TX

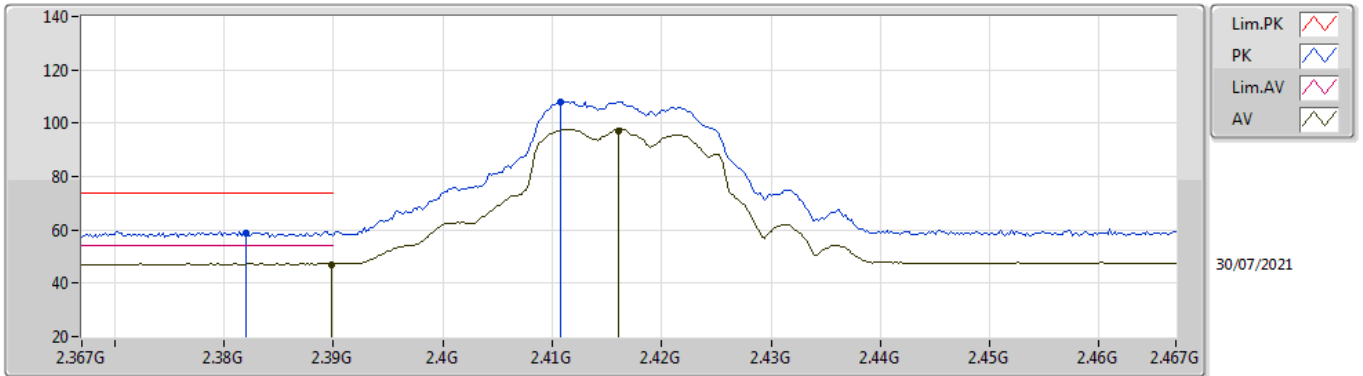


EUT\_Z\_2TX  
Setting 42  
02-B-E-3

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	4.8248G	48.79	74.00	-25.21	43.51	3	Horizontal	51	1.72	-	32.80	4.70	32.22
AV	4.8244G	35.25	54.00	-18.75	29.97	3	Horizontal	51	1.72	-	32.80	4.70	32.22

### 802.11g\_Nss1,(6Mbps)\_2TX

### 2417MHz\_TX

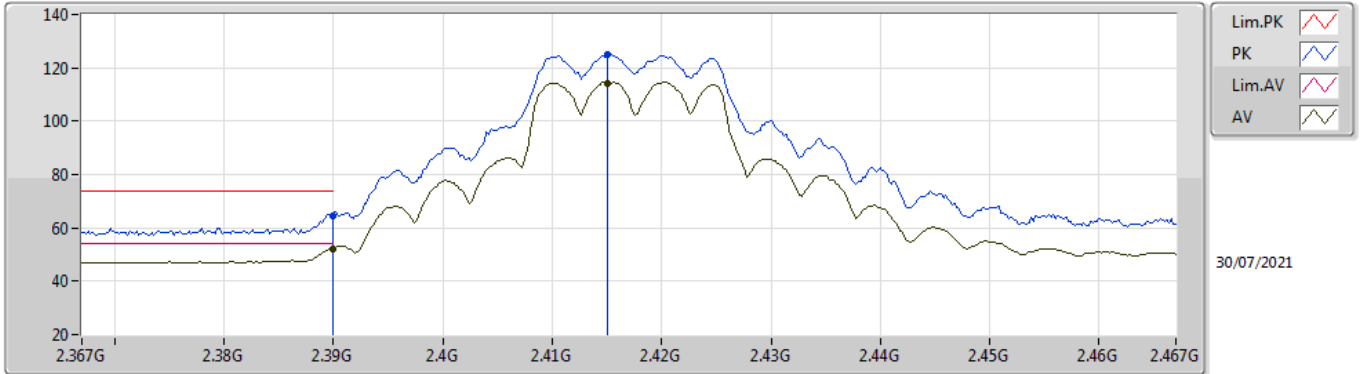


EUT Y\_2TX  
Setting 46  
02-B-K-3

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	2.382G	58.98	74.00	-15.02	27.53	3	Vertical	22	2.82	-	28.36	3.09	-
AV	2.3898G	46.75	54.00	-7.25	15.28	3	Vertical	22	2.82	-	28.38	3.09	-
PK	2.4108G	107.80	Inf	-Inf	76.29	3	Vertical	22	2.82	-	28.40	3.11	-
AV	2.416G	97.30	Inf	-Inf	65.79	3	Vertical	22	2.82	-	28.40	3.11	-

### 802.11g\_Nss1,(6Mbps)\_2TX

### 2417MHz\_TX

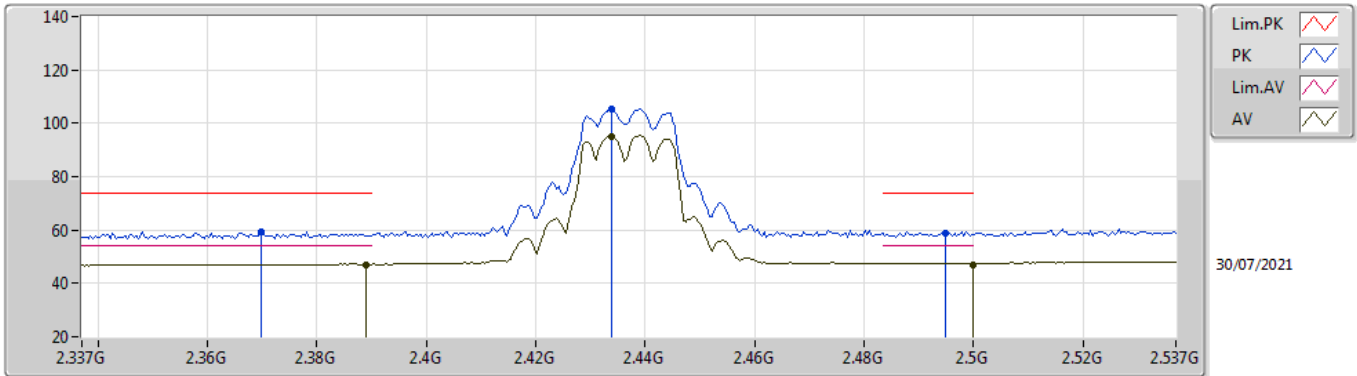


EUT Y\_2TX  
Setting 46  
02-B-K-3

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	64.72	74.00	-9.28	33.24	3	Horizontal	0	1.82	-	28.38	3.10	-
AV	2.39G	51.98	54.00	-2.02	20.50	3	Horizontal	0	1.82	-	28.38	3.10	-
PK	2.415G	124.92	Inf	-Inf	93.41	3	Horizontal	0	1.82	-	28.40	3.11	-
AV	2.415G	114.00	Inf	-Inf	82.49	3	Horizontal	0	1.82	-	28.40	3.11	-

### 802.11g\_Nss1,(6Mbps)\_2TX

### 2437MHz\_TX

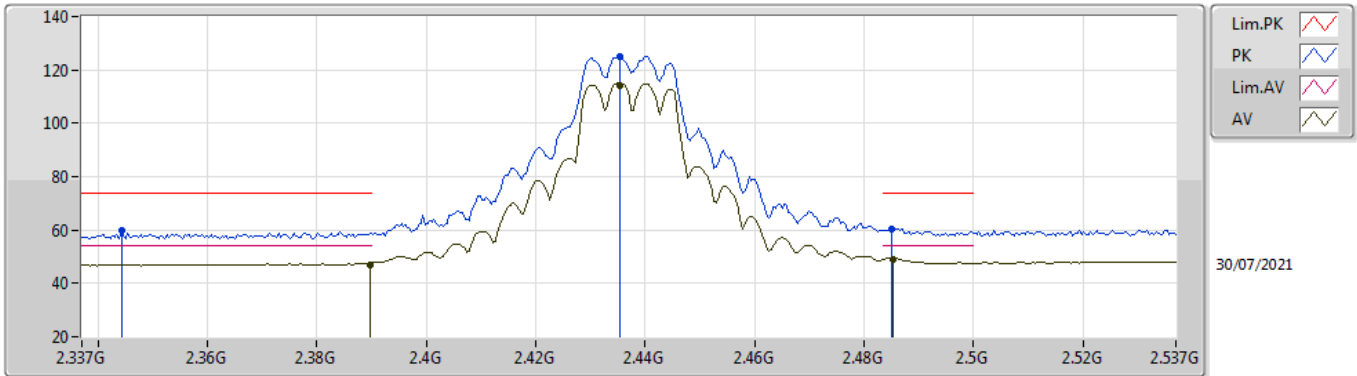


EUT\_Y\_2TX  
Setting 46  
02-B-E-3

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	2.3698G	59.11	74.00	-14.89	27.69	3	Vertical	345	1.06	-	28.34	3.08	-
AV	2.389G	46.74	54.00	-7.26	15.27	3	Vertical	345	1.06	-	28.38	3.09	-
PK	2.4338G	105.54	Inf	-Inf	74.02	3	Vertical	345	1.06	-	28.40	3.12	-
AV	2.4338G	94.96	Inf	-Inf	63.44	3	Vertical	345	1.06	-	28.40	3.12	-
PK	2.495G	58.90	74.00	-15.10	27.17	3	Vertical	345	1.06	-	28.58	3.15	-
AV	2.4998G	47.01	54.00	-6.99	15.26	3	Vertical	345	1.06	-	28.60	3.15	-

### 802.11g\_Nss1,(6Mbps)\_2TX

### 2437MHz\_TX

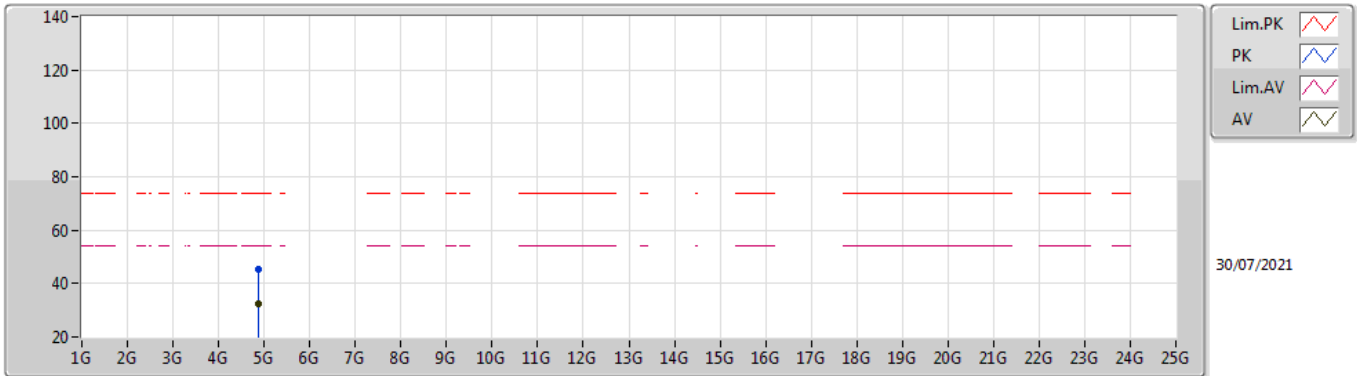


EUT\_V\_2TX  
Setting 46  
02-B-E-3

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	2.3442G	59.78	74.00	-14.22	28.43	3	Horizontal	360	1.56	-	28.28	3.07	-
AV	2.3898G	47.08	54.00	-6.92	15.61	3	Horizontal	360	1.56	-	28.38	3.09	-
PK	2.4354G	124.98	Inf	-Inf	93.46	3	Horizontal	360	1.56	-	28.40	3.12	-
AV	2.4354G	114.38	Inf	-Inf	82.86	3	Horizontal	360	1.56	-	28.40	3.12	-
PK	2.485G	60.25	74.00	-13.75	28.57	3	Horizontal	360	1.56	-	28.54	3.14	-
AV	2.4854G	48.89	54.00	-5.11	17.21	3	Horizontal	360	1.56	-	28.54	3.14	-

### 802.11g\_Nss1,(6Mbps)\_2TX

### 2437MHz\_TX



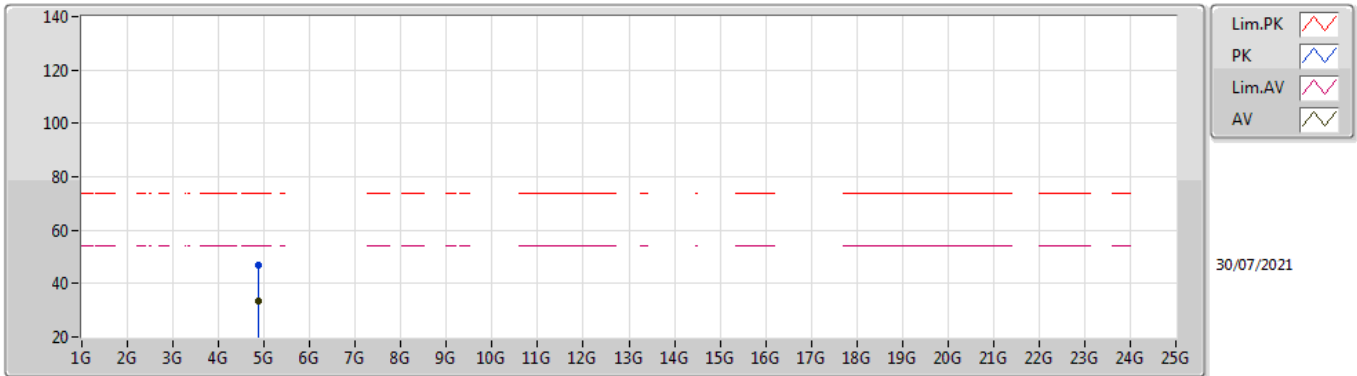
EUT\_Z\_2TX  
Setting 46  
02-B-E-3

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	4.8781G	45.13	74.00	-28.87	39.67	3	Vertical	0	2.46	-	32.96	4.70	32.20
AV	4.8725G	32.36	54.00	-21.64	26.92	3	Vertical	0	2.46	-	32.95	4.70	32.21



### 802.11g\_Nss1,(6Mbps)\_2TX

### 2437MHz\_TX

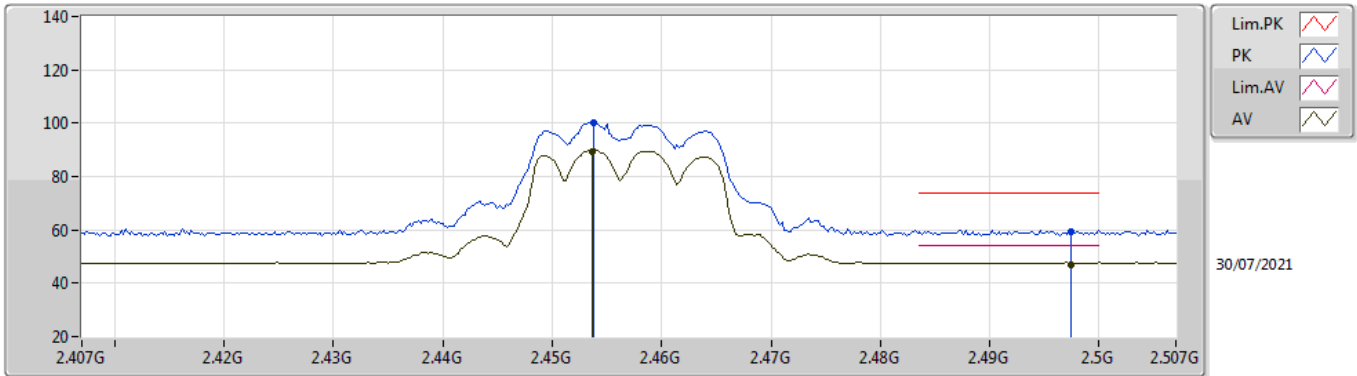


EUT\_Z\_2TX  
Setting 46  
02-B-E-3

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	4.8744G	46.94	74.00	-27.06	41.50	3	Horizontal	54	1.69	-	32.95	4.70	32.21
AV	4.8694G	33.43	54.00	-20.57	28.00	3	Horizontal	54	1.69	-	32.94	4.70	32.21

### 802.11g\_Nss1,(6Mbps)\_2TX

### 2457MHz\_TX

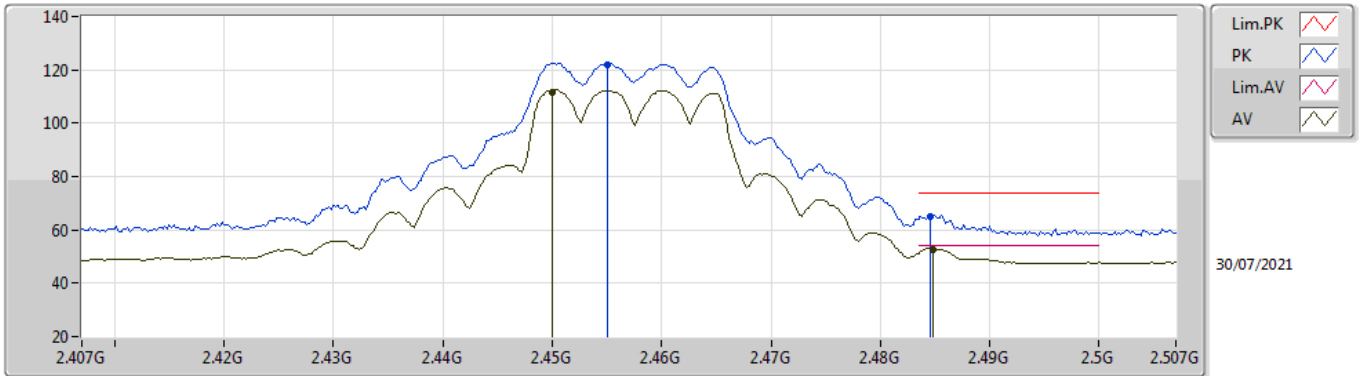


EUT\_V\_2TX  
Setting 42  
02-B-K-3

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	2.4538G	100.30	Inf	-Inf	68.75	3	Vertical	42	1.00	-	28.42	3.13	-
AV	2.4536G	89.48	Inf	-Inf	57.94	3	Vertical	42	1.00	-	28.41	3.13	-
PK	2.4974G	59.26	74.00	-14.74	27.52	3	Vertical	42	1.00	-	28.59	3.15	-
AV	2.4974G	47.10	54.00	-6.90	15.36	3	Vertical	42	1.00	-	28.59	3.15	-

### 802.11g\_Nss1,(6Mbps)\_2TX

### 2457MHz\_TX

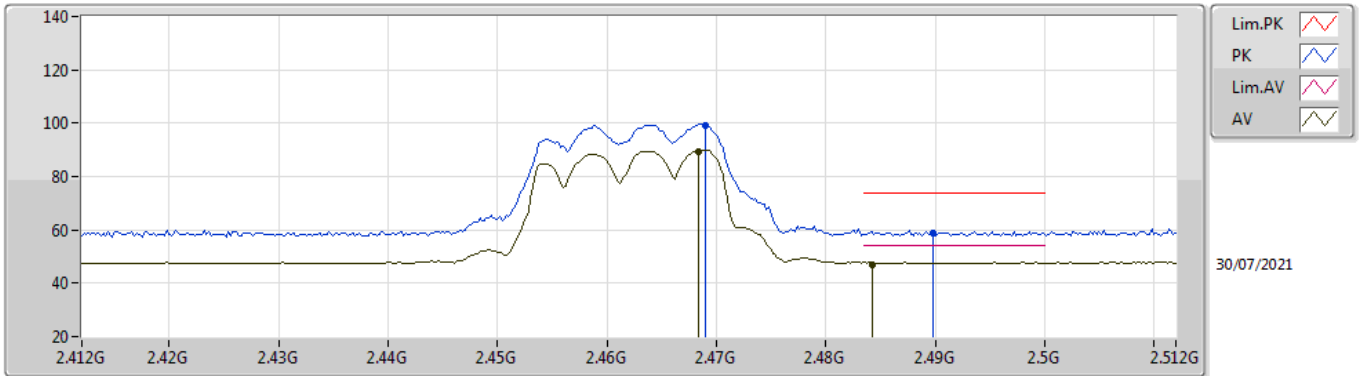


EUT Y\_2TX  
Setting 42  
02-B-K-3

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	2.455G	121.75	Inf	-Inf	90.20	3	Horizontal	358	1.80	-	28.42	3.13	-
AV	2.45G	111.81	Inf	-Inf	80.29	3	Horizontal	358	1.80	-	28.40	3.12	-
PK	2.4846G	64.92	74.00	-9.08	33.24	3	Horizontal	358	1.80	-	28.54	3.14	-
AV	2.4848G	52.56	54.00	-1.44	20.88	3	Horizontal	358	1.80	-	28.54	3.14	-

### 802.11g\_Nss1,(6Mbps)\_2TX

### 2462MHz\_TX

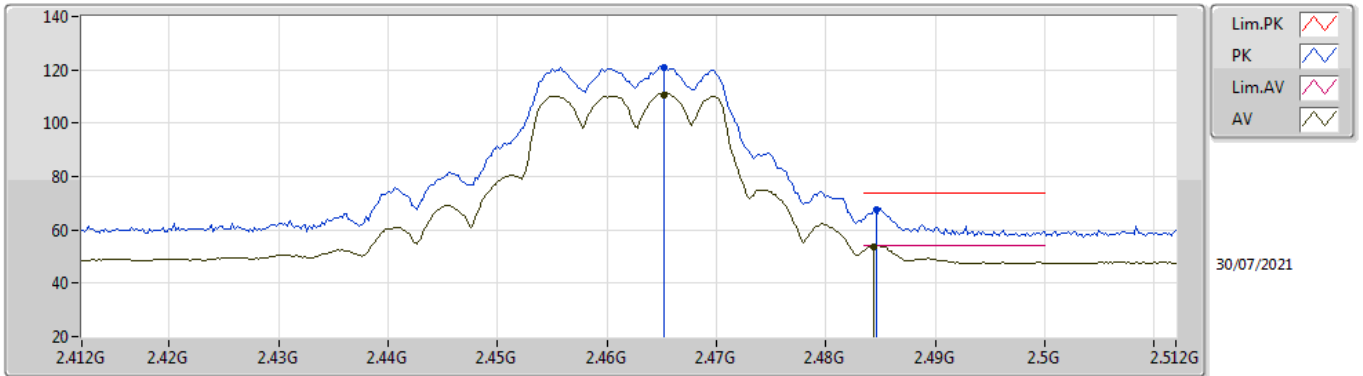


EUT Y\_2TX  
Setting 39  
02-B-E-3

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	2.469G	99.36	Inf	-Inf	67.75	3	Vertical	360	2.47	-	28.48	3.13	-
AV	2.4684G	89.29	Inf	-Inf	57.69	3	Vertical	360	2.47	-	28.47	3.13	-
PK	2.4898G	59.01	74.00	-14.99	27.31	3	Vertical	360	2.47	-	28.56	3.14	-
AV	2.4842G	47.09	54.00	-6.91	15.41	3	Vertical	360	2.47	-	28.54	3.14	-

### 802.11g\_Nss1,(6Mbps)\_2TX

### 2462MHz\_TX

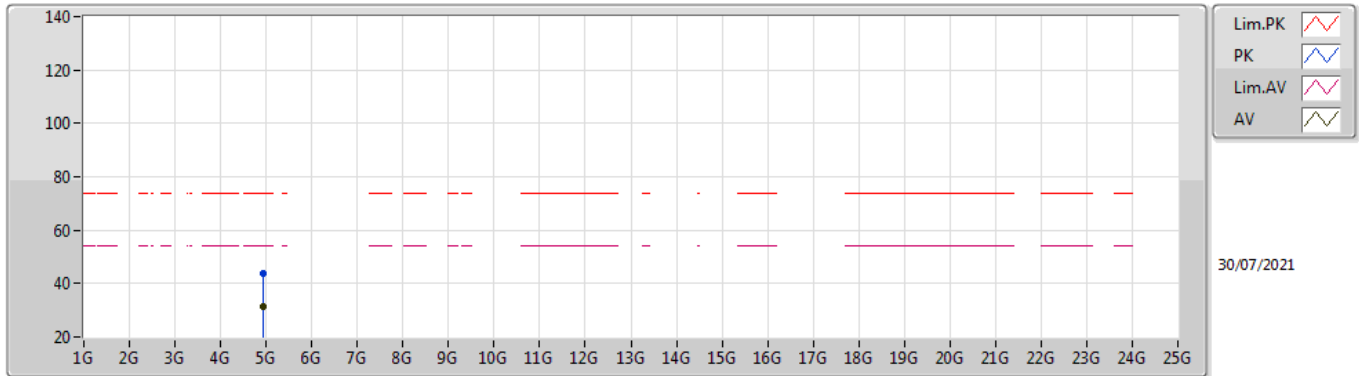


EUT Y\_2TX  
Setting 39  
02-B-E-3

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	2.4652G	120.61	Inf	-Inf	89.02	3	Horizontal	0	1.79	-	28.46	3.13	-
AV	2.4652G	110.74	Inf	-Inf	79.15	3	Horizontal	0	1.79	-	28.46	3.13	-
PK	2.4846G	67.77	74.00	-6.23	36.09	3	Horizontal	0	1.79	-	28.54	3.14	-
AV	2.4844G	53.78	54.00	-0.22	22.10	3	Horizontal	0	1.79	-	28.54	3.14	-

### 802.11g\_Nss1,(6Mbps)\_2TX

### 2462MHz\_TX

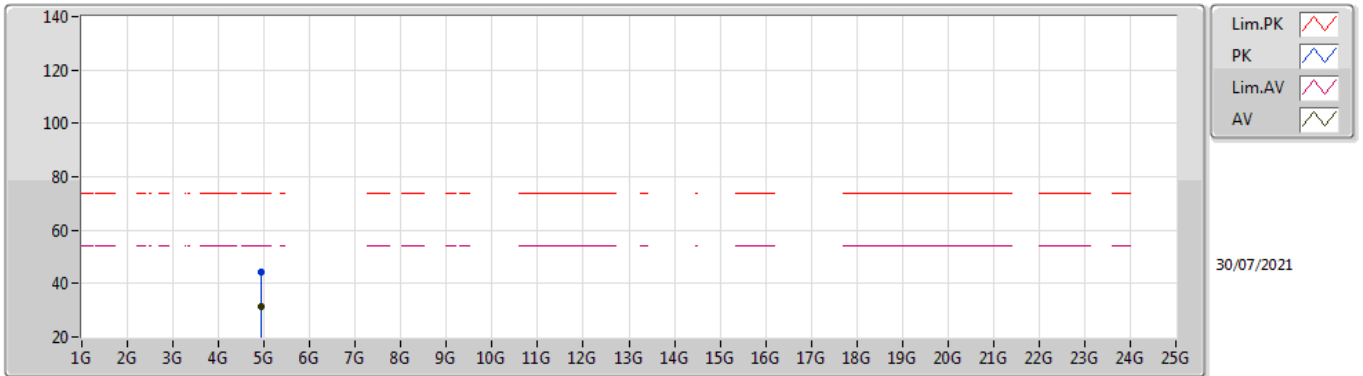


EUT Y\_2TX  
Setting 39  
02-B-E-3

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	4.94G	43.85	74.00	-30.15	38.09	3	Vertical	318	1.89	-	33.24	4.70	32.18
AV	4.9345G	31.15	54.00	-22.85	25.42	3	Vertical	318	1.89	-	33.21	4.70	32.18

### 802.11g\_Nss1,(6Mbps)\_2TX

### 2462MHz\_TX

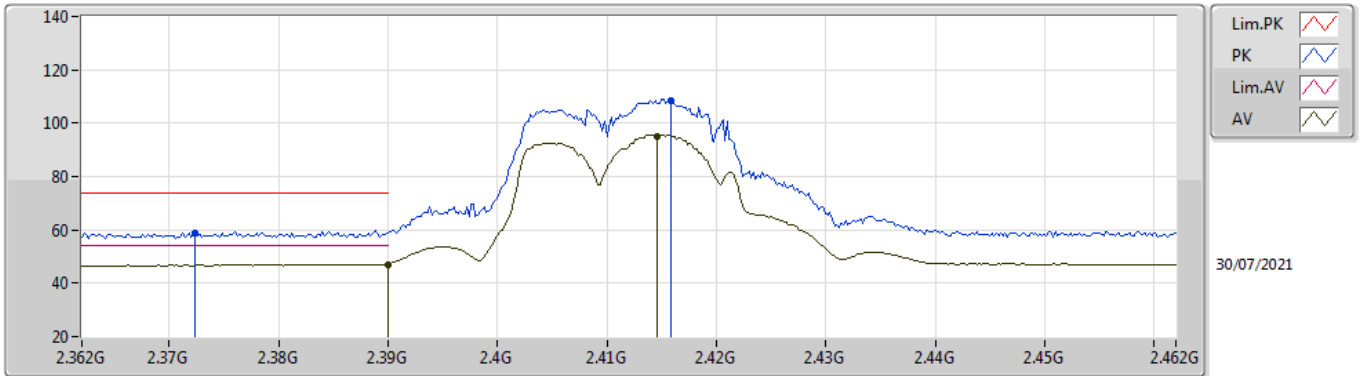


EUT Y\_2TX  
Setting 39  
02-B-E-3

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	4.9289G	44.54	74.00	-29.46	38.86	3	Horizontal	42	2.01	-	33.17	4.70	32.19
AV	4.9342G	31.49	54.00	-22.51	25.76	3	Horizontal	42	2.01	-	33.21	4.70	32.18

802.11ax HEW20\_Nss1,(MCS0)\_2TX

2412MHz\_TX



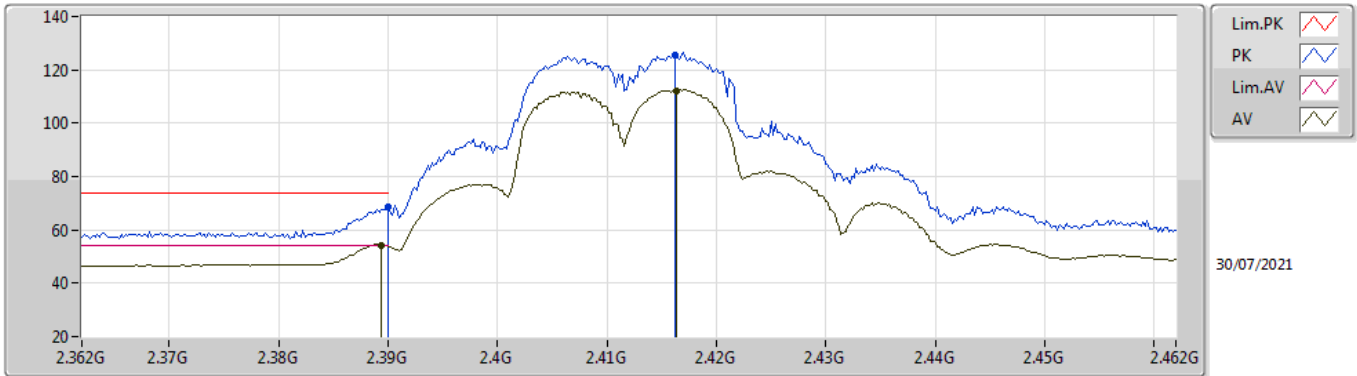
EUT Y\_2TX  
Setting 45  
02-B-E-3

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	2.3724G	58.99	74.00	-15.01	27.56	3	Vertical	0	1.20	-	28.34	3.09	-
AV	2.39G	46.75	54.00	-7.25	15.27	3	Vertical	0	1.20	-	28.38	3.10	-
PK	2.4158G	108.39	Inf	-Inf	76.88	3	Vertical	0	1.20	-	28.40	3.11	-
AV	2.4146G	95.10	Inf	-Inf	63.59	3	Vertical	0	1.20	-	28.40	3.11	-



802.11ax HEW20\_Nss1,(MCS0)\_2TX

2412MHz\_TX

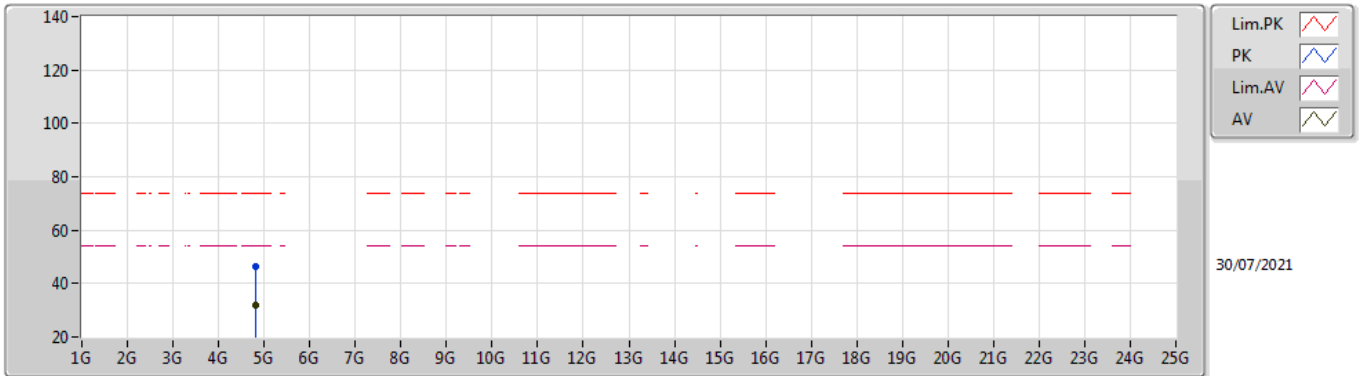


EUT Y\_2TX  
Setting 45  
02-B-E-3

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	68.69	74.00	-5.31	37.21	3	Horizontal	349	1.77	-	28.38	3.10	-
AV	2.3894G	53.91	54.00	-0.09	22.44	3	Horizontal	349	1.77	-	28.38	3.09	-
PK	2.4162G	125.73	Inf	-Inf	94.22	3	Horizontal	349	1.77	-	28.40	3.11	-
AV	2.4164G	112.06	Inf	-Inf	80.55	3	Horizontal	349	1.77	-	28.40	3.11	-

### 802.11ax HEW20\_Nss1,(MCS0)\_2TX

### 2412MHz\_TX

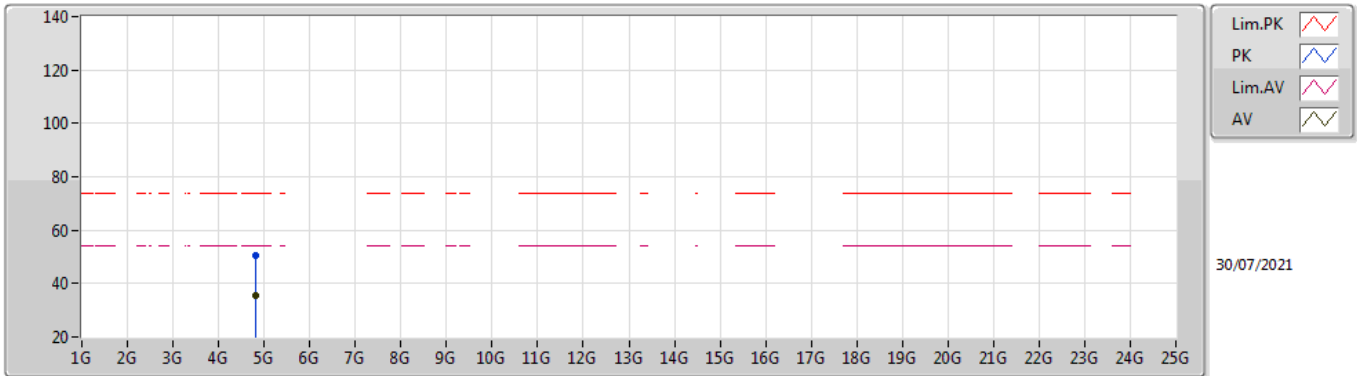


EUT Y\_2TX  
Setting 45  
02-B-E-3

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	4.8245G	46.46	74.00	-27.54	41.18	3	Vertical	360	1.80	-	32.80	4.70	32.22
AV	4.8232G	31.98	54.00	-22.02	26.71	3	Vertical	360	1.80	-	32.79	4.70	32.22

802.11ax HEW20\_Nss1,(MCS0)\_2TX

2412MHz\_TX

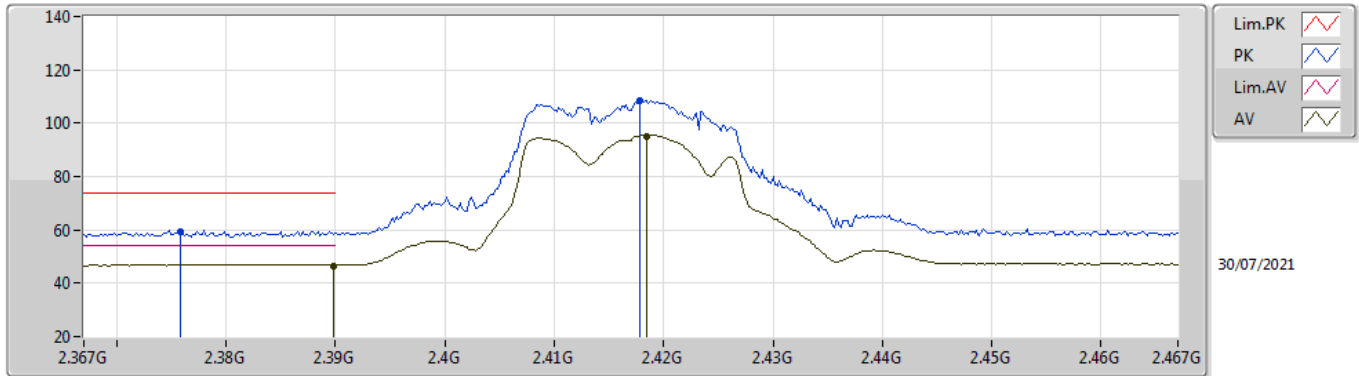


EUT Y\_2TX  
Setting 45  
02-B-E-3

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	4.8249G	50.71	74.00	-23.29	45.43	3	Horizontal	51	1.73	-	32.80	4.70	32.22
AV	4.8247G	35.36	54.00	-18.64	30.08	3	Horizontal	51	1.73	-	32.80	4.70	32.22

### 802.11ax HEW20\_Nss1,(MCS0)\_2TX

### 2417MHz\_TX

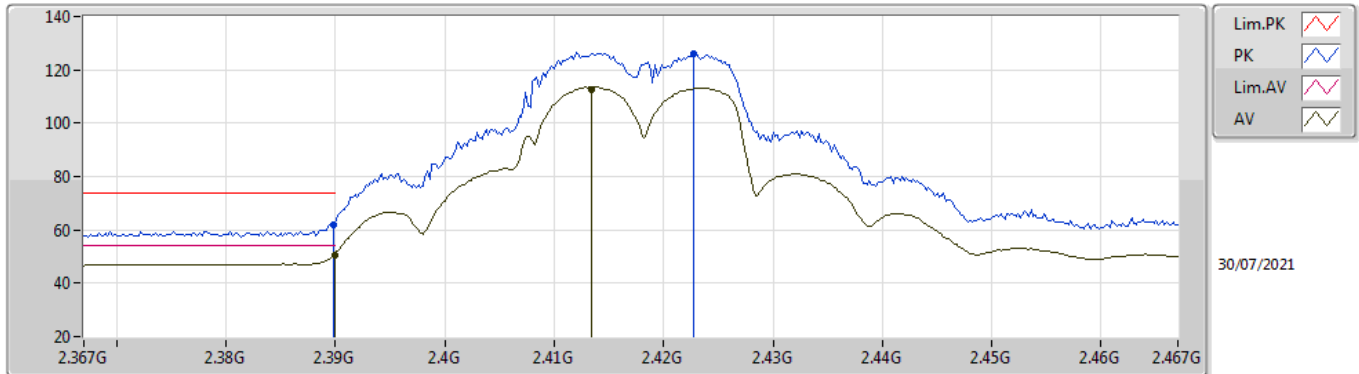


EUT Y\_2TX  
Setting 46  
02-B-K-3

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	2.3758G	59.17	74.00	-14.83	27.73	3	Vertical	352	1.02	-	28.35	3.09	-
AV	2.3898G	46.39	54.00	-7.61	14.92	3	Vertical	352	1.02	-	28.38	3.09	-
PK	2.4178G	108.57	Inf	-Inf	77.06	3	Vertical	352	1.02	-	28.40	3.11	-
AV	2.4184G	94.86	Inf	-Inf	63.35	3	Vertical	352	1.02	-	28.40	3.11	-

802.11ax HEW20\_Nss1,(MCS0)\_2TX

2417MHz\_TX



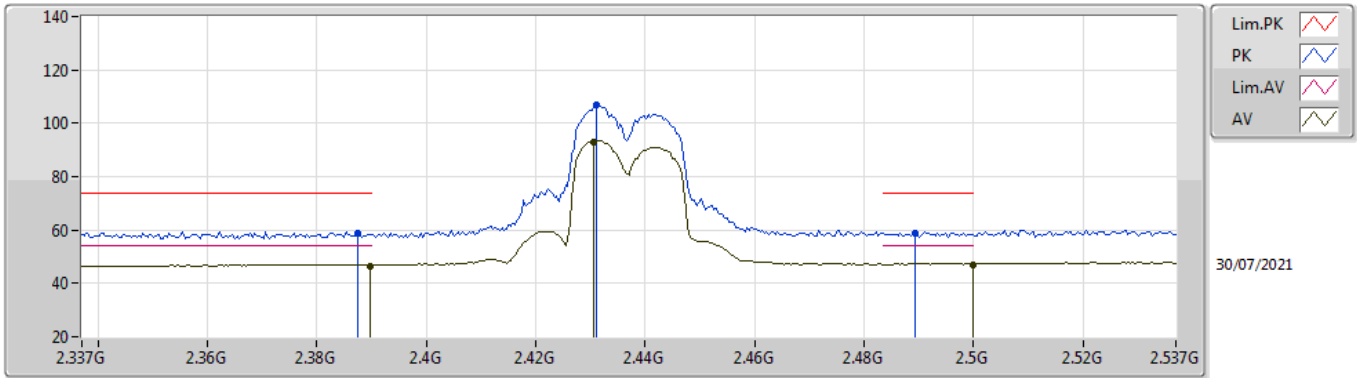
30/07/2021

EUT Y\_2TX  
Setting 46  
02-B-K-3

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	61.67	74.00	-12.33	30.20	3	Horizontal	0	1.99	-	28.38	3.09	-
AV	2.39G	50.66	54.00	-3.34	19.18	3	Horizontal	0	1.99	-	28.38	3.10	-
PK	2.4228G	125.90	Inf	-Inf	94.39	3	Horizontal	0	1.99	-	28.40	3.11	-
AV	2.4134G	112.79	Inf	-Inf	81.28	3	Horizontal	0	1.99	-	28.40	3.11	-

802.11ax HEW20\_Nss1,(MCS0)\_2TX

2437MHz\_TX

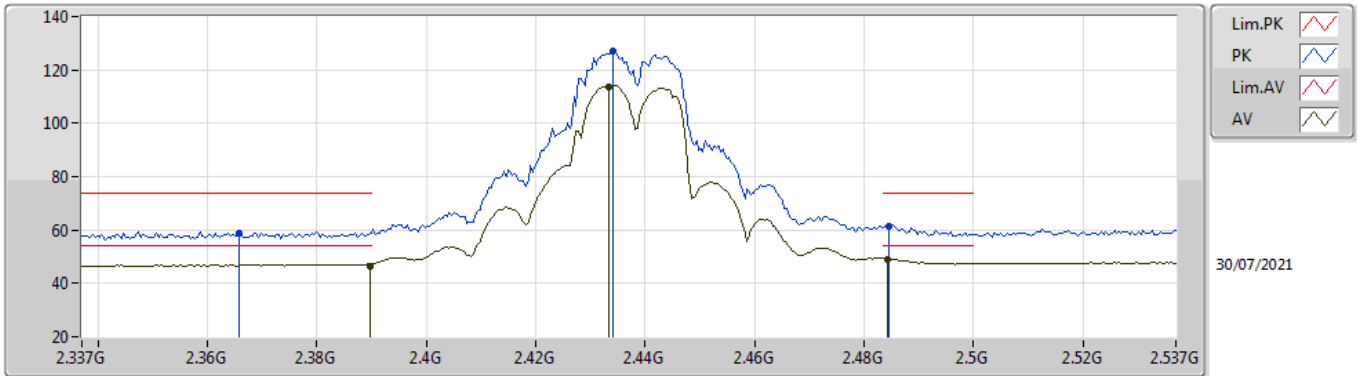


EUT Y\_2TX  
Setting 46  
02-B-E-3

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	2.3874G	58.62	74.00	-15.38	27.16	3	Vertical	0	1.21	-	28.37	3.09	-
AV	2.3898G	46.36	54.00	-7.64	14.89	3	Vertical	0	1.21	-	28.38	3.09	-
PK	2.431G	106.99	Inf	-Inf	75.47	3	Vertical	0	1.21	-	28.40	3.12	-
AV	2.4306G	92.99	Inf	-Inf	61.47	3	Vertical	0	1.21	-	28.40	3.12	-
PK	2.4894G	58.79	74.00	-15.21	27.09	3	Vertical	0	1.21	-	28.56	3.14	-
AV	2.4998G	46.65	54.00	-7.35	14.90	3	Vertical	0	1.21	-	28.60	3.15	-

802.11ax HEW20\_Nss1,(MCS0)\_2TX

2437MHz\_TX

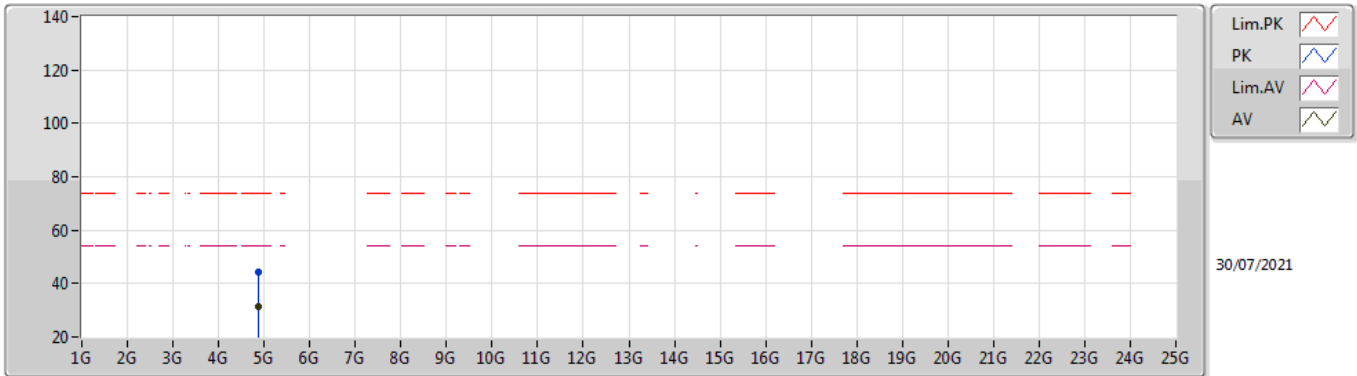


EUT Y\_2TX  
Setting 46  
02-B-E-3

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	2.3658G	58.79	74.00	-15.21	27.38	3	Horizontal	0	1.61	-	28.33	3.08	-
AV	2.3898G	46.61	54.00	-7.39	15.14	3	Horizontal	0	1.61	-	28.38	3.09	-
PK	2.4342G	126.86	Inf	-Inf	95.34	3	Horizontal	0	1.61	-	28.40	3.12	-
AV	2.4334G	113.69	Inf	-Inf	82.17	3	Horizontal	0	1.61	-	28.40	3.12	-
PK	2.4846G	61.20	74.00	-12.80	29.52	3	Horizontal	0	1.61	-	28.54	3.14	-
AV	2.4842G	48.84	54.00	-5.16	17.16	3	Horizontal	0	1.61	-	28.54	3.14	-

802.11ax HEW20\_Nss1,(MCS0)\_2TX

2437MHz\_TX



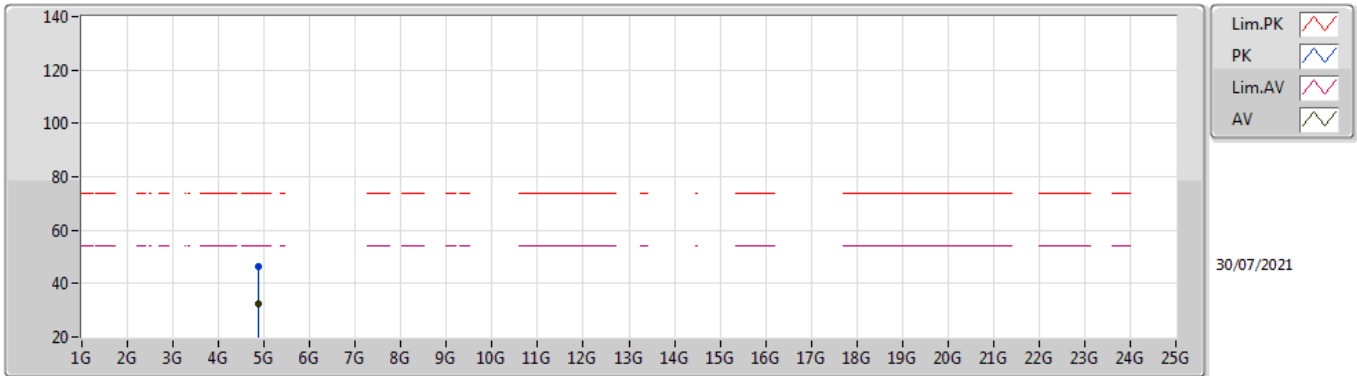
EUT Y\_2TX  
Setting 46  
02-B-E-3

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	4.8726G	44.46	74.00	-29.54	39.02	3	Vertical	0	2.46	-	32.95	4.70	32.21
AV	4.8721G	31.38	54.00	-22.62	25.95	3	Vertical	0	2.46	-	32.94	4.70	32.21



### 802.11ax HEW20\_Nss1,(MCS0)\_2TX

### 2437MHz\_TX

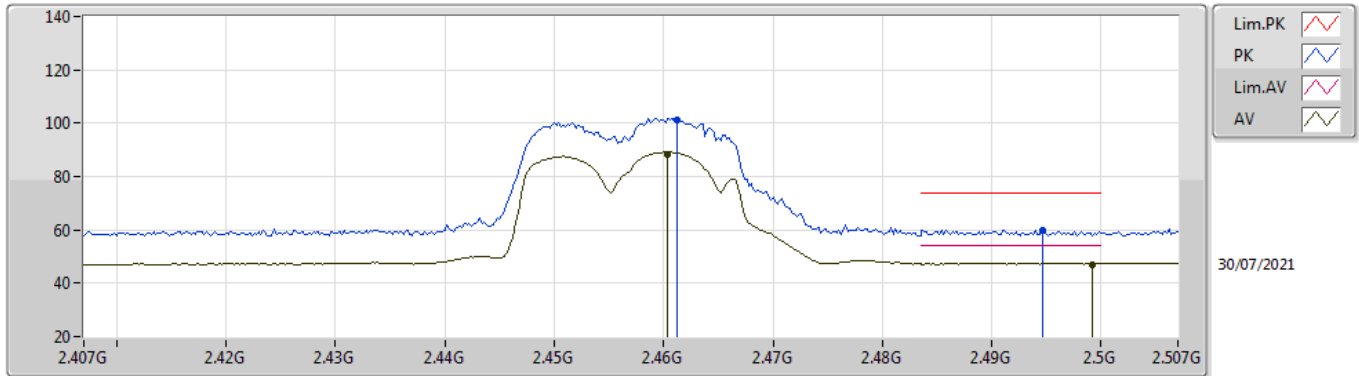


EUT Y\_2TX  
Setting 46  
02-B-E-3

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	4.8668G	46.13	74.00	-27.87	40.71	3	Horizontal	51	1.78	-	32.93	4.70	32.21
AV	4.8661G	32.24	54.00	-21.76	26.82	3	Horizontal	51	1.78	-	32.93	4.70	32.21

### 802.11ax HEW20\_Nss1,(MCS0)\_2TX

### 2457MHz\_TX

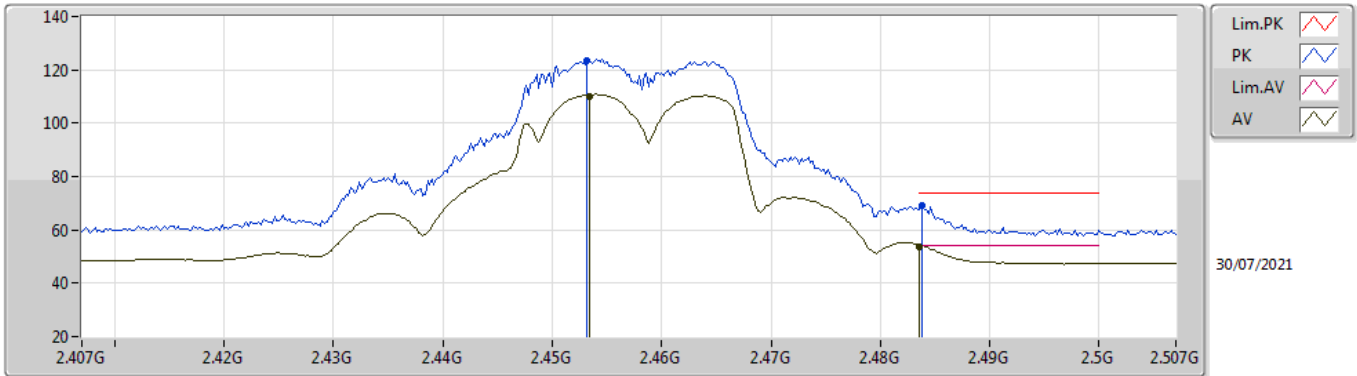


EUT Y\_2TX  
Setting 41  
02-B-K-3

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	2.4612G	101.07	Inf	-Inf	69.50	3	Vertical	360	2.45	-	28.44	3.13	-
AV	2.4604G	88.46	Inf	-Inf	56.89	3	Vertical	360	2.45	-	28.44	3.13	-
PK	2.4946G	59.62	74.00	-14.38	27.89	3	Vertical	360	2.45	-	28.58	3.15	-
AV	2.4992G	46.68	54.00	-7.32	14.93	3	Vertical	360	2.45	-	28.60	3.15	-

802.11ax HEW20\_Nss1,(MCS0)\_2TX

2457MHz\_TX

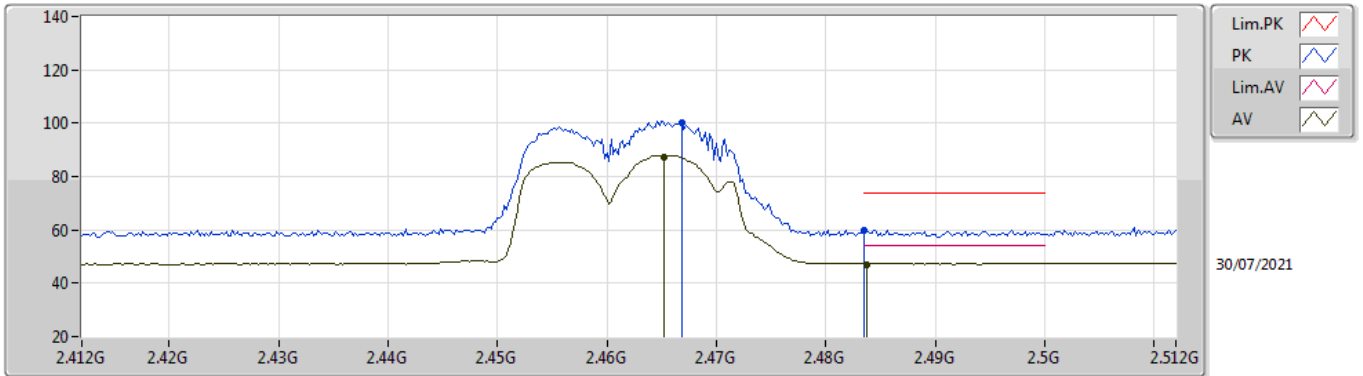


EUT Y\_2TX  
Setting 41  
02-B-K-3

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	2.4532G	123.54	Inf	-Inf	92.00	3	Horizontal	2	1.84	-	28.41	3.13	-
AV	2.4534G	110.09	Inf	-Inf	78.55	3	Horizontal	2	1.84	-	28.41	3.13	-
PK	2.4838G	69.13	74.00	-4.87	37.45	3	Horizontal	2	1.84	-	28.54	3.14	-
AV	2.4835G	53.78	54.00	-0.22	22.11	3	Horizontal	2	1.84	-	28.53	3.14	-

802.11ax HEW20\_Nss1,(MCS0)\_2TX

2462MHz\_TX

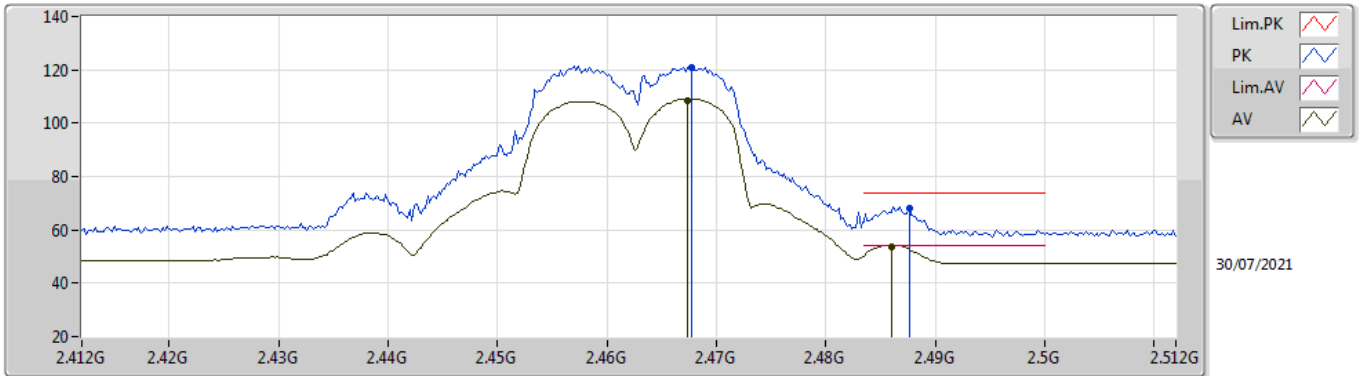


EUT Y\_2TX  
Setting 37  
02-B-E-3

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	2.4668G	100.04	Inf	-Inf	68.44	3	Vertical	360	2.46	-	28.47	3.13	-
AV	2.4652G	87.34	Inf	-Inf	55.75	3	Vertical	360	2.46	-	28.46	3.13	-
PK	2.4835G	59.67	74.00	-14.33	28.00	3	Vertical	360	2.46	-	28.53	3.14	-
AV	2.4838G	46.82	54.00	-7.18	15.14	3	Vertical	360	2.46	-	28.54	3.14	-

802.11ax HEW20\_Nss1,(MCS0)\_2TX

2462MHz\_TX

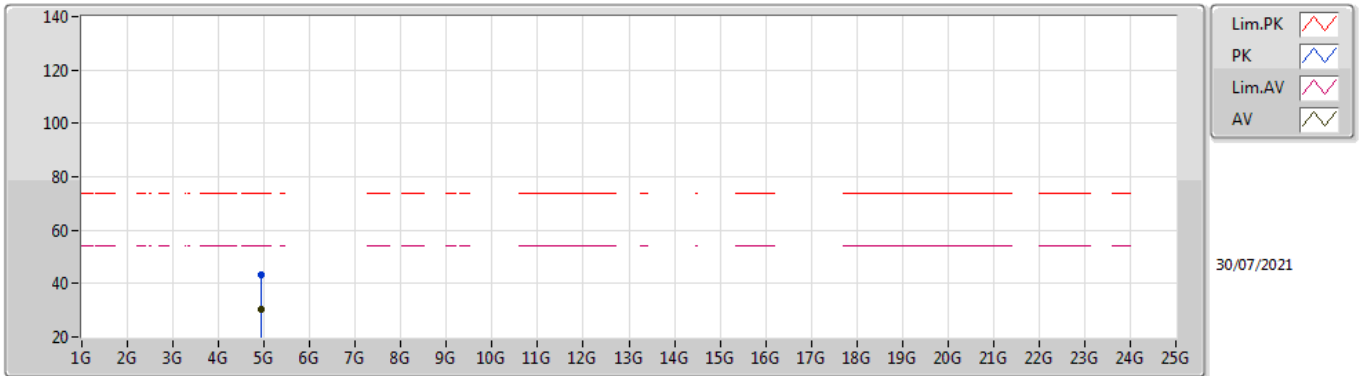


EUT Y\_2TX  
Setting 37  
02-B-E-3

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	2.4678G	120.94	Inf	-Inf	89.34	3	Horizontal	355	1.80	-	28.47	3.13	-
AV	2.4674G	108.32	Inf	-Inf	76.72	3	Horizontal	355	1.80	-	28.47	3.13	-
PK	2.4876G	67.85	74.00	-6.15	36.16	3	Horizontal	355	1.80	-	28.55	3.14	-
AV	2.486G	53.75	54.00	-0.25	22.07	3	Horizontal	355	1.80	-	28.54	3.14	-

802.11ax HEW20\_Nss1,(MCS0)\_2TX

2462MHz\_TX

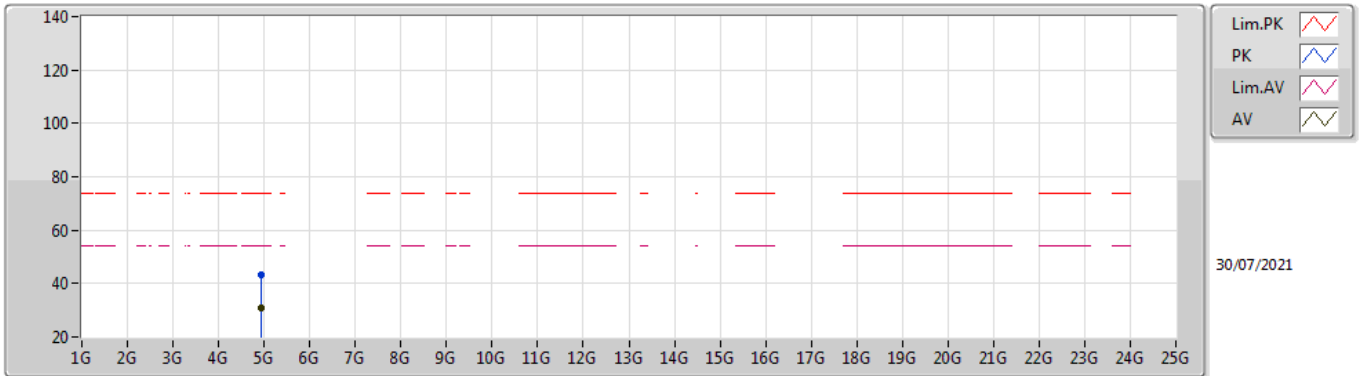


EUT Y\_2TX  
Setting 37  
02-B-E-3

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	4.9448G	43.49	74.00	-30.51	37.70	3	Vertical	360	1.80	-	33.27	4.70	32.18
AV	4.9349G	30.36	54.00	-23.64	24.63	3	Vertical	360	1.80	-	33.21	4.70	32.18

### 802.11ax HEW20\_Nss1,(MCS0)\_2TX

### 2462MHz\_TX

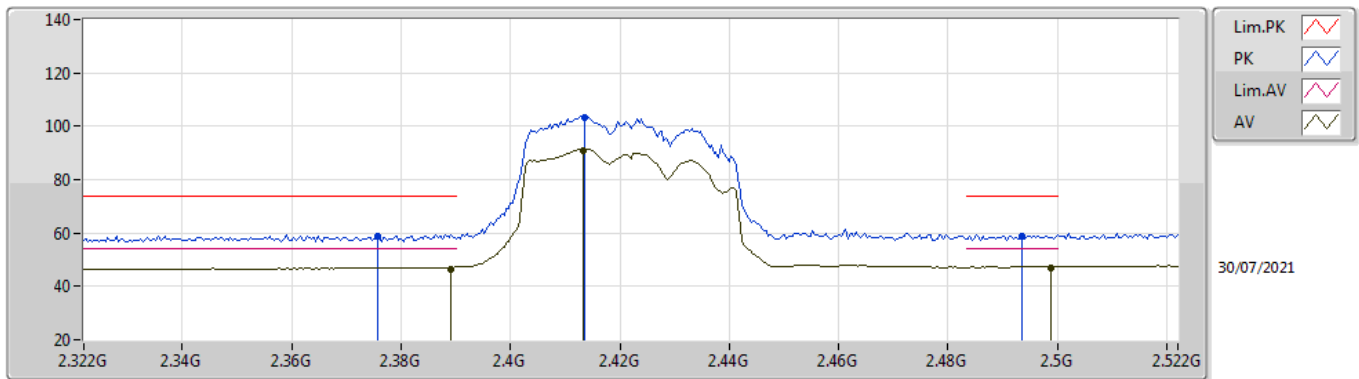


EUT Y\_2TX  
Setting 37  
02-B-E-3

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	4.9354G	43.53	74.00	-30.47	37.80	3	Horizontal	40	1.80	-	33.21	4.70	32.18
AV	4.9349G	30.68	54.00	-23.32	24.95	3	Horizontal	40	1.80	-	33.21	4.70	32.18

### 802.11ax HEW40\_Nss1,(MCS0)\_2TX

### 2422MHz\_TX



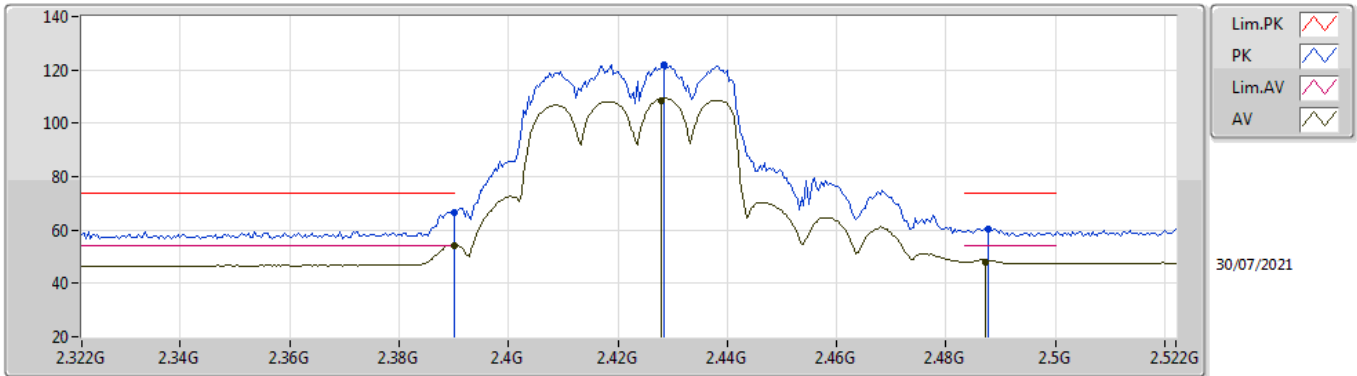
EUT Y\_2TX  
Setting 41  
02-B-E-3

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	2.3756G	58.83	74.00	-15.17	27.39	3	Vertical	33	2.83	-	28.35	3.09	-
AV	2.3892G	46.53	54.00	-7.47	15.06	3	Vertical	33	2.83	-	28.38	3.09	-
PK	2.4136G	103.22	Inf	-Inf	71.71	3	Vertical	33	2.83	-	28.40	3.11	-
AV	2.4132G	90.67	Inf	-Inf	59.16	3	Vertical	33	2.83	-	28.40	3.11	-
PK	2.4936G	58.82	74.00	-15.18	27.10	3	Vertical	33	2.83	-	28.57	3.15	-
AV	2.4988G	46.69	54.00	-7.31	14.94	3	Vertical	33	2.83	-	28.60	3.15	-



802.11ax HEW40\_Nss1,(MCS0)\_2TX

2422MHz\_TX

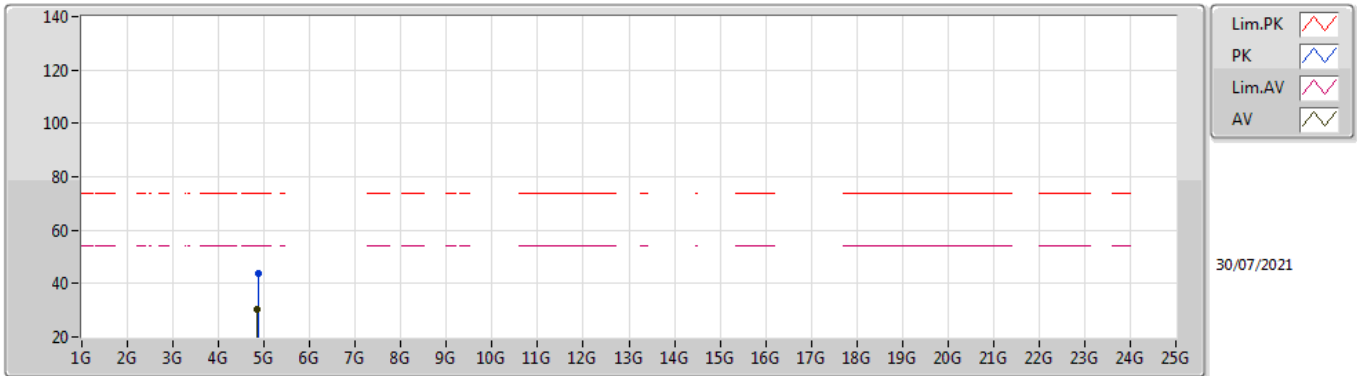


EUT\_V\_2TX  
Setting 41  
02-B-E-3

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	66.70	74.00	-7.30	35.22	3	Horizontal	0	1.67	-	28.38	3.10	-
AV	2.39G	53.94	54.00	-0.06	22.46	3	Horizontal	0	1.67	-	28.38	3.10	-
PK	2.4284G	121.78	Inf	-Inf	90.27	3	Horizontal	0	1.67	-	28.40	3.11	-
AV	2.428G	108.66	Inf	-Inf	77.15	3	Horizontal	0	1.67	-	28.40	3.11	-
PK	2.4876G	60.19	74.00	-13.81	28.50	3	Horizontal	0	1.67	-	28.55	3.14	-
AV	2.4872G	48.11	54.00	-5.89	16.42	3	Horizontal	0	1.67	-	28.55	3.14	-

802.11ax HEW40\_Nss1,(MCS0)\_2TX

2422MHz\_TX

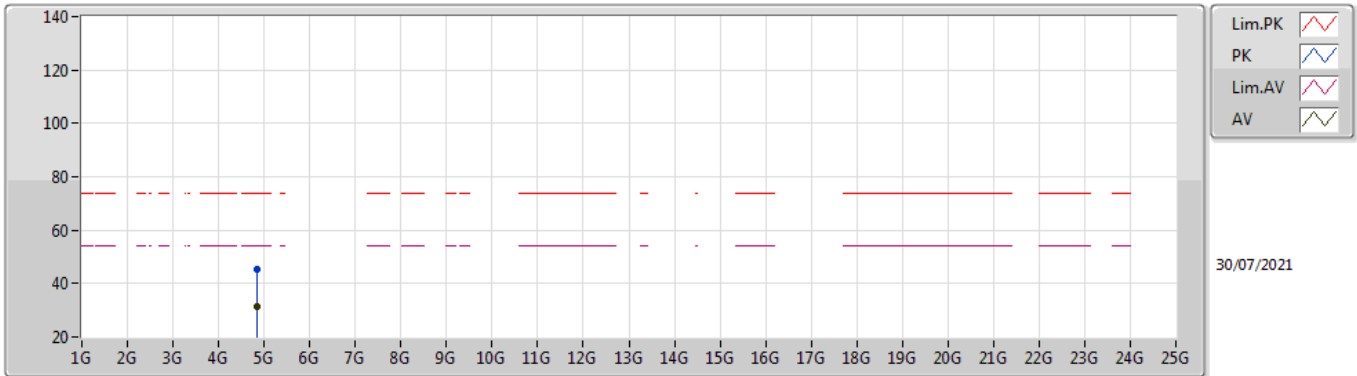


EUT Y\_2TX  
Setting 41  
02-B-E-3

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	4.8626G	43.90	74.00	-30.10	38.48	3	Vertical	358	1.80	-	32.93	4.70	32.21
AV	4.8345G	30.47	54.00	-23.53	25.15	3	Vertical	358	1.80	-	32.84	4.70	32.22

### 802.11ax HEW40\_Nss1,(MCS0)\_2TX

### 2422MHz\_TX

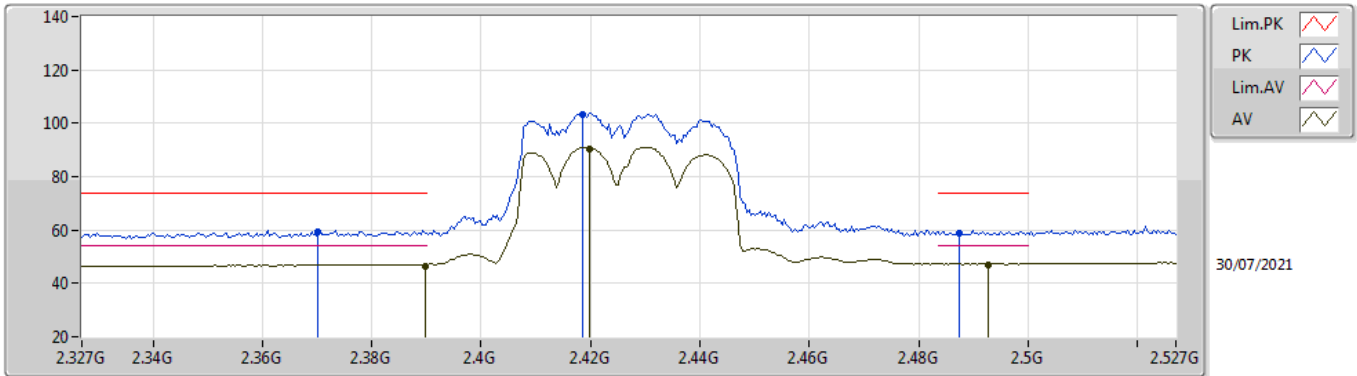


EUT Y\_2TX  
Setting 41  
02-B-E-3

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	4.8351G	45.21	74.00	-28.79	39.89	3	Horizontal	50	1.60	-	32.84	4.70	32.22
AV	4.8443G	31.54	54.00	-22.46	26.18	3	Horizontal	50	1.60	-	32.88	4.70	32.22

802.11ax HEW40\_Nss1,(MCS0)\_2TX

2427MHz\_TX

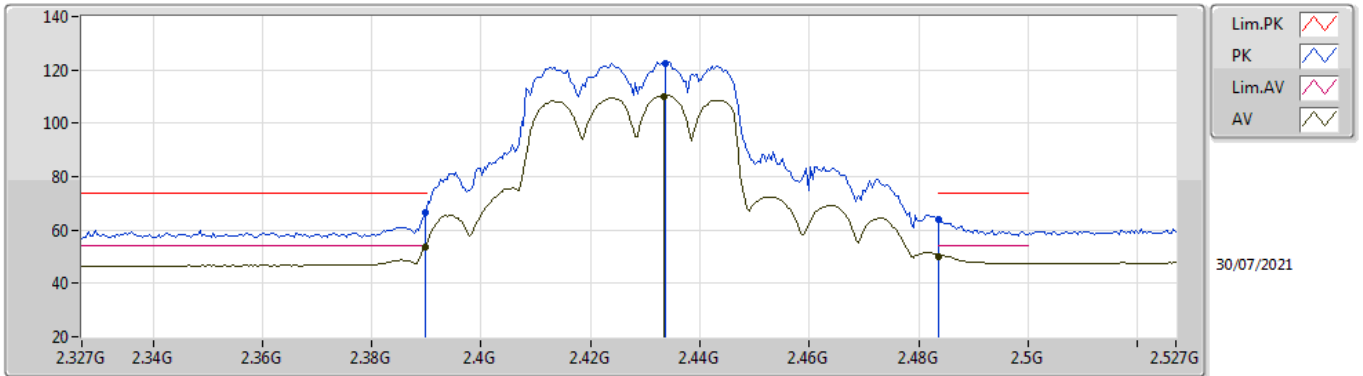


EUT Y\_2TX  
Setting 43  
02-B-K-3

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	2.3702G	59.35	74.00	-14.65	27.92	3	Vertical	351	1.20	-	28.34	3.09	-
AV	2.3898G	46.54	54.00	-7.46	15.07	3	Vertical	351	1.20	-	28.38	3.09	-
PK	2.4186G	103.40	Inf	-Inf	71.89	3	Vertical	351	1.20	-	28.40	3.11	-
AV	2.4198G	90.35	Inf	-Inf	58.84	3	Vertical	351	1.20	-	28.40	3.11	-
PK	2.4874G	59.04	74.00	-14.96	27.35	3	Vertical	351	1.20	-	28.55	3.14	-
AV	2.4926G	46.71	54.00	-7.29	14.99	3	Vertical	351	1.20	-	28.57	3.15	-

802.11ax HEW40\_Nss1,(MCS0)\_2TX

2427MHz\_TX

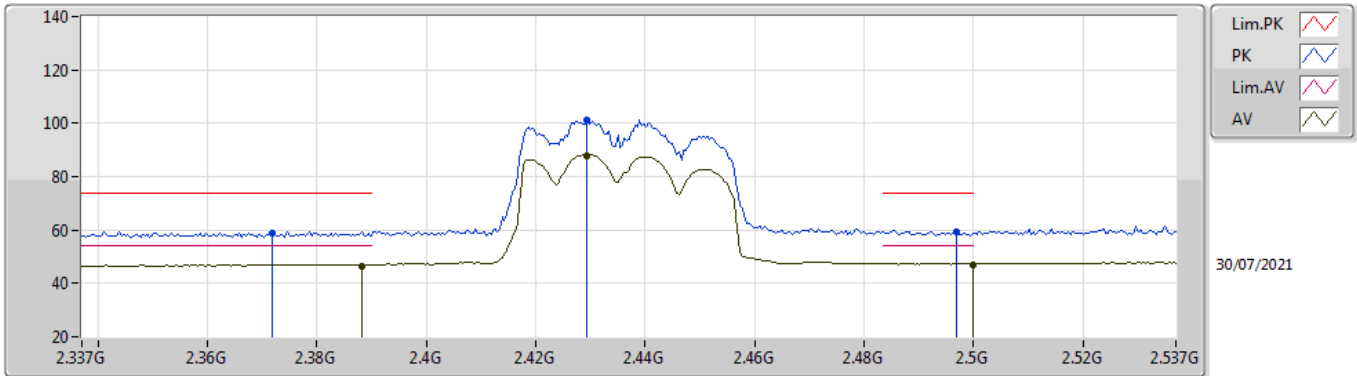


EUT V\_2TX  
Setting 43  
02-B-K-3

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	66.78	74.00	-7.22	35.31	3	Horizontal	0	1.61	-	28.38	3.09	-
AV	2.3898G	53.72	54.00	-0.28	22.25	3	Horizontal	0	1.61	-	28.38	3.09	-
PK	2.4338G	122.64	Inf	-Inf	91.12	3	Horizontal	0	1.61	-	28.40	3.12	-
AV	2.4334G	109.88	Inf	-Inf	78.36	3	Horizontal	0	1.61	-	28.40	3.12	-
PK	2.4835G	63.71	74.00	-10.29	32.04	3	Horizontal	0	1.61	-	28.53	3.14	-
AV	2.4835G	50.15	54.00	-3.85	18.48	3	Horizontal	0	1.61	-	28.53	3.14	-

802.11ax HEW40\_Nss1,(MCS0)\_2TX

2437MHz\_TX

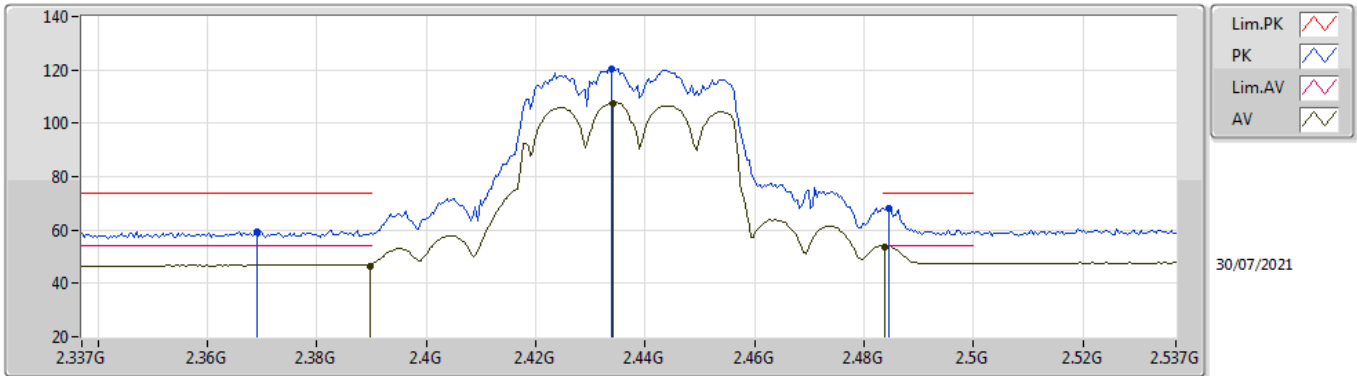


EUT V\_2TX  
Setting 37  
02-B-K-3

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	2.3718G	58.77	74.00	-15.23	27.34	3	Vertical	342	1.07	-	28.34	3.09	-
AV	2.3882G	46.33	54.00	-7.67	14.86	3	Vertical	342	1.07	-	28.38	3.09	-
PK	2.4294G	101.29	Inf	-Inf	69.78	3	Vertical	342	1.07	-	28.40	3.11	-
AV	2.4294G	87.78	Inf	-Inf	56.27	3	Vertical	342	1.07	-	28.40	3.11	-
PK	2.497G	59.38	74.00	-14.62	27.64	3	Vertical	342	1.07	-	28.59	3.15	-
AV	2.4998G	46.68	54.00	-7.32	14.93	3	Vertical	342	1.07	-	28.60	3.15	-

802.11ax HEW40\_Nss1,(MCS0)\_2TX

2437MHz\_TX

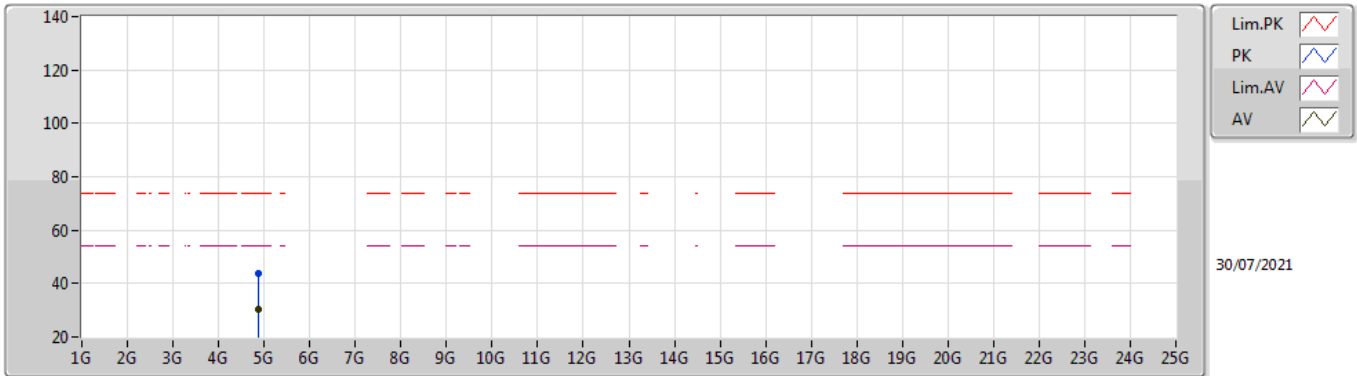


EUT\_V\_2TX  
Setting 37  
02-B-K-3

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	2.369G	59.10	74.00	-14.90	27.68	3	Horizontal	5	1.80	-	28.34	3.08	-
AV	2.3898G	46.62	54.00	-7.38	15.15	3	Horizontal	5	1.80	-	28.38	3.09	-
PK	2.4338G	120.17	Inf	-Inf	88.65	3	Horizontal	5	1.80	-	28.40	3.12	-
AV	2.4342G	107.16	Inf	-Inf	75.64	3	Horizontal	5	1.80	-	28.40	3.12	-
PK	2.4846G	68.14	74.00	-5.86	36.46	3	Horizontal	5	1.80	-	28.54	3.14	-
AV	2.4838G	53.43	54.00	-0.57	21.75	3	Horizontal	5	1.80	-	28.54	3.14	-

### 802.11ax HEW40\_Nss1,(MCS0)\_2TX

### 2437MHz\_TX



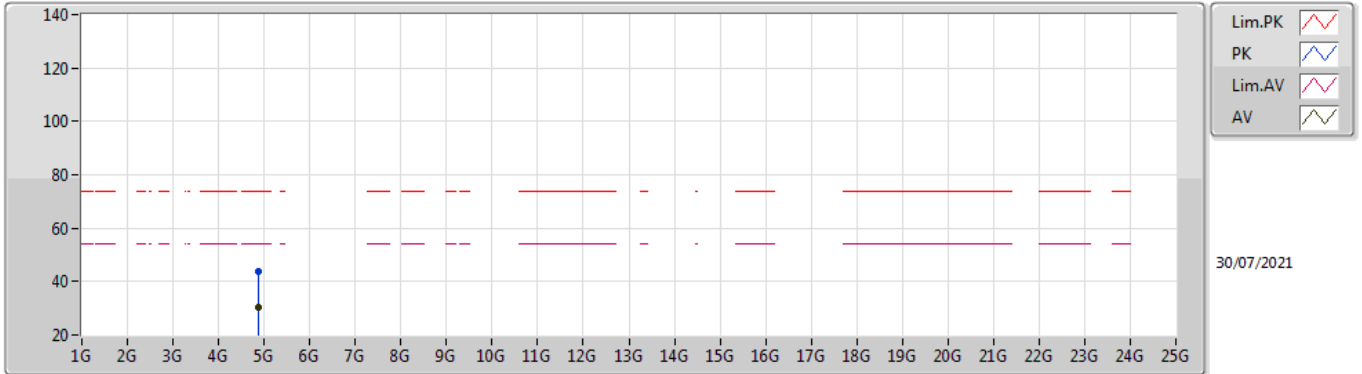
EUT Y\_2TX  
Setting 37  
02-B-K-3

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	4.8588G	43.58	74.00	-30.42	38.17	3	Vertical	235	1.80	-	32.92	4.70	32.21
AV	4.8618G	30.14	54.00	-23.86	24.73	3	Vertical	235	1.80	-	32.92	4.70	32.21



### 802.11ax HEW40\_Nss1,(MCS0)\_2TX

### 2437MHz\_TX

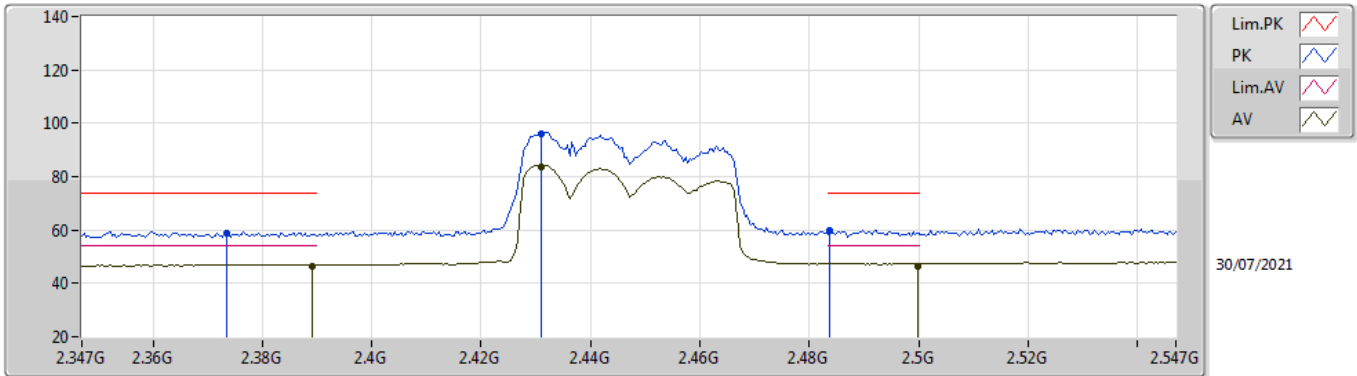


EUT Y\_2TX  
Setting 37  
02-B-K-3

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	4.8635G	43.59	74.00	-30.41	38.17	3	Horizontal	40	1.80	-	32.93	4.70	32.21
AV	4.8628G	30.40	54.00	-23.60	24.98	3	Horizontal	40	1.80	-	32.93	4.70	32.21

802.11ax HEW40\_Nss1,(MCS0)\_2TX

2447MHz\_TX

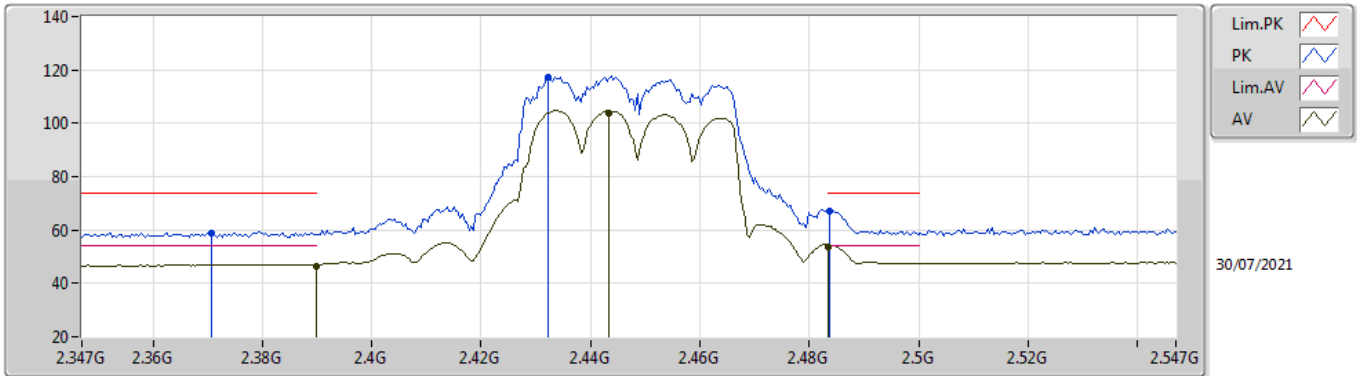


EUT Y\_2TX  
Setting 31  
02-B-K-3

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	2.3734G	58.80	74.00	-15.20	27.36	3	Vertical	357	1.19	-	28.35	3.09	-
AV	2.389G	46.32	54.00	-7.68	14.85	3	Vertical	357	1.19	-	28.38	3.09	-
PK	2.431G	95.95	Inf	-Inf	64.43	3	Vertical	357	1.19	-	28.40	3.12	-
AV	2.431G	83.77	Inf	-Inf	52.25	3	Vertical	357	1.19	-	28.40	3.12	-
PK	2.4838G	60.04	74.00	-13.96	28.36	3	Vertical	357	1.19	-	28.54	3.14	-
AV	2.4998G	46.61	54.00	-7.39	14.86	3	Vertical	357	1.19	-	28.60	3.15	-

802.11ax HEW40\_Nss1,(MCS0)\_2TX

2447MHz\_TX

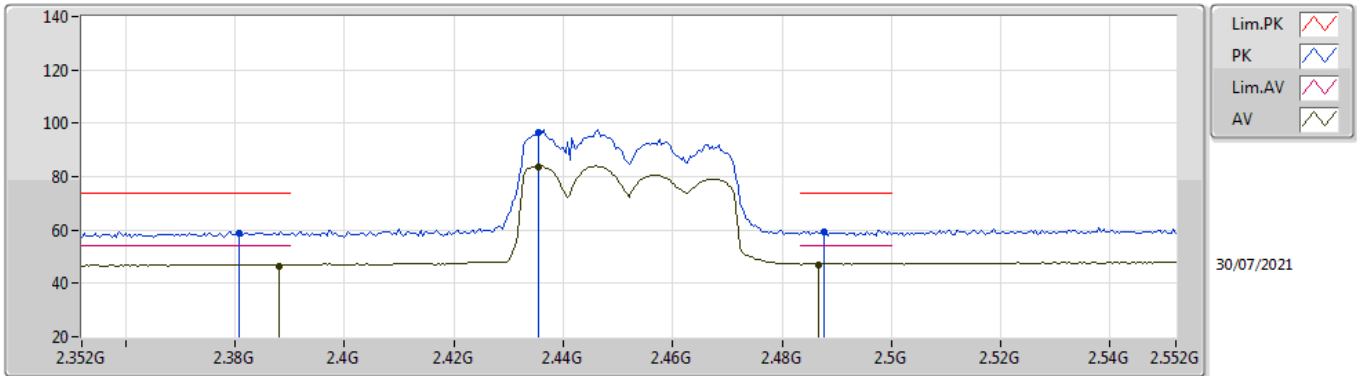


EUT V\_2TX  
Setting 31  
02-B-K-3

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	2.3706G	58.56	74.00	-15.44	27.13	3	Horizontal	1	1.80	-	28.34	3.09	-
AV	2.3898G	46.38	54.00	-7.62	14.91	3	Horizontal	1	1.80	-	28.38	3.09	-
PK	2.4322G	117.47	Inf	-Inf	85.95	3	Horizontal	1	1.80	-	28.40	3.12	-
AV	2.4434G	103.95	Inf	-Inf	72.43	3	Horizontal	1	1.80	-	28.40	3.12	-
PK	2.4838G	67.14	74.00	-6.86	35.46	3	Horizontal	1	1.80	-	28.54	3.14	-
AV	2.4835G	53.80	54.00	-0.20	22.13	3	Horizontal	1	1.80	-	28.53	3.14	-

802.11ax HEW40\_Nss1,(MCS0)\_2TX

2452MHz\_TX



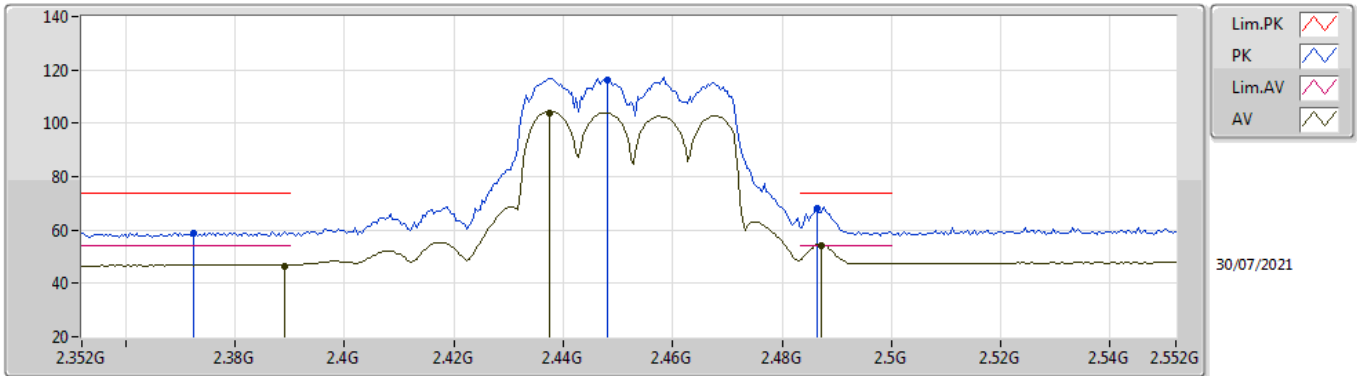
30/07/2021

EUT V\_2TX  
Setting 30  
02-B-K-3

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	2.3808G	58.64	74.00	-15.36	27.19	3	Vertical	345	1.05	-	28.36	3.09	-
AV	2.388G	46.32	54.00	-7.68	14.85	3	Vertical	345	1.05	-	28.38	3.09	-
PK	2.4356G	96.80	Inf	-Inf	65.28	3	Vertical	345	1.05	-	28.40	3.12	-
AV	2.4356G	83.39	Inf	-Inf	51.87	3	Vertical	345	1.05	-	28.40	3.12	-
PK	2.4876G	59.51	74.00	-14.49	27.82	3	Vertical	345	1.05	-	28.55	3.14	-
AV	2.4868G	46.76	54.00	-7.24	15.07	3	Vertical	345	1.05	-	28.55	3.14	-

802.11ax HEW40\_Nss1,(MCS0)\_2TX

2452MHz\_TX

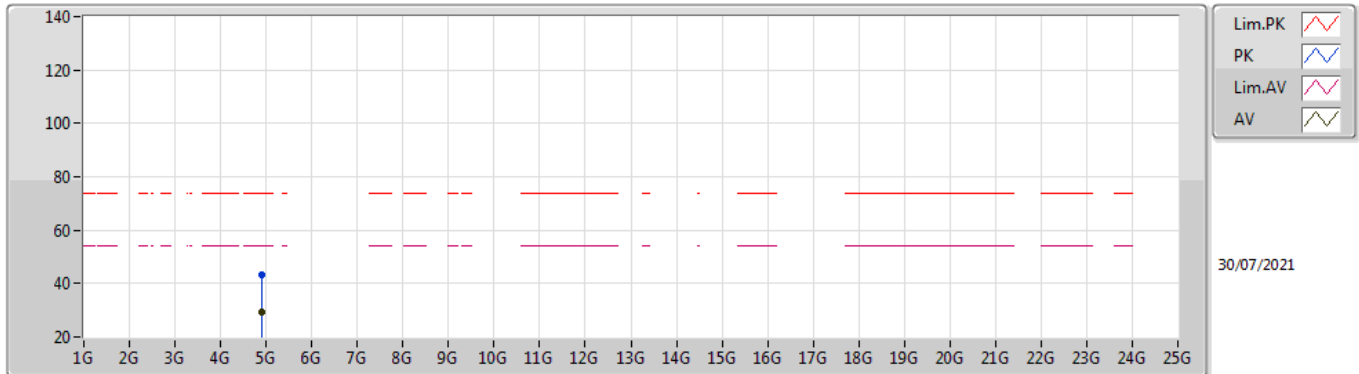


EUT V\_2TX  
Setting 30  
02-B-K-3

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	2.3724G	58.91	74.00	-15.09	27.48	3	Horizontal	356	1.80	-	28.34	3.09	-
AV	2.3892G	46.46	54.00	-7.54	14.99	3	Horizontal	356	1.80	-	28.38	3.09	-
PK	2.448G	116.44	Inf	-Inf	84.92	3	Horizontal	356	1.80	-	28.40	3.12	-
AV	2.4376G	103.74	Inf	-Inf	72.22	3	Horizontal	356	1.80	-	28.40	3.12	-
PK	2.4864G	67.91	74.00	-6.09	36.22	3	Horizontal	356	1.80	-	28.55	3.14	-
AV	2.4872G	53.94	54.00	-0.06	22.25	3	Horizontal	356	1.80	-	28.55	3.14	-

### 802.11ax HEW40\_Nss1,(MCS0)\_2TX

### 2452MHz\_TX

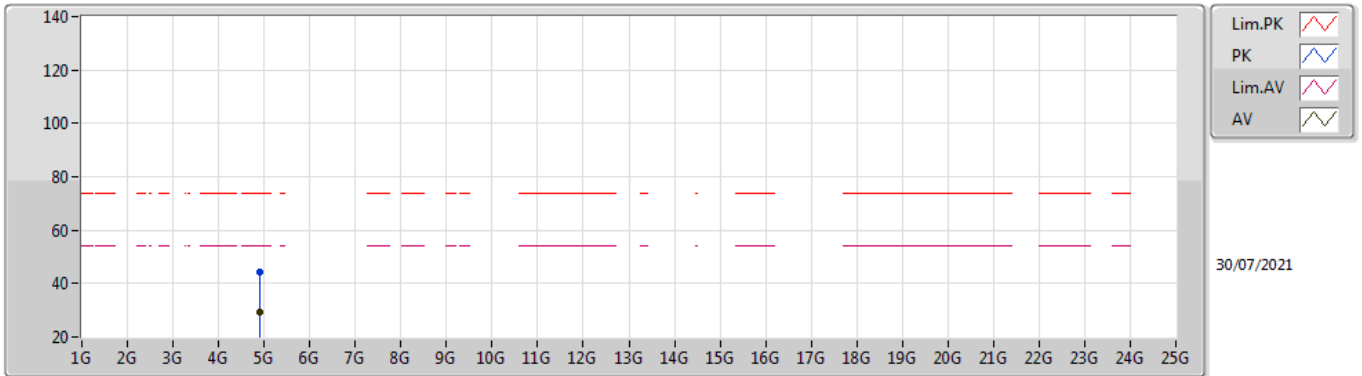


EUT Y\_2TX  
Setting 30  
02-B-K-3

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	4.9034G	43.38	74.00	-30.62	37.85	3	Vertical	170	2.03	-	33.02	4.70	32.19
AV	4.90203G	29.45	54.00	-24.55	23.94	3	Vertical	170	2.03	-	33.01	4.70	32.20

### 802.11ax HEW40\_Nss1,(MCS0)\_2TX

### 2452MHz\_TX



EUT Y\_2TX  
Setting 30  
02-B-K-3

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	4.90571G	44.10	74.00	-29.90	38.56	3	Horizontal	257	2.64	-	33.03	4.70	32.19
AV	4.90614G	29.44	54.00	-24.56	23.89	3	Horizontal	257	2.64	-	33.04	4.70	32.19



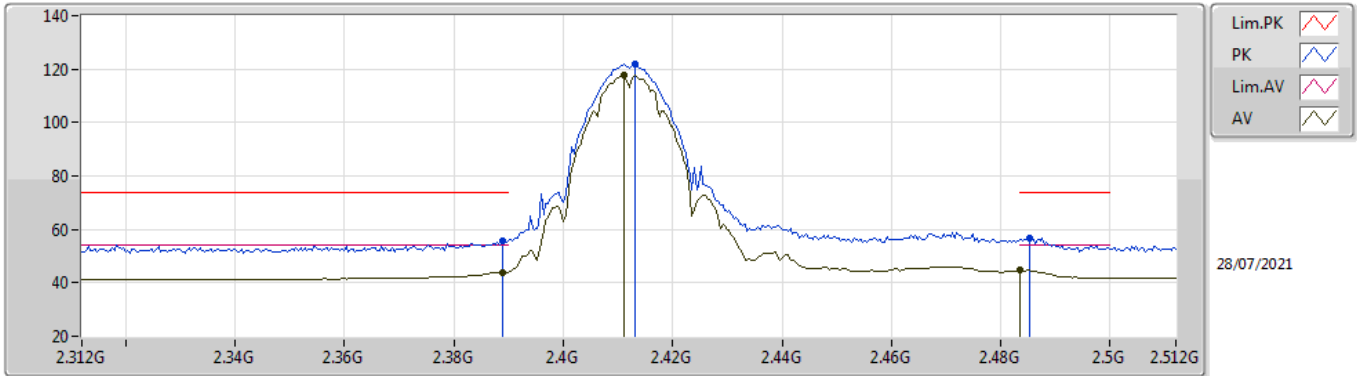
**Summary**

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_Nss1,(MCS0)_2TX	Pass	AV	2.4835G	53.87	54.00	-0.13	3	Vertical	176.9	1.92	-



### 802.11b\_Nss1,(1Mbps)\_2TX

### 2412MHz\_TX

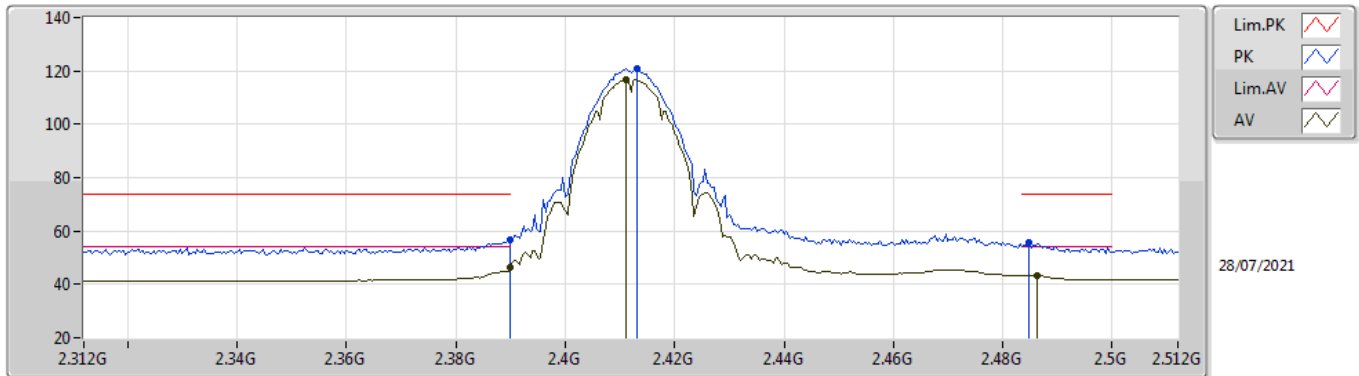


EUT\_Y\_2TX  
Setting 46  
01-A-S-5

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	2.3888G	55.78	74.00	-18.22	26.21	3	Vertical	174	1.80	-	27.38	2.19	-
AV	2.3888G	44.05	54.00	-9.95	14.48	3	Vertical	174	1.80	-	27.38	2.19	-
PK	2.4132G	121.83	Inf	-Inf	92.19	3	Vertical	174	1.80	-	27.43	2.21	-
AV	2.4112G	117.87	Inf	-Inf	88.24	3	Vertical	174	1.80	-	27.42	2.21	-
PK	2.4852G	56.78	74.00	-17.22	26.78	3	Vertical	174	1.80	-	27.71	2.29	-
AV	2.4835G	44.74	54.00	-9.26	14.76	3	Vertical	174	1.80	-	27.70	2.28	-

### 802.11b\_Nss1,(1Mbps)\_2TX

### 2412MHz\_TX

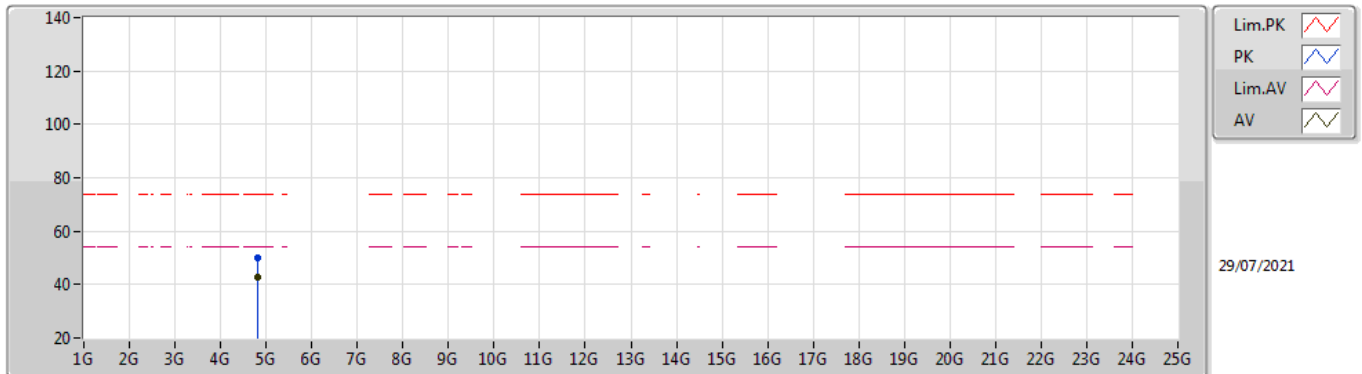


EUT\_V\_2TX  
Setting 46  
01-A-S-5

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	2.39G	56.77	74.00	-17.23	27.20	3	Horizontal	182	2.20	-	27.38	2.19	-
AV	2.39G	46.21	54.00	-7.79	16.64	3	Horizontal	182	2.20	-	27.38	2.19	-
PK	2.4132G	120.71	Inf	-Inf	91.07	3	Horizontal	182	2.20	-	27.43	2.21	-
AV	2.4112G	116.85	Inf	-Inf	87.22	3	Horizontal	182	2.20	-	27.42	2.21	-
PK	2.4848G	55.71	74.00	-18.29	25.72	3	Horizontal	182	2.20	-	27.71	2.28	-
AV	2.4864G	43.53	54.00	-10.47	13.52	3	Horizontal	182	2.20	-	27.72	2.29	-

### 802.11b\_Nss1,(1Mbps)\_2TX

### 2412MHz\_TX

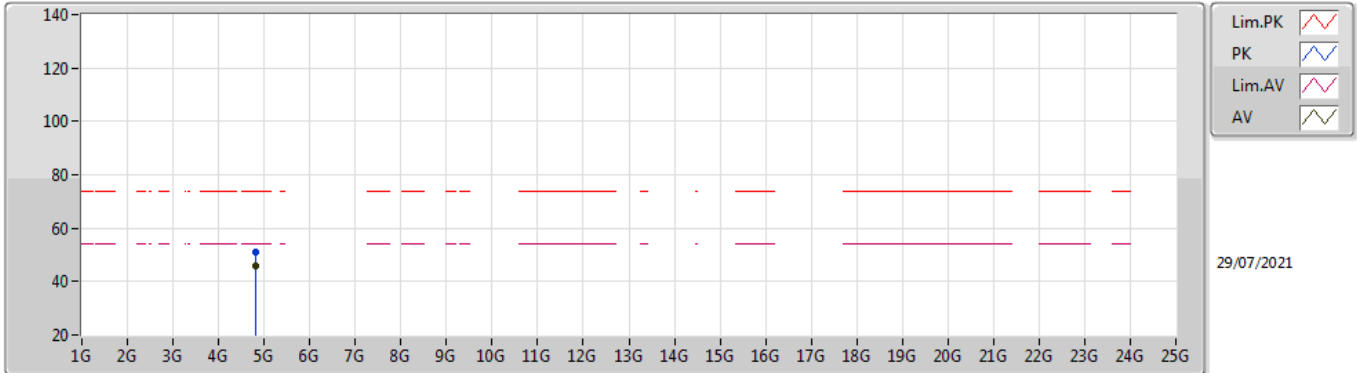


EUT Y\_2TX  
Setting 46  
01-A-S-5

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	4.82404G	49.84	74.00	-24.16	45.57	3	Vertical	19	1.67	-	32.24	5.01	32.98
AV	4.824G	42.79	54.00	-11.21	38.52	3	Vertical	19	1.67	-	32.24	5.01	32.98

### 802.11b\_Nss1,(1Mbps)\_2TX

### 2412MHz\_TX

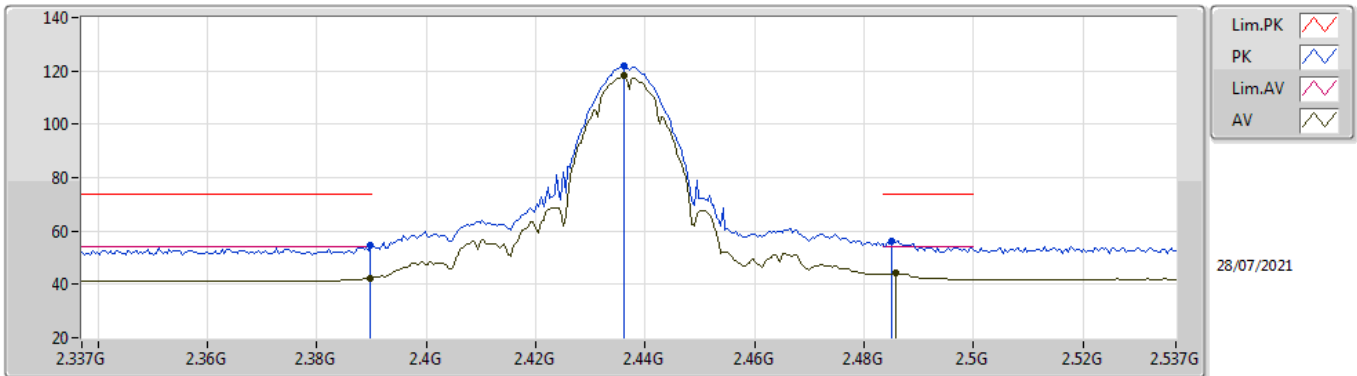


EUT Y\_2TX  
Setting 46  
01-A-S-5

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	51.06	74.00	-22.94	46.79	3	Horizontal	332	2.26	-	32.24	5.01	32.98
AV	4.824G	45.93	54.00	-8.07	41.66	3	Horizontal	332	2.26	-	32.24	5.01	32.98

### 802.11b\_Nss1,(1Mbps)\_2TX

### 2437MHz\_TX

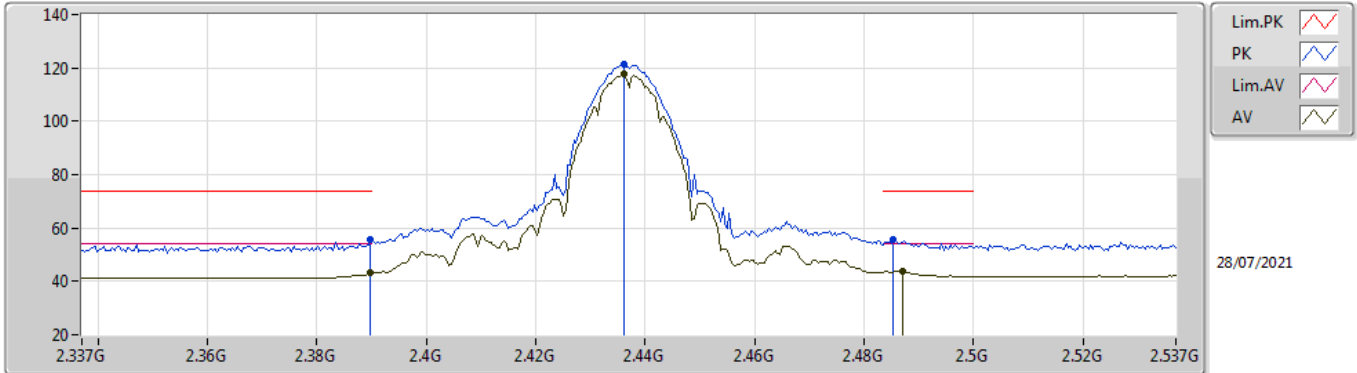


EUT\_V\_2TX  
Setting 46  
01-A-S-5

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	54.44	74.00	-19.56	24.87	3	Vertical	178.3	1.96	-	27.38	2.19	-
AV	2.3898G	42.42	54.00	-11.58	12.85	3	Vertical	178.3	1.96	-	27.38	2.19	-
PK	2.4362G	121.89	Inf	-Inf	92.18	3	Vertical	178.3	1.96	-	27.47	2.24	-
AV	2.4362G	118.07	Inf	-Inf	88.36	3	Vertical	178.3	1.96	-	27.47	2.24	-
PK	2.485G	56.35	74.00	-17.65	26.35	3	Vertical	178.3	1.96	-	27.71	2.29	-
AV	2.4858G	44.32	54.00	-9.68	14.32	3	Vertical	178.3	1.96	-	27.71	2.29	-

### 802.11b\_Nss1,(1Mbps)\_2TX

### 2437MHz\_TX

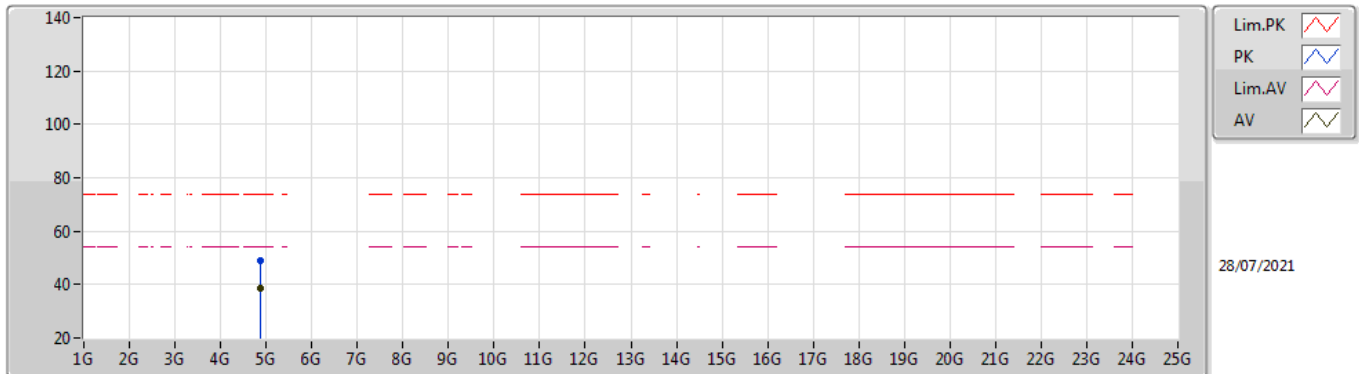


EUT\_V\_2TX  
Setting 46  
01-A-S-5

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	55.47	74.00	-18.53	25.90	3	Horizontal	181.3	2.11	-	27.38	2.19	-
AV	2.3898G	43.04	54.00	-10.96	13.47	3	Horizontal	181.3	2.11	-	27.38	2.19	-
PK	2.4362G	121.43	Inf	-Inf	91.72	3	Horizontal	181.3	2.11	-	27.47	2.24	-
AV	2.4362G	117.51	Inf	-Inf	87.80	3	Horizontal	181.3	2.11	-	27.47	2.24	-
PK	2.4854G	55.45	74.00	-18.55	25.45	3	Horizontal	181.3	2.11	-	27.71	2.29	-
AV	2.487G	43.63	54.00	-10.37	13.62	3	Horizontal	181.3	2.11	-	27.72	2.29	-

### 802.11b\_Nss1,(1Mbps)\_2TX

### 2437MHz\_TX

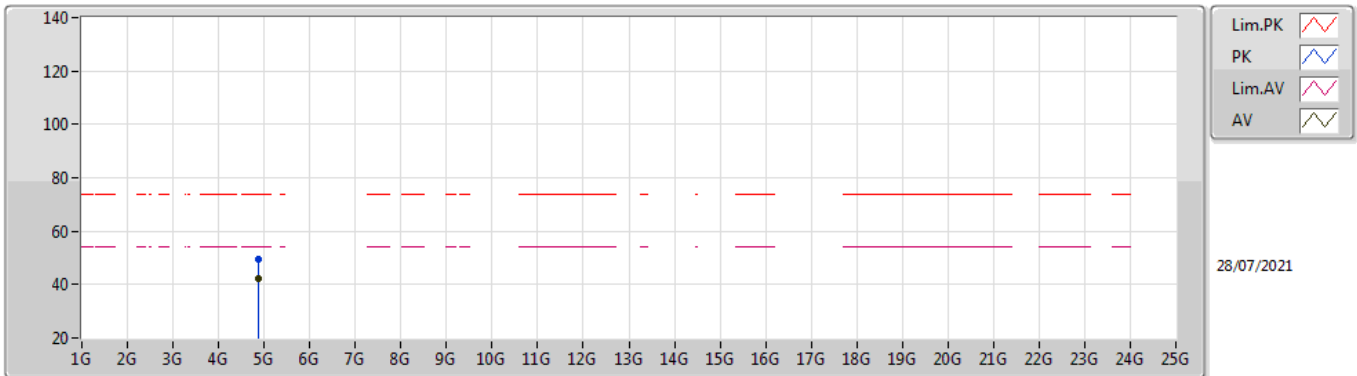


EUT Y\_2TX  
Setting 46  
01-A-S-5

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	4.87404G	48.71	74.00	-25.29	44.20	3	Vertical	325	1.80	-	32.45	5.04	32.98
AV	4.87396G	38.87	54.00	-15.13	34.36	3	Vertical	325	1.80	-	32.45	5.04	32.98

### 802.11b\_Nss1,(1Mbps)\_2TX

### 2437MHz\_TX



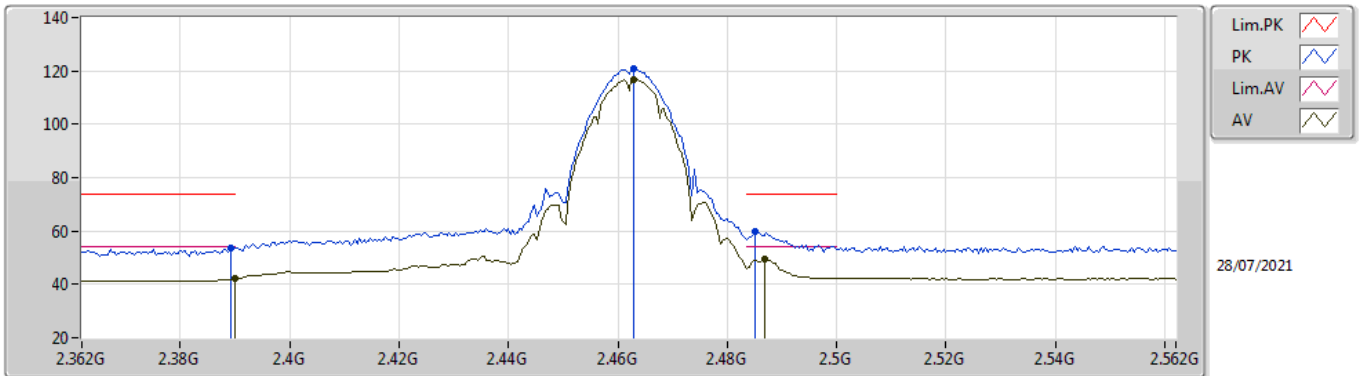
EUT Y\_2TX  
Setting 46  
01-A-S-5

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	4.87388G	49.38	74.00	-24.62	44.87	3	Horizontal	321	1.80	-	32.45	5.04	32.98
AV	4.87396G	42.28	54.00	-11.72	37.77	3	Horizontal	321	1.80	-	32.45	5.04	32.98



### 802.11b\_Nss1,(1Mbps)\_2TX

### 2462MHz\_TX

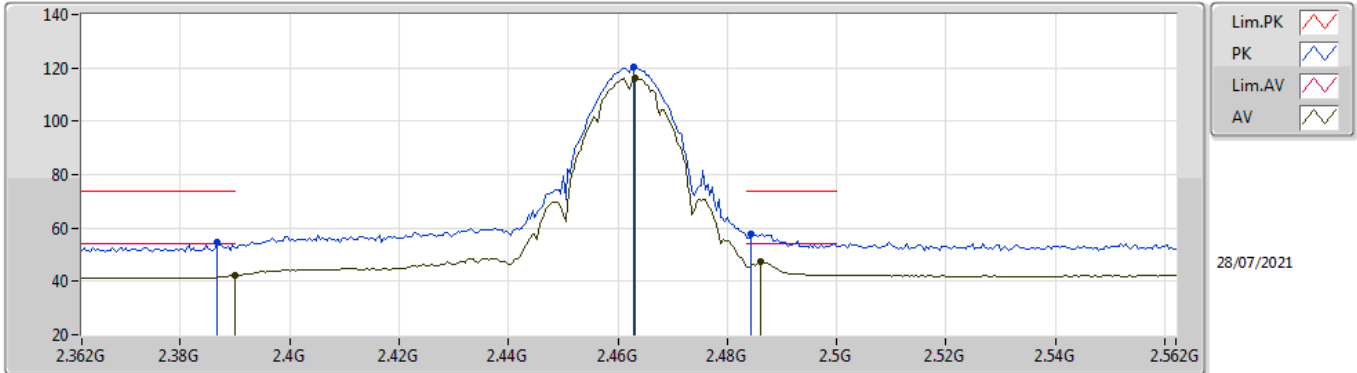


EUT\_V\_2TX  
Setting 46  
01-A-S-5

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	2.3892G	53.53	74.00	-20.47	23.96	3	Vertical	179.6	1.93	-	27.38	2.19	-
AV	2.39G	42.14	54.00	-11.86	12.57	3	Vertical	179.6	1.93	-	27.38	2.19	-
PK	2.4628G	121.08	Inf	-Inf	91.24	3	Vertical	179.6	1.93	-	27.58	2.26	-
AV	2.4628G	116.98	Inf	-Inf	87.14	3	Vertical	179.6	1.93	-	27.58	2.26	-
PK	2.4852G	59.83	74.00	-14.17	29.83	3	Vertical	179.6	1.93	-	27.71	2.29	-
AV	2.4868G	49.30	54.00	-4.70	19.29	3	Vertical	179.6	1.93	-	27.72	2.29	-

### 802.11b\_Nss1,(1Mbps)\_2TX

### 2462MHz\_TX

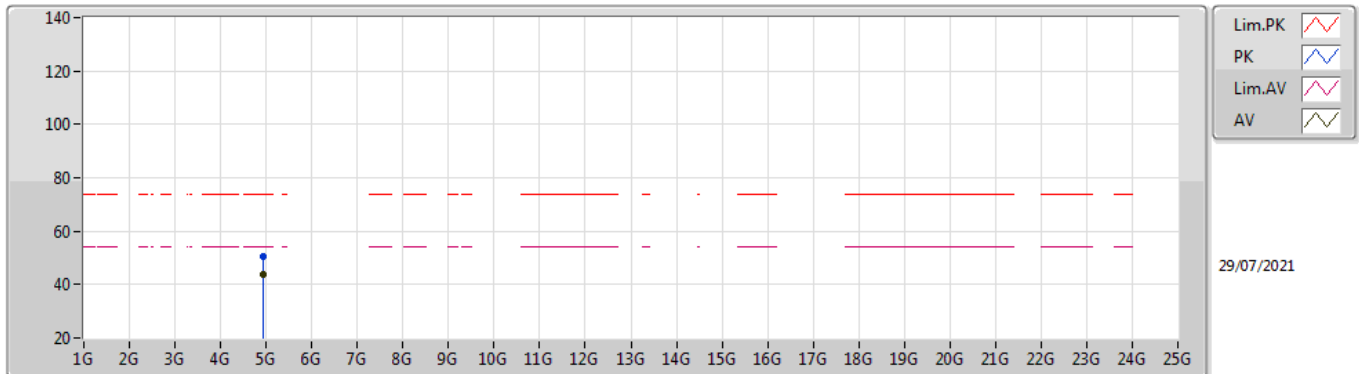


EUT\_V\_2TX  
Setting 46  
01-A-S-5

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	2.3868G	54.50	74.00	-19.50	24.94	3	Horizontal	181.5	2.18	-	27.37	2.19	-
AV	2.39G	42.20	54.00	-11.80	12.63	3	Horizontal	181.5	2.18	-	27.38	2.19	-
PK	2.4628G	120.55	Inf	-Inf	90.71	3	Horizontal	181.5	2.18	-	27.58	2.26	-
AV	2.4632G	116.34	Inf	-Inf	86.50	3	Horizontal	181.5	2.18	-	27.58	2.26	-
PK	2.4844G	57.82	74.00	-16.18	27.83	3	Horizontal	181.5	2.18	-	27.71	2.28	-
AV	2.486G	47.18	54.00	-6.82	17.17	3	Horizontal	181.5	2.18	-	27.72	2.29	-

### 802.11b\_Nss1,(1Mbps)\_2TX

### 2462MHz\_TX

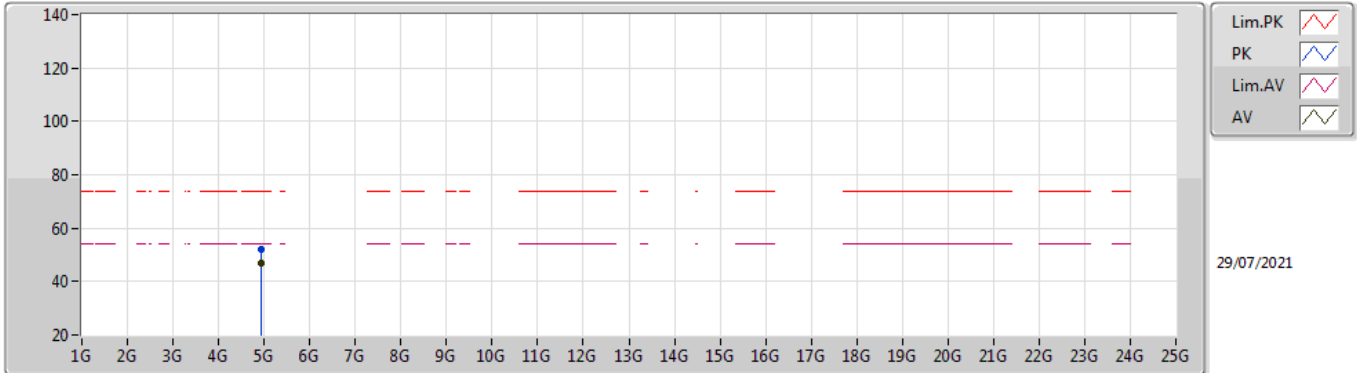


EUT Y\_2TX  
Setting 46  
01-A-S-5

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	4.92412G	50.48	74.00	-23.52	45.75	3	Vertical	23	1.05	-	32.64	5.06	32.97
AV	4.92396G	44.00	54.00	-10.00	39.27	3	Vertical	23	1.05	-	32.64	5.06	32.97

### 802.11b\_Nss1,(1Mbps)\_2TX

### 2462MHz\_TX

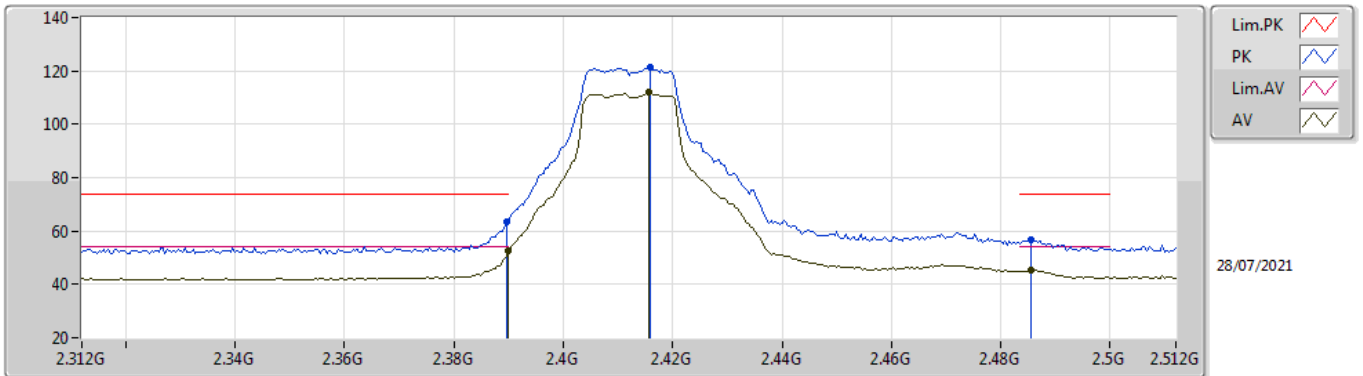


EUT Y\_2TX  
Setting 46  
01-A-S-5

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	4.92396G	52.28	74.00	-21.72	47.55	3	Horizontal	34	1.71	-	32.64	5.06	32.97
AV	4.92396G	46.96	54.00	-7.04	42.23	3	Horizontal	34	1.71	-	32.64	5.06	32.97

### 802.11g\_Nss1,(6Mbps)\_2TX

### 2412MHz\_TX

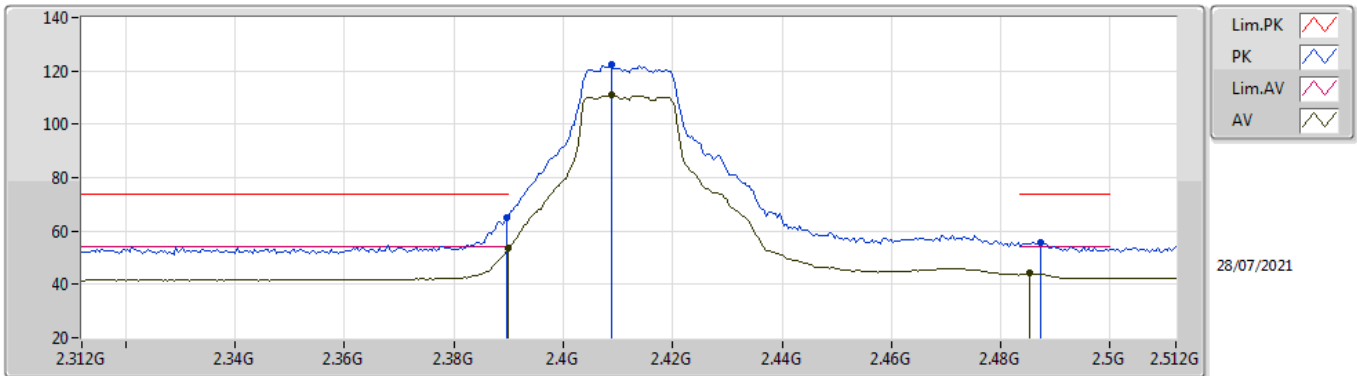


EUT\_V\_2TX  
Setting 43  
01-A-S-5

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	2.3896G	63.43	74.00	-10.57	33.86	3	Vertical	179	1.78	-	27.38	2.19	-
AV	2.39G	52.54	54.00	-1.46	22.97	3	Vertical	179	1.78	-	27.38	2.19	-
PK	2.416G	121.18	Inf	-Inf	91.53	3	Vertical	179	1.78	-	27.43	2.22	-
AV	2.4156G	111.85	Inf	-Inf	82.20	3	Vertical	179	1.78	-	27.43	2.22	-
PK	2.4856G	56.52	74.00	-17.48	26.52	3	Vertical	179	1.78	-	27.71	2.29	-
AV	2.4856G	45.59	54.00	-8.41	15.59	3	Vertical	179	1.78	-	27.71	2.29	-

### 802.11g\_Nss1,(6Mbps)\_2TX

### 2412MHz\_TX

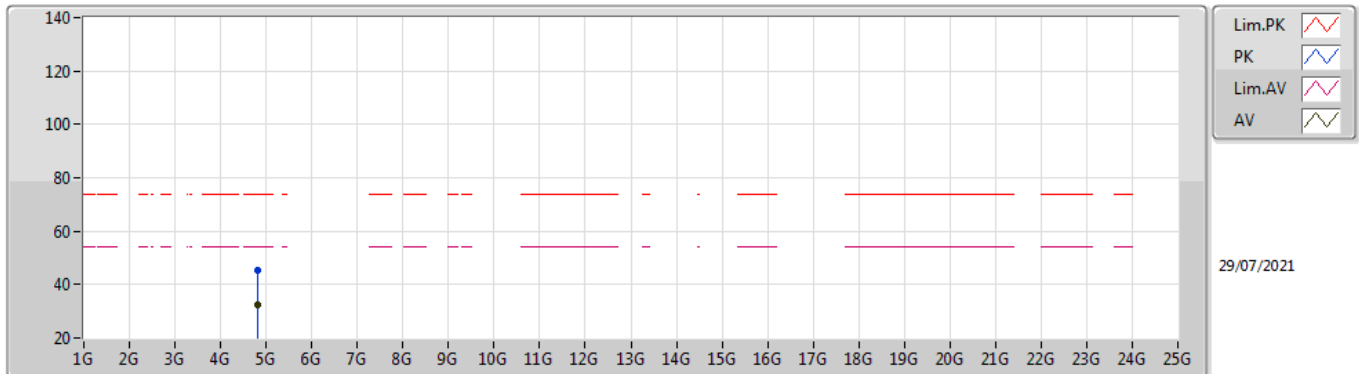


EUT\_V\_2TX  
Setting 43  
01-A-S-5

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	2.3896G	64.78	74.00	-9.22	35.21	3	Horizontal	180	1.94	-	27.38	2.19	-
AV	2.39G	53.77	54.00	-0.23	24.20	3	Horizontal	180	1.94	-	27.38	2.19	-
PK	2.4088G	122.40	Inf	-Inf	92.77	3	Horizontal	180	1.94	-	27.42	2.21	-
AV	2.4088G	111.22	Inf	-Inf	81.59	3	Horizontal	180	1.94	-	27.42	2.21	-
PK	2.4872G	55.69	74.00	-18.31	25.68	3	Horizontal	180	1.94	-	27.72	2.29	-
AV	2.4852G	44.08	54.00	-9.92	14.08	3	Horizontal	180	1.94	-	27.71	2.29	-

### 802.11g\_Nss1,(6Mbps)\_2TX

### 2412MHz\_TX

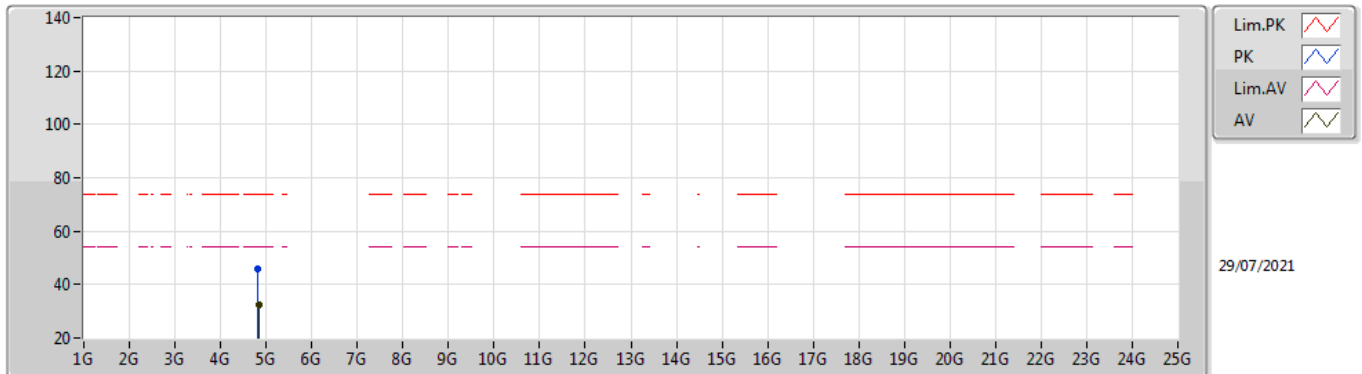


EUT Y\_2TX  
Setting 43  
01-A-S-5

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	4.82056G	45.22	74.00	-28.78	40.98	3	Vertical	127	2.09	-	32.22	5.01	32.99
AV	4.82544G	32.38	54.00	-21.62	28.10	3	Vertical	127	2.09	-	32.25	5.01	32.98

### 802.11g\_Nss1,(6Mbps)\_2TX

### 2412MHz\_TX



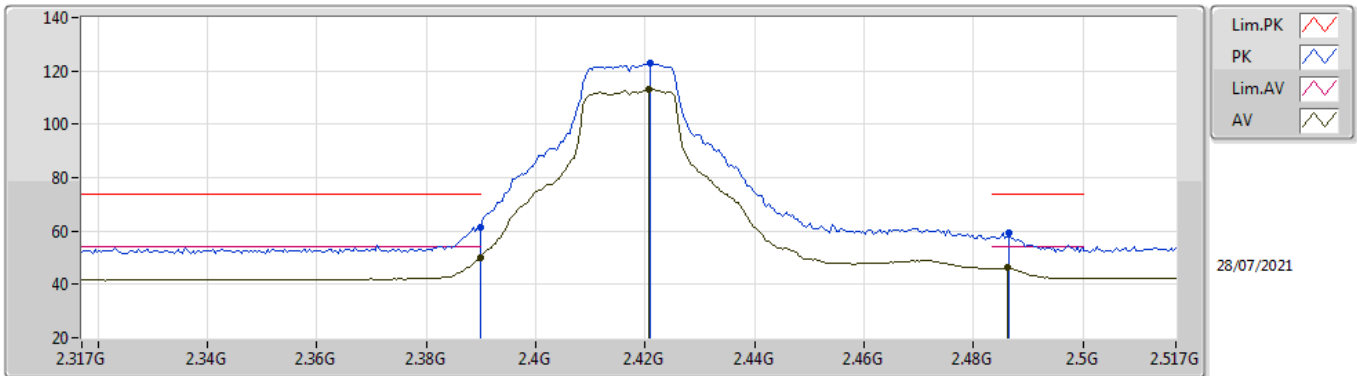
EUT Y\_2TX  
Setting 43  
01-A-S-5

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	4.8166G	45.61	74.00	-28.39	41.39	3	Horizontal	193	1.95	-	32.20	5.01	32.99
AV	4.8334G	32.25	54.00	-21.75	27.91	3	Horizontal	193	1.95	-	32.30	5.02	32.98



### 802.11g\_Nss1,(6Mbps)\_2TX

### 2417MHz\_TX

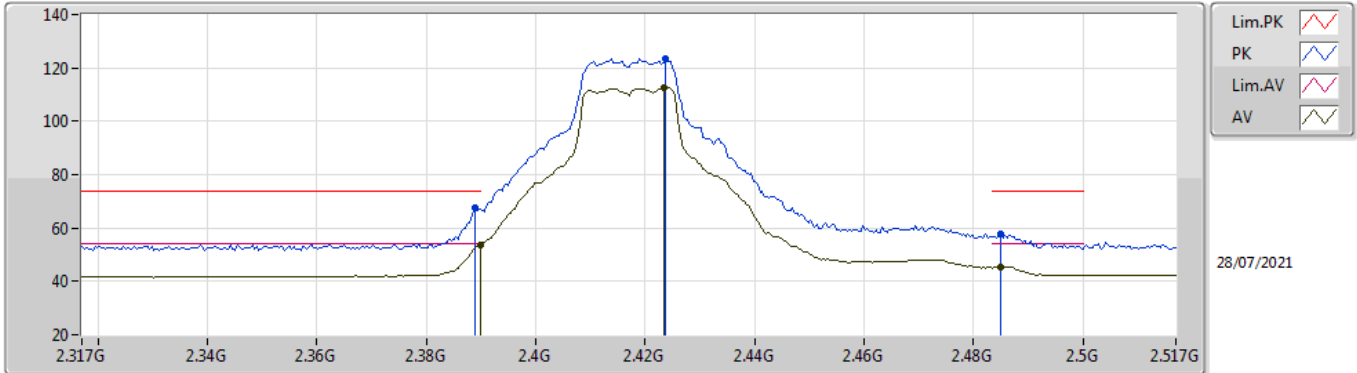


EUT\_V\_2TX  
Setting 46  
01-A-S-5

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	61.57	74.00	-12.43	32.00	3	Vertical	173.1	1.93	-	27.38	2.19	-
AV	2.3898G	49.78	54.00	-4.22	20.21	3	Vertical	173.1	1.93	-	27.38	2.19	-
PK	2.421G	123.01	Inf	-Inf	93.35	3	Vertical	173.1	1.93	-	27.44	2.22	-
AV	2.4206G	112.91	Inf	-Inf	83.25	3	Vertical	173.1	1.93	-	27.44	2.22	-
PK	2.4866G	59.41	74.00	-14.59	29.40	3	Vertical	173.1	1.93	-	27.72	2.29	-
AV	2.4862G	46.23	54.00	-7.77	16.22	3	Vertical	173.1	1.93	-	27.72	2.29	-

### 802.11g\_Nss1,(6Mbps)\_2TX

### 2417MHz\_TX

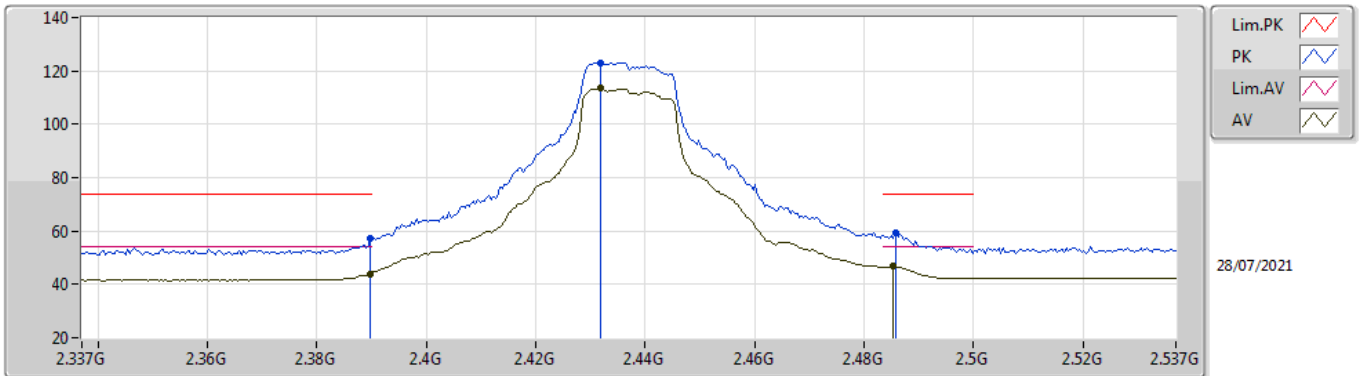


EUT\_V\_2TX  
Setting 46  
01-A-S-5

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	2.389G	67.37	74.00	-6.63	37.80	3	Horizontal	176.7	2.01	-	27.38	2.19	-
AV	2.3898G	53.57	54.00	-0.43	24.00	3	Horizontal	176.7	2.01	-	27.38	2.19	-
PK	2.4238G	123.57	Inf	-Inf	93.90	3	Horizontal	176.7	2.01	-	27.45	2.22	-
AV	2.4234G	112.49	Inf	-Inf	82.82	3	Horizontal	176.7	2.01	-	27.45	2.22	-
PK	2.485G	57.93	74.00	-16.07	27.93	3	Horizontal	176.7	2.01	-	27.71	2.29	-
AV	2.485G	45.44	54.00	-8.56	15.44	3	Horizontal	176.7	2.01	-	27.71	2.29	-

### 802.11g\_Nss1,(6Mbps)\_2TX

### 2437MHz\_TX

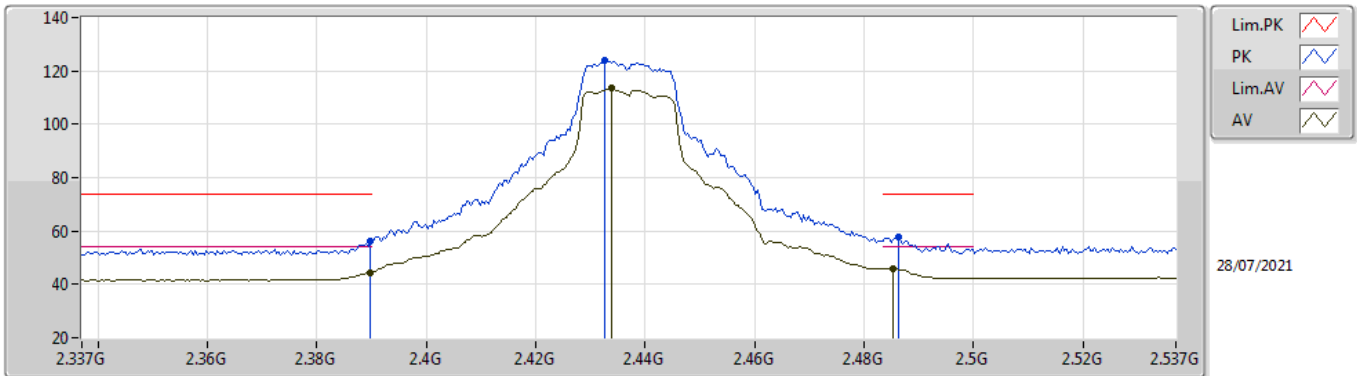


EUT\_V\_2TX  
Setting 46  
01-A-S-5

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	57.27	74.00	-16.73	27.70	3	Vertical	175	1.79	-	27.38	2.19	-
AV	2.3898G	44.00	54.00	-10.00	14.43	3	Vertical	175	1.79	-	27.38	2.19	-
PK	2.4318G	123.10	Inf	-Inf	93.41	3	Vertical	175	1.79	-	27.46	2.23	-
AV	2.4318G	113.40	Inf	-Inf	83.71	3	Vertical	175	1.79	-	27.46	2.23	-
PK	2.4858G	59.08	74.00	-14.92	29.08	3	Vertical	175	1.79	-	27.71	2.29	-
AV	2.4854G	46.83	54.00	-7.17	16.83	3	Vertical	175	1.79	-	27.71	2.29	-

### 802.11g\_Nss1,(6Mbps)\_2TX

### 2437MHz\_TX

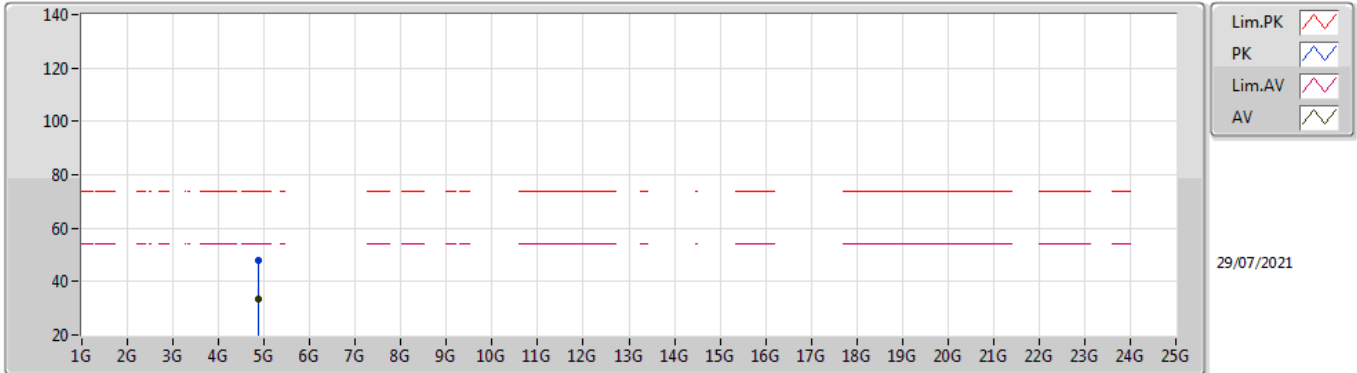


EUT\_V\_2TX  
Setting 46  
01-A-S-5

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	56.24	74.00	-17.76	26.67	3	Horizontal	180	1.87	-	27.38	2.19	-
AV	2.3898G	44.54	54.00	-9.46	14.97	3	Horizontal	180	1.87	-	27.38	2.19	-
PK	2.4326G	123.80	Inf	-Inf	94.10	3	Horizontal	180	1.87	-	27.47	2.23	-
AV	2.4338G	113.48	Inf	-Inf	83.78	3	Horizontal	180	1.87	-	27.47	2.23	-
PK	2.4862G	57.92	74.00	-16.08	27.91	3	Horizontal	180	1.87	-	27.72	2.29	-
AV	2.4854G	46.10	54.00	-7.90	16.10	3	Horizontal	180	1.87	-	27.71	2.29	-

### 802.11g\_Nss1,(6Mbps)\_2TX

### 2437MHz\_TX

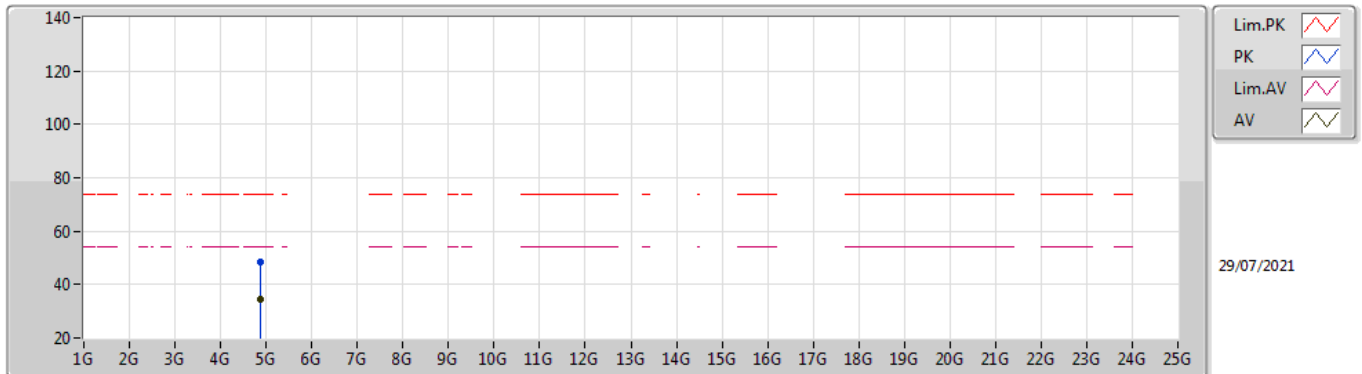


EUT Y\_2TX  
Setting 46  
01-A-S-5

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	4.87028G	47.89	74.00	-26.11	43.39	3	Vertical	360	1.80	-	32.44	5.04	32.98
AV	4.87408G	33.50	54.00	-20.50	28.99	3	Vertical	360	1.80	-	32.45	5.04	32.98

### 802.11g\_Nss1,(6Mbps)\_2TX

### 2437MHz\_TX

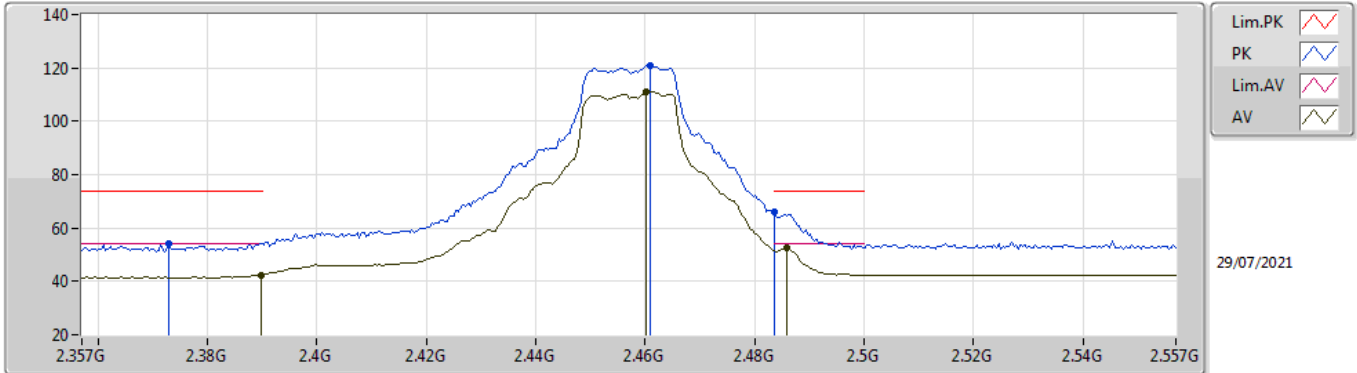


EUT Y\_2TX  
Setting 46  
01-A-S-5

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	4.87048G	48.49	74.00	-25.51	43.99	3	Horizontal	332	1.66	-	32.44	5.04	32.98
AV	4.86984G	34.65	54.00	-19.35	30.16	3	Horizontal	332	1.66	-	32.44	5.03	32.98

### 802.11g\_Nss1,(6Mbps)\_2TX

### 2457MHz\_TX

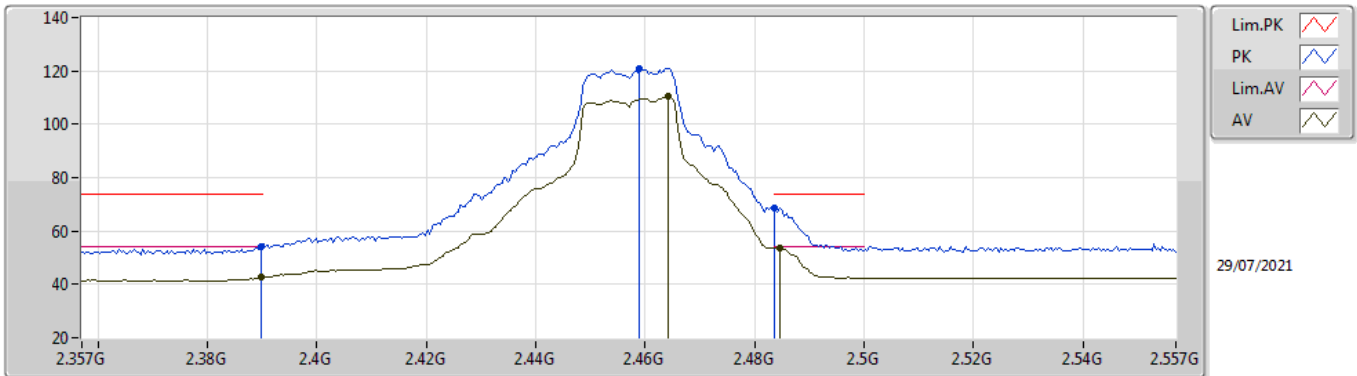


EUT\_V\_2TX  
Setting 43  
01-A-S-5

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	2.373G	54.29	74.00	-19.71	24.77	3	Vertical	176.1	1.92	-	27.35	2.17	-
AV	2.3898G	42.44	54.00	-11.56	12.87	3	Vertical	176.1	1.92	-	27.38	2.19	-
PK	2.461G	121.04	Inf	-Inf	91.21	3	Vertical	176.1	1.92	-	27.57	2.26	-
AV	2.4602G	110.99	Inf	-Inf	81.17	3	Vertical	176.1	1.92	-	27.56	2.26	-
PK	2.4835G	65.87	74.00	-8.13	35.89	3	Vertical	176.1	1.92	-	27.70	2.28	-
AV	2.4858G	52.33	54.00	-1.67	22.33	3	Vertical	176.1	1.92	-	27.71	2.29	-

### 802.11g\_Nss1,(6Mbps)\_2TX

### 2457MHz\_TX



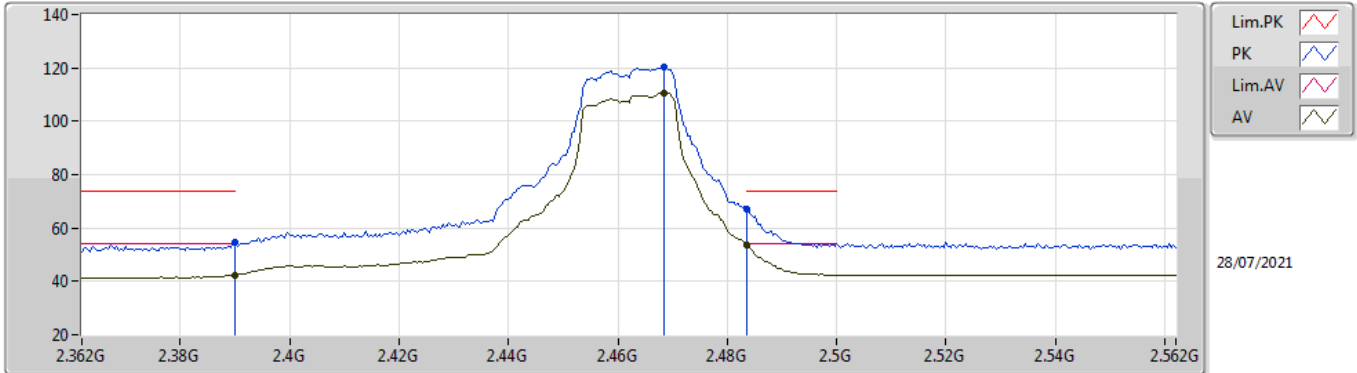
EUT\_V\_2TX  
Setting 43  
01-A-S-5

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	53.90	74.00	-20.10	24.33	3	Horizontal	179.1	2.21	-	27.38	2.19	-
AV	2.3898G	42.62	54.00	-11.38	13.05	3	Horizontal	179.1	2.21	-	27.38	2.19	-
PK	2.459G	120.79	Inf	-Inf	90.98	3	Horizontal	179.1	2.21	-	27.55	2.26	-
AV	2.4642G	110.37	Inf	-Inf	80.52	3	Horizontal	179.1	2.21	-	27.59	2.26	-
PK	2.4835G	68.58	74.00	-5.42	38.60	3	Horizontal	179.1	2.21	-	27.70	2.28	-
AV	2.4846G	53.61	54.00	-0.39	23.62	3	Horizontal	179.1	2.21	-	27.71	2.28	-



### 802.11g\_Nss1,(6Mbps)\_2TX

### 2462MHz\_TX

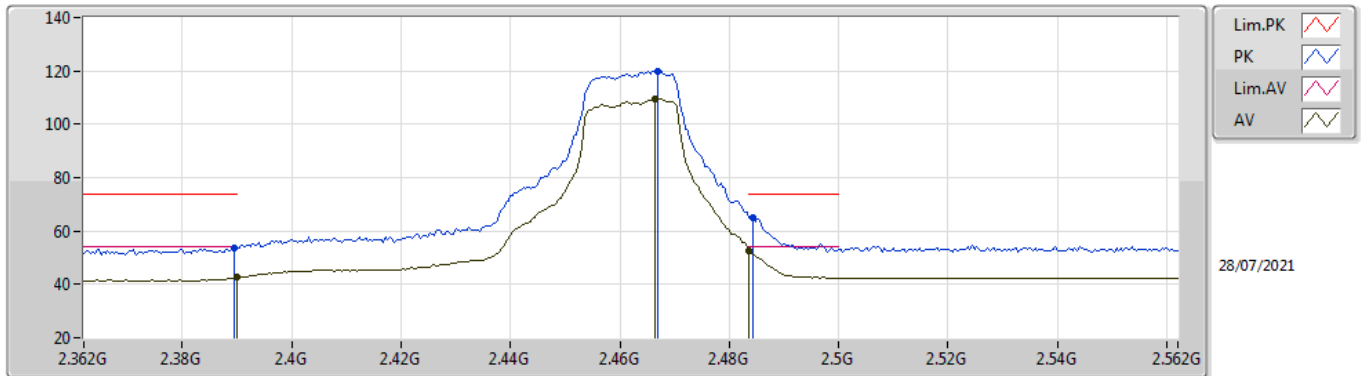


EUT\_V\_2TX  
Setting 40  
01-A-S-5

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	2.39G	54.85	74.00	-19.15	25.28	3	Vertical	180.1	1.83	-	27.38	2.19	-
AV	2.39G	42.32	54.00	-11.68	12.75	3	Vertical	180.1	1.83	-	27.38	2.19	-
PK	2.4684G	120.19	Inf	-Inf	90.31	3	Vertical	180.1	1.83	-	27.61	2.27	-
AV	2.4684G	110.69	Inf	-Inf	80.81	3	Vertical	180.1	1.83	-	27.61	2.27	-
PK	2.4835G	67.16	74.00	-6.84	37.18	3	Vertical	180.1	1.83	-	27.70	2.28	-
AV	2.4835G	53.73	54.00	-0.27	23.75	3	Vertical	180.1	1.83	-	27.70	2.28	-

### 802.11g\_Nss1,(6Mbps)\_2TX

### 2462MHz\_TX

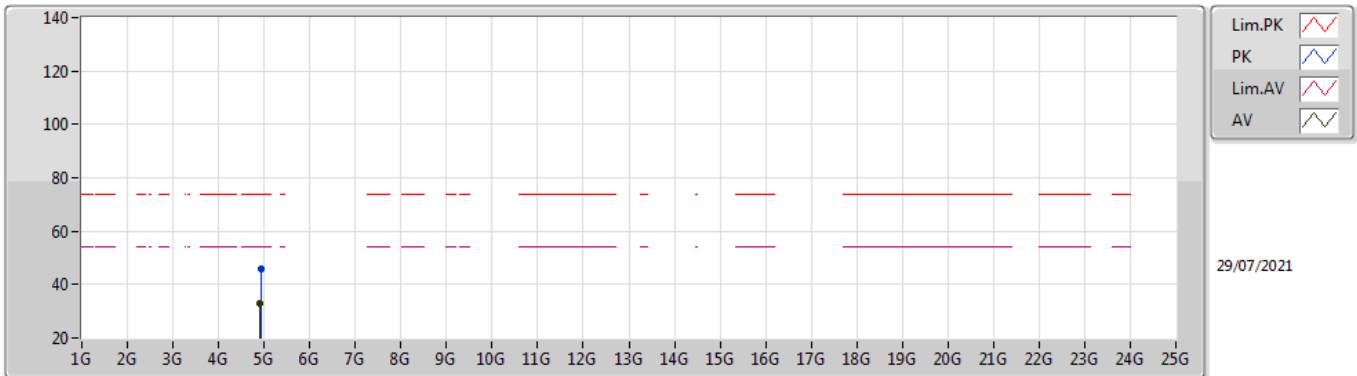


EUT\_V\_2TX  
Setting 40  
01-A-S-5

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	2.3896G	53.65	74.00	-20.35	24.08	3	Horizontal	179	2.21	-	27.38	2.19	-
AV	2.39G	42.63	54.00	-11.37	13.06	3	Horizontal	179	2.21	-	27.38	2.19	-
PK	2.4668G	120.00	Inf	-Inf	90.13	3	Horizontal	179	2.21	-	27.60	2.27	-
AV	2.4664G	109.54	Inf	-Inf	79.67	3	Horizontal	179	2.21	-	27.60	2.27	-
PK	2.4844G	65.08	74.00	-8.92	35.09	3	Horizontal	179	2.21	-	27.71	2.28	-
AV	2.4835G	52.70	54.00	-1.30	22.72	3	Horizontal	179	2.21	-	27.70	2.28	-

### 802.11g\_Nss1,(6Mbps)\_2TX

### 2462MHz\_TX

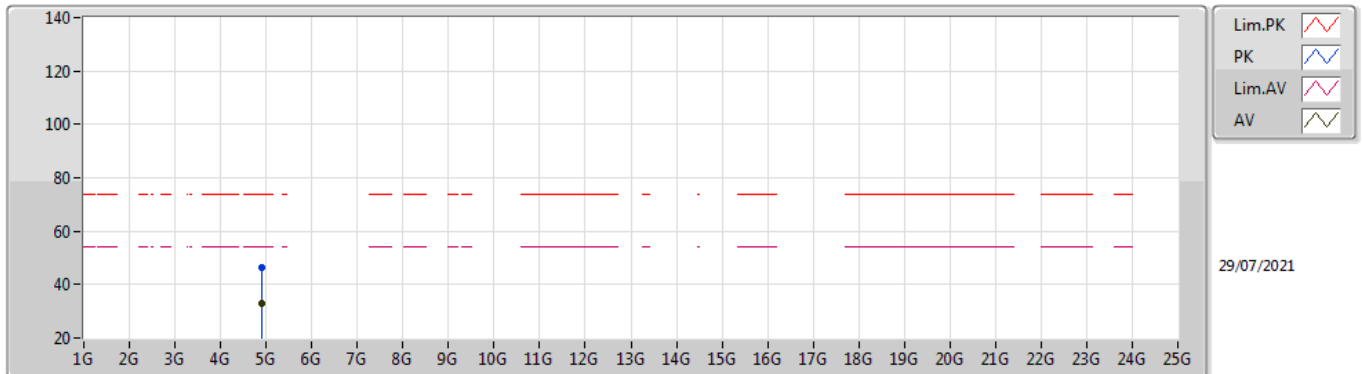


EUT Y\_2TX  
Setting 40  
01-A-S-5

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	4.92268G	45.97	74.00	-28.03	41.24	3	Vertical	229	1.06	-	32.64	5.06	32.97
AV	4.9186G	33.04	54.00	-20.96	28.34	3	Vertical	229	1.06	-	32.61	5.06	32.97

### 802.11g\_Nss1,(6Mbps)\_2TX

### 2462MHz\_TX

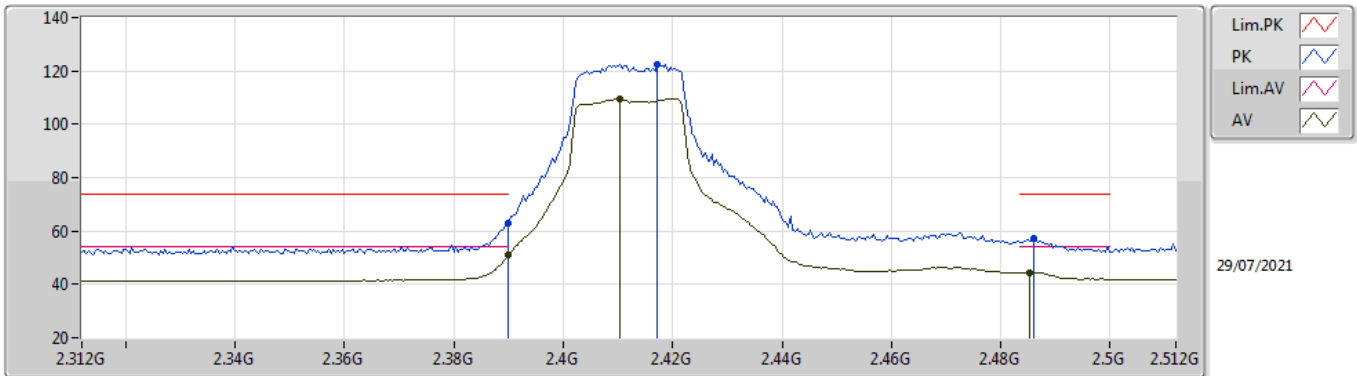


EUT Y\_2TX  
Setting 40  
01-A-S-5

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	4.91448G	46.40	74.00	-27.60	41.72	3	Horizontal	153	1.51	-	32.59	5.06	32.97
AV	4.918G	32.99	54.00	-21.01	28.29	3	Horizontal	153	1.51	-	32.61	5.06	32.97

802.11ax HEW20\_Nss1,(MCS0)\_2TX

2412MHz\_TX

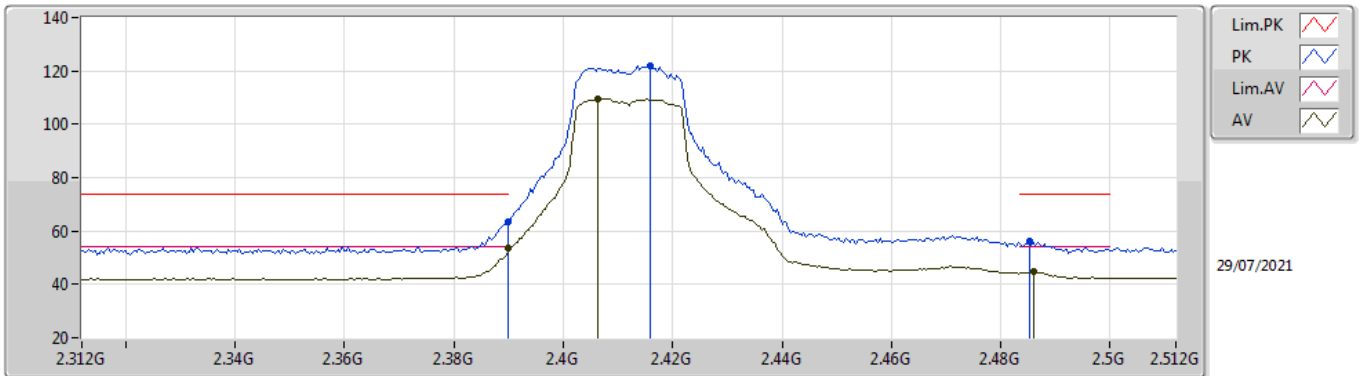


EUT\_V\_2TX  
Setting 42  
01-A-S-5

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	2.39G	63.08	74.00	-10.92	33.51	3	Vertical	175.8	1.90	-	27.38	2.19	-
AV	2.39G	51.11	54.00	-2.89	21.54	3	Vertical	175.8	1.90	-	27.38	2.19	-
PK	2.4172G	122.67	Inf	-Inf	93.02	3	Vertical	175.8	1.90	-	27.43	2.22	-
AV	2.4104G	109.43	Inf	-Inf	79.80	3	Vertical	175.8	1.90	-	27.42	2.21	-
PK	2.486G	57.32	74.00	-16.68	27.31	3	Vertical	175.8	1.90	-	27.72	2.29	-
AV	2.4852G	44.56	54.00	-9.44	14.56	3	Vertical	175.8	1.90	-	27.71	2.29	-

802.11ax HEW20\_Nss1,(MCS0)\_2TX

2412MHz\_TX

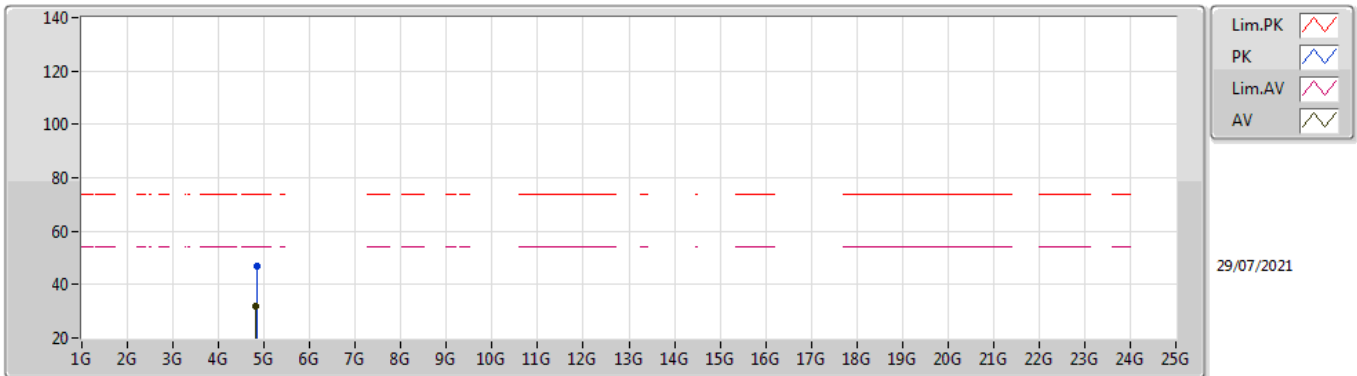


EUT\_V\_2TX  
Setting 42  
01-A-S-5

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	2.39G	63.40	74.00	-10.60	33.83	3	Horizontal	174.5	2.03	-	27.38	2.19	-
AV	2.39G	53.66	54.00	-0.34	24.09	3	Horizontal	174.5	2.03	-	27.38	2.19	-
PK	2.416G	121.95	Inf	-Inf	92.30	3	Horizontal	174.5	2.03	-	27.43	2.22	-
AV	2.4064G	109.58	Inf	-Inf	79.96	3	Horizontal	174.5	2.03	-	27.41	2.21	-
PK	2.4852G	56.10	74.00	-17.90	26.10	3	Horizontal	174.5	2.03	-	27.71	2.29	-
AV	2.486G	44.69	54.00	-9.31	14.68	3	Horizontal	174.5	2.03	-	27.72	2.29	-

802.11ax HEW20\_Nss1,(MCS0)\_2TX

2412MHz\_TX

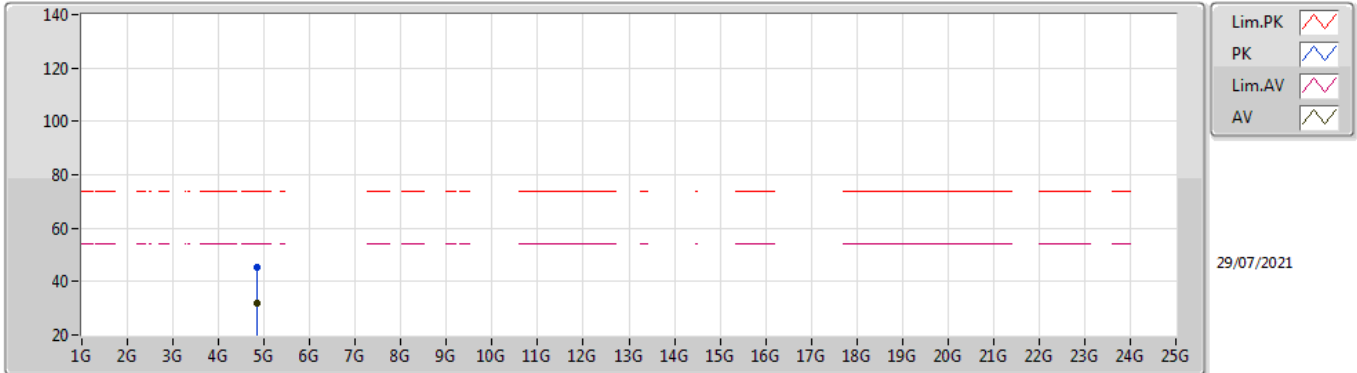


EUT Y\_2TX  
Setting 42  
01-A-S-5

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	4.83028G	46.88	74.00	-27.12	42.56	3	Vertical	5	2.35	-	32.28	5.02	32.98
AV	4.82664G	31.86	54.00	-22.14	27.57	3	Vertical	5	2.35	-	32.26	5.01	32.98

802.11ax HEW20\_Nss1,(MCS0)\_2TX

2412MHz\_TX



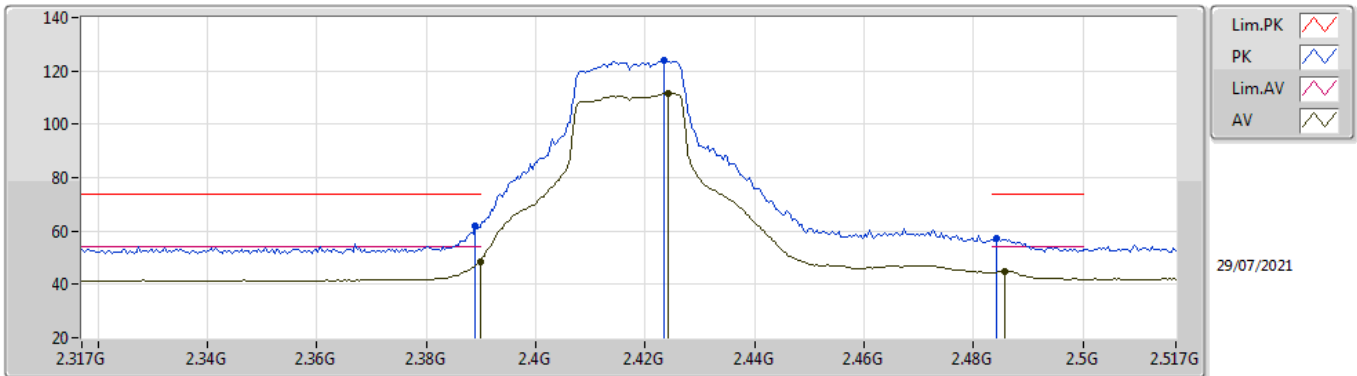
EUT Y\_2TX  
Setting 42  
01-A-S-5

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	4.83264G	45.54	74.00	-28.46	41.20	3	Horizontal	294	1.84	-	32.30	5.02	32.98
AV	4.8328G	31.95	54.00	-22.05	27.61	3	Horizontal	294	1.84	-	32.30	5.02	32.98



802.11ax HEW20\_Nss1,(MCS0)\_2TX

2417MHz\_TX

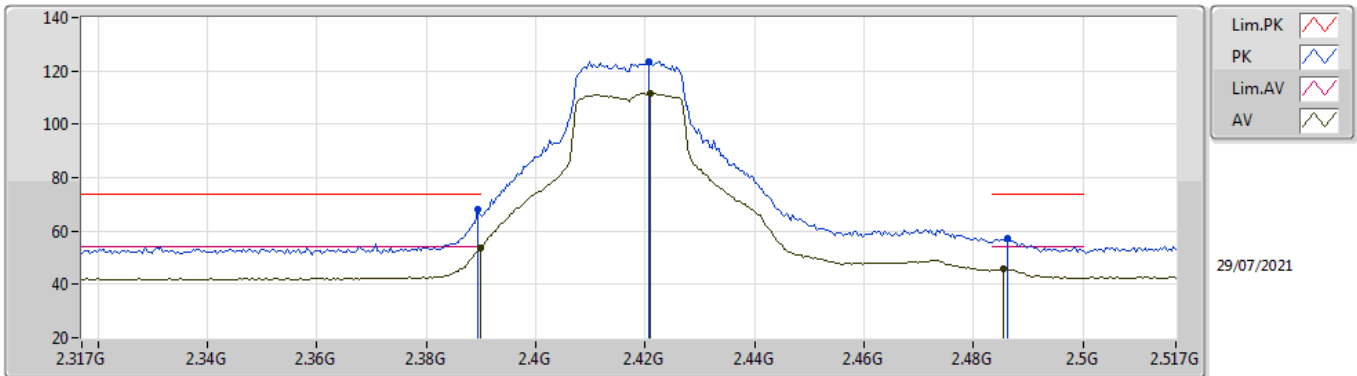


EUT V\_2TX  
Setting 45  
01-A-S-5

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	2.389G	62.14	74.00	-11.86	32.57	3	Vertical	177.9	1.87	-	27.38	2.19	-
AV	2.3898G	48.68	54.00	-5.32	19.11	3	Vertical	177.9	1.87	-	27.38	2.19	-
PK	2.4234G	124.17	Inf	-Inf	94.50	3	Vertical	177.9	1.87	-	27.45	2.22	-
AV	2.4242G	111.57	Inf	-Inf	81.90	3	Vertical	177.9	1.87	-	27.45	2.22	-
PK	2.4842G	57.02	74.00	-16.98	27.03	3	Vertical	177.9	1.87	-	27.71	2.28	-
AV	2.4858G	44.72	54.00	-9.28	14.72	3	Vertical	177.9	1.87	-	27.71	2.29	-

802.11ax HEW20\_Nss1,(MCS0)\_2TX

2417MHz\_TX

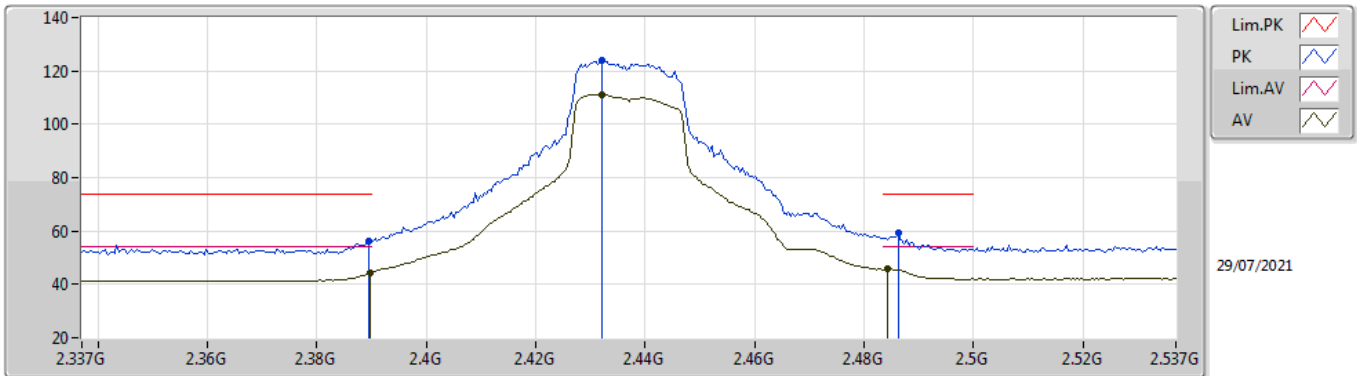


EUT\_V\_2TX  
Setting 45  
01-A-S-5

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	2.3894G	67.94	74.00	-6.06	38.37	3	Horizontal	177	2.06	-	27.38	2.19	-
AV	2.3898G	53.71	54.00	-0.29	24.14	3	Horizontal	177	2.06	-	27.38	2.19	-
PK	2.4206G	123.66	Inf	-Inf	94.00	3	Horizontal	177	2.06	-	27.44	2.22	-
AV	2.421G	111.55	Inf	-Inf	81.89	3	Horizontal	177	2.06	-	27.44	2.22	-
PK	2.4862G	57.22	74.00	-16.78	27.21	3	Horizontal	177	2.06	-	27.72	2.29	-
AV	2.4854G	45.76	54.00	-8.24	15.76	3	Horizontal	177	2.06	-	27.71	2.29	-

802.11ax HEW20\_Nss1,(MCS0)\_2TX

2437MHz\_TX

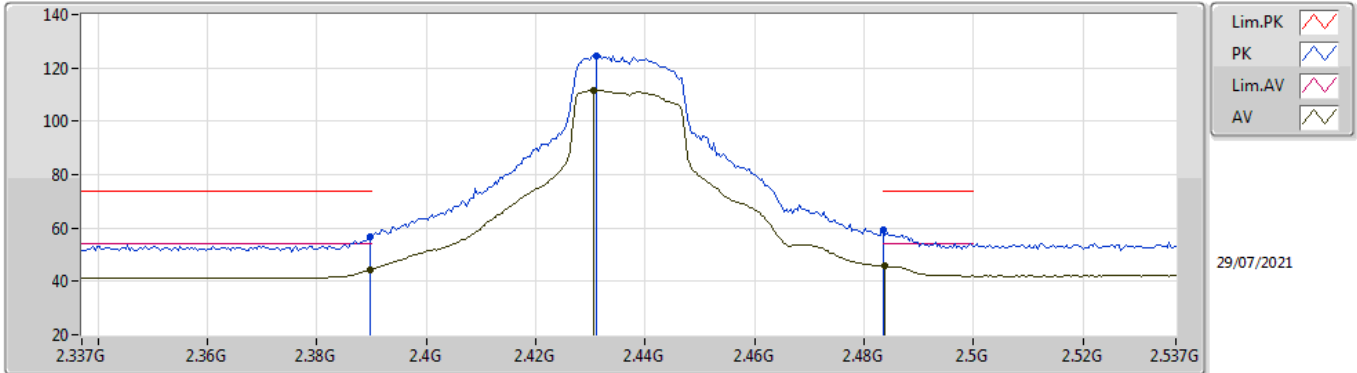


EUT\_V\_2TX  
Setting 46  
01-A-S-5

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	2.3894G	56.13	74.00	-17.87	26.56	3	Vertical	177	2.23	-	27.38	2.19	-
AV	2.3898G	44.31	54.00	-9.69	14.74	3	Vertical	177	2.23	-	27.38	2.19	-
PK	2.4322G	123.84	Inf	-Inf	94.15	3	Vertical	177	2.23	-	27.46	2.23	-
AV	2.4322G	111.22	Inf	-Inf	81.53	3	Vertical	177	2.23	-	27.46	2.23	-
PK	2.4862G	59.36	74.00	-14.64	29.35	3	Vertical	177	2.23	-	27.72	2.29	-
AV	2.4842G	45.84	54.00	-8.16	15.85	3	Vertical	177	2.23	-	27.71	2.28	-

802.11ax HEW20\_Nss1,(MCS0)\_2TX

2437MHz\_TX

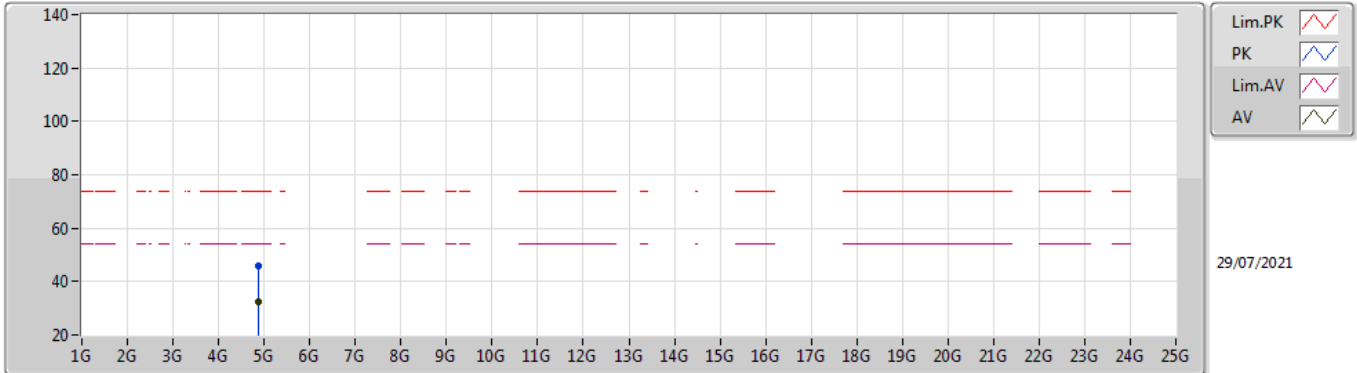


EUT V\_2TX  
Setting 46  
01-A-S-5

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	56.79	74.00	-17.21	27.22	3	Horizontal	182.5	2.07	-	27.38	2.19	-
AV	2.3898G	44.38	54.00	-9.62	14.81	3	Horizontal	182.5	2.07	-	27.38	2.19	-
PK	2.431G	124.42	Inf	-Inf	94.73	3	Horizontal	182.5	2.07	-	27.46	2.23	-
AV	2.4306G	111.48	Inf	-Inf	81.79	3	Horizontal	182.5	2.07	-	27.46	2.23	-
PK	2.4835G	59.32	74.00	-14.68	29.34	3	Horizontal	182.5	2.07	-	27.70	2.28	-
AV	2.4838G	45.65	54.00	-8.35	15.67	3	Horizontal	182.5	2.07	-	27.70	2.28	-

802.11ax HEW20\_Nss1,(MCS0)\_2TX

2437MHz\_TX

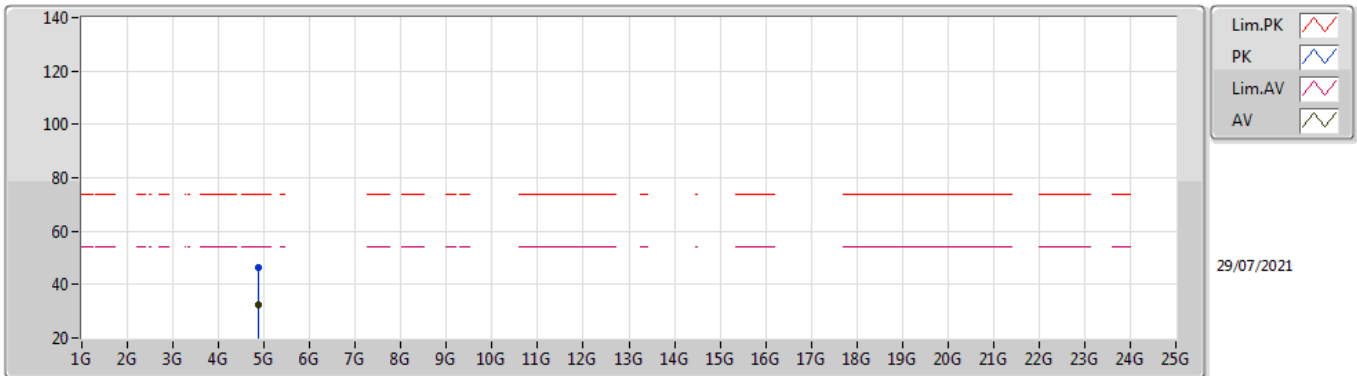


EUT Y\_2TX  
Setting 46  
01-A-S-5

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	4.88336G	46.12	74.00	-27.88	41.59	3	Vertical	106	2.73	-	32.47	5.04	32.98
AV	4.88044G	32.41	54.00	-21.59	27.89	3	Vertical	106	2.73	-	32.46	5.04	32.98

802.11ax HEW20\_Nss1,(MCS0)\_2TX

2437MHz\_TX



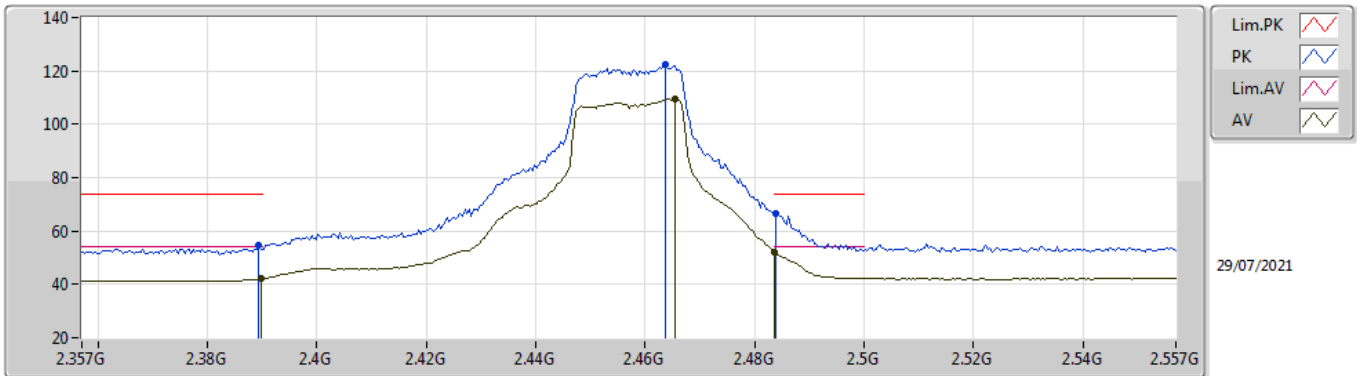
29/07/2021

EUT Y\_2TX  
Setting 46  
01-A-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	4.8758G	46.37	74.00	-27.63	41.86	3	Horizontal	128	1.18	-	32.45	5.04	32.98
AV	4.88144G	32.43	54.00	-21.57	27.91	3	Horizontal	128	1.18	-	32.46	5.04	32.98

802.11ax HEW20\_Nss1,(MCS0)\_2TX

2457MHz\_TX

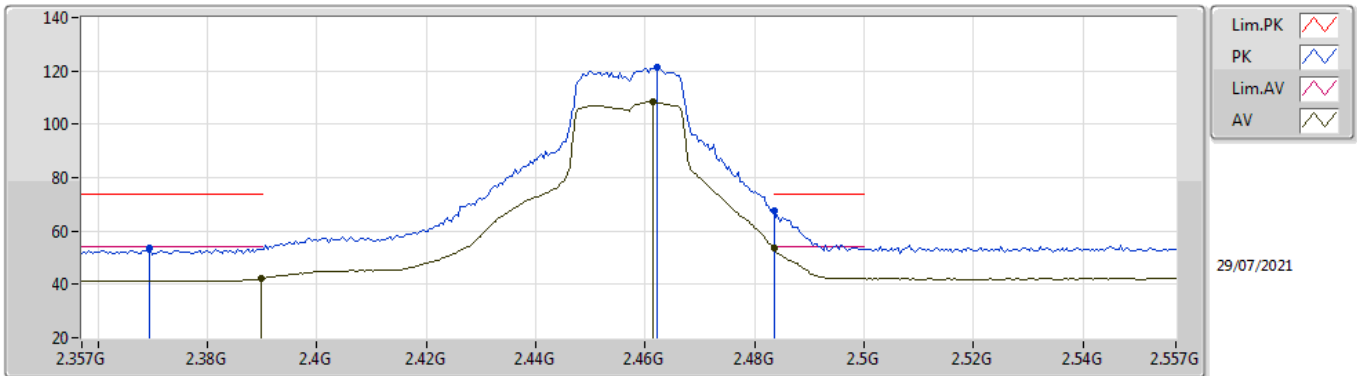


EUT\_V\_2TX  
Setting 42  
01-A-S-5

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	2.3894G	54.54	74.00	-19.46	24.97	3	Vertical	171.9	1.79	-	27.38	2.19	-
AV	2.3898G	42.07	54.00	-11.93	12.50	3	Vertical	171.9	1.79	-	27.38	2.19	-
PK	2.4638G	122.37	Inf	-Inf	92.53	3	Vertical	171.9	1.79	-	27.58	2.26	-
AV	2.4654G	109.29	Inf	-Inf	79.43	3	Vertical	171.9	1.79	-	27.59	2.27	-
PK	2.4838G	66.70	74.00	-7.30	36.72	3	Vertical	171.9	1.79	-	27.70	2.28	-
AV	2.4835G	52.28	54.00	-1.72	22.30	3	Vertical	171.9	1.79	-	27.70	2.28	-

802.11ax HEW20\_Nss1,(MCS0)\_2TX

2457MHz\_TX



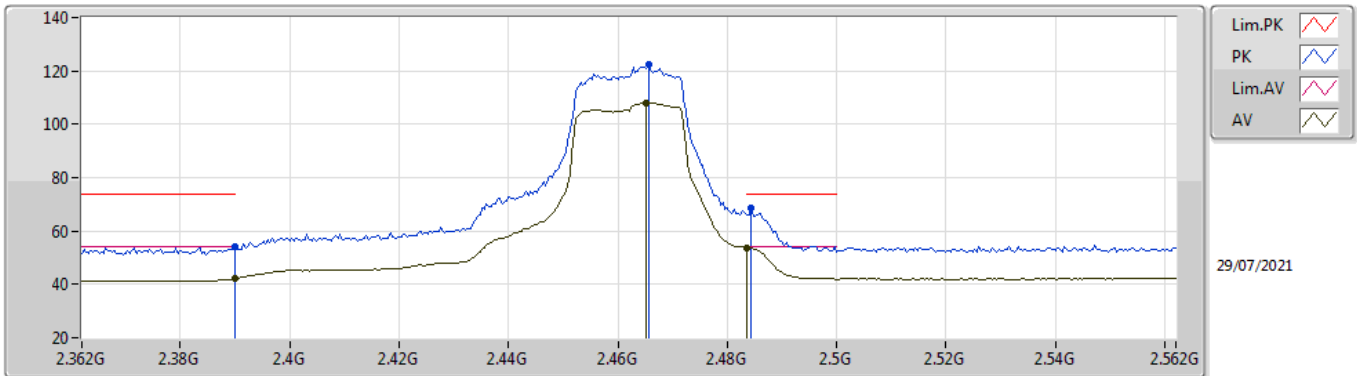
EUT\_V\_2TX  
Setting 42  
01-A-S-5

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	2.3694G	53.65	74.00	-20.35	24.14	3	Horizontal	181.3	2.21	-	27.34	2.17	-
AV	2.3898G	42.21	54.00	-11.79	12.64	3	Horizontal	181.3	2.21	-	27.38	2.19	-
PK	2.4622G	121.32	Inf	-Inf	91.49	3	Horizontal	181.3	2.21	-	27.57	2.26	-
AV	2.4614G	108.56	Inf	-Inf	78.73	3	Horizontal	181.3	2.21	-	27.57	2.26	-
PK	2.4835G	67.71	74.00	-6.29	37.73	3	Horizontal	181.3	2.21	-	27.70	2.28	-
AV	2.4835G	53.77	54.00	-0.23	23.79	3	Horizontal	181.3	2.21	-	27.70	2.28	-



802.11ax HEW20\_Nss1,(MCS0)\_2TX

2462MHz\_TX

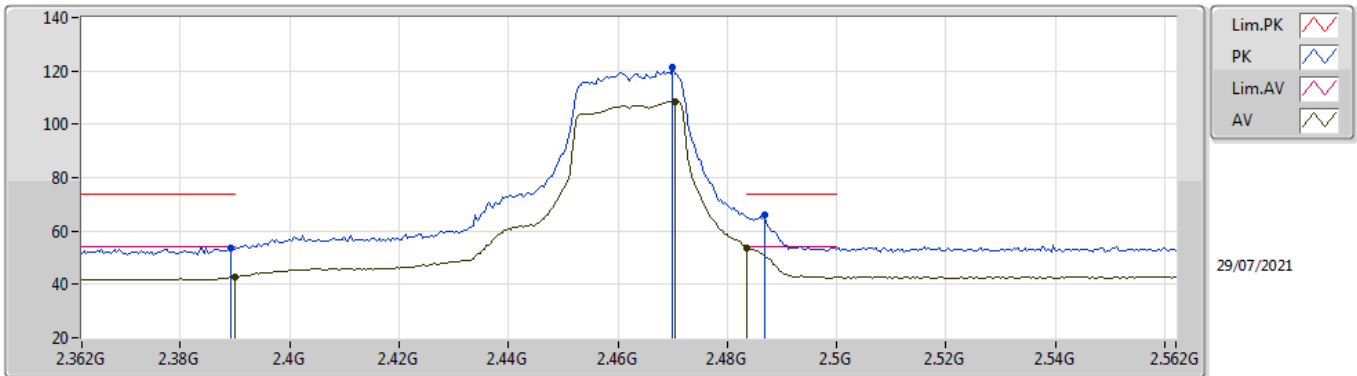


EUT\_V\_2TX  
Setting 38  
01-A-S-5

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	2.39G	53.96	74.00	-20.04	24.39	3	Vertical	176.9	1.92	-	27.38	2.19	-
AV	2.39G	42.15	54.00	-11.85	12.58	3	Vertical	176.9	1.92	-	27.38	2.19	-
PK	2.465G	122.19	Inf	-Inf	92.33	3	Vertical	176.9	1.92	-	27.59	2.27	-
AV	2.465G	108.11	Inf	-Inf	78.25	3	Vertical	176.9	1.92	-	27.59	2.27	-
PK	2.4844G	68.57	74.00	-5.43	38.58	3	Vertical	176.9	1.92	-	27.71	2.28	-
AV	2.4835G	53.87	54.00	-0.13	23.89	3	Vertical	176.9	1.92	-	27.70	2.28	-

802.11ax HEW20\_Nss1,(MCS0)\_2TX

2462MHz\_TX

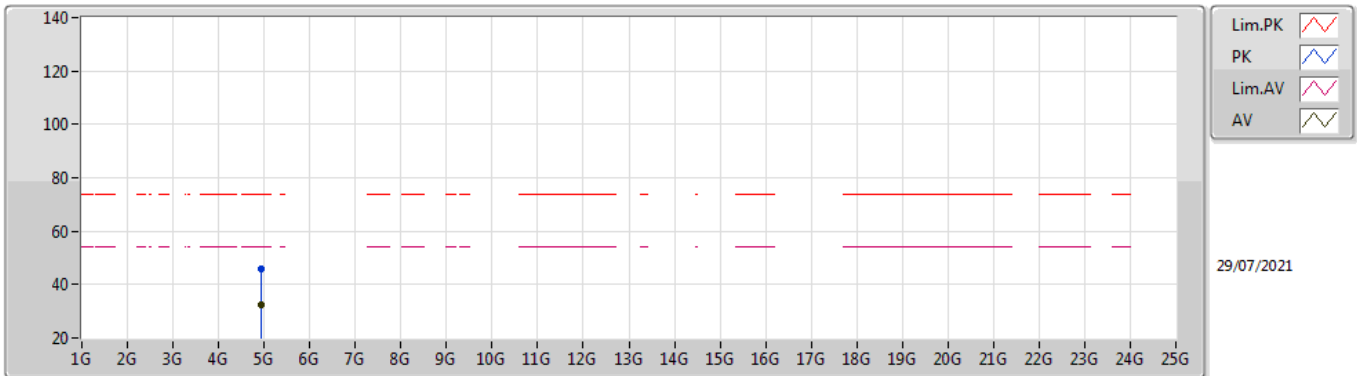


EUT\_V\_2TX  
Setting 38  
01-A-S-5

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	2.3892G	53.84	74.00	-20.16	24.27	3	Horizontal	180.2	2.20	-	27.38	2.19	-
AV	2.39G	42.84	54.00	-11.16	13.27	3	Horizontal	180.2	2.20	-	27.38	2.19	-
PK	2.47G	121.30	Inf	-Inf	91.41	3	Horizontal	180.2	2.20	-	27.62	2.27	-
AV	2.4704G	108.54	Inf	-Inf	78.65	3	Horizontal	180.2	2.20	-	27.62	2.27	-
PK	2.4868G	66.29	74.00	-7.71	36.28	3	Horizontal	180.2	2.20	-	27.72	2.29	-
AV	2.4835G	53.84	54.00	-0.16	23.86	3	Horizontal	180.2	2.20	-	27.70	2.28	-

### 802.11ax HEW20\_Nss1,(MCS0)\_2TX

### 2462MHz\_TX

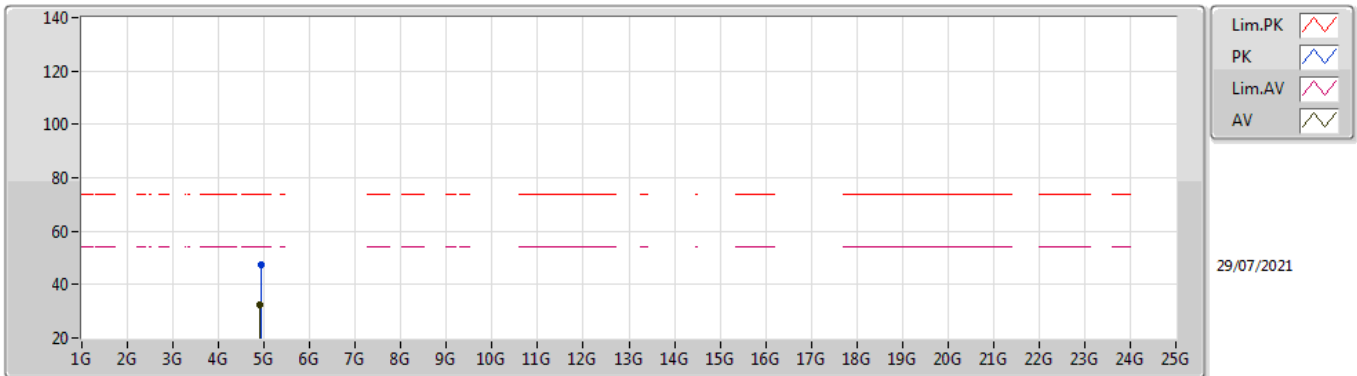


EUT Y\_2TX  
Setting 38  
01-A-S-5

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	4.93004G	45.91	74.00	-28.09	41.13	3	Vertical	104	1.70	-	32.68	5.07	32.97
AV	4.93308G	32.56	54.00	-21.44	27.76	3	Vertical	104	1.70	-	32.70	5.07	32.97

802.11ax HEW20\_Nss1,(MCS0)\_2TX

2462MHz\_TX

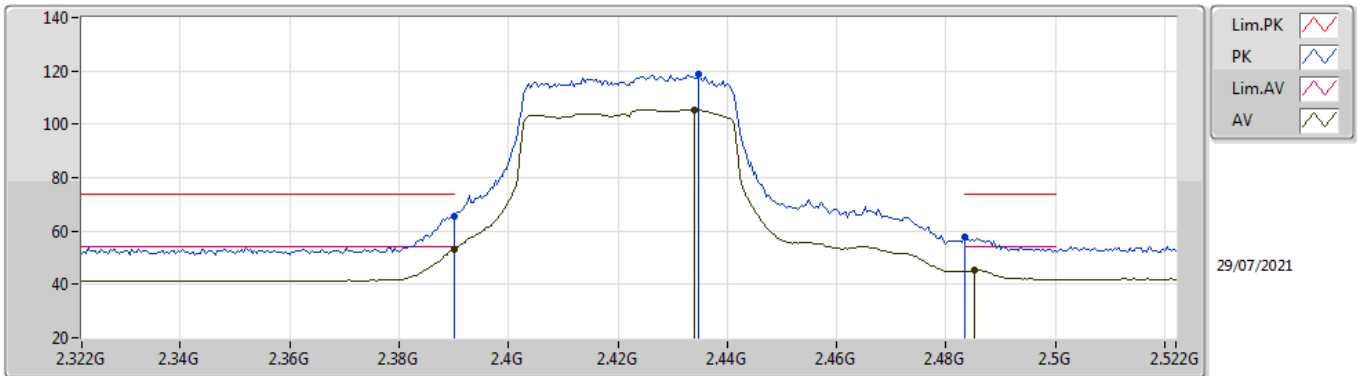


EUT Y\_2TX  
Setting 38  
01-A-S-5

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	4.93004G	47.18	74.00	-26.82	42.40	3	Horizontal	113	2.68	-	32.68	5.07	32.97
AV	4.91712G	32.45	54.00	-21.55	27.76	3	Horizontal	113	2.68	-	32.60	5.06	32.97

802.11ax HEW40\_Nss1,(MCS0)\_2TX

2422MHz\_TX

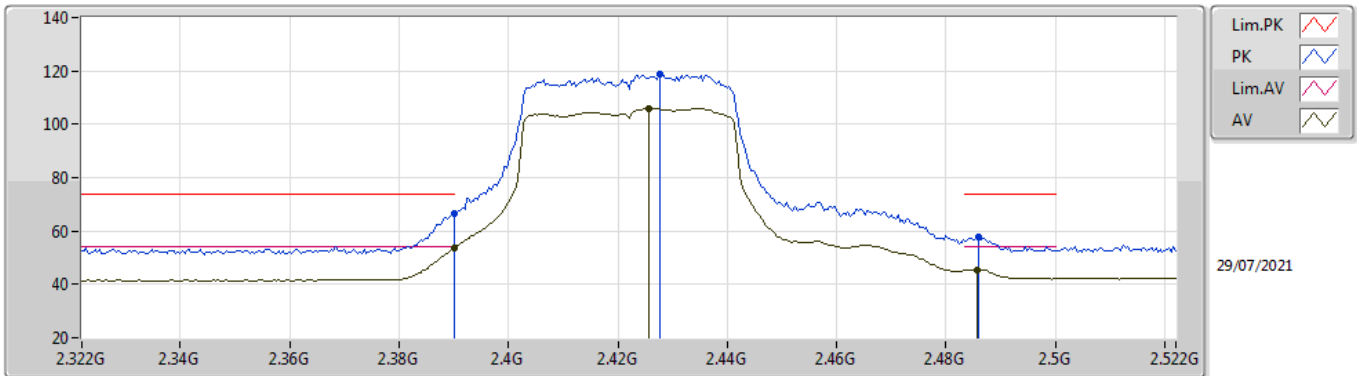


EUT\_V\_2TX  
Setting 39  
01-A-S-5

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	2.39G	65.73	74.00	-8.27	36.16	3	Vertical	183.2	2.00	-	27.38	2.19	-
AV	2.39G	53.36	54.00	-0.64	23.79	3	Vertical	183.2	2.00	-	27.38	2.19	-
PK	2.4348G	118.97	Inf	-Inf	89.27	3	Vertical	183.2	2.00	-	27.47	2.23	-
AV	2.434G	105.57	Inf	-Inf	75.87	3	Vertical	183.2	2.00	-	27.47	2.23	-
PK	2.4835G	57.70	74.00	-16.30	27.72	3	Vertical	183.2	2.00	-	27.70	2.28	-
AV	2.4852G	45.16	54.00	-8.84	15.16	3	Vertical	183.2	2.00	-	27.71	2.29	-

### 802.11ax HEW40\_Nss1,(MCS0)\_2TX

### 2422MHz\_TX

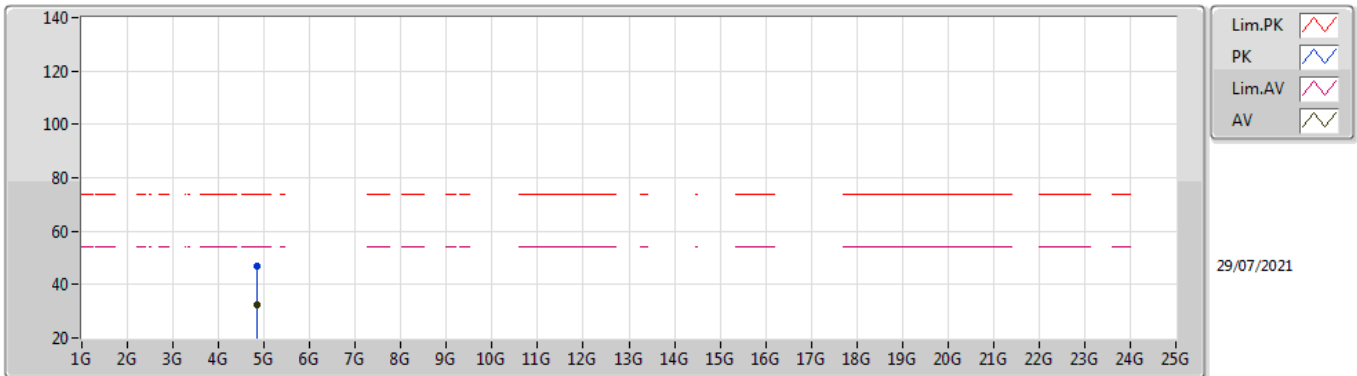


EUT\_V\_2TX  
Setting 39  
01-A-S-5

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	2.39G	66.66	74.00	-7.34	37.09	3	Horizontal	178.8	2.03	-	27.38	2.19	-
AV	2.39G	53.61	54.00	-0.39	24.04	3	Horizontal	178.8	2.03	-	27.38	2.19	-
PK	2.4276G	118.60	Inf	-Inf	88.91	3	Horizontal	178.8	2.03	-	27.46	2.23	-
AV	2.4256G	105.98	Inf	-Inf	76.30	3	Horizontal	178.8	2.03	-	27.45	2.23	-
PK	2.486G	57.59	74.00	-16.41	27.58	3	Horizontal	178.8	2.03	-	27.72	2.29	-
AV	2.4856G	45.49	54.00	-8.51	15.49	3	Horizontal	178.8	2.03	-	27.71	2.29	-

802.11ax HEW40\_Nss1,(MCS0)\_2TX

2422MHz\_TX

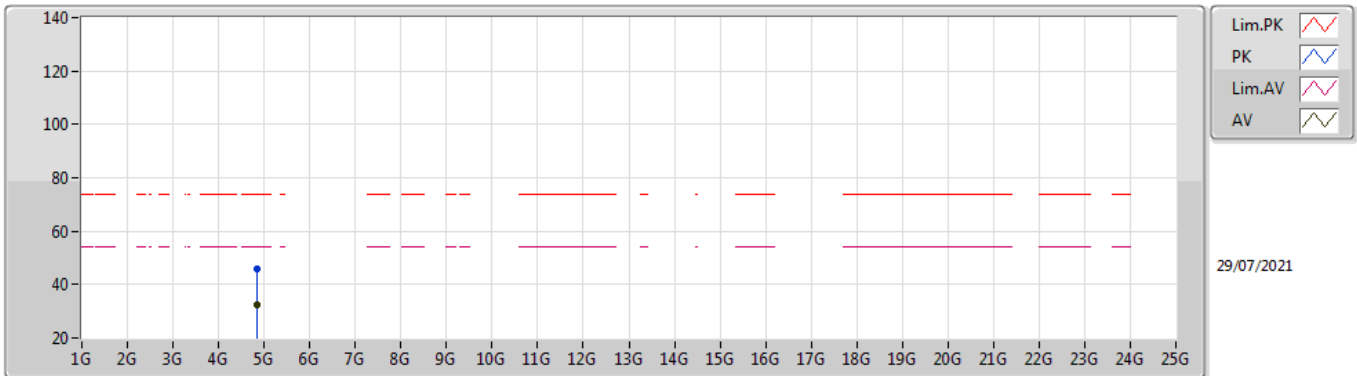


EUT Y\_2TX  
Setting 39  
01-A-S-5

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	4.85208G	46.79	74.00	-27.21	42.34	3	Vertical	37	2.87	-	32.40	5.03	32.98
AV	4.85144G	32.33	54.00	-21.67	27.88	3	Vertical	37	2.87	-	32.40	5.03	32.98

802.11ax HEW40\_Nss1,(MCS0)\_2TX

2422MHz\_TX



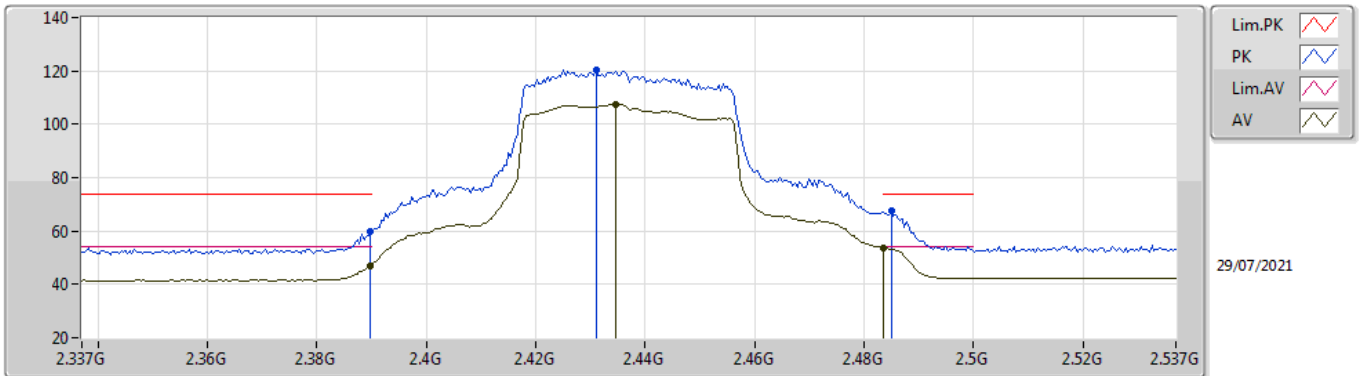
EUT Y\_2TX  
Setting 39  
01-A-S-5

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	4.84528G	45.87	74.00	-28.13	41.46	3	Horizontal	357	2.21	-	32.37	5.02	32.98
AV	4.85232G	32.30	54.00	-21.70	27.85	3	Horizontal	357	2.21	-	32.40	5.03	32.98



802.11ax HEW40\_Nss1,(MCS0)\_2TX

2437MHz\_TX

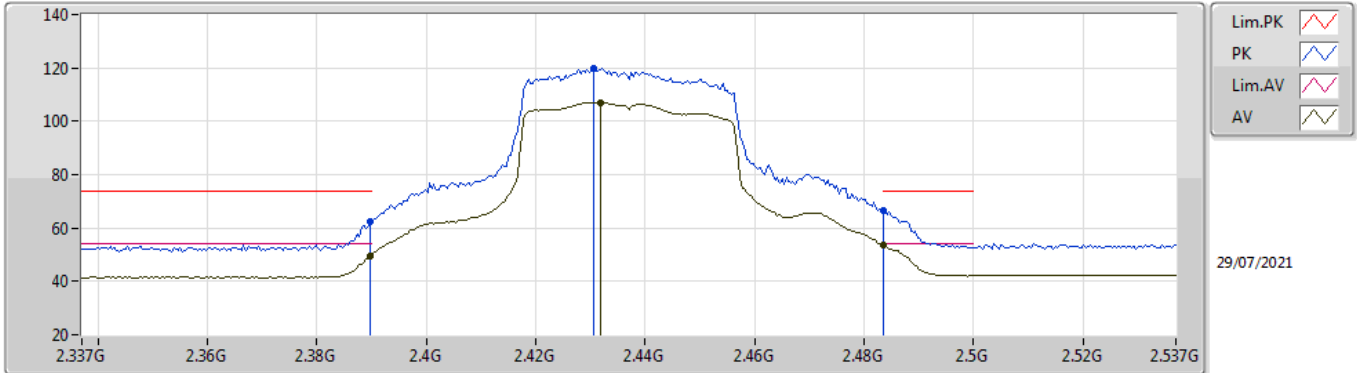


EUT\_V\_2TX  
Setting 40  
01-A-S-5

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	59.84	74.00	-14.16	30.27	3	Vertical	174.3	1.77	-	27.38	2.19	-
AV	2.3898G	46.99	54.00	-7.01	17.42	3	Vertical	174.3	1.77	-	27.38	2.19	-
PK	2.431G	120.13	Inf	-Inf	90.44	3	Vertical	174.3	1.77	-	27.46	2.23	-
AV	2.4346G	107.59	Inf	-Inf	77.89	3	Vertical	174.3	1.77	-	27.47	2.23	-
PK	2.485G	67.43	74.00	-6.57	37.43	3	Vertical	174.3	1.77	-	27.71	2.29	-
AV	2.4835G	53.73	54.00	-0.27	23.75	3	Vertical	174.3	1.77	-	27.70	2.28	-

802.11ax HEW40\_Nss1,(MCS0)\_2TX

2437MHz\_TX

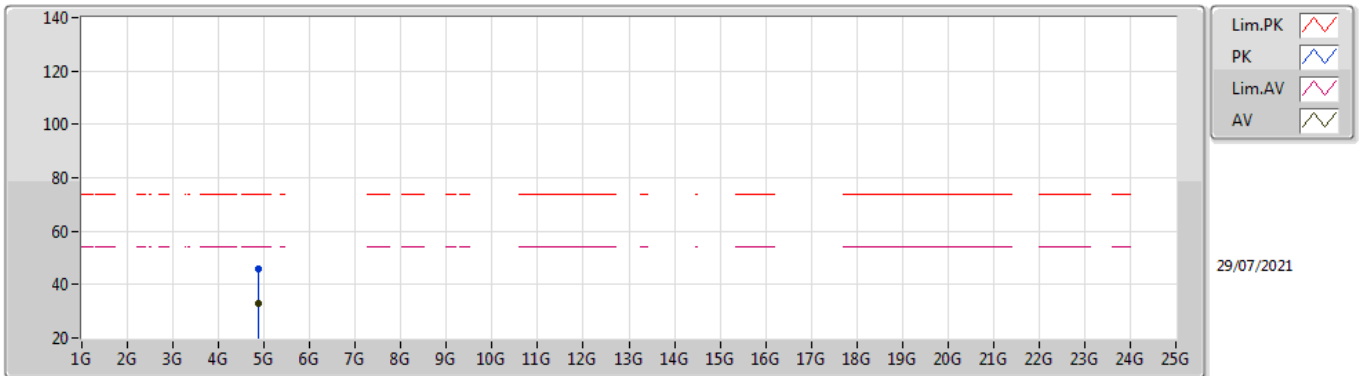


EUT V\_2TX  
Setting 40  
01-A-S-5

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	62.50	74.00	-11.50	32.93	3	Horizontal	180.7	2.06	-	27.38	2.19	-
AV	2.3898G	49.73	54.00	-4.27	20.16	3	Horizontal	180.7	2.06	-	27.38	2.19	-
PK	2.4306G	120.05	Inf	-Inf	90.36	3	Horizontal	180.7	2.06	-	27.46	2.23	-
AV	2.4318G	107.14	Inf	-Inf	77.45	3	Horizontal	180.7	2.06	-	27.46	2.23	-
PK	2.4835G	66.63	74.00	-7.37	36.65	3	Horizontal	180.7	2.06	-	27.70	2.28	-
AV	2.4835G	53.56	54.00	-0.44	23.58	3	Horizontal	180.7	2.06	-	27.70	2.28	-

802.11ax HEW40\_Nss1,(MCS0)\_2TX

2437MHz\_TX

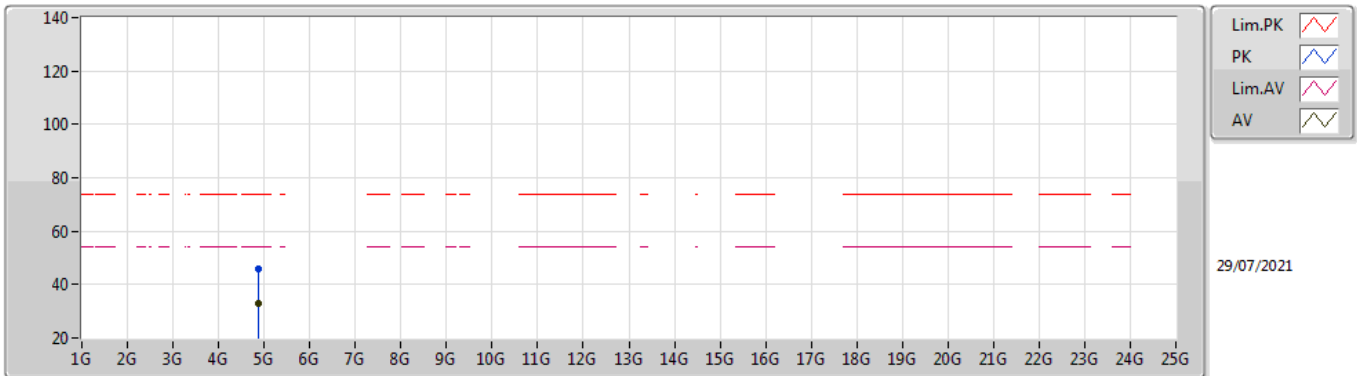


EUT Y\_2TX  
Setting 40  
01-A-S-5

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	4.8814G	45.78	74.00	-28.22	41.26	3	Vertical	28	1.61	-	32.46	5.04	32.98
AV	4.87868G	33.00	54.00	-21.00	28.48	3	Vertical	28	1.61	-	32.46	5.04	32.98

802.11ax HEW40\_Nss1,(MCS0)\_2TX

2437MHz\_TX

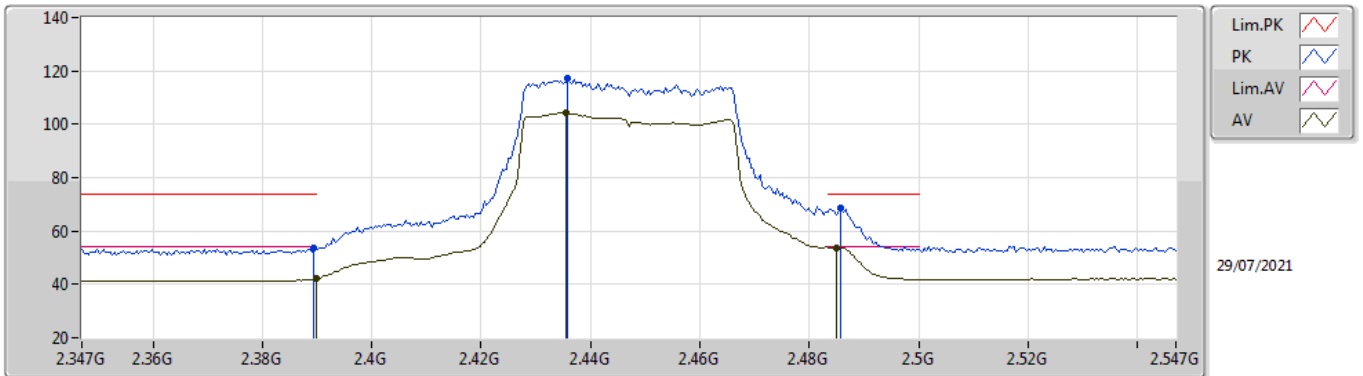


EUT Y\_2TX  
Setting 40  
01-A-S-5

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	4.87964G	45.75	74.00	-28.25	41.23	3	Horizontal	176	2.05	-	32.46	5.04	32.98
AV	4.88044G	32.99	54.00	-21.01	28.47	3	Horizontal	176	2.05	-	32.46	5.04	32.98

802.11ax HEW40\_Nss1,(MCS0)\_2TX

2447MHz\_TX

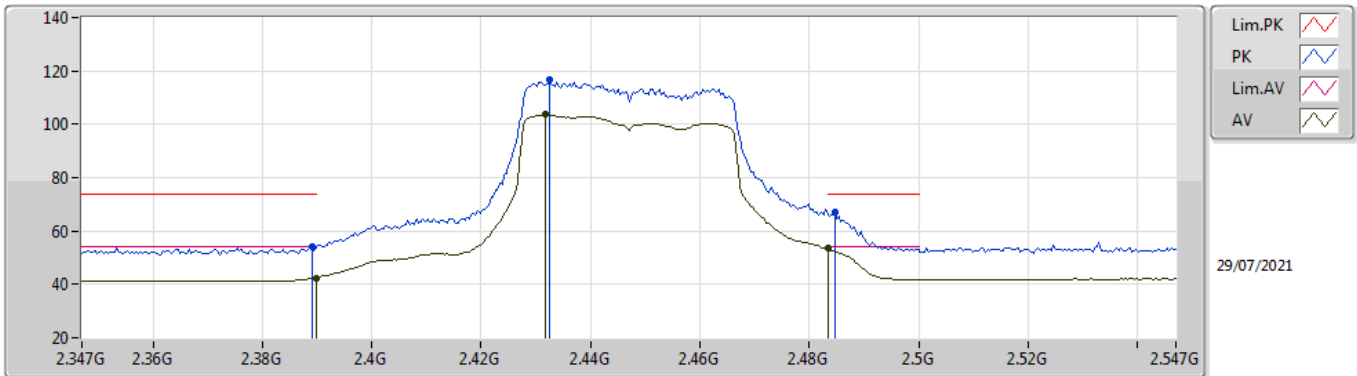


EUT V\_2TX  
Setting 34  
01-A-S-5

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	2.3894G	53.38	74.00	-20.62	23.81	3	Vertical	171.7	1.78	-	27.38	2.19	-
AV	2.3898G	42.34	54.00	-11.66	12.77	3	Vertical	171.7	1.78	-	27.38	2.19	-
PK	2.4358G	117.13	Inf	-Inf	87.42	3	Vertical	171.7	1.78	-	27.47	2.24	-
AV	2.4354G	104.33	Inf	-Inf	74.62	3	Vertical	171.7	1.78	-	27.47	2.24	-
PK	2.4858G	68.50	74.00	-5.50	38.50	3	Vertical	171.7	1.78	-	27.71	2.29	-
AV	2.485G	53.86	54.00	-0.14	23.86	3	Vertical	171.7	1.78	-	27.71	2.29	-

### 802.11ax HEW40\_Nss1,(MCS0)\_2TX

### 2447MHz\_TX

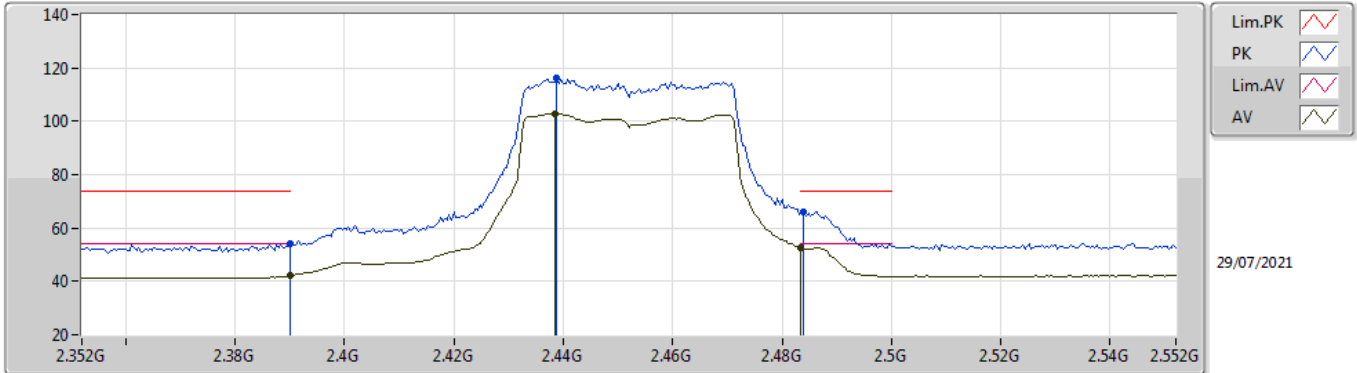


EUT V\_2TX  
Setting 34  
01-A-S-5

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	2.389G	54.00	74.00	-20.00	24.43	3	Horizontal	177.3	2.13	-	27.38	2.19	-
AV	2.3898G	42.38	54.00	-11.62	12.81	3	Horizontal	177.3	2.13	-	27.38	2.19	-
PK	2.4326G	116.82	Inf	-Inf	87.12	3	Horizontal	177.3	2.13	-	27.47	2.23	-
AV	2.4318G	103.54	Inf	-Inf	73.85	3	Horizontal	177.3	2.13	-	27.46	2.23	-
PK	2.4846G	66.98	74.00	-7.02	36.99	3	Horizontal	177.3	2.13	-	27.71	2.28	-
AV	2.4835G	53.61	54.00	-0.39	23.63	3	Horizontal	177.3	2.13	-	27.70	2.28	-

802.11ax HEW40\_Nss1,(MCS0)\_2TX

2452MHz\_TX

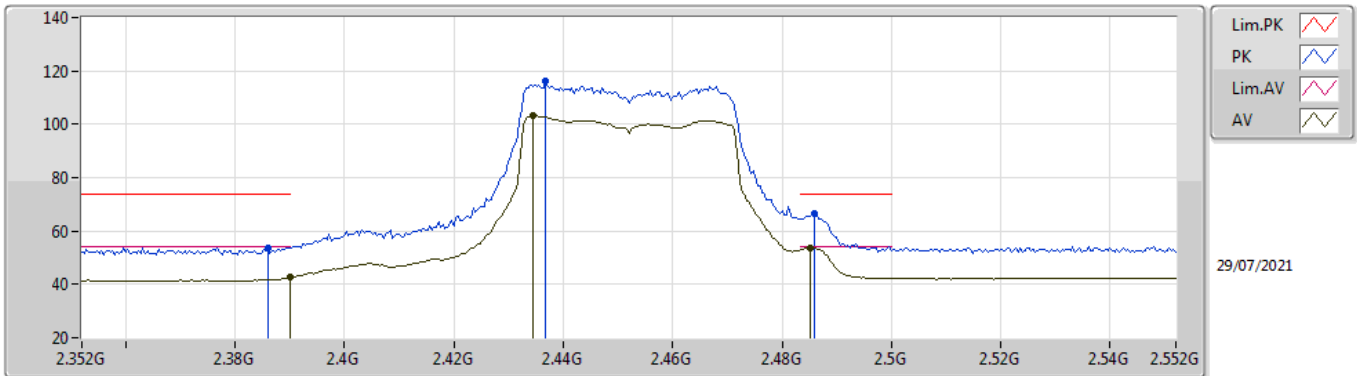


EUT V\_2TX  
Setting 32  
01-A-S-5

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	2.39G	54.19	74.00	-19.81	24.62	3	Vertical	180.3	1.89	-	27.38	2.19	-
AV	2.39G	42.09	54.00	-11.91	12.52	3	Vertical	180.3	1.89	-	27.38	2.19	-
PK	2.4388G	115.98	Inf	-Inf	86.26	3	Vertical	180.3	1.89	-	27.48	2.24	-
AV	2.4384G	102.82	Inf	-Inf	73.10	3	Vertical	180.3	1.89	-	27.48	2.24	-
PK	2.484G	66.15	74.00	-7.85	36.17	3	Vertical	180.3	1.89	-	27.70	2.28	-
AV	2.4835G	52.67	54.00	-1.33	22.69	3	Vertical	180.3	1.89	-	27.70	2.28	-

802.11ax HEW40\_Nss1,(MCS0)\_2TX

2452MHz\_TX



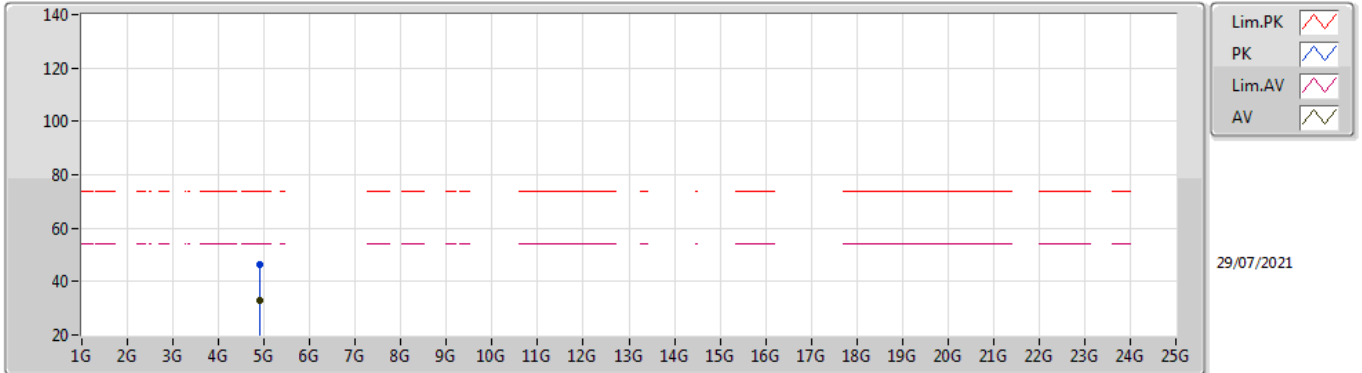
EUT V\_2TX  
Setting 32  
01-A-S-5

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	2.386G	53.81	74.00	-20.19	24.25	3	Horizontal	180.3	1.71	-	27.37	2.19	-
AV	2.39G	42.55	54.00	-11.45	12.98	3	Horizontal	180.3	1.71	-	27.38	2.19	-
PK	2.4368G	115.95	Inf	-Inf	86.24	3	Horizontal	180.3	1.71	-	27.47	2.24	-
AV	2.4344G	103.16	Inf	-Inf	73.46	3	Horizontal	180.3	1.71	-	27.47	2.23	-
PK	2.486G	66.62	74.00	-7.38	36.61	3	Horizontal	180.3	1.71	-	27.72	2.29	-
AV	2.4852G	53.64	54.00	-0.36	23.64	3	Horizontal	180.3	1.71	-	27.71	2.29	-



802.11ax HEW40\_Nss1,(MCS0)\_2TX

2452MHz\_TX

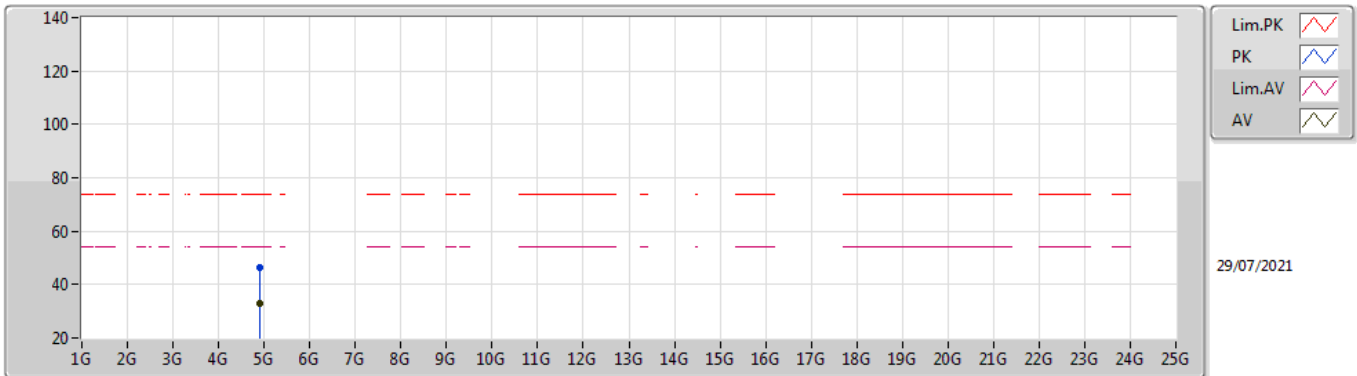


EUT Y\_2TX  
Setting 32  
01-A-S-5

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	4.90956G	46.25	74.00	-27.75	41.61	3	Vertical	108	2.91	-	32.56	5.05	32.97
AV	4.90724G	32.74	54.00	-21.26	28.12	3	Vertical	108	2.91	-	32.54	5.05	32.97

802.11ax HEW40\_Nss1,(MCS0)\_2TX

2452MHz\_TX



EUT Y\_2TX  
Setting 32  
01-A-S-5

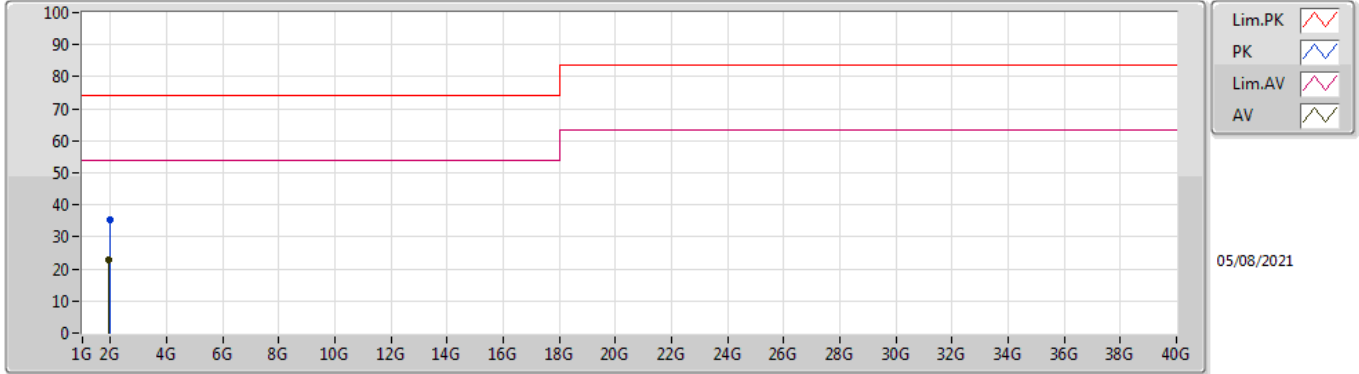
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.90076G	46.53	74.00	-27.47	41.95	3	Horizontal	252	2.21	-	32.50	5.05	32.97
AV	4.90844G	32.73	54.00	-21.27	28.10	3	Horizontal	252	2.21	-	32.55	5.05	32.97



**Summary**

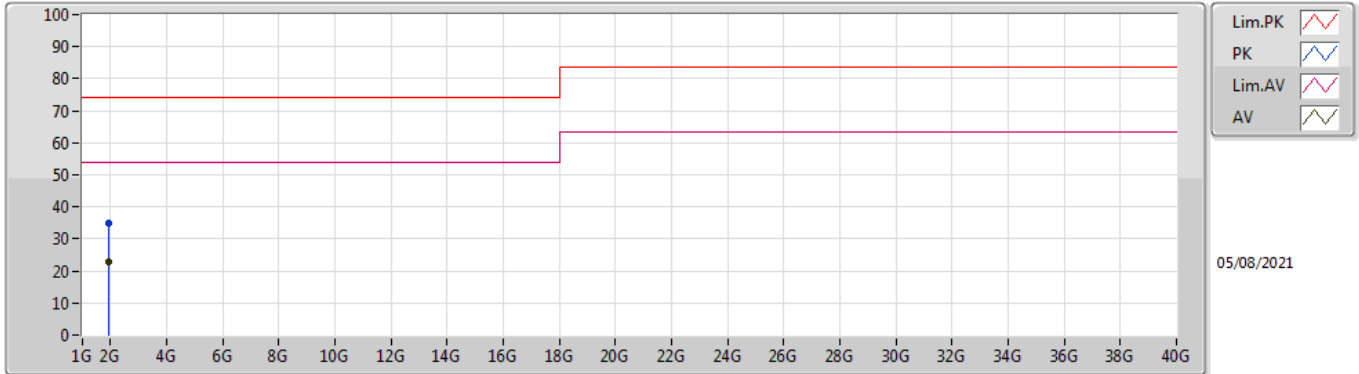
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	1.95711G	22.83	54.00	-31.17	Horizontal

### 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	1.95928G	35.15	74.00	-38.85	-7.68	3	Vertical	256	1.11	-	42.83	25.74	3.76	37.18
AV	1.95777G	22.82	54.00	-31.18	-7.69	3	Vertical	256	1.11	"Worst"	30.51	25.73	3.76	37.18

### Mode 1



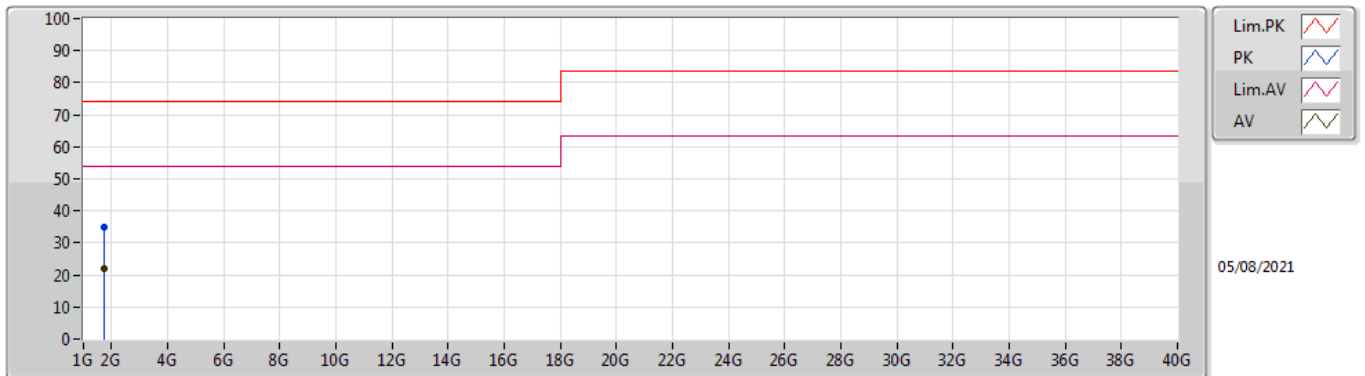
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
PK	1.95741G	34.87	74.00	-39.13	-7.69	3	Horizontal	123	1.00	-	42.56	25.73	3.76	37.18
AV	1.95711G	22.83	54.00	-31.17	-7.69	3	Horizontal	123	1.00	"Worst"	30.52	25.73	3.76	37.18



**Summary**

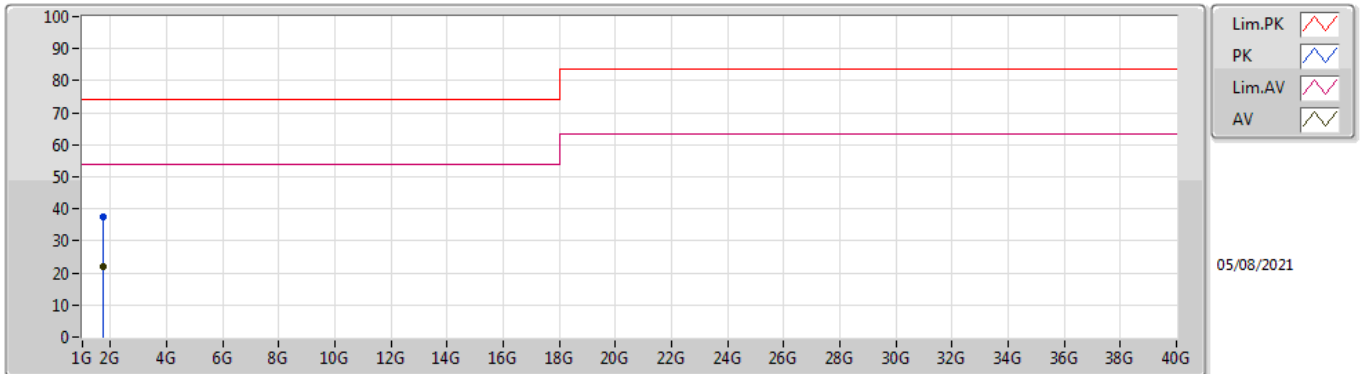
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 2	Pass	AV	1.75444G	22.00	54.00	-32.00	Vertical

### Mode 2



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	1.75212G	34.79	74.00	-39.21	-8.83	3	Vertical	110	1.00	-	43.62	24.91	3.55	37.29
AV	1.75444G	22.00	54.00	-32.00	-8.82	3	Vertical	110	1.00	"Worst"	30.82	24.92	3.55	37.29

### Mode 2



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	1.75698G	37.47	74.00	-36.53	-8.80	3	Horizontal	222	1.00	-	46.27	24.93	3.56	37.29
AV	1.75476G	22.00	54.00	-32.00	-8.82	3	Horizontal	222	1.00	"Worst"	30.82	24.92	3.55	37.29