

# FCC Radio Test Report

**FCC ID** : TLZ-CU544  
**Equipment** : IEEE 802.11 b/g/n MAC/baseband/radio and Bluetooth 5.2 IoT Module  
**Brand Name** : AzureWave  
**Model Name** : AW-CU544-E, AW-CU544-P  
**Applicant** : AzureWave Technologies, Inc.  
8F., No.94, Baozhong Rd. , Xindian Dist.,  
New Taipei City , Taiwan 231  
**Manufacturer** : AzureWave Technologies, Inc.  
8F., No.94, Baozhong Rd. , Xindian Dist.,  
New Taipei City , Taiwan 231  
**Standard** : 47 CFR FCC Part 15.247

The product was received on May 11, 2022, and testing was started from May 28, 2022 and completed on Jul. 11, 2022. We, SPORTON INTERNATIONAL INC. Hsinhua 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. Hsinhua Laboratory, the test report shall not be reproduced except in full.



Approved by: Jackson Tsai

**SPORTON INTERNATIONAL INC. Hsinhua Laboratory**

No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, 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	-

<b>Declaration of Conformity:</b>
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
<b>Comments and explanations:</b>
None

Reviewed by: Ben Tseng

Report Producer: Ann Hou



# 1 General Description

## 1.1 Information

### 1.1.1 RF General Information

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

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	1TX
2.4-2.4835GHz	802.11g	20	1TX
2.4-2.4835GHz	802.11n HT20	20	1TX

**Note:**

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

### 1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)	Remark
1	MAG. LAYERS SCIENTIFIC-TECHNICS CO., LTD	MSA-4008-25G C1-A	PIFA	I-Pex	2.98	SKU 1
2	Azurewave	AW-CU544	PCB	N/A	3.12	SKU 2

Note 1: The EUT has two antennas.

Note 2: EUT can match with above antennas for using. Higher gain in each type of antenna was used to perform the worst configuration and result of that was recorded as the final test result.

**For 2.4GHz function:**

For IEEE 802.11 b/g/n mode (1TX/1RX)

Ant. 1 or Ant. 2 could transmit/receive.

**For BT function:**

For IEEE 802.15.1 Bluetooth mode (1TX/1RX)

Ant. 1 or Ant. 2 could transmit/receive.



1.1.3 EUT Information

Operational Condition				
EUT Power Type	From Host system			
EUT Function	<input checked="" type="checkbox"/>	Point-to-multipoint	<input type="checkbox"/>	Point-to-point
Beamforming Function	<input type="checkbox"/>	With beamforming	<input checked="" type="checkbox"/>	Without beamforming
Type of EUT				
<input checked="" type="checkbox"/>	Stand-alone			
<input type="checkbox"/>	Combined (EUT where the radio part is fully integrated within another device)			
	Combined Equipment - Brand Name / Model No.:		...	
<input type="checkbox"/>	Plug-in radio (EUT intended for a variety of host systems)			
	Host System - Brand Name / Model No.:		...	
<input type="checkbox"/>	Other:			

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b_Nss1,(1Mbps)_1TX	0.971	0.13	8.418m	300
802.11g_Nss1,(6Mbps)_1TX	0.821	0.86	1.397m	1k
802.11n HT20_Nss1,(MCS0)_1TX	0.821	0.86	1.309m	1k

Note: If DC < 0.98, the DCF was added while measuring Output power and PSD.

1.1.5 Table for Multiple Listing

The model names in the following table are all refer to the identical product.

Model Name	Description
AW-CU544-E, AW-CU544-P	All the models are identical, the difference model for served as marketing strategy.

Note: From the above models, model: AW-CU544-E was selected as representative model for the test and its data was recorded in this report.



## 1.2 Testing Applied Standards

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

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

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

- ◆ KDB 558074 D01 v05r02
- ◆ KDB 414788 D01 v01r01

## 1.3 Testing Location Information

<b>Test Lab. : Sporton International Inc. Hsinhua Laboratory</b>				
<input checked="" type="checkbox"/> Hsinhua (TAF: 3785)	ADD: No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
	TEL: 886-3-327-3456	FAX: 886-3-327-0973		
Test site Designation No. TW3785 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Yuna	22.4~23.6°C / 58~62%	18/Jun/2022
RF Conducted	TH01-HY	Johnny	23.1~25.7°C / 54~63%	08/Jun/2022~11/Jul/2022
Radiated	03CH02-HY	Lego	21.5~22.3°C / 58~61%	28/May/2022~10/Jun/2022
<input type="checkbox"/> Wen 33rd.St. (TAF: 3785)	ADD: No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)			
	TEL: 886-3-318-0787	FAX: 886-3-318-0287		
Test site Designation No. TW0008 with FCC.				

## 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)	0.9 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	2.4 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	3.7 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	3.6 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%
Conducted Emission	1.0 dB	Confidence levels of 95%
Temperature	0.41 °C	Confidence levels of 95%
Humidity	3.4 %	Confidence levels of 95%



## 2 Test Configuration of EUT

### 2.1 Test Channel Mode

Test Software Version	Dos v6.1
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Mode	Power Setting
802.11b_Nss1,(1Mbps)_1TX	-
2412MHz	78
2417MHz	72
2437MHz	70
2457MHz	68
2462MHz	70
802.11g_Nss1,(6Mbps)_1TX	-
2412MHz	67
2417MHz	75
2437MHz	80
2457MHz	69
2462MHz	64
802.11n HT20_Nss1,(MCS0)_1TX	-
2412MHz	61
2417MHz	68
2437MHz	82
2457MHz	70
2462MHz	64



## 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
1	USB mode; PCB Ant.
2	USB mode; PIFA Ant.

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

The Worst Case Mode for Following Conformance Tests			
<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		
1	USB mode; PCB Ant.		
2	USB mode; PIFA Ant.		
<b>Operating Mode &gt; 1GHz</b>	CTX		
<b>Orthogonal Planes of EUT</b>	<b>X Plane</b>	<b>Y Plane</b>	<b>Z Plane</b>
			
<b>Worst Planes of EUT</b>		V(PCB)	V(PIFA)



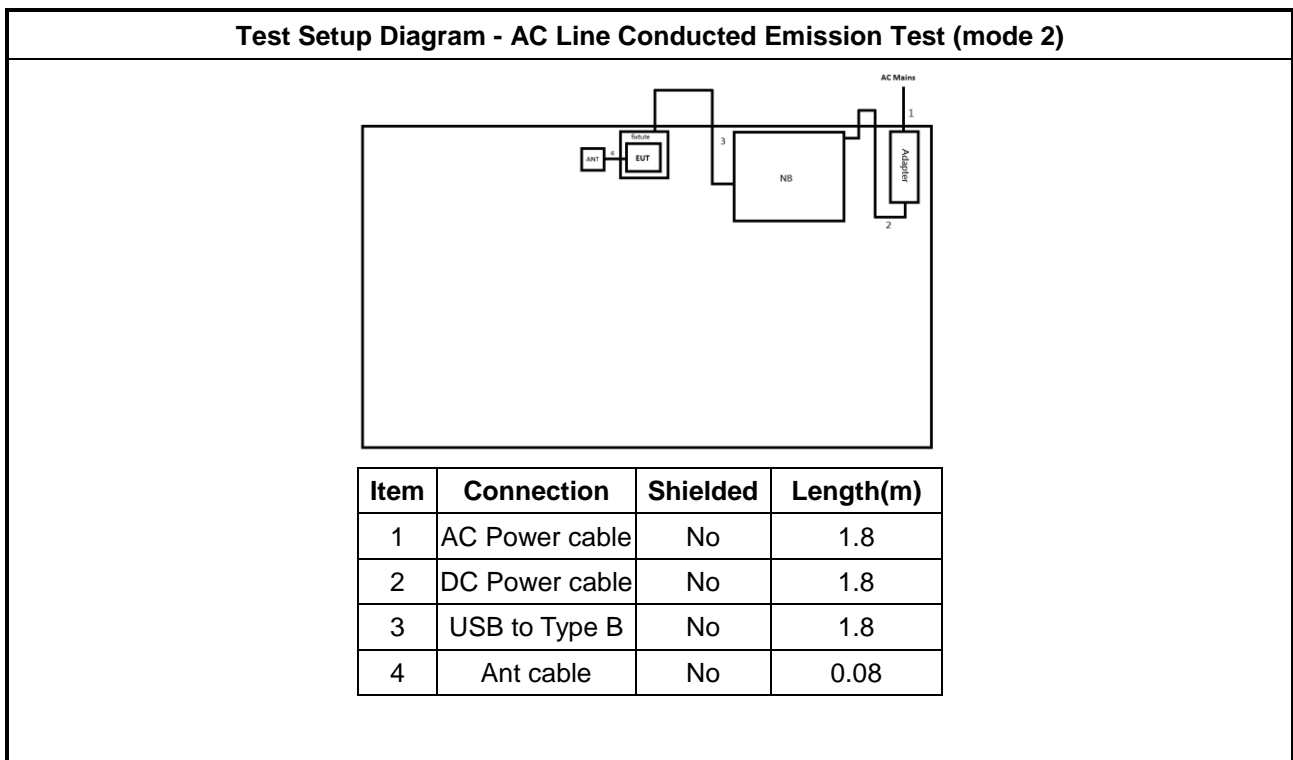
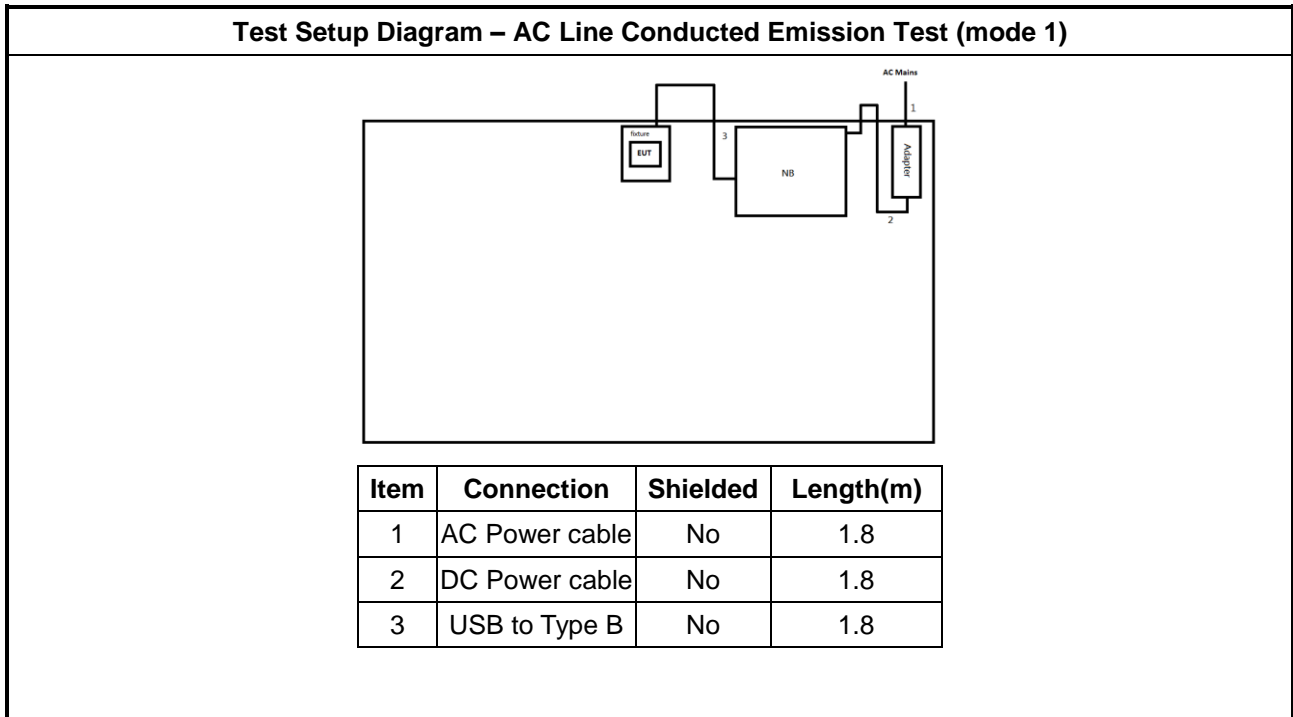
### 2.3 Support Equipment

Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	HP	HSTNN-142C	-	-
2	Adapter for NB	HP	HSTNN-LA40	-	-
3	USB to Type B	-	-	-	-
4	Fixture	AzureWave	2427	-	Provided by Customer

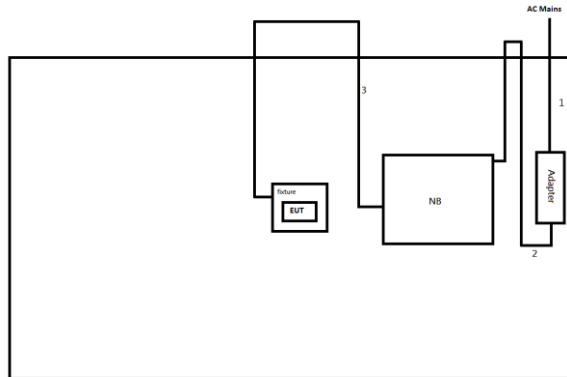
Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	HP	HSTNN-I42C	-	-
2	Adapter for NB	HP	HSTNN-CA40	-	-
3	Fixture	AzureWave	2427	-	Provided by Customer

Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	HP	HSTNN-142C	-	-
2	Adapter for NB	HP	HSTNN-LA40	-	-
3	USB to Type B	-	-	-	-
4	Fixture	AzureWave	2427	-	Provided by Customer

## 2.4 Test Setup Diagram

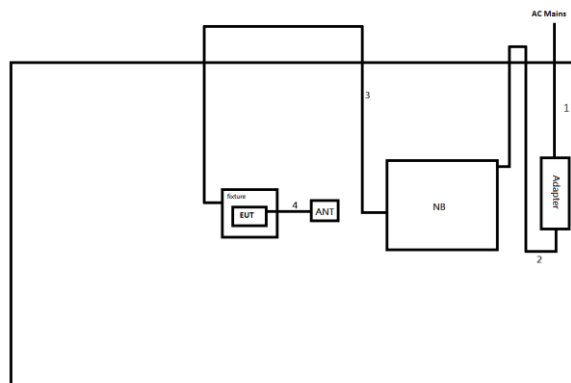


**Test Setup Diagram - Radiated Test (mode 1)**



Item	Connection	Shielded	Length(m)
1	AC Power cable	No	1.8
2	DC Power cable	No	1.8
3	USB to Type B	No	1.8

**Test Setup Diagram - Radiated Test (mode 2)**



Item	Connection	Shielded	Length(m)
1	AC Power cable	No	1.8
2	DC Power cable	No	1.8
3	USB to Type B	No	1.8
4	Ant cable	No	0.08



### 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

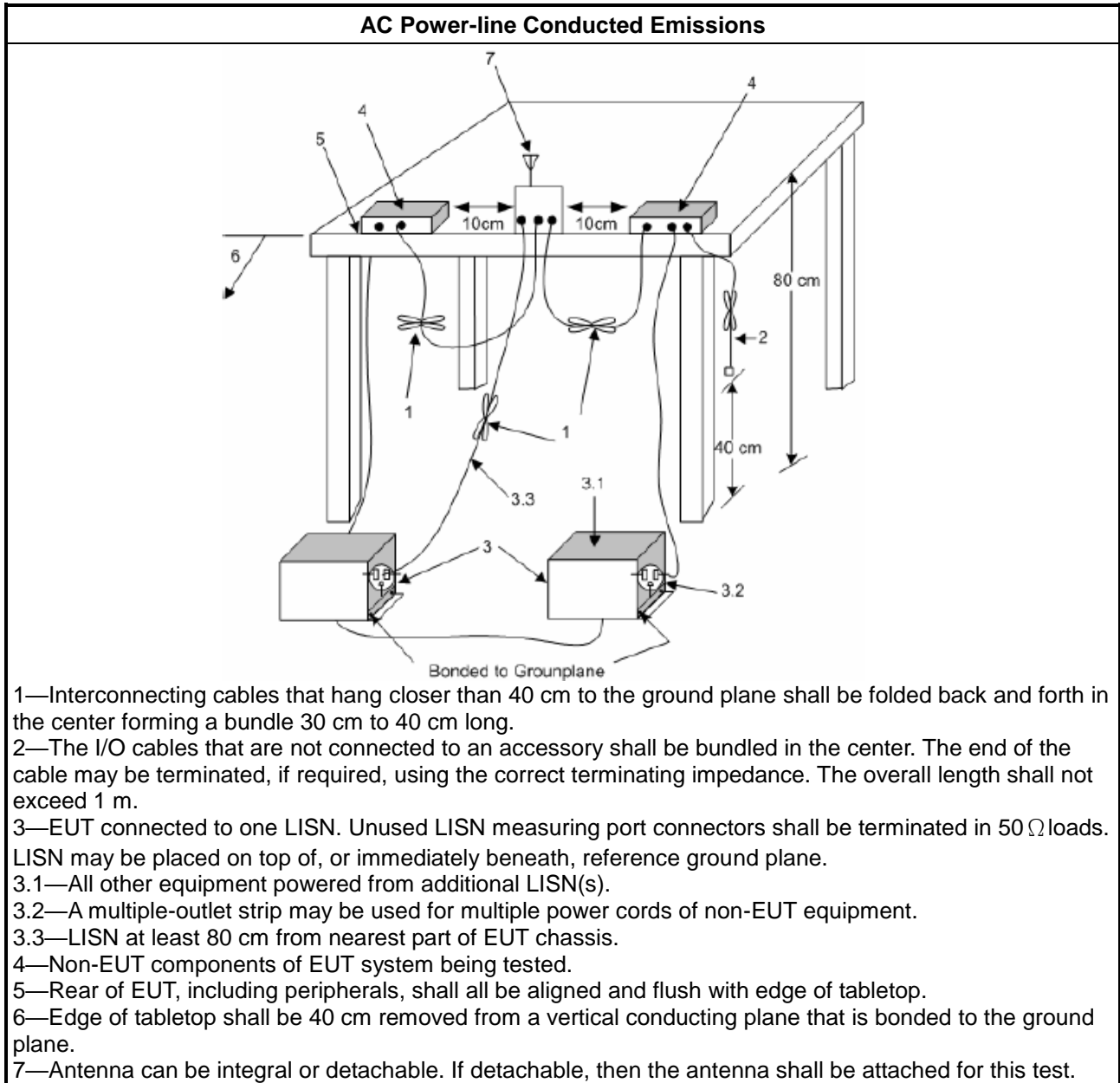
Test Method
<input checked="" type="checkbox"/> Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

##### 3.1.4 Measurement Results Calculation

The measured Level is calculated using:

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

### 3.1.5 Test Setup



### 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>

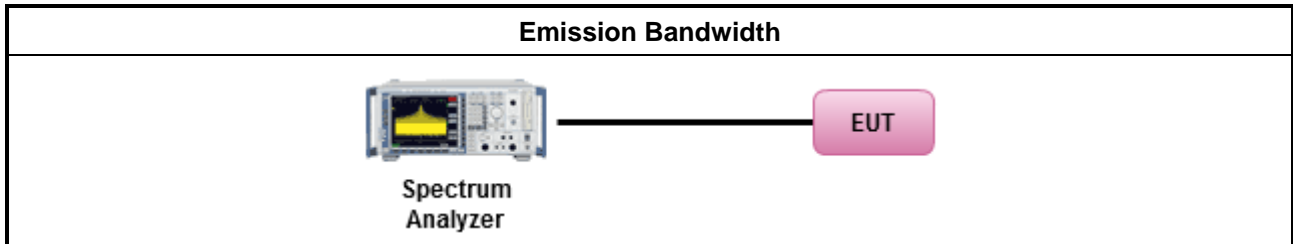
#### 3.2.2 Measuring Instruments

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 KDB 558074. clause 8.2 (11.8 of ANSI C63.10) DTS bandwidth measurement.
<input type="checkbox"/>	Refer as RSS-Gen, clause 6.7 for occupied bandwidth testing.
<input type="checkbox"/>	Refer as ANSI C63.10, clause 6.9.3 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>
e.i.r.p. Power Limit:	
	<ul style="list-style-type: none"> <li>▪ 2400-2483.5 MHz Band</li> </ul>
	<ul style="list-style-type: none"> <li>▪ Point-to-multipoint systems (P2M): <math>P_{eirp} \leq 36</math> dBm (4 W)</li> </ul>
	<ul style="list-style-type: none"> <li>▪ Point-to-point systems (P2P): <math>P_{eirp} \leq \text{MAX}(36, [P_{Out} + G_{TX}])</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: <math>P_{eirp} \leq \text{MAX}(36, P_{Out} + G_{TX})</math> dBm</li> </ul>
	<ul style="list-style-type: none"> <li>- Overlap beam: <math>P_{eirp} \leq \text{MAX}(36, P_{Out} + G_{TX})</math> dBm</li> </ul>
	<ul style="list-style-type: none"> <li>- Aggregate power on all beams: <math>P_{eirp} \leq \text{MAX}(36, [P_{Out} + G_{TX} + 8])</math> dBm</li> </ul>
<p><math>P_{Out}</math> = maximum peak conducted output power or maximum conducted output power in dBm,  <math>G_{TX}</math> = the maximum transmitting antenna directional gain in dBi.</p>	

#### 3.3.2 Measuring Instruments

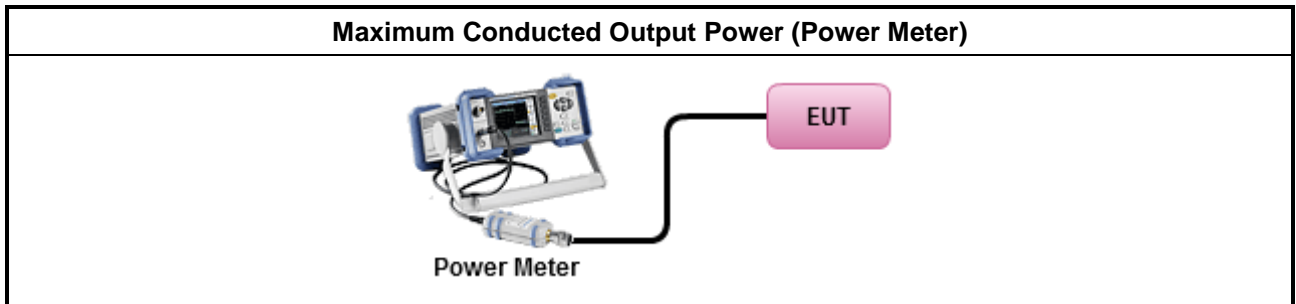
Refer a test equipment and calibration data table in this test report.



### 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 KDB 558074, clause 8.3.1.1 (11.9.1.1 of ANSI C63.10) RBW ≥ EBW method.
<input type="checkbox"/>	Refer as KDB 558074, clause 8.3.1.2 (11.9.1.2 of ANSI C63.10) integrated band power method.
<input type="checkbox"/>	Refer as KDB 558074, clause 8.3.1.3 (11.9.1.3 of ANSI C63.10) peak power meter.
<ul style="list-style-type: none"> <li>▪ Maximum Average Conducted Output Power</li> </ul>	
<input type="checkbox"/>	Refer as KDB 558074, clause 8.3.2.2 (11.9.2.2 of ANSI C63.10) using a spectrum analyzer.
<input checked="" type="checkbox"/>	Refer as KDB 558074, clause 8.3.2.3 (11.9.2.3 of ANSI C63.10) using a 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 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>P_{total} = P_1 + P_2 + \dots + P_n</math>                      (calculated in linear unit [mW] and transfer to log unit [dBm])  <math>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>

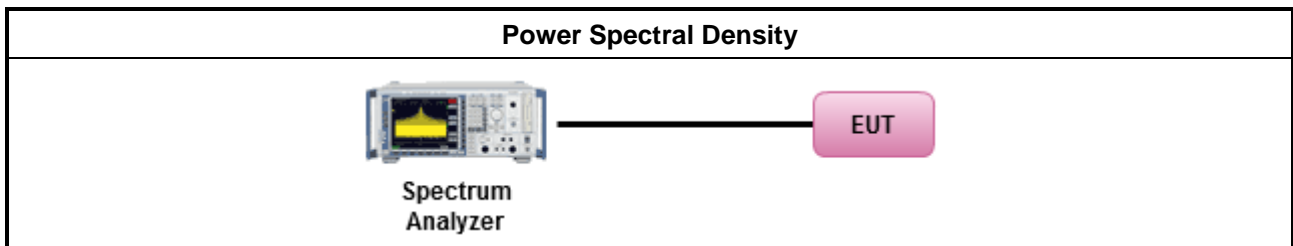
#### 3.4.2 Measuring Instruments

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 KDB 558074, clause 8.4 (11.10 of ANSI C63.10) 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:                 <ul style="list-style-type: none"> <li>Measure and sum the spectra across the outputs. Refer as 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.</li> </ul> </li> </ul> </li> </ul>

#### 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 (dB)
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 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 level.

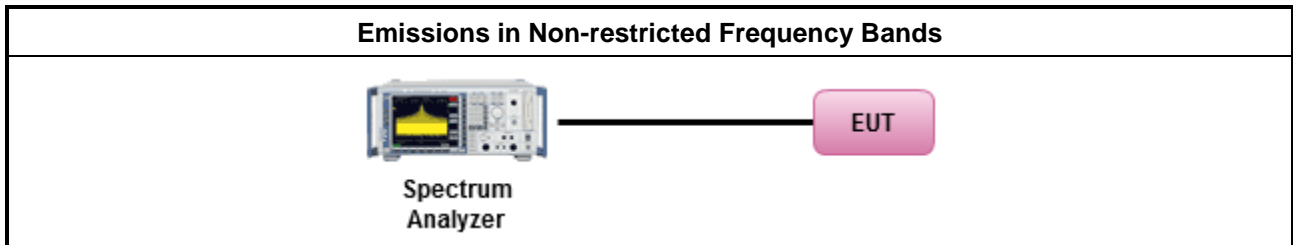
#### 3.5.2 Measuring Instruments

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 KDB 558074, clause 8.5 (11.11 of ANSI C63.10) for non-restricted frequency 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

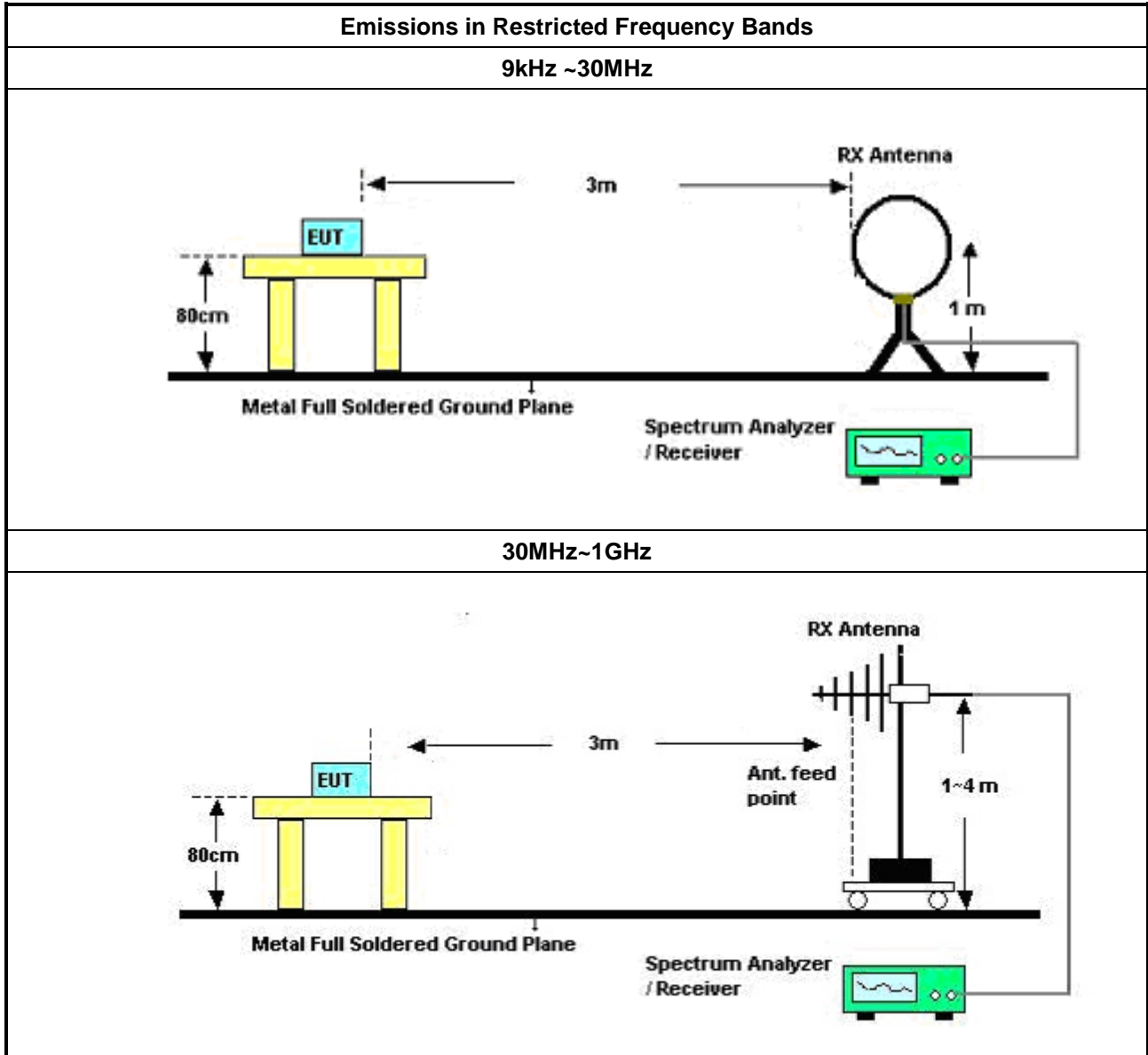
Test Method	
	<ul style="list-style-type: none"> <li>The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].</li> </ul>
	<ul style="list-style-type: none"> <li>Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest 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 KDB 558074, clause 8.6 (11.12 of ANSI C63.10) for restricted frequency bands.</li> </ul>
	<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 KDB 558074 clause 8.7.1, 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 KDB 558074, clause 8.7.2 (6.10.6 of ANSI C63.10) for marker-delta method for band-edge measurements.</li> </ul>
	<ul style="list-style-type: none"> <li>Refer as KDB 558074, clause 8.7.3 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels.</li> </ul>
	<ul style="list-style-type: none"> <li>Use the following spectrum analyzer settings:</li> </ul>
	<ul style="list-style-type: none"> <li>Set RBW=100 kHz for f &lt; 1 GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.</li> </ul>
	<ul style="list-style-type: none"> <li>Set RBW = 1 MHz, VBW= 3MHz for f ≥ 1 GHz for peak measurement. For average measurement, refer as 1.1.4.</li> </ul>
	<ul style="list-style-type: none"> <li>KDB 414788 Open-Field Test Sites and Chamber Correlation Justification.</li> </ul>
	<ul style="list-style-type: none"> <li>Based on FCC 15.31(f)(2): measurements may be performed at a distance closer than that specified in regulations; however, an attempt should be made to avoid making measurements in the near field.</li> </ul>
	<ul style="list-style-type: none"> <li>Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.</li> </ul>

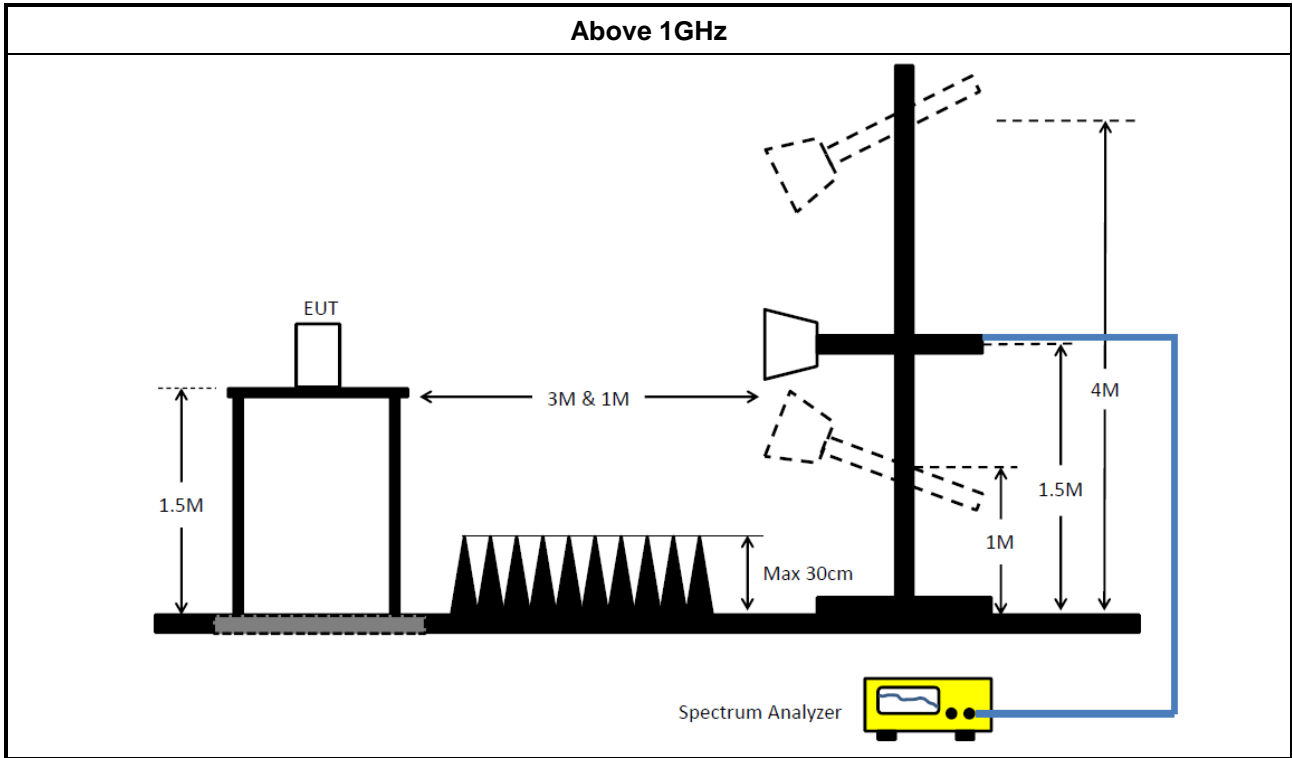
3.6.4 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamplifier Factor)

3.6.5 Test Setup





**3.6.6 Test Result of Emissions in Restricted Frequency Bands (Below 30MHz)**

The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

**3.6.7 Test Result of Emissions in Restricted Frequency Bands**

Refer as Appendix F



## 4 Test Equipment and Calibration Data

### Instrument for AC Conduction

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	R&S	ESR	102051	9kHz ~ 3.6GHz	13/May/2022	12/May/2023
Two-Line V-Network	R&S	ENV 216	100003	9kHz ~ 30MHz	18/Feb/2022	17/Feb/2023
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	01/Mar/2022	28/Feb/2023
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	26/Oct/2021	25/Oct/2022
Software	Sporton	SENSE-EMI	V5.10.14	-	NCR	NCR

NCR: No Calibration Required

### Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101013	10Hz~40GHz	01/Apr/2022	31/Mar/2023
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	21/Oct/2021	20/Oct/2022
Pulse Sensor	Anritsu	MA2411B	0917017	300MHz~40GHz	21/Feb/2022	20/Feb/2023
Power Meter	Anritsu	ML2495A	0949003	300MHz~40GHz	21/Feb/2022	20/Feb/2023
SENSE-15247_DTS	Sporton	V5.10.7.17	N/A	N/A	N/A	N/A

### Instrument for Radiated Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	30MHz~1GHz 3m	02/Aug/2021	01/Aug/2022
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3m	01/Aug/2021	31/Jul/2022
Signal Analyzer	R&S	FSP40	100593	9kHz~40GHz	08/Apr/2022	07/Apr/2023
Amplifier	Agilent	8447D	2944A11149	100kHz~1.3GHz	29/Jun/2021	28/Jun/2022
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	03/Nov/2021	02/Nov/2022
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02268	1GHz ~18GHz	14/Sep/2021	13/Sep/2022
Bilog Antenna & 5dB Attenuator	SCHAFFNER / MTJ	CBL 6112B / MTJ6102-05	2723 / 2	30MHz~1GHz	04/Sep/2021	03/Sep/2022
RF Cable	MVE	400LL	MVE-1-0802	9kHz~30MHz	04/May/2022	03/May/2023
RF Cable	MVE	400LL	MVE-1-0802	30MHz~1GHz	04/May/2022	03/May/2023
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX104	805193/4+805192 /4	1GHz~40GHz	01/Apr/2022	31/Mar/2023
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz~40GHz	18/Mar/2022	17/Mar/2023
Microwave Prempplier	EMC INSTRUMENTS	EM18G40G	060604	18GHz~40GHz	08/Mar/2022	07/Mar/2023
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	18/Mar/2022	17/Mar/2023
EMI Test Receiver	R&S	ESR3	102052	9kHz~3.6GHz	13/May/2022	12/May/2023
SENSE-15247_DTS	Sporton	V5.10.7.15	N/A	N/A	N/A	N/A





**Summary**

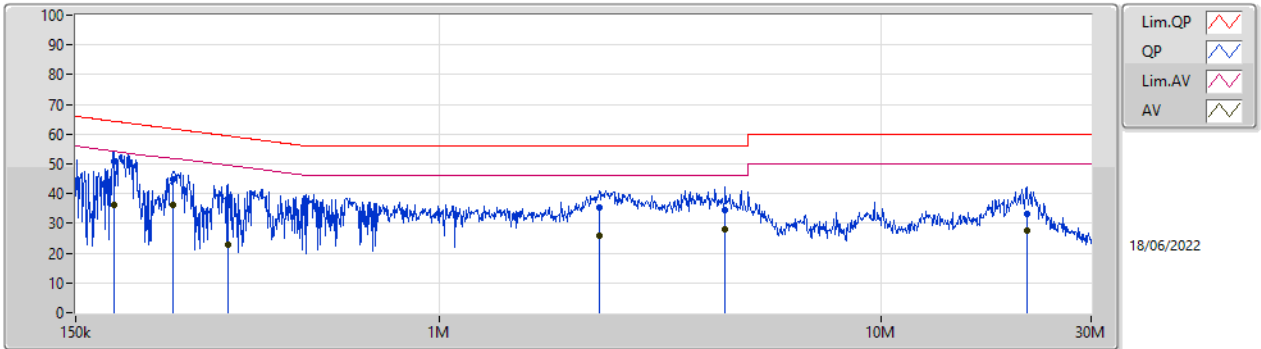
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	185.344k	51.87	64.24	-12.37	Neutral



Result

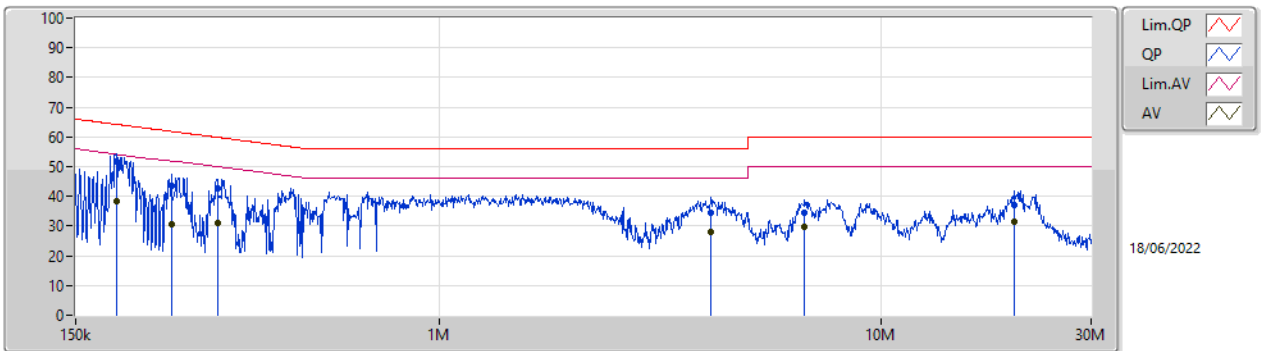
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	183.137k	50.88	64.34	-13.46	Line	-
Mode 1	Pass	AV	183.137k	36.13	54.34	-18.21	Line	-
Mode 1	Pass	QP	249.042k	45.03	61.79	-16.76	Line	-
Mode 1	Pass	AV	249.042k	36.23	51.79	-15.56	Line	-
Mode 1	Pass	QP	331.971k	38.44	59.40	-20.96	Line	-
Mode 1	Pass	AV	331.971k	22.74	49.40	-26.66	Line	-
Mode 1	Pass	QP	2.301M	35.27	56.00	-20.73	Line	-
Mode 1	Pass	AV	2.301M	25.96	46.00	-20.04	Line	-
Mode 1	Pass	QP	4.446M	34.28	56.00	-21.72	Line	-
Mode 1	Pass	AV	4.446M	28.14	46.00	-17.86	Line	-
Mode 1	Pass	QP	21.434M	33.38	60.00	-26.62	Line	-
Mode 1	Pass	AV	21.434M	27.40	50.00	-22.60	Line	-
Mode 1	Pass	QP	185.344k	51.87	64.24	-12.37	Neutral	-
Mode 1	Pass	AV	185.344k	38.53	54.24	-15.71	Neutral	-
Mode 1	Pass	QP	247.062k	43.60	61.85	-18.25	Neutral	-
Mode 1	Pass	AV	247.062k	30.50	51.85	-21.35	Neutral	-
Mode 1	Pass	QP	313.927k	42.63	59.86	-17.23	Neutral	-
Mode 1	Pass	AV	313.927k	31.10	49.86	-18.76	Neutral	-
Mode 1	Pass	QP	4.122M	34.47	56.00	-21.53	Neutral	-
Mode 1	Pass	AV	4.122M	27.95	46.00	-18.05	Neutral	-
Mode 1	Pass	QP	6.735M	34.63	60.00	-25.37	Neutral	-
Mode 1	Pass	AV	6.735M	29.83	50.00	-20.17	Neutral	-
Mode 1	Pass	QP	20.107M	36.86	60.00	-23.14	Neutral	-
Mode 1	Pass	AV	20.107M	31.54	50.00	-18.46	Neutral	-

Conducted Emissions at Powerline\_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	183.137k	50.88	64.34	-13.46	19.63	Line	-	31.25	9.69	0.03	9.91
AV	183.137k	36.13	54.34	-18.21	19.63	Line	-	16.50	9.69	0.03	9.91
QP	249.042k	45.03	61.79	-16.76	19.63	Line	-	25.40	9.69	0.03	9.91
AV	249.042k	36.23	51.79	-15.56	19.63	Line	-	16.60	9.69	0.03	9.91
QP	331.971k	38.44	59.40	-20.96	19.63	Line	-	18.81	9.68	0.04	9.91
AV	331.971k	22.74	49.40	-26.66	19.63	Line	-	3.11	9.68	0.04	9.91
QP	2.301M	35.27	56.00	-20.73	19.71	Line	-	15.56	9.70	0.09	9.92
AV	2.301M	25.96	46.00	-20.04	19.71	Line	-	6.25	9.70	0.09	9.92
QP	4.446M	34.28	56.00	-21.72	19.78	Line	-	14.50	9.72	0.14	9.92
AV	4.446M	28.14	46.00	-17.86	19.78	Line	-	8.36	9.72	0.14	9.92
QP	21.434M	33.38	60.00	-26.62	20.00	Line	-	13.38	9.79	0.28	9.93
AV	21.434M	27.40	50.00	-22.60	20.00	Line	-	7.40	9.79	0.28	9.93

Conducted Emissions at Powerline\_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	185.344k	51.87	64.24	-12.37	19.66	Neutral	-	32.21	9.72	0.03	9.91
AV	185.344k	38.53	54.24	-15.71	19.66	Neutral	-	18.87	9.72	0.03	9.91
QP	247.062k	43.60	61.85	-18.25	19.66	Neutral	-	23.94	9.72	0.03	9.91
AV	247.062k	30.50	51.85	-21.35	19.66	Neutral	-	10.84	9.72	0.03	9.91
QP	313.927k	42.63	59.86	-17.23	19.67	Neutral	-	22.96	9.72	0.04	9.91
AV	313.927k	31.10	49.86	-18.76	19.67	Neutral	-	11.43	9.72	0.04	9.91
QP	4.122M	34.47	56.00	-21.53	19.81	Neutral	-	14.66	9.76	0.13	9.92
AV	4.122M	27.95	46.00	-18.05	19.81	Neutral	-	8.14	9.76	0.13	9.92
QP	6.735M	34.63	60.00	-25.37	19.92	Neutral	-	14.71	9.83	0.16	9.93
AV	6.735M	29.83	50.00	-20.17	19.92	Neutral	-	9.91	9.83	0.16	9.93
QP	20.107M	36.86	60.00	-23.14	20.19	Neutral	-	16.67	9.99	0.27	9.93
AV	20.107M	31.54	50.00	-18.46	20.19	Neutral	-	11.35	9.99	0.27	9.93



**Summary**

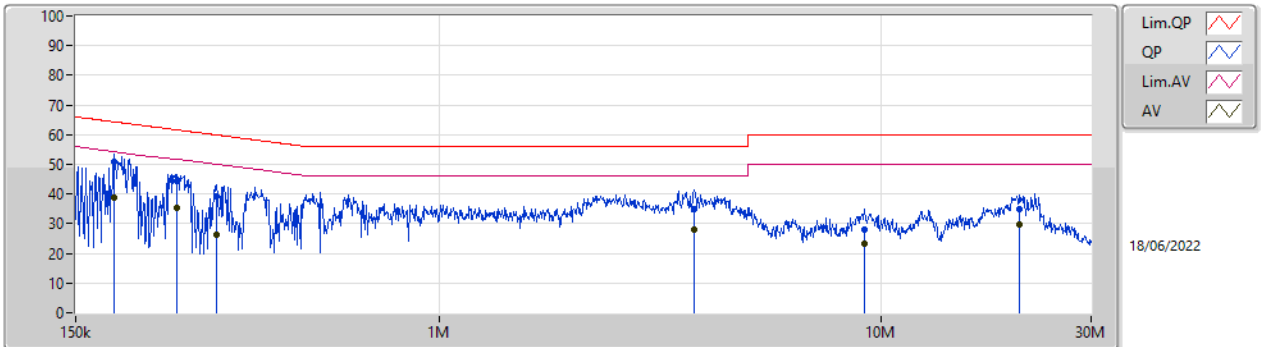
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 2	Pass	QP	182.408k	52.20	64.37	-12.17	Neutral



Result

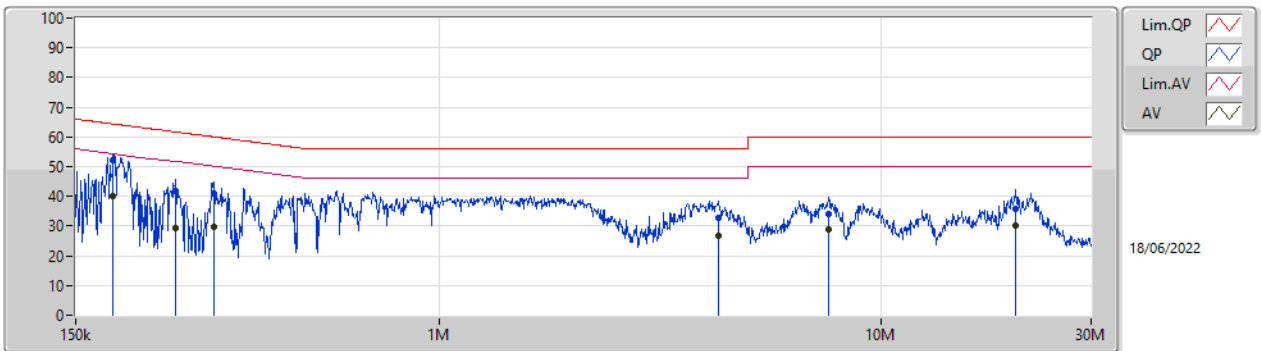
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 2	Pass	QP	183.87k	51.07	64.30	-13.23	Line	-
Mode 2	Pass	AV	183.87k	38.59	54.30	-15.71	Line	-
Mode 2	Pass	QP	254.063k	44.42	61.62	-17.20	Line	-
Mode 2	Pass	AV	254.063k	35.49	51.62	-16.13	Line	-
Mode 2	Pass	QP	312.676k	39.02	59.90	-20.88	Line	-
Mode 2	Pass	AV	312.676k	26.49	49.90	-23.41	Line	-
Mode 2	Pass	QP	3.775M	34.88	56.00	-21.12	Line	-
Mode 2	Pass	AV	3.775M	27.81	46.00	-18.19	Line	-
Mode 2	Pass	QP	9.195M	28.22	60.00	-31.78	Line	-
Mode 2	Pass	AV	9.195M	23.32	50.00	-26.68	Line	-
Mode 2	Pass	QP	20.677M	34.84	60.00	-25.16	Line	-
Mode 2	Pass	AV	20.677M	29.53	50.00	-20.47	Line	-
Mode 2	Pass	QP	182.408k	52.20	64.37	-12.17	Neutral	-
Mode 2	Pass	AV	182.408k	40.04	54.37	-14.33	Neutral	-
Mode 2	Pass	QP	253.051k	42.00	61.66	-19.66	Neutral	-
Mode 2	Pass	AV	253.051k	29.10	51.66	-22.56	Neutral	-
Mode 2	Pass	QP	308.954k	41.09	60.00	-18.91	Neutral	-
Mode 2	Pass	AV	308.954k	29.72	50.00	-20.28	Neutral	-
Mode 2	Pass	QP	4.307M	32.67	56.00	-23.33	Neutral	-
Mode 2	Pass	AV	4.307M	26.81	46.00	-19.19	Neutral	-
Mode 2	Pass	QP	7.622M	33.86	60.00	-26.14	Neutral	-
Mode 2	Pass	AV	7.622M	28.83	50.00	-21.17	Neutral	-
Mode 2	Pass	QP	20.269M	35.67	60.00	-24.33	Neutral	-
Mode 2	Pass	AV	20.269M	30.27	50.00	-19.73	Neutral	-

Conducted Emissions at Powerline\_Mode 2



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	183.87k	51.07	64.30	-13.23	19.63	Line	-	31.44	9.69	0.03	9.91
AV	183.87k	38.59	54.30	-15.71	19.63	Line	-	18.96	9.69	0.03	9.91
QP	254.063k	44.42	61.62	-17.20	19.63	Line	-	24.79	9.69	0.03	9.91
AV	254.063k	35.49	51.62	-16.13	19.63	Line	-	15.86	9.69	0.03	9.91
QP	312.676k	39.02	59.90	-20.88	19.63	Line	-	19.39	9.68	0.04	9.91
AV	312.676k	26.49	49.90	-23.41	19.63	Line	-	6.86	9.68	0.04	9.91
QP	3.775M	34.88	56.00	-21.12	19.76	Line	-	15.12	9.71	0.13	9.92
AV	3.775M	27.81	46.00	-18.19	19.76	Line	-	8.05	9.71	0.13	9.92
QP	9.195M	28.22	60.00	-31.78	19.91	Line	-	8.31	9.80	0.18	9.93
AV	9.195M	23.32	50.00	-26.68	19.91	Line	-	3.41	9.80	0.18	9.93
QP	20.677M	34.84	60.00	-25.16	20.00	Line	-	14.84	9.79	0.28	9.93
AV	20.677M	29.53	50.00	-20.47	20.00	Line	-	9.53	9.79	0.28	9.93

Conducted Emissions at Powerline\_Mode 2



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	182.408k	52.20	64.37	-12.17	19.66	Neutral	-	32.54	9.72	0.03	9.91
AV	182.408k	40.04	54.37	-14.33	19.66	Neutral	-	20.38	9.72	0.03	9.91
QP	253.051k	42.00	61.66	-19.66	19.66	Neutral	-	22.34	9.72	0.03	9.91
AV	253.051k	29.10	51.66	-22.56	19.66	Neutral	-	9.44	9.72	0.03	9.91
QP	308.954k	41.09	60.00	-18.91	19.67	Neutral	-	21.42	9.72	0.04	9.91
AV	308.954k	29.72	50.00	-20.28	19.67	Neutral	-	10.05	9.72	0.04	9.91
QP	4.307M	32.67	56.00	-23.33	19.82	Neutral	-	12.85	9.77	0.13	9.92
AV	4.307M	26.81	46.00	-19.19	19.82	Neutral	-	6.99	9.77	0.13	9.92
QP	7.622M	33.86	60.00	-26.14	19.95	Neutral	-	13.91	9.85	0.17	9.93
AV	7.622M	28.83	50.00	-21.17	19.95	Neutral	-	8.88	9.85	0.17	9.93
QP	20.269M	35.67	60.00	-24.33	20.20	Neutral	-	15.47	10.00	0.27	9.93
AV	20.269M	30.27	50.00	-19.73	20.20	Neutral	-	10.07	10.00	0.27	9.93



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)_1TX	10.025M	14.018M	14M0G1D	8M	13.993M
802.11g_Nss1,(6Mbps)_1TX	15.125M	16.492M	16M5D1D	15.075M	16.317M
802.11n HT20_Nss1,(MCS0)_1TX	15.075M	17.641M	17M6D1D	13.825M	17.516M

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)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	10.025M	14.018M
2437MHz	Pass	500k	8M	13.993M
2462MHz	Pass	500k	9.025M	13.993M
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	15.125M	16.342M
2437MHz	Pass	500k	15.075M	16.492M
2462MHz	Pass	500k	15.075M	16.317M
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-
2412MHz	Pass	500k	13.825M	17.516M
2437MHz	Pass	500k	15.075M	17.641M
2462MHz	Pass	500k	15.025M	17.516M

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

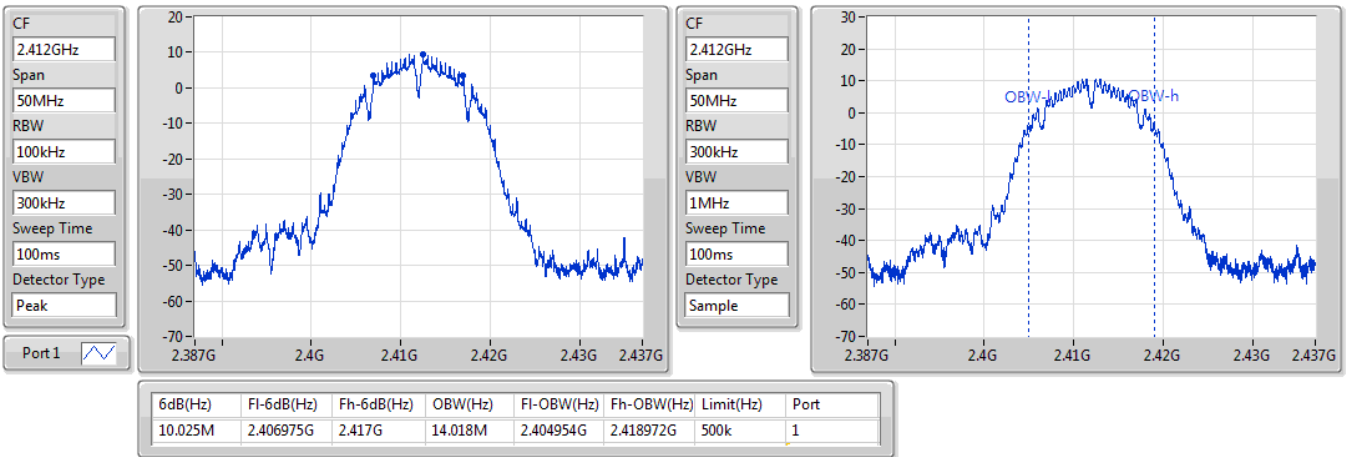


### 802.11b\_Nss1,(1Mbps)\_1TX

EBW

2412MHz

14/06/2022

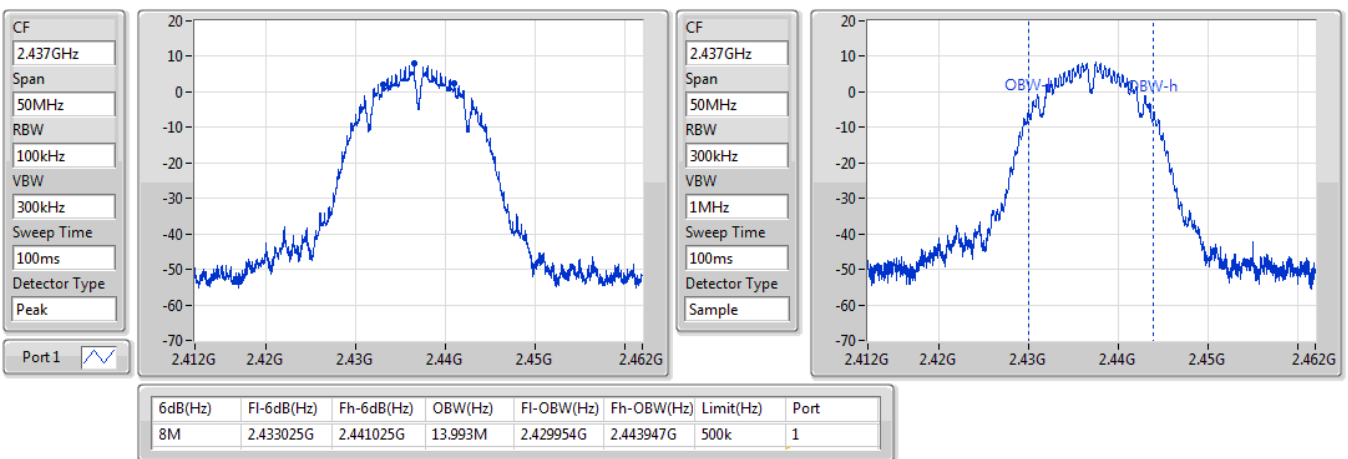


### 802.11b\_Nss1,(1Mbps)\_1TX

EBW

2437MHz

14/06/2022

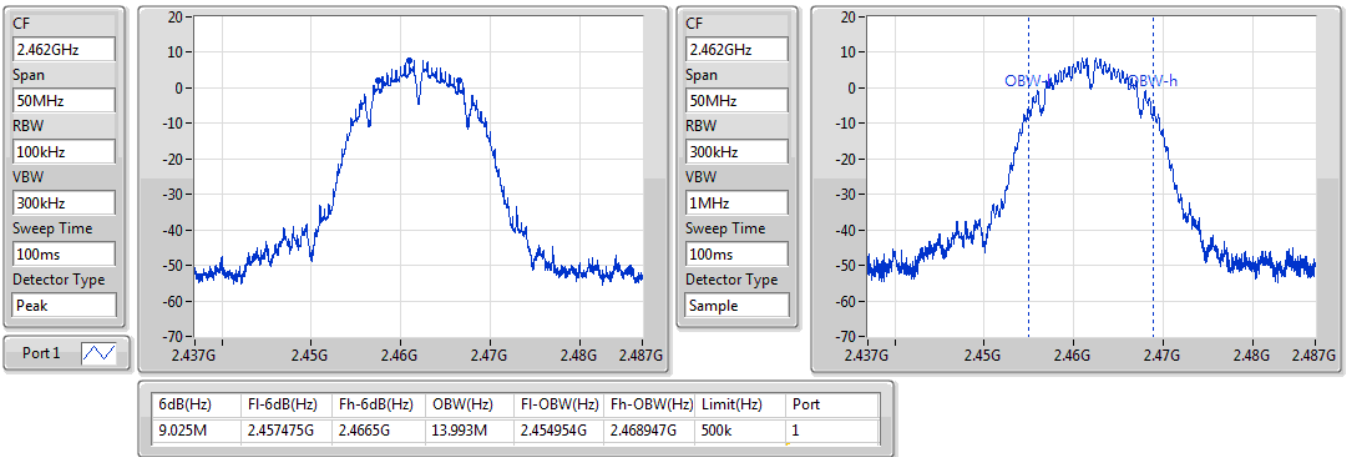


### 802.11b\_Nss1,(1Mbps)\_1TX

EBW

2462MHz

14/06/2022

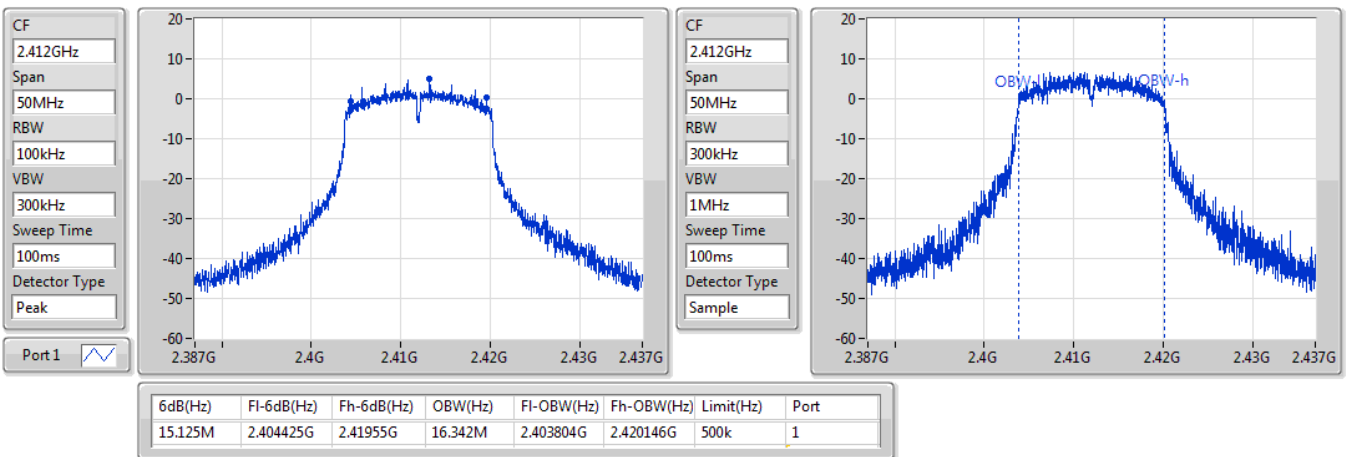


### 802.11g\_Nss1,(6Mbps)\_1TX

EBW

2412MHz

14/06/2022

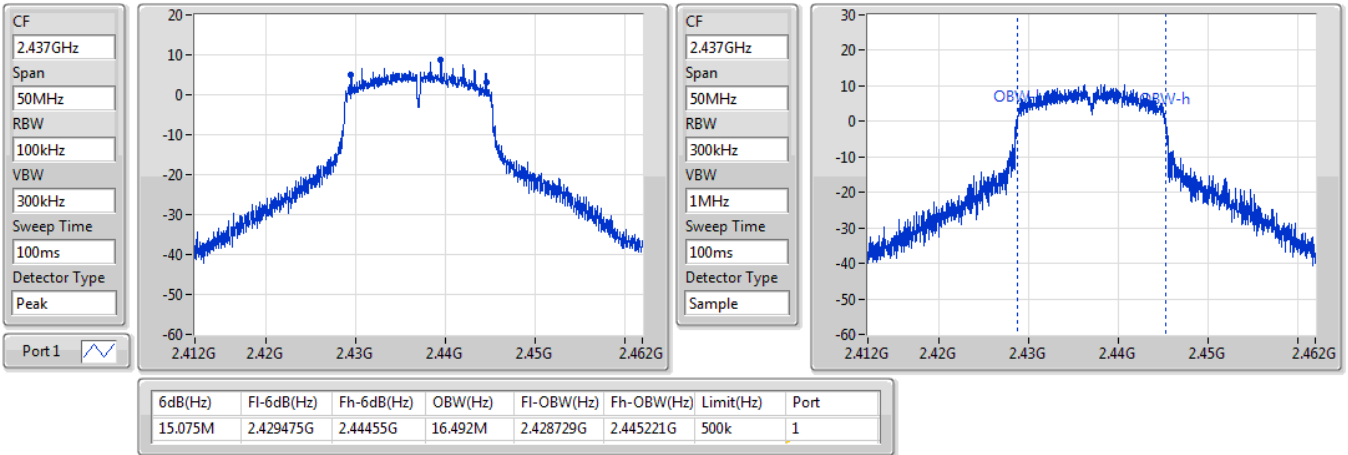


### 802.11g\_Nss1,(6Mbps)\_1TX

EBW

2437MHz

14/06/2022

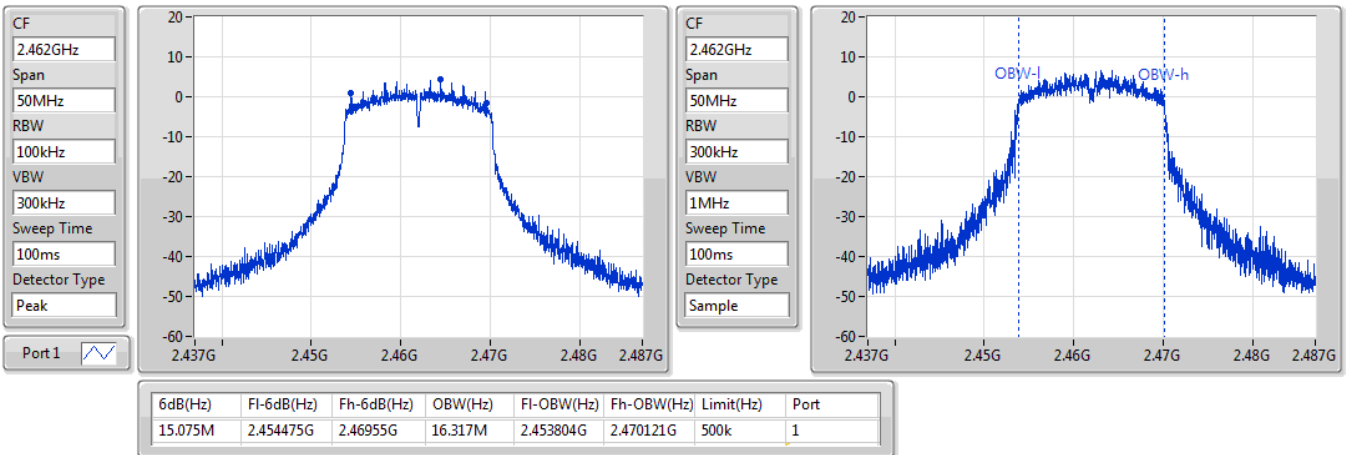


### 802.11g\_Nss1,(6Mbps)\_1TX

EBW

2462MHz

14/06/2022

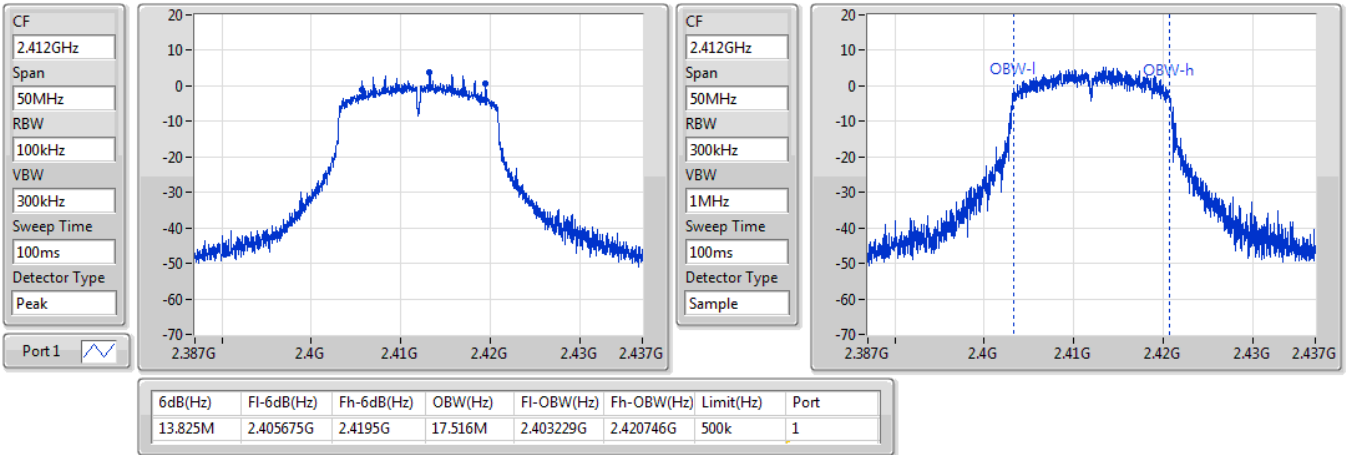


802.11n HT20\_Nss1,(MCS0)\_1TX

EBW

2412MHz

14/06/2022

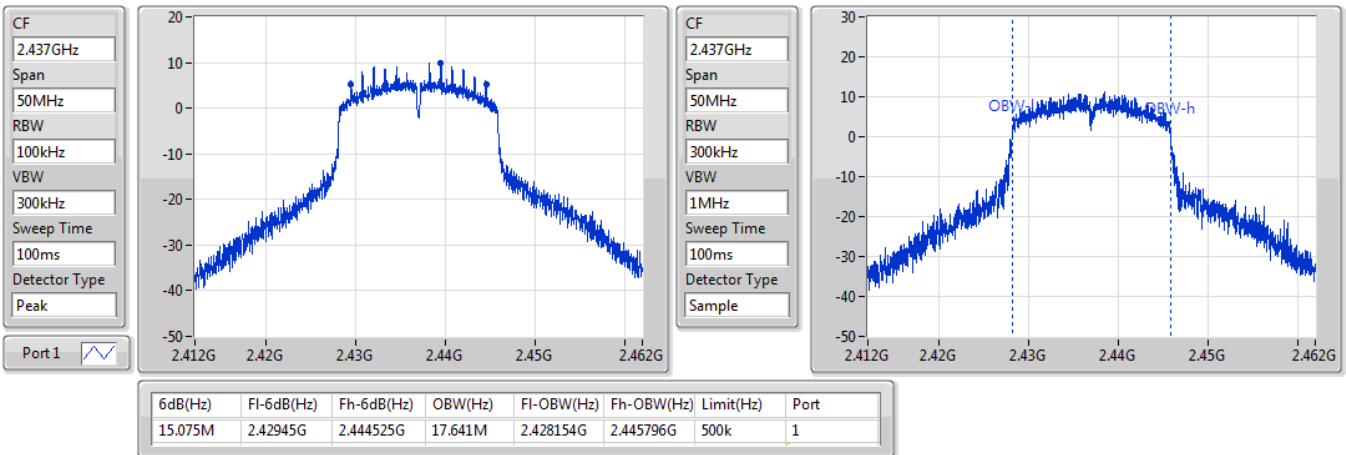


802.11n HT20\_Nss1,(MCS0)\_1TX

EBW

2437MHz

14/06/2022

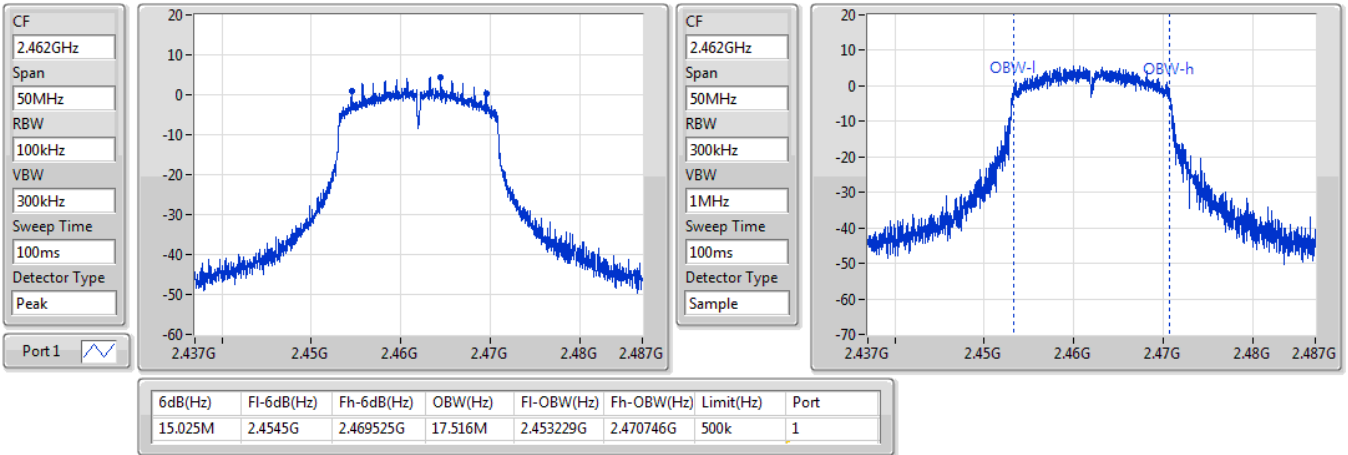


### 802.11n HT20\_Nss1,(MCS0)\_1TX

EBW

2462MHz

14/06/2022





**Summary**

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	19.48	0.08872
802.11g_Nss1,(6Mbps)_1TX	20.18	0.10423
802.11n HT20_Nss1,(MCS0)_1TX	20.88	0.12246



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.12	19.48	19.48	30.00
2417MHz	Pass	3.12	17.64	17.64	30.00
2437MHz	Pass	3.12	17.10	17.10	30.00
2457MHz	Pass	3.12	16.60	16.60	30.00
2462MHz	Pass	3.12	17.00	17.00	30.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.12	16.82	16.82	30.00
2417MHz	Pass	3.12	18.83	18.83	30.00
2437MHz	Pass	3.12	20.18	20.18	30.00
2457MHz	Pass	3.12	17.31	17.31	30.00
2462MHz	Pass	3.12	15.94	15.94	30.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	3.12	15.42	15.42	30.00
2417MHz	Pass	3.12	16.83	16.83	30.00
2437MHz	Pass	3.12	20.88	20.88	30.00
2457MHz	Pass	3.12	17.41	17.41	30.00
2462MHz	Pass	3.12	16.02	16.02	30.00

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



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX	-4.48
802.11g_Nss1,(6Mbps)_1TX	-6.43
802.11n_HT20_Nss1,(MCS0)_1TX	-4.75

RBW = 3kHz;





Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.12	-4.48	-4.48	8.00
2437MHz	Pass	3.12	-7.28	-7.28	8.00
2462MHz	Pass	3.12	-7.30	-7.30	8.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.12	-9.44	-9.44	8.00
2437MHz	Pass	3.12	-6.43	-6.43	8.00
2462MHz	Pass	3.12	-9.41	-9.41	8.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	3.12	-11.37	-11.37	8.00
2437MHz	Pass	3.12	-4.75	-4.75	8.00
2462MHz	Pass	3.12	-9.63	-9.63	8.00

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

### 802.11b\_Nss1,(1Mbps)\_1TX

### PSD

#### 2412MHz

14/06/2022

CF  
2.412GHz

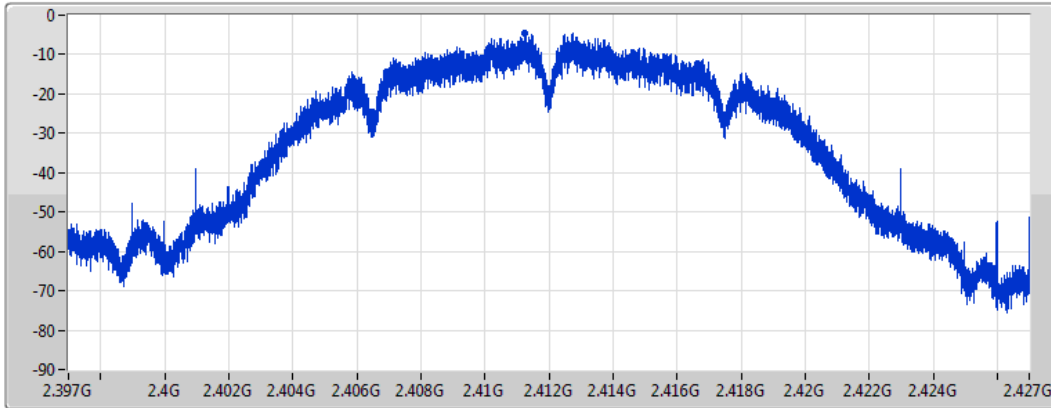
Span  
30MHz


RBW  
3kHz

VBW  
10kHz

Sweep Time  
4.424357ms

Detector Type  
Peak



Port 1 

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.48	-4.48	-4.48

### 802.11b\_Nss1,(1Mbps)\_1TX

### PSD

#### 2437MHz

14/06/2022

CF  
2.437GHz

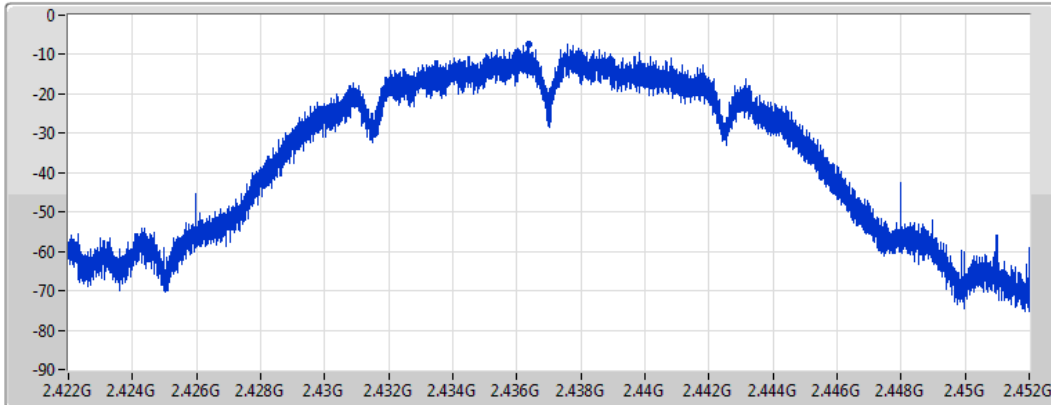
Span  
30MHz


RBW  
3kHz

VBW  
10kHz

Sweep Time  
4.424357ms

Detector Type  
Peak



Port 1 

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.28	-7.28	-7.28

### 802.11b\_Nss1,(1Mbps)\_1TX

PSD

2462MHz

14/06/2022

CF  
2.462GHz

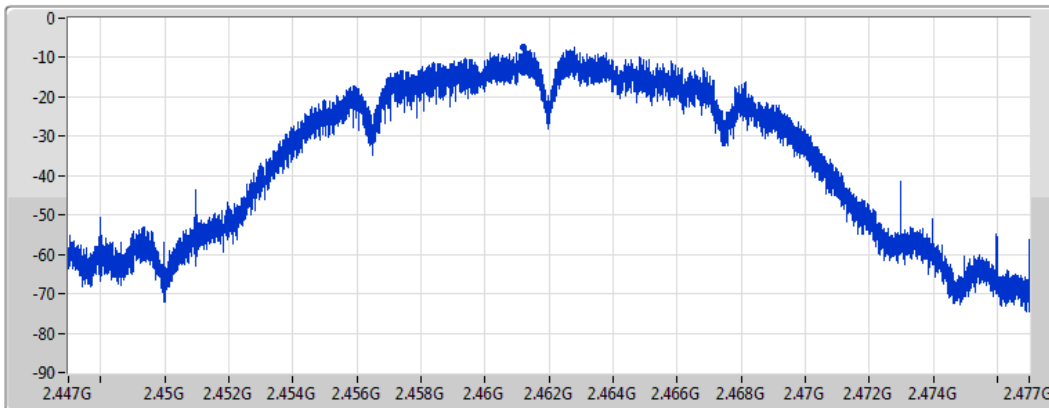
Span  
30MHz


RBW  
3kHz

VBW  
10kHz

Sweep Time  
4.424357ms

Detector Type  
Peak



Port 1 

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.30	-7.30	-7.30

### 802.11g\_Nss1,(6Mbps)\_1TX

PSD

2412MHz

14/06/2022

CF  
2.412GHz

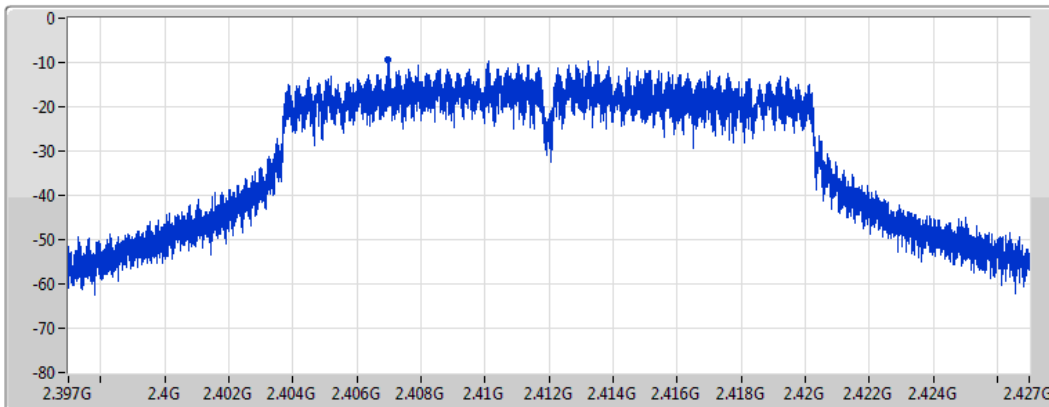
Span  
30MHz


RBW  
3kHz

VBW  
10kHz

Sweep Time  
4.424357ms

Detector Type  
Peak



Port 1 

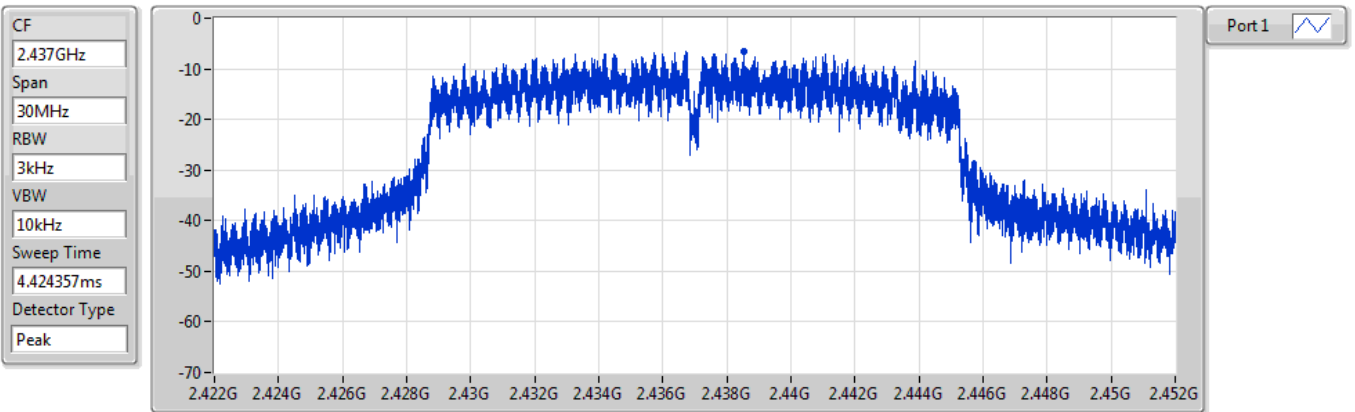
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.44	-9.44	-9.44

### 802.11g\_Nss1,(6Mbps)\_1TX

PSD

2437MHz

14/06/2022



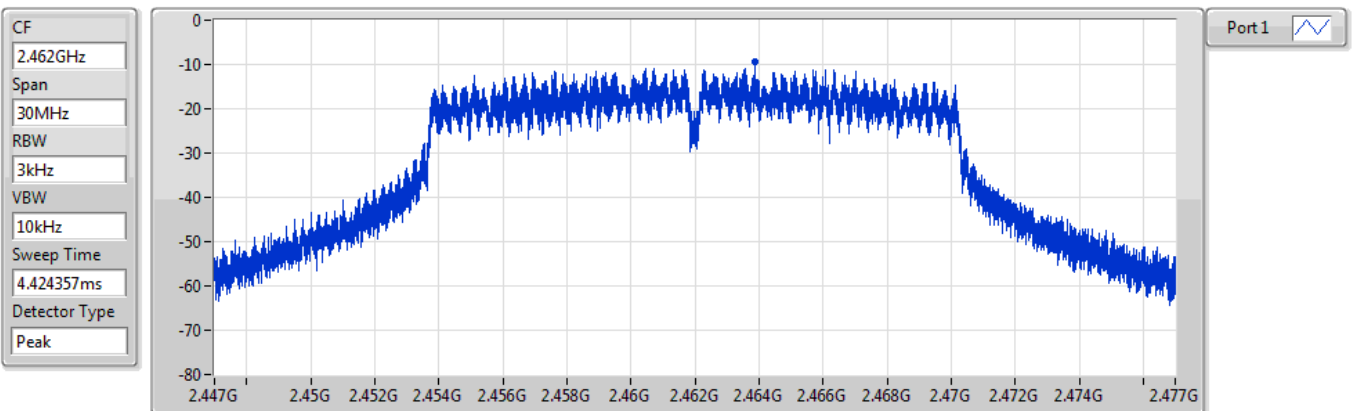
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.43	-6.43	-6.43

### 802.11g\_Nss1,(6Mbps)\_1TX

PSD

2462MHz

14/06/2022



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.41	-9.41	-9.41

### 802.11n HT20\_Nss1,(MCS0)\_1TX

PSD

2412MHz

14/06/2022

CF  
2.412GHz

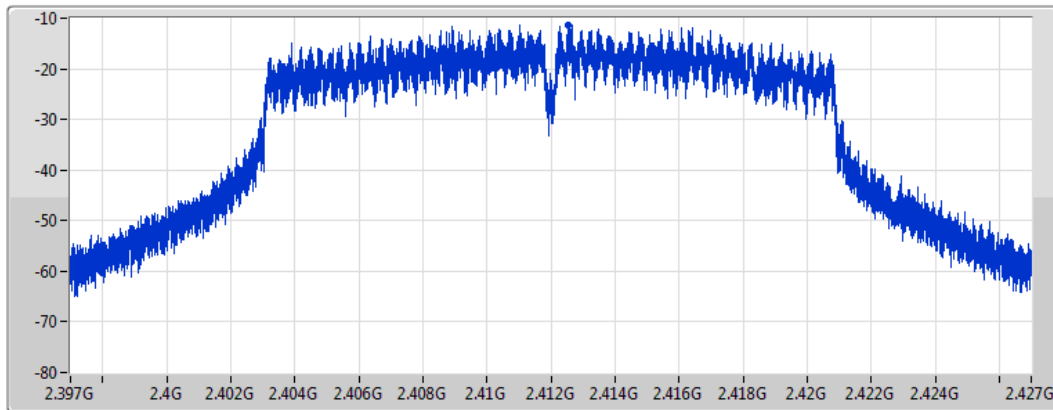
Span  
30MHz


RBW  
3kHz

VBW  
10kHz

Sweep Time  
4.424357ms

Detector Type  
Peak



Port 1 

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.37	-11.37	-11.37

### 802.11n HT20\_Nss1,(MCS0)\_1TX

PSD

2437MHz

14/06/2022

CF  
2.437GHz

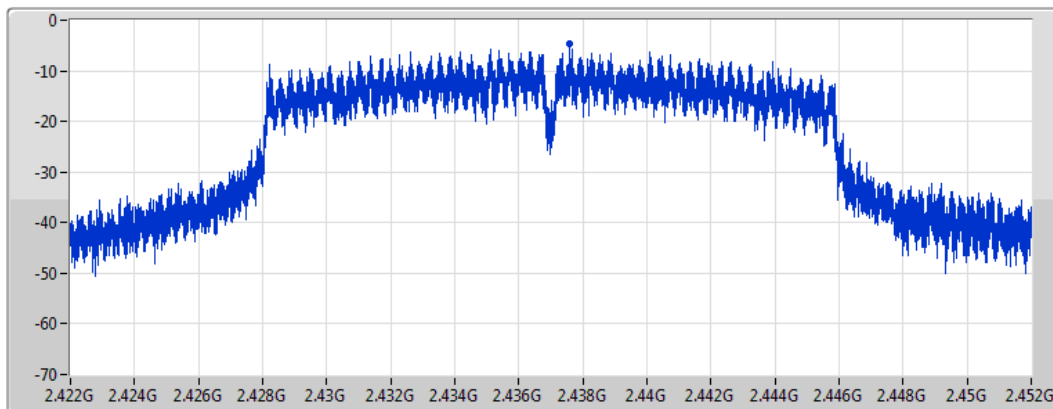
Span  
30MHz


RBW  
3kHz

VBW  
10kHz

Sweep Time  
4.424357ms

Detector Type  
Peak



Port 1 

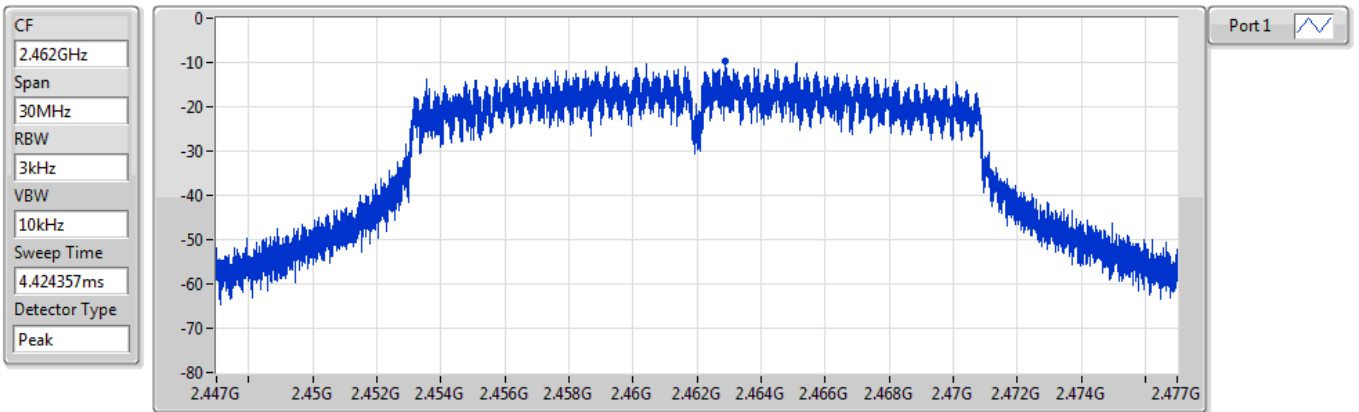
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.75	-4.75	-4.75

### 802.11n HT20\_Nss1,(MCS0)\_1TX

### PSD

2462MHz

14/06/2022



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.63	-9.63	-9.63



Summary

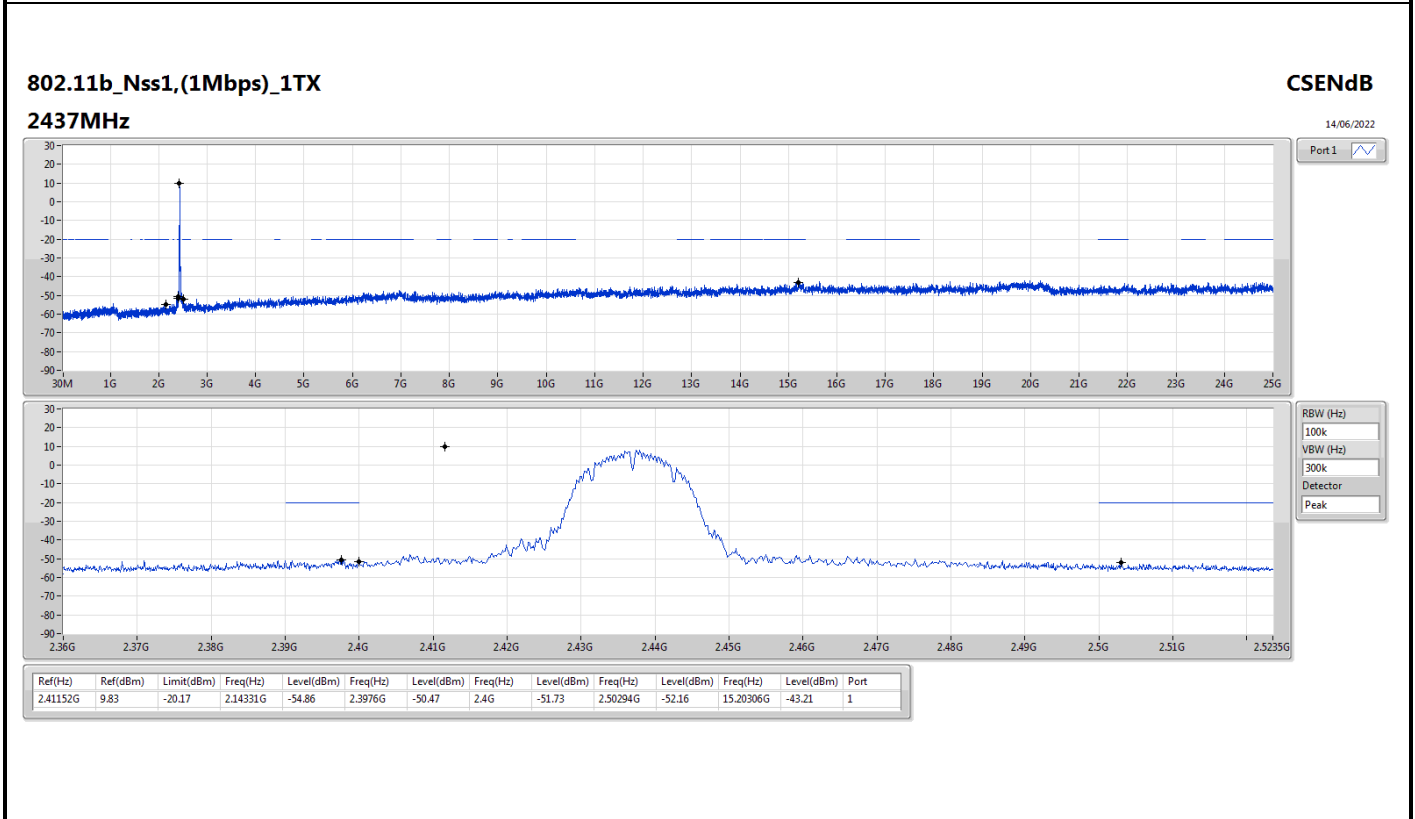
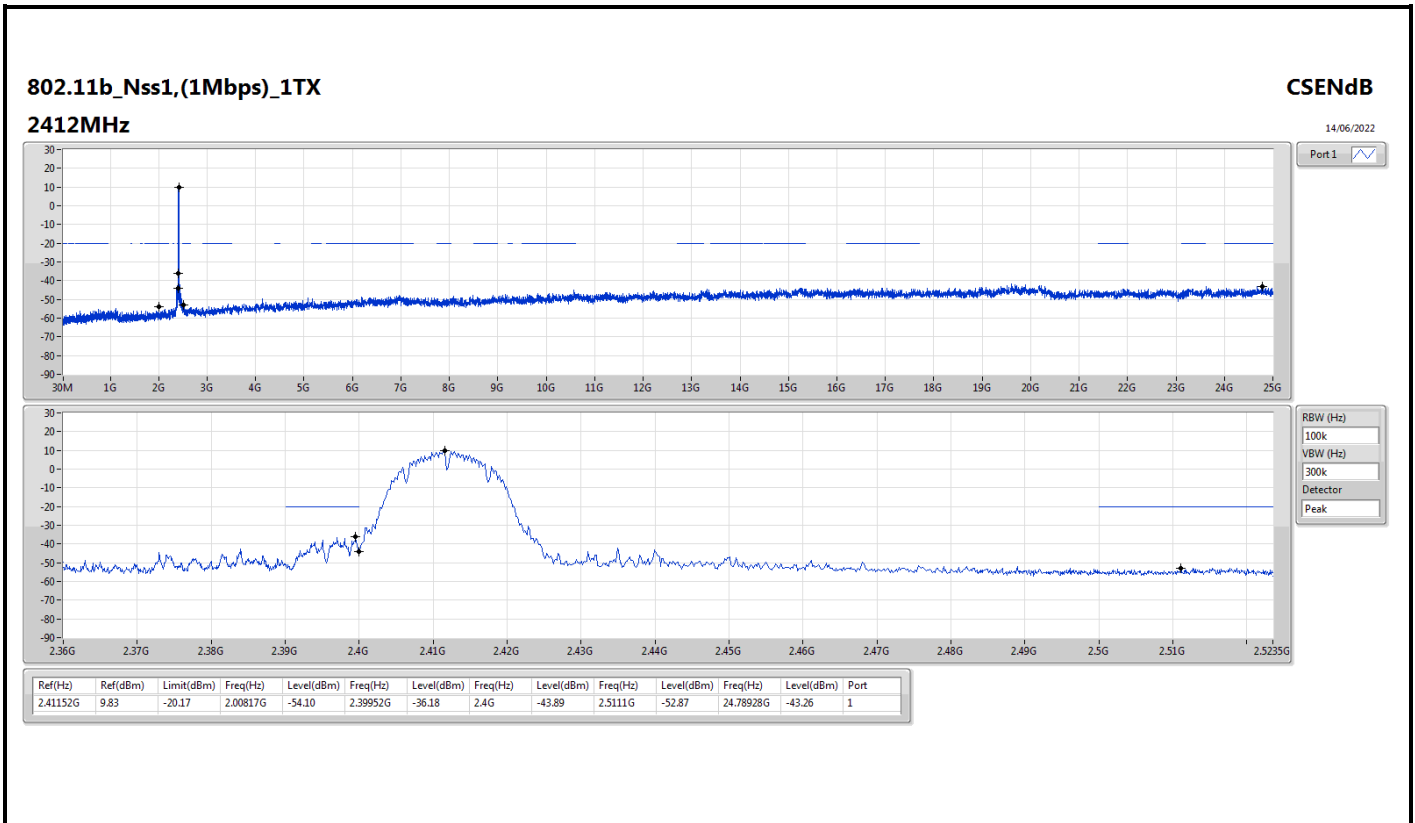
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	2.41152G	9.83	-20.17	2.00817G	-54.10	2.39952G	-36.18	2.4G	-43.89	2.5111G	-52.87	24.78928G	-43.26	1
802.11g_Nss1,(6Mbps)_1TX	Pass	2.43824G	8.94	-21.06	2.30641G	-53.36	2.39968G	-29.06	2.4G	-29.62	2.52278G	-52.68	24.25266G	-43.12	1
802.11n HT20_Nss1,(MCS0)_1TX	Pass	2.43574G	9.96	-20.04	2.1037G	-55.04	2.39984G	-30.95	2.4G	-30.98	2.51422G	-52.06	24.48585G	-42.47	1

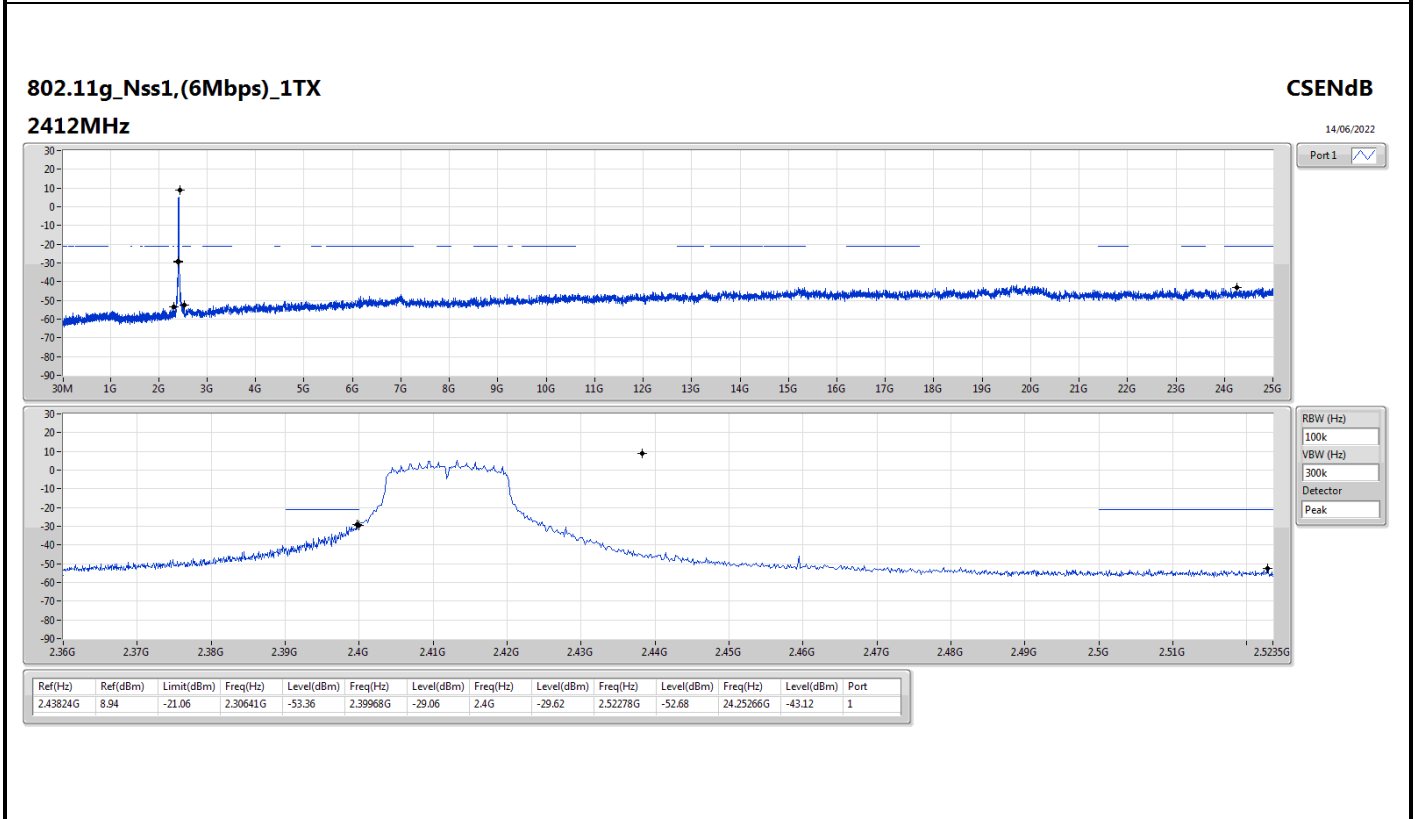
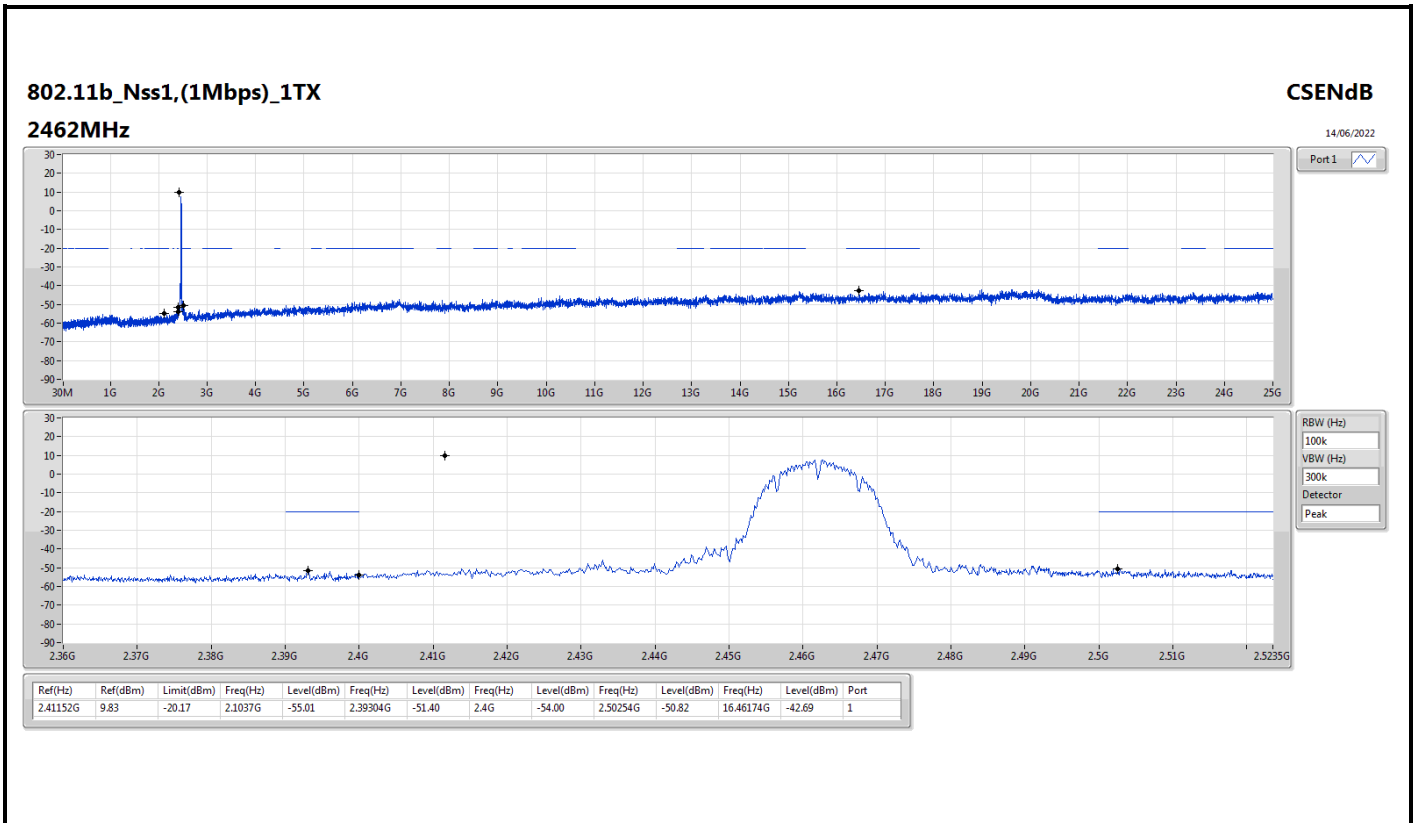


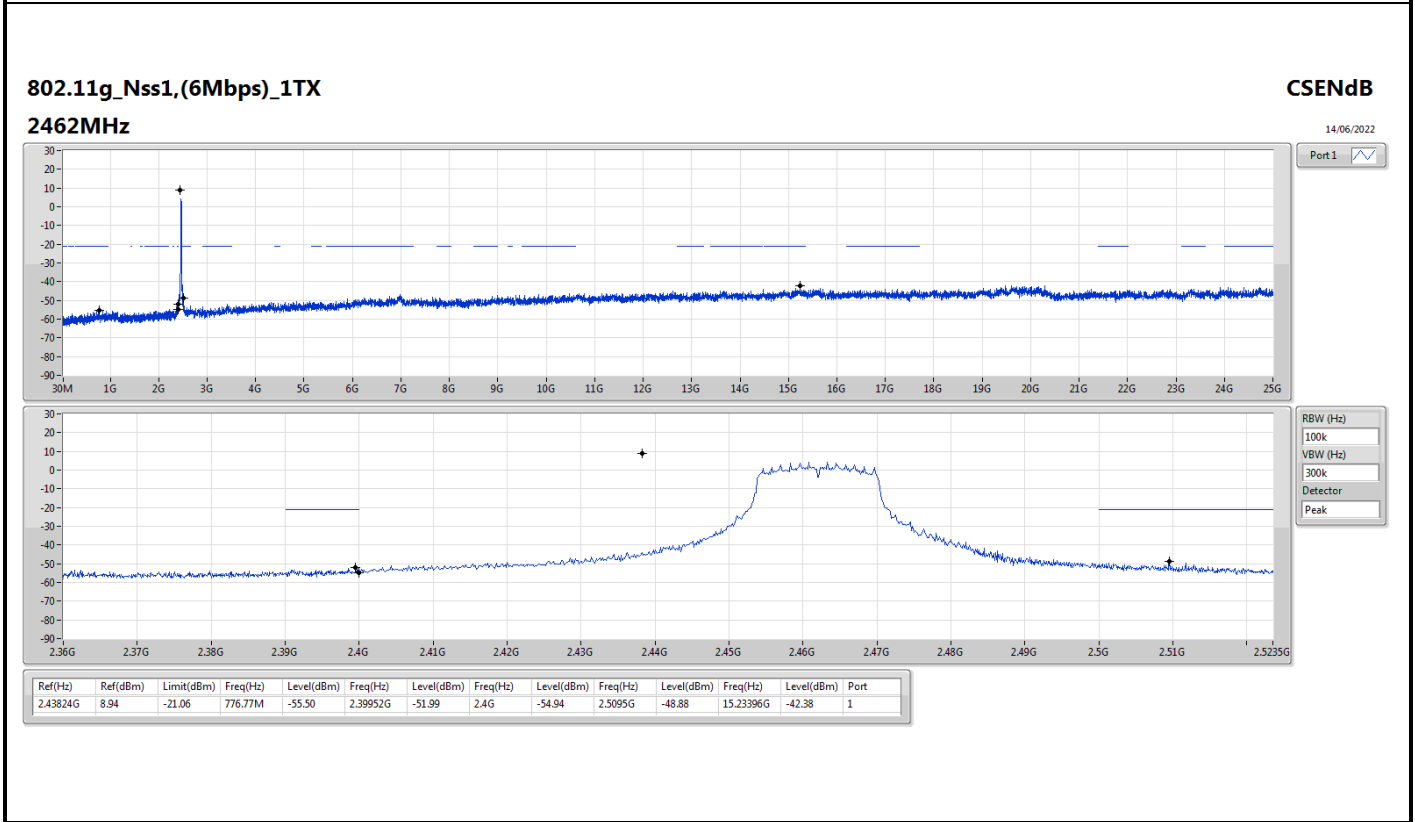
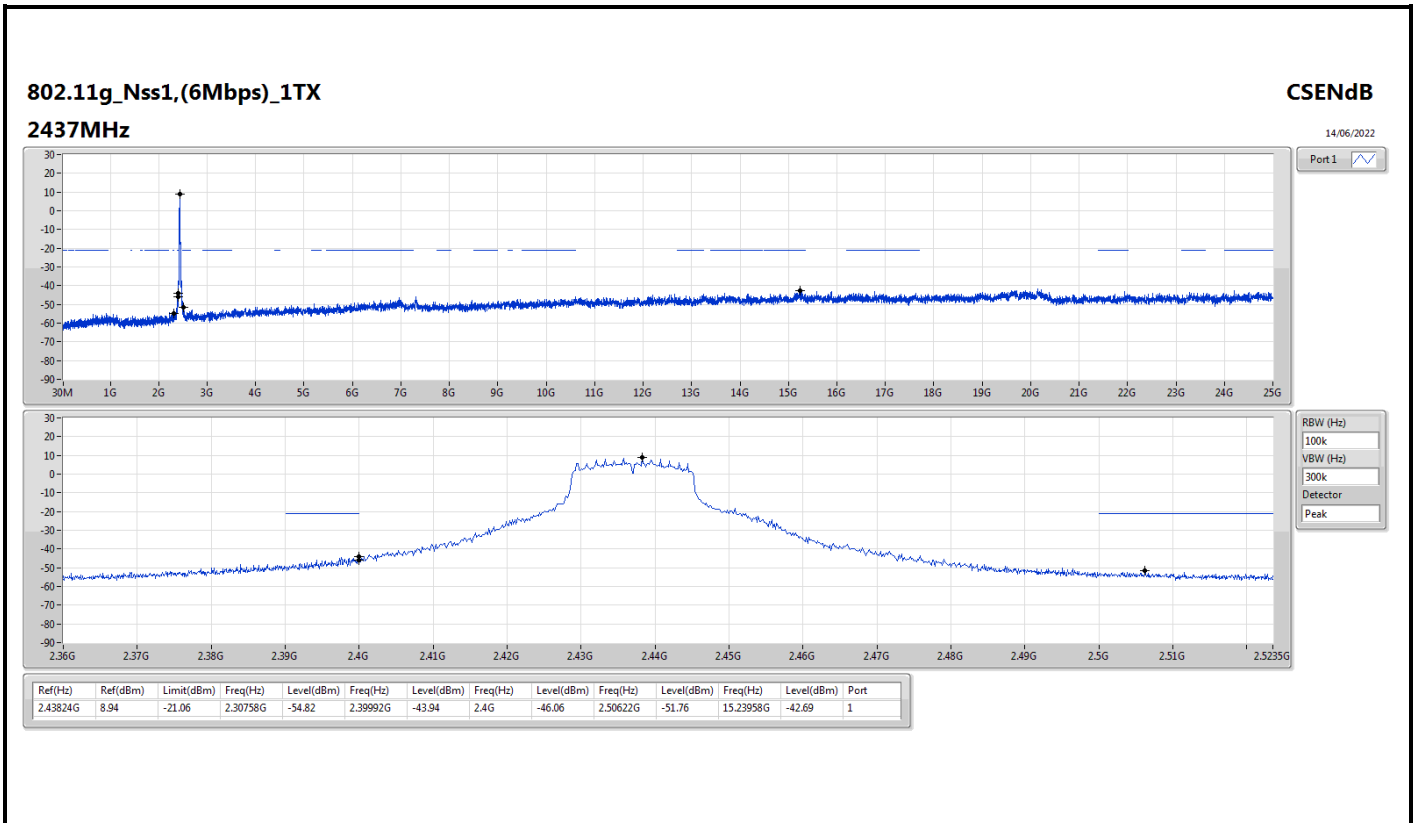
Result

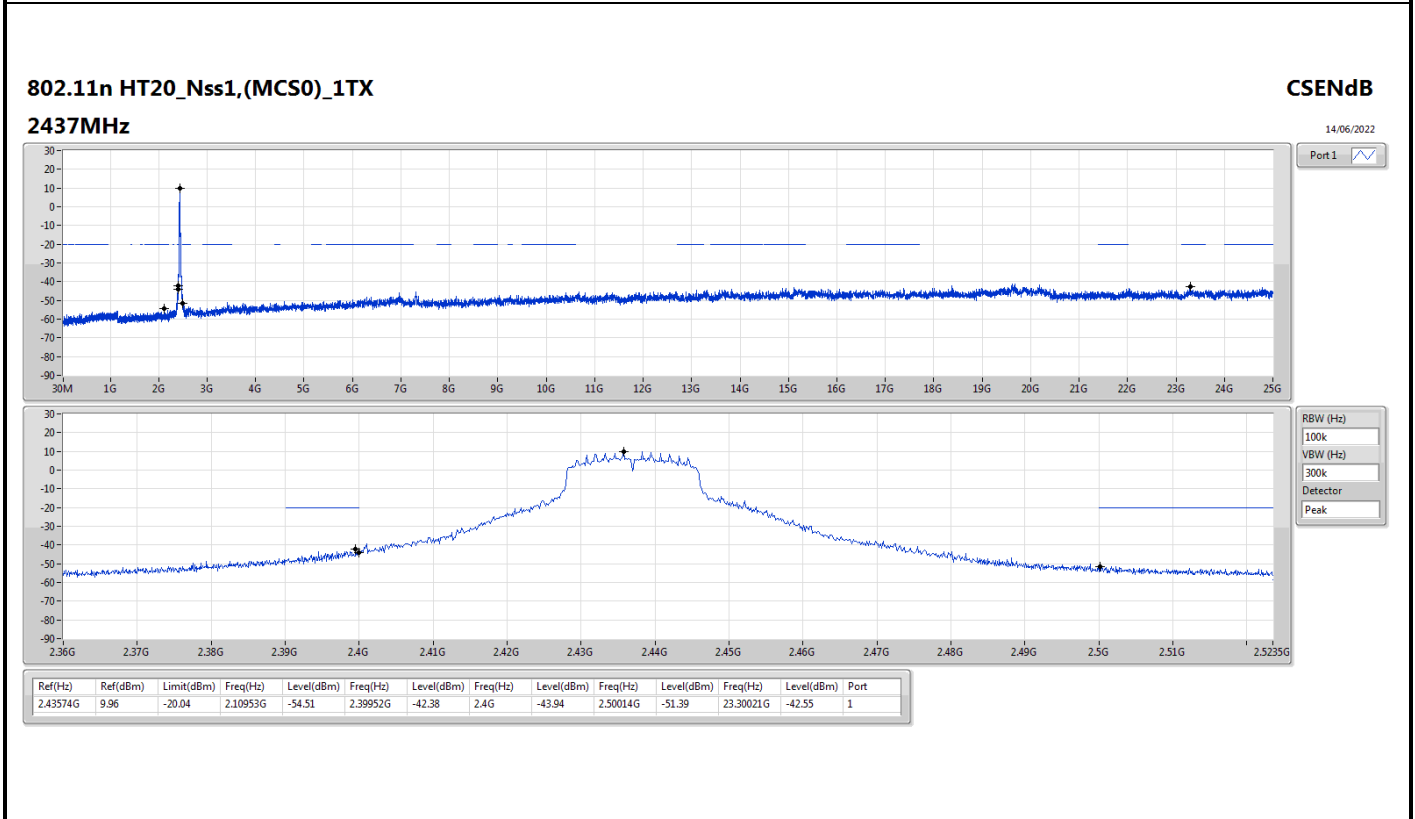
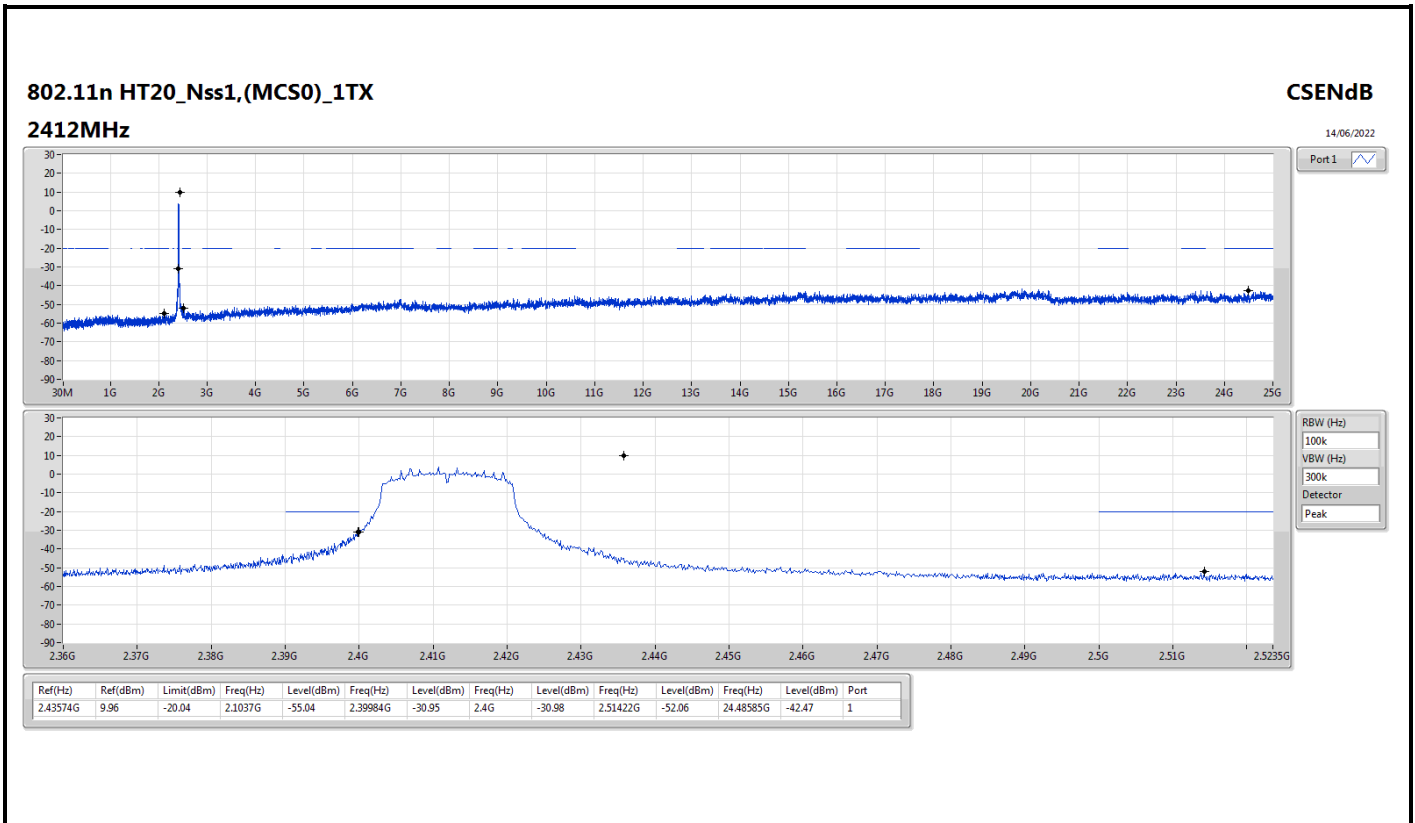
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1.(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.41152G	9.83	-20.17	2.00817G	-54.10	2.39952G	-36.18	2.4G	-43.89	2.5111G	-52.87	24.78928G	-43.26	1
2437MHz	Pass	2.41152G	9.83	-20.17	2.14331G	-54.86	2.3976G	-50.47	2.4G	-51.73	2.50294G	-52.16	15.20306G	-43.21	1
2462MHz	Pass	2.41152G	9.83	-20.17	2.1037G	-55.01	2.39304G	-51.40	2.4G	-54.00	2.50254G	-50.82	16.46174G	-42.69	1
802.11g_Nss1.(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43824G	8.94	-21.06	2.30641G	-53.36	2.39968G	-29.06	2.4G	-29.62	2.52278G	-52.68	24.25266G	-43.12	1
2437MHz	Pass	2.43824G	8.94	-21.06	2.30758G	-54.82	2.39992G	-43.94	2.4G	-46.06	2.50622G	-51.76	15.23958G	-42.69	1
2462MHz	Pass	2.43824G	8.94	-21.06	776.77M	-55.50	2.39952G	-51.99	2.4G	-54.94	2.5095G	-48.88	15.23396G	-42.38	1
802.11n HT20_Nss1.(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43574G	9.96	-20.04	2.1037G	-55.04	2.39984G	-30.95	2.4G	-30.98	2.51422G	-52.06	24.48585G	-42.47	1
2437MHz	Pass	2.43574G	9.96	-20.04	2.10953G	-54.51	2.39952G	-42.38	2.4G	-43.94	2.50014G	-51.39	23.30021G	-42.55	1
2462MHz	Pass	2.43574G	9.96	-20.04	2.12584G	-54.59	2.3996G	-52.90	2.4G	-54.65	2.50134G	-48.01	23.30021G	-43.48	1









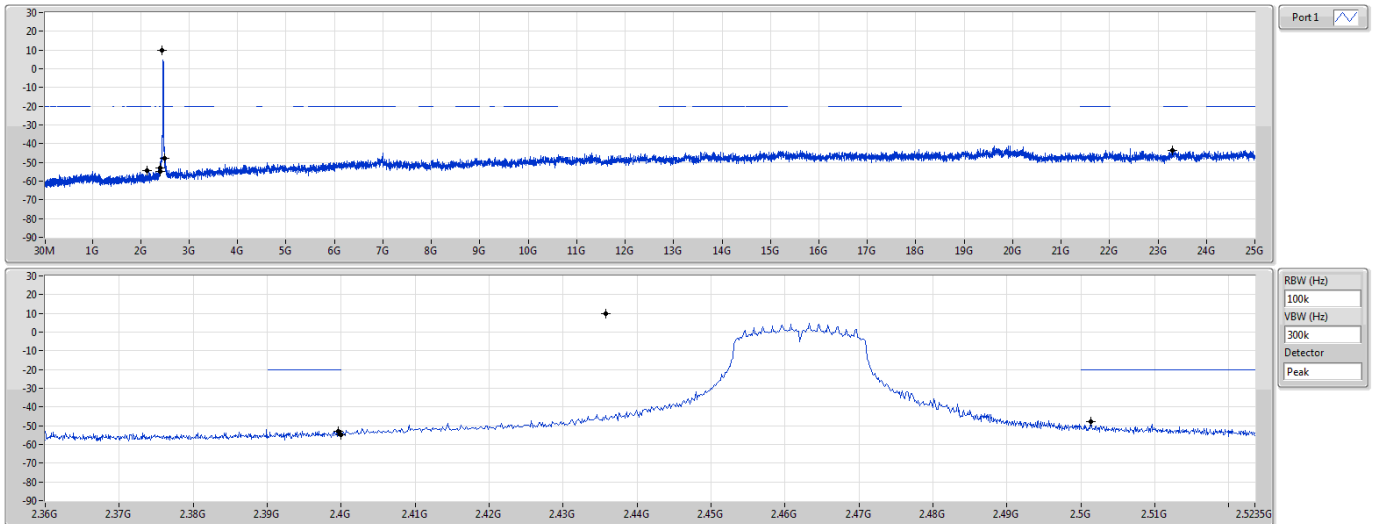


802.11n HT20\_Nss1,(MCS0)\_1TX

CSEndB

2462MHz

14/06/2022



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43574G	9.96	-20.04	2.12584G	-54.59	2.3996G	-52.90	2.4G	-54.65	2.50134G	-48.01	23.30021G	-43.48	1



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	-	-	-	-	-	-	-	-	-	-	-
802.11n HT20_Nss1,(MCS0)_1TX	Pass	PK	47.46M	31.22	40.00	-8.78	3	Horizontal	0	1.00	-

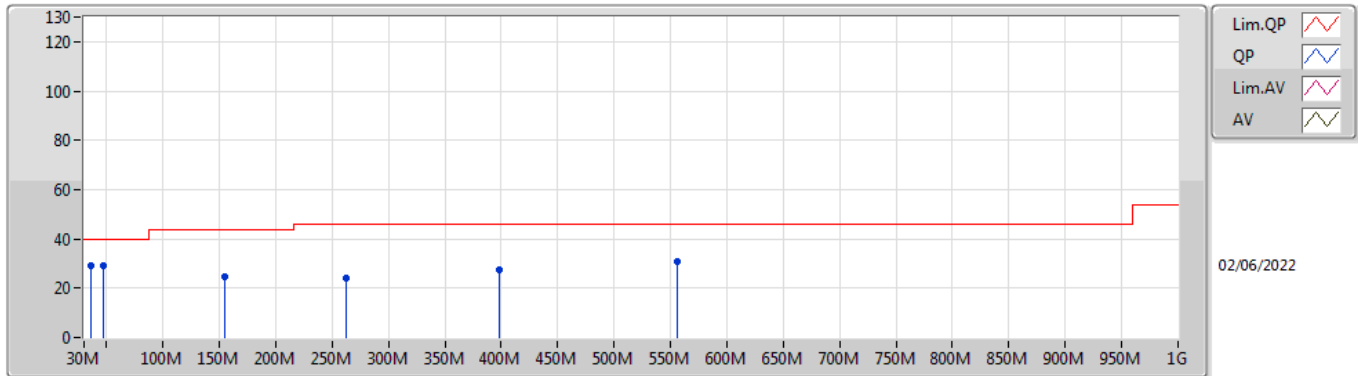


Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11n HT20_Nss1 (MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	35.82M	29.17	40.00	-10.83	3	Vertical	360	1.00	-
2437MHz	Pass	PK	47.46M	29.07	40.00	-10.93	3	Vertical	360	1.00	-
2437MHz	Pass	PK	154.16M	24.52	43.50	-18.98	3	Vertical	360	1.00	-
2437MHz	Pass	PK	262.8M	24.19	46.00	-21.81	3	Vertical	360	1.00	-
2437MHz	Pass	PK	398.6M	27.68	46.00	-18.32	3	Vertical	360	1.00	-
2437MHz	Pass	PK	555.74M	30.67	46.00	-15.33	3	Vertical	360	1.00	-
2437MHz	Pass	PK	35.82M	29.76	40.00	-10.24	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	47.46M	31.22	40.00	-8.78	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	121.18M	25.54	43.50	-17.96	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	204.6M	22.29	43.50	-21.21	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	394.72M	28.12	46.00	-17.88	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	563.5M	31.14	46.00	-14.86	3	Horizontal	0	1.00	-

### 802.11n HT20\_Nss1,(MCS0)\_1TX

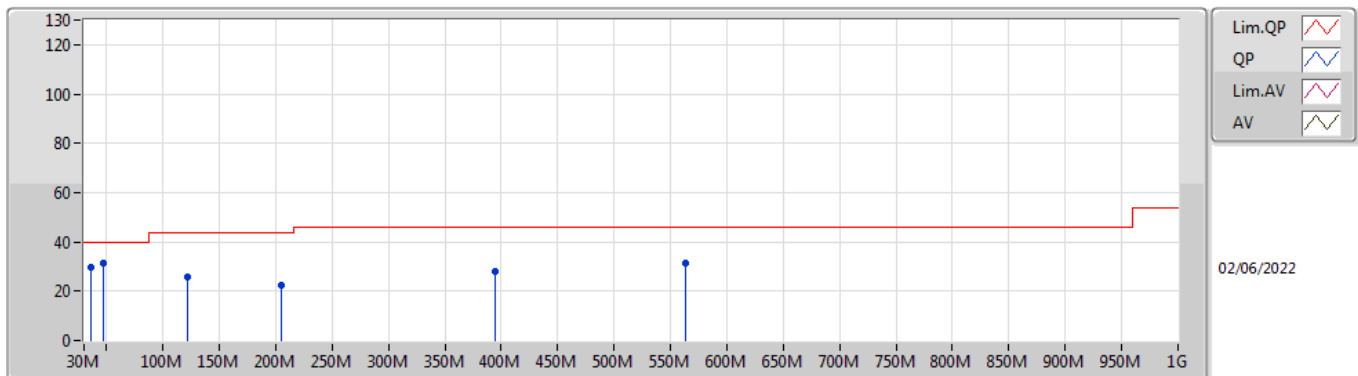
#### 2437MHz\_USB



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	35.82M	29.17	40.00	-10.83	-5.99	3	Vertical	360	1.00	-	35.16	20.17	1.02	27.18
PK	47.46M	29.07	40.00	-10.93	-12.46	3	Vertical	360	1.00	-	41.53	14.15	1.03	27.64
PK	154.16M	24.52	43.50	-18.98	-10.32	3	Vertical	360	1.00	-	34.84	15.47	1.75	27.54
PK	262.8M	24.19	46.00	-21.81	-6.04	3	Vertical	360	1.00	-	30.23	18.67	2.32	27.03
PK	398.6M	27.68	46.00	-18.32	-3.97	3	Vertical	360	1.00	-	31.65	20.92	2.88	27.77
PK	555.74M	30.67	46.00	-15.33	-0.88	3	Vertical	360	1.00	-	31.55	24.02	3.43	28.33

### 802.11n HT20\_Nss1,(MCS0)\_1TX

#### 2437MHz\_USB



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	35.82M	29.76	40.00	-10.24	-5.99	3	Horizontal	0	1.00	-	35.75	20.17	1.02	27.18
PK	47.46M	31.22	40.00	-8.78	-12.46	3	Horizontal	0	1.00	-	43.68	14.15	1.03	27.64
PK	121.18M	25.54	43.50	-17.96	-8.77	3	Horizontal	0	1.00	-	34.31	17.47	1.55	27.79
PK	204.6M	22.29	43.50	-21.21	-10.69	3	Horizontal	0	1.00	-	32.98	14.55	2.05	27.29
PK	394.72M	28.12	46.00	-17.88	-4.21	3	Horizontal	0	1.00	-	32.33	20.66	2.86	27.73
PK	563.5M	31.14	46.00	-14.86	-0.92	3	Horizontal	0	1.00	-	32.06	23.97	3.46	28.35





Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	AV	7.38522G	52.91	54.00	-1.09	3	Horizontal	192	1.71	-
802.11g_Nss1,(6Mbps)_1TX	Pass	AV	7.31084G	52.87	54.00	-1.13	3	Horizontal	179	1.45	-
802.11n HT20_Nss1,(MCS0)_1TX	Pass	AV	2.4835G	52.89	54.00	-1.11	3	Vertical	196	1.88	-



Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3838G	52.55	54.00	-1.45	3	Vertical	64	2.44	-
2412MHz	Pass	AV	2.4112G	110.80	Inf	-Inf	3	Vertical	64	2.44	-
2412MHz	Pass	PK	2.3744G	62.47	74.00	-11.53	3	Vertical	64	2.44	-
2412MHz	Pass	PK	2.411G	114.49	Inf	-Inf	3	Vertical	64	2.44	-
2412MHz	Pass	AV	2.3838G	50.19	54.00	-3.81	3	Horizontal	153	1.08	-
2412MHz	Pass	AV	2.4112G	105.31	Inf	-Inf	3	Horizontal	153	1.08	-
2412MHz	Pass	PK	2.3838G	61.54	74.00	-12.46	3	Horizontal	153	1.08	-
2412MHz	Pass	PK	2.413G	109.13	Inf	-Inf	3	Horizontal	153	1.08	-
2412MHz	Pass	AV	4.82396G	43.30	54.00	-10.70	3	Vertical	360	1.82	-
2412MHz	Pass	PK	4.82386G	49.35	74.00	-24.65	3	Vertical	360	1.82	-
2412MHz	Pass	AV	4.82394G	45.24	54.00	-8.76	3	Horizontal	160	1.42	-
2412MHz	Pass	PK	4.82392G	50.43	74.00	-23.57	3	Horizontal	160	1.42	-
2417MHz	Pass	AV	2.3832G	49.55	54.00	-4.45	3	Vertical	66	2.60	-
2417MHz	Pass	AV	2.4162G	105.05	Inf	-Inf	3	Vertical	66	2.60	-
2417MHz	Pass	PK	2.3832G	61.14	74.00	-12.86	3	Vertical	66	2.60	-
2417MHz	Pass	PK	2.418G	108.82	Inf	-Inf	3	Vertical	66	2.60	-
2417MHz	Pass	AV	2.3832G	48.89	54.00	-5.11	3	Horizontal	152	1.09	-
2417MHz	Pass	AV	2.4162G	101.94	Inf	-Inf	3	Horizontal	152	1.09	-
2417MHz	Pass	PK	2.3828G	60.30	74.00	-13.70	3	Horizontal	152	1.09	-
2417MHz	Pass	PK	2.416G	105.61	Inf	-Inf	3	Horizontal	152	1.09	-
2417MHz	Pass	AV	4.83393G	42.48	54.00	-11.52	3	Vertical	1	2.03	-
2417MHz	Pass	AV	7.25022G	50.77	54.00	-3.23	3	Vertical	83	2.32	-
2417MHz	Pass	PK	4.83385G	48.99	74.00	-25.01	3	Vertical	1	2.03	-
2417MHz	Pass	PK	7.25136G	57.34	74.00	-16.66	3	Vertical	83	2.32	-
2417MHz	Pass	AV	4.83397G	44.26	54.00	-9.74	3	Horizontal	160	1.22	-
2417MHz	Pass	AV	7.25022G	52.66	54.00	-1.34	3	Horizontal	195	1.50	-
2417MHz	Pass	PK	4.83394G	49.77	74.00	-24.23	3	Horizontal	160	1.22	-
2417MHz	Pass	PK	7.25G	58.97	74.00	-15.03	3	Horizontal	195	1.50	-
2437MHz	Pass	AV	2.3898G	48.73	54.00	-5.27	3	Vertical	89	2.16	-
2437MHz	Pass	AV	2.4362G	106.46	Inf	-Inf	3	Vertical	89	2.16	-
2437MHz	Pass	AV	2.4842G	48.86	54.00	-5.14	3	Vertical	89	2.16	-
2437MHz	Pass	PK	2.3646G	60.58	74.00	-13.42	3	Vertical	89	2.16	-
2437MHz	Pass	PK	2.4378G	110.24	Inf	-Inf	3	Vertical	89	2.16	-
2437MHz	Pass	PK	2.489G	60.23	74.00	-13.77	3	Vertical	89	2.16	-
2437MHz	Pass	AV	2.3898G	47.75	54.00	-6.25	3	Horizontal	76	2.13	-
2437MHz	Pass	AV	2.4362G	101.96	Inf	-Inf	3	Horizontal	76	2.13	-
2437MHz	Pass	AV	2.4986G	48.19	54.00	-5.81	3	Horizontal	76	2.13	-
2437MHz	Pass	PK	2.3598G	59.69	74.00	-14.31	3	Horizontal	76	2.13	-
2437MHz	Pass	PK	2.4362G	105.72	Inf	-Inf	3	Horizontal	76	2.13	-
2437MHz	Pass	PK	2.4854G	59.77	74.00	-14.23	3	Horizontal	76	2.13	-
2437MHz	Pass	AV	4.87396G	43.37	54.00	-10.63	3	Vertical	6	1.82	-
2437MHz	Pass	AV	7.3117G	51.19	54.00	-2.81	3	Vertical	92	2.38	-
2437MHz	Pass	PK	4.87396G	49.88	74.00	-24.12	3	Vertical	6	1.82	-
2437MHz	Pass	PK	7.30996G	57.45	74.00	-16.55	3	Vertical	92	2.38	-
2437MHz	Pass	AV	4.87396G	45.84	54.00	-8.16	3	Horizontal	161	1.92	-
2437MHz	Pass	AV	7.31022G	52.80	54.00	-1.20	3	Horizontal	180	1.77	-
2437MHz	Pass	PK	4.87387G	51.03	74.00	-22.97	3	Horizontal	161	1.92	-
2437MHz	Pass	PK	7.31002G	58.92	74.00	-15.08	3	Horizontal	180	1.77	-
2457MHz	Pass	AV	2.4576G	103.69	Inf	-Inf	3	Vertical	64	1.50	-
2457MHz	Pass	AV	2.485G	49.15	54.00	-4.85	3	Vertical	64	1.50	-
2457MHz	Pass	PK	2.458G	107.73	Inf	-Inf	3	Vertical	64	1.50	-
2457MHz	Pass	PK	2.4882G	60.63	74.00	-13.37	3	Vertical	64	1.50	-
2457MHz	Pass	AV	2.4562G	101.67	Inf	-Inf	3	Horizontal	64	2.55	-
2457MHz	Pass	AV	2.4908G	48.82	54.00	-5.18	3	Horizontal	64	2.55	-
2457MHz	Pass	PK	2.458G	105.49	Inf	-Inf	3	Horizontal	64	2.55	-
2457MHz	Pass	PK	2.4846G	61.07	74.00	-12.93	3	Horizontal	64	2.55	-
2457MHz	Pass	AV	4.91397G	44.26	54.00	-9.74	3	Vertical	2	1.77	-
2457MHz	Pass	AV	7.37024G	50.30	54.00	-3.70	3	Vertical	92	2.36	-
2457MHz	Pass	PK	4.91396G	50.19	74.00	-23.81	3	Vertical	2	1.77	-
2457MHz	Pass	PK	7.37006G	57.14	74.00	-16.86	3	Vertical	92	2.36	-



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2457MHz	Pass	AV	4.91396G	46.49	54.00	-7.51	3	Horizontal	161	1.34	-
2457MHz	Pass	AV	7.37022G	52.82	54.00	-1.18	3	Horizontal	193	1.75	-
2457MHz	Pass	PK	4.91398G	51.62	74.00	-22.38	3	Horizontal	161	1.34	-
2457MHz	Pass	PK	7.372G	58.92	74.00	-15.08	3	Horizontal	193	1.75	-
2462MHz	Pass	AV	2.4612G	107.14	Inf	-Inf	3	Vertical	64	2.08	-
2462MHz	Pass	AV	2.4902G	50.11	54.00	-3.89	3	Vertical	64	2.08	-
2462MHz	Pass	PK	2.463G	111.00	Inf	-Inf	3	Vertical	64	2.08	-
2462MHz	Pass	PK	2.49G	61.72	74.00	-12.28	3	Vertical	64	2.08	-
2462MHz	Pass	AV	2.4612G	102.45	Inf	-Inf	3	Horizontal	64	2.55	-
2462MHz	Pass	AV	2.4904G	49.35	54.00	-4.65	3	Horizontal	64	2.55	-
2462MHz	Pass	PK	2.463G	106.24	Inf	-Inf	3	Horizontal	64	2.55	-
2462MHz	Pass	PK	2.49G	61.14	74.00	-12.86	3	Horizontal	64	2.55	-
2462MHz	Pass	AV	4.92397G	47.00	54.00	-7.00	3	Vertical	173	2.44	-
2462MHz	Pass	AV	7.38522G	50.86	54.00	-3.14	3	Vertical	83	2.34	-
2462MHz	Pass	PK	4.92395G	51.79	74.00	-22.21	3	Vertical	173	2.44	-
2462MHz	Pass	PK	7.38496G	57.58	74.00	-16.42	3	Vertical	83	2.34	-
2462MHz	Pass	AV	4.92396G	47.35	54.00	-6.65	3	Horizontal	170	1.15	-
2462MHz	Pass	AV	7.38522G	52.91	54.00	-1.09	3	Horizontal	192	1.71	-
2462MHz	Pass	PK	4.92395G	51.90	74.00	-22.10	3	Horizontal	170	1.15	-
2462MHz	Pass	PK	7.38498G	59.05	74.00	-14.95	3	Horizontal	192	1.71	-
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3896G	52.79	54.00	-1.21	3	Vertical	64	2.60	-
2412MHz	Pass	AV	2.41G	100.49	Inf	-Inf	3	Vertical	64	2.60	-
2412MHz	Pass	PK	2.3888G	68.88	74.00	-5.12	3	Vertical	64	2.60	-
2412MHz	Pass	PK	2.4102G	110.54	Inf	-Inf	3	Vertical	64	2.60	-
2412MHz	Pass	AV	2.3898G	51.15	54.00	-2.85	3	Horizontal	152	1.08	-
2412MHz	Pass	AV	2.4104G	96.77	Inf	-Inf	3	Horizontal	152	1.08	-
2412MHz	Pass	PK	2.3898G	66.72	74.00	-7.28	3	Horizontal	152	1.08	-
2412MHz	Pass	PK	2.414G	107.36	Inf	-Inf	3	Horizontal	152	1.08	-
2412MHz	Pass	AV	4.82348G	32.68	54.00	-21.32	3	Vertical	360	1.31	-
2412MHz	Pass	PK	4.8262G	45.75	74.00	-28.25	3	Vertical	360	1.31	-
2412MHz	Pass	AV	4.82384G	33.17	54.00	-20.83	3	Horizontal	160	1.40	-
2412MHz	Pass	PK	4.82348G	47.07	74.00	-26.93	3	Horizontal	160	1.40	-
2417MHz	Pass	AV	2.3892G	52.64	54.00	-1.36	3	Vertical	64	2.37	-
2417MHz	Pass	AV	2.4182G	102.14	Inf	-Inf	3	Vertical	64	2.37	-
2417MHz	Pass	PK	2.39G	67.44	74.00	-6.56	3	Vertical	64	2.37	-
2417MHz	Pass	PK	2.4176G	111.83	Inf	-Inf	3	Vertical	64	2.37	-
2417MHz	Pass	AV	2.3898G	51.20	54.00	-2.80	3	Horizontal	152	1.10	-
2417MHz	Pass	AV	2.415G	98.19	Inf	-Inf	3	Horizontal	152	1.10	-
2417MHz	Pass	PK	2.3894G	65.86	74.00	-8.14	3	Horizontal	152	1.10	-
2417MHz	Pass	PK	2.4166G	109.34	Inf	-Inf	3	Horizontal	152	1.10	-
2417MHz	Pass	AV	4.83276G	32.83	54.00	-21.17	3	Vertical	0	2.02	-
2417MHz	Pass	AV	7.2516G	45.03	54.00	-8.97	3	Vertical	93	2.40	-
2417MHz	Pass	PK	4.83352G	46.23	74.00	-27.77	3	Vertical	0	2.02	-
2417MHz	Pass	PK	7.25232G	59.40	74.00	-14.60	3	Vertical	93	2.40	-
2417MHz	Pass	AV	4.83304G	34.60	54.00	-19.40	3	Horizontal	208	1.89	-
2417MHz	Pass	AV	7.25092G	48.97	54.00	-5.03	3	Horizontal	194	1.61	-
2417MHz	Pass	PK	4.83128G	48.49	74.00	-25.51	3	Horizontal	208	1.89	-
2417MHz	Pass	PK	7.25596G	63.82	74.00	-10.18	3	Horizontal	194	1.61	-
2437MHz	Pass	AV	2.3834G	48.71	54.00	-5.29	3	Vertical	64	2.16	-
2437MHz	Pass	AV	2.4386G	100.41	Inf	-Inf	3	Vertical	64	2.16	-
2437MHz	Pass	AV	2.4838G	48.83	54.00	-5.17	3	Vertical	64	2.16	-
2437MHz	Pass	PK	2.381G	60.42	74.00	-13.58	3	Vertical	64	2.16	-
2437MHz	Pass	PK	2.437G	111.37	Inf	-Inf	3	Vertical	64	2.16	-
2437MHz	Pass	PK	2.4906G	59.84	74.00	-14.16	3	Vertical	64	2.16	-
2437MHz	Pass	AV	2.3542G	47.94	54.00	-6.06	3	Horizontal	76	2.12	-
2437MHz	Pass	AV	2.4378G	93.32	Inf	-Inf	3	Horizontal	76	2.12	-
2437MHz	Pass	AV	2.485G	48.39	54.00	-5.61	3	Horizontal	76	2.12	-
2437MHz	Pass	PK	2.3754G	59.48	74.00	-14.52	3	Horizontal	76	2.12	-
2437MHz	Pass	PK	2.4398G	102.93	Inf	-Inf	3	Horizontal	76	2.12	-
2437MHz	Pass	PK	2.4902G	60.08	74.00	-13.92	3	Horizontal	76	2.12	-
2437MHz	Pass	AV	4.87552G	34.57	54.00	-19.43	3	Vertical	0	1.81	-



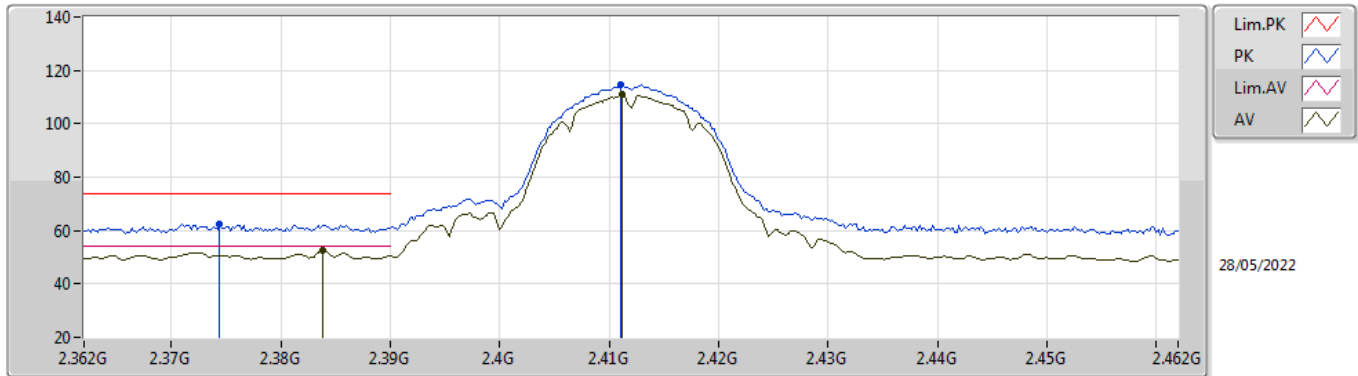
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	AV	7.31236G	50.62	54.00	-3.38	3	Vertical	93	2.38	-
2437MHz	Pass	PK	4.87398G	47.91	74.00	-26.09	3	Vertical	0	1.81	-
2437MHz	Pass	PK	7.31184G	65.06	74.00	-8.94	3	Vertical	93	2.38	-
2437MHz	Pass	AV	4.8734G	35.84	54.00	-18.16	3	Horizontal	161	1.28	-
2437MHz	Pass	AV	7.31084G	52.87	54.00	-1.13	3	Horizontal	179	1.45	-
2437MHz	Pass	PK	4.87394G	49.42	74.00	-24.58	3	Horizontal	161	1.28	-
2437MHz	Pass	PK	7.3126G	67.01	74.00	-6.99	3	Horizontal	179	1.45	-
2457MHz	Pass	AV	2.4582G	102.78	Inf	-Inf	3	Vertical	65	2.12	-
2457MHz	Pass	AV	2.4835G	52.51	54.00	-1.49	3	Vertical	65	2.12	-
2457MHz	Pass	PK	2.4612G	112.63	Inf	-Inf	3	Vertical	65	2.12	-
2457MHz	Pass	PK	2.484G	70.12	74.00	-3.88	3	Vertical	65	2.12	-
2457MHz	Pass	AV	2.4582G	96.92	Inf	-Inf	3	Horizontal	66	2.56	-
2457MHz	Pass	AV	2.4835G	50.91	54.00	-3.09	3	Horizontal	66	2.56	-
2457MHz	Pass	PK	2.4598G	106.95	Inf	-Inf	3	Horizontal	66	2.56	-
2457MHz	Pass	PK	2.4836G	65.20	74.00	-8.80	3	Horizontal	66	2.56	-
2457MHz	Pass	AV	4.91396G	34.20	54.00	-19.80	3	Vertical	0	1.77	-
2457MHz	Pass	AV	7.37192G	43.94	54.00	-10.06	3	Vertical	92	2.35	-
2457MHz	Pass	PK	4.91088G	47.94	74.00	-26.06	3	Vertical	0	1.77	-
2457MHz	Pass	PK	7.37232G	59.49	74.00	-14.51	3	Vertical	92	2.35	-
2457MHz	Pass	AV	4.91492G	35.33	54.00	-18.67	3	Horizontal	160	1.34	-
2457MHz	Pass	AV	7.37176G	47.72	54.00	-6.28	3	Horizontal	193	1.62	-
2457MHz	Pass	PK	4.91972G	48.55	74.00	-25.45	3	Horizontal	160	1.34	-
2457MHz	Pass	PK	7.3652G	62.84	74.00	-11.16	3	Horizontal	193	1.62	-
2462MHz	Pass	AV	2.4638G	100.41	Inf	-Inf	3	Vertical	106	1.64	-
2462MHz	Pass	AV	2.4836G	52.58	54.00	-1.42	3	Vertical	106	1.64	-
2462MHz	Pass	PK	2.4616G	110.07	Inf	-Inf	3	Vertical	106	1.64	-
2462MHz	Pass	PK	2.4838G	69.19	74.00	-4.81	3	Vertical	106	1.64	-
2462MHz	Pass	AV	2.463G	98.01	Inf	-Inf	3	Horizontal	184	1.38	-
2462MHz	Pass	AV	2.4835G	52.15	54.00	-1.85	3	Horizontal	184	1.38	-
2462MHz	Pass	PK	2.4636G	107.89	Inf	-Inf	3	Horizontal	184	1.38	-
2462MHz	Pass	PK	2.4842G	68.80	74.00	-5.20	3	Horizontal	184	1.38	-
2462MHz	Pass	AV	4.92346G	33.55	54.00	-20.45	3	Vertical	346	1.44	-
2462MHz	Pass	AV	7.38476G	45.32	54.00	-8.68	3	Vertical	274	1.86	-
2462MHz	Pass	PK	4.9236G	46.73	74.00	-27.27	3	Vertical	346	1.44	-
2462MHz	Pass	PK	7.38764G	60.51	74.00	-13.49	3	Vertical	274	1.86	-
2462MHz	Pass	AV	4.92408G	35.47	54.00	-18.53	3	Horizontal	247	2.17	-
2462MHz	Pass	AV	7.38594G	45.67	54.00	-8.33	3	Horizontal	161	1.82	-
2462MHz	Pass	PK	4.91974G	49.10	74.00	-24.90	3	Horizontal	247	2.17	-
2462MHz	Pass	PK	7.38722G	59.98	74.00	-14.02	3	Horizontal	161	1.82	-
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	52.88	54.00	-1.12	3	Vertical	197	2.40	-
2412MHz	Pass	AV	2.4096G	99.94	Inf	-Inf	3	Vertical	197	2.40	-
2412MHz	Pass	PK	2.39G	69.97	74.00	-4.03	3	Vertical	197	2.40	-
2412MHz	Pass	PK	2.4112G	110.21	Inf	-Inf	3	Vertical	197	2.40	-
2412MHz	Pass	AV	2.39G	52.83	54.00	-1.17	3	Horizontal	148	2.10	-
2412MHz	Pass	AV	2.4102G	98.79	Inf	-Inf	3	Horizontal	148	2.10	-
2412MHz	Pass	PK	2.3888G	68.52	74.00	-5.48	3	Horizontal	148	2.10	-
2412MHz	Pass	PK	2.4092G	108.94	Inf	-Inf	3	Horizontal	148	2.10	-
2412MHz	Pass	AV	4.82672G	32.23	54.00	-21.77	3	Vertical	360	1.30	-
2412MHz	Pass	PK	4.82848G	45.55	74.00	-28.45	3	Vertical	360	1.30	-
2412MHz	Pass	AV	4.82356G	32.51	54.00	-21.49	3	Horizontal	156	1.06	-
2412MHz	Pass	PK	4.82936G	45.49	74.00	-28.51	3	Horizontal	156	1.06	-
2417MHz	Pass	AV	2.39G	52.68	54.00	-1.32	3	Vertical	197	2.36	-
2417MHz	Pass	AV	2.4154G	101.23	Inf	-Inf	3	Vertical	197	2.36	-
2417MHz	Pass	PK	2.389G	67.05	74.00	-6.95	3	Vertical	197	2.36	-
2417MHz	Pass	PK	2.4148G	110.92	Inf	-Inf	3	Vertical	197	2.36	-
2417MHz	Pass	AV	2.39G	52.68	54.00	-1.32	3	Horizontal	147	2.10	-
2417MHz	Pass	AV	2.416G	99.53	Inf	-Inf	3	Horizontal	147	2.10	-
2417MHz	Pass	PK	2.3894G	67.32	74.00	-6.68	3	Horizontal	147	2.10	-
2417MHz	Pass	PK	2.4194G	109.92	Inf	-Inf	3	Horizontal	147	2.10	-
2417MHz	Pass	AV	4.83608G	32.96	54.00	-21.04	3	Vertical	350	1.47	-
2417MHz	Pass	AV	7.25012G	43.52	54.00	-10.48	3	Vertical	339	1.74	-



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2417MHz	Pass	PK	4.83608G	46.27	74.00	-27.73	3	Vertical	350	1.47	-
2417MHz	Pass	PK	7.25228G	57.45	74.00	-16.55	3	Vertical	339	1.74	-
2417MHz	Pass	AV	4.83276G	33.85	54.00	-20.15	3	Horizontal	229	2.19	-
2417MHz	Pass	AV	7.25104G	47.40	54.00	-6.60	3	Horizontal	177	1.28	-
2417MHz	Pass	PK	4.84092G	47.31	74.00	-26.69	3	Horizontal	229	2.19	-
2417MHz	Pass	PK	7.2556G	62.02	74.00	-11.98	3	Horizontal	177	1.28	-
2437MHz	Pass	AV	2.389G	48.49	54.00	-5.51	3	Vertical	196	2.16	-
2437MHz	Pass	AV	2.4362G	99.24	Inf	-Inf	3	Vertical	196	2.16	-
2437MHz	Pass	AV	2.4842G	48.80	54.00	-5.20	3	Vertical	196	2.16	-
2437MHz	Pass	PK	2.379G	59.33	74.00	-14.67	3	Vertical	196	2.16	-
2437MHz	Pass	PK	2.4386G	109.03	Inf	-Inf	3	Vertical	196	2.16	-
2437MHz	Pass	PK	2.493G	60.26	74.00	-13.74	3	Vertical	196	2.16	-
2437MHz	Pass	AV	2.3814G	48.28	54.00	-5.72	3	Horizontal	150	2.29	-
2437MHz	Pass	AV	2.4358G	97.32	Inf	-Inf	3	Horizontal	150	2.29	-
2437MHz	Pass	AV	2.4846G	48.49	54.00	-5.51	3	Horizontal	150	2.29	-
2437MHz	Pass	PK	2.3878G	59.69	74.00	-14.31	3	Horizontal	150	2.29	-
2437MHz	Pass	PK	2.4354G	107.24	Inf	-Inf	3	Horizontal	150	2.29	-
2437MHz	Pass	PK	2.4902G	59.93	74.00	-14.07	3	Horizontal	150	2.29	-
2437MHz	Pass	AV	4.87348G	33.64	54.00	-20.36	3	Vertical	345	1.50	-
2437MHz	Pass	AV	7.3142G	49.22	54.00	-4.78	3	Vertical	279	1.80	-
2437MHz	Pass	PK	4.87884G	46.45	74.00	-27.55	3	Vertical	345	1.50	-
2437MHz	Pass	PK	7.3142G	62.89	74.00	-11.11	3	Vertical	279	1.80	-
2437MHz	Pass	AV	4.87264G	34.65	54.00	-19.35	3	Horizontal	159	1.92	-
2437MHz	Pass	AV	7.31168G	52.52	54.00	-1.48	3	Horizontal	175	1.74	-
2437MHz	Pass	PK	4.87444G	47.64	74.00	-26.36	3	Horizontal	159	1.92	-
2437MHz	Pass	PK	7.31044G	66.49	74.00	-7.51	3	Horizontal	175	1.74	-
2457MHz	Pass	AV	2.4586G	99.39	Inf	-Inf	3	Vertical	196	1.88	-
2457MHz	Pass	AV	2.4835G	52.89	54.00	-1.11	3	Vertical	196	1.88	-
2457MHz	Pass	PK	2.459G	110.64	Inf	-Inf	3	Vertical	196	1.88	-
2457MHz	Pass	PK	2.4844G	69.23	74.00	-4.77	3	Vertical	196	1.88	-
2457MHz	Pass	AV	2.4546G	99.19	Inf	-Inf	3	Horizontal	148	1.87	-
2457MHz	Pass	AV	2.4835G	52.73	54.00	-1.27	3	Horizontal	148	1.87	-
2457MHz	Pass	PK	2.4564G	109.19	Inf	-Inf	3	Horizontal	148	1.87	-
2457MHz	Pass	PK	2.4835G	67.95	74.00	-6.05	3	Horizontal	148	1.87	-
2457MHz	Pass	AV	4.91404G	34.36	54.00	-19.64	3	Vertical	0	1.49	-
2457MHz	Pass	AV	7.36772G	46.83	54.00	-7.17	3	Vertical	290	1.82	-
2457MHz	Pass	PK	4.91316G	47.26	74.00	-26.74	3	Vertical	0	1.49	-
2457MHz	Pass	PK	7.37016G	61.20	74.00	-12.80	3	Vertical	290	1.82	-
2457MHz	Pass	AV	4.91172G	35.15	54.00	-18.85	3	Horizontal	161	1.41	-
2457MHz	Pass	AV	7.371G	49.08	54.00	-4.92	3	Horizontal	174	1.89	-
2457MHz	Pass	PK	4.91488G	48.68	74.00	-25.32	3	Horizontal	161	1.41	-
2457MHz	Pass	PK	7.36292G	63.97	74.00	-10.03	3	Horizontal	174	1.89	-
2462MHz	Pass	AV	2.4638G	96.69	Inf	-Inf	3	Vertical	196	1.87	-
2462MHz	Pass	AV	2.4836G	52.53	54.00	-1.47	3	Vertical	196	1.87	-
2462MHz	Pass	PK	2.4642G	106.87	Inf	-Inf	3	Vertical	196	1.87	-
2462MHz	Pass	PK	2.484G	68.69	74.00	-5.31	3	Vertical	196	1.87	-
2462MHz	Pass	AV	2.4632G	96.20	Inf	-Inf	3	Horizontal	147	2.02	-
2462MHz	Pass	AV	2.4835G	52.78	54.00	-1.22	3	Horizontal	147	2.02	-
2462MHz	Pass	PK	2.4644G	106.97	Inf	-Inf	3	Horizontal	147	2.02	-
2462MHz	Pass	PK	2.4838G	68.18	74.00	-5.82	3	Horizontal	147	2.02	-
2462MHz	Pass	AV	4.925G	33.42	54.00	-20.58	3	Vertical	352	1.50	-
2462MHz	Pass	AV	7.38452G	43.91	54.00	-10.09	3	Vertical	262	1.87	-
2462MHz	Pass	PK	4.9206G	46.26	74.00	-27.74	3	Vertical	352	1.50	-
2462MHz	Pass	PK	7.38536G	58.90	74.00	-15.10	3	Vertical	262	1.87	-
2462MHz	Pass	AV	4.92264G	34.79	54.00	-19.21	3	Horizontal	165	1.34	-
2462MHz	Pass	AV	7.38948G	45.94	54.00	-8.06	3	Horizontal	176	1.26	-
2462MHz	Pass	PK	4.92392G	48.43	74.00	-25.57	3	Horizontal	165	1.34	-
2462MHz	Pass	PK	7.39232G	60.91	74.00	-13.09	3	Horizontal	176	1.26	-

### 802.11b\_Nss1,(1Mbps)\_1TX

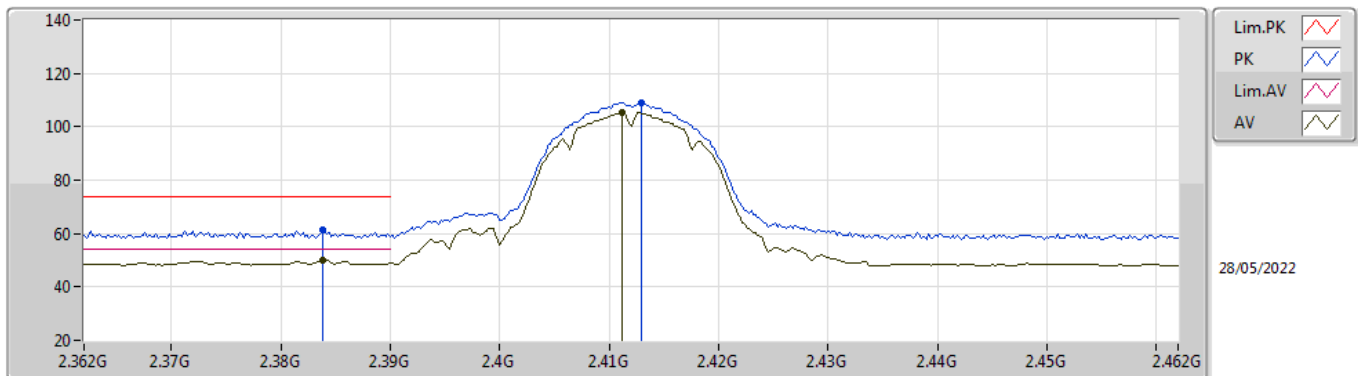
#### 2412MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3838G	52.55	54.00	-1.45	35.55	3	Vertical	64	2.44	-	17.00	27.27	8.28	-
AV	2.4112G	110.80	Inf	-Inf	35.64	3	Vertical	64	2.44	-	75.16	27.34	8.30	-
PK	2.3744G	62.47	74.00	-11.53	35.52	3	Vertical	64	2.44	-	26.95	27.25	8.27	-
PK	2.411G	114.49	Inf	-Inf	35.64	3	Vertical	64	2.44	-	78.85	27.34	8.30	-

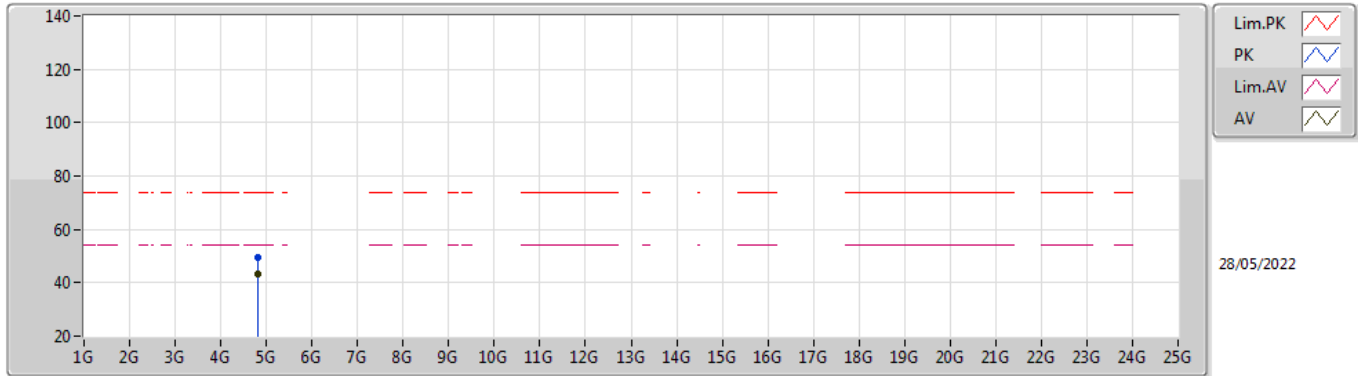
### 802.11b\_Nss1,(1Mbps)\_1TX

#### 2412MHz\_TX



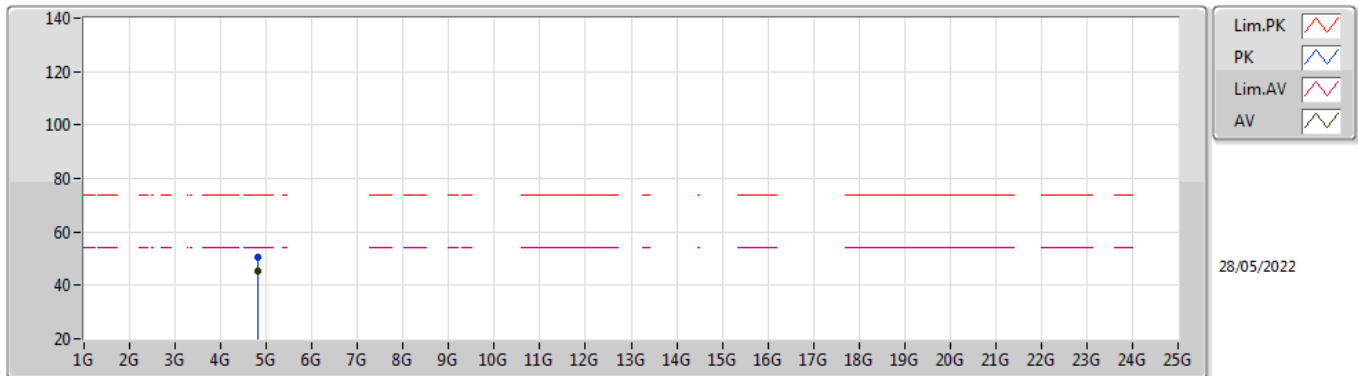
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3838G	50.19	54.00	-3.81	35.55	3	Horizontal	153	1.08	-	14.64	27.27	8.28	-
AV	2.4112G	105.31	Inf	-Inf	35.64	3	Horizontal	153	1.08	-	69.67	27.34	8.30	-
PK	2.3838G	61.54	74.00	-12.46	35.55	3	Horizontal	153	1.08	-	25.99	27.27	8.28	-
PK	2.413G	109.13	Inf	-Inf	35.65	3	Horizontal	153	1.08	-	73.48	27.35	8.30	-

**802.11b\_Nss1,(1Mbps)\_1TX**  
**2412MHz\_TX**



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82396G	43.30	54.00	-10.70	8.05	3	Vertical	360	1.82	-	35.25	32.55	9.68	34.18
PK	4.82386G	49.35	74.00	-24.65	8.05	3	Vertical	360	1.82	-	41.30	32.55	9.68	34.18

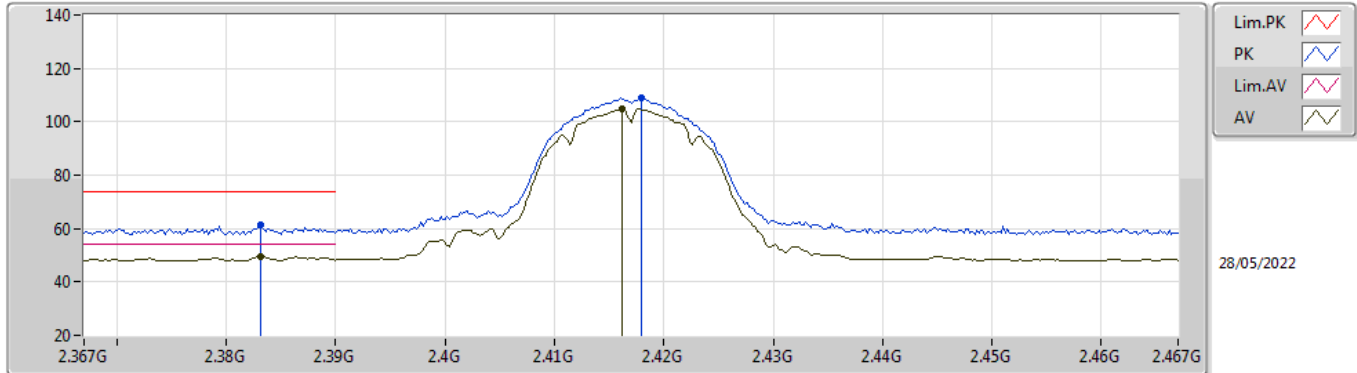
**802.11b\_Nss1,(1Mbps)\_1TX**  
**2412MHz\_TX**



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82394G	45.24	54.00	-8.76	8.05	3	Horizontal	160	1.42	-	37.19	32.55	9.68	34.18
PK	4.82392G	50.43	74.00	-23.57	8.05	3	Horizontal	160	1.42	-	42.38	32.55	9.68	34.18

### 802.11b\_Nss1,(1Mbps)\_1TX

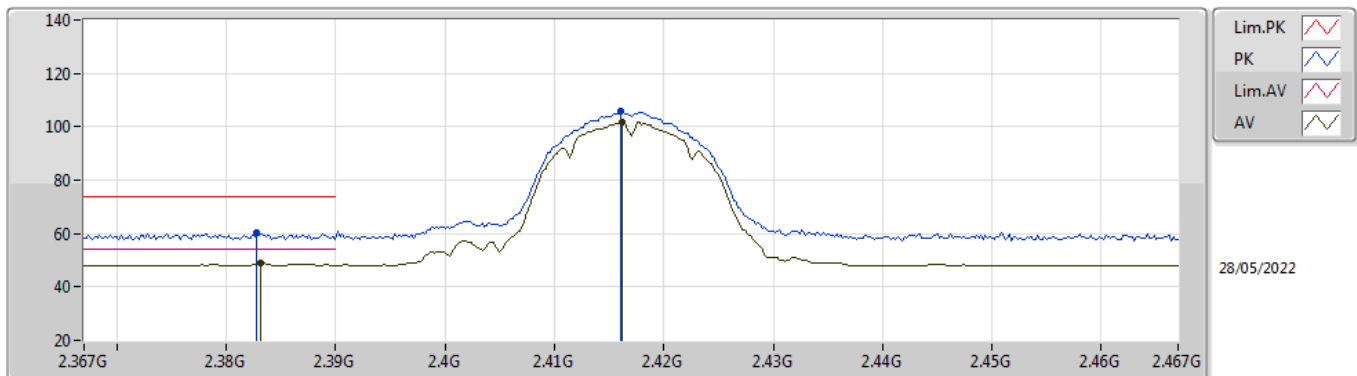
#### 2417MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3832G	49.55	54.00	-4.45	35.55	3	Vertical	66	2.60	-	14.00	27.27	8.28	-
AV	2.4162G	105.05	Inf	-Inf	35.66	3	Vertical	66	2.60	-	69.39	27.36	8.30	-
PK	2.3832G	61.14	74.00	-12.86	35.55	3	Vertical	66	2.60	-	25.59	27.27	8.28	-
PK	2.418G	108.82	Inf	-Inf	35.67	3	Vertical	66	2.60	-	73.15	27.37	8.30	-

### 802.11b\_Nss1,(1Mbps)\_1TX

#### 2417MHz\_TX

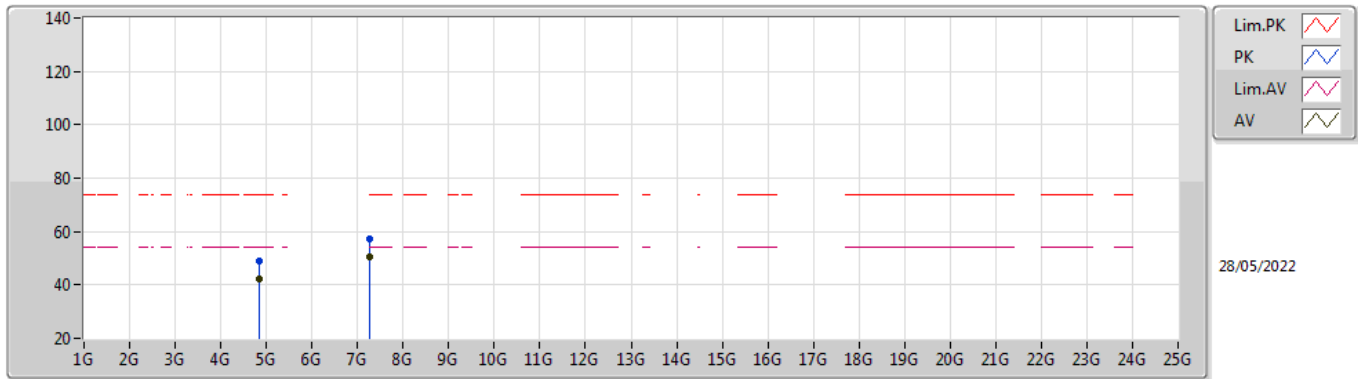


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3832G	48.89	54.00	-5.11	35.55	3	Horizontal	152	1.09	-	13.34	27.27	8.28	-
AV	2.4162G	101.94	Inf	-Inf	35.66	3	Horizontal	152	1.09	-	66.28	27.36	8.30	-
PK	2.3828G	60.30	74.00	-13.70	35.55	3	Horizontal	152	1.09	-	24.75	27.27	8.28	-
PK	2.416G	105.61	Inf	-Inf	35.66	3	Horizontal	152	1.09	-	69.95	27.36	8.30	-



### 802.11b\_Nss1,(1Mbps)\_1TX

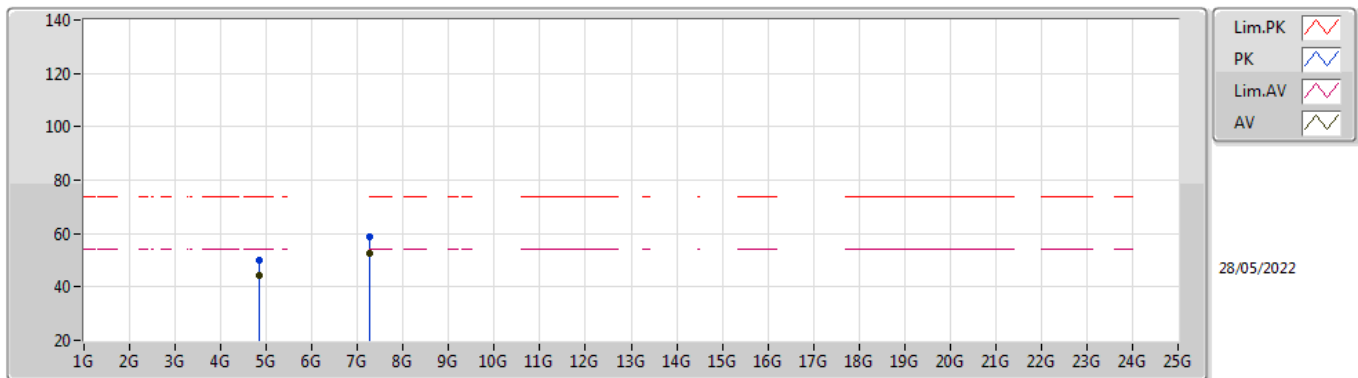
#### 2417MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.83393G	42.48	54.00	-11.52	8.07	3	Vertical	1	2.03	-	34.41	32.57	9.68	34.18
AV	7.25022G	50.77	54.00	-3.23	13.51	3	Vertical	83	2.32	-	37.26	36.70	11.31	34.50
PK	4.83385G	48.99	74.00	-25.01	8.07	3	Vertical	1	2.03	-	40.92	32.57	9.68	34.18
PK	7.25136G	57.34	74.00	-16.66	13.51	3	Vertical	83	2.32	-	43.83	36.70	11.31	34.50

### 802.11b\_Nss1,(1Mbps)\_1TX

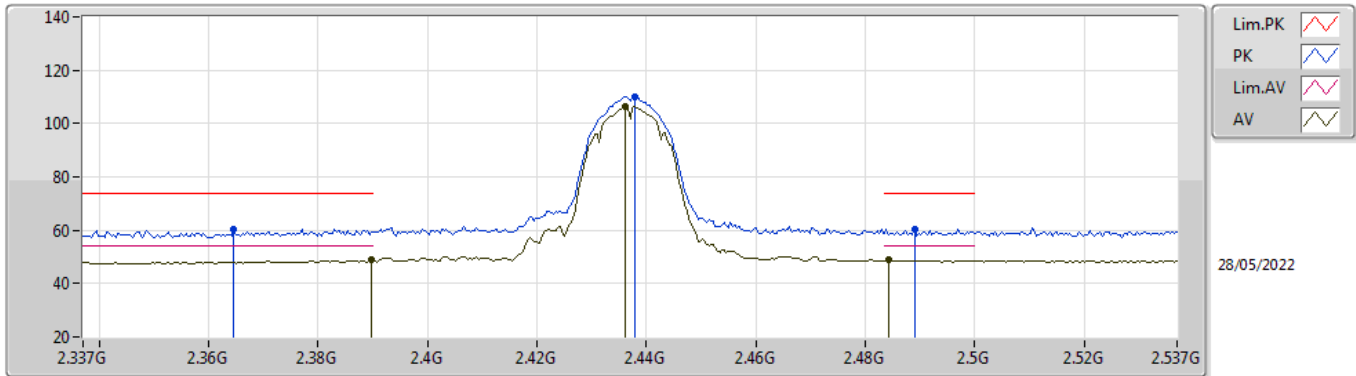
#### 2417MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.83397G	44.26	54.00	-9.74	8.07	3	Horizontal	160	1.22	-	36.19	32.57	9.68	34.18
AV	7.25022G	52.66	54.00	-1.34	13.51	3	Horizontal	195	1.50	-	39.15	36.70	11.31	34.50
PK	4.83394G	49.77	74.00	-24.23	8.07	3	Horizontal	160	1.22	-	41.70	32.57	9.68	34.18
PK	7.25G	58.97	74.00	-15.03	13.51	3	Horizontal	195	1.50	-	45.46	36.70	11.31	34.50

### 802.11b\_Nss1,(1Mbps)\_1TX

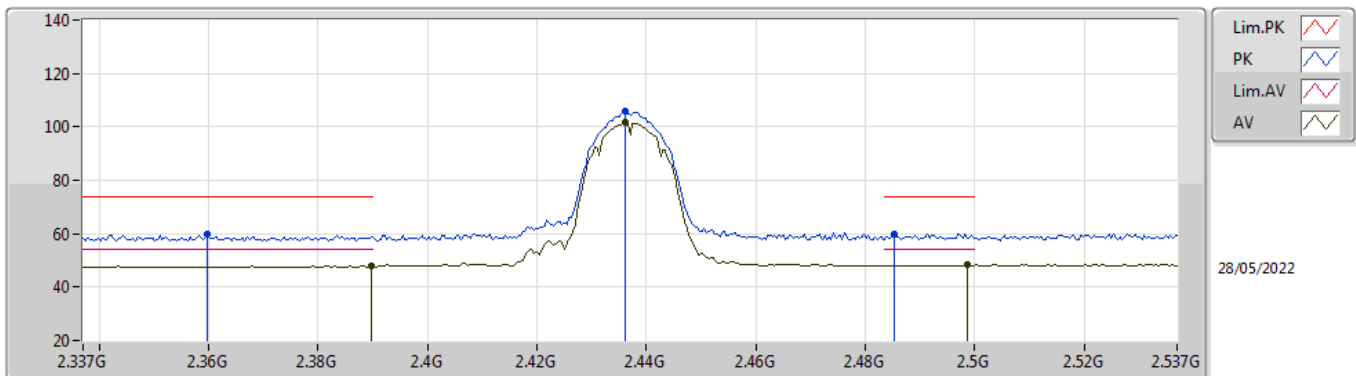
#### 2437MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	48.73	54.00	-5.27	35.56	3	Vertical	89	2.16	-	13.17	27.28	8.28	-
AV	2.4362G	106.46	Inf	-Inf	35.75	3	Vertical	89	2.16	-	70.71	27.44	8.31	-
AV	2.4842G	48.86	54.00	-5.14	36.05	3	Vertical	89	2.16	-	12.81	27.71	8.34	-
PK	2.3646G	60.58	74.00	-13.42	35.49	3	Vertical	89	2.16	-	25.09	27.23	8.26	-
PK	2.4378G	110.24	Inf	-Inf	35.76	3	Vertical	89	2.16	-	74.48	27.45	8.31	-
PK	2.489G	60.23	74.00	-13.77	36.08	3	Vertical	89	2.16	-	24.15	27.73	8.35	-

### 802.11b\_Nss1,(1Mbps)\_1TX

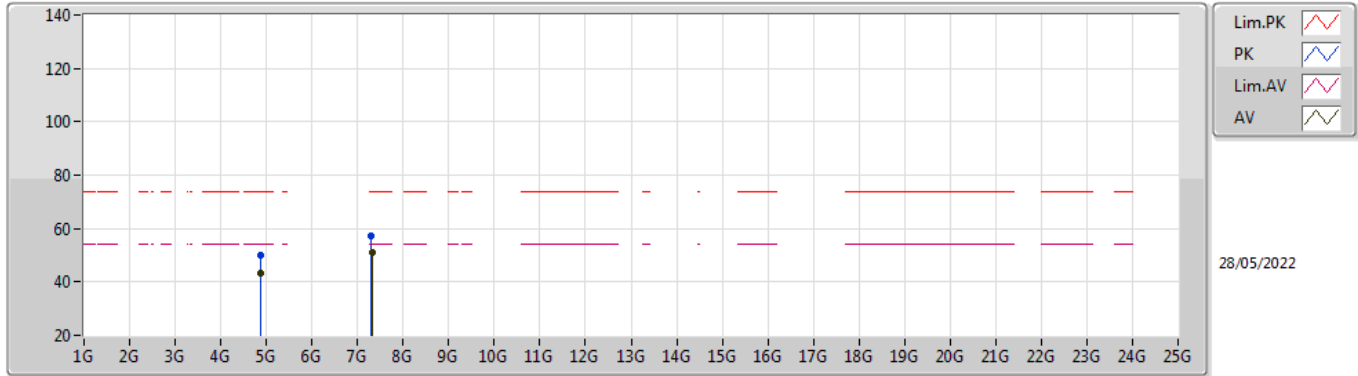
#### 2437MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	47.75	54.00	-6.25	35.56	3	Horizontal	76	2.13	-	12.19	27.28	8.28	-
AV	2.4362G	101.96	Inf	-Inf	35.75	3	Horizontal	76	2.13	-	66.21	27.44	8.31	-
AV	2.4986G	48.19	54.00	-5.81	36.14	3	Horizontal	76	2.13	-	12.05	27.79	8.35	-
PK	2.3598G	59.69	74.00	-14.31	35.48	3	Horizontal	76	2.13	-	24.21	27.22	8.26	-
PK	2.4362G	105.72	Inf	-Inf	35.75	3	Horizontal	76	2.13	-	69.97	27.44	8.31	-
PK	2.4854G	59.77	74.00	-14.23	36.06	3	Horizontal	76	2.13	-	23.71	27.71	8.35	-

### 802.11b\_Nss1,(1Mbps)\_1TX

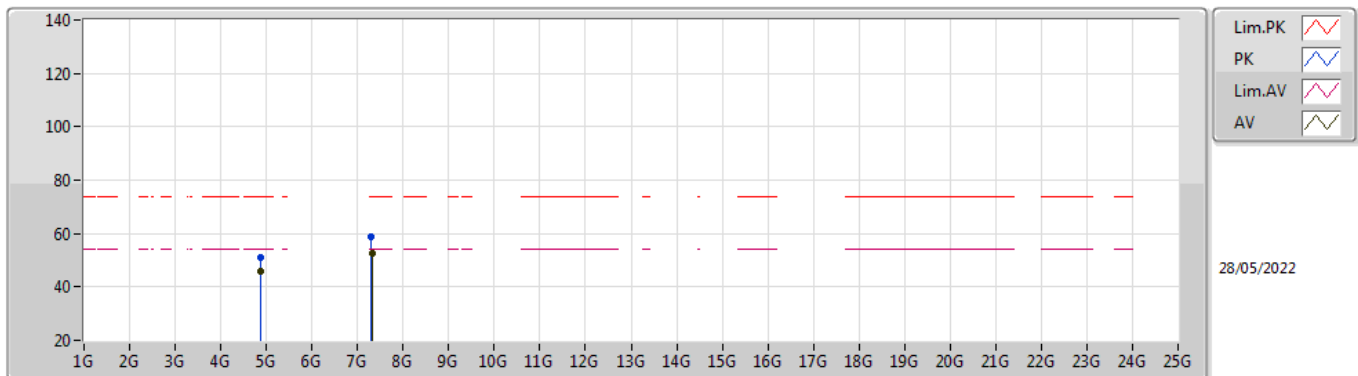
#### 2437MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87396G	43.37	54.00	-10.63	8.19	3	Vertical	6	1.82	-	35.18	32.65	9.70	34.16
AV	7.3117G	51.19	54.00	-2.81	13.44	3	Vertical	92	2.38	-	37.75	36.62	11.32	34.50
PK	4.87396G	49.88	74.00	-24.12	8.19	3	Vertical	6	1.82	-	41.69	32.65	9.70	34.16
PK	7.30996G	57.45	74.00	-16.55	13.44	3	Vertical	92	2.38	-	44.01	36.62	11.32	34.50

### 802.11b\_Nss1,(1Mbps)\_1TX

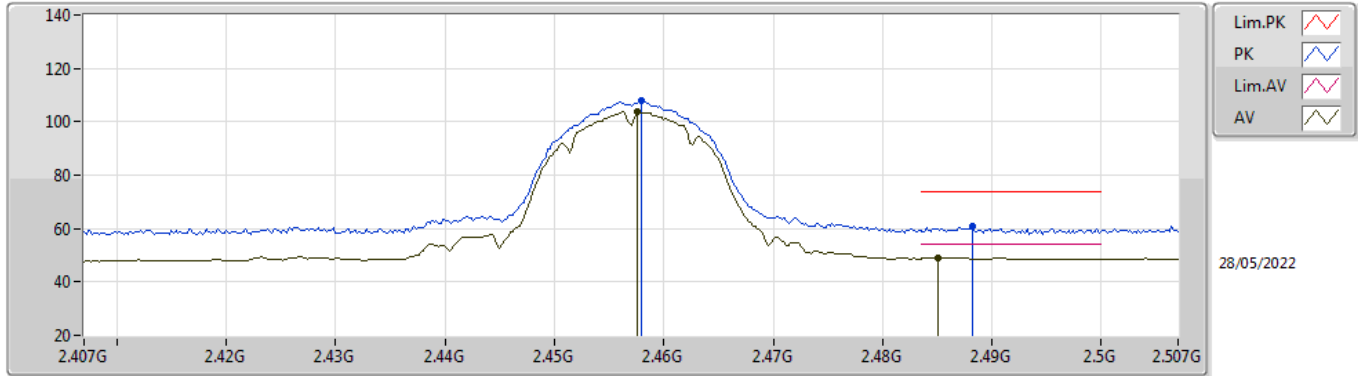
#### 2437MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87396G	45.84	54.00	-8.16	8.19	3	Horizontal	161	1.92	-	37.65	32.65	9.70	34.16
AV	7.31022G	52.80	54.00	-1.20	13.44	3	Horizontal	180	1.77	-	39.36	36.62	11.32	34.50
PK	4.87387G	51.03	74.00	-22.97	8.19	3	Horizontal	161	1.92	-	42.84	32.65	9.70	34.16
PK	7.31002G	58.92	74.00	-15.08	13.44	3	Horizontal	180	1.77	-	45.48	36.62	11.32	34.50

### 802.11b\_Nss1,(1Mbps)\_1TX

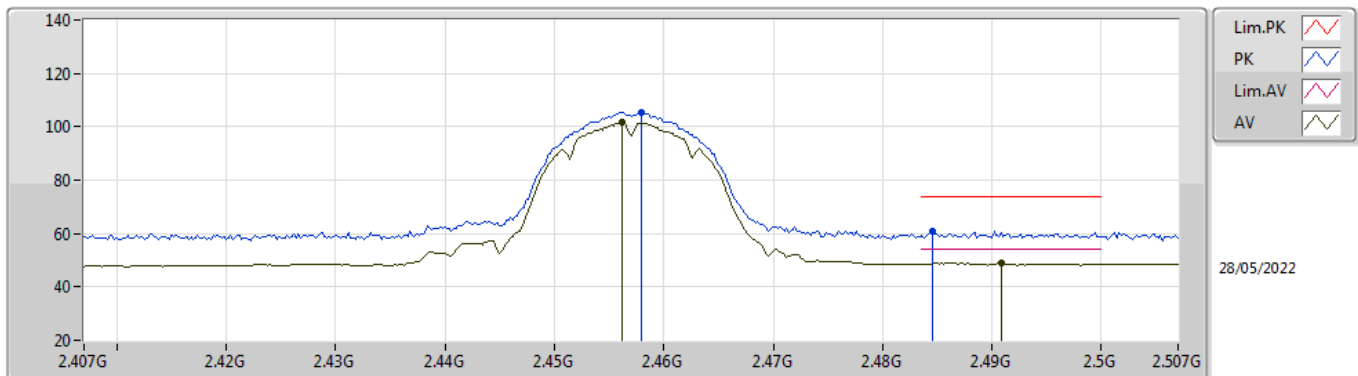
#### 2457MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4576G	103.69	Inf	-Inf	35.88	3	Vertical	64	1.50	-	67.81	27.55	8.33	-
AV	2.485G	49.15	54.00	-4.85	36.06	3	Vertical	64	1.50	-	13.09	27.71	8.35	-
PK	2.458G	107.73	Inf	-Inf	35.88	3	Vertical	64	1.50	-	71.85	27.55	8.33	-
PK	2.4882G	60.63	74.00	-13.37	36.08	3	Vertical	64	1.50	-	24.55	27.73	8.35	-

### 802.11b\_Nss1,(1Mbps)\_1TX

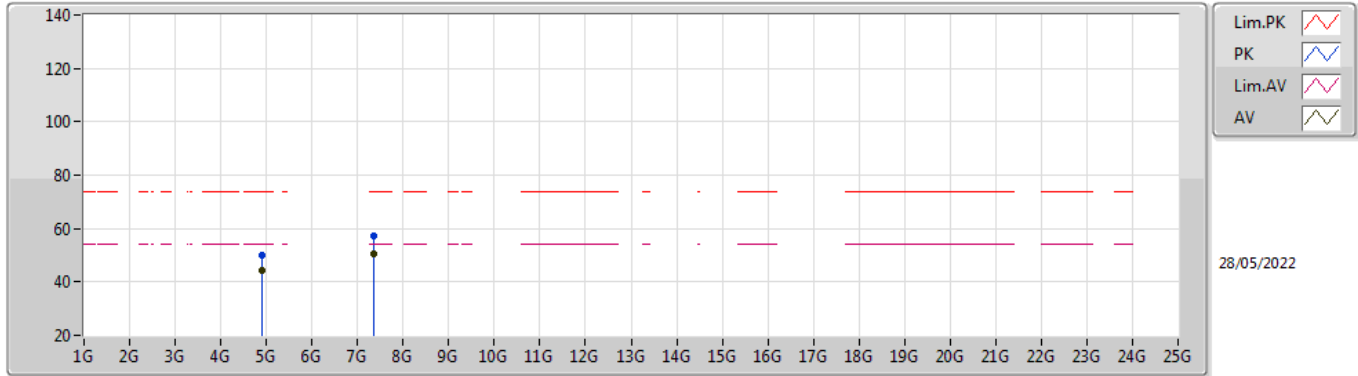
#### 2457MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4562G	101.67	Inf	-Inf	35.87	3	Horizontal	64	2.55	-	65.80	27.54	8.33	-
AV	2.4908G	48.82	54.00	-5.18	36.09	3	Horizontal	64	2.55	-	12.73	27.74	8.35	-
PK	2.458G	105.49	Inf	-Inf	35.88	3	Horizontal	64	2.55	-	69.61	27.55	8.33	-
PK	2.4846G	61.07	74.00	-12.93	36.05	3	Horizontal	64	2.55	-	25.02	27.71	8.34	-

### 802.11b\_Nss1,(1Mbps)\_1TX

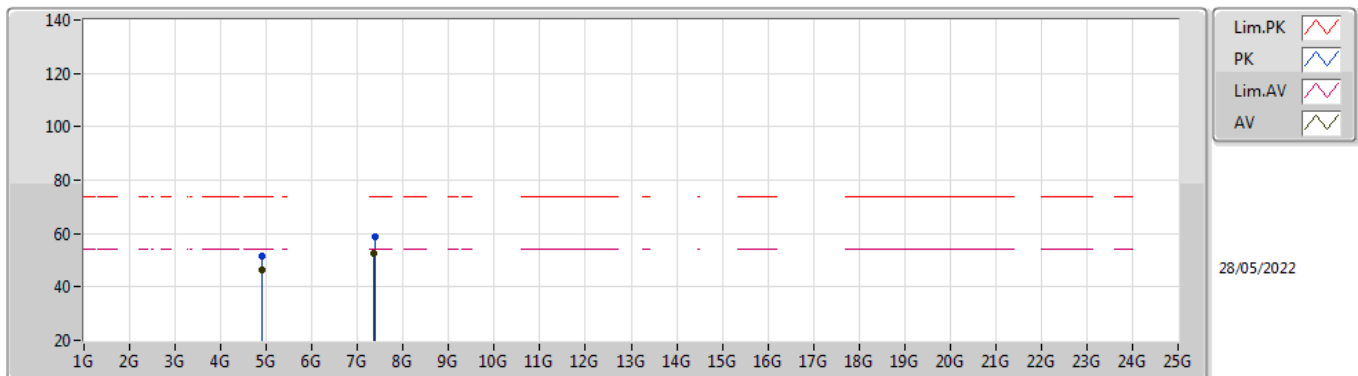
#### 2457MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.91397G	44.26	54.00	-9.74	8.34	3	Vertical	2	1.77	-	35.92	32.76	9.72	34.14
AV	7.37024G	50.30	54.00	-3.70	13.42	3	Vertical	92	2.36	-	36.88	36.58	11.33	34.49
PK	4.91396G	50.19	74.00	-23.81	8.34	3	Vertical	2	1.77	-	41.85	32.76	9.72	34.14
PK	7.37006G	57.14	74.00	-16.86	13.42	3	Vertical	92	2.36	-	43.72	36.58	11.33	34.49

### 802.11b\_Nss1,(1Mbps)\_1TX

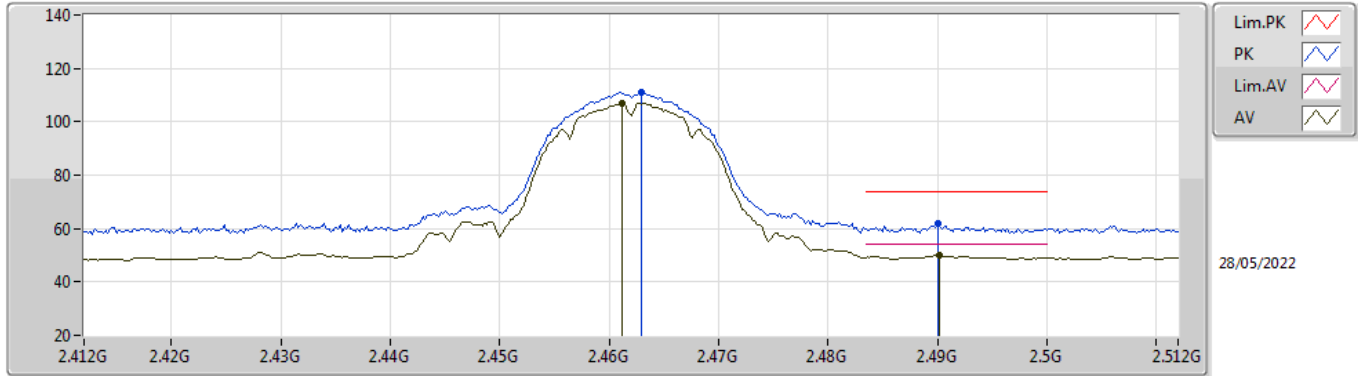
#### 2457MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.91396G	46.49	54.00	-7.51	8.34	3	Horizontal	161	1.34	-	38.15	32.76	9.72	34.14
AV	7.37022G	52.82	54.00	-1.18	13.42	3	Horizontal	193	1.75	-	39.40	36.58	11.33	34.49
PK	4.91398G	51.62	74.00	-22.38	8.34	3	Horizontal	161	1.34	-	43.28	32.76	9.72	34.14
PK	7.372G	58.92	74.00	-15.08	13.41	3	Horizontal	193	1.75	-	45.51	36.57	11.33	34.49

### 802.11b\_Nss1,(1Mbps)\_1TX

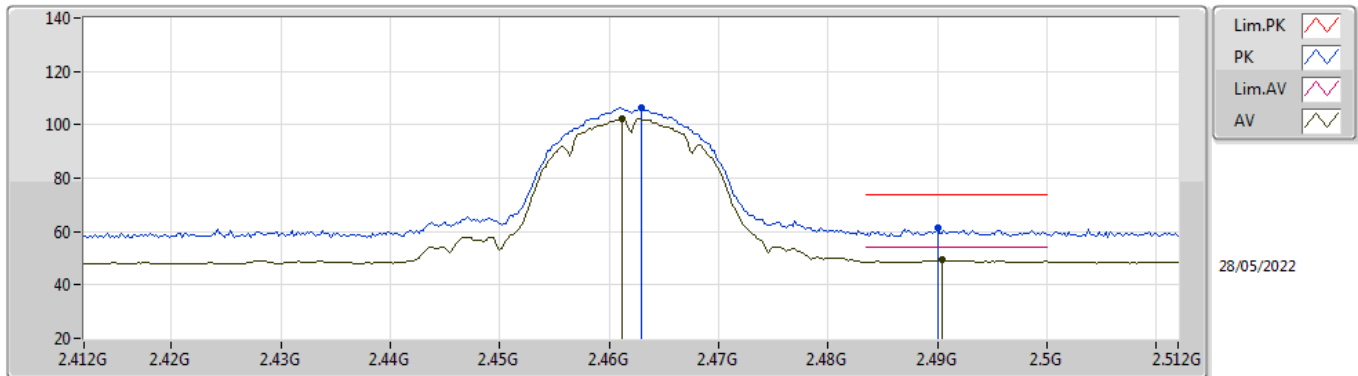
#### 2462MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4612G	107.14	Inf	-Inf	35.90	3	Vertical	64	2.08	-	71.24	27.57	8.33	-
AV	2.4902G	50.11	54.00	-3.89	36.09	3	Vertical	64	2.08	-	14.02	27.74	8.35	-
PK	2.463G	111.00	Inf	-Inf	35.91	3	Vertical	64	2.08	-	75.09	27.58	8.33	-
PK	2.49G	61.72	74.00	-12.28	36.09	3	Vertical	64	2.08	-	25.63	27.74	8.35	-

### 802.11b\_Nss1,(1Mbps)\_1TX

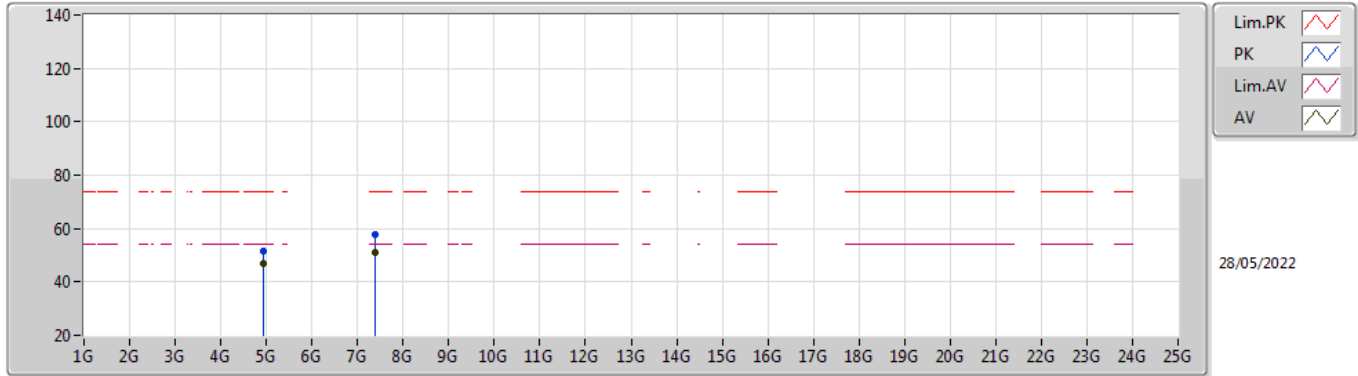
#### 2462MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4612G	102.45	Inf	-Inf	35.90	3	Horizontal	64	2.55	-	66.55	27.57	8.33	-
AV	2.4904G	49.35	54.00	-4.65	36.09	3	Horizontal	64	2.55	-	13.26	27.74	8.35	-
PK	2.463G	106.24	Inf	-Inf	35.91	3	Horizontal	64	2.55	-	70.33	27.58	8.33	-
PK	2.49G	61.14	74.00	-12.86	36.09	3	Horizontal	64	2.55	-	25.05	27.74	8.35	-

### 802.11b\_Nss1,(1Mbps)\_1TX

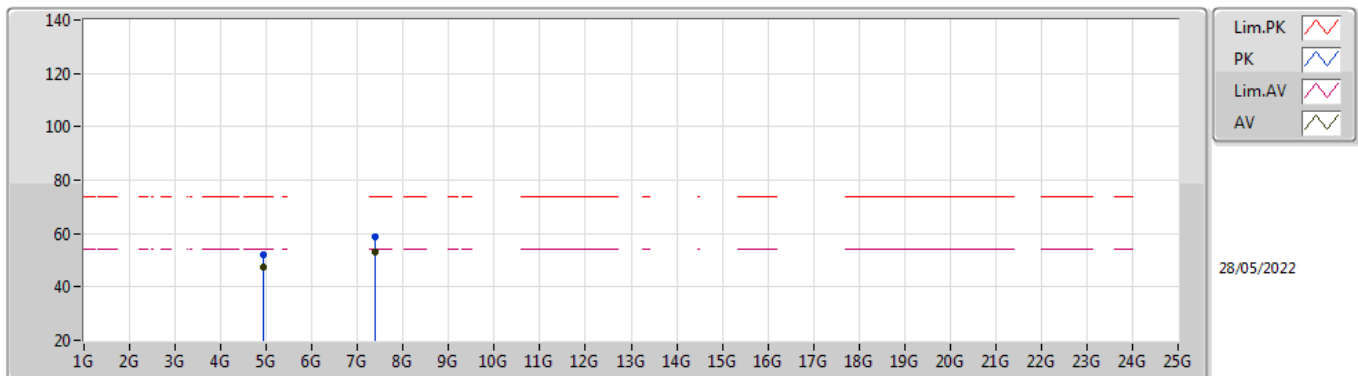
#### 2462MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92397G	47.00	54.00	-7.00	8.38	3	Vertical	173	2.44	-	38.62	32.80	9.72	34.14
AV	7.38522G	50.86	54.00	-3.14	13.34	3	Vertical	83	2.34	-	37.52	36.49	11.34	34.49
PK	4.92395G	51.79	74.00	-22.21	8.38	3	Vertical	173	2.44	-	43.41	32.80	9.72	34.14
PK	7.38496G	57.58	74.00	-16.42	13.34	3	Vertical	83	2.34	-	44.24	36.49	11.34	34.49

### 802.11b\_Nss1,(1Mbps)\_1TX

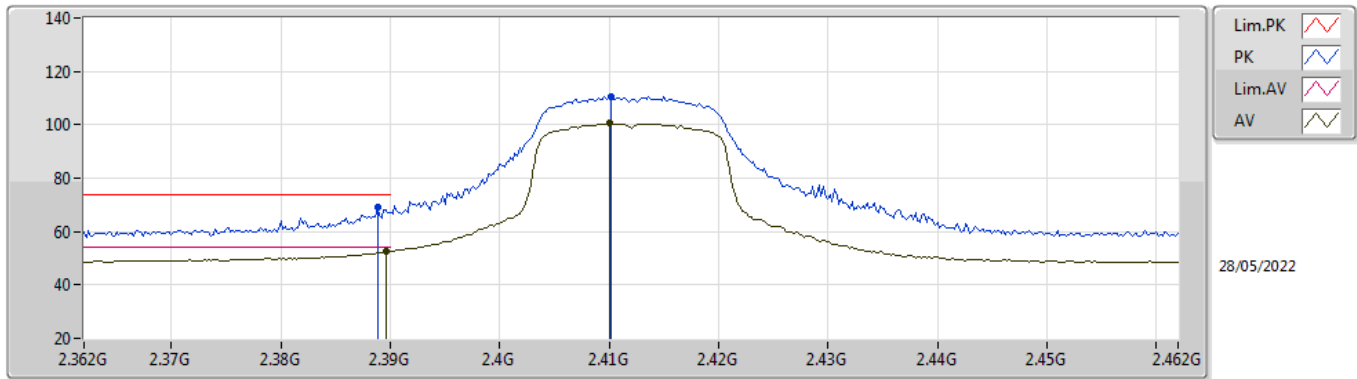
#### 2462MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92396G	47.35	54.00	-6.65	8.38	3	Horizontal	170	1.15	-	38.97	32.80	9.72	34.14
AV	7.38522G	52.91	54.00	-1.09	13.34	3	Horizontal	192	1.71	-	39.57	36.49	11.34	34.49
PK	4.92395G	51.90	74.00	-22.10	8.38	3	Horizontal	170	1.15	-	43.52	32.80	9.72	34.14
PK	7.38498G	59.05	74.00	-14.95	13.34	3	Horizontal	192	1.71	-	45.71	36.49	11.34	34.49

### 802.11g\_Nss1,(6Mbps)\_1TX

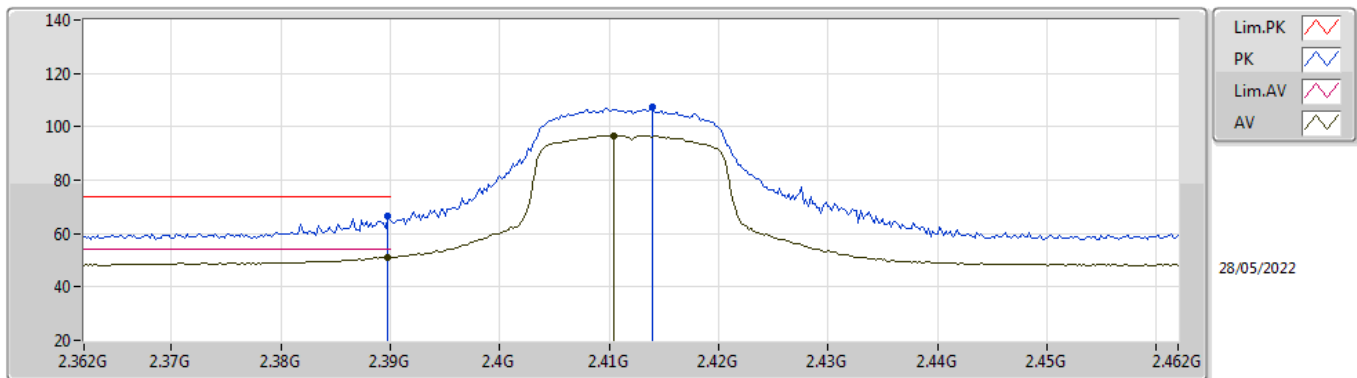
#### 2412MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3896G	52.79	54.00	-1.21	35.56	3	Vertical	64	2.60	-	17.23	27.28	8.28	-
AV	2.41G	100.49	Inf	-Inf	35.64	3	Vertical	64	2.60	-	64.85	27.34	8.30	-
PK	2.3888G	68.88	74.00	-5.12	35.56	3	Vertical	64	2.60	-	33.32	27.28	8.28	-
PK	2.4102G	110.54	Inf	-Inf	35.64	3	Vertical	64	2.60	-	74.90	27.34	8.30	-

### 802.11g\_Nss1,(6Mbps)\_1TX

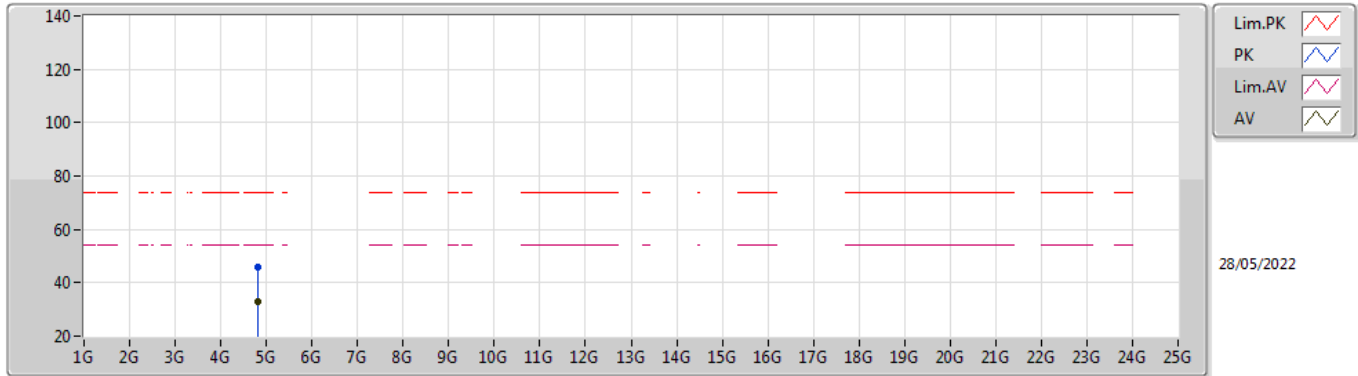
#### 2412MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	51.15	54.00	-2.85	35.56	3	Horizontal	152	1.08	-	15.59	27.28	8.28	-
AV	2.4104G	96.77	Inf	-Inf	35.64	3	Horizontal	152	1.08	-	61.13	27.34	8.30	-
PK	2.3898G	66.72	74.00	-7.28	35.56	3	Horizontal	152	1.08	-	31.16	27.28	8.28	-
PK	2.414G	107.36	Inf	-Inf	35.66	3	Horizontal	152	1.08	-	71.70	27.36	8.30	-

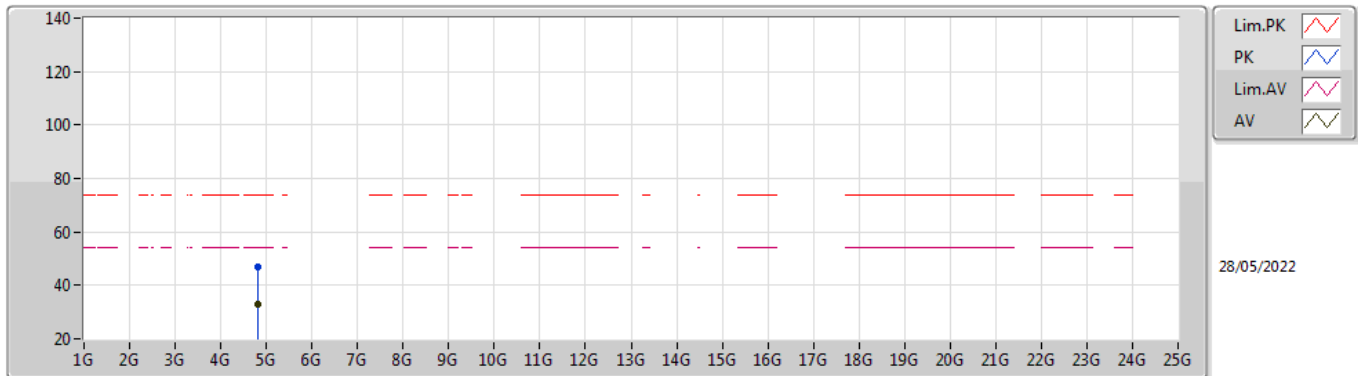


**802.11g\_Nss1,(6Mbps)\_1TX**  
**2412MHz\_TX**



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82348G	32.68	54.00	-21.32	8.05	3	Vertical	360	1.31	-	24.63	32.55	9.68	34.18
PK	4.8262G	45.75	74.00	-28.25	8.05	3	Vertical	360	1.31	-	37.70	32.55	9.68	34.18

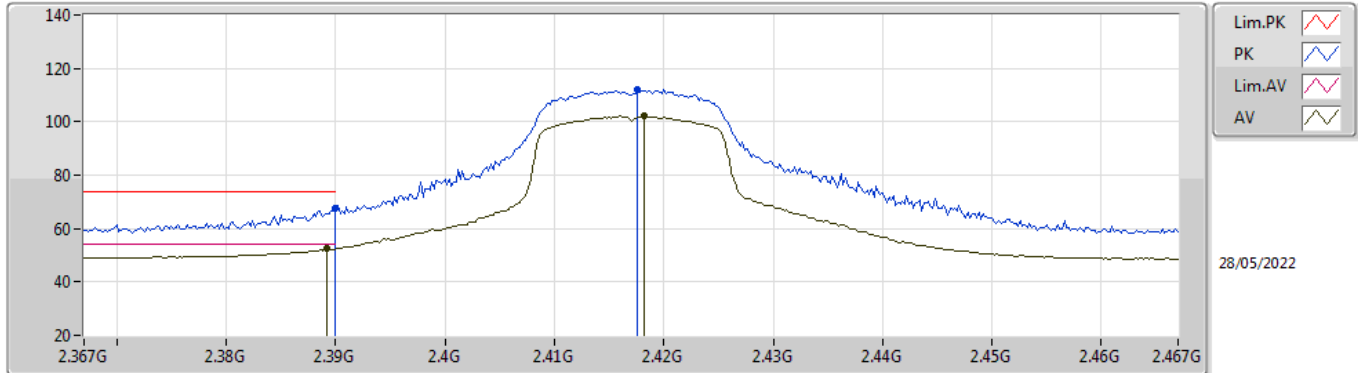
**802.11g\_Nss1,(6Mbps)\_1TX**  
**2412MHz\_TX**



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82384G	33.17	54.00	-20.83	8.05	3	Horizontal	160	1.40	-	25.12	32.55	9.68	34.18
PK	4.82348G	47.07	74.00	-26.93	8.05	3	Horizontal	160	1.40	-	39.02	32.55	9.68	34.18

### 802.11g\_Nss1,(6Mbps)\_1TX

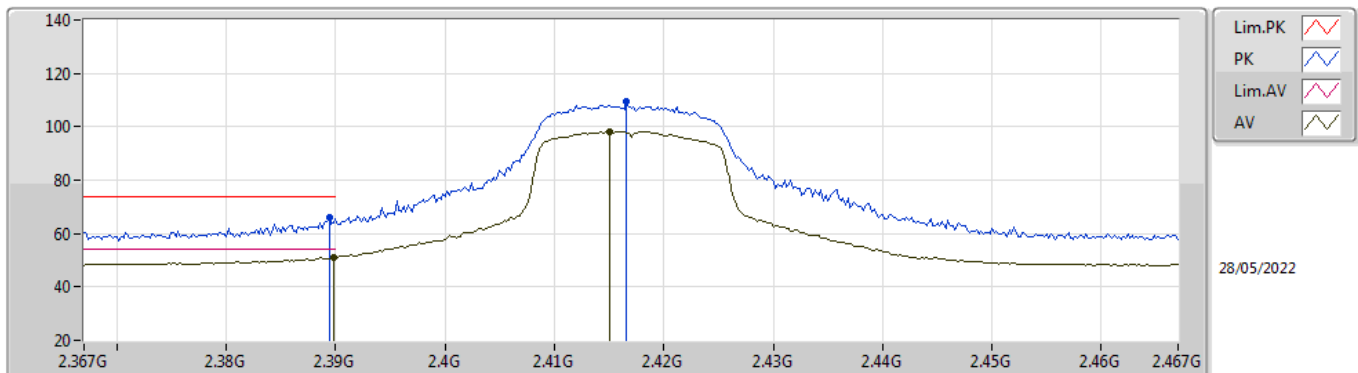
#### 2417MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3892G	52.64	54.00	-1.36	35.56	3	Vertical	64	2.37	-	17.08	27.28	8.28	-
AV	2.4182G	102.14	Inf	-Inf	35.67	3	Vertical	64	2.37	-	66.47	27.37	8.30	-
PK	2.39G	67.44	74.00	-6.56	35.56	3	Vertical	64	2.37	-	31.88	27.28	8.28	-
PK	2.4176G	111.83	Inf	-Inf	35.67	3	Vertical	64	2.37	-	76.16	27.37	8.30	-

### 802.11g\_Nss1,(6Mbps)\_1TX

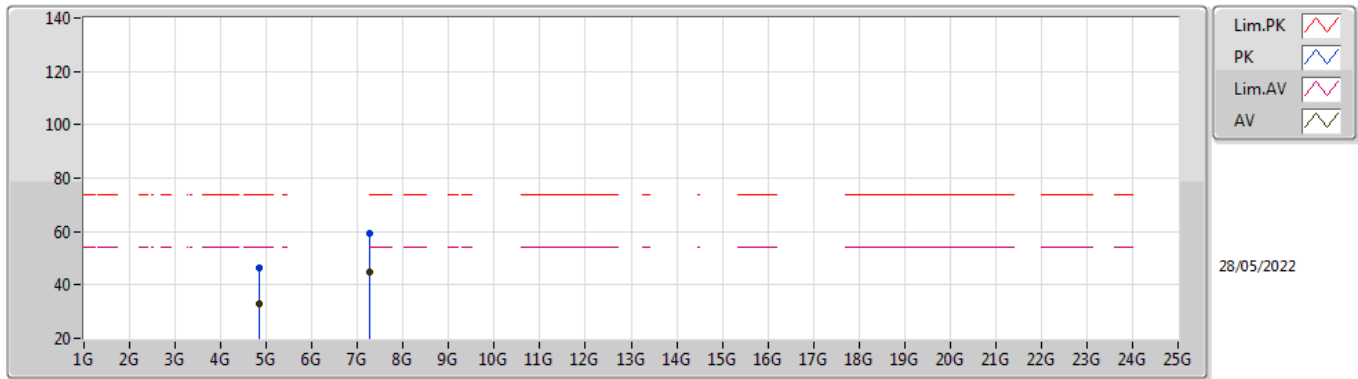
#### 2417MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	51.20	54.00	-2.80	35.56	3	Horizontal	152	1.10	-	15.64	27.28	8.28	-
AV	2.415G	98.19	Inf	-Inf	35.66	3	Horizontal	152	1.10	-	62.53	27.36	8.30	-
PK	2.3894G	65.86	74.00	-8.14	35.56	3	Horizontal	152	1.10	-	30.30	27.28	8.28	-
PK	2.4166G	109.34	Inf	-Inf	35.67	3	Horizontal	152	1.10	-	73.67	27.37	8.30	-

### 802.11g\_Nss1,(6Mbps)\_1TX

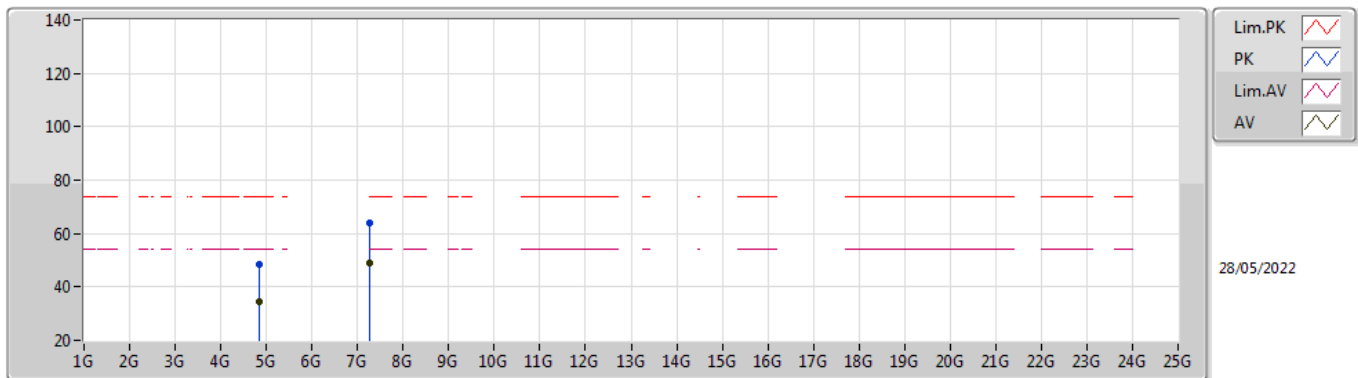
#### 2417MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.83276G	32.83	54.00	-21.17	8.07	3	Vertical	0	2.02	-	24.76	32.57	9.68	34.18
AV	7.2516G	45.03	54.00	-8.97	13.51	3	Vertical	93	2.40	-	31.52	36.70	11.31	34.50
PK	4.83352G	46.23	74.00	-27.77	8.07	3	Vertical	0	2.02	-	38.16	32.57	9.68	34.18
PK	7.25232G	59.40	74.00	-14.60	13.51	3	Vertical	93	2.40	-	45.89	36.70	11.31	34.50

### 802.11g\_Nss1,(6Mbps)\_1TX

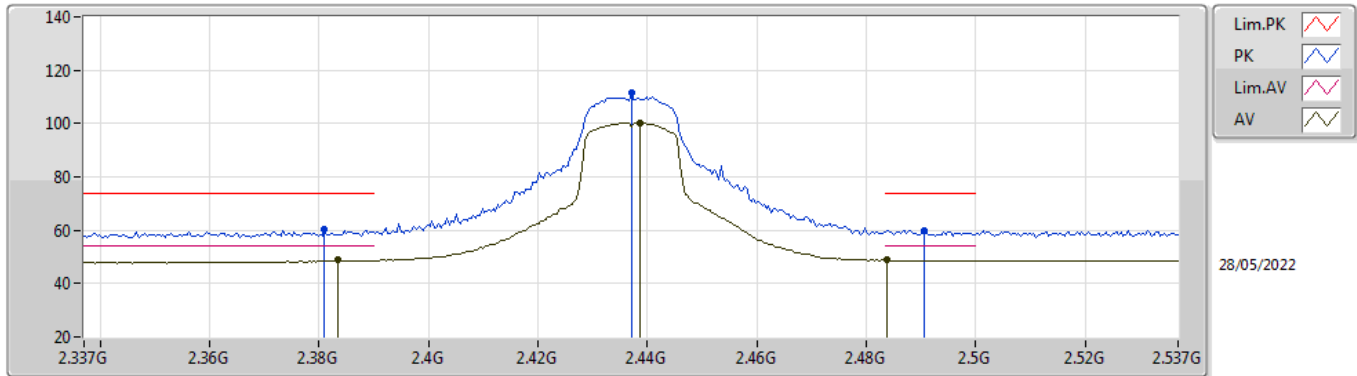
#### 2417MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.83304G	34.60	54.00	-19.40	8.07	3	Horizontal	208	1.89	-	26.53	32.57	9.68	34.18
AV	7.25092G	48.97	54.00	-5.03	13.51	3	Horizontal	194	1.61	-	35.46	36.70	11.31	34.50
PK	4.83128G	48.49	74.00	-25.51	8.06	3	Horizontal	208	1.89	-	40.43	32.56	9.68	34.18
PK	7.25596G	63.82	74.00	-10.18	13.50	3	Horizontal	194	1.61	-	50.32	36.69	11.31	34.50

### 802.11g\_Nss1,(6Mbps)\_1TX

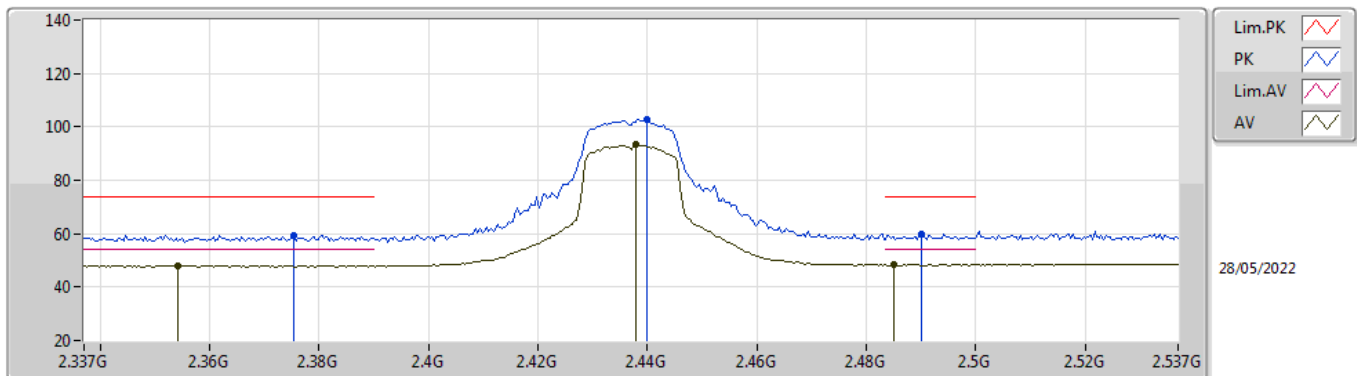
#### 2437MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3834G	48.71	54.00	-5.29	35.55	3	Vertical	64	2.16	-	13.16	27.27	8.28	-
AV	2.4386G	100.41	Inf	-Inf	35.77	3	Vertical	64	2.16	-	64.64	27.45	8.32	-
AV	2.4838G	48.83	54.00	-5.17	36.04	3	Vertical	64	2.16	-	12.79	27.70	8.34	-
PK	2.381G	60.42	74.00	-13.58	35.54	3	Vertical	64	2.16	-	24.88	27.26	8.28	-
PK	2.437G	111.37	Inf	-Inf	35.76	3	Vertical	64	2.16	-	75.61	27.45	8.31	-
PK	2.4906G	59.84	74.00	-14.16	36.09	3	Vertical	64	2.16	-	23.75	27.74	8.35	-

### 802.11g\_Nss1,(6Mbps)\_1TX

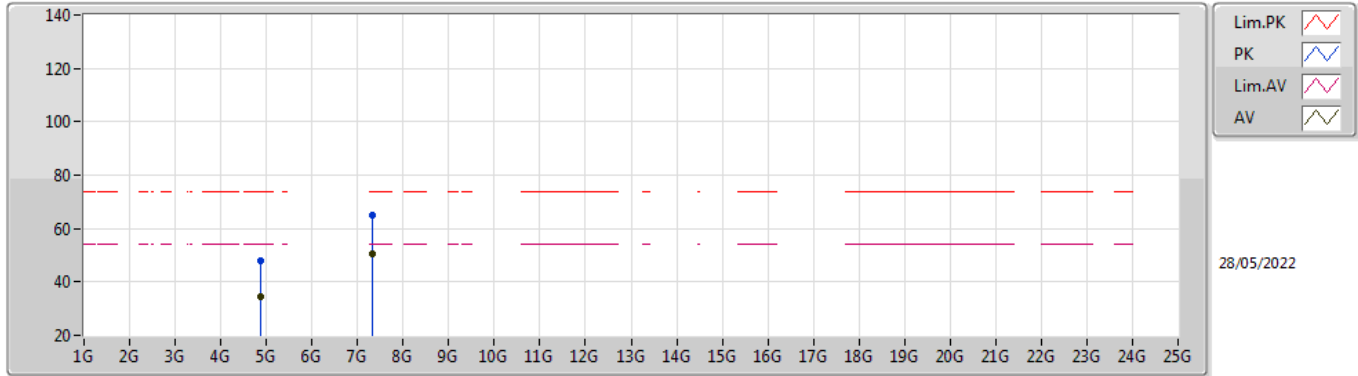
#### 2437MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3542G	47.94	54.00	-6.06	35.47	3	Horizontal	76	2.12	-	12.47	27.21	8.26	-
AV	2.4378G	93.32	Inf	-Inf	35.76	3	Horizontal	76	2.12	-	57.56	27.45	8.31	-
AV	2.485G	48.39	54.00	-5.61	36.06	3	Horizontal	76	2.12	-	12.33	27.71	8.35	-
PK	2.3754G	59.48	74.00	-14.52	35.52	3	Horizontal	76	2.12	-	23.96	27.25	8.27	-
PK	2.4398G	102.93	Inf	-Inf	35.78	3	Horizontal	76	2.12	-	67.15	27.46	8.32	-
PK	2.4902G	60.08	74.00	-13.92	36.09	3	Horizontal	76	2.12	-	23.99	27.74	8.35	-

### 802.11g\_Nss1,(6Mbps)\_1TX

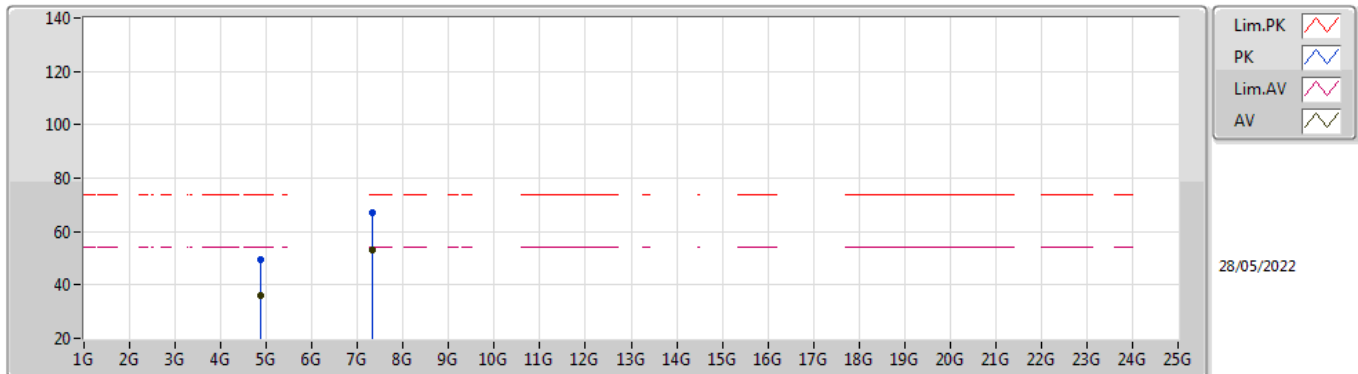
#### 2437MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87552G	34.57	54.00	-19.43	8.19	3	Vertical	0	1.81	-	26.38	32.65	9.70	34.16
AV	7.31236G	50.62	54.00	-3.38	13.44	3	Vertical	93	2.38	-	37.18	36.62	11.32	34.50
PK	4.87398G	47.91	74.00	-26.09	8.19	3	Vertical	0	1.81	-	39.72	32.65	9.70	34.16
PK	7.31184G	65.06	74.00	-8.94	13.44	3	Vertical	93	2.38	-	51.62	36.62	11.32	34.50

### 802.11g\_Nss1,(6Mbps)\_1TX

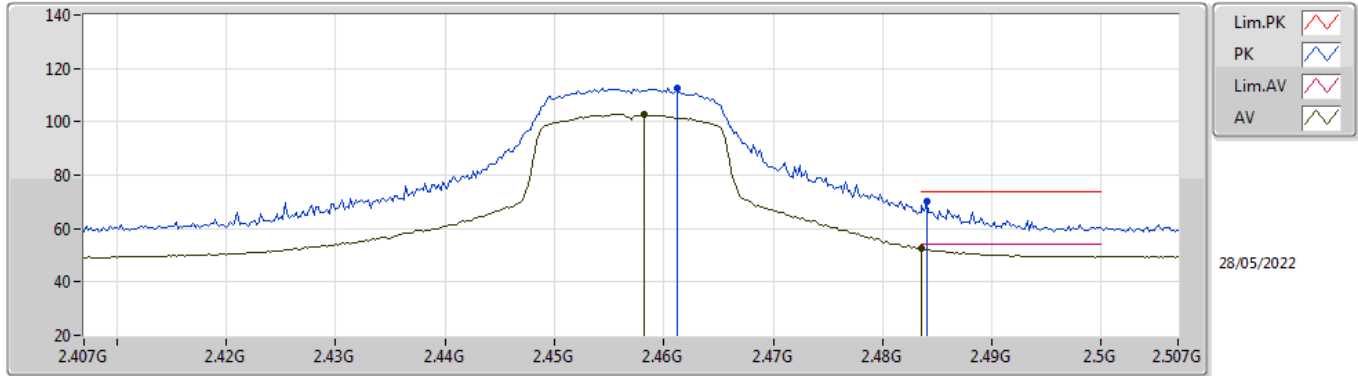
#### 2437MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8734G	35.84	54.00	-18.16	8.19	3	Horizontal	161	1.28	-	27.65	32.65	9.70	34.16
AV	7.31084G	52.87	54.00	-1.13	13.44	3	Horizontal	179	1.45	-	39.43	36.62	11.32	34.50
PK	4.87394G	49.42	74.00	-24.58	8.19	3	Horizontal	161	1.28	-	41.23	32.65	9.70	34.16
PK	7.3126G	67.01	74.00	-6.99	13.45	3	Horizontal	179	1.45	-	53.56	36.63	11.32	34.50

### 802.11g\_Nss1,(6Mbps)\_1TX

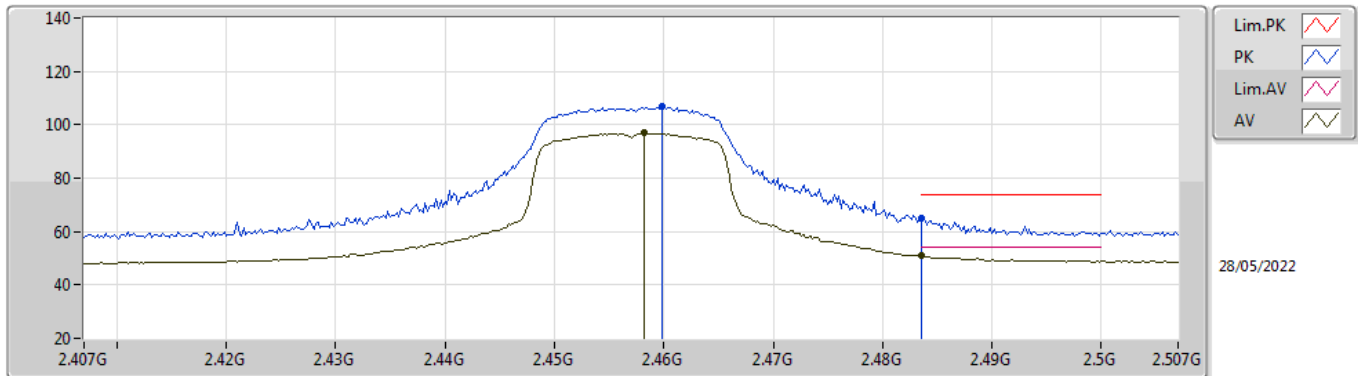
#### 2457MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4582G	102.78	Inf	-Inf	35.88	3	Vertical	65	2.12	-	66.90	27.55	8.33	-
AV	2.4835G	52.51	54.00	-1.49	36.04	3	Vertical	65	2.12	-	16.47	27.70	8.34	-
PK	2.4612G	112.63	Inf	-Inf	35.90	3	Vertical	65	2.12	-	76.73	27.57	8.33	-
PK	2.484G	70.12	74.00	-3.88	36.04	3	Vertical	65	2.12	-	34.08	27.70	8.34	-

### 802.11g\_Nss1,(6Mbps)\_1TX

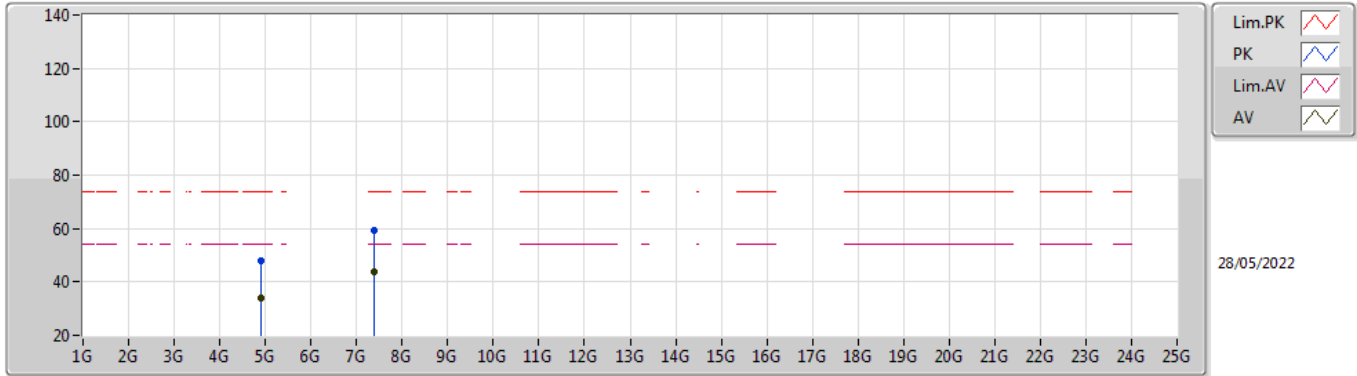
#### 2457MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4582G	96.92	Inf	-Inf	35.88	3	Horizontal	66	2.56	-	61.04	27.55	8.33	-
AV	2.4835G	50.91	54.00	-3.09	36.04	3	Horizontal	66	2.56	-	14.87	27.70	8.34	-
PK	2.4598G	106.95	Inf	-Inf	35.89	3	Horizontal	66	2.56	-	71.06	27.56	8.33	-
PK	2.4836G	65.20	74.00	-8.80	36.04	3	Horizontal	66	2.56	-	29.16	27.70	8.34	-

### 802.11g\_Nss1,(6Mbps)\_1TX

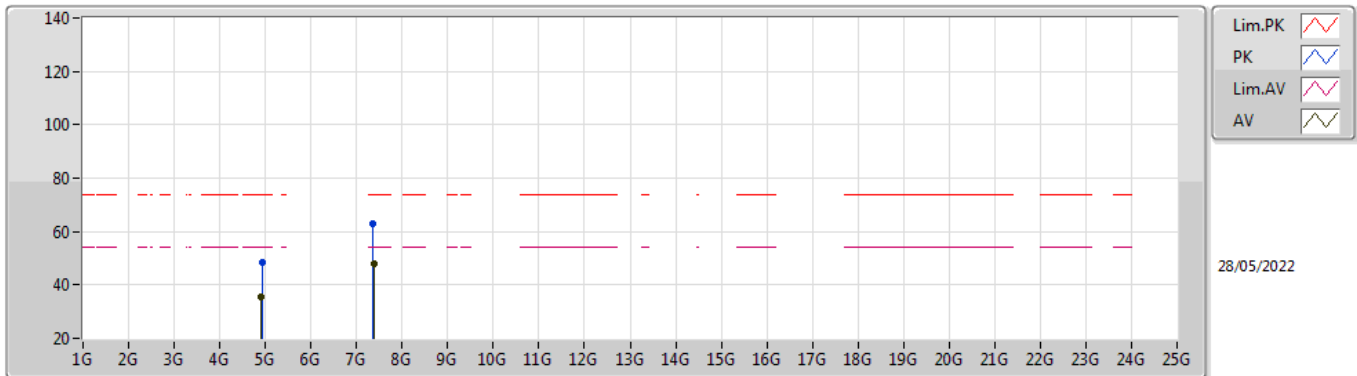
#### 2457MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.91396G	34.20	54.00	-19.80	8.34	3	Vertical	0	1.77	-	25.86	32.76	9.72	34.14
AV	7.37192G	43.94	54.00	-10.06	13.41	3	Vertical	92	2.35	-	30.53	36.57	11.33	34.49
PK	4.91088G	47.94	74.00	-26.06	8.31	3	Vertical	0	1.77	-	39.63	32.74	9.71	34.14
PK	7.37232G	59.49	74.00	-14.51	13.41	3	Vertical	92	2.35	-	46.08	36.57	11.33	34.49

### 802.11g\_Nss1,(6Mbps)\_1TX

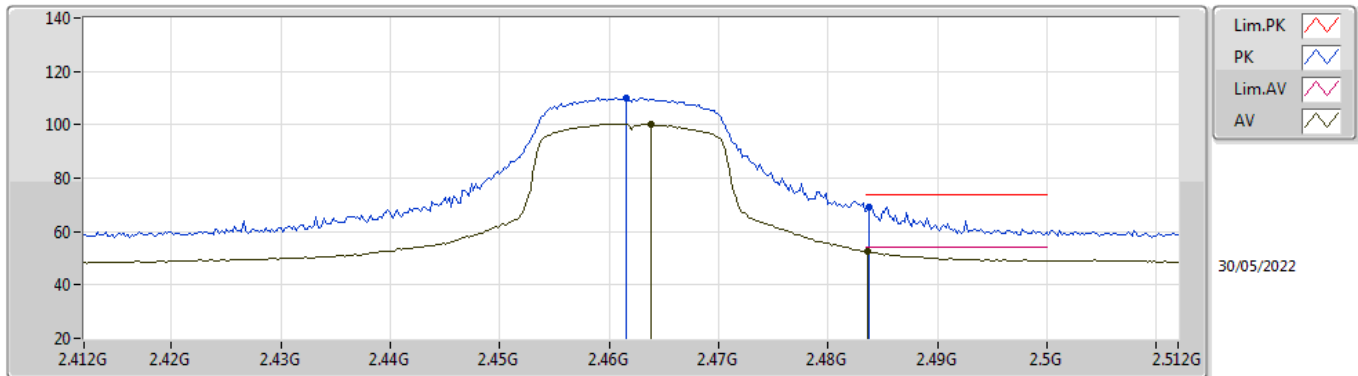
#### 2457MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.91492G	35.33	54.00	-18.67	8.34	3	Horizontal	160	1.34	-	26.99	32.76	9.72	34.14
AV	7.37176G	47.72	54.00	-6.28	13.41	3	Horizontal	193	1.62	-	34.31	36.57	11.33	34.49
PK	4.91972G	48.55	74.00	-25.45	8.36	3	Horizontal	160	1.34	-	40.19	32.78	9.72	34.14
PK	7.3652G	62.84	74.00	-11.16	13.45	3	Horizontal	193	1.62	-	49.39	36.61	11.33	34.49

### 802.11g\_Nss1,(6Mbps)\_1TX

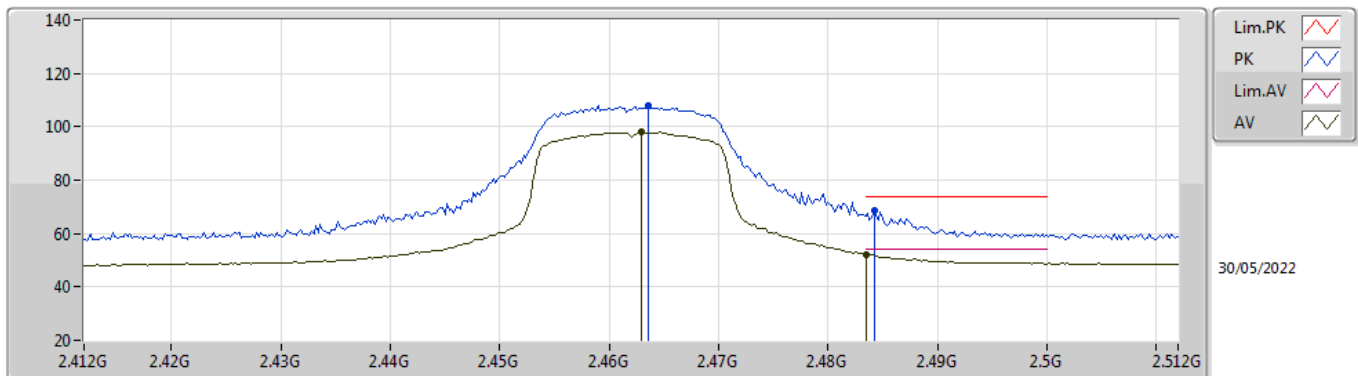
#### 2462MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4638G	100.41	Inf	-Inf	35.91	3	Vertical	106	1.64	-	64.50	27.58	8.33	-
AV	2.4836G	52.58	54.00	-1.42	36.04	3	Vertical	106	1.64	-	16.54	27.70	8.34	-
PK	2.4616G	110.07	Inf	-Inf	35.90	3	Vertical	106	1.64	-	74.17	27.57	8.33	-
PK	2.4838G	69.19	74.00	-4.81	36.04	3	Vertical	106	1.64	-	33.15	27.70	8.34	-

### 802.11g\_Nss1,(6Mbps)\_1TX

#### 2462MHz\_TX

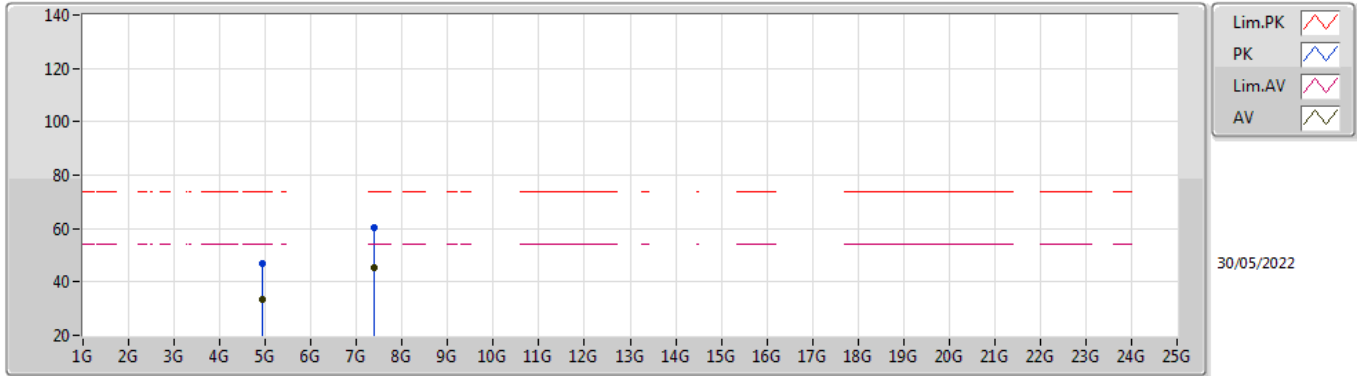


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.463G	98.01	Inf	-Inf	35.91	3	Horizontal	184	1.38	-	62.10	27.58	8.33	-
AV	2.4835G	52.15	54.00	-1.85	36.04	3	Horizontal	184	1.38	-	16.11	27.70	8.34	-
PK	2.4636G	107.89	Inf	-Inf	35.91	3	Horizontal	184	1.38	-	71.98	27.58	8.33	-
PK	2.4842G	68.80	74.00	-5.20	36.05	3	Horizontal	184	1.38	-	32.75	27.71	8.34	-



### 802.11g\_Nss1,(6Mbps)\_1TX

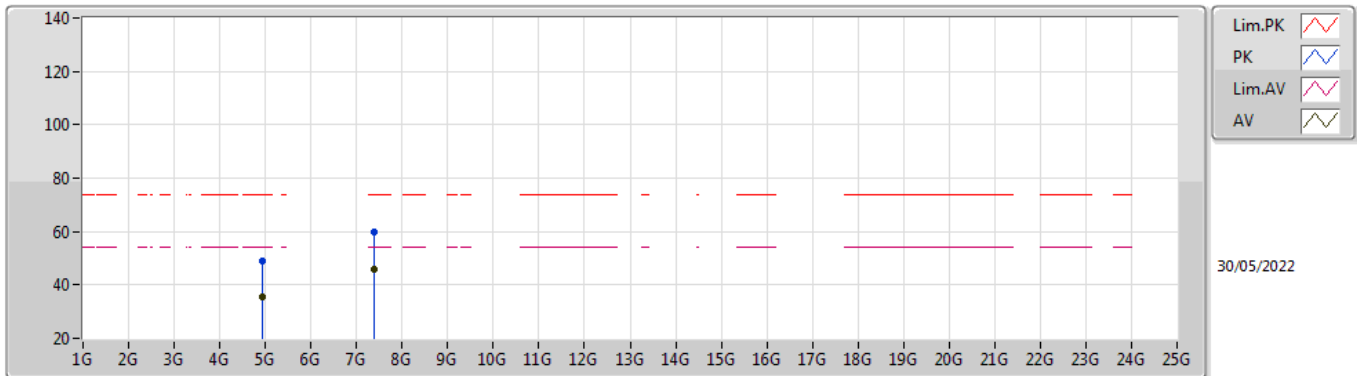
#### 2462MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92346G	33.55	54.00	-20.45	8.37	3	Vertical	346	1.44	-	25.18	32.79	9.72	34.14
AV	7.38476G	45.32	54.00	-8.68	13.34	3	Vertical	274	1.86	-	31.98	36.49	11.34	34.49
PK	4.9236G	46.73	74.00	-27.27	8.37	3	Vertical	346	1.44	-	38.36	32.79	9.72	34.14
PK	7.38764G	60.51	74.00	-13.49	13.32	3	Vertical	274	1.86	-	47.19	36.47	11.34	34.49

### 802.11g\_Nss1,(6Mbps)\_1TX

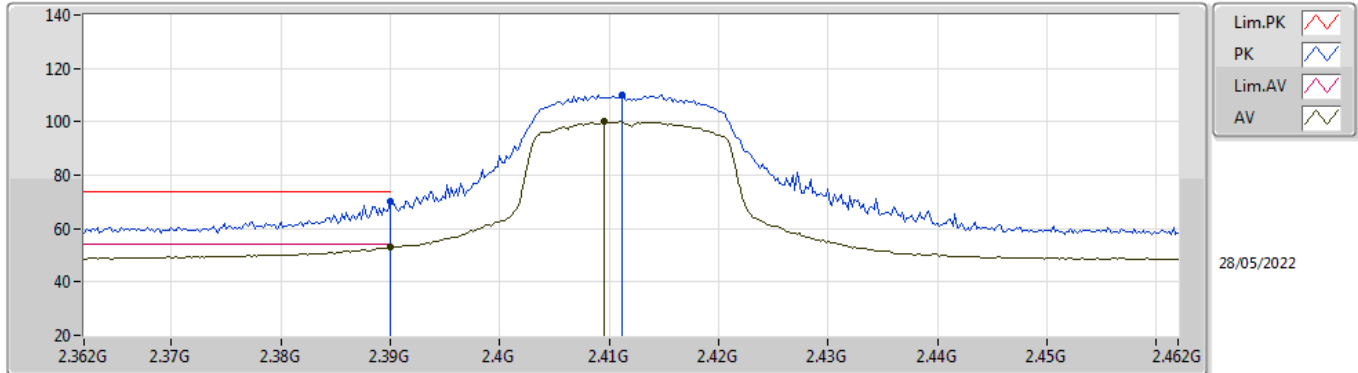
#### 2462MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92408G	35.47	54.00	-18.53	8.38	3	Horizontal	247	2.17	-	27.09	32.80	9.72	34.14
AV	7.38594G	45.67	54.00	-8.33	13.33	3	Horizontal	161	1.82	-	32.34	36.48	11.34	34.49
PK	4.91974G	49.10	74.00	-24.90	8.36	3	Horizontal	247	2.17	-	40.74	32.78	9.72	34.14
PK	7.38722G	59.98	74.00	-14.02	13.33	3	Horizontal	161	1.82	-	46.65	36.48	11.34	34.49

### 802.11n HT20\_Nss1,(MCS0)\_1TX

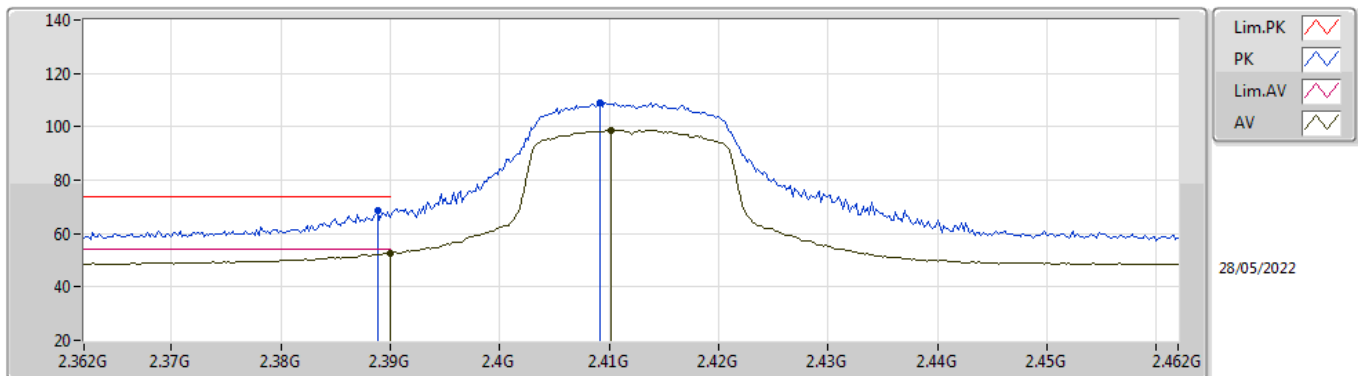
#### 2412MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	52.88	54.00	-1.12	35.56	3	Vertical	197	2.40	-	17.32	27.28	8.28	-
AV	2.4096G	99.94	Inf	-Inf	35.64	3	Vertical	197	2.40	-	64.30	27.34	8.30	-
PK	2.39G	69.97	74.00	-4.03	35.56	3	Vertical	197	2.40	-	34.41	27.28	8.28	-
PK	2.4112G	110.21	Inf	-Inf	35.64	3	Vertical	197	2.40	-	74.57	27.34	8.30	-

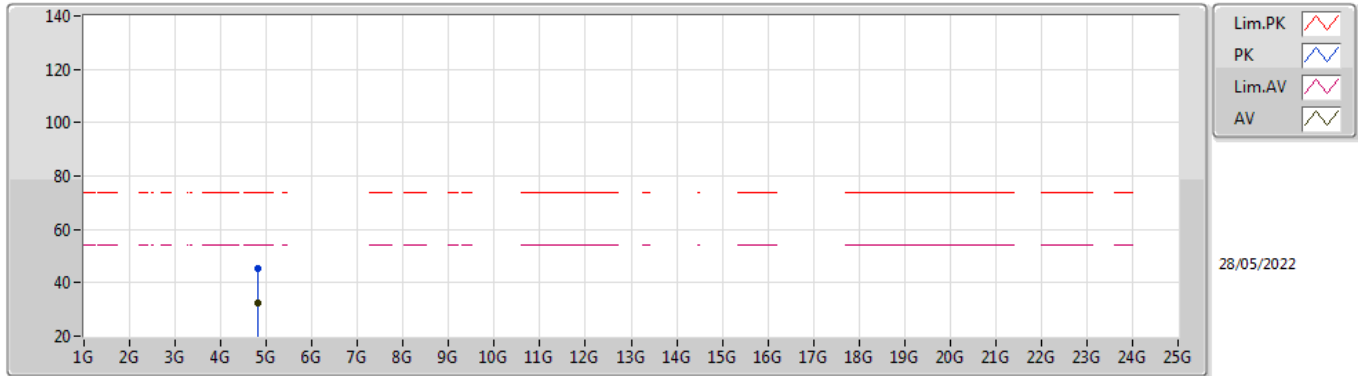
### 802.11n HT20\_Nss1,(MCS0)\_1TX

#### 2412MHz\_TX



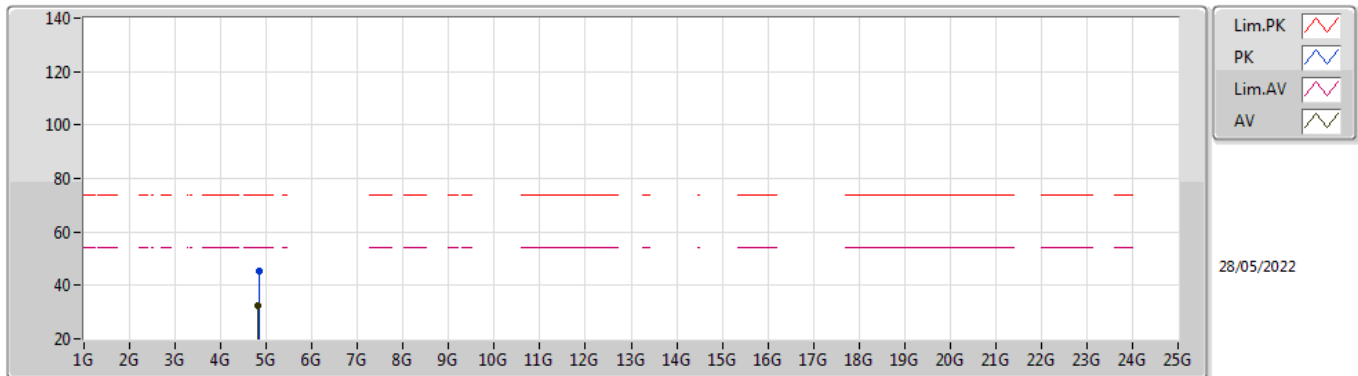
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	52.83	54.00	-1.17	35.56	3	Horizontal	148	2.10	-	17.27	27.28	8.28	-
AV	2.4102G	98.79	Inf	-Inf	35.64	3	Horizontal	148	2.10	-	63.15	27.34	8.30	-
PK	2.3888G	68.52	74.00	-5.48	35.56	3	Horizontal	148	2.10	-	32.96	27.28	8.28	-
PK	2.4092G	108.94	Inf	-Inf	35.64	3	Horizontal	148	2.10	-	73.30	27.34	8.30	-

**802.11n HT20\_Nss1,(MCS0)\_1TX**  
**2412MHz\_TX**



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82672G	32.23	54.00	-21.77	8.05	3	Vertical	360	1.30	-	24.18	32.55	9.68	34.18
PK	4.82848G	45.55	74.00	-28.45	8.06	3	Vertical	360	1.30	-	37.49	32.56	9.68	34.18

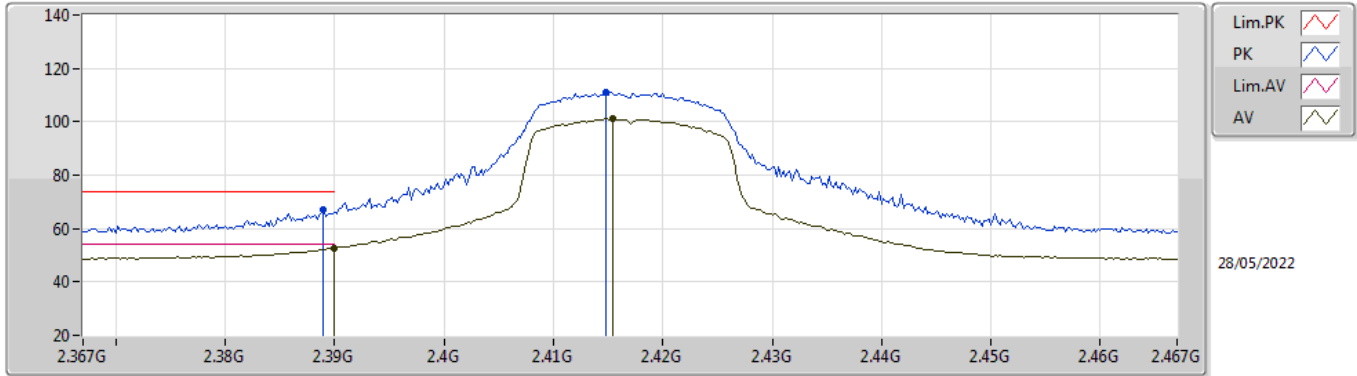
**802.11n HT20\_Nss1,(MCS0)\_1TX**  
**2412MHz\_TX**



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82356G	32.51	54.00	-21.49	8.05	3	Horizontal	156	1.06	-	24.46	32.55	9.68	34.18
PK	4.82936G	45.49	74.00	-28.51	8.06	3	Horizontal	156	1.06	-	37.43	32.56	9.68	34.18

802.11n HT20\_Nss1,(MCS0)\_1TX

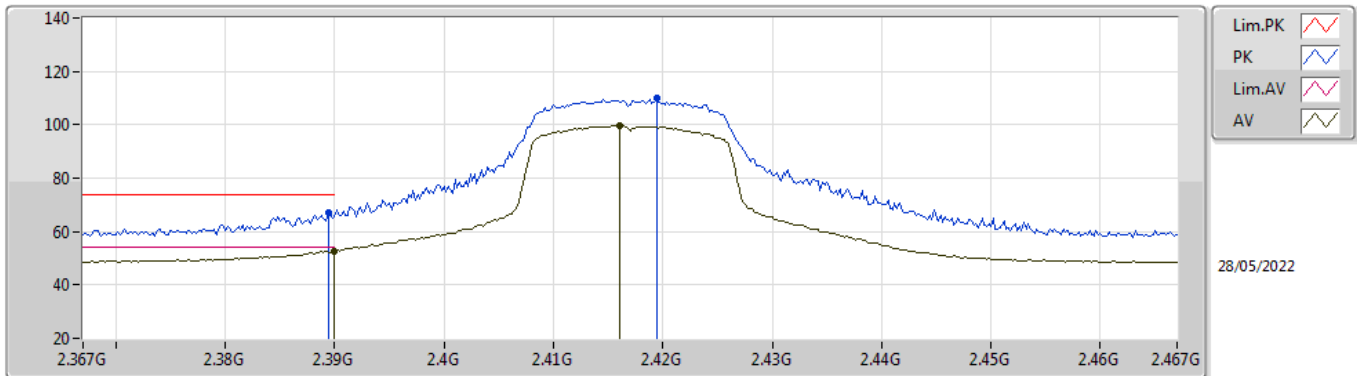
2417MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	52.68	54.00	-1.32	35.56	3	Vertical	197	2.36	-	17.12	27.28	8.28	-
AV	2.4154G	101.23	Inf	-Inf	35.66	3	Vertical	197	2.36	-	65.57	27.36	8.30	-
PK	2.389G	67.05	74.00	-6.95	35.56	3	Vertical	197	2.36	-	31.49	27.28	8.28	-
PK	2.4148G	110.92	Inf	-Inf	35.66	3	Vertical	197	2.36	-	75.26	27.36	8.30	-

802.11n HT20\_Nss1,(MCS0)\_1TX

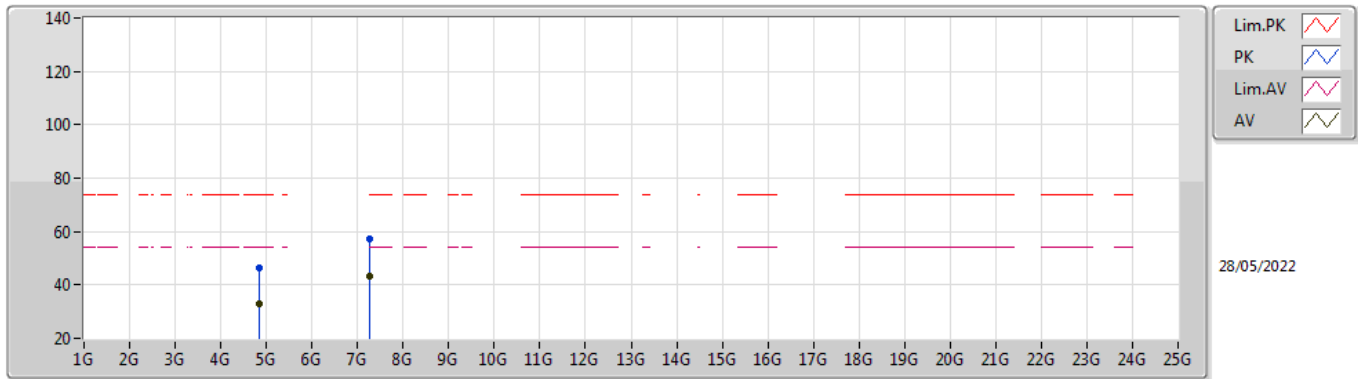
2417MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	52.68	54.00	-1.32	35.56	3	Horizontal	147	2.10	-	17.12	27.28	8.28	-
AV	2.416G	99.53	Inf	-Inf	35.66	3	Horizontal	147	2.10	-	63.87	27.36	8.30	-
PK	2.3894G	67.32	74.00	-6.68	35.56	3	Horizontal	147	2.10	-	31.76	27.28	8.28	-
PK	2.4194G	109.92	Inf	-Inf	35.68	3	Horizontal	147	2.10	-	74.24	27.38	8.30	-

802.11n HT20\_Nss1,(MCS0)\_1TX

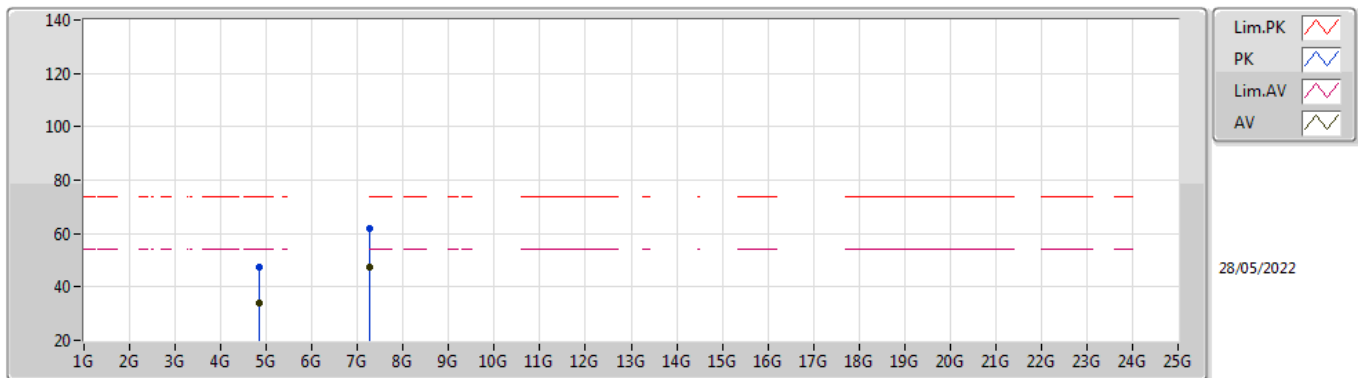
2417MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.83608G	32.96	54.00	-21.04	8.07	3	Vertical	350	1.47	-	24.89	32.57	9.68	34.18
AV	7.25012G	43.52	54.00	-10.48	13.51	3	Vertical	339	1.74	-	30.01	36.70	11.31	34.50
PK	4.83608G	46.27	74.00	-27.73	8.07	3	Vertical	350	1.47	-	38.20	32.57	9.68	34.18
PK	7.25228G	57.45	74.00	-16.55	13.51	3	Vertical	339	1.74	-	43.94	36.70	11.31	34.50

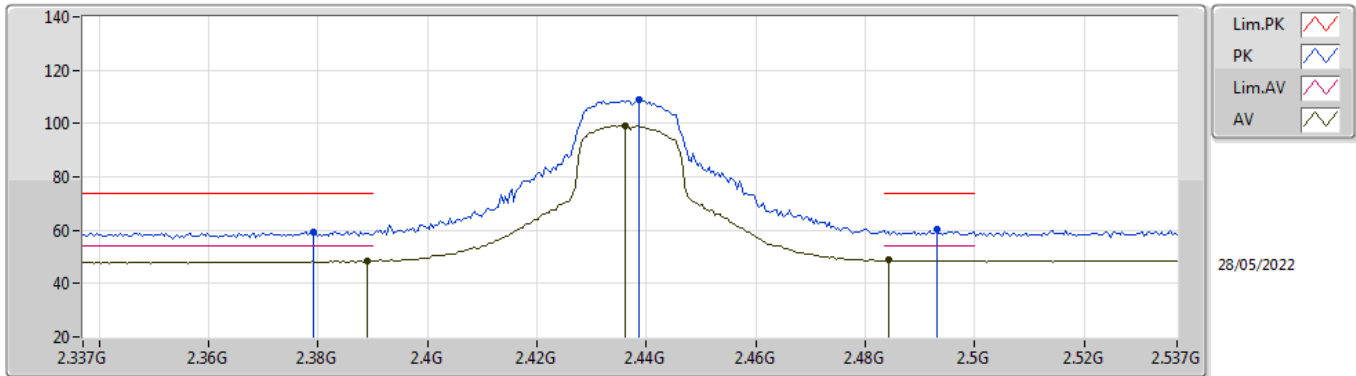
802.11n HT20\_Nss1,(MCS0)\_1TX

2417MHz\_TX



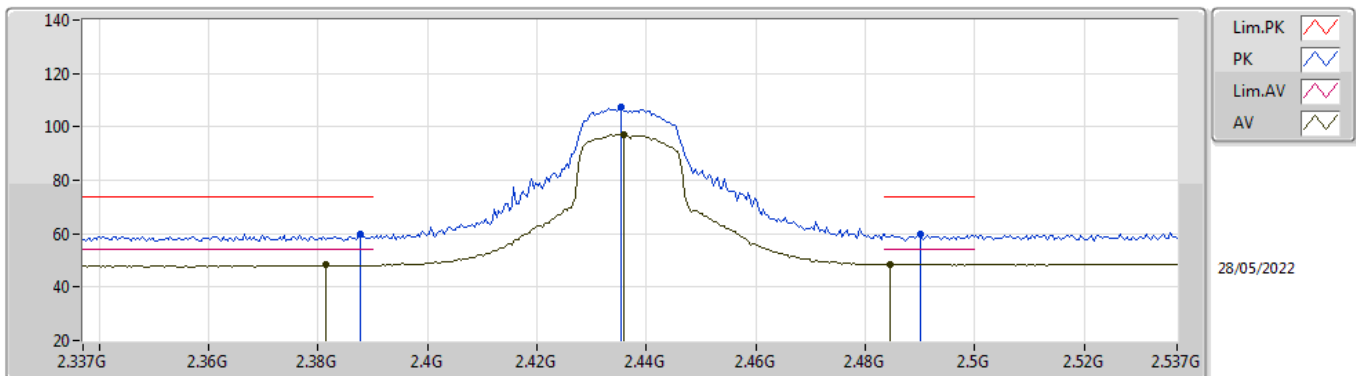
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.83276G	33.85	54.00	-20.15	8.07	3	Horizontal	229	2.19	-	25.78	32.57	9.68	34.18
AV	7.25104G	47.40	54.00	-6.60	13.51	3	Horizontal	177	1.28	-	33.89	36.70	11.31	34.50
PK	4.84092G	47.31	74.00	-26.69	8.09	3	Horizontal	229	2.19	-	39.22	32.58	9.69	34.18
PK	7.2556G	62.02	74.00	-11.98	13.50	3	Horizontal	177	1.28	-	48.52	36.69	11.31	34.50

**802.11n HT20\_Nss1,(MCS0)\_1TX**  
**2437MHz\_TX**



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.389G	48.49	54.00	-5.51	35.56	3	Vertical	196	2.16	-	12.93	27.28	8.28	-
AV	2.4362G	99.24	Inf	-Inf	35.75	3	Vertical	196	2.16	-	63.49	27.44	8.31	-
AV	2.4842G	48.80	54.00	-5.20	36.05	3	Vertical	196	2.16	-	12.75	27.71	8.34	-
PK	2.379G	59.33	74.00	-14.67	35.53	3	Vertical	196	2.16	-	23.80	27.26	8.27	-
PK	2.4386G	109.03	Inf	-Inf	35.77	3	Vertical	196	2.16	-	73.26	27.45	8.32	-
PK	2.493G	60.26	74.00	-13.74	36.11	3	Vertical	196	2.16	-	24.15	27.76	8.35	-

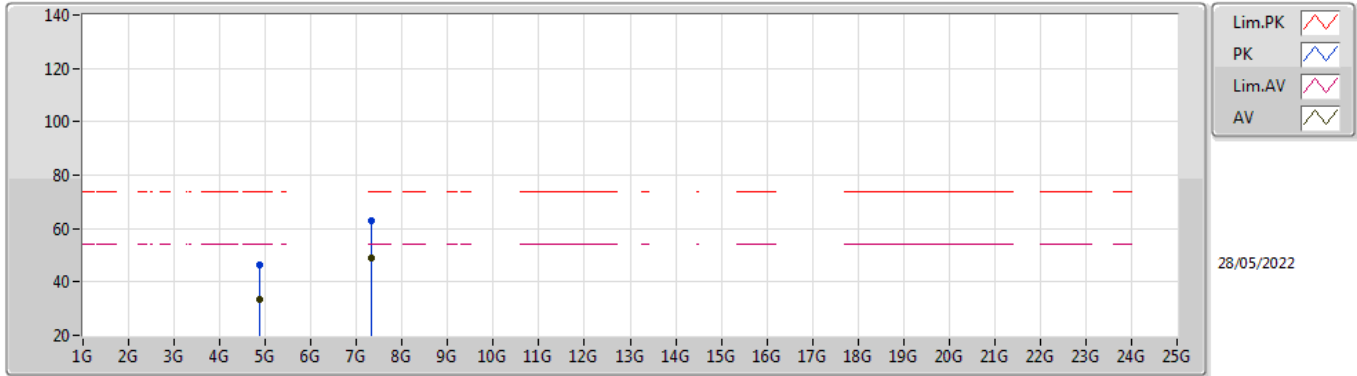
**802.11n HT20\_Nss1,(MCS0)\_1TX**  
**2437MHz\_TX**



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3814G	48.28	54.00	-5.72	35.54	3	Horizontal	150	2.29	-	12.74	27.26	8.28	-
AV	2.4358G	97.32	Inf	-Inf	35.75	3	Horizontal	150	2.29	-	61.57	27.44	8.31	-
AV	2.4846G	48.49	54.00	-5.51	36.05	3	Horizontal	150	2.29	-	12.44	27.71	8.34	-
PK	2.3878G	59.69	74.00	-14.31	35.56	3	Horizontal	150	2.29	-	24.13	27.28	8.28	-
PK	2.4354G	107.24	Inf	-Inf	35.75	3	Horizontal	150	2.29	-	71.49	27.44	8.31	-
PK	2.4902G	59.93	74.00	-14.07	36.09	3	Horizontal	150	2.29	-	23.84	27.74	8.35	-

802.11n HT20\_Nss1,(MCS0)\_1TX

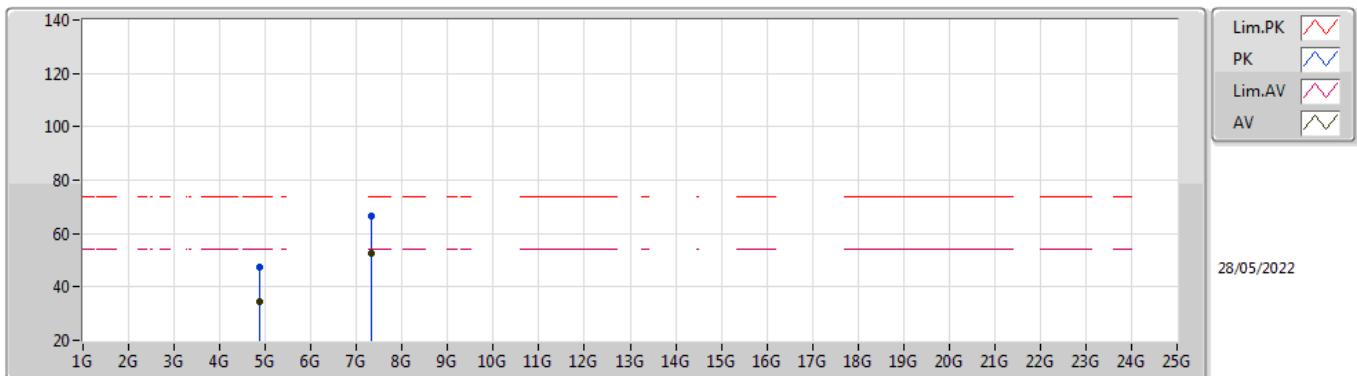
2437MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87348G	33.64	54.00	-20.36	8.19	3	Vertical	345	1.50	-	25.45	32.65	9.70	34.16
AV	7.3142G	49.22	54.00	-4.78	13.45	3	Vertical	279	1.80	-	35.77	36.63	11.32	34.50
PK	4.87884G	46.45	74.00	-27.55	8.20	3	Vertical	345	1.50	-	38.25	32.66	9.70	34.16
PK	7.3142G	62.89	74.00	-11.11	13.45	3	Vertical	279	1.80	-	49.44	36.63	11.32	34.50

802.11n HT20\_Nss1,(MCS0)\_1TX

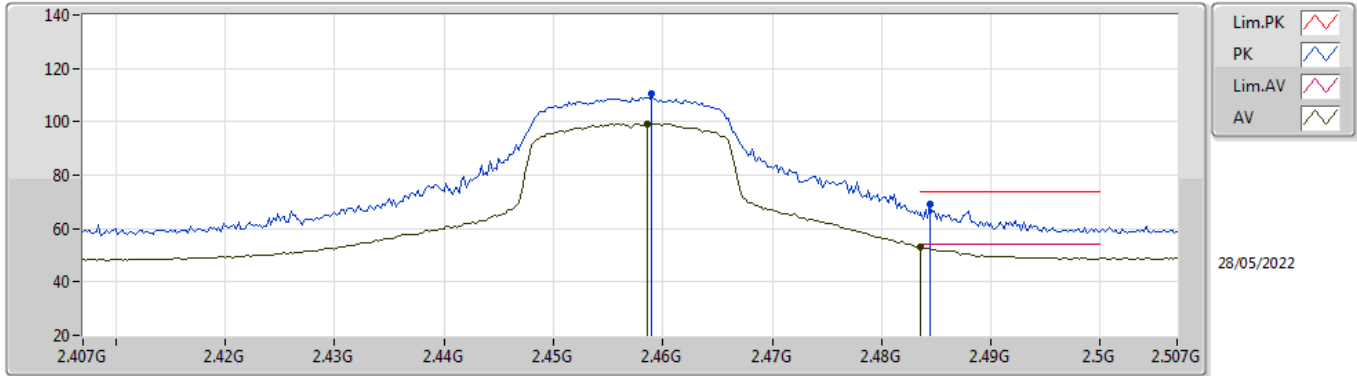
2437MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87264G	34.65	54.00	-19.35	8.19	3	Horizontal	159	1.92	-	26.46	32.65	9.70	34.16
AV	7.31168G	52.52	54.00	-1.48	13.44	3	Horizontal	175	1.74	-	39.08	36.62	11.32	34.50
PK	4.87444G	47.64	74.00	-26.36	8.19	3	Horizontal	159	1.92	-	39.45	32.65	9.70	34.16
PK	7.31044G	66.49	74.00	-7.51	13.44	3	Horizontal	175	1.74	-	53.05	36.62	11.32	34.50

802.11n HT20\_Nss1,(MCS0)\_1TX

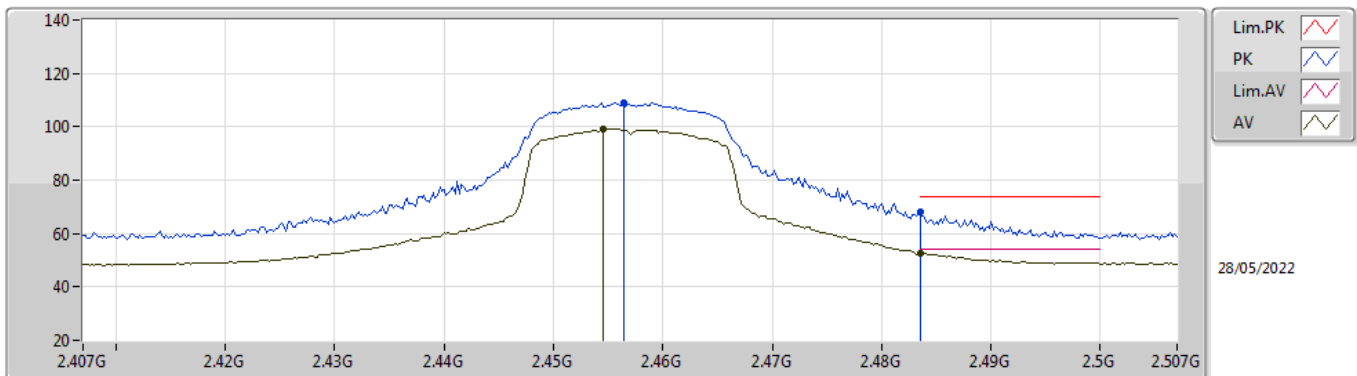
2457MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4586G	99.39	Inf	-Inf	35.88	3	Vertical	196	1.88	-	63.51	27.55	8.33	-
AV	2.4835G	52.89	54.00	-1.11	36.04	3	Vertical	196	1.88	-	16.85	27.70	8.34	-
PK	2.459G	110.64	Inf	-Inf	35.88	3	Vertical	196	1.88	-	74.76	27.55	8.33	-
PK	2.4844G	69.23	74.00	-4.77	36.05	3	Vertical	196	1.88	-	33.18	27.71	8.34	-

802.11n HT20\_Nss1,(MCS0)\_1TX

2457MHz\_TX

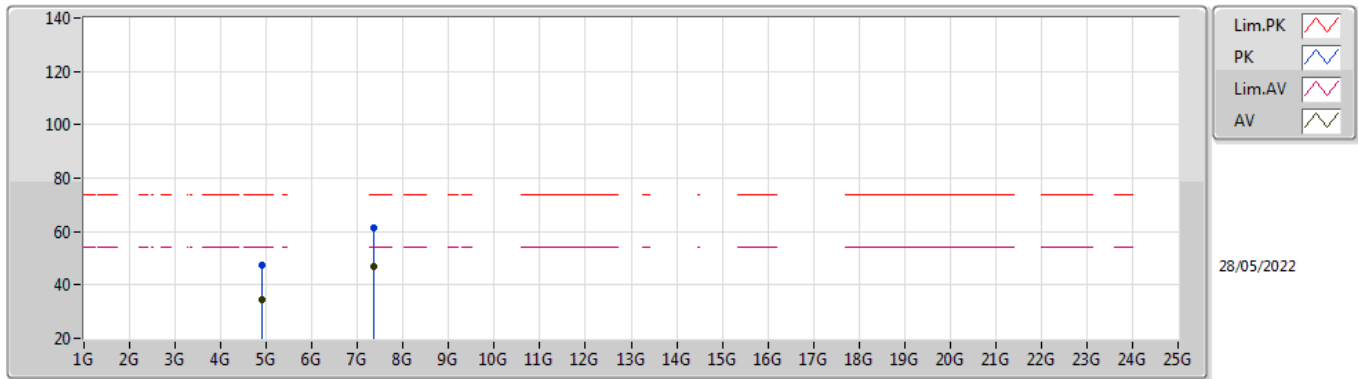


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4546G	99.19	Inf	-Inf	35.86	3	Horizontal	148	1.87	-	63.33	27.53	8.33	-
AV	2.4835G	52.73	54.00	-1.27	36.04	3	Horizontal	148	1.87	-	16.69	27.70	8.34	-
PK	2.4564G	109.19	Inf	-Inf	35.87	3	Horizontal	148	1.87	-	73.32	27.54	8.33	-
PK	2.4835G	67.95	74.00	-6.05	36.04	3	Horizontal	148	1.87	-	31.91	27.70	8.34	-



802.11n HT20\_Nss1,(MCS0)\_1TX

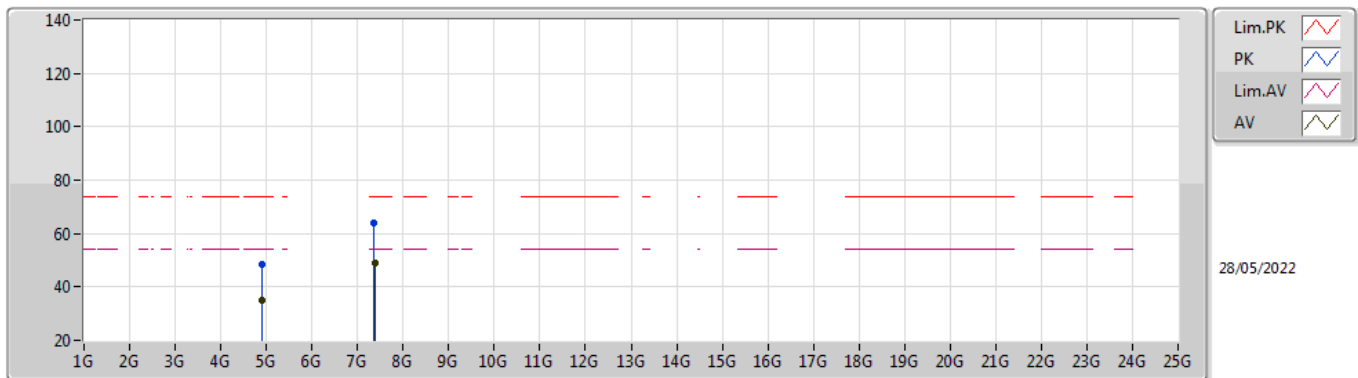
2457MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.91404G	34.36	54.00	-19.64	8.34	3	Vertical	0	1.49	-	26.02	32.76	9.72	34.14
AV	7.36772G	46.83	54.00	-7.17	13.43	3	Vertical	290	1.82	-	33.40	36.59	11.33	34.49
PK	4.91316G	47.26	74.00	-26.74	8.33	3	Vertical	0	1.49	-	38.93	32.75	9.72	34.14
PK	7.37016G	61.20	74.00	-12.80	13.42	3	Vertical	290	1.82	-	47.78	36.58	11.33	34.49

802.11n HT20\_Nss1,(MCS0)\_1TX

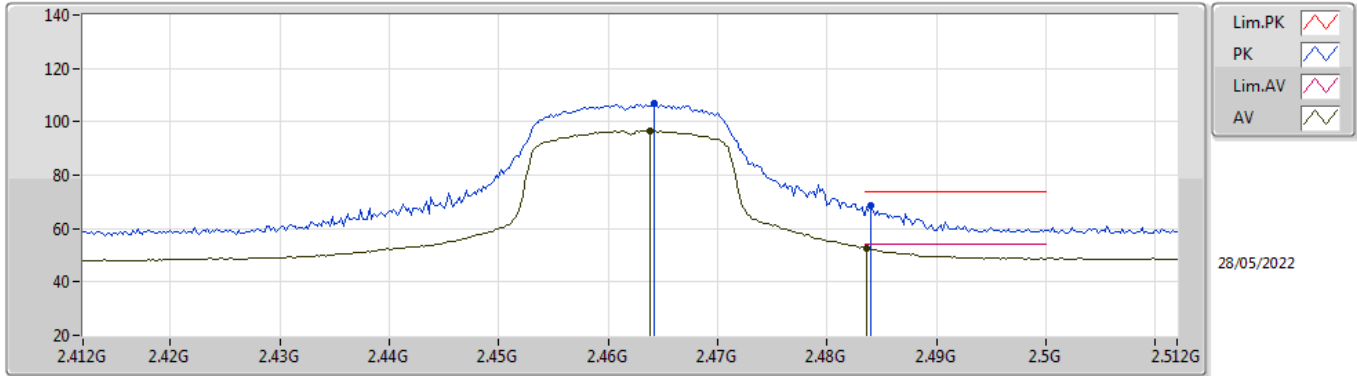
2457MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.91172G	35.15	54.00	-18.85	8.32	3	Horizontal	161	1.41	-	26.83	32.75	9.71	34.14
AV	7.371G	49.08	54.00	-4.92	13.41	3	Horizontal	174	1.89	-	35.67	36.57	11.33	34.49
PK	4.91488G	48.68	74.00	-25.32	8.34	3	Horizontal	161	1.41	-	40.34	32.76	9.72	34.14
PK	7.36292G	63.97	74.00	-10.03	13.46	3	Horizontal	174	1.89	-	50.51	36.62	11.33	34.49

802.11n HT20\_Nss1,(MCS0)\_1TX

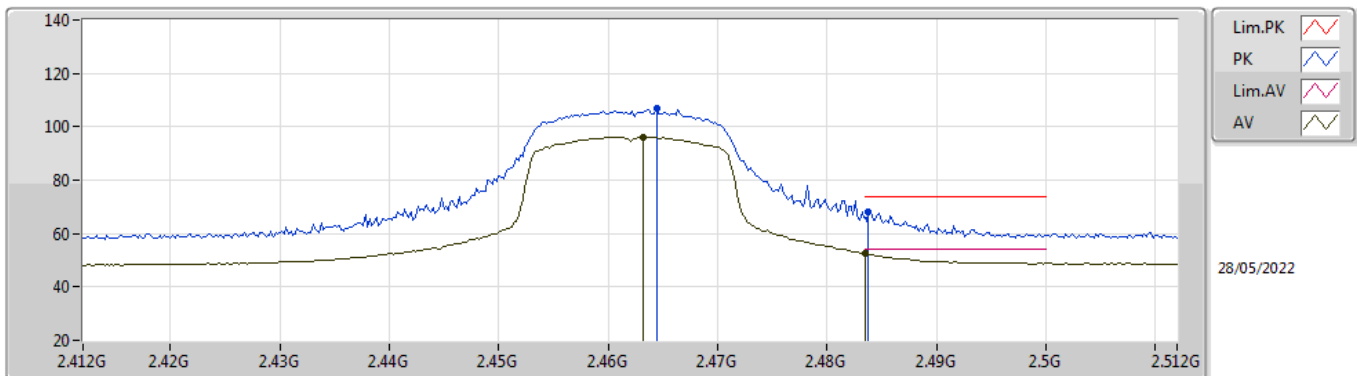
2462MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4638G	96.69	Inf	-Inf	35.91	3	Vertical	196	1.87	-	60.78	27.58	8.33	-
AV	2.4836G	52.53	54.00	-1.47	36.04	3	Vertical	196	1.87	-	16.49	27.70	8.34	-
PK	2.4642G	106.87	Inf	-Inf	35.92	3	Vertical	196	1.87	-	70.95	27.59	8.33	-
PK	2.484G	68.69	74.00	-5.31	36.04	3	Vertical	196	1.87	-	32.65	27.70	8.34	-

802.11n HT20\_Nss1,(MCS0)\_1TX

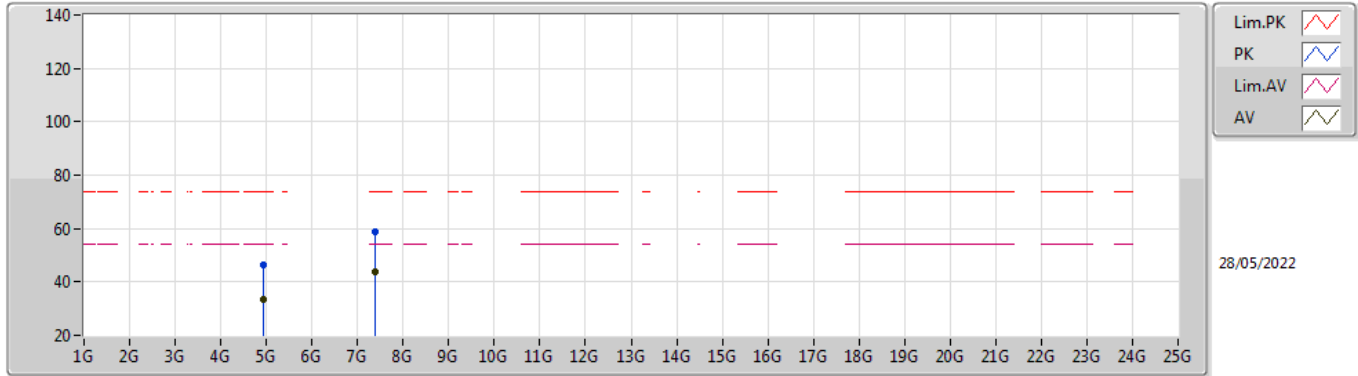
2462MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4632G	96.20	Inf	-Inf	35.91	3	Horizontal	147	2.02	-	60.29	27.58	8.33	-
AV	2.4835G	52.78	54.00	-1.22	36.04	3	Horizontal	147	2.02	-	16.74	27.70	8.34	-
PK	2.4644G	106.97	Inf	-Inf	35.92	3	Horizontal	147	2.02	-	71.05	27.59	8.33	-
PK	2.4838G	68.18	74.00	-5.82	36.04	3	Horizontal	147	2.02	-	32.14	27.70	8.34	-

802.11n HT20\_Nss1,(MCS0)\_1TX

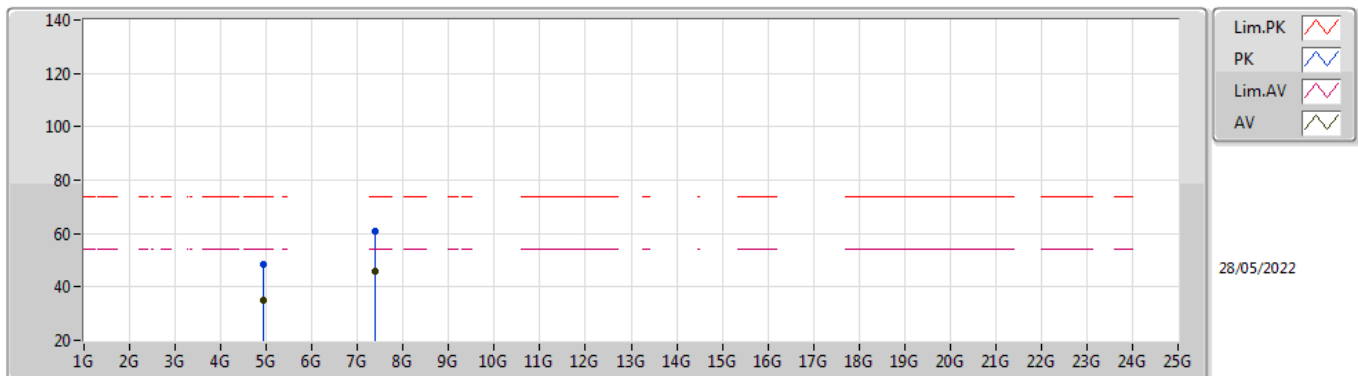
2462MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.925G	33.42	54.00	-20.58	8.38	3	Vertical	352	1.50	-	25.04	32.80	9.72	34.14
AV	7.38452G	43.91	54.00	-10.09	13.34	3	Vertical	262	1.87	-	30.57	36.49	11.34	34.49
PK	4.9206G	46.26	74.00	-27.74	8.36	3	Vertical	352	1.50	-	37.90	32.78	9.72	34.14
PK	7.38536G	58.90	74.00	-15.10	13.34	3	Vertical	262	1.87	-	45.56	36.49	11.34	34.49

802.11n HT20\_Nss1,(MCS0)\_1TX

2462MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92264G	34.79	54.00	-19.21	8.37	3	Horizontal	165	1.34	-	26.42	32.79	9.72	34.14
AV	7.38948G	45.94	54.00	-8.06	13.31	3	Horizontal	176	1.26	-	32.63	36.46	11.34	34.49
PK	4.92392G	48.43	74.00	-25.57	8.38	3	Horizontal	165	1.34	-	40.05	32.80	9.72	34.14
PK	7.39232G	60.91	74.00	-13.09	13.30	3	Horizontal	176	1.26	-	47.61	36.45	11.34	34.49



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	-	-	-	-	-	-	-	-	-	-	-
802.11n HT20_Nss1,(MCS0)_1TX	Pass	PK	55.22M	28.75	40.00	-11.25	3	Vertical	0	1.00	-

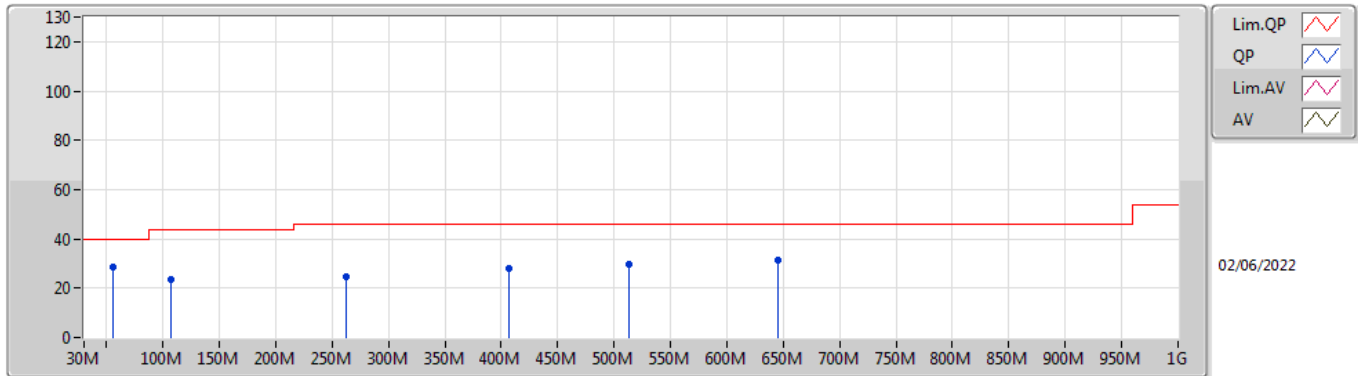


Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11n HT20_Nss1 (MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	55.22M	28.75	40.00	-11.25	3	Vertical	0	1.00	-
2437MHz	Pass	PK	107.6M	23.56	43.50	-19.94	3	Vertical	0	1.00	-
2437MHz	Pass	PK	262.8M	24.53	46.00	-21.47	3	Vertical	0	1.00	-
2437MHz	Pass	PK	406.36M	27.95	46.00	-18.05	3	Vertical	0	1.00	-
2437MHz	Pass	PK	513.06M	29.97	46.00	-16.03	3	Vertical	0	1.00	-
2437MHz	Pass	PK	644.98M	31.41	46.00	-14.59	3	Vertical	0	1.00	-
2437MHz	Pass	PK	33.88M	28.47	40.00	-11.53	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	105.66M	26.70	43.50	-16.80	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	216M	25.28	43.50	-18.22	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	260.86M	26.24	46.00	-19.76	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	423.82M	28.05	46.00	-17.95	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	635.28M	31.59	46.00	-14.41	3	Horizontal	0	1.00	-

### 802.11n HT20\_Nss1,(MCS0)\_1TX

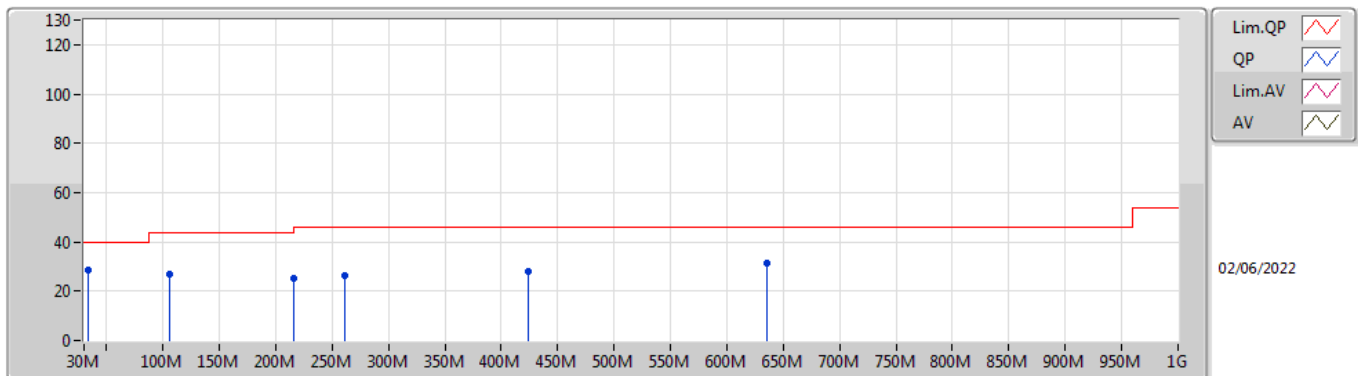
#### 2437MHz\_USB



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	55.22M	28.75	40.00	-11.25	-14.64	3	Vertical	0	1.00	-	43.39	12.01	1.08	27.73
PK	107.6M	23.56	43.50	-19.94	-9.36	3	Vertical	0	1.00	-	32.92	16.95	1.47	27.78
PK	262.8M	24.53	46.00	-21.47	-6.04	3	Vertical	0	1.00	-	30.57	18.67	2.32	27.03
PK	406.36M	27.95	46.00	-18.05	-3.57	3	Vertical	0	1.00	-	31.52	21.34	2.91	27.82
PK	513.06M	29.97	46.00	-16.03	-2.35	3	Vertical	0	1.00	-	32.32	22.65	3.34	28.34
PK	644.98M	31.41	46.00	-14.59	-0.29	3	Vertical	0	1.00	-	31.70	24.24	3.69	28.22

### 802.11n HT20\_Nss1,(MCS0)\_1TX

#### 2437MHz\_USB



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	33.88M	28.47	40.00	-11.53	-4.98	3	Horizontal	0	1.00	-	33.45	21.11	1.02	27.11
PK	105.66M	26.70	43.50	-16.80	-9.56	3	Horizontal	0	1.00	-	36.26	16.77	1.45	27.78
PK	216M	25.28	43.50	-18.22	-10.95	3	Horizontal	0	1.00	-	36.23	14.17	2.10	27.22
PK	260.86M	26.24	46.00	-19.76	-5.97	3	Horizontal	0	1.00	-	32.21	18.75	2.31	27.03
PK	423.82M	28.05	46.00	-17.95	-3.13	3	Horizontal	0	1.00	-	31.18	21.81	2.98	27.92
PK	635.28M	31.59	46.00	-14.41	-0.30	3	Horizontal	0	1.00	-	31.89	24.30	3.67	28.27



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	AV	2.489G	52.79	54.00	-1.21	3	Vertical	75	1.98	-
802.11g_Nss1,(6Mbps)_1TX	Pass	AV	2.3898G	52.78	54.00	-1.22	3	Vertical	222	1.50	-
802.11n_HT20_Nss1,(MCS0)_1TX	Pass	AV	2.4835G	52.95	54.00	-1.05	3	Vertical	272	1.46	-



Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.386G	51.91	54.00	-2.09	3	Vertical	75	2.08	-
2412MHz	Pass	AV	2.4112G	107.41	Inf	-Inf	3	Vertical	75	2.08	-
2412MHz	Pass	PK	2.386G	61.53	74.00	-12.47	3	Vertical	75	2.08	-
2412MHz	Pass	PK	2.413G	111.23	Inf	-Inf	3	Vertical	75	2.08	-
2412MHz	Pass	AV	2.386G	49.70	54.00	-4.30	3	Horizontal	163	1.56	-
2412MHz	Pass	AV	2.4112G	102.22	Inf	-Inf	3	Horizontal	163	1.56	-
2412MHz	Pass	PK	2.3858G	60.09	74.00	-13.91	3	Horizontal	163	1.56	-
2412MHz	Pass	PK	2.413G	106.10	Inf	-Inf	3	Horizontal	163	1.56	-
2412MHz	Pass	AV	4.82396G	48.80	54.00	-5.20	3	Vertical	196	2.26	-
2412MHz	Pass	PK	4.82395G	52.13	74.00	-21.87	3	Vertical	196	2.26	-
2412MHz	Pass	AV	4.824G	40.27	54.00	-13.73	3	Horizontal	358	1.20	-
2412MHz	Pass	PK	4.82411G	47.87	74.00	-26.13	3	Horizontal	358	1.20	-
2417MHz	Pass	AV	2.39G	52.22	54.00	-1.78	3	Vertical	221	1.65	-
2417MHz	Pass	AV	2.4178G	106.73	Inf	-Inf	3	Vertical	221	1.65	-
2417MHz	Pass	PK	2.3896G	60.47	74.00	-13.53	3	Vertical	221	1.65	-
2417MHz	Pass	PK	2.418G	110.62	Inf	-Inf	3	Vertical	221	1.65	-
2417MHz	Pass	AV	2.39G	49.90	54.00	-4.10	3	Horizontal	163	1.25	-
2417MHz	Pass	AV	2.4162G	102.44	Inf	-Inf	3	Horizontal	163	1.25	-
2417MHz	Pass	PK	2.3878G	60.43	74.00	-13.57	3	Horizontal	163	1.25	-
2417MHz	Pass	PK	2.416G	106.26	Inf	-Inf	3	Horizontal	163	1.25	-
2417MHz	Pass	AV	4.83398G	50.04	54.00	-3.96	3	Vertical	271	1.42	-
2417MHz	Pass	AV	7.25172G	43.04	54.00	-10.96	3	Vertical	224	3.00	-
2417MHz	Pass	PK	4.83396G	52.84	74.00	-21.16	3	Vertical	271	1.42	-
2417MHz	Pass	PK	7.25174G	52.68	74.00	-21.32	3	Vertical	224	3.00	-
2417MHz	Pass	AV	4.83396G	41.59	54.00	-12.41	3	Horizontal	210	2.20	-
2417MHz	Pass	AV	7.25022G	44.20	54.00	-9.80	3	Horizontal	12	1.90	-
2417MHz	Pass	PK	4.8338G	48.16	74.00	-25.84	3	Horizontal	210	2.20	-
2417MHz	Pass	PK	7.25202G	53.21	74.00	-20.79	3	Horizontal	12	1.90	-
2437MHz	Pass	AV	2.3878G	48.39	54.00	-5.61	3	Vertical	229	1.89	-
2437MHz	Pass	AV	2.4362G	108.57	Inf	-Inf	3	Vertical	229	1.89	-
2437MHz	Pass	AV	2.4882G	49.69	54.00	-4.31	3	Vertical	229	1.89	-
2437MHz	Pass	PK	2.389G	59.31	74.00	-14.69	3	Vertical	229	1.89	-
2437MHz	Pass	PK	2.4362G	112.35	Inf	-Inf	3	Vertical	229	1.89	-
2437MHz	Pass	PK	2.4878G	60.53	74.00	-13.47	3	Vertical	229	1.89	-
2437MHz	Pass	AV	2.3858G	48.08	54.00	-5.92	3	Horizontal	328	1.65	-
2437MHz	Pass	AV	2.4378G	106.87	Inf	-Inf	3	Horizontal	328	1.65	-
2437MHz	Pass	AV	2.4874G	49.31	54.00	-4.69	3	Horizontal	328	1.65	-
2437MHz	Pass	PK	2.3458G	58.93	74.00	-15.07	3	Horizontal	328	1.65	-
2437MHz	Pass	PK	2.4378G	110.83	Inf	-Inf	3	Horizontal	328	1.65	-
2437MHz	Pass	PK	2.485G	60.15	74.00	-13.85	3	Horizontal	328	1.65	-
2437MHz	Pass	AV	4.87396G	51.61	54.00	-2.39	3	Vertical	272	1.12	-
2437MHz	Pass	AV	7.31168G	46.79	54.00	-7.21	3	Vertical	192	1.07	-
2437MHz	Pass	PK	4.87392G	53.99	74.00	-20.01	3	Vertical	272	1.12	-
2437MHz	Pass	PK	7.31042G	54.11	74.00	-19.89	3	Vertical	192	1.07	-
2437MHz	Pass	AV	4.87394G	41.91	54.00	-12.09	3	Horizontal	211	1.00	-
2437MHz	Pass	AV	7.31166G	52.62	54.00	-1.38	3	Horizontal	11	1.92	-
2437MHz	Pass	PK	4.874G	47.84	74.00	-26.16	3	Horizontal	211	1.00	-
2437MHz	Pass	PK	7.31178G	58.38	74.00	-15.62	3	Horizontal	11	1.92	-
2457MHz	Pass	AV	2.4578G	109.51	Inf	-Inf	3	Vertical	228	1.71	-
2457MHz	Pass	AV	2.4858G	51.66	54.00	-2.34	3	Vertical	228	1.71	-
2457MHz	Pass	PK	2.458G	113.37	Inf	-Inf	3	Vertical	228	1.71	-
2457MHz	Pass	PK	2.4836G	61.81	74.00	-12.19	3	Vertical	228	1.71	-
2457MHz	Pass	AV	2.4562G	107.08	Inf	-Inf	3	Horizontal	333	1.21	-
2457MHz	Pass	AV	2.484G	50.92	54.00	-3.08	3	Horizontal	333	1.21	-
2457MHz	Pass	PK	2.458G	110.99	Inf	-Inf	3	Horizontal	333	1.21	-
2457MHz	Pass	PK	2.4852G	61.50	74.00	-12.50	3	Horizontal	333	1.21	-
2457MHz	Pass	AV	4.91396G	51.54	54.00	-2.46	3	Vertical	270	1.29	-
2457MHz	Pass	AV	7.37168G	48.17	54.00	-5.83	3	Vertical	219	1.29	-
2457MHz	Pass	PK	4.91398G	54.23	74.00	-19.77	3	Vertical	270	1.29	-
2457MHz	Pass	PK	7.37138G	55.39	74.00	-18.61	3	Vertical	219	1.29	-





Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2457MHz	Pass	AV	4.91398G	41.76	54.00	-12.24	3	Horizontal	210	1.11	-
2457MHz	Pass	AV	7.37022G	52.12	54.00	-1.88	3	Horizontal	10	1.93	-
2457MHz	Pass	PK	4.91394G	48.12	74.00	-25.88	3	Horizontal	210	1.11	-
2457MHz	Pass	PK	7.37192G	58.22	74.00	-15.78	3	Horizontal	10	1.93	-
2462MHz	Pass	AV	2.4612G	109.16	Inf	-Inf	3	Vertical	75	1.98	-
2462MHz	Pass	AV	2.489G	52.79	54.00	-1.21	3	Vertical	75	1.98	-
2462MHz	Pass	PK	2.463G	112.89	Inf	-Inf	3	Vertical	75	1.98	-
2462MHz	Pass	PK	2.4892G	62.57	74.00	-11.43	3	Vertical	75	1.98	-
2462MHz	Pass	AV	2.4612G	103.89	Inf	-Inf	3	Horizontal	163	1.00	-
2462MHz	Pass	AV	2.489G	49.45	54.00	-4.55	3	Horizontal	163	1.00	-
2462MHz	Pass	PK	2.463G	107.76	Inf	-Inf	3	Horizontal	163	1.00	-
2462MHz	Pass	PK	2.4892G	61.07	74.00	-12.93	3	Horizontal	163	1.00	-
2462MHz	Pass	AV	4.924G	50.56	54.00	-3.44	3	Vertical	270	1.28	-
2462MHz	Pass	AV	7.38522G	48.47	54.00	-5.53	3	Vertical	194	1.32	-
2462MHz	Pass	PK	4.92394G	53.48	74.00	-20.52	3	Vertical	270	1.28	-
2462MHz	Pass	PK	7.385G	55.48	74.00	-18.52	3	Vertical	194	1.32	-
2462MHz	Pass	AV	4.924G	41.47	54.00	-12.53	3	Horizontal	210	1.09	-
2462MHz	Pass	AV	7.38522G	51.25	54.00	-2.75	3	Horizontal	11	1.66	-
2462MHz	Pass	PK	4.92398G	48.02	74.00	-25.98	3	Horizontal	210	1.09	-
2462MHz	Pass	PK	7.385G	57.01	74.00	-16.99	3	Horizontal	11	1.66	-
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3898G	52.78	54.00	-1.22	3	Vertical	222	1.50	-
2412MHz	Pass	AV	2.4136G	99.22	Inf	-Inf	3	Vertical	222	1.50	-
2412MHz	Pass	PK	2.3872G	65.93	74.00	-8.07	3	Vertical	222	1.50	-
2412MHz	Pass	PK	2.41G	109.53	Inf	-Inf	3	Vertical	222	1.50	-
2412MHz	Pass	AV	2.39G	51.13	54.00	-2.87	3	Horizontal	164	1.21	-
2412MHz	Pass	AV	2.4132G	95.72	Inf	-Inf	3	Horizontal	164	1.21	-
2412MHz	Pass	PK	2.3898G	63.85	74.00	-10.15	3	Horizontal	164	1.21	-
2412MHz	Pass	PK	2.4122G	105.41	Inf	-Inf	3	Horizontal	164	1.21	-
2412MHz	Pass	AV	4.8248G	35.33	54.00	-18.67	3	Vertical	271	1.27	-
2412MHz	Pass	PK	4.82268G	48.71	74.00	-25.29	3	Vertical	271	1.27	-
2412MHz	Pass	AV	4.82516G	32.25	54.00	-21.75	3	Horizontal	209	2.58	-
2412MHz	Pass	PK	4.83056G	44.89	74.00	-29.11	3	Horizontal	209	2.58	-
2417MHz	Pass	AV	2.39G	52.61	54.00	-1.39	3	Vertical	227	1.95	-
2417MHz	Pass	AV	2.4192G	101.87	Inf	-Inf	3	Vertical	227	1.95	-
2417MHz	Pass	PK	2.3898G	67.18	74.00	-6.82	3	Vertical	227	1.95	-
2417MHz	Pass	PK	2.4202G	112.46	Inf	-Inf	3	Vertical	227	1.95	-
2417MHz	Pass	AV	2.39G	51.48	54.00	-2.52	3	Horizontal	325	1.88	-
2417MHz	Pass	AV	2.4184G	99.92	Inf	-Inf	3	Horizontal	325	1.88	-
2417MHz	Pass	PK	2.3888G	64.31	74.00	-9.69	3	Horizontal	325	1.88	-
2417MHz	Pass	PK	2.4166G	110.75	Inf	-Inf	3	Horizontal	325	1.88	-
2417MHz	Pass	AV	4.83532G	36.22	54.00	-17.78	3	Vertical	270	1.50	-
2417MHz	Pass	AV	7.2508G	40.00	54.00	-14.00	3	Vertical	175	2.92	-
2417MHz	Pass	PK	4.83816G	50.22	74.00	-23.78	3	Vertical	270	1.50	-
2417MHz	Pass	PK	7.25476G	51.30	74.00	-22.70	3	Vertical	175	2.92	-
2417MHz	Pass	AV	4.8382G	32.37	54.00	-21.63	3	Horizontal	211	1.50	-
2417MHz	Pass	AV	7.25056G	39.73	54.00	-14.27	3	Horizontal	360	3.00	-
2417MHz	Pass	PK	4.8366G	46.06	74.00	-27.94	3	Horizontal	211	1.50	-
2417MHz	Pass	PK	7.25008G	52.95	74.00	-21.05	3	Horizontal	360	3.00	-
2437MHz	Pass	AV	2.3898G	49.41	54.00	-4.59	3	Vertical	223	1.89	-
2437MHz	Pass	AV	2.439G	104.78	Inf	-Inf	3	Vertical	223	1.89	-
2437MHz	Pass	AV	2.4835G	51.79	54.00	-2.21	3	Vertical	223	1.89	-
2437MHz	Pass	PK	2.3886G	60.76	74.00	-13.24	3	Vertical	223	1.89	-
2437MHz	Pass	PK	2.4382G	114.42	Inf	-Inf	3	Vertical	223	1.89	-
2437MHz	Pass	PK	2.4846G	67.17	74.00	-6.83	3	Vertical	223	1.89	-
2437MHz	Pass	AV	2.3878G	48.34	54.00	-5.66	3	Horizontal	327	1.65	-
2437MHz	Pass	AV	2.4386G	101.69	Inf	-Inf	3	Horizontal	327	1.65	-
2437MHz	Pass	AV	2.4838G	51.12	54.00	-2.88	3	Horizontal	327	1.65	-
2437MHz	Pass	PK	2.365G	59.12	74.00	-14.88	3	Horizontal	327	1.65	-
2437MHz	Pass	PK	2.439G	111.97	Inf	-Inf	3	Horizontal	327	1.65	-
2437MHz	Pass	PK	2.4862G	65.54	74.00	-8.46	3	Horizontal	327	1.65	-
2437MHz	Pass	AV	4.87432G	37.82	54.00	-16.18	3	Vertical	270	1.25	-



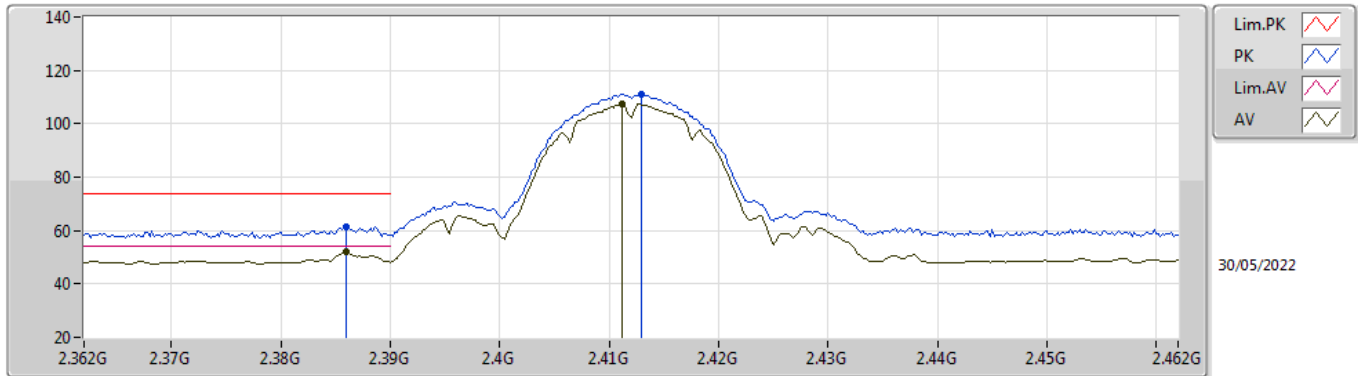
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	AV	7.31088G	43.58	54.00	-10.42	3	Vertical	195	1.49	-
2437MHz	Pass	PK	4.87316G	50.63	74.00	-23.37	3	Vertical	270	1.25	-
2437MHz	Pass	PK	7.31404G	57.16	74.00	-16.84	3	Vertical	195	1.49	-
2437MHz	Pass	AV	4.87516G	32.89	54.00	-21.11	3	Horizontal	210	1.16	-
2437MHz	Pass	AV	7.31312G	48.39	54.00	-5.61	3	Horizontal	8	1.86	-
2437MHz	Pass	PK	4.87748G	46.16	74.00	-27.84	3	Horizontal	210	1.16	-
2437MHz	Pass	PK	7.31592G	62.22	74.00	-11.78	3	Horizontal	8	1.86	-
2457MHz	Pass	AV	2.4584G	101.33	Inf	-Inf	3	Vertical	226	2.12	-
2457MHz	Pass	AV	2.4836G	52.64	54.00	-1.36	3	Vertical	226	2.12	-
2457MHz	Pass	PK	2.4592G	111.45	Inf	-Inf	3	Vertical	226	2.12	-
2457MHz	Pass	PK	2.4846G	68.17	74.00	-5.83	3	Vertical	226	2.12	-
2457MHz	Pass	AV	2.456G	98.97	Inf	-Inf	3	Horizontal	327	2.03	-
2457MHz	Pass	AV	2.4835G	51.44	54.00	-2.56	3	Horizontal	327	2.03	-
2457MHz	Pass	PK	2.4572G	108.86	Inf	-Inf	3	Horizontal	327	2.03	-
2457MHz	Pass	PK	2.4836G	66.47	74.00	-7.53	3	Horizontal	327	2.03	-
2457MHz	Pass	AV	4.91384G	37.04	54.00	-16.96	3	Vertical	270	1.26	-
2457MHz	Pass	AV	7.371G	40.89	54.00	-13.11	3	Vertical	175	2.93	-
2457MHz	Pass	PK	4.91532G	50.25	74.00	-23.75	3	Vertical	270	1.26	-
2457MHz	Pass	PK	7.37248G	53.45	74.00	-20.55	3	Vertical	175	2.93	-
2457MHz	Pass	AV	4.91832G	32.37	54.00	-21.63	3	Horizontal	208	3.00	-
2457MHz	Pass	AV	7.36756G	40.85	54.00	-13.15	3	Horizontal	360	3.00	-
2457MHz	Pass	PK	4.91792G	45.66	74.00	-28.34	3	Horizontal	208	3.00	-
2457MHz	Pass	PK	7.37328G	55.33	74.00	-18.67	3	Horizontal	360	3.00	-
2462MHz	Pass	AV	2.4634G	100.76	Inf	-Inf	3	Vertical	228	2.12	-
2462MHz	Pass	AV	2.4844G	52.68	54.00	-1.32	3	Vertical	228	2.12	-
2462MHz	Pass	PK	2.4666G	110.81	Inf	-Inf	3	Vertical	228	2.12	-
2462MHz	Pass	PK	2.4838G	71.83	74.00	-2.17	3	Vertical	228	2.12	-
2462MHz	Pass	AV	2.4642G	98.28	Inf	-Inf	3	Horizontal	326	2.05	-
2462MHz	Pass	AV	2.484G	51.66	54.00	-2.34	3	Horizontal	326	2.05	-
2462MHz	Pass	PK	2.4662G	108.13	Inf	-Inf	3	Horizontal	326	2.05	-
2462MHz	Pass	PK	2.4836G	69.85	74.00	-4.15	3	Horizontal	326	2.05	-
2462MHz	Pass	AV	4.92368G	35.37	54.00	-18.63	3	Vertical	268	1.50	-
2462MHz	Pass	AV	7.386G	40.08	54.00	-13.92	3	Vertical	191	3.00	-
2462MHz	Pass	PK	4.9244G	49.04	74.00	-24.96	3	Vertical	268	1.50	-
2462MHz	Pass	PK	7.38608G	51.44	74.00	-22.56	3	Vertical	191	3.00	-
2462MHz	Pass	AV	4.92436G	32.41	54.00	-21.59	3	Horizontal	226	1.18	-
2462MHz	Pass	AV	7.38708G	39.31	54.00	-14.69	3	Horizontal	10	1.86	-
2462MHz	Pass	PK	4.92724G	45.07	74.00	-28.93	3	Horizontal	226	1.18	-
2462MHz	Pass	PK	7.38408G	53.31	74.00	-20.69	3	Horizontal	10	1.86	-
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	52.68	54.00	-1.32	3	Vertical	67	2.20	-
2412MHz	Pass	AV	2.415G	100.28	Inf	-Inf	3	Vertical	67	2.20	-
2412MHz	Pass	PK	2.3898G	67.57	74.00	-6.43	3	Vertical	67	2.20	-
2412MHz	Pass	PK	2.4154G	110.64	Inf	-Inf	3	Vertical	67	2.20	-
2412MHz	Pass	AV	2.3898G	50.64	54.00	-3.36	3	Horizontal	76	2.40	-
2412MHz	Pass	AV	2.414G	96.08	Inf	-Inf	3	Horizontal	76	2.40	-
2412MHz	Pass	PK	2.3898G	64.64	74.00	-9.36	3	Horizontal	76	2.40	-
2412MHz	Pass	PK	2.4138G	106.27	Inf	-Inf	3	Horizontal	76	2.40	-
2412MHz	Pass	AV	4.825G	35.04	54.00	-18.96	3	Vertical	100	2.80	-
2412MHz	Pass	PK	4.82784G	47.77	74.00	-26.23	3	Vertical	100	2.80	-
2412MHz	Pass	AV	4.8224G	32.77	54.00	-21.23	3	Horizontal	120	2.75	-
2412MHz	Pass	PK	4.8172G	46.34	74.00	-27.66	3	Horizontal	120	2.75	-
2417MHz	Pass	AV	2.39G	52.51	54.00	-1.49	3	Vertical	66	2.67	-
2417MHz	Pass	AV	2.4188G	102.98	Inf	-Inf	3	Vertical	66	2.67	-
2417MHz	Pass	PK	2.3866G	65.59	74.00	-8.41	3	Vertical	66	2.67	-
2417MHz	Pass	PK	2.4182G	113.31	Inf	-Inf	3	Vertical	66	2.67	-
2417MHz	Pass	AV	2.3896G	50.70	54.00	-3.30	3	Horizontal	75	2.67	-
2417MHz	Pass	AV	2.4184G	98.75	Inf	-Inf	3	Horizontal	75	2.67	-
2417MHz	Pass	PK	2.3888G	63.16	74.00	-10.84	3	Horizontal	75	2.67	-
2417MHz	Pass	PK	2.4158G	109.72	Inf	-Inf	3	Horizontal	75	2.67	-
2417MHz	Pass	AV	4.83264G	35.83	54.00	-18.17	3	Vertical	174	2.00	-
2417MHz	Pass	AV	7.25096G	41.20	54.00	-12.80	3	Vertical	93	2.58	-



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2417MHz	Pass	PK	4.83566G	49.70	74.00	-24.30	3	Vertical	174	2.00	-
2417MHz	Pass	PK	7.25108G	51.25	74.00	-22.75	3	Vertical	93	2.58	-
2417MHz	Pass	AV	4.83798G	33.08	54.00	-20.92	3	Horizontal	21	1.00	-
2417MHz	Pass	AV	7.25148G	39.42	54.00	-14.58	3	Horizontal	176	1.84	-
2417MHz	Pass	PK	4.83508G	46.23	74.00	-27.77	3	Horizontal	21	1.00	-
2437MHz	Pass	AV	2.3894G	50.39	54.00	-3.61	3	Vertical	65	2.39	-
2437MHz	Pass	AV	2.4386G	106.35	Inf	-Inf	3	Vertical	65	2.39	-
2437MHz	Pass	AV	2.4838G	52.90	54.00	-1.10	3	Vertical	65	2.39	-
2437MHz	Pass	PK	2.387G	63.05	74.00	-10.95	3	Vertical	65	2.39	-
2437MHz	Pass	PK	2.4386G	116.12	Inf	-Inf	3	Vertical	65	2.39	-
2437MHz	Pass	PK	2.4854G	66.35	74.00	-7.65	3	Vertical	65	2.39	-
2437MHz	Pass	AV	2.3898G	48.64	54.00	-5.36	3	Horizontal	75	2.61	-
2437MHz	Pass	AV	2.439G	102.50	Inf	-Inf	3	Horizontal	75	2.61	-
2437MHz	Pass	AV	2.4835G	50.71	54.00	-3.29	3	Horizontal	75	2.61	-
2437MHz	Pass	PK	2.3898G	60.22	74.00	-13.78	3	Horizontal	75	2.61	-
2437MHz	Pass	PK	2.4394G	112.63	Inf	-Inf	3	Horizontal	75	2.61	-
2437MHz	Pass	PK	2.4835G	63.70	74.00	-10.30	3	Horizontal	75	2.61	-
2437MHz	Pass	AV	4.87424G	37.70	54.00	-16.30	3	Vertical	174	1.97	-
2437MHz	Pass	AV	7.31044G	43.87	54.00	-10.13	3	Vertical	4	3.00	-
2437MHz	Pass	PK	4.87812G	51.33	74.00	-22.67	3	Vertical	174	1.97	-
2437MHz	Pass	PK	7.31028G	57.50	74.00	-16.50	3	Vertical	4	3.00	-
2437MHz	Pass	AV	4.87792G	33.67	54.00	-20.33	3	Horizontal	221	1.12	-
2437MHz	Pass	AV	7.31368G	46.96	54.00	-7.04	3	Horizontal	178	1.88	-
2437MHz	Pass	PK	4.87856G	47.07	74.00	-26.93	3	Horizontal	221	1.12	-
2437MHz	Pass	PK	7.3164G	61.28	74.00	-12.72	3	Horizontal	178	1.88	-
2457MHz	Pass	AV	2.4596G	101.02	Inf	-Inf	3	Vertical	271	1.48	-
2457MHz	Pass	AV	2.4838G	52.74	54.00	-1.26	3	Vertical	271	1.48	-
2457MHz	Pass	PK	2.4588G	110.81	Inf	-Inf	3	Vertical	271	1.48	-
2457MHz	Pass	PK	2.486G	67.55	74.00	-6.45	3	Vertical	271	1.48	-
2457MHz	Pass	AV	2.4558G	100.15	Inf	-Inf	3	Horizontal	76	2.57	-
2457MHz	Pass	AV	2.4836G	52.72	54.00	-1.28	3	Horizontal	76	2.57	-
2457MHz	Pass	PK	2.4588G	110.37	Inf	-Inf	3	Horizontal	76	2.57	-
2457MHz	Pass	PK	2.4836G	68.24	74.00	-5.76	3	Horizontal	76	2.57	-
2457MHz	Pass	AV	4.91318G	36.37	54.00	-17.63	3	Vertical	176	1.60	-
2457MHz	Pass	AV	7.37096G	40.66	54.00	-13.34	3	Vertical	90	2.84	-
2457MHz	Pass	PK	4.9141G	49.91	74.00	-24.09	3	Vertical	176	1.60	-
2457MHz	Pass	PK	7.36824G	52.53	74.00	-21.47	3	Vertical	90	2.84	-
2457MHz	Pass	AV	4.91282G	33.61	54.00	-20.39	3	Horizontal	28	1.12	-
2457MHz	Pass	AV	7.3728G	41.89	54.00	-12.11	3	Horizontal	178	1.97	-
2457MHz	Pass	PK	4.91682G	46.40	74.00	-27.60	3	Horizontal	28	1.12	-
2457MHz	Pass	PK	7.3702G	56.79	74.00	-17.21	3	Horizontal	178	1.97	-
2462MHz	Pass	AV	2.4604G	99.39	Inf	-Inf	3	Vertical	272	1.46	-
2462MHz	Pass	AV	2.4835G	52.95	54.00	-1.05	3	Vertical	272	1.46	-
2462MHz	Pass	PK	2.4636G	109.61	Inf	-Inf	3	Vertical	272	1.46	-
2462MHz	Pass	PK	2.485G	69.97	74.00	-4.03	3	Vertical	272	1.46	-
2462MHz	Pass	AV	2.464G	99.13	Inf	-Inf	3	Horizontal	77	2.56	-
2462MHz	Pass	AV	2.484G	52.73	54.00	-1.27	3	Horizontal	77	2.56	-
2462MHz	Pass	PK	2.4636G	108.78	Inf	-Inf	3	Horizontal	77	2.56	-
2462MHz	Pass	PK	2.4836G	70.39	74.00	-3.61	3	Horizontal	77	2.56	-
2462MHz	Pass	AV	4.92466G	35.31	54.00	-18.69	3	Vertical	171	2.15	-
2462MHz	Pass	AV	7.38584G	41.72	54.00	-12.28	3	Vertical	93	2.69	-
2462MHz	Pass	PK	4.92294G	48.73	74.00	-25.27	3	Vertical	171	2.15	-
2462MHz	Pass	PK	7.38566G	53.52	74.00	-20.48	3	Vertical	93	2.69	-
2462MHz	Pass	AV	4.92328G	32.68	54.00	-21.32	3	Horizontal	84	1.50	-
2462MHz	Pass	AV	7.38342G	39.58	54.00	-14.42	3	Horizontal	177	1.87	-
2462MHz	Pass	PK	4.92346G	46.19	74.00	-27.81	3	Horizontal	84	1.50	-
2462MHz	Pass	PK	7.38572G	53.83	74.00	-20.17	3	Horizontal	177	1.87	-

### 802.11b\_Nss1,(1Mbps)\_1TX

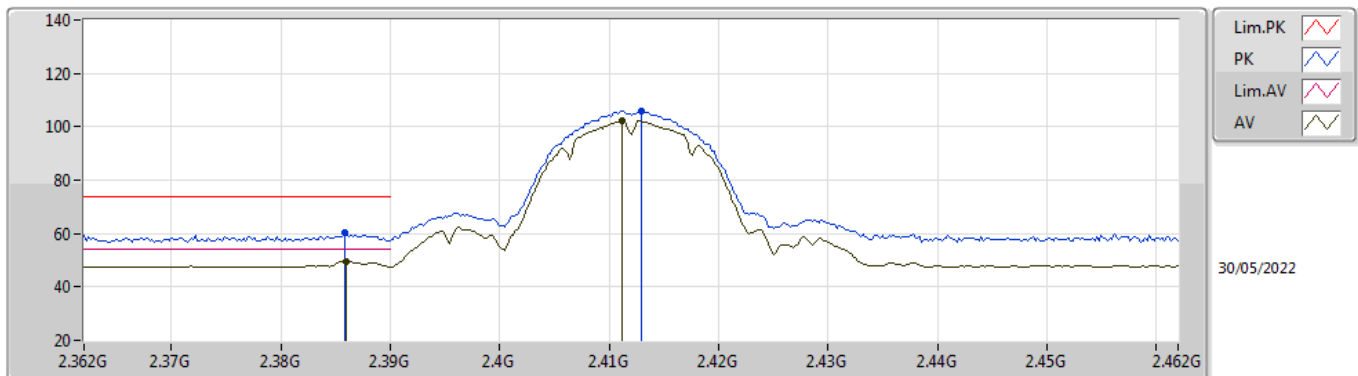
#### 2412MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.386G	51.91	54.00	-2.09	35.55	3	Vertical	75	2.08	-	16.36	27.27	8.28	-
AV	2.4112G	107.41	Inf	-Inf	35.64	3	Vertical	75	2.08	-	71.77	27.34	8.30	-
PK	2.386G	61.53	74.00	-12.47	35.55	3	Vertical	75	2.08	-	25.98	27.27	8.28	-
PK	2.413G	111.23	Inf	-Inf	35.65	3	Vertical	75	2.08	-	75.58	27.35	8.30	-

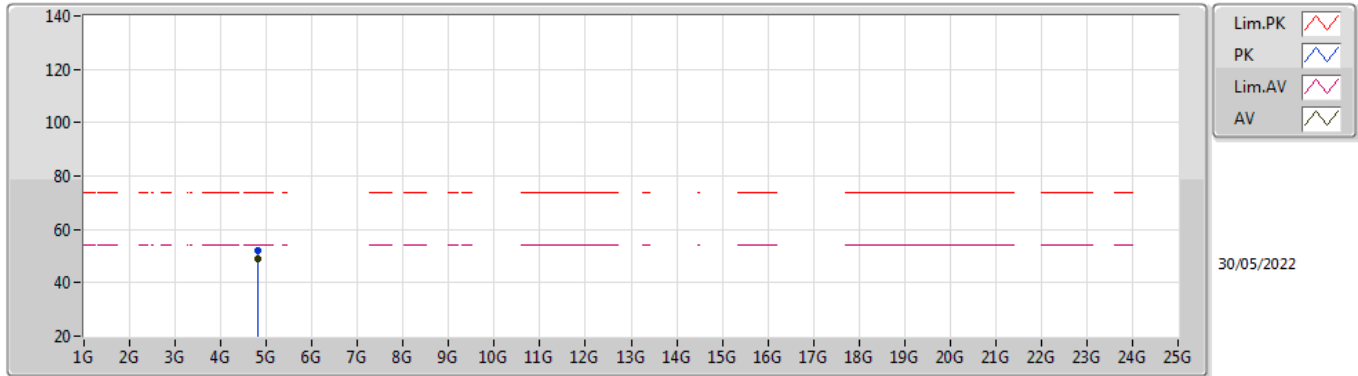
### 802.11b\_Nss1,(1Mbps)\_1TX

#### 2412MHz\_TX



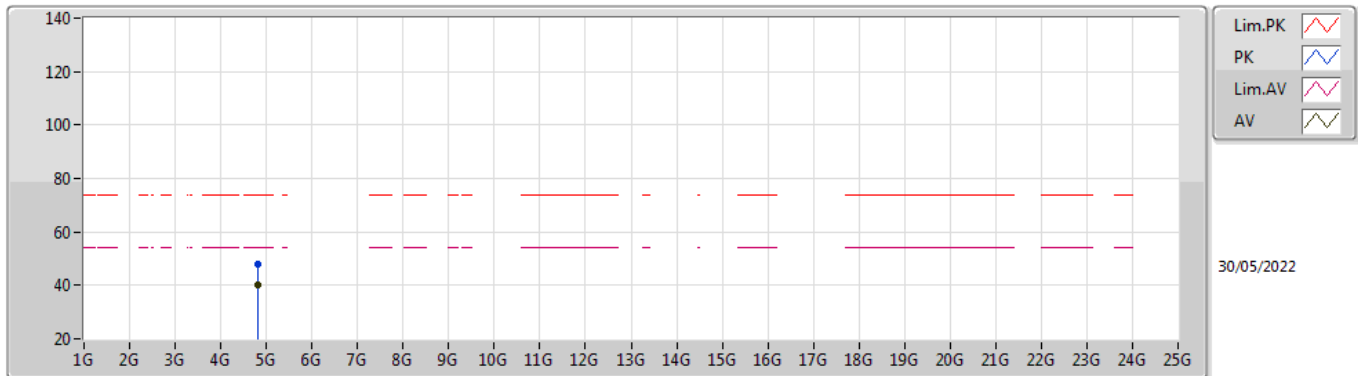
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.386G	49.70	54.00	-4.30	35.55	3	Horizontal	163	1.56	-	14.15	27.27	8.28	-
AV	2.4112G	102.22	Inf	-Inf	35.64	3	Horizontal	163	1.56	-	66.58	27.34	8.30	-
PK	2.3858G	60.09	74.00	-13.91	35.55	3	Horizontal	163	1.56	-	24.54	27.27	8.28	-
PK	2.413G	106.10	Inf	-Inf	35.65	3	Horizontal	163	1.56	-	70.45	27.35	8.30	-

**802.11b\_Nss1,(1Mbps)\_1TX**  
**2412MHz\_TX**



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82396G	48.80	54.00	-5.20	8.05	3	Vertical	196	2.26	-	40.75	32.55	9.68	34.18
PK	4.82395G	52.13	74.00	-21.87	8.05	3	Vertical	196	2.26	-	44.08	32.55	9.68	34.18

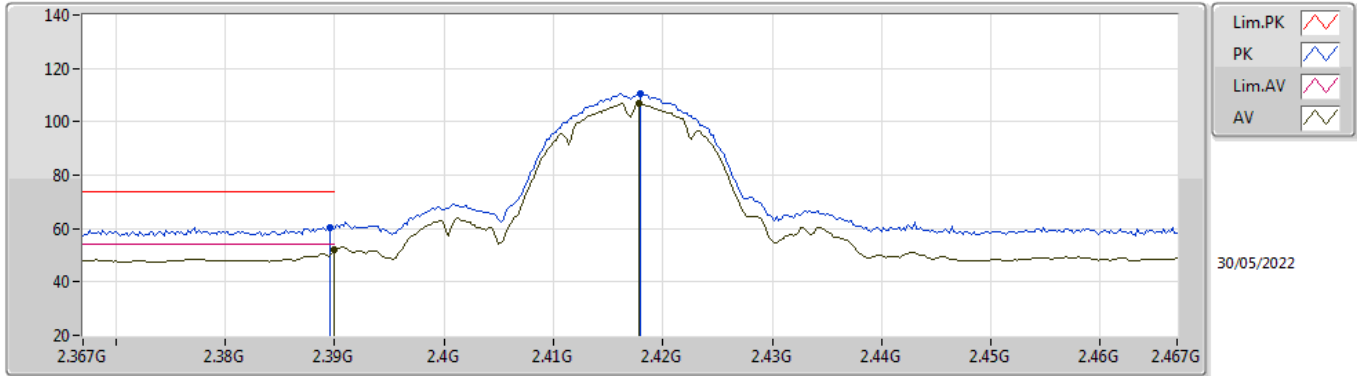
**802.11b\_Nss1,(1Mbps)\_1TX**  
**2412MHz\_TX**



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.824G	40.27	54.00	-13.73	8.05	3	Horizontal	358	1.20	-	32.22	32.55	9.68	34.18
PK	4.82411G	47.87	74.00	-26.13	8.05	3	Horizontal	358	1.20	-	39.82	32.55	9.68	34.18

802.11b\_Nss1,(1Mbps)\_1TX

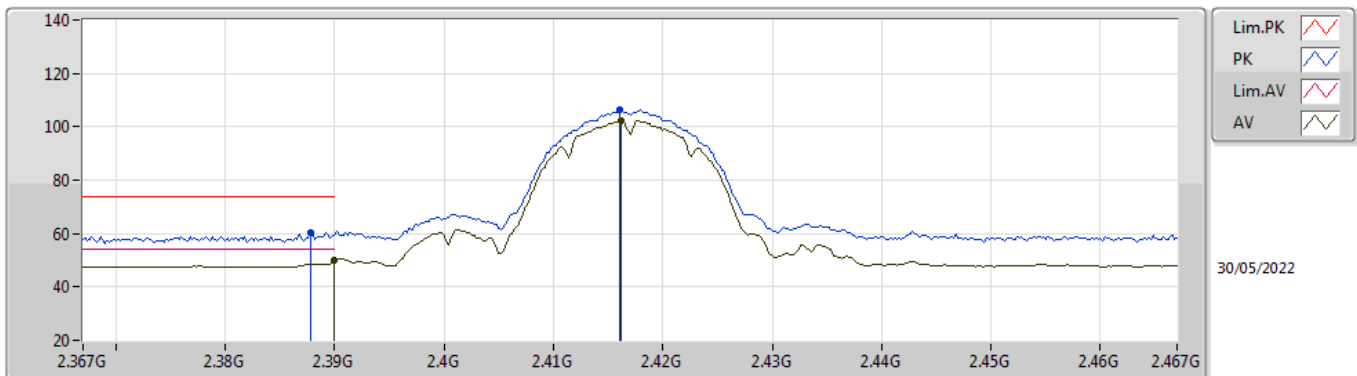
2417MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	52.22	54.00	-1.78	35.56	3	Vertical	221	1.65	-	16.66	27.28	8.28	-
AV	2.4178G	106.73	Inf	-Inf	35.67	3	Vertical	221	1.65	-	71.06	27.37	8.30	-
PK	2.3896G	60.47	74.00	-13.53	35.56	3	Vertical	221	1.65	-	24.91	27.28	8.28	-
PK	2.418G	110.62	Inf	-Inf	35.67	3	Vertical	221	1.65	-	74.95	27.37	8.30	-

802.11b\_Nss1,(1Mbps)\_1TX

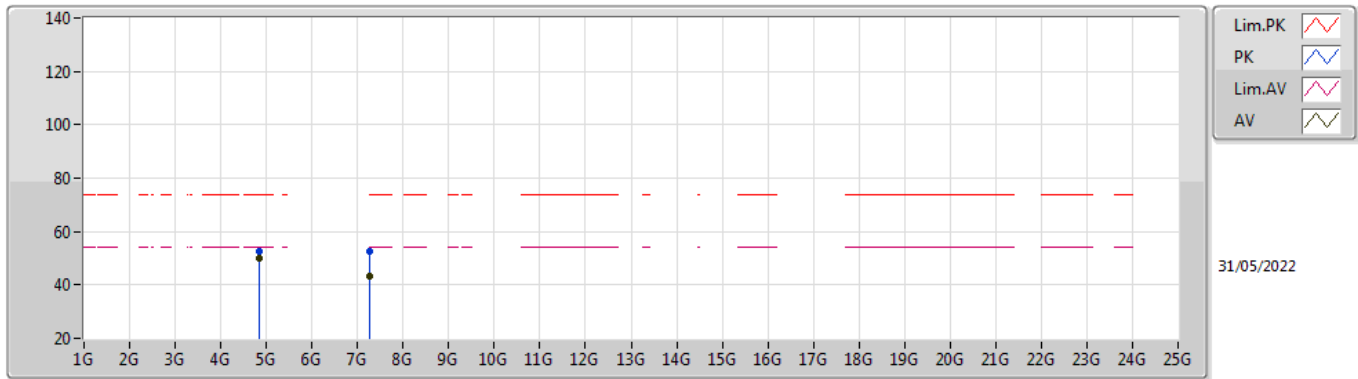
2417MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	49.90	54.00	-4.10	35.56	3	Horizontal	163	1.25	-	14.34	27.28	8.28	-
AV	2.4162G	102.44	Inf	-Inf	35.66	3	Horizontal	163	1.25	-	66.78	27.36	8.30	-
PK	2.3878G	60.43	74.00	-13.57	35.56	3	Horizontal	163	1.25	-	24.87	27.28	8.28	-
PK	2.416G	106.26	Inf	-Inf	35.66	3	Horizontal	163	1.25	-	70.60	27.36	8.30	-

### 802.11b\_Nss1,(1Mbps)\_1TX

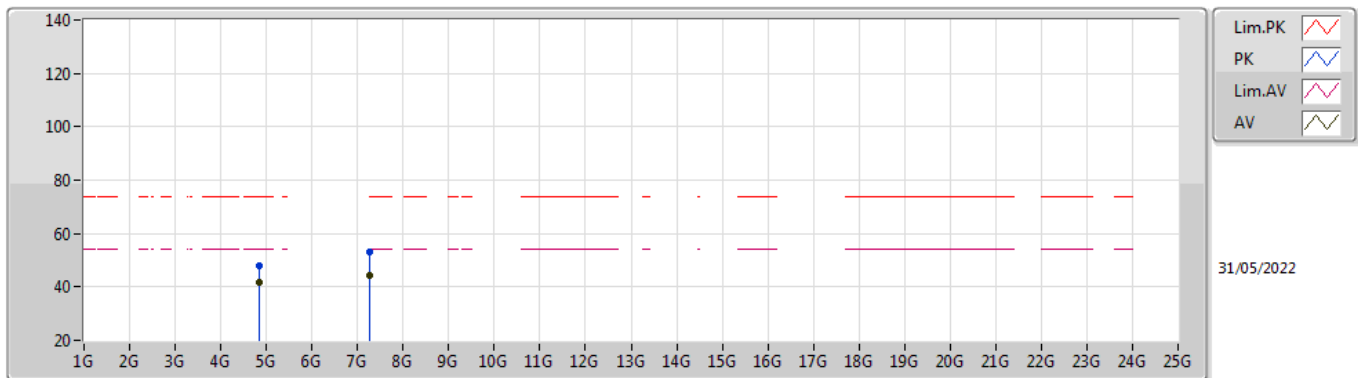
#### 2417MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.83398G	50.04	54.00	-3.96	8.07	3	Vertical	271	1.42	-	41.97	32.57	9.68	34.18
AV	7.25172G	43.04	54.00	-10.96	13.51	3	Vertical	224	3.00	-	29.53	36.70	11.31	34.50
PK	4.83396G	52.84	74.00	-21.16	8.07	3	Vertical	271	1.42	-	44.77	32.57	9.68	34.18
PK	7.25174G	52.68	74.00	-21.32	13.51	3	Vertical	224	3.00	-	39.17	36.70	11.31	34.50

### 802.11b\_Nss1,(1Mbps)\_1TX

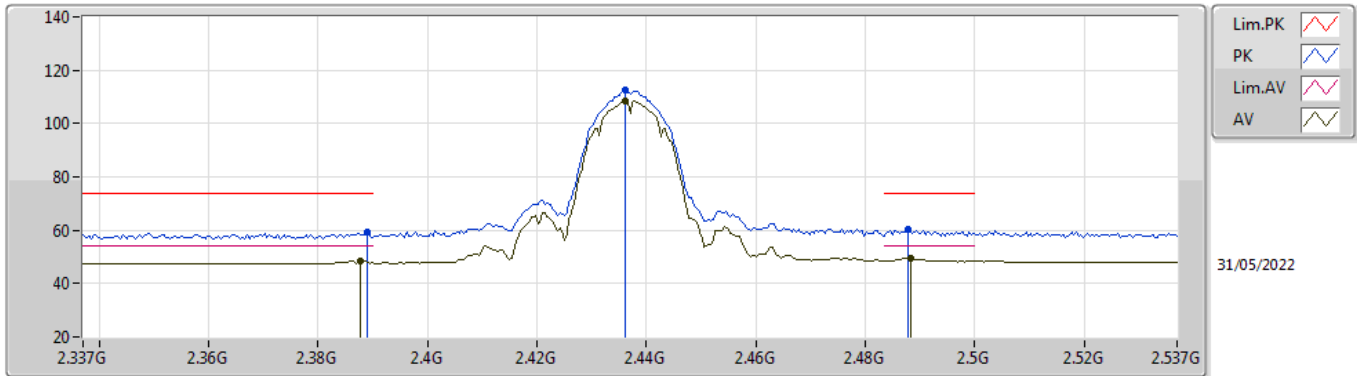
#### 2417MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.83396G	41.59	54.00	-12.41	8.07	3	Horizontal	210	2.20	-	33.52	32.57	9.68	34.18
AV	7.25022G	44.20	54.00	-9.80	13.51	3	Horizontal	12	1.90	-	30.69	36.70	11.31	34.50
PK	4.8338G	48.16	74.00	-25.84	8.07	3	Horizontal	210	2.20	-	40.09	32.57	9.68	34.18
PK	7.25202G	53.21	74.00	-20.79	13.51	3	Horizontal	12	1.90	-	39.70	36.70	11.31	34.50

### 802.11b\_Nss1,(1Mbps)\_1TX

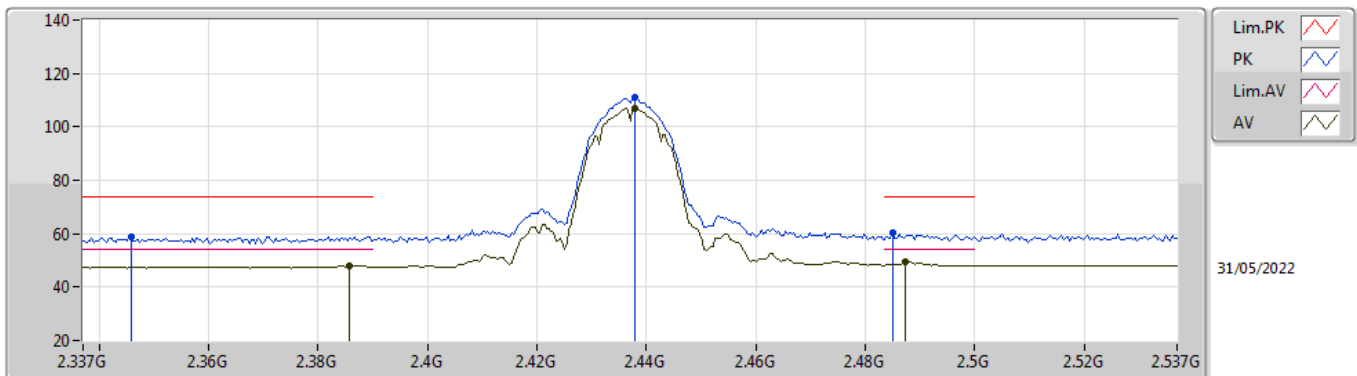
### 2437MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3878G	48.39	54.00	-5.61	35.56	3	Vertical	229	1.89	-	12.83	27.28	8.28	-
AV	2.4362G	108.57	Inf	-Inf	35.75	3	Vertical	229	1.89	-	72.82	27.44	8.31	-
AV	2.4882G	49.69	54.00	-4.31	36.08	3	Vertical	229	1.89	-	13.61	27.73	8.35	-
PK	2.389G	59.31	74.00	-14.69	35.56	3	Vertical	229	1.89	-	23.75	27.28	8.28	-
PK	2.4362G	112.35	Inf	-Inf	35.75	3	Vertical	229	1.89	-	76.60	27.44	8.31	-
PK	2.4878G	60.53	74.00	-13.47	36.08	3	Vertical	229	1.89	-	24.45	27.73	8.35	-

### 802.11b\_Nss1,(1Mbps)\_1TX

### 2437MHz\_TX

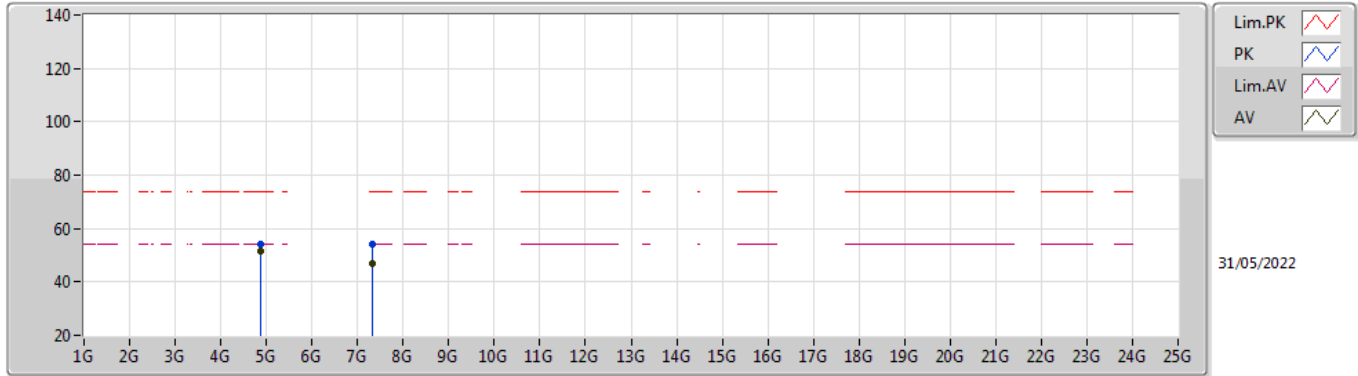


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3858G	48.08	54.00	-5.92	35.55	3	Horizontal	328	1.65	-	12.53	27.27	8.28	-
AV	2.4378G	106.87	Inf	-Inf	35.76	3	Horizontal	328	1.65	-	71.11	27.45	8.31	-
AV	2.4874G	49.31	54.00	-4.69	36.07	3	Horizontal	328	1.65	-	13.24	27.72	8.35	-
PK	2.3458G	58.93	74.00	-15.07	35.43	3	Horizontal	328	1.65	-	23.50	27.18	8.25	-
PK	2.4378G	110.83	Inf	-Inf	35.76	3	Horizontal	328	1.65	-	75.07	27.45	8.31	-
PK	2.485G	60.15	74.00	-13.85	36.06	3	Horizontal	328	1.65	-	24.09	27.71	8.35	-



### 802.11b\_Nss1,(1Mbps)\_1TX

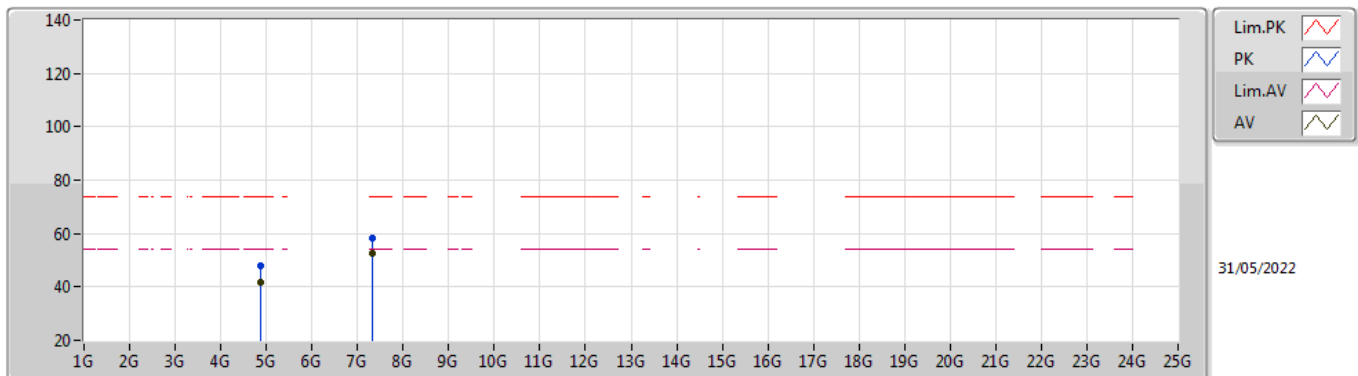
#### 2437MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87396G	51.61	54.00	-2.39	8.19	3	Vertical	272	1.12	-	43.42	32.65	9.70	34.16
AV	7.31168G	46.79	54.00	-7.21	13.44	3	Vertical	192	1.07	-	33.35	36.62	11.32	34.50
PK	4.87392G	53.99	74.00	-20.01	8.19	3	Vertical	272	1.12	-	45.80	32.65	9.70	34.16
PK	7.31042G	54.11	74.00	-19.89	13.44	3	Vertical	192	1.07	-	40.67	36.62	11.32	34.50

### 802.11b\_Nss1,(1Mbps)\_1TX

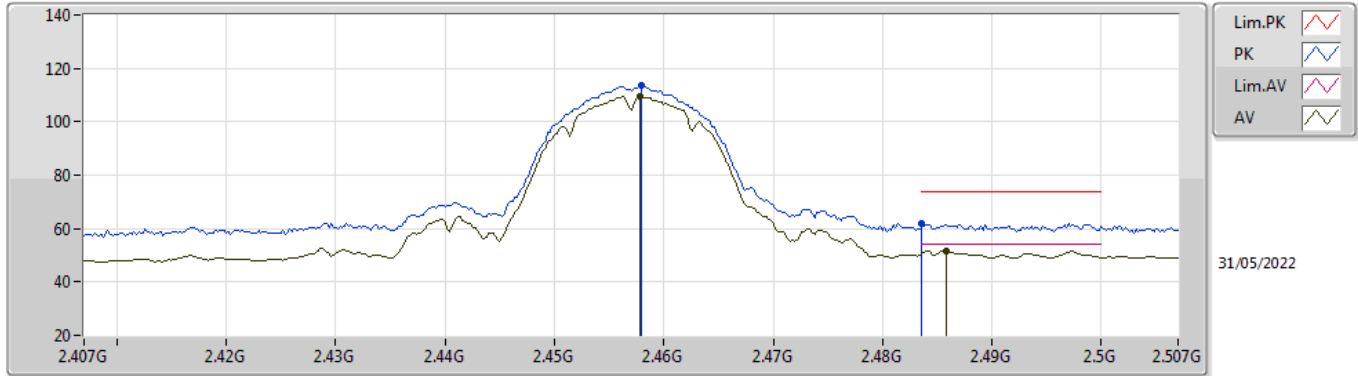
#### 2437MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87394G	41.91	54.00	-12.09	8.19	3	Horizontal	211	1.00	-	33.72	32.65	9.70	34.16
AV	7.31166G	52.62	54.00	-1.38	13.44	3	Horizontal	11	1.92	-	39.18	36.62	11.32	34.50
PK	4.874G	47.84	74.00	-26.16	8.19	3	Horizontal	211	1.00	-	39.65	32.65	9.70	34.16
PK	7.31178G	58.38	74.00	-15.62	13.44	3	Horizontal	11	1.92	-	44.94	36.62	11.32	34.50

### 802.11b\_Nss1,(1Mbps)\_1TX

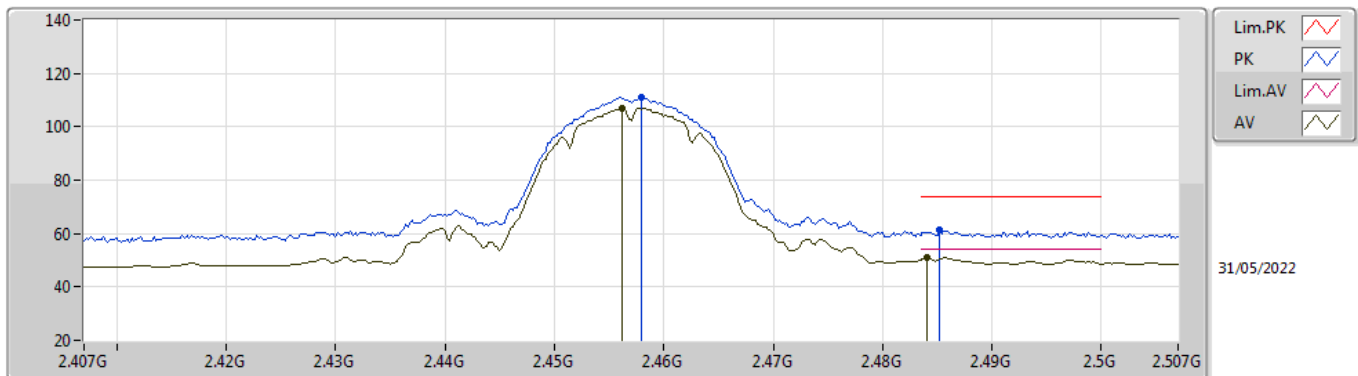
#### 2457MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4578G	109.51	Inf	-Inf	35.88	3	Vertical	228	1.71	-	73.63	27.55	8.33	-
AV	2.4858G	51.66	54.00	-2.34	36.06	3	Vertical	228	1.71	-	15.60	27.71	8.35	-
PK	2.458G	113.37	Inf	-Inf	35.88	3	Vertical	228	1.71	-	77.49	27.55	8.33	-
PK	2.4836G	61.81	74.00	-12.19	36.04	3	Vertical	228	1.71	-	25.77	27.70	8.34	-

### 802.11b\_Nss1,(1Mbps)\_1TX

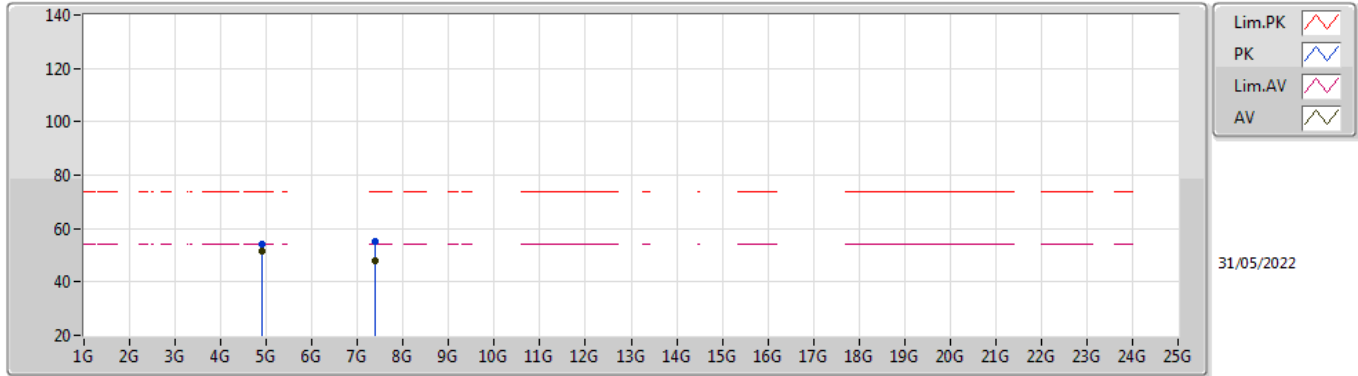
#### 2457MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4562G	107.08	Inf	-Inf	35.87	3	Horizontal	333	1.21	-	71.21	27.54	8.33	-
AV	2.484G	50.92	54.00	-3.08	36.04	3	Horizontal	333	1.21	-	14.88	27.70	8.34	-
PK	2.458G	110.99	Inf	-Inf	35.88	3	Horizontal	333	1.21	-	75.11	27.55	8.33	-
PK	2.4852G	61.50	74.00	-12.50	36.06	3	Horizontal	333	1.21	-	25.44	27.71	8.35	-

### 802.11b\_Nss1,(1Mbps)\_1TX

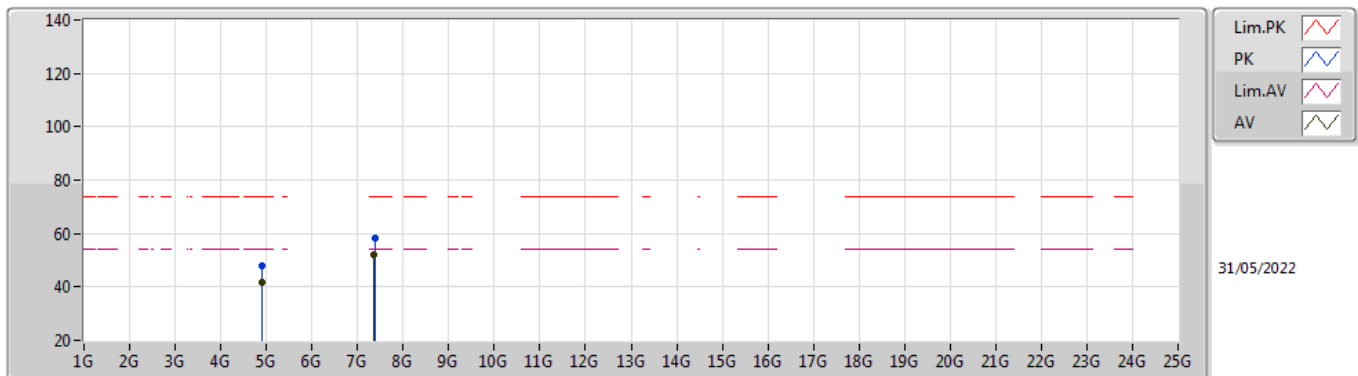
#### 2457MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.91396G	51.54	54.00	-2.46	8.34	3	Vertical	270	1.29	-	43.20	32.76	9.72	34.14
AV	7.37168G	48.17	54.00	-5.83	13.41	3	Vertical	219	1.29	-	34.76	36.57	11.33	34.49
PK	4.91398G	54.23	74.00	-19.77	8.34	3	Vertical	270	1.29	-	45.89	32.76	9.72	34.14
PK	7.37138G	55.39	74.00	-18.61	13.41	3	Vertical	219	1.29	-	41.98	36.57	11.33	34.49

### 802.11b\_Nss1,(1Mbps)\_1TX

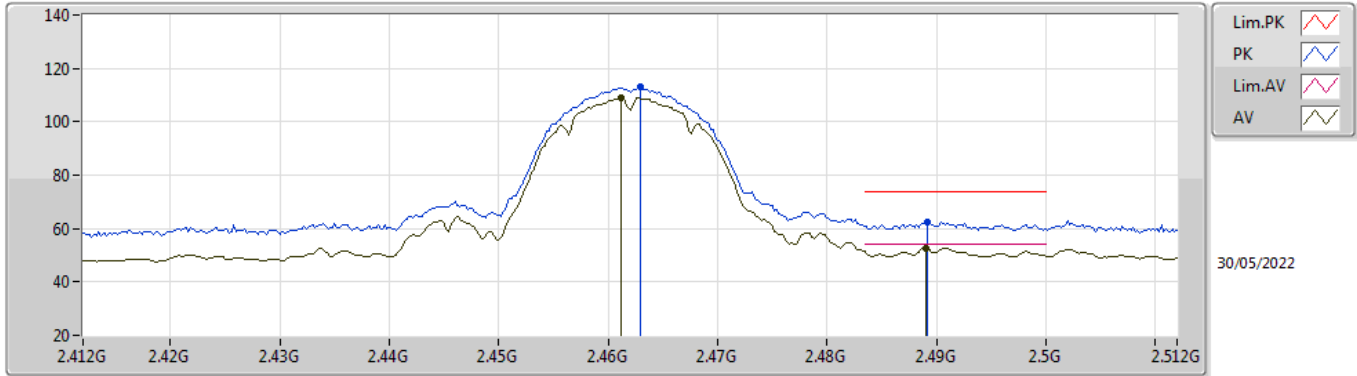
#### 2457MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.91398G	41.76	54.00	-12.24	8.34	3	Horizontal	210	1.11	-	33.42	32.76	9.72	34.14
AV	7.37022G	52.12	54.00	-1.88	13.42	3	Horizontal	10	1.93	-	38.70	36.58	11.33	34.49
PK	4.91394G	48.12	74.00	-25.88	8.34	3	Horizontal	210	1.11	-	39.78	32.76	9.72	34.14
PK	7.37192G	58.22	74.00	-15.78	13.41	3	Horizontal	10	1.93	-	44.81	36.57	11.33	34.49

### 802.11b\_Nss1,(1Mbps)\_1TX

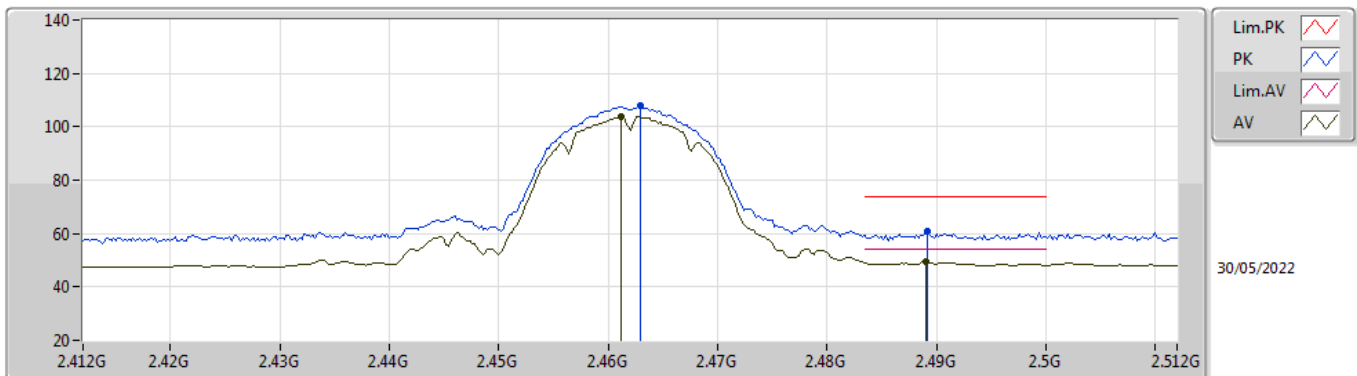
#### 2462MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4612G	109.16	Inf	-Inf	35.90	3	Vertical	75	1.98	-	73.26	27.57	8.33	-
AV	2.489G	52.79	54.00	-1.21	36.08	3	Vertical	75	1.98	-	16.71	27.73	8.35	-
PK	2.463G	112.89	Inf	-Inf	35.91	3	Vertical	75	1.98	-	76.98	27.58	8.33	-
PK	2.4892G	62.57	74.00	-11.43	36.09	3	Vertical	75	1.98	-	26.48	27.74	8.35	-

### 802.11b\_Nss1,(1Mbps)\_1TX

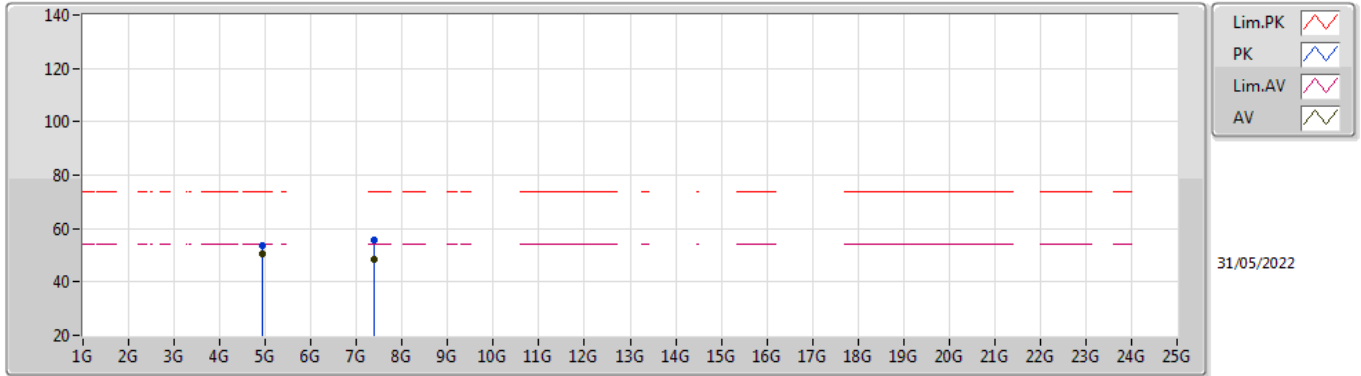
#### 2462MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4612G	103.89	Inf	-Inf	35.90	3	Horizontal	163	1.00	-	67.99	27.57	8.33	-
AV	2.489G	49.45	54.00	-4.55	36.08	3	Horizontal	163	1.00	-	13.37	27.73	8.35	-
PK	2.463G	107.76	Inf	-Inf	35.91	3	Horizontal	163	1.00	-	71.85	27.58	8.33	-
PK	2.4892G	61.07	74.00	-12.93	36.09	3	Horizontal	163	1.00	-	24.98	27.74	8.35	-

### 802.11b\_Nss1,(1Mbps)\_1TX

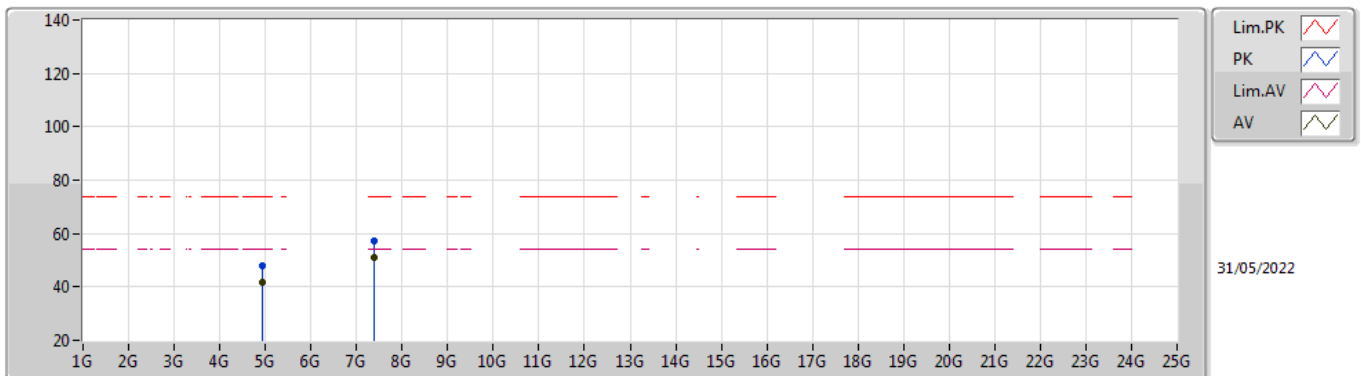
#### 2462MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.924G	50.56	54.00	-3.44	8.38	3	Vertical	270	1.28	-	42.18	32.80	9.72	34.14
AV	7.38522G	48.47	54.00	-5.53	13.34	3	Vertical	194	1.32	-	35.13	36.49	11.34	34.49
PK	4.92394G	53.48	74.00	-20.52	8.38	3	Vertical	270	1.28	-	45.10	32.80	9.72	34.14
PK	7.385G	55.48	74.00	-18.52	13.34	3	Vertical	194	1.32	-	42.14	36.49	11.34	34.49

### 802.11b\_Nss1,(1Mbps)\_1TX

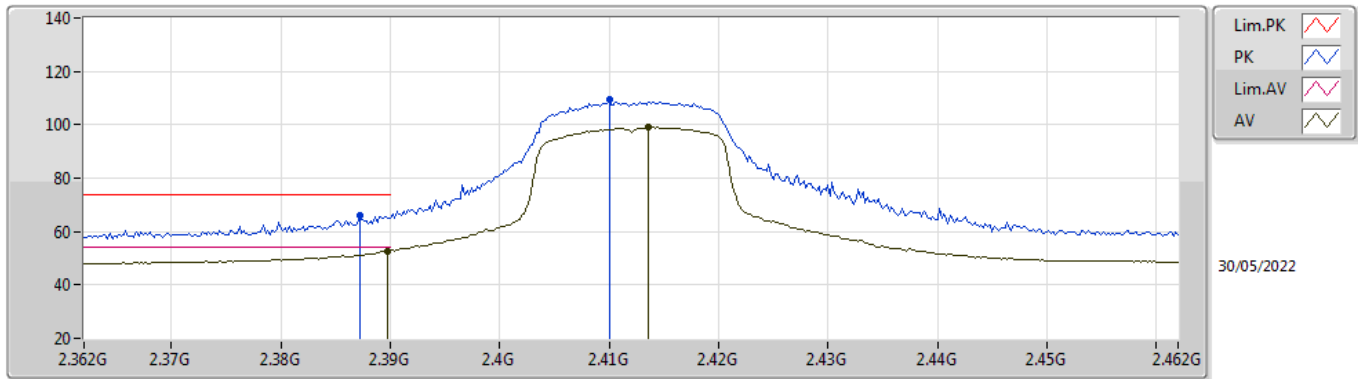
#### 2462MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.924G	41.47	54.00	-12.53	8.38	3	Horizontal	210	1.09	-	33.09	32.80	9.72	34.14
AV	7.38522G	51.25	54.00	-2.75	13.34	3	Horizontal	11	1.66	-	37.91	36.49	11.34	34.49
PK	4.92398G	48.02	74.00	-25.98	8.38	3	Horizontal	210	1.09	-	39.64	32.80	9.72	34.14
PK	7.385G	57.01	74.00	-16.99	13.34	3	Horizontal	11	1.66	-	43.67	36.49	11.34	34.49

### 802.11g\_Nss1,(6Mbps)\_1TX

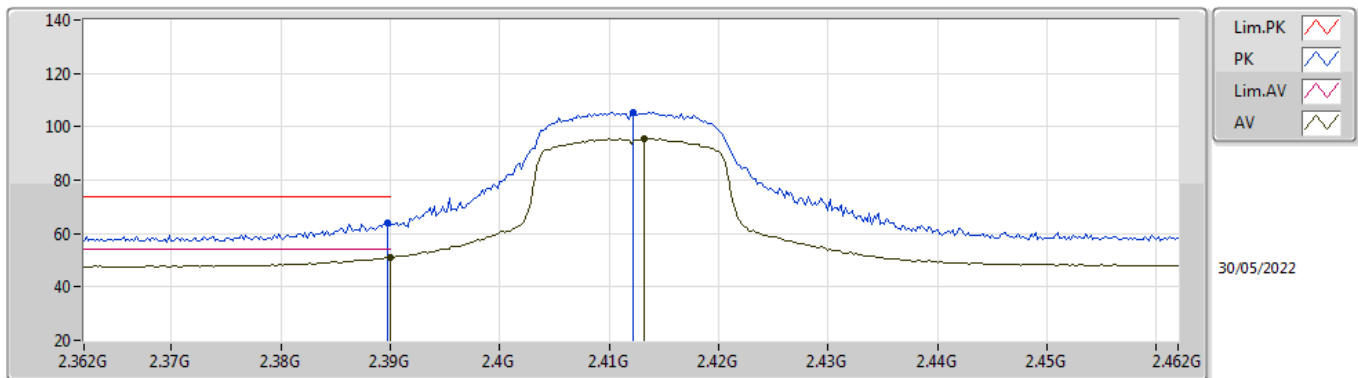
#### 2412MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	52.78	54.00	-1.22	35.56	3	Vertical	222	1.50	-	17.22	27.28	8.28	-
AV	2.4136G	99.22	Inf	-Inf	35.65	3	Vertical	222	1.50	-	63.57	27.35	8.30	-
PK	2.3872G	65.93	74.00	-8.07	35.55	3	Vertical	222	1.50	-	30.38	27.27	8.28	-
PK	2.41G	109.53	Inf	-Inf	35.64	3	Vertical	222	1.50	-	73.89	27.34	8.30	-

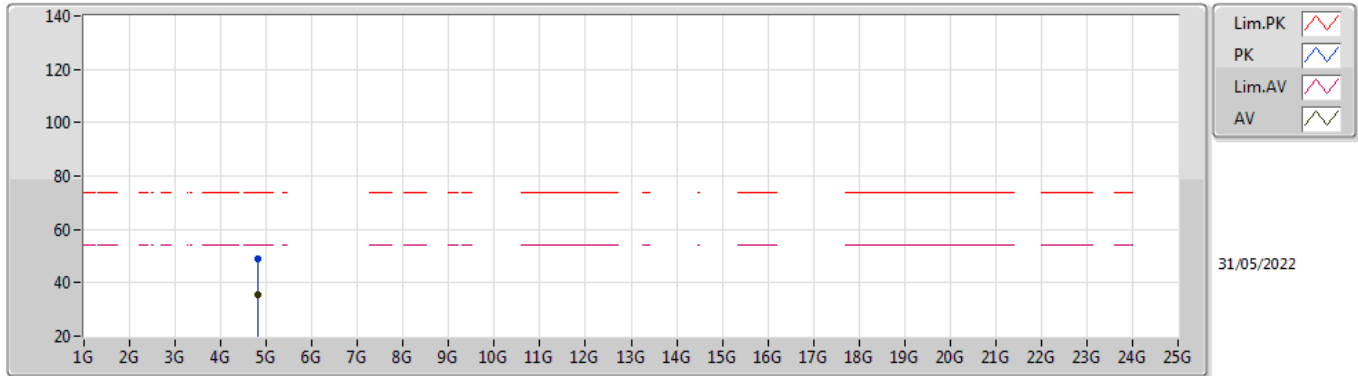
### 802.11g\_Nss1,(6Mbps)\_1TX

#### 2412MHz\_TX



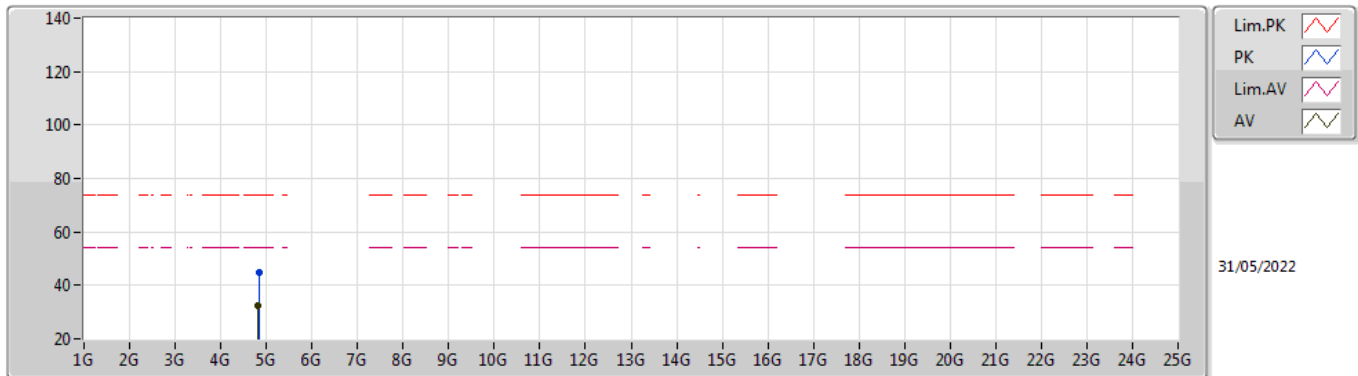
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	51.13	54.00	-2.87	35.56	3	Horizontal	164	1.21	-	15.57	27.28	8.28	-
AV	2.4132G	95.72	Inf	-Inf	35.65	3	Horizontal	164	1.21	-	60.07	27.35	8.30	-
PK	2.3898G	63.85	74.00	-10.15	35.56	3	Horizontal	164	1.21	-	28.29	27.28	8.28	-
PK	2.4122G	105.41	Inf	-Inf	35.65	3	Horizontal	164	1.21	-	69.76	27.35	8.30	-

**802.11g\_Nss1,(6Mbps)\_1TX**  
**2412MHz\_TX**



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8248G	35.33	54.00	-18.67	8.05	3	Vertical	271	1.27	-	27.28	32.55	9.68	34.18
PK	4.82268G	48.71	74.00	-25.29	8.04	3	Vertical	271	1.27	-	40.67	32.55	9.68	34.19

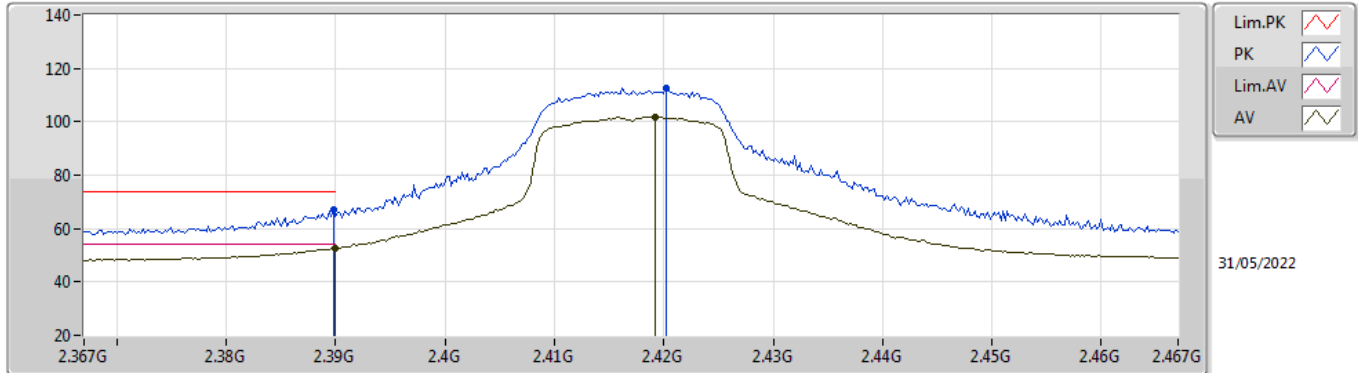
**802.11g\_Nss1,(6Mbps)\_1TX**  
**2412MHz\_TX**



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82516G	32.25	54.00	-21.75	8.05	3	Horizontal	209	2.58	-	24.20	32.55	9.68	34.18
PK	4.83056G	44.89	74.00	-29.11	8.06	3	Horizontal	209	2.58	-	36.83	32.56	9.68	34.18

### 802.11g\_Nss1,(6Mbps)\_1TX

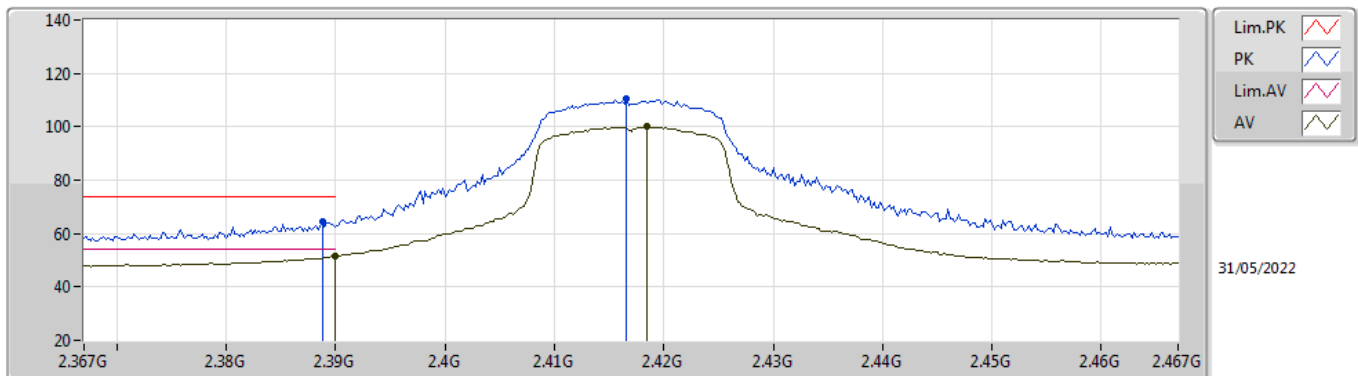
#### 2417MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	52.61	54.00	-1.39	35.56	3	Vertical	227	1.95	-	17.05	27.28	8.28	-
AV	2.4192G	101.87	Inf	-Inf	35.68	3	Vertical	227	1.95	-	66.19	27.38	8.30	-
PK	2.3898G	67.18	74.00	-6.82	35.56	3	Vertical	227	1.95	-	31.62	27.28	8.28	-
PK	2.4202G	112.46	Inf	-Inf	35.68	3	Vertical	227	1.95	-	76.78	27.38	8.30	-

### 802.11g\_Nss1,(6Mbps)\_1TX

#### 2417MHz\_TX

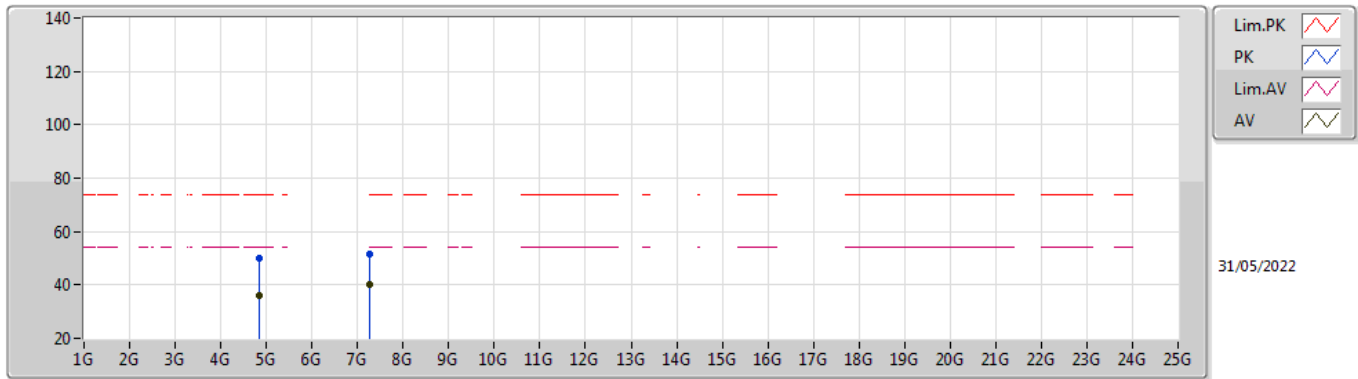


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	51.48	54.00	-2.52	35.56	3	Horizontal	325	1.88	-	15.92	27.28	8.28	-
AV	2.4184G	99.92	Inf	-Inf	35.67	3	Horizontal	325	1.88	-	64.25	27.37	8.30	-
PK	2.3888G	64.31	74.00	-9.69	35.56	3	Horizontal	325	1.88	-	28.75	27.28	8.28	-
PK	2.4166G	110.75	Inf	-Inf	35.67	3	Horizontal	325	1.88	-	75.08	27.37	8.30	-



### 802.11g\_Nss1,(6Mbps)\_1TX

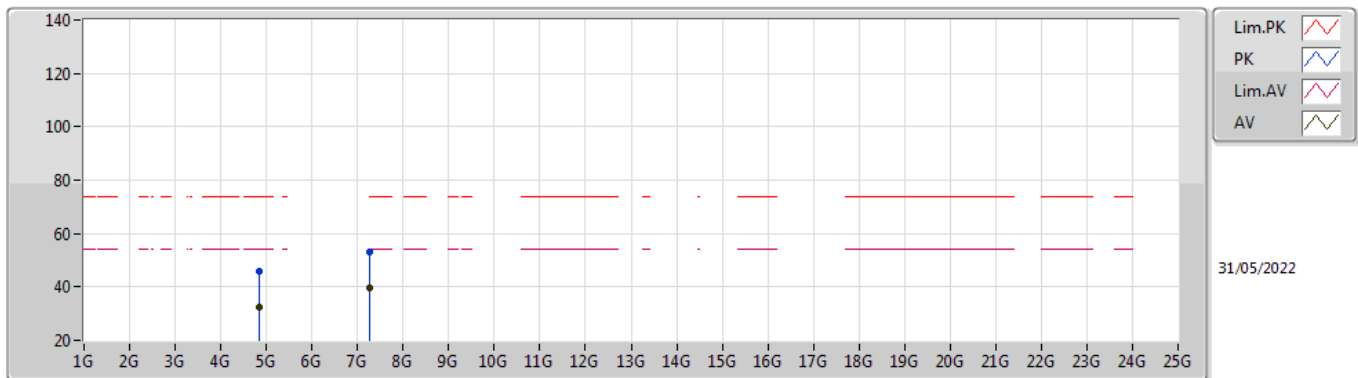
#### 2417MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.83532G	36.22	54.00	-17.78	8.07	3	Vertical	270	1.50	-	28.15	32.57	9.68	34.18
AV	7.2508G	40.00	54.00	-14.00	13.51	3	Vertical	175	2.92	-	26.49	36.70	11.31	34.50
PK	4.83816G	50.22	74.00	-23.78	8.09	3	Vertical	270	1.50	-	42.13	32.58	9.69	34.18
PK	7.25476G	51.30	74.00	-22.70	13.50	3	Vertical	175	2.92	-	37.80	36.69	11.31	34.50

### 802.11g\_Nss1,(6Mbps)\_1TX

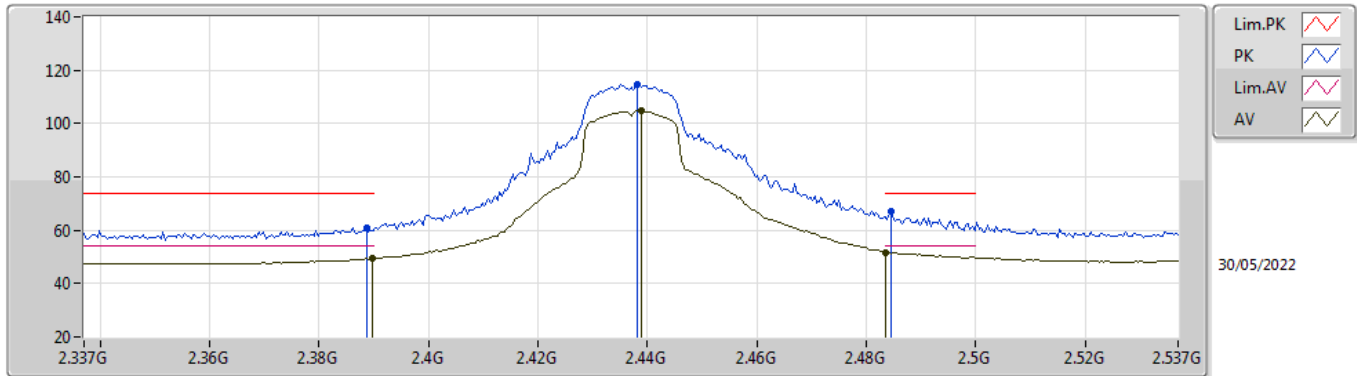
#### 2417MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8382G	32.37	54.00	-21.63	8.09	3	Horizontal	211	1.50	-	24.28	32.58	9.69	34.18
AV	7.25056G	39.73	54.00	-14.27	13.51	3	Horizontal	360	3.00	-	26.22	36.70	11.31	34.50
PK	4.8366G	46.06	74.00	-27.94	8.07	3	Horizontal	211	1.50	-	37.99	32.57	9.68	34.18
PK	7.25008G	52.95	74.00	-21.05	13.51	3	Horizontal	360	3.00	-	39.44	36.70	11.31	34.50

### 802.11g\_Nss1,(6Mbps)\_1TX

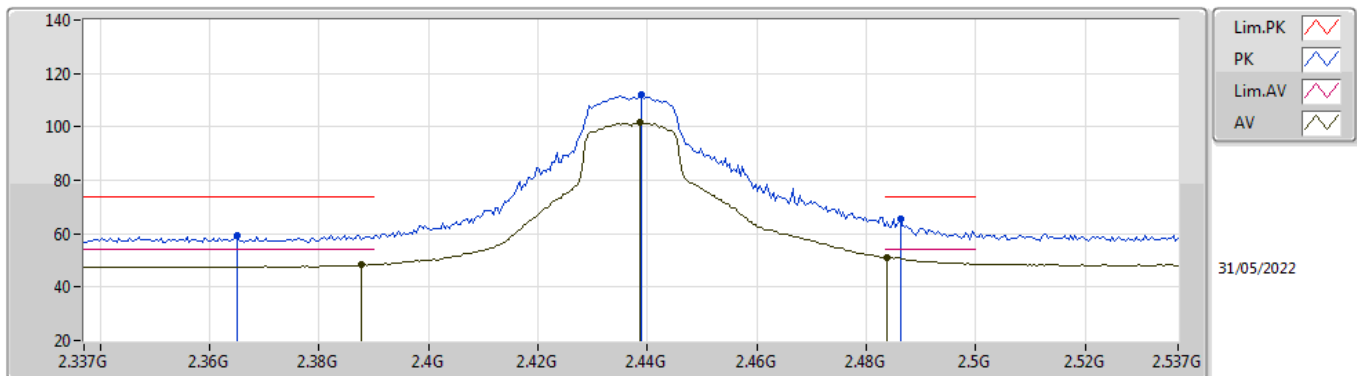
#### 2437MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	49.41	54.00	-4.59	35.56	3	Vertical	223	1.89	-	13.85	27.28	8.28	-
AV	2.439G	104.78	Inf	-Inf	35.78	3	Vertical	223	1.89	-	69.00	27.46	8.32	-
AV	2.4835G	51.79	54.00	-2.21	36.04	3	Vertical	223	1.89	-	15.75	27.70	8.34	-
PK	2.3886G	60.76	74.00	-13.24	35.56	3	Vertical	223	1.89	-	25.20	27.28	8.28	-
PK	2.4382G	114.42	Inf	-Inf	35.76	3	Vertical	223	1.89	-	78.66	27.45	8.31	-
PK	2.4846G	67.17	74.00	-6.83	36.05	3	Vertical	223	1.89	-	31.12	27.71	8.34	-

### 802.11g\_Nss1,(6Mbps)\_1TX

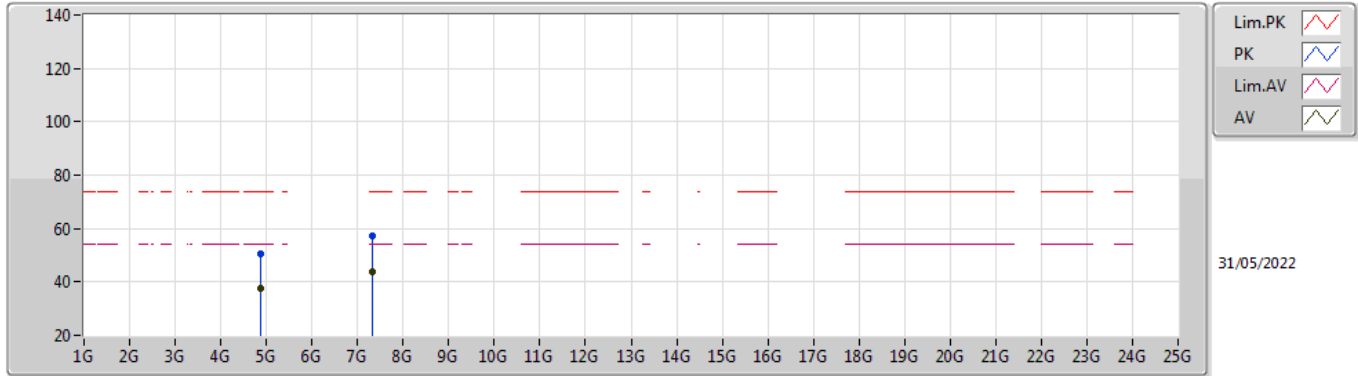
#### 2437MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3878G	48.34	54.00	-5.66	35.56	3	Horizontal	327	1.65	-	12.78	27.28	8.28	-
AV	2.4386G	101.69	Inf	-Inf	35.77	3	Horizontal	327	1.65	-	65.92	27.45	8.32	-
AV	2.4838G	51.12	54.00	-2.88	36.04	3	Horizontal	327	1.65	-	15.08	27.70	8.34	-
PK	2.365G	59.12	74.00	-14.88	35.49	3	Horizontal	327	1.65	-	23.63	27.23	8.26	-
PK	2.439G	111.97	Inf	-Inf	35.78	3	Horizontal	327	1.65	-	76.19	27.46	8.32	-
PK	2.4862G	65.54	74.00	-8.46	36.07	3	Horizontal	327	1.65	-	29.47	27.72	8.35	-

### 802.11g\_Nss1,(6Mbps)\_1TX

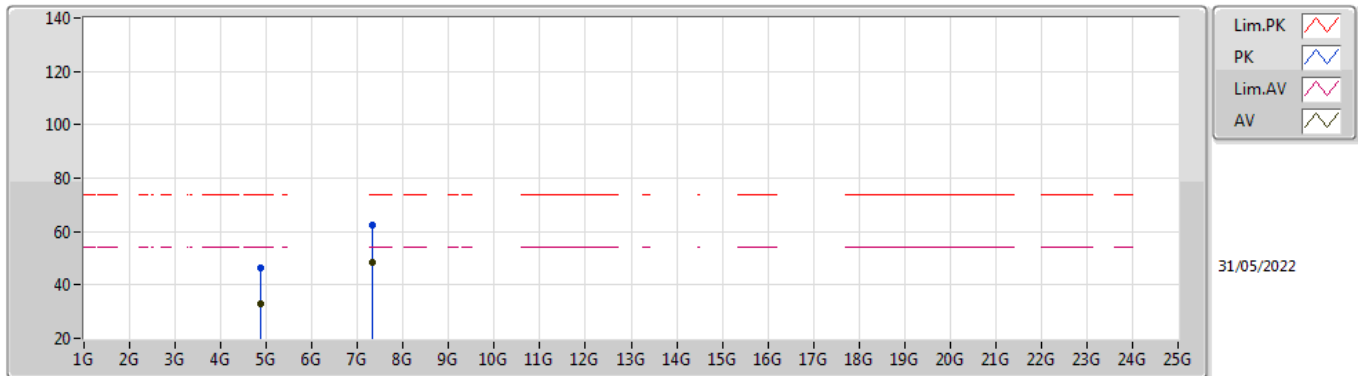
#### 2437MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87432G	37.82	54.00	-16.18	8.19	3	Vertical	270	1.25	-	29.63	32.65	9.70	34.16
AV	7.31088G	43.58	54.00	-10.42	13.44	3	Vertical	195	1.49	-	30.14	36.62	11.32	34.50
PK	4.87316G	50.63	74.00	-23.37	8.19	3	Vertical	270	1.25	-	42.44	32.65	9.70	34.16
PK	7.31404G	57.16	74.00	-16.84	13.45	3	Vertical	195	1.49	-	43.71	36.63	11.32	34.50

### 802.11g\_Nss1,(6Mbps)\_1TX

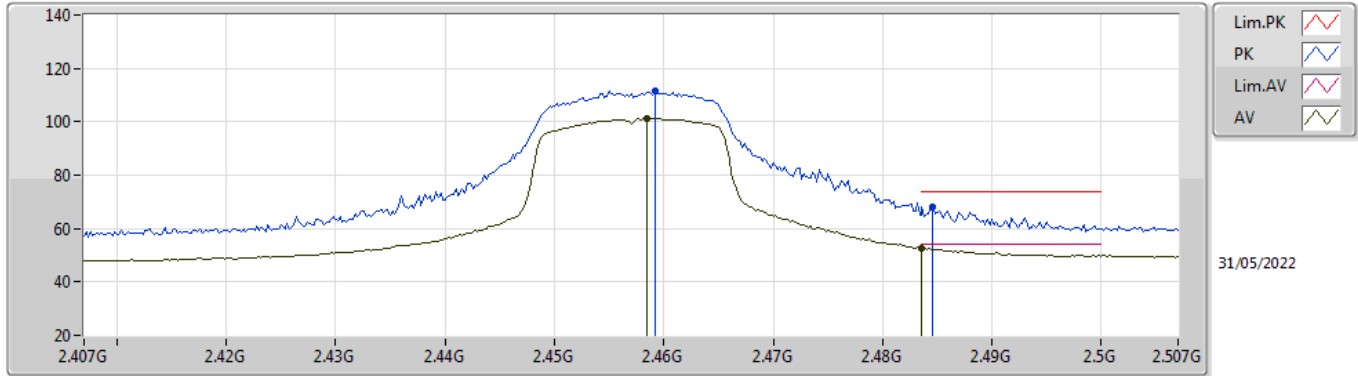
#### 2437MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87516G	32.89	54.00	-21.11	8.19	3	Horizontal	210	1.16	-	24.70	32.65	9.70	34.16
AV	7.31312G	48.39	54.00	-5.61	13.45	3	Horizontal	8	1.86	-	34.94	36.63	11.32	34.50
PK	4.87748G	46.16	74.00	-27.84	8.19	3	Horizontal	210	1.16	-	37.97	32.65	9.70	34.16
PK	7.31592G	62.22	74.00	-11.78	13.45	3	Horizontal	8	1.86	-	48.77	36.63	11.32	34.50

### 802.11g\_Nss1,(6Mbps)\_1TX

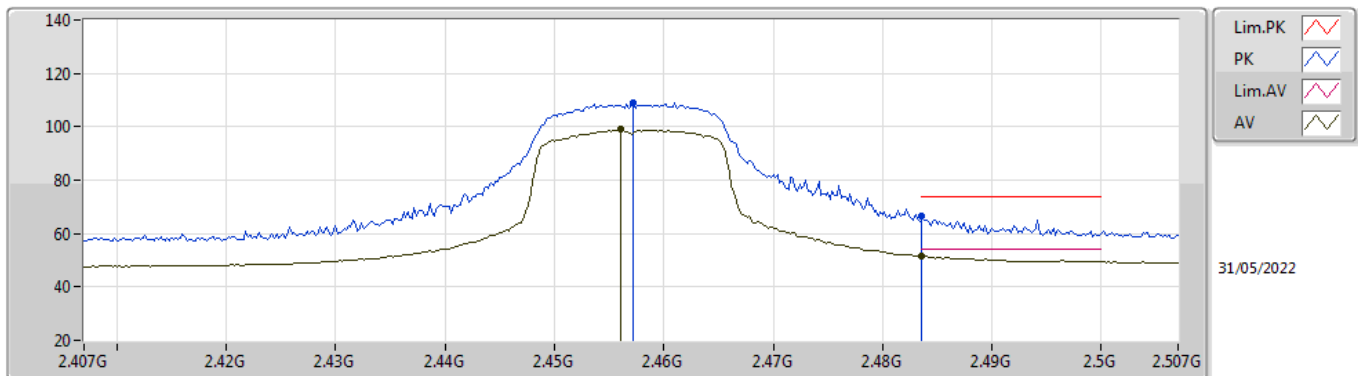
#### 2457MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4584G	101.33	Inf	-Inf	35.88	3	Vertical	226	2.12	-	65.45	27.55	8.33	-
AV	2.4836G	52.64	54.00	-1.36	36.04	3	Vertical	226	2.12	-	16.60	27.70	8.34	-
PK	2.4592G	111.45	Inf	-Inf	35.89	3	Vertical	226	2.12	-	75.56	27.56	8.33	-
PK	2.4846G	68.17	74.00	-5.83	36.05	3	Vertical	226	2.12	-	32.12	27.71	8.34	-

### 802.11g\_Nss1,(6Mbps)\_1TX

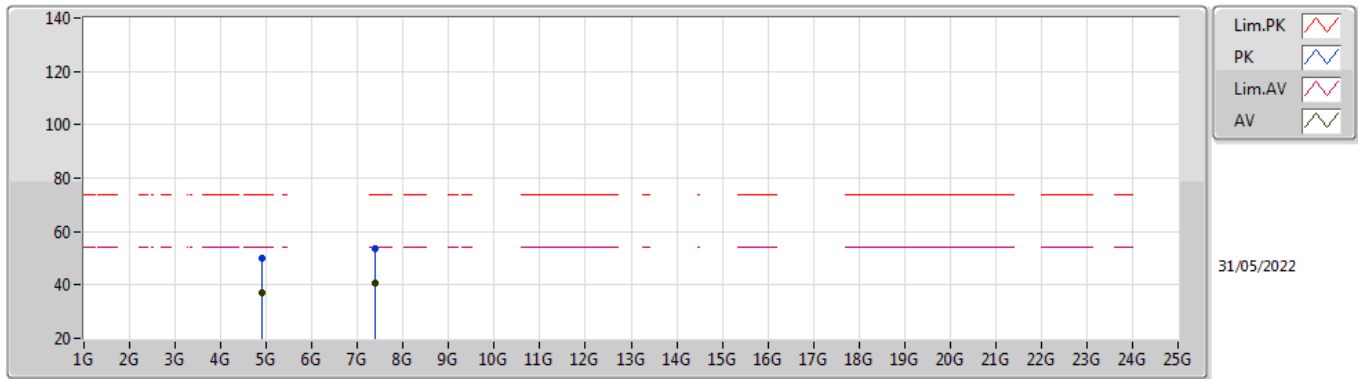
#### 2457MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.456G	98.97	Inf	-Inf	35.87	3	Horizontal	327	2.03	-	63.10	27.54	8.33	-
AV	2.4835G	51.44	54.00	-2.56	36.04	3	Horizontal	327	2.03	-	15.40	27.70	8.34	-
PK	2.4572G	108.86	Inf	-Inf	35.87	3	Horizontal	327	2.03	-	72.99	27.54	8.33	-
PK	2.4836G	66.47	74.00	-7.53	36.04	3	Horizontal	327	2.03	-	30.43	27.70	8.34	-

### 802.11g\_Nss1,(6Mbps)\_1TX

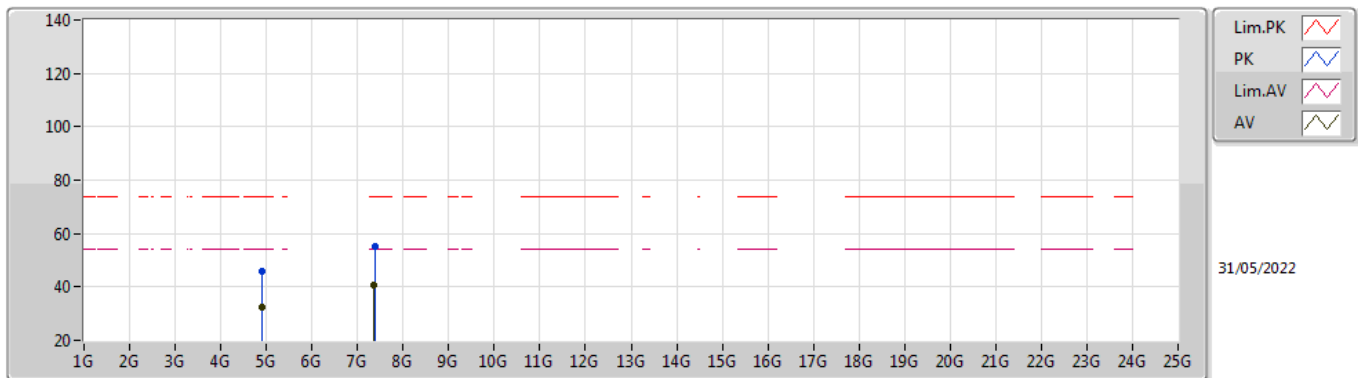
#### 2457MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.91384G	37.04	54.00	-16.96	8.34	3	Vertical	270	1.26	-	28.70	32.76	9.72	34.14
AV	7.371G	40.89	54.00	-13.11	13.41	3	Vertical	175	2.93	-	27.48	36.57	11.33	34.49
PK	4.91532G	50.25	74.00	-23.75	8.34	3	Vertical	270	1.26	-	41.91	32.76	9.72	34.14
PK	7.37248G	53.45	74.00	-20.55	13.41	3	Vertical	175	2.93	-	40.04	36.57	11.33	34.49

### 802.11g\_Nss1,(6Mbps)\_1TX

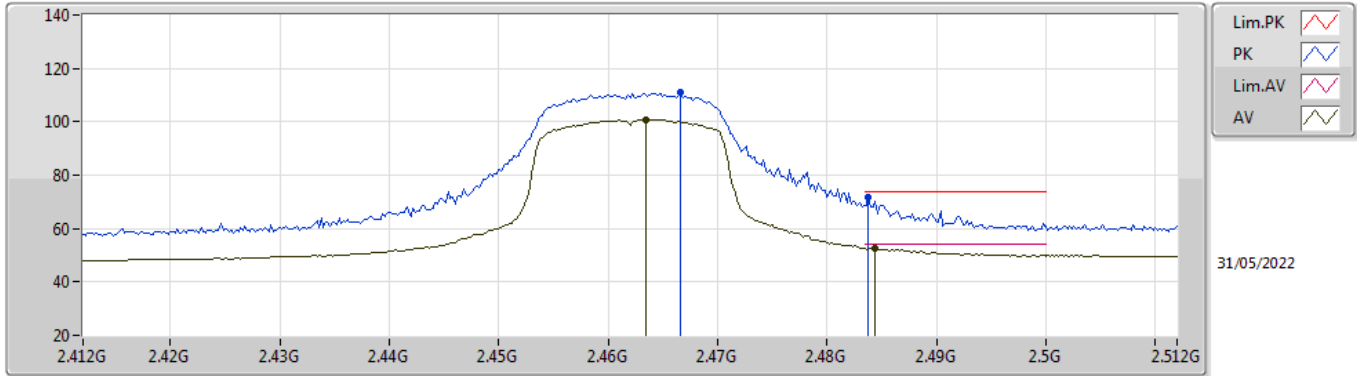
#### 2457MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.91832G	32.37	54.00	-21.63	8.35	3	Horizontal	208	3.00	-	24.02	32.77	9.72	34.14
AV	7.36756G	40.85	54.00	-13.15	13.43	3	Horizontal	360	3.00	-	27.42	36.59	11.33	34.49
PK	4.91792G	45.66	74.00	-28.34	8.35	3	Horizontal	208	3.00	-	37.31	32.77	9.72	34.14
PK	7.37328G	55.33	74.00	-18.67	13.40	3	Horizontal	360	3.00	-	41.93	36.56	11.33	34.49

### 802.11g\_Nss1,(6Mbps)\_1TX

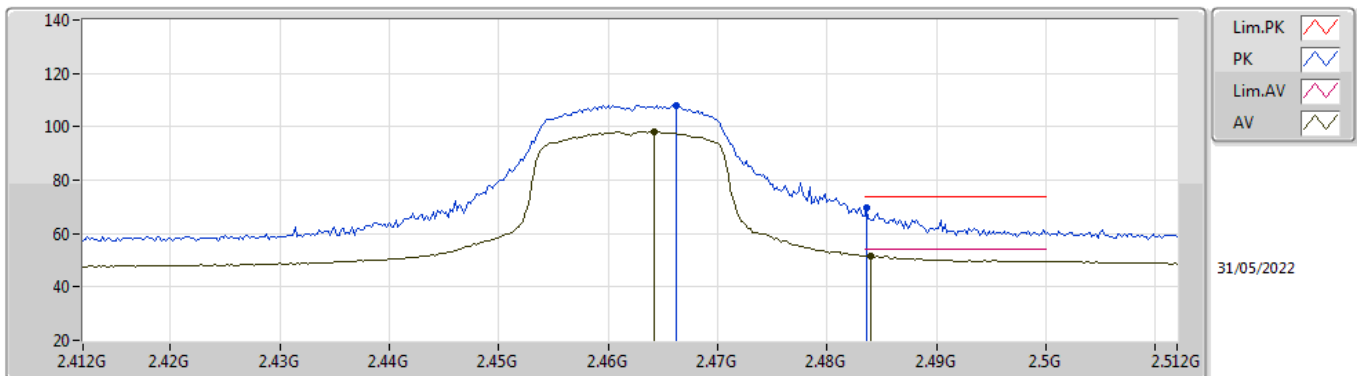
#### 2462MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4634G	100.76	Inf	-Inf	35.91	3	Vertical	228	2.12	-	64.85	27.58	8.33	-
AV	2.4844G	52.68	54.00	-1.32	36.05	3	Vertical	228	2.12	-	16.63	27.71	8.34	-
PK	2.4666G	110.81	Inf	-Inf	35.93	3	Vertical	228	2.12	-	74.88	27.60	8.33	-
PK	2.4838G	71.83	74.00	-2.17	36.04	3	Vertical	228	2.12	-	35.79	27.70	8.34	-

### 802.11g\_Nss1,(6Mbps)\_1TX

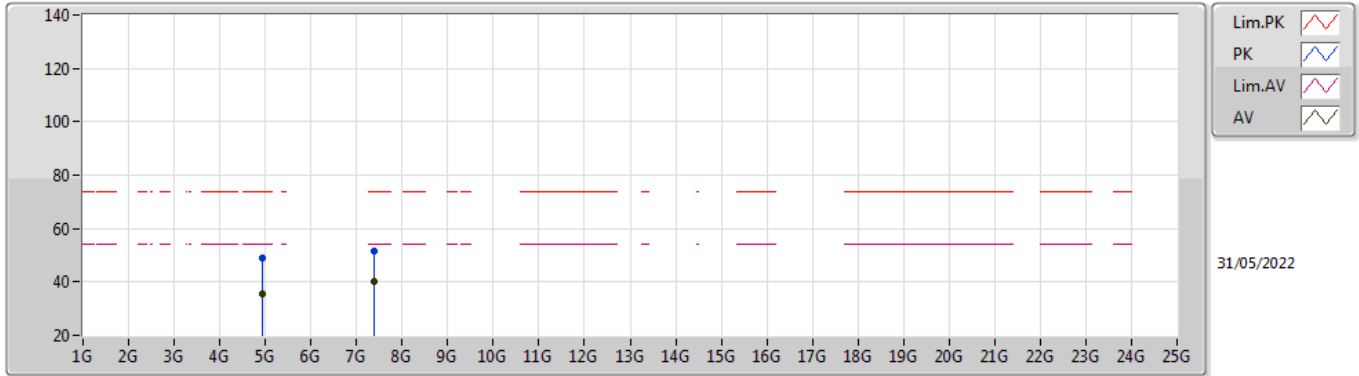
#### 2462MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4642G	98.28	Inf	-Inf	35.92	3	Horizontal	326	2.05	-	62.36	27.59	8.33	-
AV	2.484G	51.66	54.00	-2.34	36.04	3	Horizontal	326	2.05	-	15.62	27.70	8.34	-
PK	2.4662G	108.13	Inf	-Inf	35.93	3	Horizontal	326	2.05	-	72.20	27.60	8.33	-
PK	2.4836G	69.85	74.00	-4.15	36.04	3	Horizontal	326	2.05	-	33.81	27.70	8.34	-

### 802.11g\_Nss1,(6Mbps)\_1TX

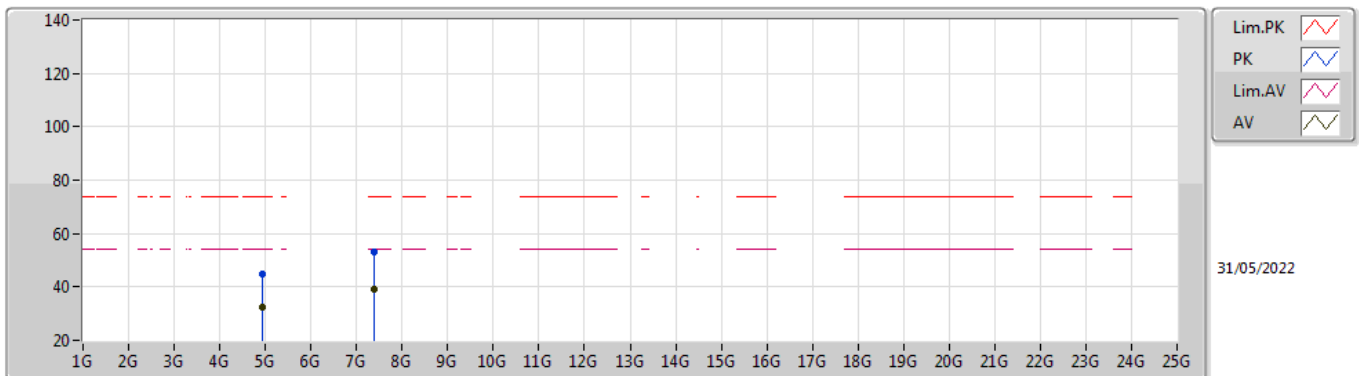
#### 2462MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92368G	35.37	54.00	-18.63	8.37	3	Vertical	268	1.50	-	27.00	32.79	9.72	34.14
AV	7.386G	40.08	54.00	-13.92	13.33	3	Vertical	191	3.00	-	26.75	36.48	11.34	34.49
PK	4.9244G	49.04	74.00	-24.96	8.38	3	Vertical	268	1.50	-	40.66	32.80	9.72	34.14
PK	7.38608G	51.44	74.00	-22.56	13.33	3	Vertical	191	3.00	-	38.11	36.48	11.34	34.49

### 802.11g\_Nss1,(6Mbps)\_1TX

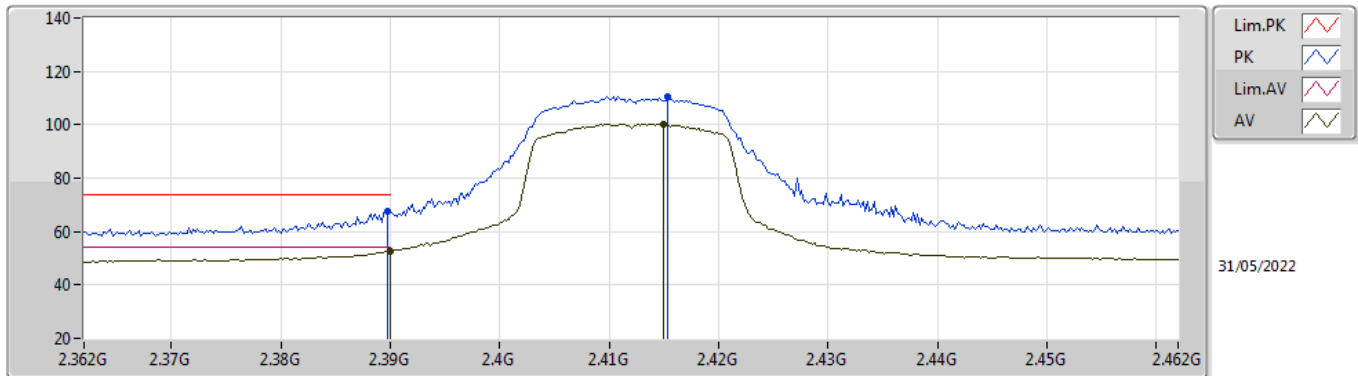
#### 2462MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92436G	32.41	54.00	-21.59	8.38	3	Horizontal	226	1.18	-	24.03	32.80	9.72	34.14
AV	7.38708G	39.31	54.00	-14.69	13.33	3	Horizontal	10	1.86	-	25.98	36.48	11.34	34.49
PK	4.92724G	45.07	74.00	-28.93	8.40	3	Horizontal	226	1.18	-	36.67	32.81	9.72	34.13
PK	7.38408G	53.31	74.00	-20.69	13.35	3	Horizontal	10	1.86	-	39.96	36.50	11.34	34.49

### 802.11n HT20\_Nss1,(MCS0)\_1TX

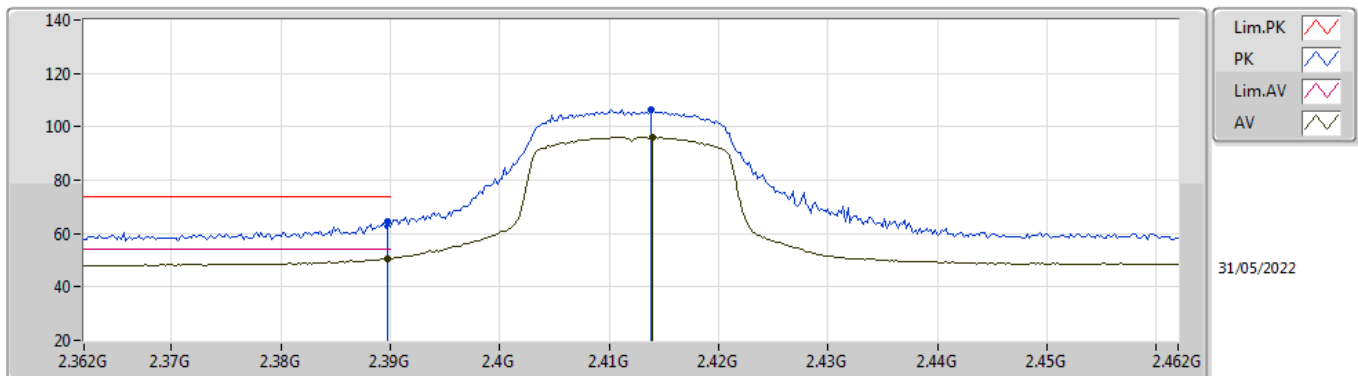
#### 2412MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	52.68	54.00	-1.32	35.56	3	Vertical	67	2.20	-	17.12	27.28	8.28	-
AV	2.415G	100.28	Inf	-Inf	35.66	3	Vertical	67	2.20	-	64.62	27.36	8.30	-
PK	2.3898G	67.57	74.00	-6.43	35.56	3	Vertical	67	2.20	-	32.01	27.28	8.28	-
PK	2.4154G	110.64	Inf	-Inf	35.66	3	Vertical	67	2.20	-	74.98	27.36	8.30	-

### 802.11n HT20\_Nss1,(MCS0)\_1TX

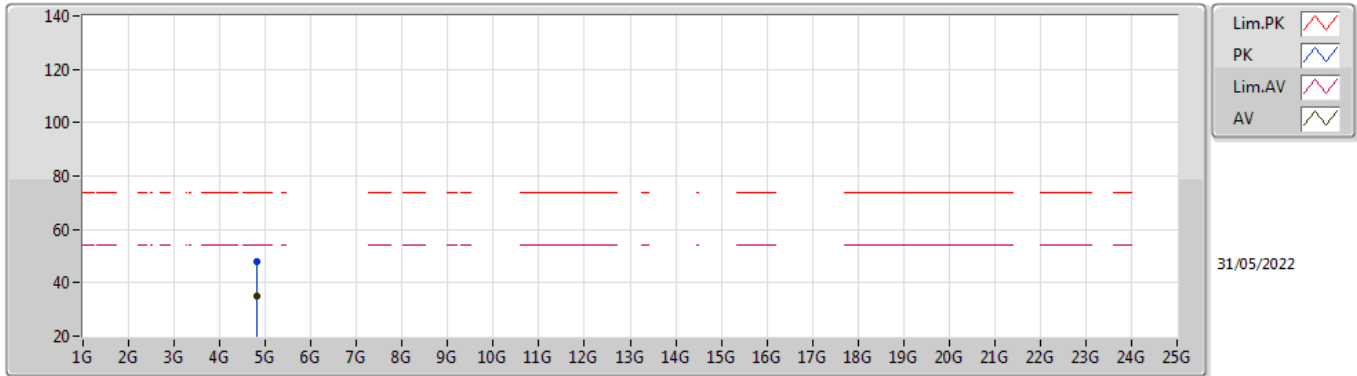
#### 2412MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	50.64	54.00	-3.36	35.56	3	Horizontal	76	2.40	-	15.08	27.28	8.28	-
AV	2.414G	96.08	Inf	-Inf	35.66	3	Horizontal	76	2.40	-	60.42	27.36	8.30	-
PK	2.3898G	64.64	74.00	-9.36	35.56	3	Horizontal	76	2.40	-	29.08	27.28	8.28	-
PK	2.4138G	106.27	Inf	-Inf	35.66	3	Horizontal	76	2.40	-	70.61	27.36	8.30	-

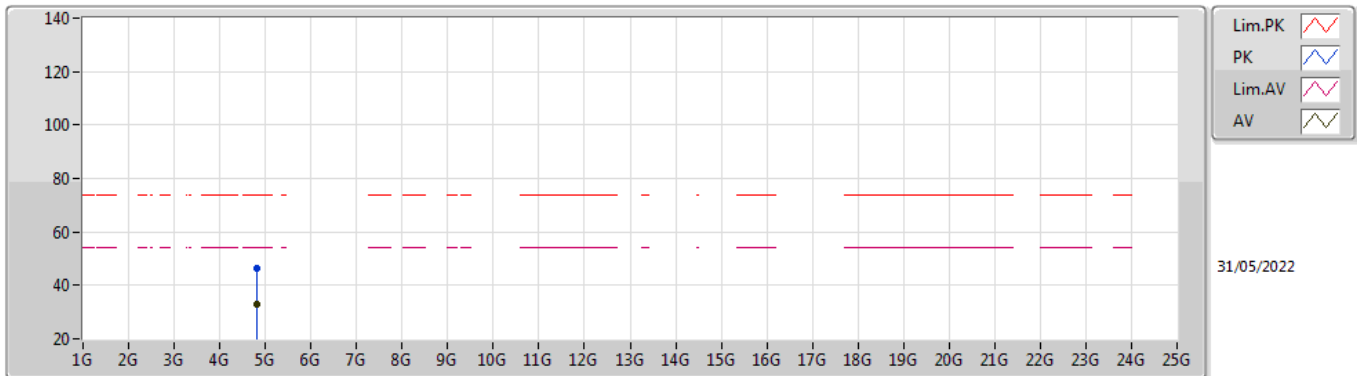


**802.11n HT20\_Nss1,(MCS0)\_1TX**  
**2412MHz\_TX**



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.825G	35.04	54.00	-18.96	8.05	3	Vertical	100	2.80	-	26.99	32.55	9.68	34.18
PK	4.82784G	47.77	74.00	-26.23	8.06	3	Vertical	100	2.80	-	39.71	32.56	9.68	34.18

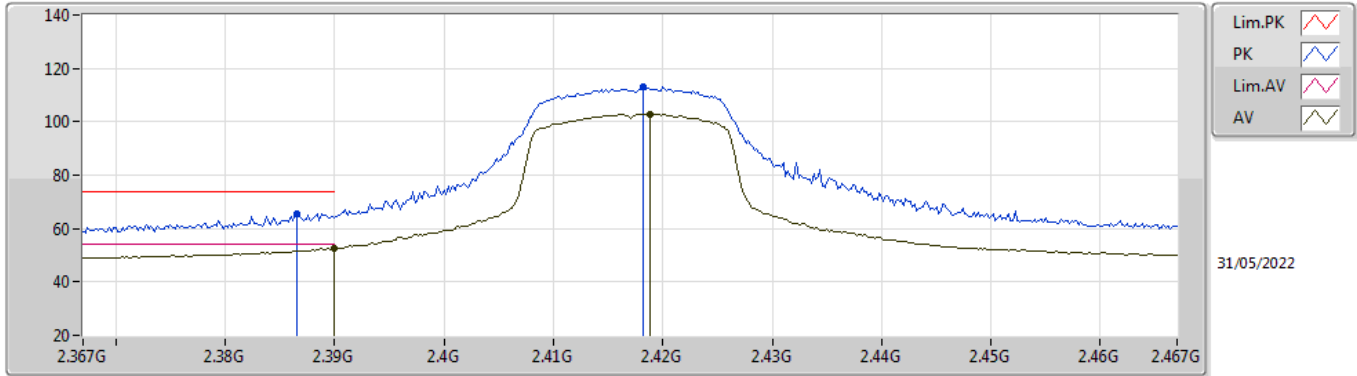
**802.11n HT20\_Nss1,(MCS0)\_1TX**  
**2412MHz\_TX**



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8224G	32.77	54.00	-21.23	8.03	3	Horizontal	120	2.75	-	24.74	32.54	9.68	34.19
PK	4.8172G	46.34	74.00	-27.66	8.02	3	Horizontal	120	2.75	-	38.32	32.53	9.68	34.19

802.11n HT20\_Nss1,(MCS0)\_1TX

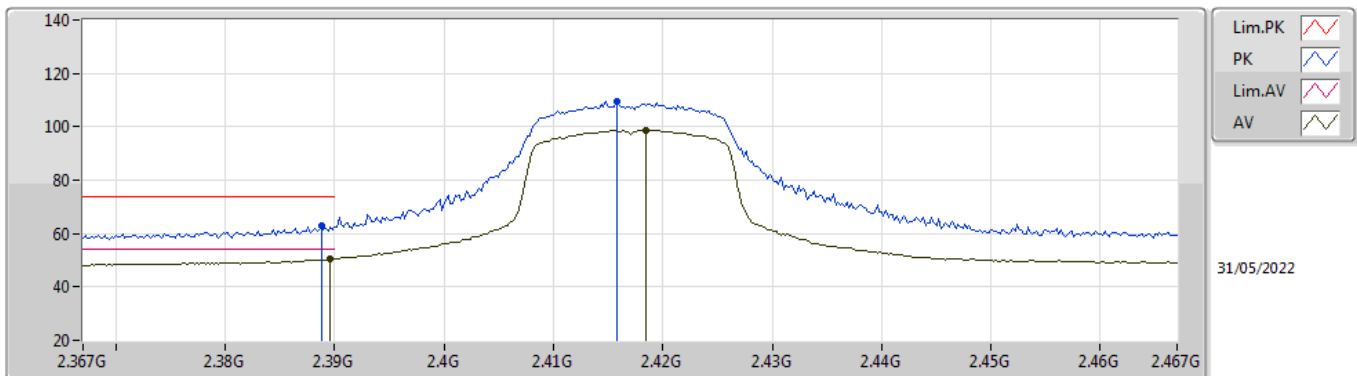
2417MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	52.51	54.00	-1.49	35.56	3	Vertical	66	2.67	-	16.95	27.28	8.28	-
AV	2.4188G	102.98	Inf	-Inf	35.68	3	Vertical	66	2.67	-	67.30	27.38	8.30	-
PK	2.3866G	65.59	74.00	-8.41	35.55	3	Vertical	66	2.67	-	30.04	27.27	8.28	-
PK	2.4182G	113.31	Inf	-Inf	35.67	3	Vertical	66	2.67	-	77.64	27.37	8.30	-

802.11n HT20\_Nss1,(MCS0)\_1TX

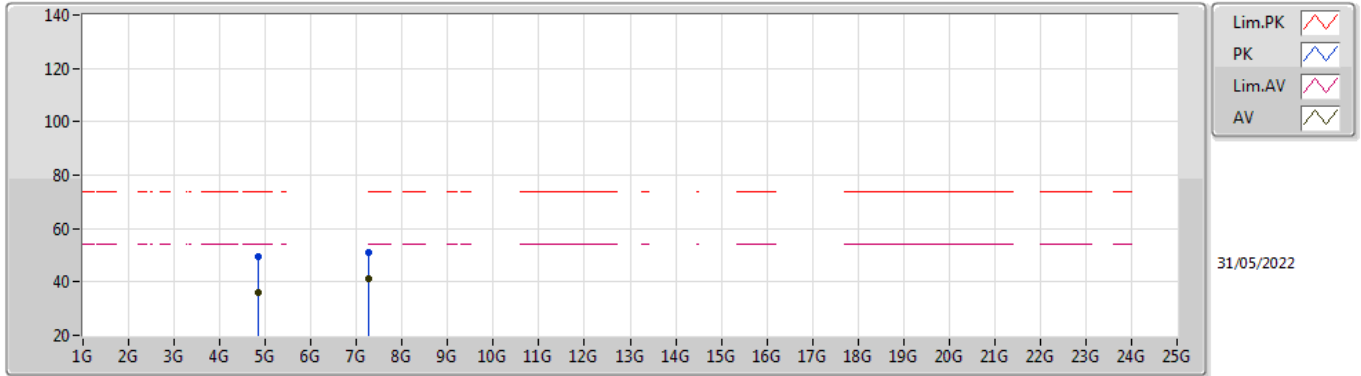
2417MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3896G	50.70	54.00	-3.30	35.56	3	Horizontal	75	2.67	-	15.14	27.28	8.28	-
AV	2.4184G	98.75	Inf	-Inf	35.67	3	Horizontal	75	2.67	-	63.08	27.37	8.30	-
PK	2.3888G	63.16	74.00	-10.84	35.56	3	Horizontal	75	2.67	-	27.60	27.28	8.28	-
PK	2.4158G	109.72	Inf	-Inf	35.66	3	Horizontal	75	2.67	-	74.06	27.36	8.30	-

### 802.11n HT20\_Nss1,(MCS0)\_1TX

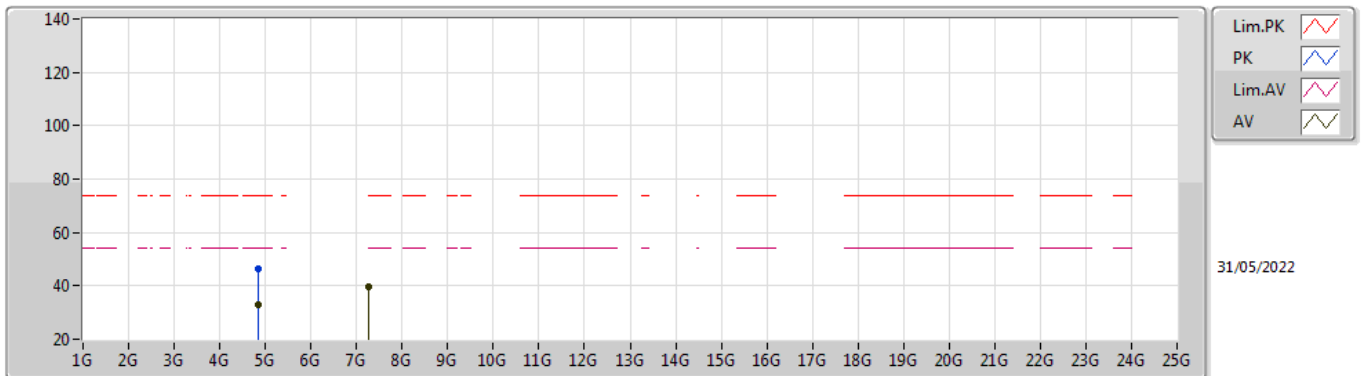
#### 2417MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.83264G	35.83	54.00	-18.17	8.07	3	Vertical	174	2.00	-	27.76	32.57	9.68	34.18
AV	7.25096G	41.20	54.00	-12.80	13.51	3	Vertical	93	2.58	-	27.69	36.70	11.31	34.50
PK	4.83566G	49.70	74.00	-24.30	8.07	3	Vertical	174	2.00	-	41.63	32.57	9.68	34.18
PK	7.25108G	51.25	74.00	-22.75	13.51	3	Vertical	93	2.58	-	37.74	36.70	11.31	34.50

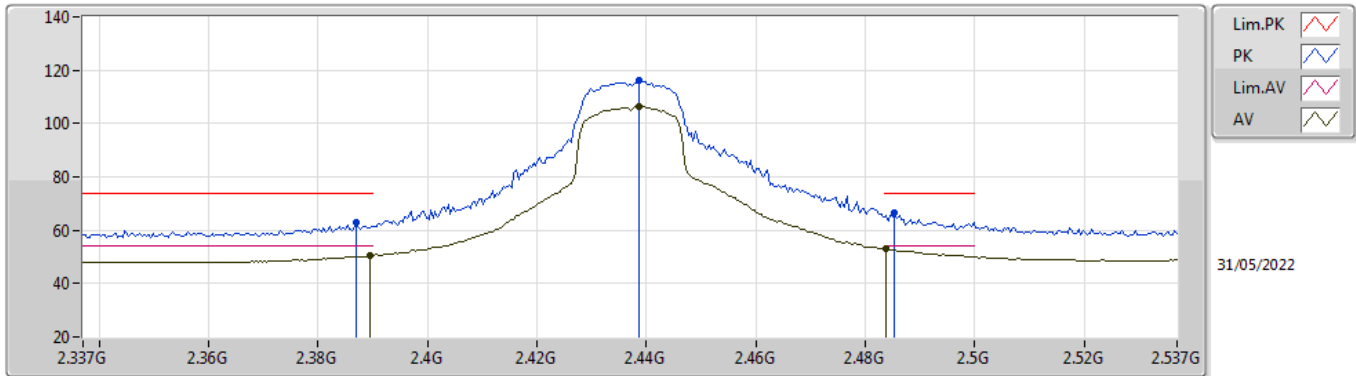
### 802.11n HT20\_Nss1,(MCS0)\_1TX

#### 2417MHz\_TX



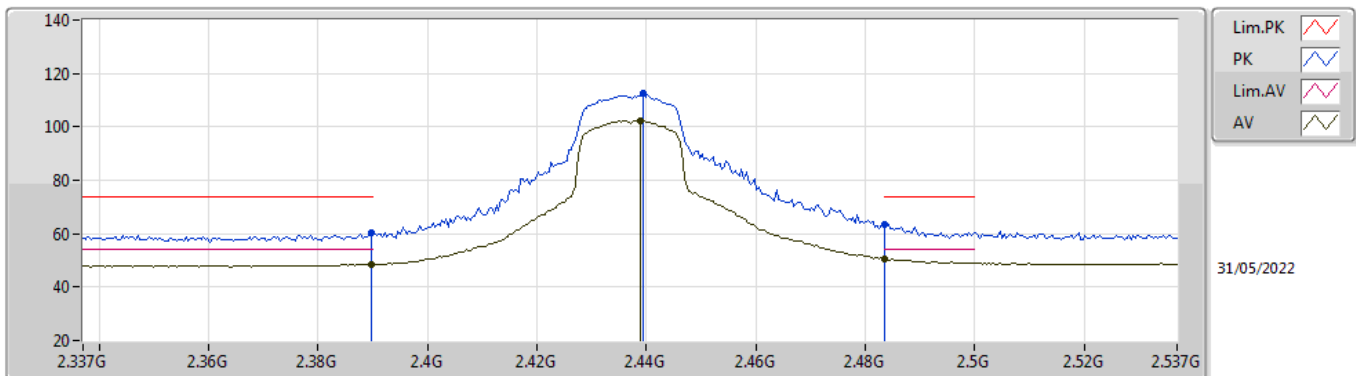
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.83798G	33.08	54.00	-20.92	8.09	3	Horizontal	21	1.00	-	24.99	32.58	9.69	34.18
AV	7.25148G	39.42	54.00	-14.58	13.51	3	Horizontal	176	1.84	-	25.91	36.70	11.31	34.50
PK	4.83508G	46.23	74.00	-27.77	8.07	3	Horizontal	21	1.00	-	38.16	32.57	9.68	34.18

**802.11n HT20\_Nss1,(MCS0)\_1TX**  
**2437MHz\_TX**



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3894G	50.39	54.00	-3.61	35.56	3	Vertical	65	2.39	-	14.83	27.28	8.28	-
AV	2.4386G	106.35	Inf	-Inf	35.77	3	Vertical	65	2.39	-	70.58	27.45	8.32	-
AV	2.4838G	52.90	54.00	-1.10	36.04	3	Vertical	65	2.39	-	16.86	27.70	8.34	-
PK	2.387G	63.05	74.00	-10.95	35.55	3	Vertical	65	2.39	-	27.50	27.27	8.28	-
PK	2.4386G	116.12	Inf	-Inf	35.77	3	Vertical	65	2.39	-	80.35	27.45	8.32	-
PK	2.4854G	66.35	74.00	-7.65	36.06	3	Vertical	65	2.39	-	30.29	27.71	8.35	-

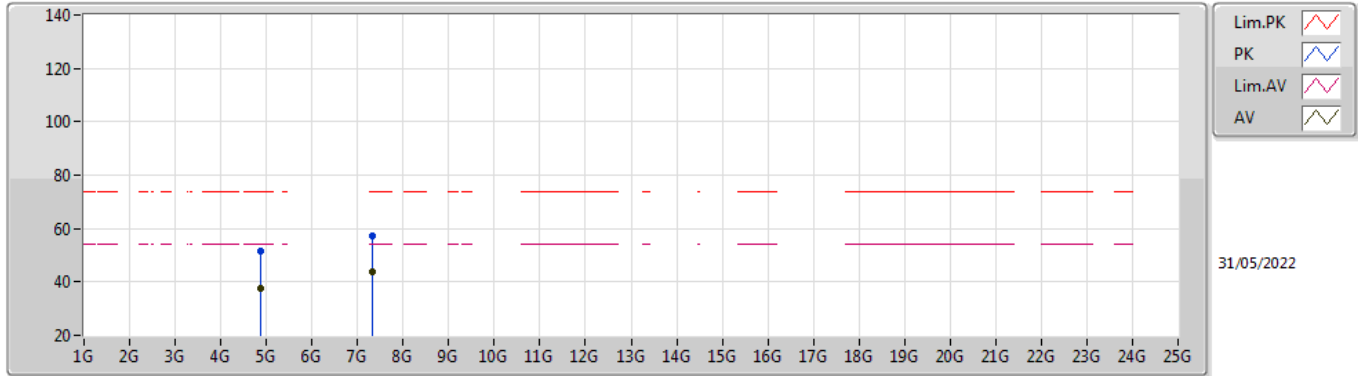
**802.11n HT20\_Nss1,(MCS0)\_1TX**  
**2437MHz\_TX**



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	48.64	54.00	-5.36	35.56	3	Horizontal	75	2.61	-	13.08	27.28	8.28	-
AV	2.439G	102.50	Inf	-Inf	35.78	3	Horizontal	75	2.61	-	66.72	27.46	8.32	-
AV	2.4835G	50.71	54.00	-3.29	36.04	3	Horizontal	75	2.61	-	14.67	27.70	8.34	-
PK	2.3898G	60.22	74.00	-13.78	35.56	3	Horizontal	75	2.61	-	24.66	27.28	8.28	-
PK	2.4394G	112.63	Inf	-Inf	35.78	3	Horizontal	75	2.61	-	76.85	27.46	8.32	-
PK	2.4835G	63.70	74.00	-10.30	36.04	3	Horizontal	75	2.61	-	27.66	27.70	8.34	-

802.11n HT20\_Nss1,(MCS0)\_1TX

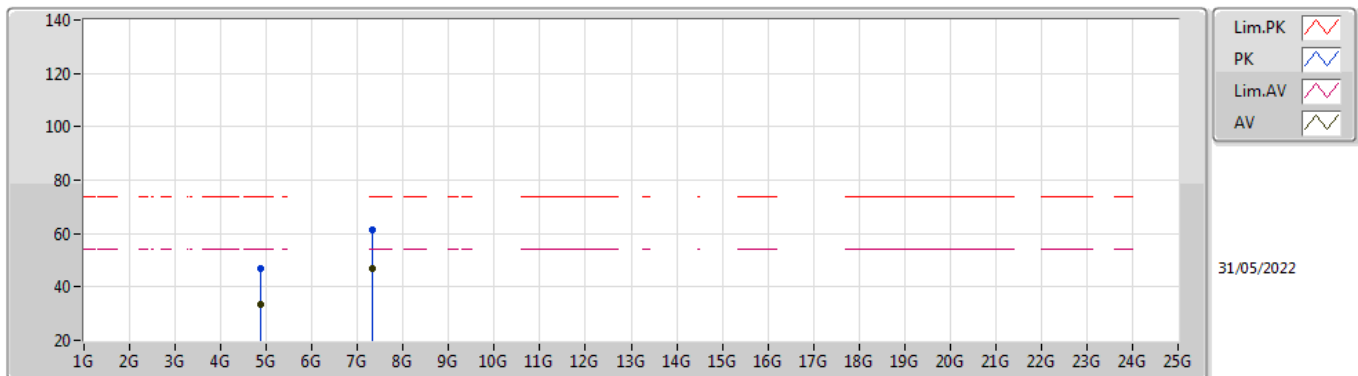
2437MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87424G	37.70	54.00	-16.30	8.19	3	Vertical	174	1.97	-	29.51	32.65	9.70	34.16
AV	7.31044G	43.87	54.00	-10.13	13.44	3	Vertical	4	3.00	-	30.43	36.62	11.32	34.50
PK	4.87812G	51.33	74.00	-22.67	8.20	3	Vertical	174	1.97	-	43.13	32.66	9.70	34.16
PK	7.31028G	57.50	74.00	-16.50	13.44	3	Vertical	4	3.00	-	44.06	36.62	11.32	34.50

802.11n HT20\_Nss1,(MCS0)\_1TX

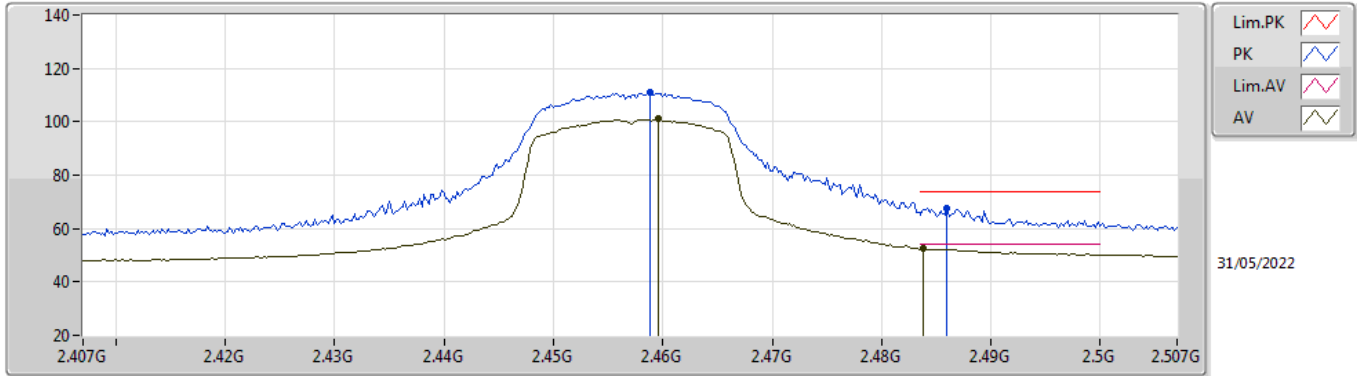
2437MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87792G	33.67	54.00	-20.33	8.20	3	Horizontal	221	1.12	-	25.47	32.66	9.70	34.16
AV	7.31368G	46.96	54.00	-7.04	13.45	3	Horizontal	178	1.88	-	33.51	36.63	11.32	34.50
PK	4.87856G	47.07	74.00	-26.93	8.20	3	Horizontal	221	1.12	-	38.87	32.66	9.70	34.16
PK	7.3164G	61.28	74.00	-12.72	13.45	3	Horizontal	178	1.88	-	47.83	36.63	11.32	34.50

802.11n HT20\_Nss1,(MCS0)\_1TX

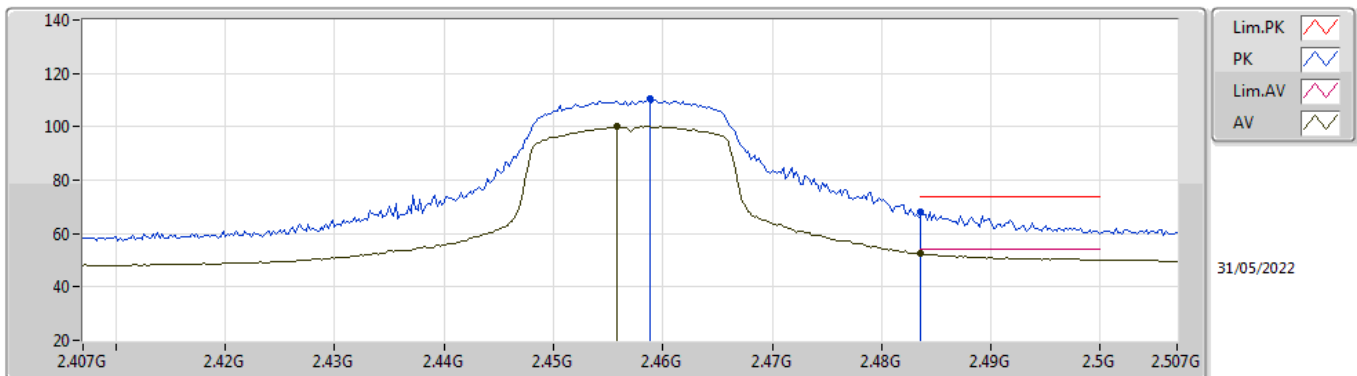
2457MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4596G	101.02	Inf	-Inf	35.89	3	Vertical	271	1.48	-	65.13	27.56	8.33	-
AV	2.4838G	52.74	54.00	-1.26	36.04	3	Vertical	271	1.48	-	16.70	27.70	8.34	-
PK	2.4588G	110.81	Inf	-Inf	35.88	3	Vertical	271	1.48	-	74.93	27.55	8.33	-
PK	2.486G	67.55	74.00	-6.45	36.07	3	Vertical	271	1.48	-	31.48	27.72	8.35	-

802.11n HT20\_Nss1,(MCS0)\_1TX

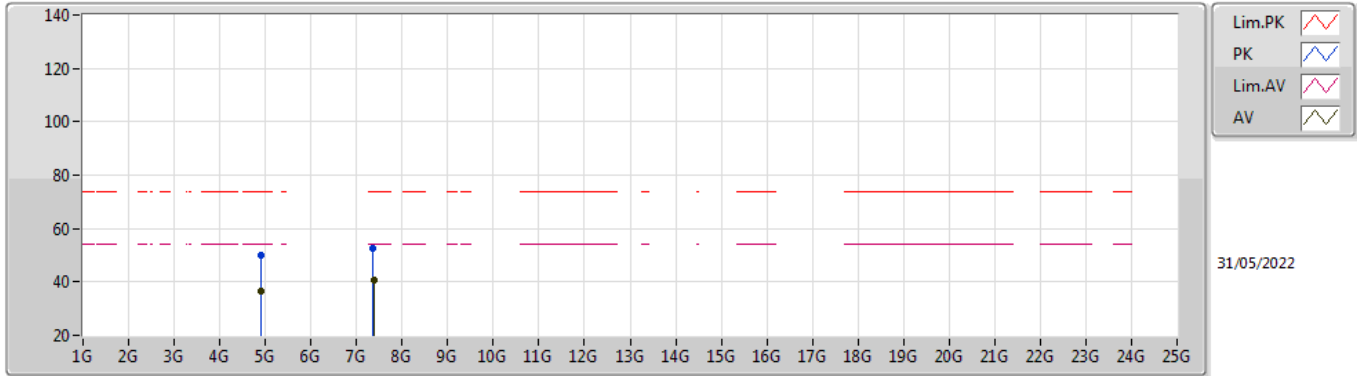
2457MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4558G	100.15	Inf	-Inf	35.86	3	Horizontal	76	2.57	-	64.29	27.53	8.33	-
AV	2.4836G	52.72	54.00	-1.28	36.04	3	Horizontal	76	2.57	-	16.68	27.70	8.34	-
PK	2.4588G	110.37	Inf	-Inf	35.88	3	Horizontal	76	2.57	-	74.49	27.55	8.33	-
PK	2.4836G	68.24	74.00	-5.76	36.04	3	Horizontal	76	2.57	-	32.20	27.70	8.34	-

802.11n HT20\_Nss1,(MCS0)\_1TX

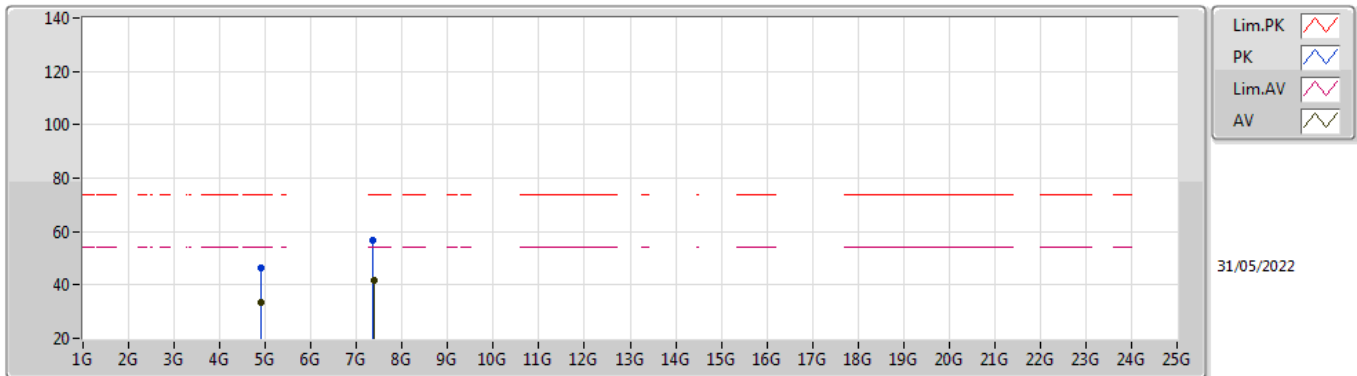
2457MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.91318G	36.37	54.00	-17.63	8.33	3	Vertical	176	1.60	-	28.04	32.75	9.72	34.14
AV	7.37096G	40.66	54.00	-13.34	13.41	3	Vertical	90	2.84	-	27.25	36.57	11.33	34.49
PK	4.9141G	49.91	74.00	-24.09	8.34	3	Vertical	176	1.60	-	41.57	32.76	9.72	34.14
PK	7.36824G	52.53	74.00	-21.47	13.43	3	Vertical	90	2.84	-	39.10	36.59	11.33	34.49

802.11n HT20\_Nss1,(MCS0)\_1TX

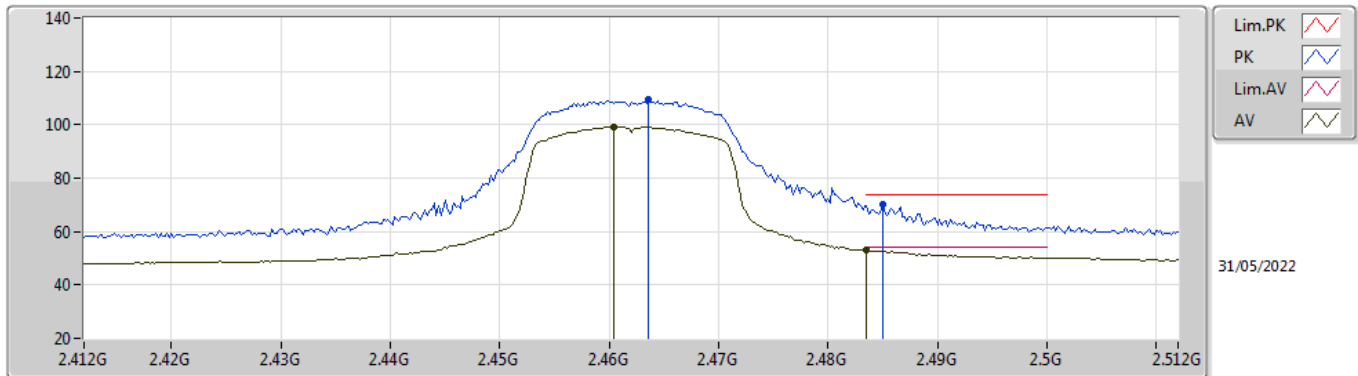
2457MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.91282G	33.61	54.00	-20.39	8.33	3	Horizontal	28	1.12	-	25.28	32.75	9.72	34.14
AV	7.3728G	41.89	54.00	-12.11	13.40	3	Horizontal	178	1.97	-	28.49	36.56	11.33	34.49
PK	4.91682G	46.40	74.00	-27.60	8.35	3	Horizontal	28	1.12	-	38.05	32.77	9.72	34.14
PK	7.3702G	56.79	74.00	-17.21	13.42	3	Horizontal	178	1.97	-	43.37	36.58	11.33	34.49

### 802.11n HT20\_Nss1,(MCS0)\_1TX

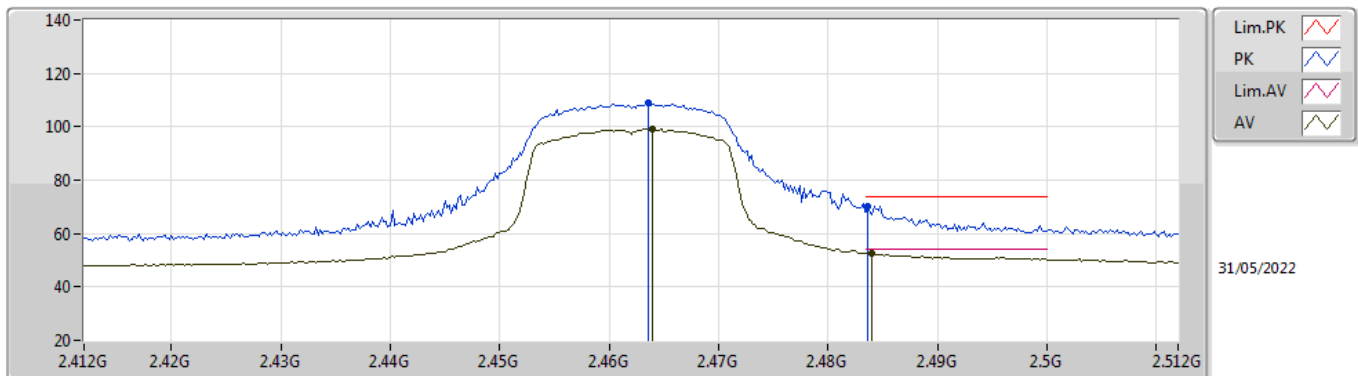
#### 2462MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4604G	99.39	Inf	-Inf	35.89	3	Vertical	272	1.46	-	63.50	27.56	8.33	-
AV	2.4835G	52.95	54.00	-1.05	36.04	3	Vertical	272	1.46	-	16.91	27.70	8.34	-
PK	2.4636G	109.61	Inf	-Inf	35.91	3	Vertical	272	1.46	-	73.70	27.58	8.33	-
PK	2.485G	69.97	74.00	-4.03	36.06	3	Vertical	272	1.46	-	33.91	27.71	8.35	-

### 802.11n HT20\_Nss1,(MCS0)\_1TX

#### 2462MHz\_TX

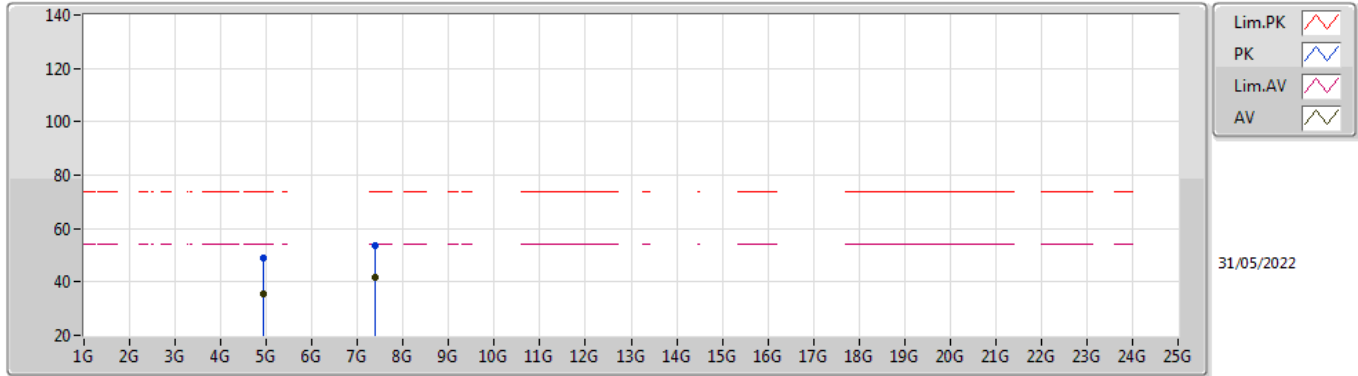


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.464G	99.13	Inf	-Inf	35.91	3	Horizontal	77	2.56	-	63.22	27.58	8.33	-
AV	2.484G	52.73	54.00	-1.27	36.04	3	Horizontal	77	2.56	-	16.69	27.70	8.34	-
PK	2.4636G	108.78	Inf	-Inf	35.91	3	Horizontal	77	2.56	-	72.87	27.58	8.33	-
PK	2.4836G	70.39	74.00	-3.61	36.04	3	Horizontal	77	2.56	-	34.35	27.70	8.34	-



802.11n HT20\_Nss1,(MCS0)\_1TX

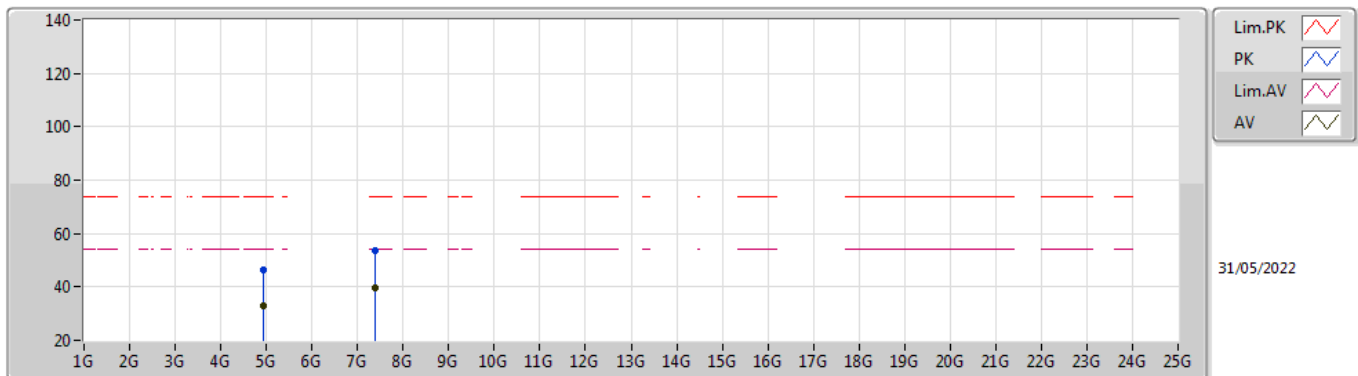
2462MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92466G	35.31	54.00	-18.69	8.38	3	Vertical	171	2.15	-	26.93	32.80	9.72	34.14
AV	7.38584G	41.72	54.00	-12.28	13.33	3	Vertical	93	2.69	-	28.39	36.48	11.34	34.49
PK	4.92294G	48.73	74.00	-25.27	8.37	3	Vertical	171	2.15	-	40.36	32.79	9.72	34.14
PK	7.38566G	53.52	74.00	-20.48	13.34	3	Vertical	93	2.69	-	40.18	36.49	11.34	34.49

802.11n HT20\_Nss1,(MCS0)\_1TX

2462MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92328G	32.68	54.00	-21.32	8.37	3	Horizontal	84	1.50	-	24.31	32.79	9.72	34.14
AV	7.38342G	39.58	54.00	-14.42	13.35	3	Horizontal	177	1.87	-	26.23	36.50	11.34	34.49
PK	4.92346G	46.19	74.00	-27.81	8.37	3	Horizontal	84	1.50	-	37.82	32.79	9.72	34.14
PK	7.38572G	53.83	74.00	-20.17	13.34	3	Horizontal	177	1.87	-	40.49	36.49	11.34	34.49