



# RADIO TEST REPORT

FCC ID : 2ABZJ-100-00113

Equipment : A6

Brand Name :

**mimosa®**

Model Name : A6

Applicant : Mimosa Networks, Inc.

3150 Coronado Drive, Santa Clara, California, United States, 95054

Manufacturer : Mimosa Networks, Inc.

3150 Coronado Drive, Santa Clara, California, United States, 95054

Standard : 47 CFR FCC Part 15.407

The product was received on Feb. 05, 2025, and testing was started from Feb. 11, 2025 and completed on Feb. 19, 2025. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Approved by: Sam Chen

**Sporton International Inc. Hsinchu Laboratory**

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



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TEL : 886-3-656-9065  
FAX : 886-3-656-9085  
Report Template No.: CB-A12\_5 Ver2.0

## 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	15.407(a)	Emission Bandwidth	PASS	-
3.3	15.407(a)	Maximum Equivalent Isotropically Radiated Power (E.I.R.P.)	PASS	-
-	15.407(a)	Proper Power Adjustment	N/A	Non-Dual Client Device or non-Standard Client Device w/o test
-	15.407(a)	Transmit Power Control	N/A	Non-Very Low Power Device w/o test
3.4	15.407(a)	Peak Power Spectral Density (E.I.R.P.)	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-
-	15.407(d)	Contention-Based Protocol	N/A	Standard Power AP w/o test

### Conformity Assessment Condition:

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the chapter "Measurement Uncertainty".

### Disclaimer:

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

**Reviewed by: Sam Chen**

**Report Producer: Cathy Chiu**



# 1 General Description

## 1.1 Information

### 1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5925-6425	ax (HEW20)	5955-6415	1-93 [24]
5925-6425	ax (HEW40)	5965-6405	3-91 [12]
5925-6425	ax (HEW80)	5985-6385	7-87 [6]
5925-6425	ax (HEW160)	6025-6345	15-79 [3]

Band	Mode	BWch (MHz)	Nant
5.925-6.425GHz	802.11ax HEW20	20	8TX
5.925-6.425GHz	802.11ax HEW40	40	8TX
5.925-6.425GHz	802.11ax HEW80	80	8TX
5.925-6.425GHz	802.11ax HEW160	160	8TX

**Note:**

- ♦ HEW20, HEW40, HEW80 and HEW160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ BWch is the nominal channel bandwidth.

**1.1.2 Antenna Information**

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	1~8	Mimosa	A6 Integrated Sector Antenna	Patch Array Antenna	I-PEX	Note 1

Note 1:

Ant.	Port	Gain (dBi)	Cable loss (dB)	Net Gain (dBi)
1	1~8	16	2.2	13.8

Note 2: The above information was declared by manufacturer.

**For 6GHz function:****For IEEE 802.11 ax (8TX/8RX):**

Port 1~8 can be used as transmitting/receiving antenna.

Port 1~8 could transmit/receive simultaneously.

**1.1.3 Mode Test Duty Cycle**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11ax HEW20	0.973	0.12	2.04m	500
802.11ax HEW40	0.949	0.23	1.05m	1k
802.11ax HEW80	0.903	0.44	535.625u	2k
802.11ax HEW160	0.84	0.76	297.188u	5k

Note:

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

**1.1.4 EUT Operational Condition**

<b>EUT Power Type</b>	From PoE or DC power source (48V)			
<b>Beamforming Function</b>	<input type="checkbox"/>	With beamforming	<input checked="" type="checkbox"/>	Without beamforming
<b>Device Type</b>	<input type="checkbox"/>	Indoor Access Point	<input type="checkbox"/>	Subordinate
	<input type="checkbox"/>	Indoor Client	<input checked="" type="checkbox"/>	Standard Power Access Point
	<input type="checkbox"/>	Dual Client	<input type="checkbox"/>	Standard Client
	<input type="checkbox"/>	Fixed Client	<input type="checkbox"/>	Very Low Power
<b>Condition of EUT</b>	<input type="checkbox"/>	Indoor	<input checked="" type="checkbox"/>	Outdoor
<b>Channel Puncturing Function</b>	<input type="checkbox"/>	Supported Static Puncturing		
	<input type="checkbox"/>	Supported Dynamic Puncturing (Reduce BW)		
	<input checked="" type="checkbox"/>	Unsupported		
<b>Support RU</b>	<input checked="" type="checkbox"/>	Full RU	<input type="checkbox"/>	Partial RU
<b>Test Software Version</b>	Tera Term [ver 4.75]			

Note: The above information was declared by manufacturer.



## 1.2 Applicable Standards

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

- ♦ 47 CFR FCC Part 15.407
- ♦ ANSI C63.10-2013
- ♦ FCC KDB 789033 D02 v02r01

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

- ♦ FCC KDB 987594 D02 v03
- ♦ FCC KDB 662911 D01 v02r01
- ♦ FCC KDB 412172 D01 v01r01
- ♦ FCC KDB 414788 D01 v01r01

## 1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH01-CB	Chris Li	21.6~23 / 58~61	Feb. 17, 2025
RF Radiated (E.I.R.P. Power/PSD)	03CH01-CB	Roy Mai	22.1-23.1 / 60-62	Feb. 12, 2025~ Feb. 18, 2025
RF Radiated (Maximum E.I.R.P. at any elevation angle above 30 degrees)	03CH01-CB	Roy Mai	22.1-23.1 / 60-62	Feb. 11, 2025
Radiated (Below 1GHz)	03CH03-CB	Roy Mai	22.2-22.6 / 59-61	Feb. 13, 2025
Radiated (Above 1GHz)	03CH01-CB	Roy Mai	22.1-23.1 / 60-62	Feb. 11, 2025~ Feb. 13, 2025
AC Conduction	CO01-CB	Ryan Huang	21~22 / 55~56	Feb. 19, 2025



## 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)	3.8 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	4.1 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	4.2 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.2 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.0 dB	Confidence levels of 95%
Conducted Emission	3.1 dB	Confidence levels of 95%
Output Power Measurement	0.8 dB	Confidence levels of 95%
Power Density Measurement	3.1 dB	Confidence levels of 95%
Bandwidth Measurement	2.1 %	Confidence levels of 95%





## 2 Test Configuration of EUT

### 2.1 Test Channel Mode

Mode
802.11ax HEW20_Nss1,(MCS0)_8TX
5955MHz
6195MHz
6415MHz
802.11ax HEW40_Nss1,(MCS0)_8TX
5965MHz
6205MHz
6405MHz
802.11ax HEW80_Nss1,(MCS0)_8TX
5985MHz
6225MHz
6385MHz
802.11ax HEW160_Nss1,(MCS0)_8TX
6025MHz
6185MHz
6345MHz

## 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	EUT + WLAN 6GHz + PoE
2	EUT + WLAN 6GHz + DC power supply (48V)
For operating mode 1 is the worst case and it was record in this test report.	

The Worst Case Mode for Following Conformance Tests	
<b>Tests Item</b>	Emission Bandwidth
<b>Test Condition</b>	Conducted measurement at transmit chains

The Worst Case Mode for Following Conformance Tests	
<b>Tests Item</b>	Maximum Equivalent Isotropically Radiated Power (E.I.R.P.) Maximum E.I.R.P. at any elevation angle above 30 degrees Peak Power Spectral Density (E.I.R.P.)
<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.
After evaluating, the worst case was found at Y axis, so it was selected to perform test and its test result was written in the report.	
1	EUT in Y axis



The Worst Case Mode for Following Conformance Tests	
<b>Tests Item</b>	Unwanted Emissions
<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
After evaluating, the worst case was found at Y axis, so it was selected to perform test and its test result was written in the report.	
1	EUT in Y axis + WLAN 6GHz + PoE
2	EUT in Y axis + WLAN 6GHz + DC power supply (48V)
For operating mode 2 is the worst case and it was record in this test report.	
<b>Operating Mode &gt; 1GHz</b>	CTX
After evaluating, the worst case was found at Y axis, so it was selected to perform test and its test result was written in the report.	
1	EUT in Y axis

The Worst Case Mode for Following Conformance Tests	
<b>Tests Item</b>	Emission MASK
<b>Test Condition</b>	Conducted measurement at transmit chains

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

PoE information as below:

Support Unit	Brand Name	Model Name
PoE	Mimosa	G0566-500-120

## 2.3 EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

## 2.4 Accessories

N/A



## 2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	PoE	Mimosa	G0566-500-120	N/A
B	Fiber Converter	XTRAMUS	MCM-8S82-W	N/A
C	Fiber Converter	XTRAMUS	MCM-8S82-W	N/A
D	PC	ASUS	S300TA	TX2-RTL8821CE

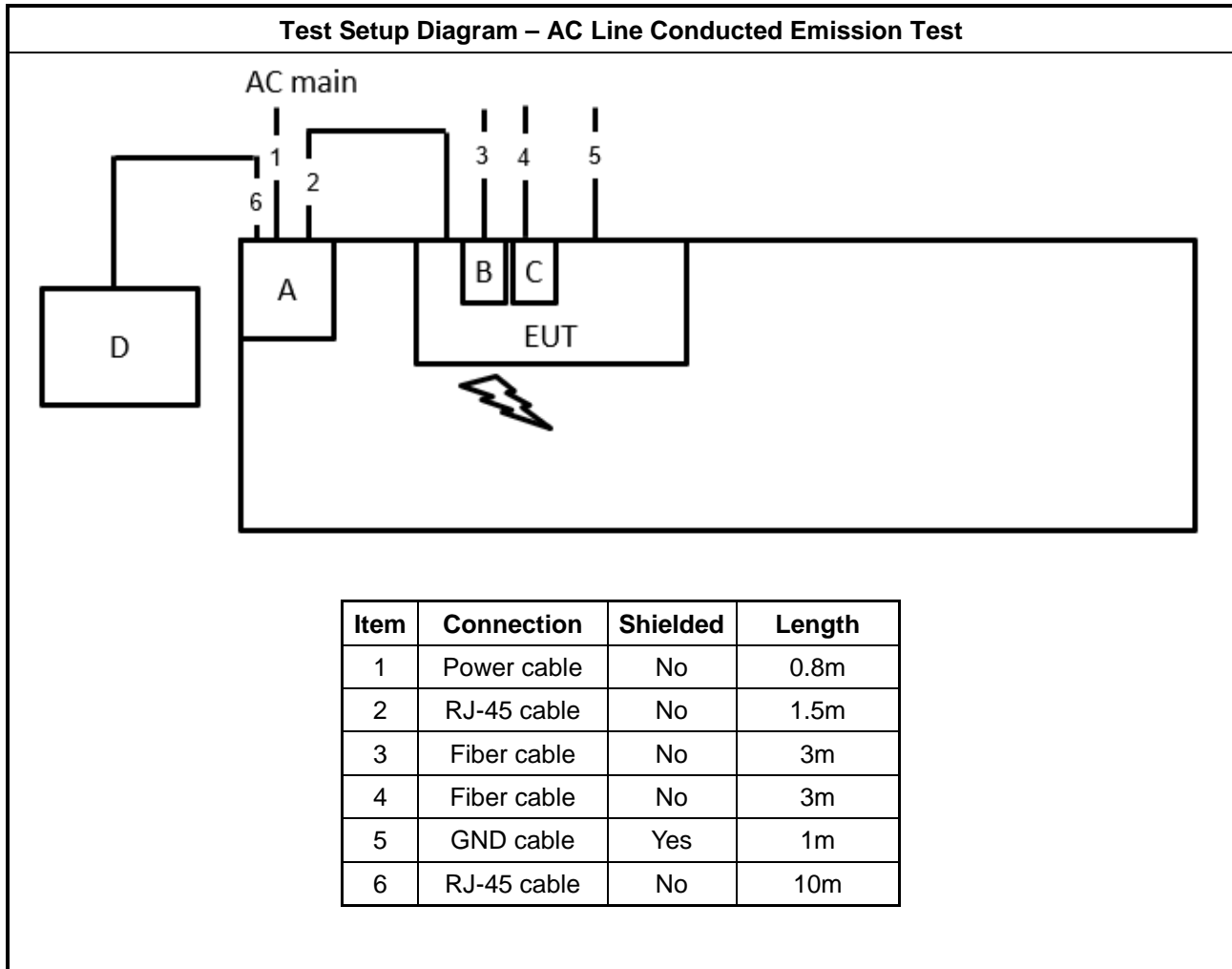
For Radiated (Below 1GHz):

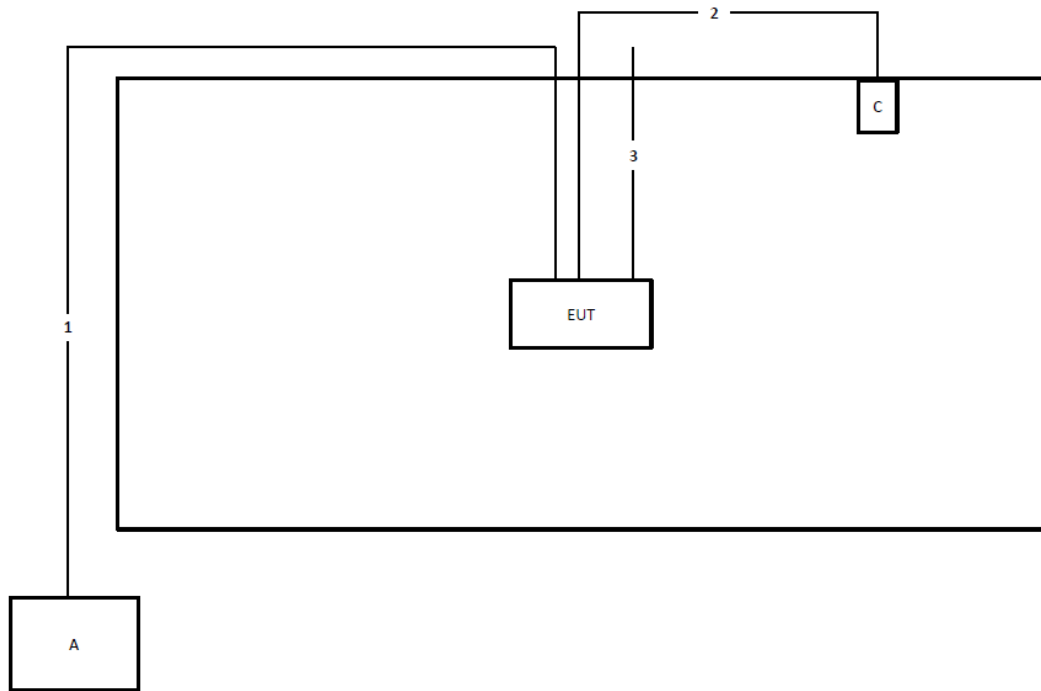
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
C	DC Power Supply	MOTECH	LPS-305	N/A

For Radiated (Above 1GHz), RF Radiated (Maximum E.I.R.P. at any elevation angle above 30 degrees) and RF Radiated (Maximum Equivalent Isotropically Radiated Power (E.I.R.P.) and Peak Power Spectral Density (E.I.R.P.) and RF Conducted:

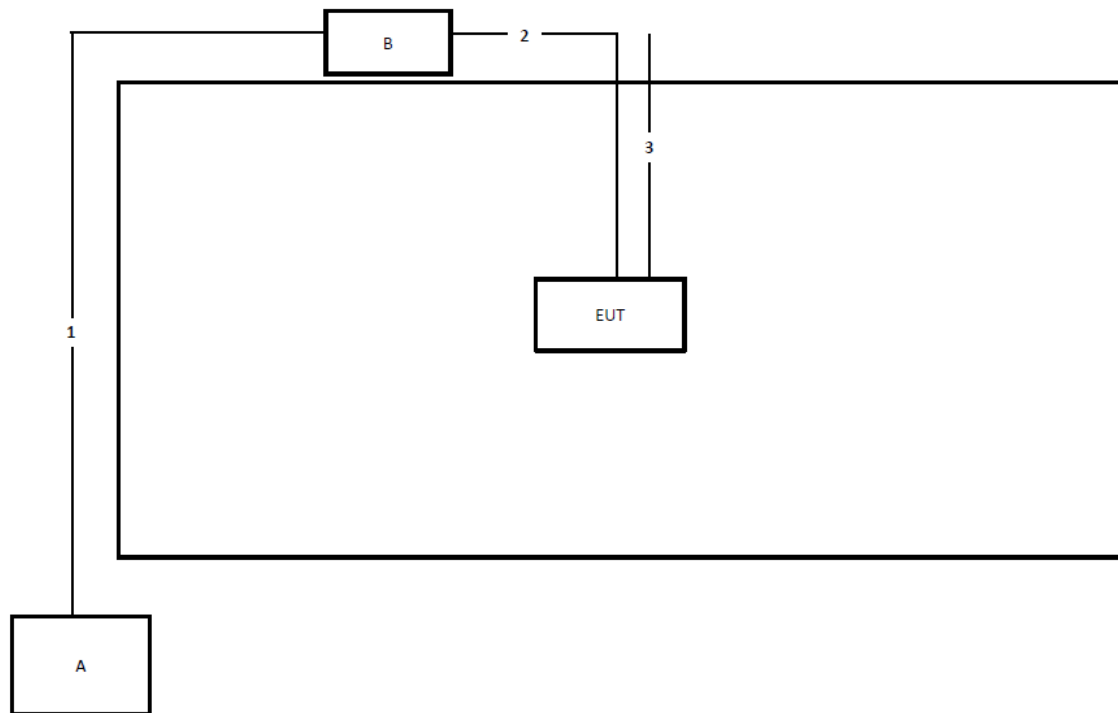
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	PoE	Mimosa	G0566-500-120	N/A

## 2.6 Test Setup Diagram



**Test Setup Diagram - Radiated Test < 1GHz**


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

**Test Setup Diagram - Radiated Test > 1GHz**


Item	Connection	Shielded	Length
1	RJ-45 cable	No	1.2m
2	RJ-45 cable	No	10m
3	GND cable	No	1.5m



### 3 Transmitter Test Result

#### 3.1 AC Power-line Conducted Emissions

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

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

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

##### 3.1.2 Measuring Instruments

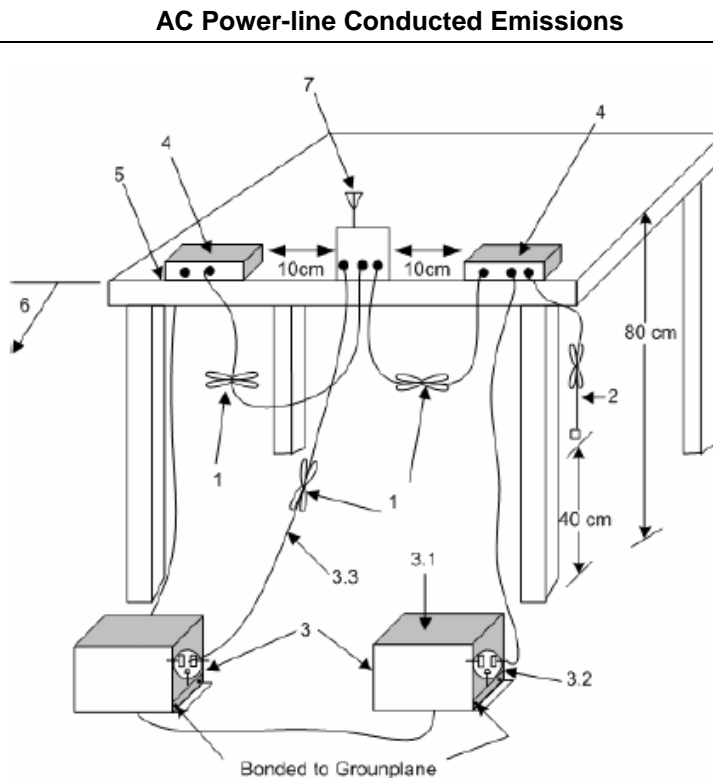
Refer a test equipment and calibration data table in this test report.

##### 3.1.3 Test Procedures

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



### 3.1.4 Test Setup



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

### 3.1.5 Measurement Results Calculation

The measured Level is calculated using:

- Corrected Reading (dBUV) = LISN Factor + Cable Loss + Read Level = Level
- Margin = - Limit + (Read Level + LISN Factor + Cable Loss)

### 3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

## 3.2 Emission Bandwidth

### 3.2.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
<b>UNII Devices</b>	
<input checked="" type="checkbox"/>	For the 5925-6425 GHz band, need less than 320 MHz bandwidth.
<input type="checkbox"/>	For the 6425-6525 GHz band, need less than 320 MHz bandwidth.
<input type="checkbox"/>	For the 6525-6875 GHz band, need less than 320 MHz bandwidth.
<input type="checkbox"/>	For the 6875-7125 GHz band, need less than 320 MHz bandwidth.
<b>RLAN Devices</b>	
<input type="checkbox"/>	For the 5925-6425 GHz band, need less than 320 MHz bandwidth.
<input type="checkbox"/>	For the 6425-6525 GHz band, need less than 320 MHz bandwidth.
<input type="checkbox"/>	For the 6525-6875 GHz band, need less than 320 MHz bandwidth.
<input type="checkbox"/>	For the 6875-7125 GHz band, need less than 320 MHz bandwidth.

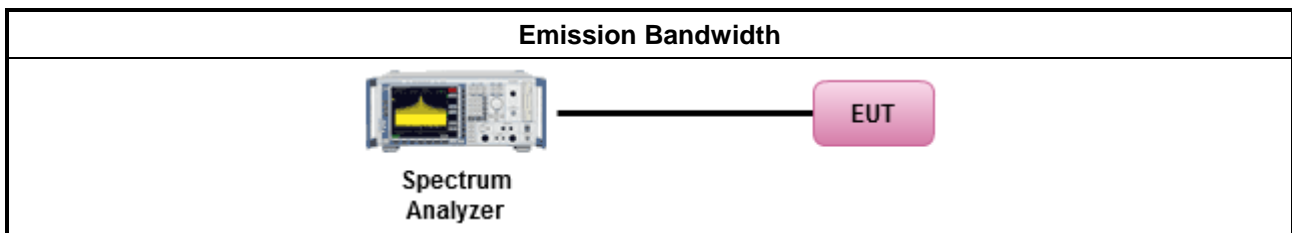
### 3.2.2 Measuring Instruments

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

### 3.2.3 Test Procedures

Test Method	
▪ For the emission bandwidth shall be measured using one of the options below:	
<input checked="" type="checkbox"/>	According to FCC KDB 987594 D02 clause II.C, measurement procedure shall refer to FCC KDB 789033 D02, clause C for EBW and clause D for OBW measurement.
<input type="checkbox"/>	Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.
<input type="checkbox"/>	Refer as IC RSS-Gen, clause 4.6 for bandwidth testing.

### 3.2.4 Test Setup



### 3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B



### 3.3 Maximum Equivalent Isotropically Radiated Power (E.I.R.P.)

#### 3.3.1 Maximum Equivalent Isotropically Radiated Power (E.I.R.P.) Limit

Maximum Equivalent Isotropically Radiated Power (E.I.R.P.) Limit	
<b>UNII Devices</b>	
<input checked="" type="checkbox"/> For the 5.925 ~ 6.425 GHz band:	
	■ For standard power access point and fixed client device : e.i.r.p < 36 dBm. For outdoor devices, the maximum e.i.r.p. at any elevation angle above 30 degrees not exceed 125 mW (21 dBm).
	■ For indoor access point : e.i.r.p < 30 dBm.
	■ For subordinate device control of an indoor access point : e.i.r.p < 30 dBm.
	■ For client device control of a standard power access point : e.i.r.p < 30 dBm.
	■ For client device control of an indoor access point : e.i.r.p < 24 dBm.
	■ For very low power device : e.i.r.p < 14 dBm.
<input type="checkbox"/> For the 6.425 ~ 6.525 GHz band:	
	■ For indoor access point : e.i.r.p < 30 dBm.
	■ For client device control of an indoor access point : e.i.r.p < 24 dBm.
<input type="checkbox"/> For the 6.525 ~ 6.875 GHz band:	
	■ For standard power access point and fixed client device : e.i.r.p < 36 dBm. For outdoor devices, the maximum e.i.r.p. at any elevation angle above 30 degrees not exceed 125 mW (21 dBm).
	■ For indoor access point : e.i.r.p < 30 dBm.
	■ For subordinate device control of an indoor access point : e.i.r.p < 30 dBm.
	■ For client device control of a standard power access point : e.i.r.p < 30 dBm.
	■ For client device control of an indoor access point : e.i.r.p < 24 dBm.
	■ For very low power device : e.i.r.p < 14 dBm.
<input type="checkbox"/> For the 6.875 ~ 7.125 GHz band:	
	■ For indoor access point : e.i.r.p < 30 dBm.
	■ For client device control of an indoor access point : e.i.r.p < 24 dBm.
<b>RLAN Devices</b>	
<input type="checkbox"/> For the 5.925 ~ 7.125 GHz band:	
	■ For low-power indoor access-points & indoor subordinate devices < 30 dBm .
	■ For low-power client devices < 24 dBm.
	■ For very low-power devices < 14 dBm.
<input type="checkbox"/> For the 5.925 ~ 6.875 GHz band:	
	■ For standard-power access points & fixed client devices < 36 dBm. For outdoor devices, the maximum e.i.r.p. at any elevation angle above 30 degrees not exceed 125 mW (21 dBm).
	■ For standard client devices < 30 dBm.

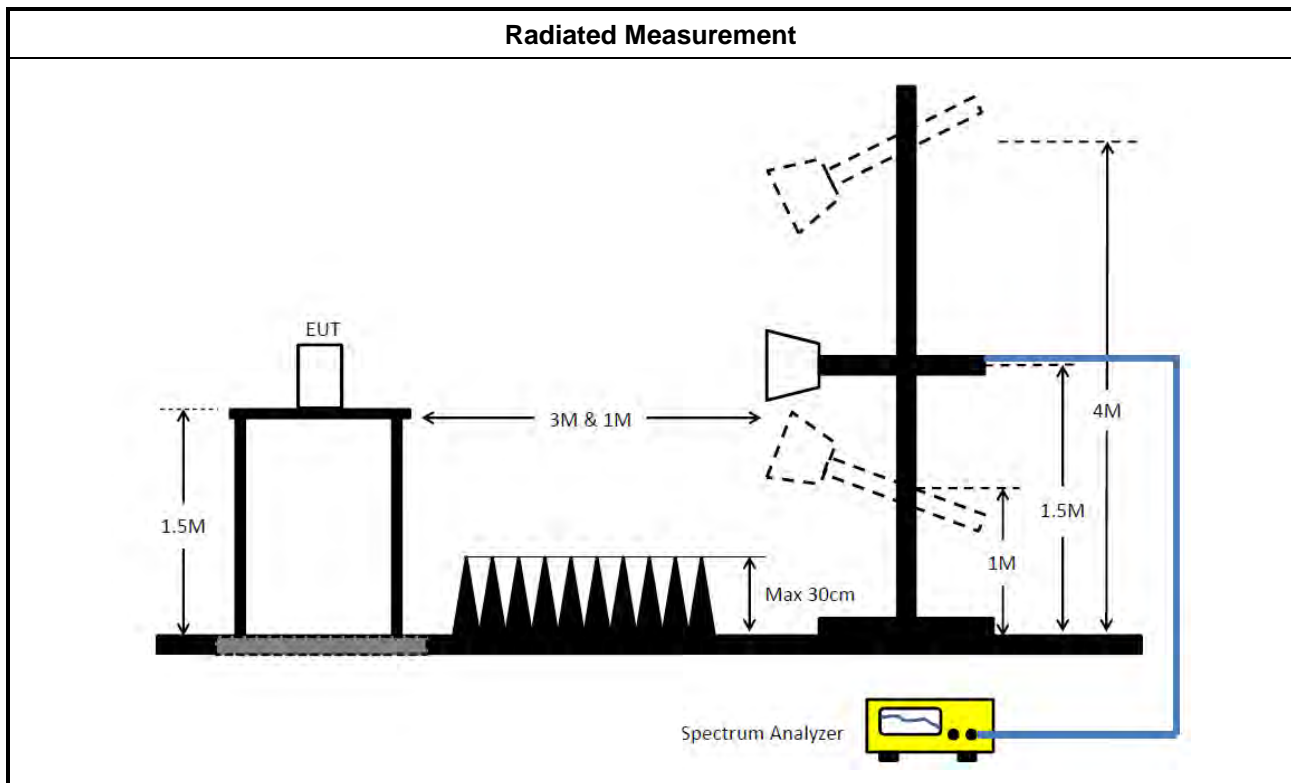
### 3.3.2 Measuring Instruments

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>According to FCC KDB 987594 D02 clause II.E, the test measurement procedure shall refer to KDB 789033.</li> </ul>	
Average over on/off periods with duty factor	
<input checked="" type="checkbox"/>	Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging). Spectrum analyzer setting: RBW/VBW : 1/3MHz ; Detector : RMS ; Trace mode : Average ; Sweep Count 100.
<input type="checkbox"/>	Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
Wideband RF power meter and average over on/off periods with duty factor	
<input type="checkbox"/>	Refer as FCC KDB 789033 D02, clause E Method PM-G (using an RF average power meter).
<input type="checkbox"/> For conducted measurement.	
<ul style="list-style-type: none"> <li>If the EUT supports multiple transmit chains using options given below: Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.</li> </ul>	
<ul style="list-style-type: none"> <li>If multiple transmit chains, EIRP calculation could be following as methods:  <math>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>	
<input checked="" type="checkbox"/> For radiated measurement.	
<ul style="list-style-type: none"> <li>Refer as FCC KDB 789033 D02 clause II A.1.F "Antenna-port Conducted versus Radiated Testing"</li> </ul>	
<ul style="list-style-type: none"> <li>Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.</li> </ul>	
<ul style="list-style-type: none"> <li>Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.</li> </ul>	

### 3.3.4 Test Setup



### 3.3.5 Test Result of Maximum Equivalent Isotropically Radiated Power (E.I.R.P)

Refer as Appendix C



### 3.4 Peak Power Spectral Density (E.I.R.P.)

#### 3.4.1 Peak Power Spectral Density (E.I.R.P.) Limit

Peak Power Spectral Density (E.I.R.P.) Limit	
<b>UNII Devices</b>	
<input checked="" type="checkbox"/> For the 5.925 ~ 6.425 GHz band:	
	▪ For standard power access point and fixed client device : e.i.r.p PSD < 23 dBm/MHz.
	▪ For indoor access point : e.i.r.p PSD < 5 dBm/MHz.
	▪ For subordinate device control of an indoor access point : e.i.r.p PSD < 5 dBm/MHz.
	▪ For client device control of a standard power access point : e.i.r.p PSD < 17 dBm/MHz.
	▪ For client device control of an indoor access point : e.i.r.p PSD < -1 dBm/MHz.
	▪ For very low power device : e.i.r.p PSD < -5 dBm/MHz.
<input type="checkbox"/> For the 6.425 ~ 6.525 GHz band:	
	▪ For indoor access point : e.i.r.p PSD < 5 dBm/MHz.
	▪ For client device control of an indoor access point : e.i.r.p PSD < -1 dBm/MHz.
<input type="checkbox"/> For the 6.525 ~ 6.875 GHz band:	
	▪ For standard power access point and fixed client device : e.i.r.p PSD < 23 dBm/MHz.
	▪ For indoor access point : e.i.r.p PSD < 5 dBm/MHz.
	▪ For subordinate device control of an indoor access point : e.i.r.p PSD < 5 dBm/MHz.
	▪ For client device control of a standard power access point : e.i.r.p PSD < 17 dBm/MHz.
	▪ For client device control of an indoor access point : e.i.r.p PSD < -1 dBm/MHz.
	▪ For very low power device : e.i.r.p PSD < -5 dBm/MHz.
<input type="checkbox"/> For the 6.875 ~ 7.125 GHz band:	
	▪ For indoor access point : e.i.r.p PSD < 5 dBm/MHz.
	▪ For client device control of an indoor access point : e.i.r.p PSD < -1 dBm/MHz.
<b>RLAN Devices</b>	
<input type="checkbox"/> For the 5.925 ~ 7.125 GHz band:	
	▪ For low-power indoor access-points & indoor subordinate devices < 5 dBm / MHz.
	▪ For low-power client devices < -1 dBm / MHz.
	▪ For very low-power devices < -5 dBm / MHz.
<input type="checkbox"/> For the 5.925 ~ 6.875 GHz band:	
	▪ For standard-power access points & fixed client devices < 23 dBm / MHz.
	▪ For standard client devices < 17 dBm / MHz.

#### 3.4.2 Measuring Instruments

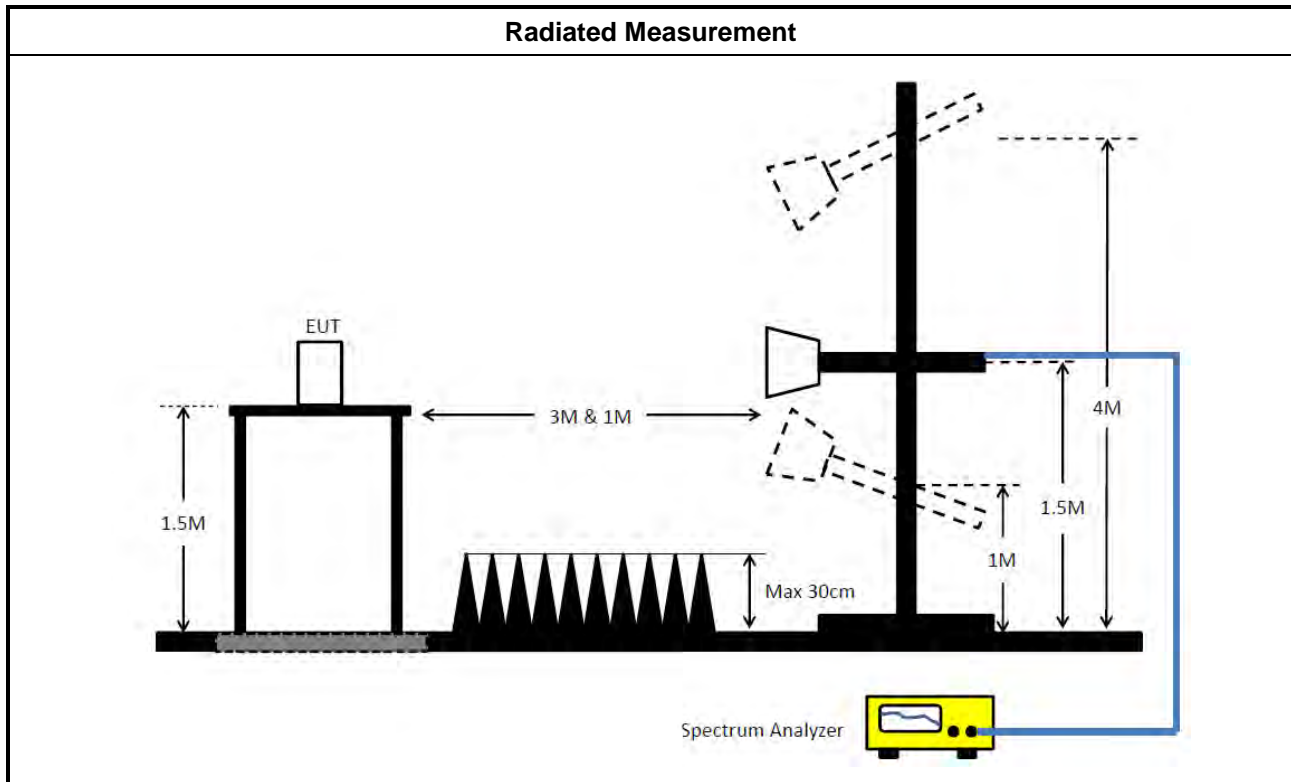
Refer a test equipment and calibration data table in this test report.

**3.4.3 Test Procedures**

Test Method	
<ul style="list-style-type: none"><li>According to FCC KDB 987594 D02 clause II.F, the measurement procedure shall refer to KDB 789033. Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:</li></ul>	
<input type="checkbox"/>	Refer as FCC KDB 789033 D02, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth
[duty cycle ≥ 98% or external video / power trigger]	
<input checked="" type="checkbox"/>	Refer as FCC KDB 789033 D02, clause E Method SA-1 (spectral trace averaging).
<input type="checkbox"/>	Refer as FCC KDB 789033 D02, clause E Method SA-1 Alt. (RMS detection with slow sweep speed)
duty cycle < 98% and average over on/off periods with duty factor	
<input checked="" type="checkbox"/>	Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).
<input type="checkbox"/>	Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
<input type="checkbox"/>	For conducted measurement.
<ul style="list-style-type: none"><li>If the EUT supports multiple transmit chains using options given below:</li></ul>	
<input type="checkbox"/>	Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.
<input type="checkbox"/>	Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
<input type="checkbox"/>	Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.
<ul style="list-style-type: none"><li>If multiple transmit chains, EIRP PPSD calculation could be following as methods: <math display="block">PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n</math> (calculated in linear unit [mW] and transfer to log unit [dBm]) <math display="block">EIRP_{total} = PPSD_{total} + DG</math></li></ul>	
<input checked="" type="checkbox"/>	For radiated measurement.
<ul style="list-style-type: none"><li>Refer as FCC KDB 789033 D02 clause II A.1.F "Antenna-port Conducted versus Radiated Testing"</li><li>Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.</li></ul>	

**Test Method**

- Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.

**3.4.4 Test Setup**

**3.4.5 Test Result of Peak Power Spectral Density (E.I.R.P.)**

Refer as Appendix D





### 3.5 Unwanted Emissions

#### 3.5.1 Transmitter Unwanted Emissions Limit

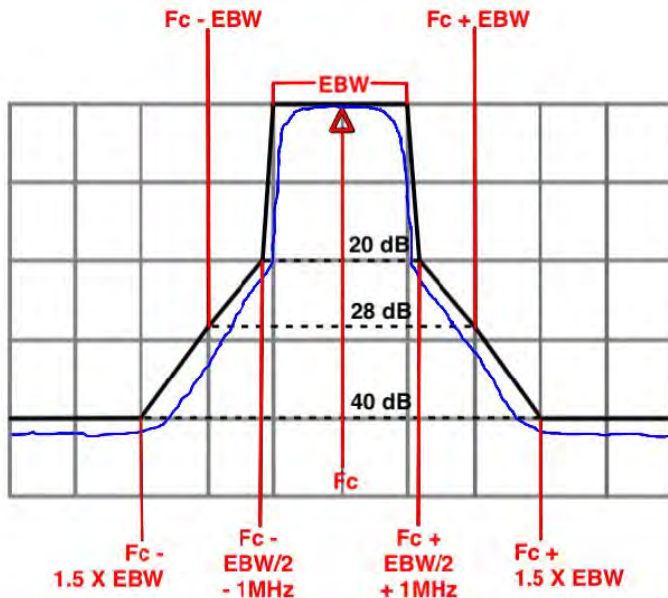
Unwanted emissions below 1 GHz and restricted band emissions above 1GHz limit			
Frequency Range (MHz)	Field Strength (uV/m)	Field Strength (dBuV/m)	Measure Distance (m)
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
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( $20 \times \log(\text{standard distance}/\text{test distance}) = 20\log(3/1) = 9.54\text{dB}$ ).  
EX. Above 18GHz emission limit calculation (3m to 1m) =  $54\text{dBuV/m at 3m} + 9.54\text{dB} = 63.54\text{dBuV/m at 1m}$ .

Un-restricted band emissions above 1GHz Limit	
Frequency	Limit
Any outside the 5.925 – 7.125 GHz emission	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]  Note 1: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m( $20 \times \log(\text{standard distance}/\text{test distance}) = 20\log(3/1) = 9.54\text{dB}$ ). EX. Above 18GHz emission limit calculation (3m to 1m) = $68.2\text{dBuV/m at 3m} + 9.54\text{dB} = 77.74\text{dBuV/m at 1m}$ .  Note 2:-27 dBm EIRP OOBE is measured RMS which is a deviation from the current 15E rules for 5 GHz bands. In addition, 15.35(b) applies where the peak emissions must be limited to no more than 20 dB above the average limit.

Frequency	Emission MASK Limit
5.925 – 7.125 GHz	<p>Power spectral density must be suppressed by 20 dB at 1 MHz outside of channel edge, by 28 dB at one channel bandwidth from the channel center, and by 40 dB at one- and one-half times the channel bandwidth away from channel center. At frequencies between one megahertz outside an unlicensed device's channel edge and one channel bandwidth from the center of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression, and at frequencies between one and one- and one-half times an unlicensed device's channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression. Emissions removed from the channel center by more than one- and one-half times the channel bandwidth must be suppressed by at least 40 dB.</p> 



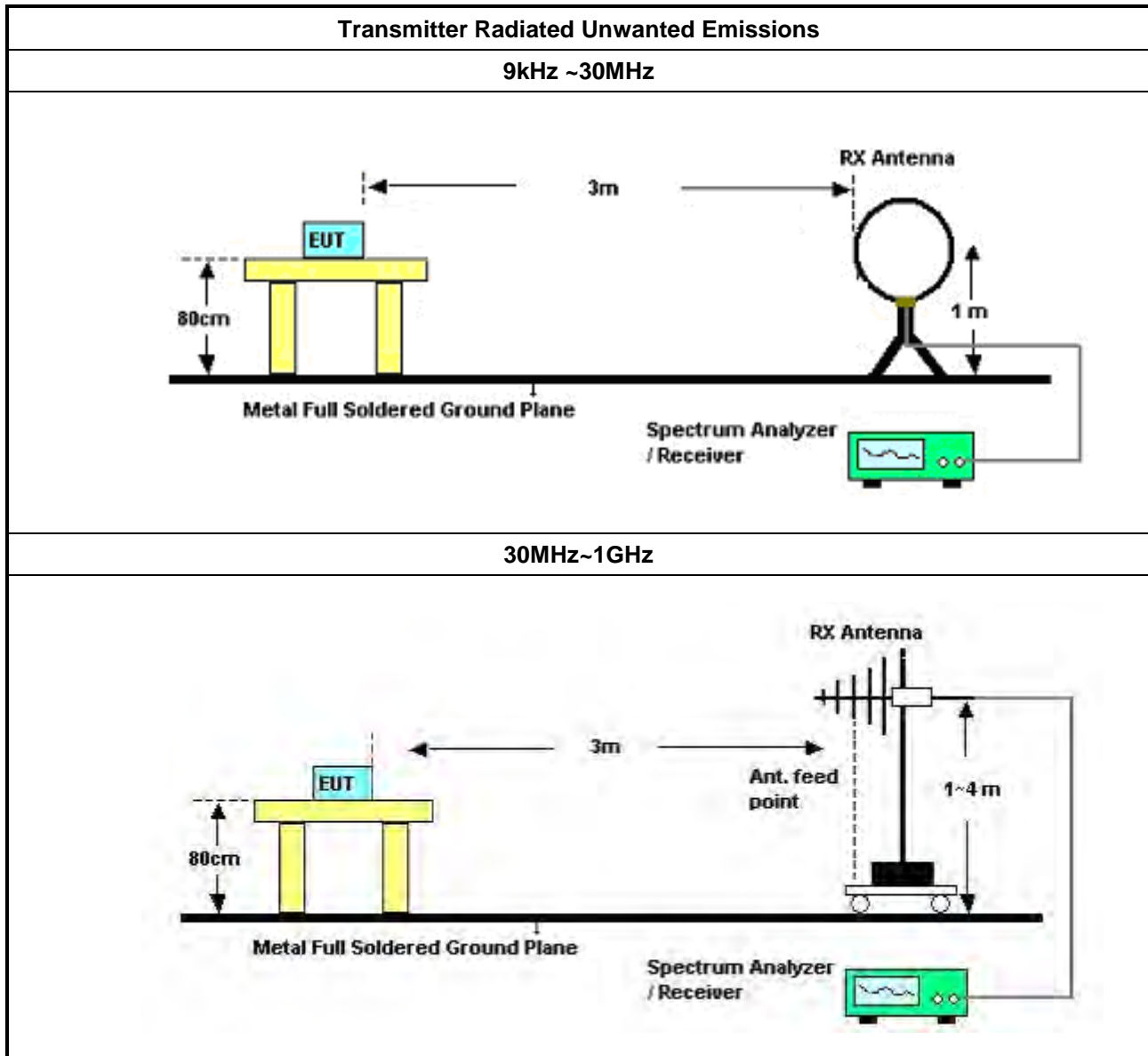
### 3.5.2 Measuring Instruments

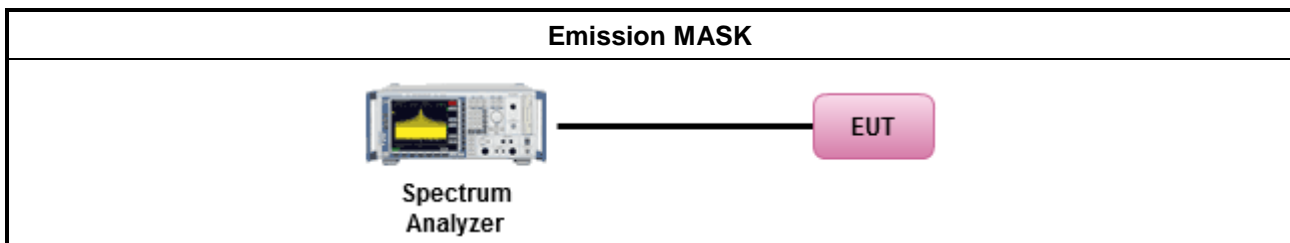
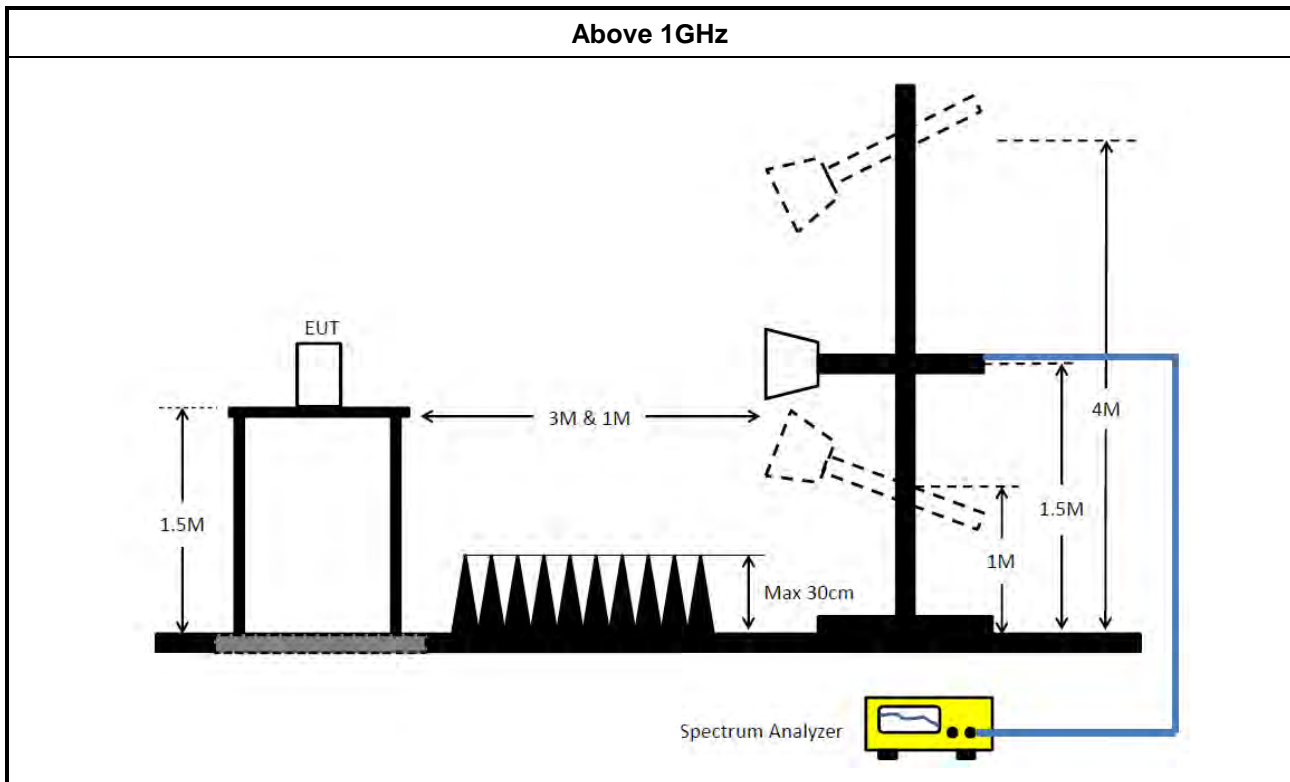
Refer a test equipment and calibration data table in this test report.

### 3.5.3 Test Procedures

Test Method	
<ul style="list-style-type: none"><li>According to FCC KDB 987594 D02 II.G. the unwanted emission measurement procedure shall refer to KDB 789300(except emission MASK). 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. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. 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).</li></ul>	
<ul style="list-style-type: none"><li>The average emission levels shall be measured in [duty cycle <math>\geq</math> 98 or duty factor].</li></ul>	
<ul style="list-style-type: none"><li>For the transmitter unwanted emissions shall be measured using following options below:</li></ul>	
	<ul style="list-style-type: none"><li>Refer as FCC KDB 789033 D02, clause G)2) for unwanted emissions into non-restricted bands.</li></ul>
	<ul style="list-style-type: none"><li>Refer as FCC KDB 789033 D02, clause G)1) for unwanted emissions into restricted bands.</li></ul>
	<input checked="" type="checkbox"/> Refer as FCC KDB 789033 D02, G)6) Method AD (Trace Averaging). (For unrestricted band measurement)
	<input type="checkbox"/> Refer as FCC KDB 789033 D02, G)6) Method VB (Reduced VBW).
	<input checked="" type="checkbox"/> Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW $\geq$ 1/T, where T is pulse time.( For restricted band average measurement)
	<input type="checkbox"/> Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
	<input checked="" type="checkbox"/> Refer as FCC KDB 789033 D02, clause G)5) measurement procedure peak limit.
	<input type="checkbox"/> Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.
<ul style="list-style-type: none"><li>Refer as FCC KDB 789033 D02, clause G)3)d)ii) for Band edge Integration measurements.</li></ul>	
<ul style="list-style-type: none"><li>For emission MASK shall be measured using following options below:</li></ul>	
	<input checked="" type="checkbox"/> Refer as FCC KDB 987594 D02, J) In-Band Emissions
<ul style="list-style-type: none"><li>For radiated measurement.</li></ul>	
	<ul style="list-style-type: none"><li>Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.</li></ul>
	<ul style="list-style-type: none"><li>Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.</li></ul>
	<ul style="list-style-type: none"><li>Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.</li></ul>
<ul style="list-style-type: none"><li>The any unwanted emissions level shall not exceed the fundamental emission level.</li></ul>	
<ul style="list-style-type: none"><li>All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.</li></ul>	

### 3.5.4 Test Setup





### 3.5.5 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Antenna factor (AF) + Cable loss (CL) + Read level (Raw) - Preamplifier factor (PA)(if applicable)  
= Level

### 3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

There is a comparison data of both open-field test site and alternative test site - semi-Anechoic chamber according to KDB414788 Radiated Test Site, and the result came out very similar.

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

The radiated emissions were investigated from 9 kHz or the lowest frequency generated within the device, up to the 10th harmonic or 40 GHz, whichever is appropriate.

### 3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E



## 4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Mar. 01, 2024	Feb. 28, 2025	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127478	9kHz ~ 30MHz	Feb. 06, 2025	Feb. 05, 2026	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Apr. 24, 2024	Apr. 23, 2025	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Oct. 16, 2024	Oct. 15, 2025	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	Oct. 16, 2024	Oct. 15, 2025	Conduction (CO01-CB)
Test Software	SPORTON	SENSE-EMI	V5.11	150kHz-30MHz	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6121	65417	9kHz - 30MHz	Oct. 16, 2024	Oct. 15, 2025	Radiation (03CH03-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH03-CB	30 MHz ~ 1 GHz	Jan. 17, 2025	Jan. 16, 2026	Radiation (03CH03-CB)
Bilog Antenna with 6dB Attenuator	Schaffner & EMC	CBL6112B& N-6-06	2888&AT-N0605	30MHz ~ 1GHz	Jan. 17, 2025	Jan. 16, 2026	Radiation (03CH03-CB)
Amplifier	SGH	SGH301	20240606-1	30MHz ~ 1GHz	Jun. 04, 2024	Jun. 03, 2025	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 11, 2024	Jun. 10, 2025	Radiation (03CH03-CB)
EMI Test Receiver	R&S	ESR7	102172	9kHz ~ 7GHz	Oct. 21, 2024	Oct. 20, 2025	Radiation (03CH03-CB)
RF Cable-low	Woken	RG402	Low Cable-02+29	30MHz ~ 1GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE-EMI	V5.11.8	30MHz-40GHz	N.C.R.	N.C.R.	Radiation (03CH03-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 04, 2024	May 03, 2025	Radiation (03CH01-CB)
Horn Antenna	ETS-Lindgren	3115	00143147	750MHz~18GHz	Oct. 18, 2024	Oct. 17, 2025	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 23, 2024	Sep. 22, 2025	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 17, 2024	May 16, 2025	Radiation (03CH01-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH01-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Signal Analyzer	R&S	FSV3044	101437	10kHz ~ 44GHz	Dec. 12, 2024	Dec. 11, 2025	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE-154 07_NII	V5.11. 23	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH01-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 27, 2024	May 26, 2025	Conducted (TH01-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-01	1 ~ 18GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (TH01-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-02	1~ 18GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (TH01-CB)
Switch	SPTCB	SP-SWI	SWI-01	1~18 GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz ~ 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz ~ 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz ~ 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz ~ 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz ~ 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH01-CB)
Cable 9k-18G	Woken	RG402	Cable-95	9 kHz ~18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH01-CB)
Power Sensor	Agilent	E9327A	US40442088	50MHz~18GHz	Mar. 01, 2024	Feb. 28, 2025	Conducted (TH01-CB)
Power Meter	Agilent	E4416A	MY45100745	50MHz~18GHz	Jul. 12, 2024	Jul. 11, 2025	Conducted (TH01-CB)
Test Software	SPORTON	SENSE-154 07_NII	V5.11. 23	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Conducted (TH01-CB)

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

NCR means Non-Calibration required.



## Conducted Emissions at Powerline

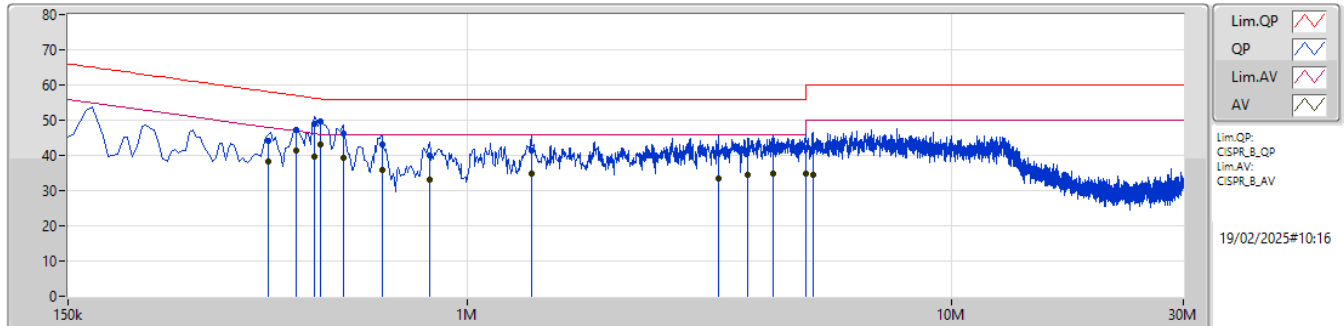
## Appendix A

### Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	496.5k	42.96	46.06	-3.10	Line

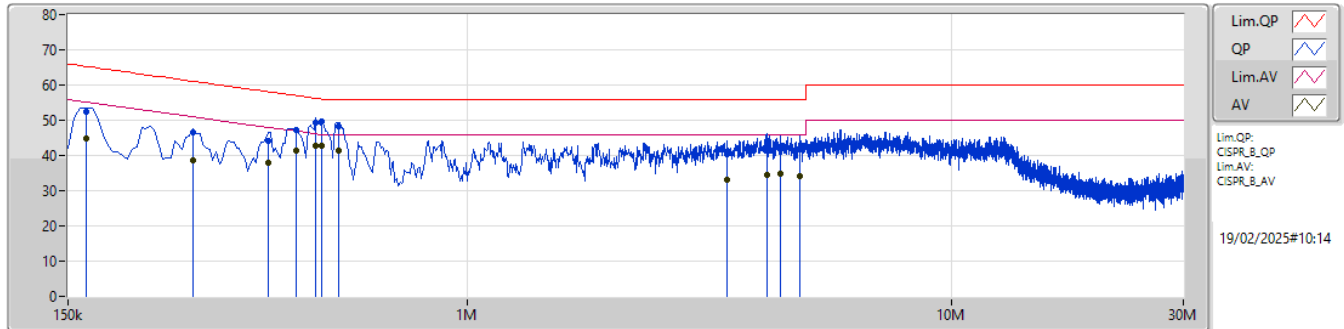


### Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	388.5k	44.27	58.10	-13.83	10.21	Line	-	34.06	0.05	0.10	10.06						
AV	388.5k	38.28	48.10	-9.82	10.21	Line	-	28.07	0.05	0.10	10.06						
QP	442.5k	47.21	57.01	-9.80	10.22	Line	-	36.99	0.05	0.10	10.07						
AV	442.5k	41.31	47.01	-5.70	10.22	Line	-	31.09	0.05	0.10	10.07						
QP	483k	48.83	56.29	-7.46	10.23	Line	-	38.60	0.05	0.10	10.08						
AV	483k	39.79	46.29	-6.50	10.23	Line	-	29.56	0.05	0.10	10.08						
QP	496.5k	49.74	56.06	-6.32	10.23	Line	-	39.51	0.05	0.10	10.08						
AV	496.5k	42.96	46.06	-3.10	10.23	Line	"Worst"	32.73	0.05	0.10	10.08						
QP	555k	46.07	56.00	-9.93	10.26	Line	-	35.81	0.06	0.10	10.10						
AV	555k	39.45	46.00	-6.55	10.26	Line	-	29.19	0.06	0.10	10.10						
QP	667.5k	43.09	56.00	-12.91	10.27	Line	-	32.82	0.06	0.09	10.12						
AV	667.5k	36.03	46.00	-9.97	10.27	Line	-	25.76	0.06	0.09	10.12						
QP	834k	40.16	56.00	-15.84	10.30	Line	-	29.86	0.07	0.09	10.14						
AV	834k	33.17	46.00	-12.83	10.30	Line	-	22.87	0.07	0.09	10.14						
QP	1.356M	41.21	56.00	-14.79	10.26	Line	-	30.95	0.08	0.11	10.07						
AV	1.356M	34.75	46.00	-11.25	10.26	Line	-	24.49	0.08	0.11	10.07						
QP	3.291M	40.67	56.00	-15.33	10.18	Line	-	30.49	0.12	0.15	9.91						
AV	3.291M	33.49	46.00	-12.51	10.18	Line	-	23.31	0.12	0.15	9.91						
QP	3.795M	41.46	56.00	-14.54	10.18	Line	-	31.28	0.13	0.15	9.90						
AV	3.795M	34.40	46.00	-11.60	10.18	Line	-	24.22	0.13	0.15	9.90						
QP	4.277M	41.83	56.00	-14.17	10.18	Line	-	31.65	0.14	0.15	9.89						
AV	4.277M	34.90	46.00	-11.10	10.18	Line	-	24.72	0.14	0.15	9.89						
QP	4.983M	42.09	56.00	-13.91	10.18	Line	-	31.91	0.15	0.15	9.88						
AV	4.983M	34.66	46.00	-11.34	10.18	Line	-	24.48	0.15	0.15	9.88						
QP	5.159M	42.03	60.00	-17.97	10.19	Line	-	31.84	0.16	0.15	9.88						
AV	5.159M	34.62	50.00	-15.38	10.19	Line	-	24.43	0.16	0.15	9.88						

### Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	163.5k	52.38	65.27	-12.89	10.06	Neutral	-	42.32	0.06	0.08	9.92						
AV	163.5k	44.94	55.27	-10.33	10.06	Neutral	-	34.88	0.06	0.08	9.92						
QP	271.5k	46.41	61.07	-14.66	10.14	Neutral	-	36.27	0.06	0.08	10.00						
AV	271.5k	38.79	51.07	-12.28	10.14	Neutral	-	28.65	0.06	0.08	10.00						
QP	388.5k	44.07	58.10	-14.03	10.22	Neutral	-	33.85	0.06	0.10	10.06						
AV	388.5k	37.80	48.10	-10.30	10.22	Neutral	-	27.58	0.06	0.10	10.06						
QP	442.5k	47.20	57.01	-9.81	10.23	Neutral	-	36.97	0.06	0.10	10.07						
AV	442.5k	41.30	47.01	-5.71	10.23	Neutral	-	31.07	0.06	0.10	10.07						
QP	487.5k	49.45	56.21	-6.76	10.24	Neutral	-	39.21	0.06	0.10	10.08						
AV	487.5k	42.59	46.21	-3.62	10.24	Neutral	-	32.35	0.06	0.10	10.08						
QP	500k	49.57	56.00	-6.43	10.24	Neutral	-	39.33	0.06	0.10	10.08						
AV	500k	42.86	46.00	-3.14	10.24	Neutral	"Worst"	32.62	0.06	0.10	10.08						
QP	541.5k	48.37	56.00	-7.63	10.26	Neutral	-	38.11	0.07	0.10	10.09						
AV	541.5k	41.27	46.00	-4.73	10.26	Neutral	-	31.01	0.07	0.10	10.09						
QP	3.435M	40.40	56.00	-15.60	10.18	Neutral	-	30.22	0.12	0.15	9.91						
AV	3.435M	33.05	46.00	-12.95	10.18	Neutral	-	22.87	0.12	0.15	9.91						
QP	4.142M	41.54	56.00	-14.46	10.18	Neutral	-	31.36	0.13	0.15	9.90						
AV	4.142M	34.51	46.00	-11.49	10.18	Neutral	-	24.33	0.13	0.15	9.90						
QP	4.425M	41.87	56.00	-14.13	10.18	Neutral	-	31.69	0.14	0.15	9.89						
AV	4.425M	34.87	46.00	-11.13	10.18	Neutral	-	24.69	0.14	0.15	9.89						
QP	4.862M	41.84	56.00	-14.16	10.18	Neutral	-	31.66	0.15	0.15	9.88						
AV	4.862M	34.22	46.00	-11.78	10.18	Neutral	-	24.04	0.15	0.15	9.88						

**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_8TX	24.475M	19.193M	19M2D1D	20.46M	19.022M
802.11ax HEW40_Nss1,(MCS0)_8TX	42.79M	37.976M	38M0D1D	40.92M	37.836M
802.11ax HEW80_Nss1,(MCS0)_8TX	87.12M	77.838M	77M8D1D	82.06M	77.382M
802.11ax HEW160_Nss1,(MCS0)_8TX	167.2M	156.749M	157MD1D	162.36M	155.897M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

Max-OBW = Maximum 99% occupied bandwidth;

Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

Min-OBW = Minimum 99% occupied bandwidth

**Result**

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)	Port 5-N dB (Hz)	Port 5-OBW (Hz)	Port 6-N dB (Hz)	Port 6-OBW (Hz)	Port 7-N dB (Hz)	Port 7-OBW (Hz)	Port 8-N dB (Hz)	Port 8-OBW (Hz)
802.11ax HEW20_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	320 M	21.065 M	19.119M	22.605 M	19.07M	23.155 M	19.067M	22.935 M	19.077M	22.715 M	19.093M	23.1M	19.193M	23.21M	19.118M	24.365 M	19.098M
6195MHz	Pass	320 M	20.46M	19.101M	22.77M	19.044M	22.055 M	19.066M	23.155 M	19.045M	23.21M	19.11M	23.1M	19.065M	23.155 M	19.061M	23.54M	19.046M
6415MHz	Pass	320 M	24.475 M	19.022M	23.76M	19.022M	22.77M	19.025M	22.385 M	19.026M	22.33M	19.094M	23.1M	19.042M	23.815 M	19.074M	23.375 M	19.057M
802.11ax HEW40_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	320 M	41.36M	37.846M	41.58M	37.867M	41.14M	37.843M	42.13M	37.913M	41.58M	37.891M	41.8M	37.927M	41.47M	37.836M	41.8M	37.88M
6205MHz	Pass	320 M	42.13M	37.916M	41.36M	37.943M	42.24M	37.907M	40.92M	37.877M	41.69M	37.926M	41.14M	37.976M	41.25M	37.921M	42.24M	37.873M
6405MHz	Pass	320 M	41.8M	37.879M	42.02M	37.936M	41.47M	37.963M	42.79M	37.881M	41.8M	37.893M	41.14M	37.907M	41.47M	37.897M	42.13M	37.857M
802.11ax HEW80_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	320 M	85.36M	77.838M	85.14M	77.588M	85.8M	77.466M	83.82M	77.731M	84.7M	77.489M	86.46M	77.586M	85.36M	77.51M	85.58M	77.725M
6225MHz	Pass	320 M	85.58M	77.598M	86.68M	77.544M	83.6M	77.451M	84.48M	77.532M	85.36M	77.648M	87.12M	77.562M	85.58M	77.471M	85.58M	77.541M
6385MHz	Pass	320 M	86.02M	77.382M	85.14M	77.388M	84.26M	77.386M	84.92M	77.467M	86.9M	77.552M	85.8M	77.417M	82.06M	77.393M	86.68M	77.406M
802.11ax HEW160_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6025MHz	Pass	320 M	162.36 M	155.897 M	165.88 M	156.212 M	163.68 M	156.136 M	166.76 M	155.996 M	163.68 M	155.951 M	164.56 M	156.321 M	165.88 M	156.077 M	165.44 M	156.163 M
6185MHz	Pass	320 M	162.36 M	156.195 M	165.44 M	156.211 M	165M	156.104 M	165.44 M	156.374 M	167.2M	156.475 M	164.12 M	156.749 M	165.88 M	156.443 M	166.32 M	156.605 M
6345MHz	Pass	320 M	165.44 M	156.085 M	165M	156.156 M	167.2M	156.19M	165.88 M	156.122 M	165M	156.476 M	166.76 M	156.188 M	165.88 M	156.205 M	165M	155.911 M

Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band  
Port X-OBW = Port X 99% occupied bandwidth

5.925-6.425GHz\_802.11ax\_HEW20\_Nss1,(MCS0)\_8TX

EBW

5955MHz

17/02/2025

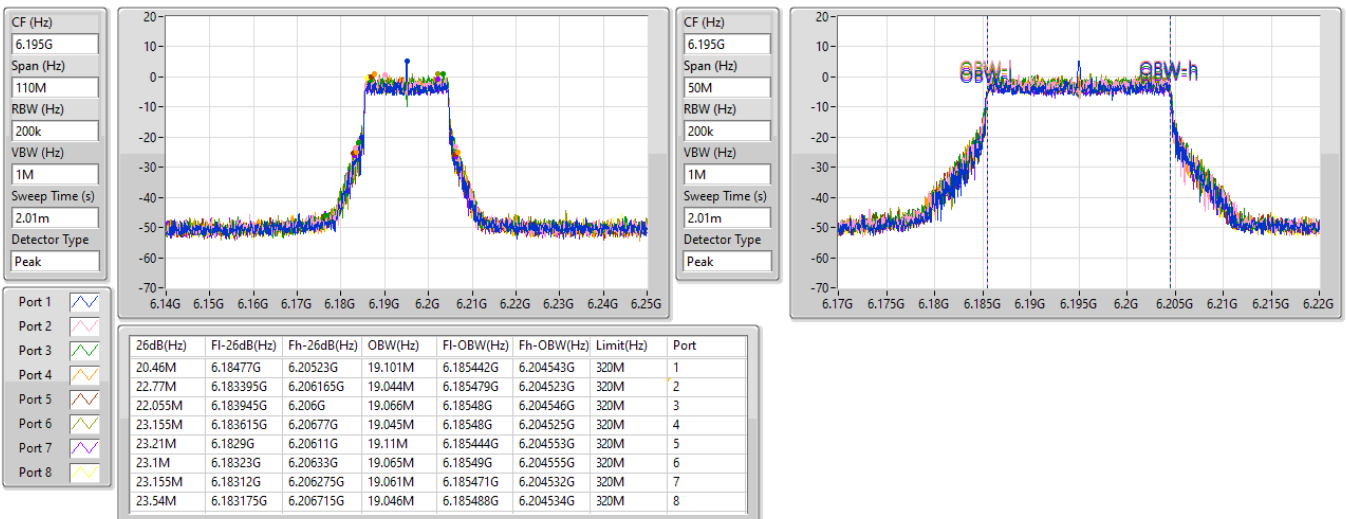


5.925-6.425GHz\_802.11ax\_HEW20\_Nss1,(MCS0)\_8TX

EBW

6195MHz

17/02/2025

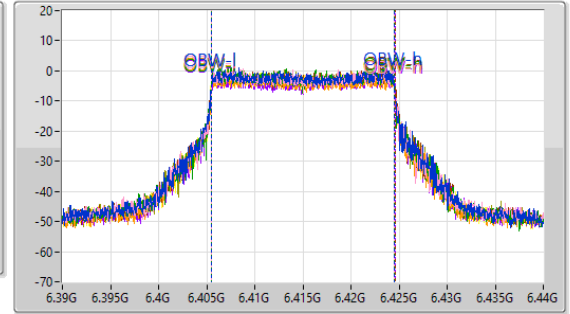
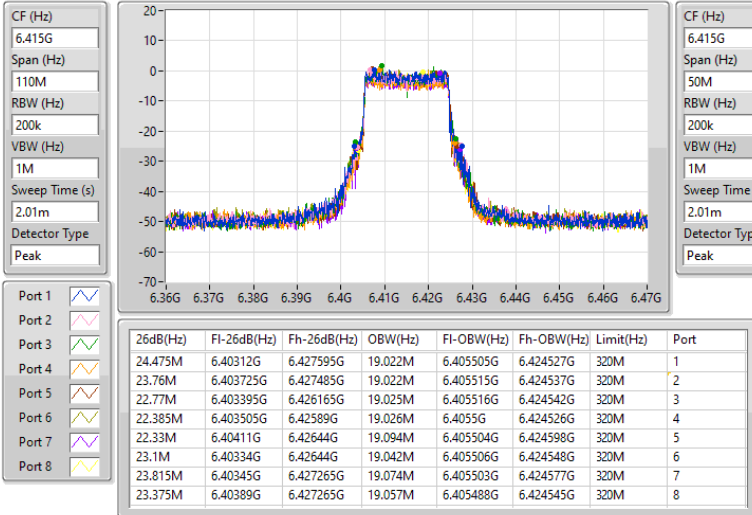


5.925-6.425GHz\_802.11ax HEW20\_Nss1,(MCS0)\_8TX

EBW

6415MHz

17/02/2025

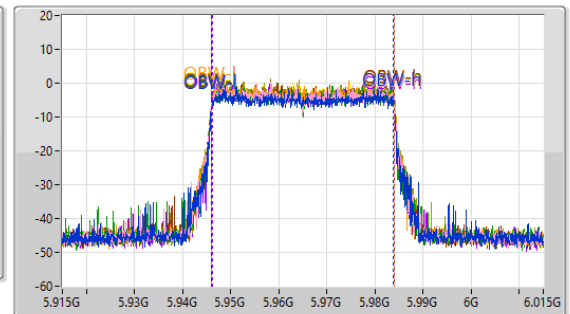
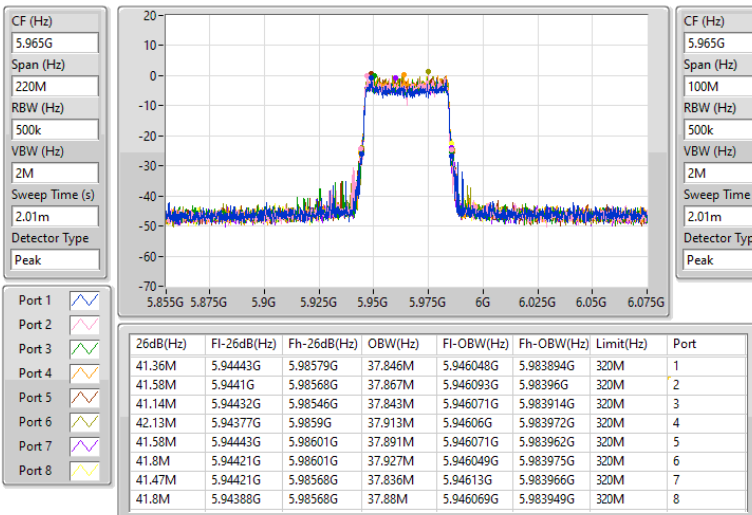


5.925-6.425GHz\_802.11ax HEW40\_Nss1,(MCS0)\_8TX

EBW

5965MHz

17/02/2025

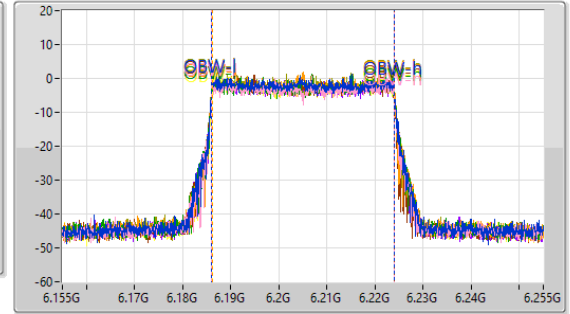
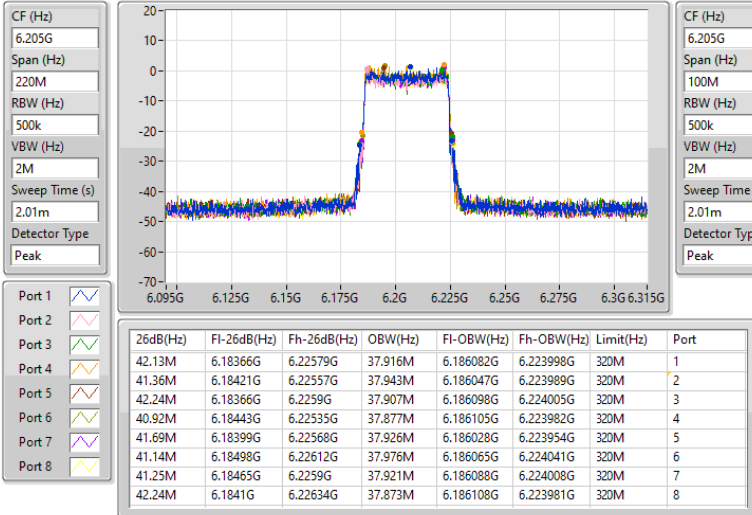


5.925-6.425GHz\_802.11ax\_HEW40\_Nss1,(MCS0)\_8TX

EBW

6205MHz

17/02/2025

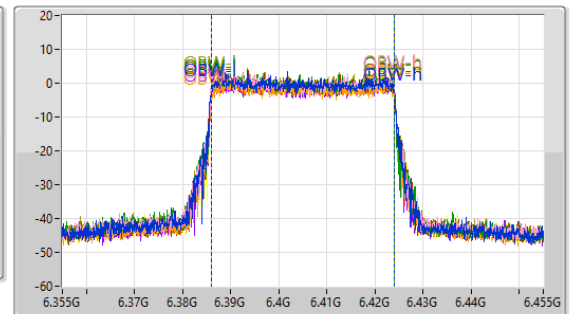
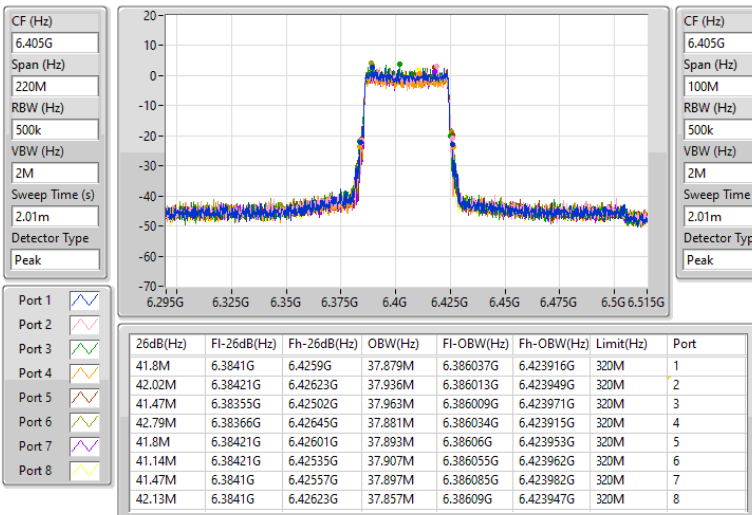


5.925-6.425GHz\_802.11ax\_HEW40\_Nss1,(MCS0)\_8TX

EBW

6405MHz

17/02/2025

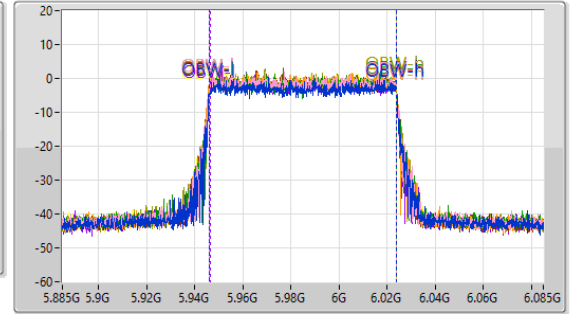
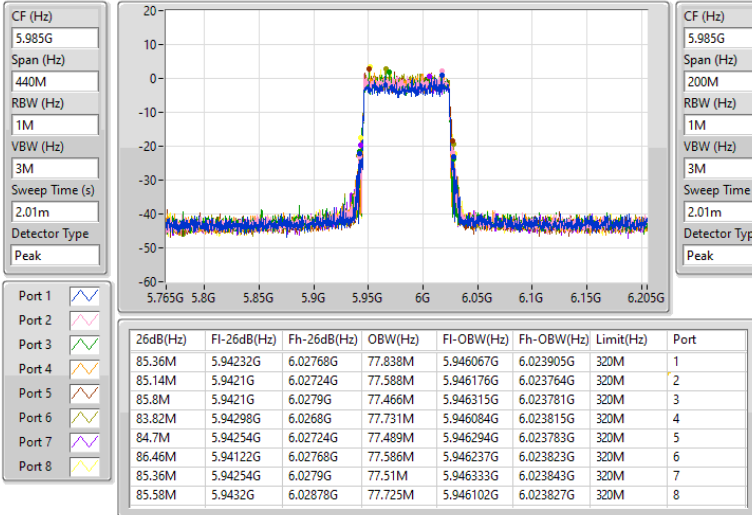


5.925-6.425GHz\_802.11ax HEW80\_Nss1,(MCS0)\_8TX

EBW

5985MHz

17/02/2025

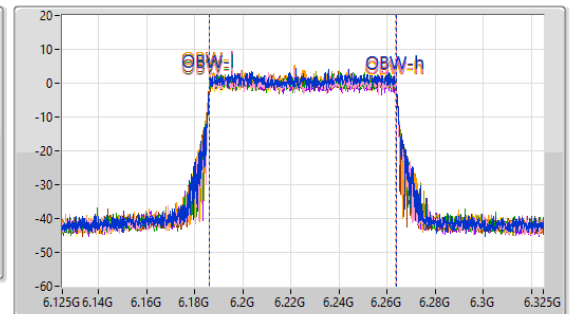
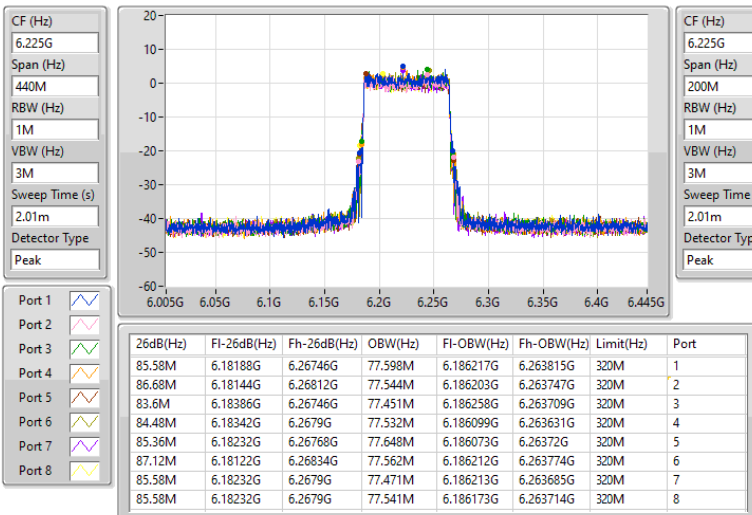


5.925-6.425GHz\_802.11ax HEW80\_Nss1,(MCS0)\_8TX

EBW

6225MHz

17/02/2025



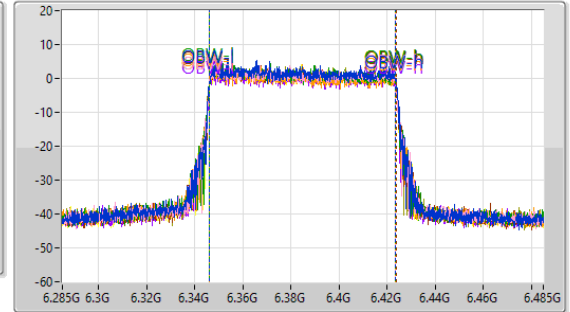
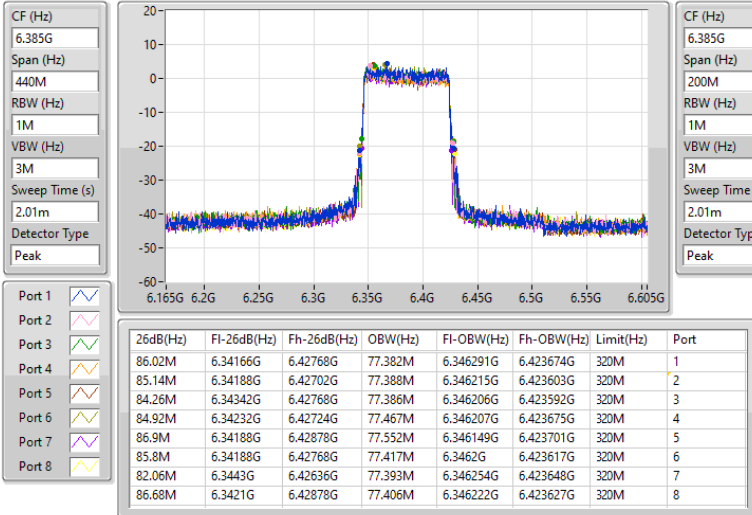


## 5.925-6.425GHz\_802.11ax HEW80\_Nss1,(MCS0)\_8TX

EBW

6385MHz

17/02/2025

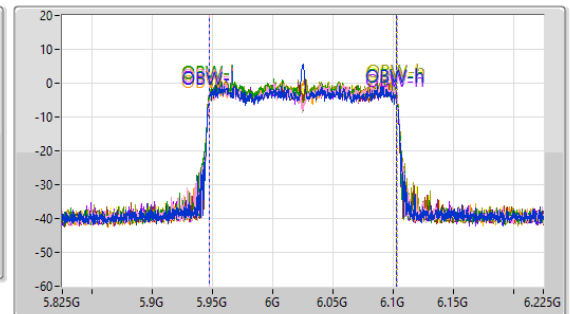
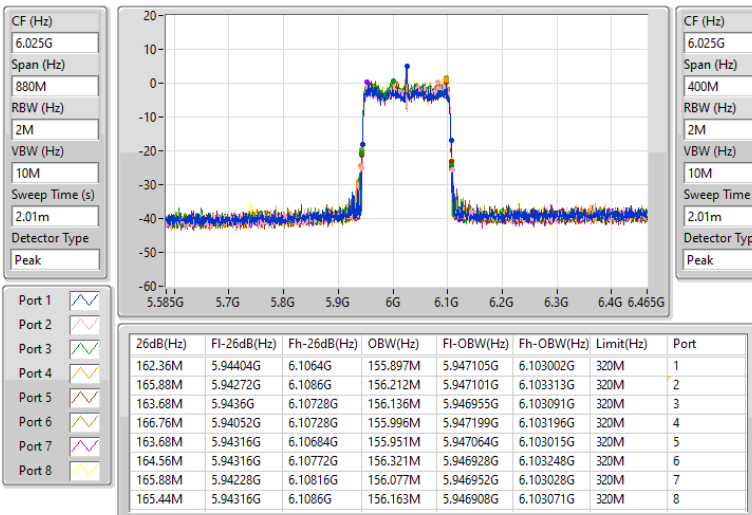


## 5.925-6.425GHz\_802.11ax HEW160\_Nss1,(MCS0)\_8TX

EBW

6025MHz

17/02/2025

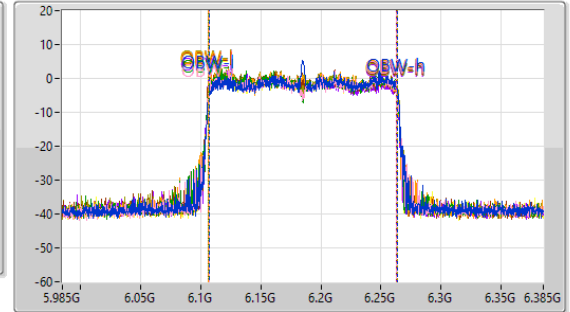
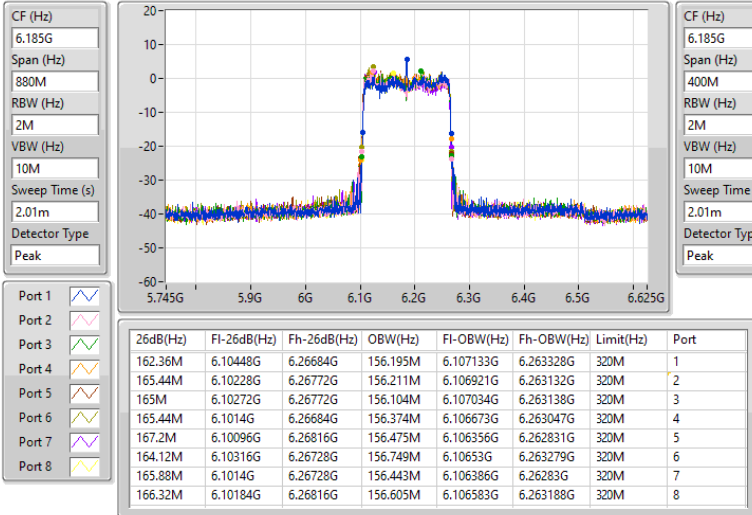


5.925-6.425GHz\_802.11ax HEW160\_Nss1,(MCS0)\_8TX

EBW

6185MHz

17/02/2025

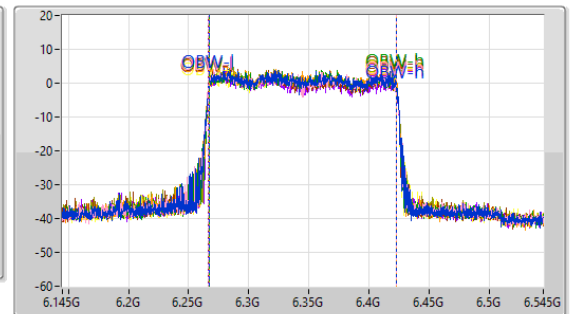
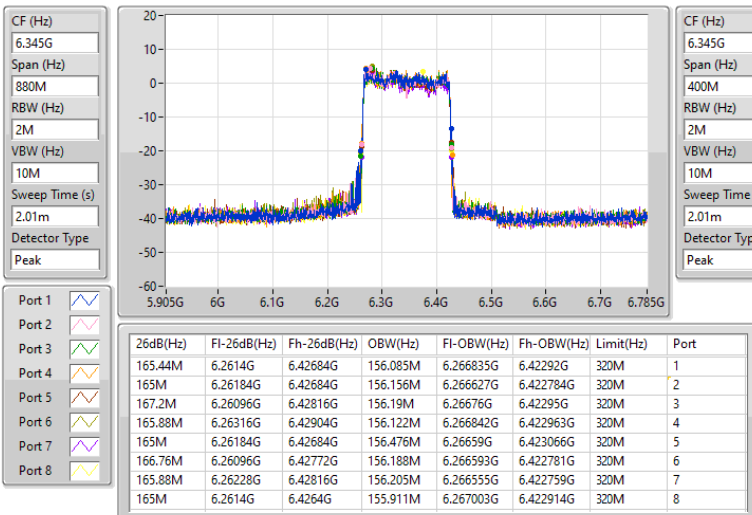


5.925-6.425GHz\_802.11ax HEW160\_Nss1,(MCS0)\_8TX

EBW

6345MHz

17/02/2025



**Summary**

Mode	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_8TX	29.48	0.88716
802.11ax HEW40_Nss1,(MCS0)_8TX	32.52	1.78649
802.11ax HEW80_Nss1,(MCS0)_8TX	33.38	2.17771
802.11ax HEW160_Nss1,(MCS0)_8TX	31.07	1.27938

**Result**

Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20_Nss1,(MCS0)_8TX	-	-	-
5955MHz	Pass	28.43	36.00
6195MHz	Pass	29.48	36.00
6415MHz	Pass	29.21	36.00
802.11ax HEW40_Nss1,(MCS0)_8TX	-	-	-
5965MHz	Pass	27.47	36.00
6205MHz	Pass	30.27	36.00
6405MHz	Pass	32.52	36.00
802.11ax HEW80_Nss1,(MCS0)_8TX	-	-	-
5985MHz	Pass	28.66	36.00
6225MHz	Pass	30.91	36.00
6385MHz	Pass	33.38	36.00
802.11ax HEW160_Nss1,(MCS0)_8TX	-	-	-
6025MHz	Pass	28.56	36.00
6185MHz	Pass	28.68	36.00
6345MHz	Pass	31.07	36.00

DG = Directional Gain; Port X = Port X output power  
 Inf = There's no restriction for the limit.

14/02/2025

EIRP;Band:6.2G;ax20;BWch:20MHz;Nss:1,(M0);Nant:8;Ch:5955MHz;TX

CF Freq  
5.955GHz

Span  
50MHz

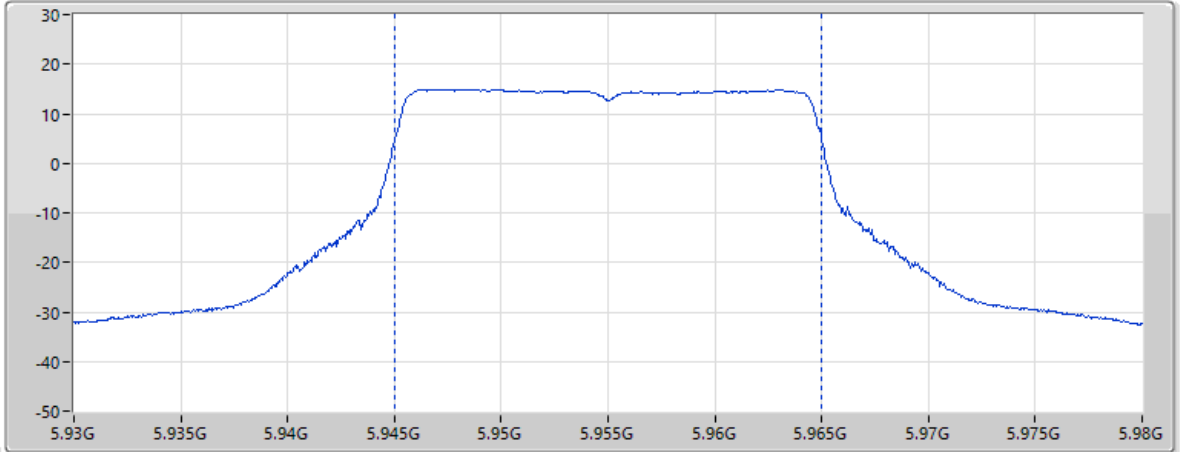
RBW  
1MHz

VBW  
3MHz

Sweep Time  
1.01ms

Detector Type  
RMS

CP BW  
20MHz



Page 10

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
28.43				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
6.45	10.59	7.47	32.44	57.54

14/02/2025

EIRP;Band:6.2G;ax20;BWch:20MHz;Nss:1,(M0);Nant:8;Ch:6195MHz;TX

CF Freq  
6.195GHz

Span  
50MHz

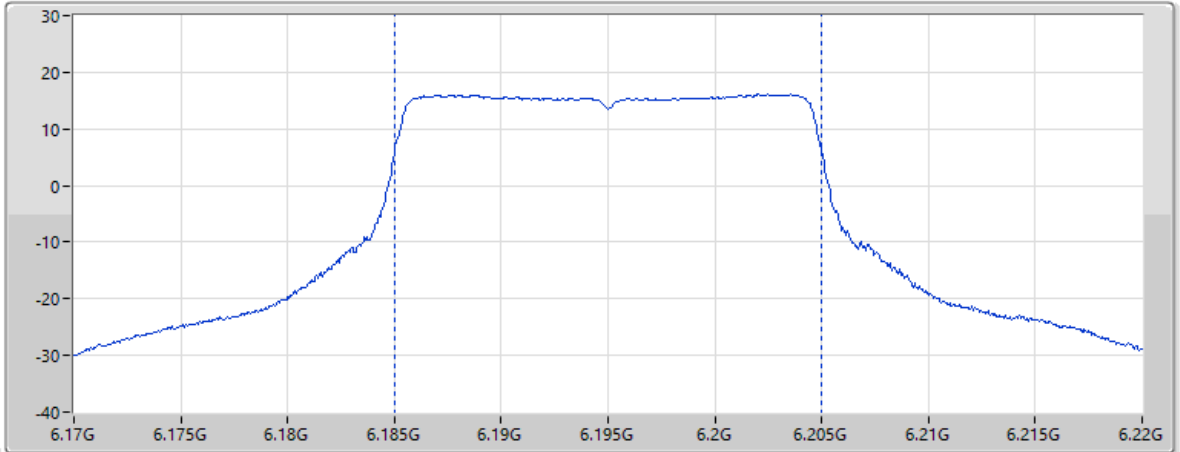
RBW  
1MHz

VBW  
3MHz

Sweep Time  
1.01ms

Detector Type  
RMS

CP BW  
20MHz

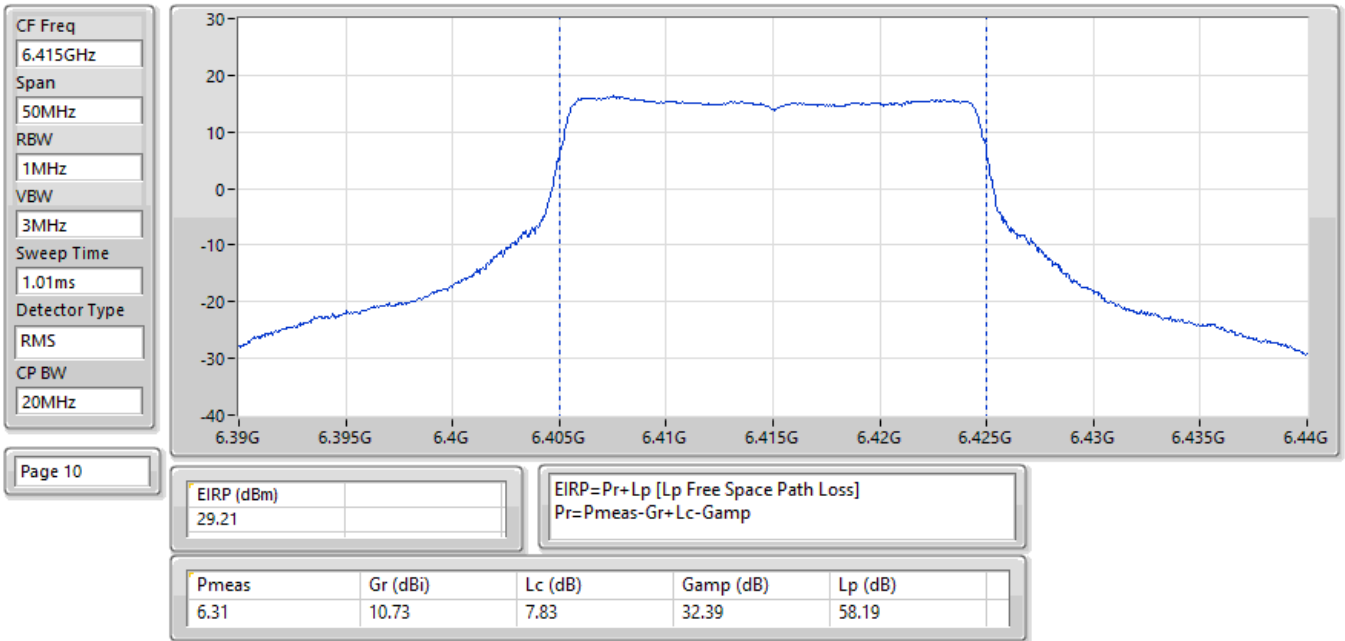


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EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
29.48				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
7.13	10.70	7.59	32.42	57.88

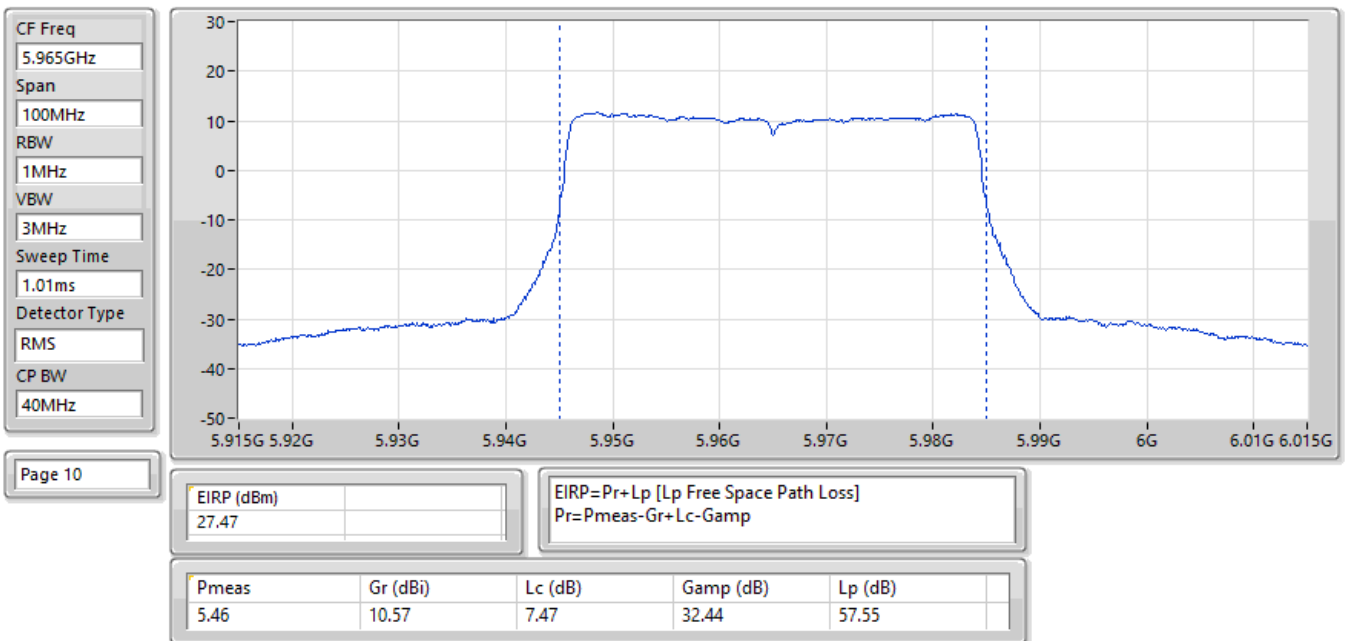
12/02/2025

EIRP:Band:6.2G;ax20;BWch:20MHz;Nss:1,(M0);Nant:8;Ch:6415MHz;TX



14/02/2025

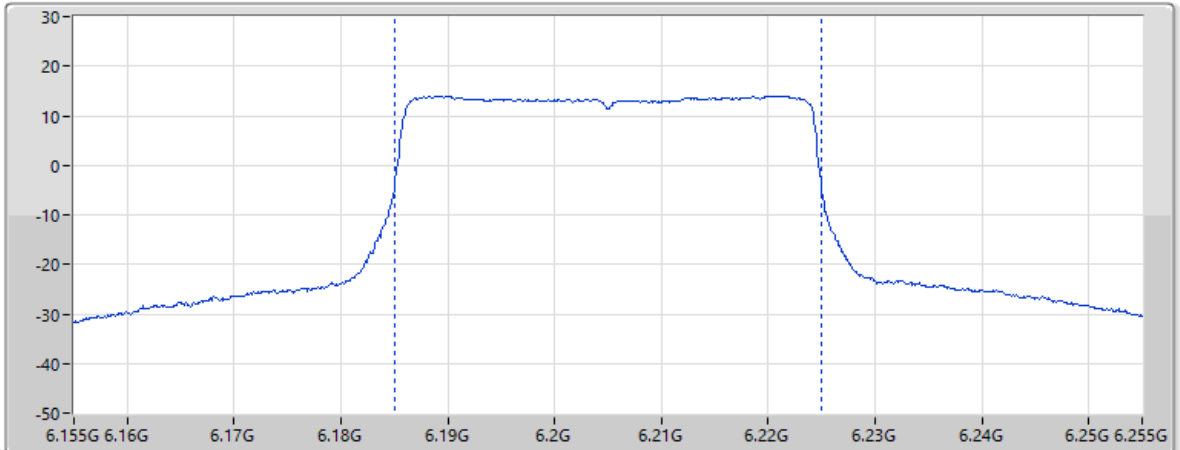
EIRP:Band:6.2G;ax40;BWch:40MHz;Nss:1,(M0);Nant:8;Ch:5965MHz;TX



18/02/2025

EIRP:Band:6.2G;ax40;BWch:40MHz;Nss:1,(M0);Nant:8;Ch:6205MHz;TX

CF Freq  
6.205GHz  
Span  
100MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
1.01ms  
Detector Type  
RMS  
CP BW  
40MHz



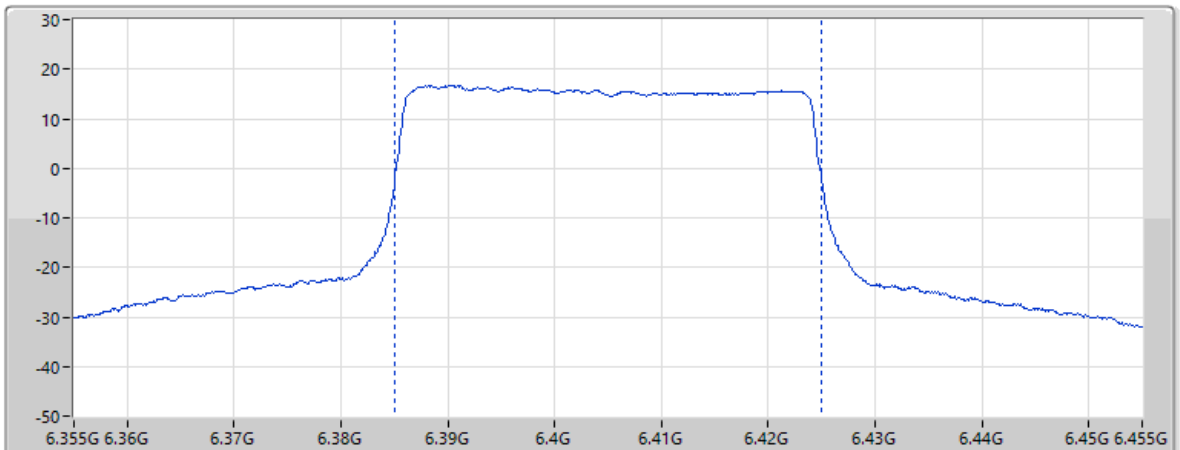
Page 10

EIRP (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
30.27				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
7.91	10.72	7.60	32.42	57.90

12/02/2025

EIRP:Band:6.2G;ax40;BWch:40MHz;Nss:1,(M0);Nant:8;Ch:6405MHz;TX

CF Freq  
6.405GHz  
Span  
100MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
1.01ms  
Detector Type  
RMS  
CP BW  
40MHz



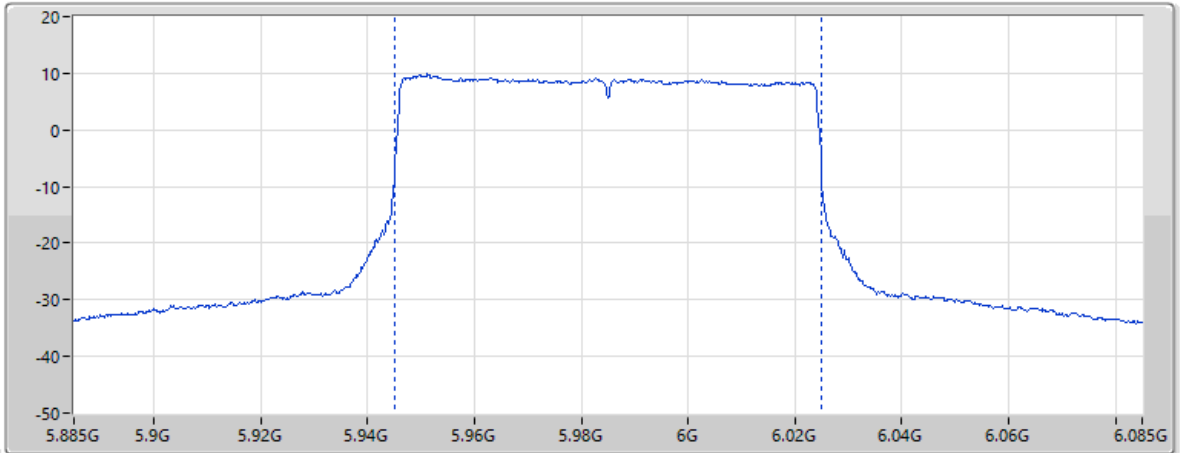
Page 10

EIRP (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
32.52				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
9.63	10.71	7.82	32.39	58.17

18/02/2025

EIRP:Band:6.2G;ax80;BWch:80MHz;Nss:1,(M0);Nant:8;Ch:5985MHz;TX

CF Freq  
5.985GHz  
Span  
200MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
1.01ms  
Detector Type  
RMS  
CP BW  
80MHz



Page 10

EIRP (dBm)  
28.66

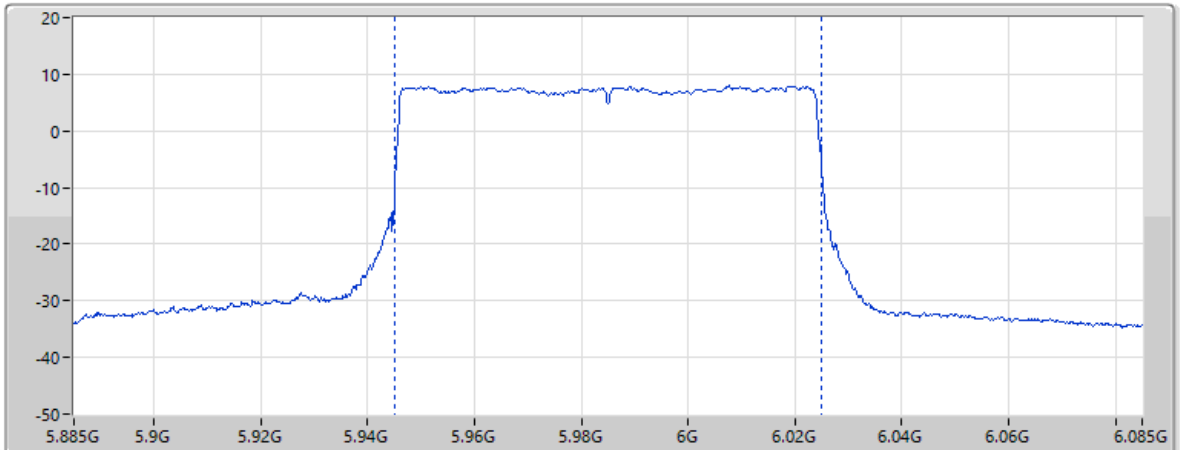
EIRP=Pr+Lp [Lp Free Space Path Loss]  
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
6.56	10.53	7.49	32.44	57.58

12/02/2025

EIRP:Band:6.2G;ax80;BWch:80MHz;Nss:1,(M0);Nant:8;Ch:5985MHz;TX

CF Freq  
5.985GHz  
Span  
200MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
1.01ms  
Detector Type  
RMS  
CP BW  
80MHz



Page 9

EIRP (dBm)  
27.3

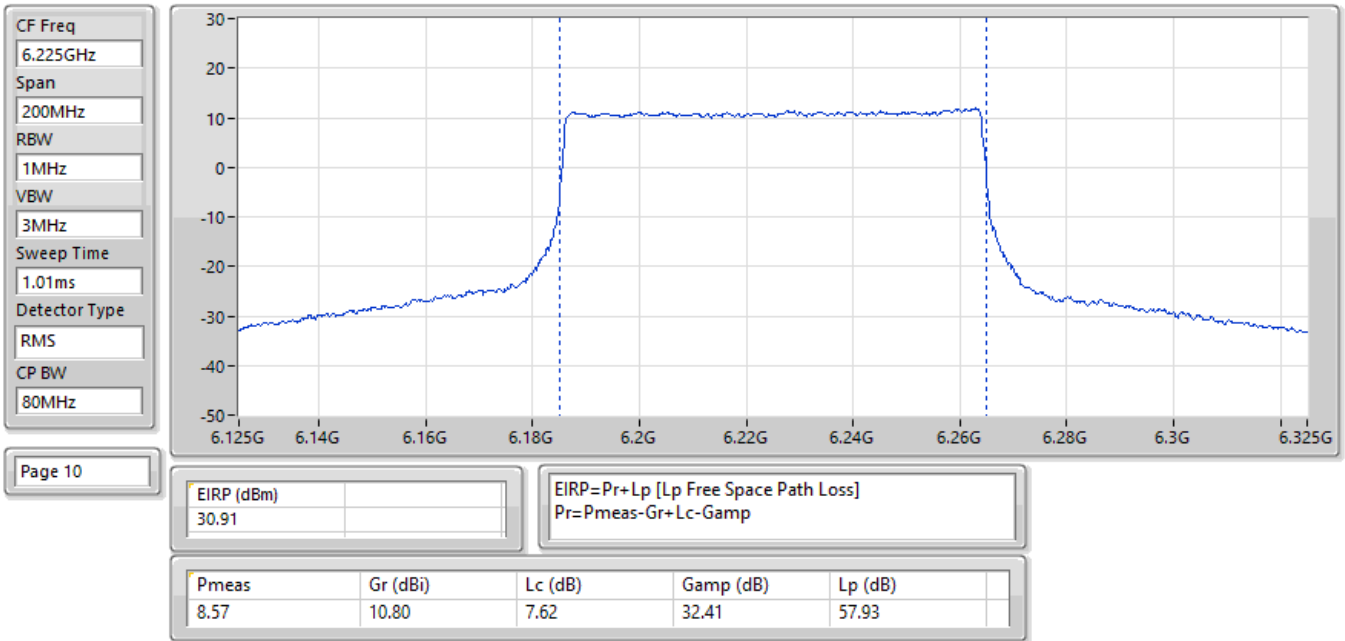
EIRP=Pr+Lp [Lp Free Space Path Loss]  
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
5.20	10.53	7.49	32.44	57.58



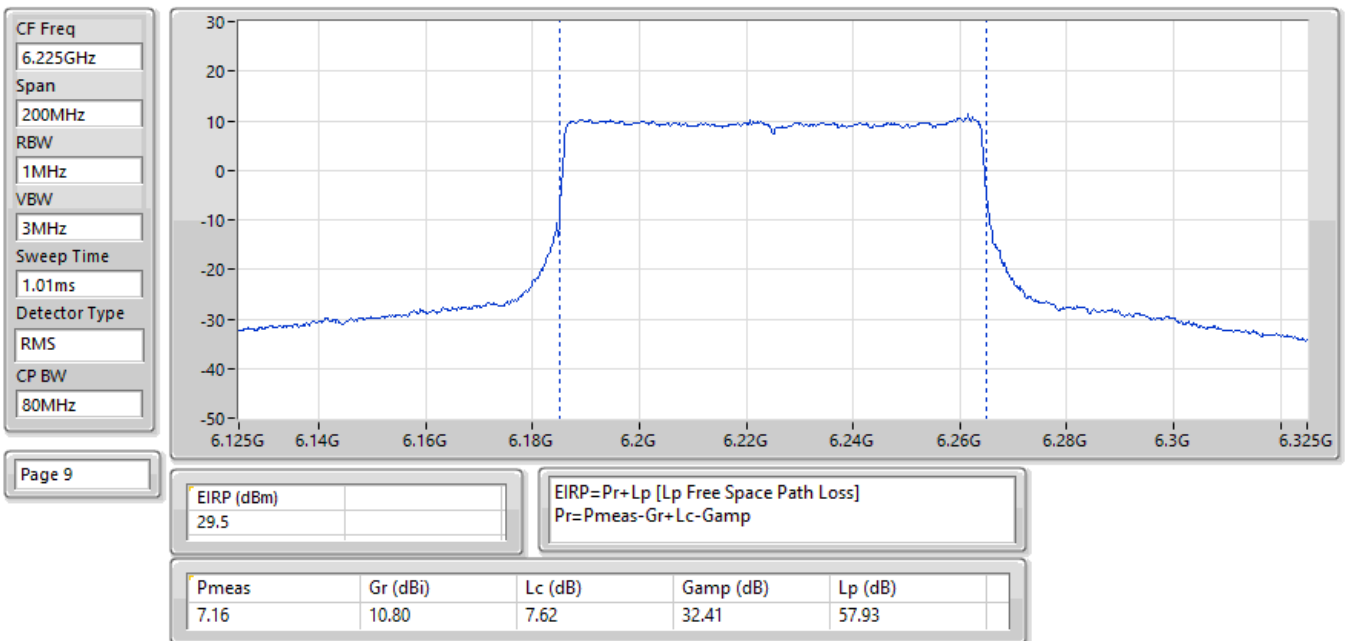
18/02/2025

EIRP:Band:6.2G;ax80;BWch:80MHz;Nss:1,(M0);Nant:8;Ch:6225MHz;TX



12/02/2025

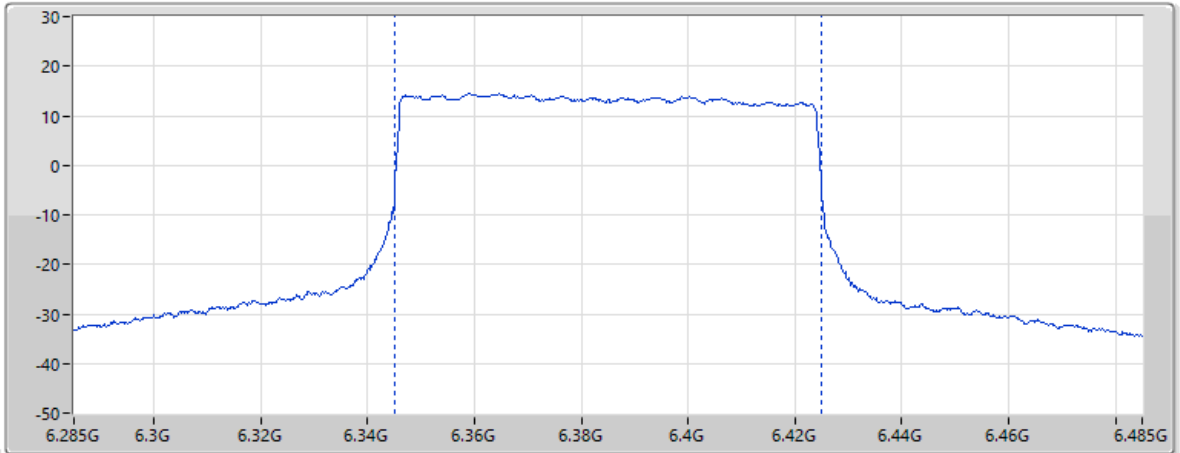
EIRP:Band:6.2G;ax80;BWch:80MHz;Nss:1,(M0);Nant:8;Ch:6225MHz;TX



12/02/2025

EIRP;Band:6.2G;ax80;BWch:80MHz;Nss:1,(M0);Nant:8;Ch:6385MHz;TX

CF Freq  
6.385GHz  
Span  
200MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
1.01ms  
Detector Type  
RMS  
CP BW  
80MHz



Page 10

EIRP (dBm)  
33.38

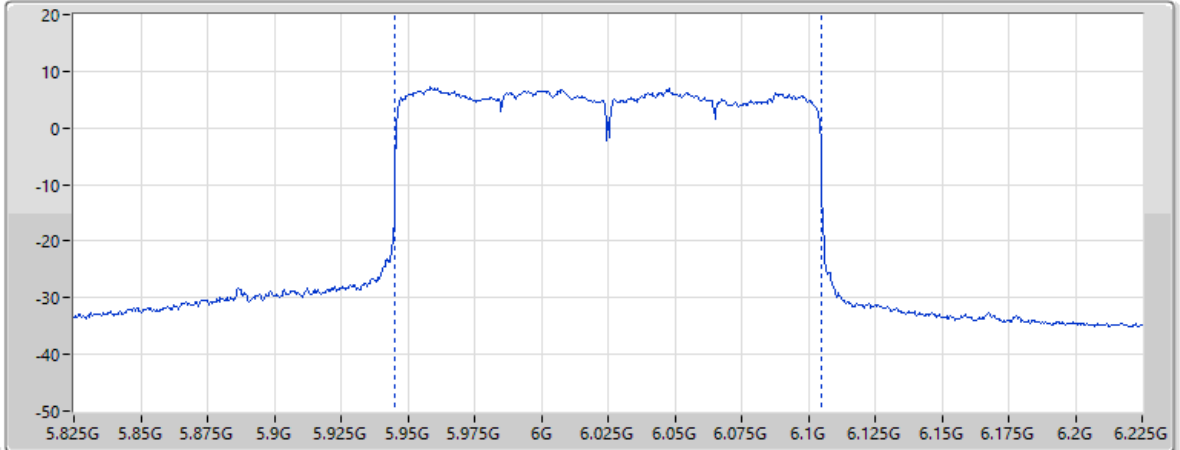
EIRP=Pr+Lp [Lp Free Space Path Loss]  
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
10.58	10.76	7.80	32.39	58.15

18/02/2025

EIRP;Band:6.2G;ax160;BWch:160MHz;Nss:1,(M0);Nant:8;Ch:6025MHz;TX

CF Freq  
6.025GHz  
Span  
400MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
1.01ms  
Detector Type  
RMS  
CP BW  
160MHz



Page 10

EIRP (dBm)  
28.56

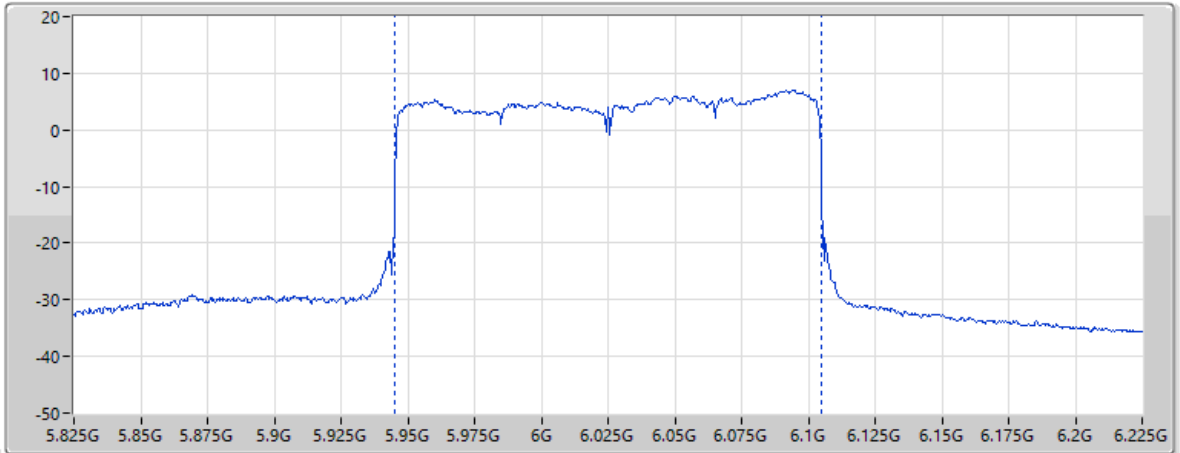
EIRP=Pr+Lp [Lp Free Space Path Loss]  
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
6.35	10.50	7.51	32.44	57.64

12/02/2025

EIRP;Band:6.2G;ax160;BWch:160MHz;Nss:1,(M0);Nant:8;Ch:6025MHz;TX

CF Freq  
6.025GHz  
Span  
400MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
1.01ms  
Detector Type  
RMS  
CP BW  
160MHz



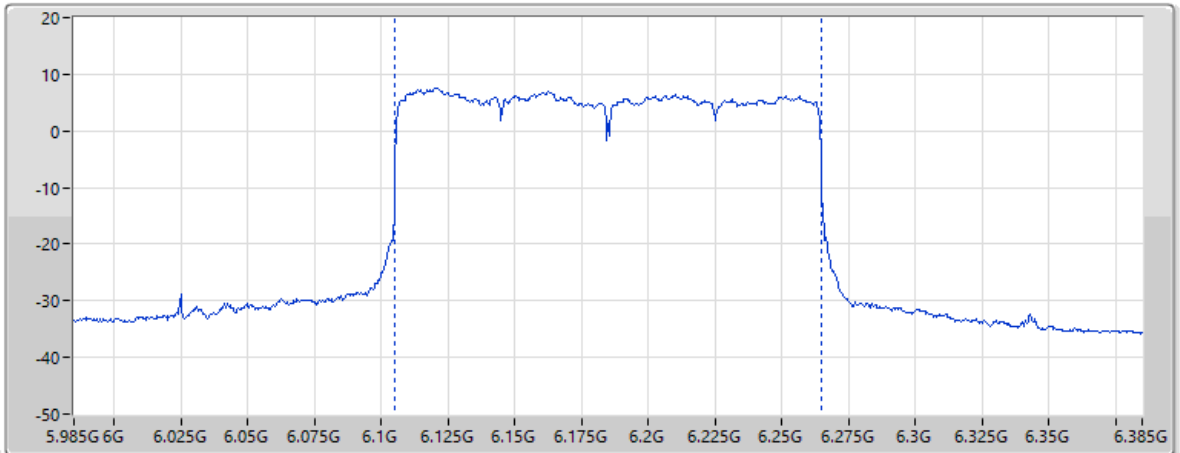
Page 9

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
27.78				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
5.57	10.50	7.51	32.44	57.64

18/02/2025

EIRP;Band:6.2G;ax160;BWch:160MHz;Nss:1,(M0);Nant:8;Ch:6185MHz;TX

CF Freq  
6.185GHz  
Span  
400MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
1.01ms  
Detector Type  
RMS  
CP BW  
160MHz



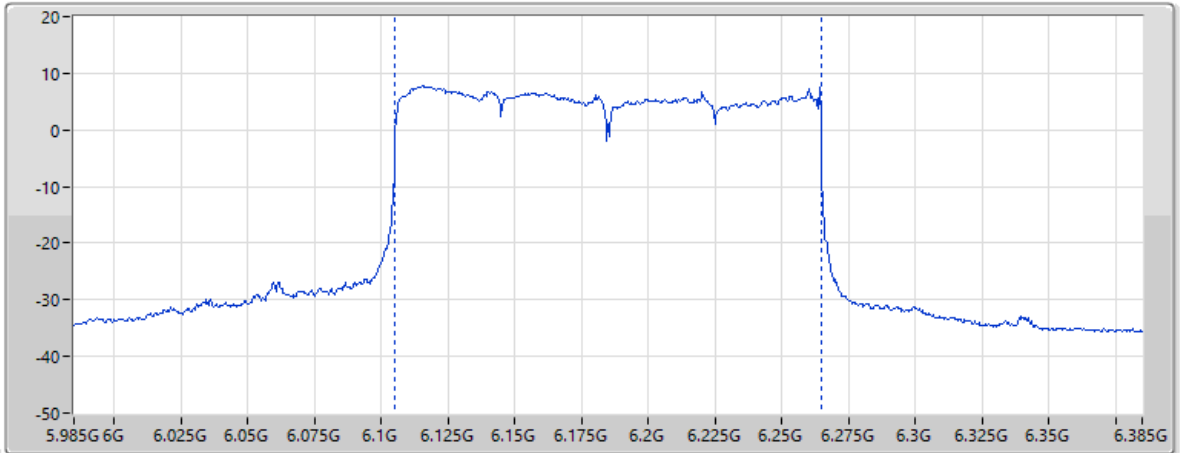
Page 10

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
28.68				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
6.35	10.70	7.58	32.42	57.87

12/02/2025

EIRP;Band:6.2G;ax160;BWch:160MHz;Nss:1,(M0);Nant:8;Ch:6185MHz;TX

CF Freq  
6.185GHz  
Span  
400MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
1.01ms  
Detector Type  
RMS  
CP BW  
160MHz



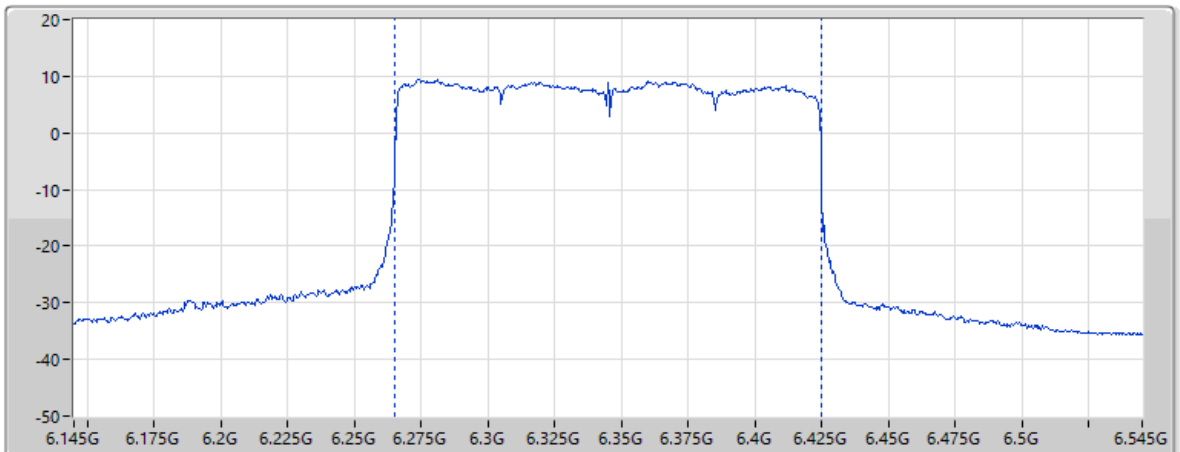
Page 9

EIRP (dBm) 28.68		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
6.35	10.70	7.58	32.42	57.87

18/02/2025

EIRP;Band:6.2G;ax160;BWch:160MHz;Nss:1,(M0);Nant:8;Ch:6345MHz;TX

CF Freq  
6.345GHz  
Span  
400MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
1.01ms  
Detector Type  
RMS  
CP BW  
160MHz

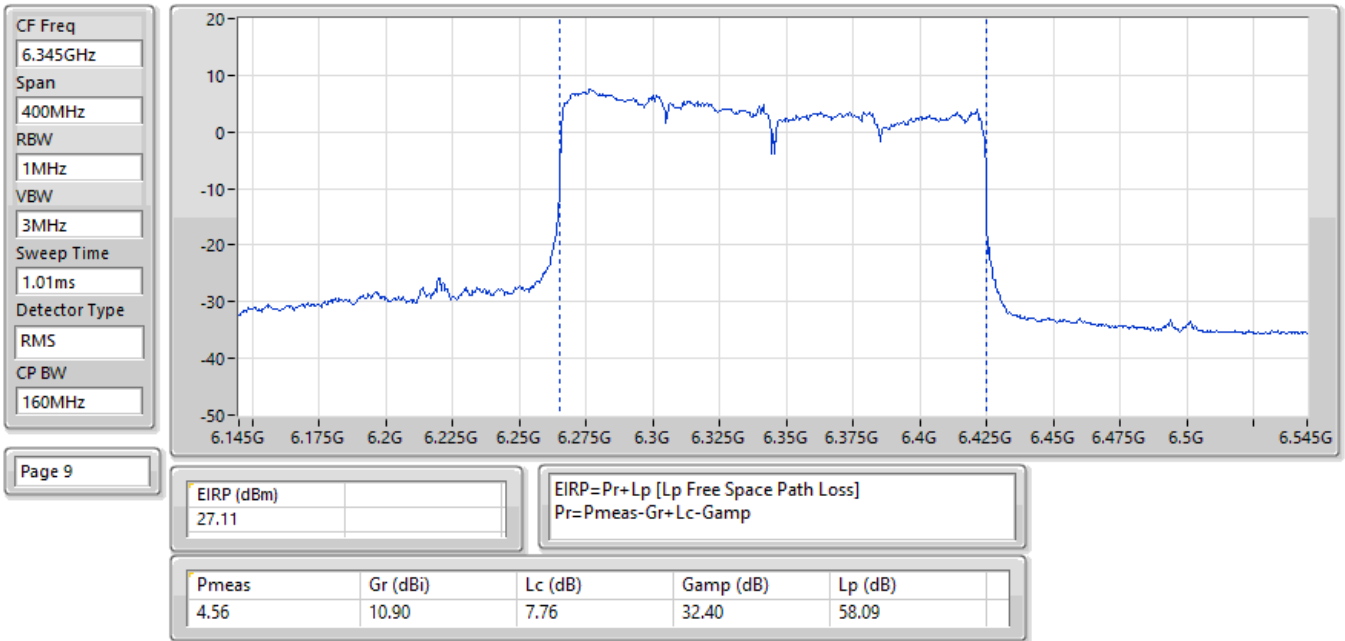


Page 10

EIRP (dBm) 31.07		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
8.52	10.90	7.76	32.40	58.09

12/02/2025

**EIRP;Band:6.2G;ax160;BWch:160MHz;Nss:1,(M0);Nant:8;Ch:6345MHz;TX**



**Summary**

Mode	. EIRP [Phi 30°] (dBm)	. EIRP [Phi 30°] (W)
5.925-6.425GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_8TX	20.62	0.11535
802.11ax HEW40_Nss1,(MCS0)_8TX	20.52	0.11272
802.11ax HEW80_Nss1,(MCS0)_8TX	20.61	0.11508
802.11ax HEW160_Nss1,(MCS0)_8TX	20.77	0.11940

**Result**

Mode	Result	. EIRP [Phi 30°] (dBm)	. EIRP [Phi 30°] Limit (dBm)
802.11ax HEW20_Nss1,(MCS0)_8TX	-	-	-
5955MHz	Pass	20.62	21.00
6195MHz	Pass	20.01	21.00
6415MHz	Pass	20.00	21.00
802.11ax HEW40_Nss1,(MCS0)_8TX	-	-	-
5965MHz	Pass	20.26	21.00
6205MHz	Pass	20.52	21.00
6405MHz	Pass	20.32	21.00
802.11ax HEW80_Nss1,(MCS0)_8TX	-	-	-
5985MHz	Pass	20.61	21.00
6225MHz	Pass	20.24	21.00
6385MHz	Pass	20.29	21.00
802.11ax HEW160_Nss1,(MCS0)_8TX	-	-	-
6025MHz	Pass	20.07	21.00
6185MHz	Pass	20.77	21.00
6345MHz	Pass	20.50	21.00

DG = Directional Gain; Port X = Port X output power  
 Inf = There's no restriction for the limit.

11/02/2025

EIRP;Band:6.2G;ax20;BWch:20MHz;Nss:1,(M0);Nant:8;Ch:5955MHz;TX

CF Freq  
5.955GHz

Span  
50MHz

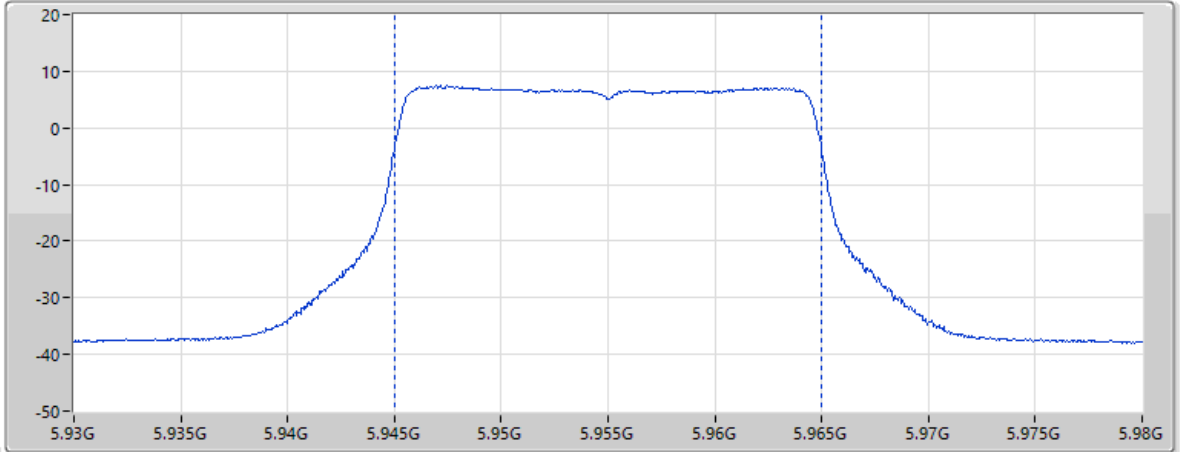
RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS

CP BW  
20MHz



Page 9

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
20.62				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-1.36	10.59	7.47	32.44	57.54

11/02/2025

EIRP;Band:6.2G;ax20;BWch:20MHz;Nss:1,(M0);Nant:8;Ch:6195MHz;TX

CF Freq  
6.195GHz

Span  
50MHz

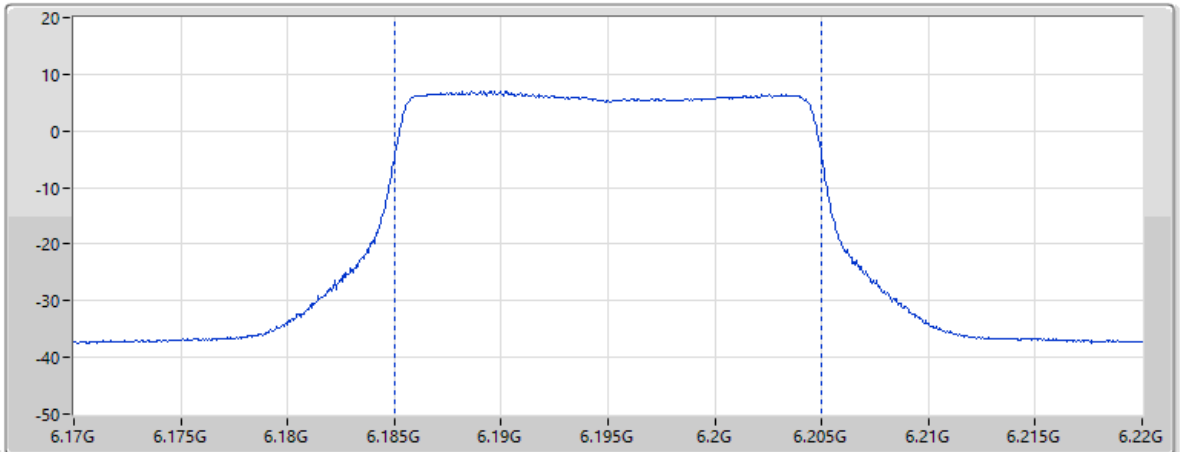
RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS

CP BW  
20MHz



Page 10

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
20.01				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-2.34	10.70	7.59	32.42	57.88



11/02/2025

EIRP:Band:6.2G;ax20;BWch:20MHz;Nss:1,(M0);Nant:8;Ch:6415MHz;TX

CF Freq  
6.415GHz

Span  
50MHz

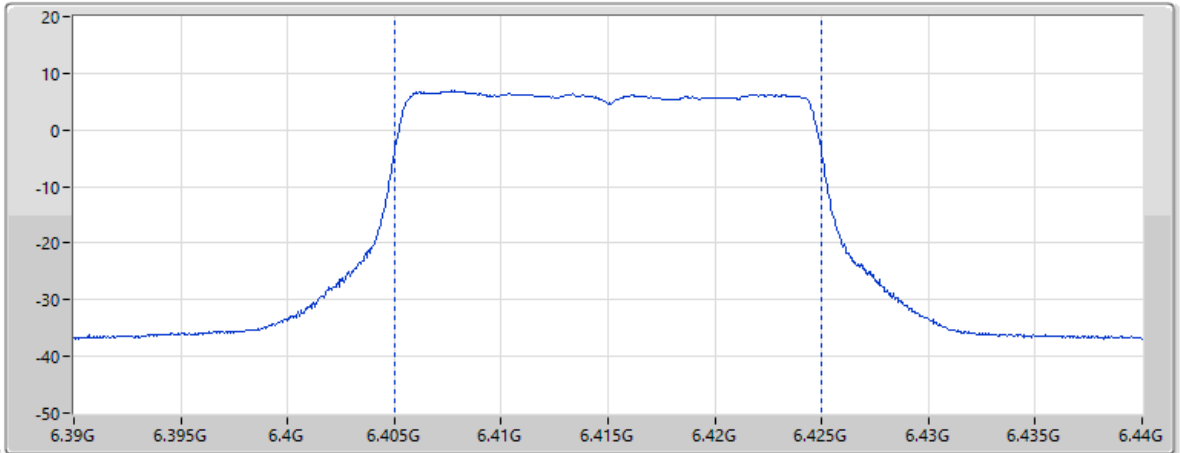
RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS

CP BW  
20MHz



Page 9

EIRP (dBm)	20	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-2.90	10.73	7.83	32.39	58.19

11/02/2025

EIRP:Band:6.2G;ax40;BWch:40MHz;Nss:1,(M0);Nant:8;Ch:5965MHz;TX

CF Freq  
5.965GHz

Span  
100MHz

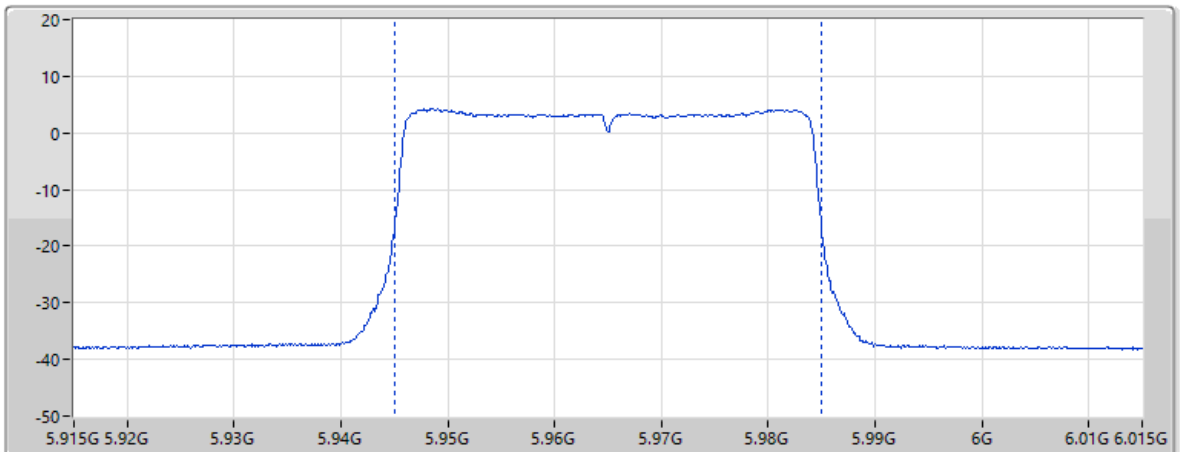
RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS

CP BW  
40MHz

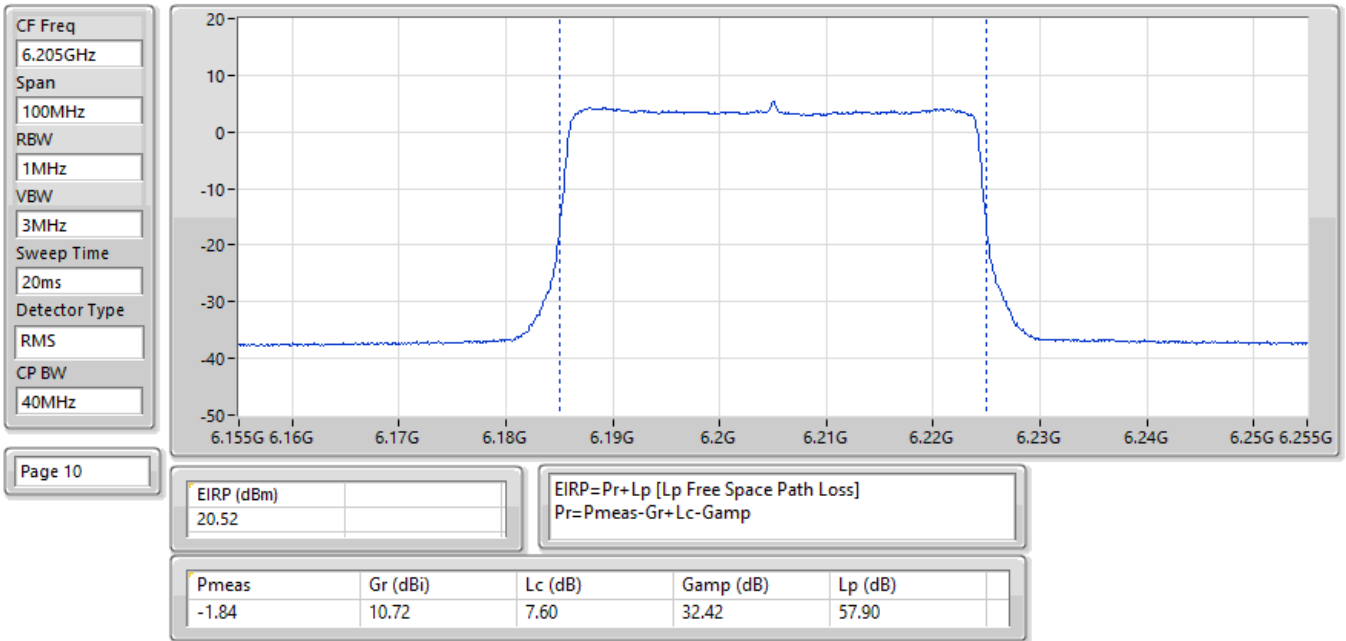


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EIRP (dBm)	20.26	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-1.75	10.57	7.47	32.44	57.55

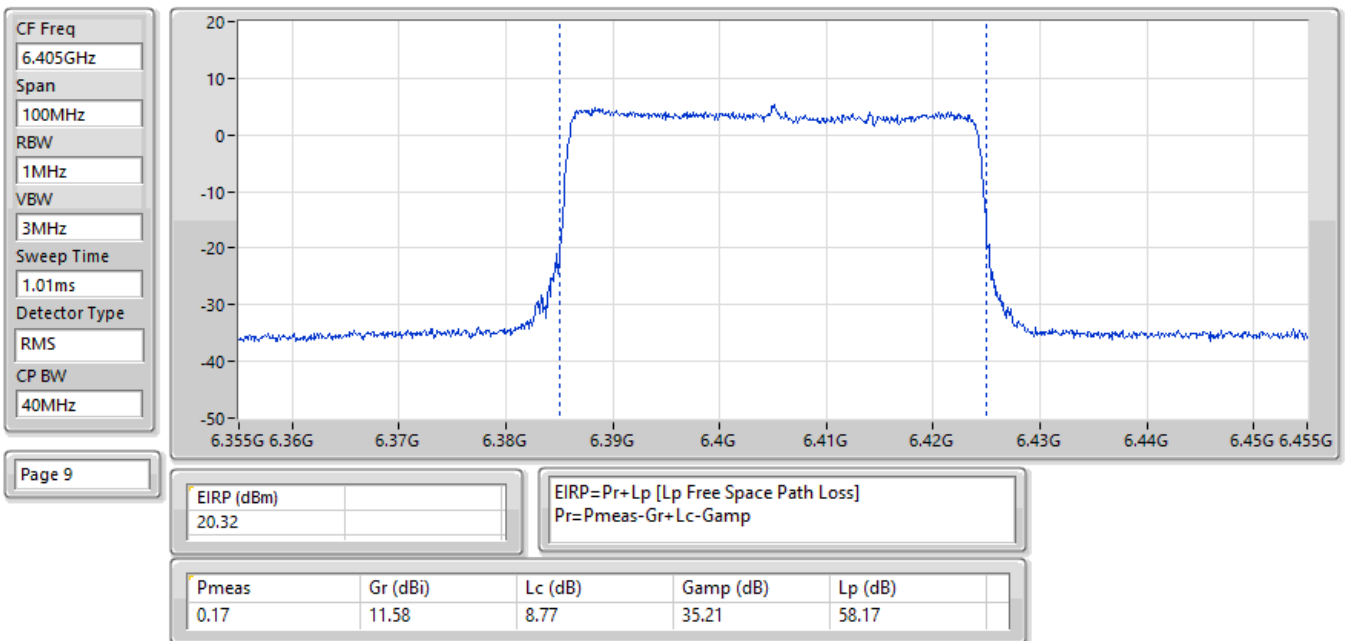
11/02/2025

EIRP:Band:6.2G;ax40;BWch:40MHz;Nss:1,(M0);Nant:8;Ch:6205MHz;TX



14/02/2025

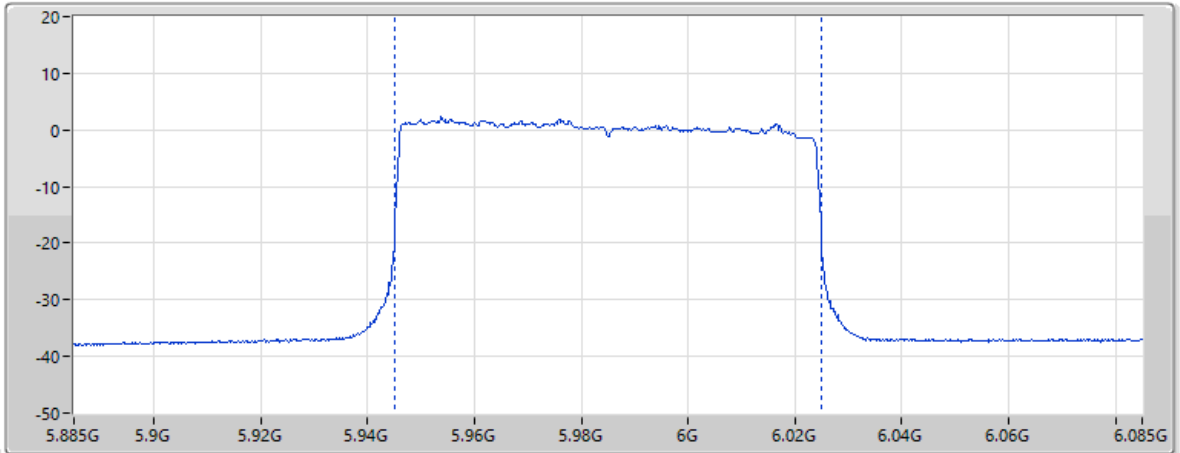
EIRP:Band:6.2G;ax40;BWch:40MHz;Nss:1,(M0);Nant:8;Ch:6405MHz;TX



11/02/2025

EIRP:Band:6.2G;ax80;BWch:80MHz;Nss:1,(M0);Nant:8;Ch:5985MHz;TX

CF Freq  
5.985GHz  
Span  
200MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS  
CP BW  
80MHz



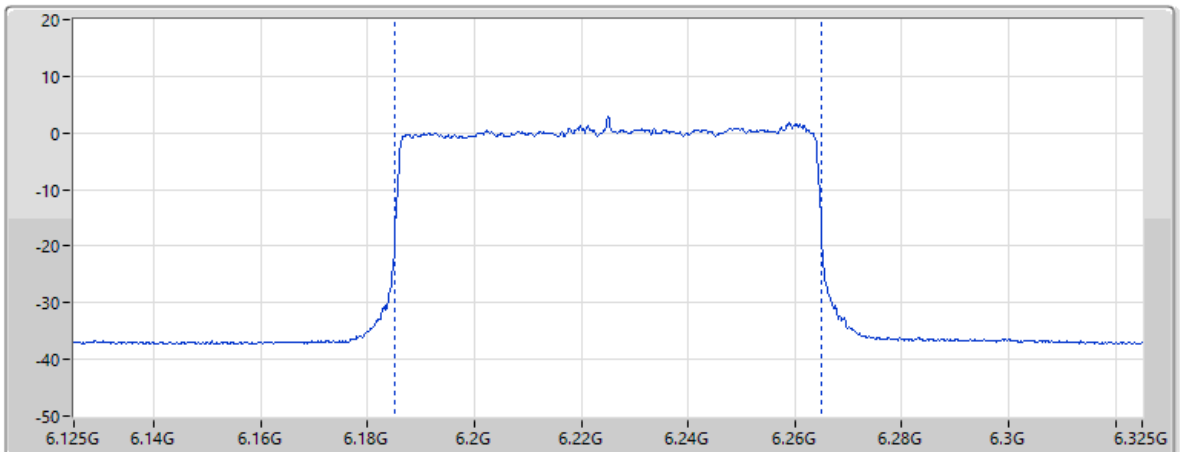
Page 9

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
20.61				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-1.49	10.53	7.49	32.44	57.58

11/02/2025

EIRP:Band:6.2G;ax80;BWch:80MHz;Nss:1,(M0);Nant:8;Ch:6225MHz;TX

CF Freq  
6.225GHz  
Span  
200MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS  
CP BW  
80MHz



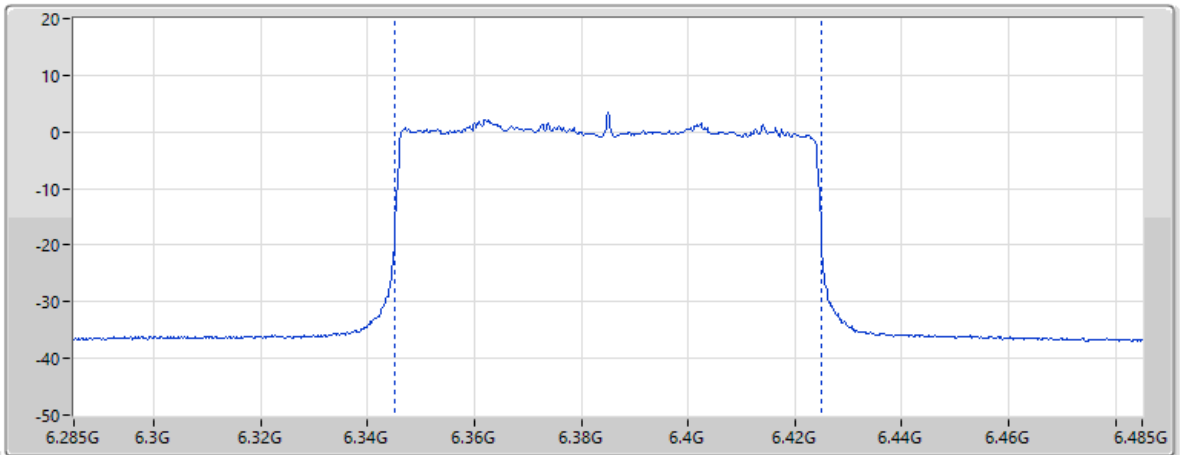
Page 10

EIRP (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
20.24				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-2.10	10.80	7.62	32.41	57.93

11/02/2025

EIRP;Band:6.2G;ax80;BWch:80MHz;Nss:1,(M0);Nant:8;Ch:6385MHz;TX

CF Freq  
6.385GHz  
Span  
200MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS  
CP BW  
80MHz



Page 10

EIRP (dBm)  
20.29

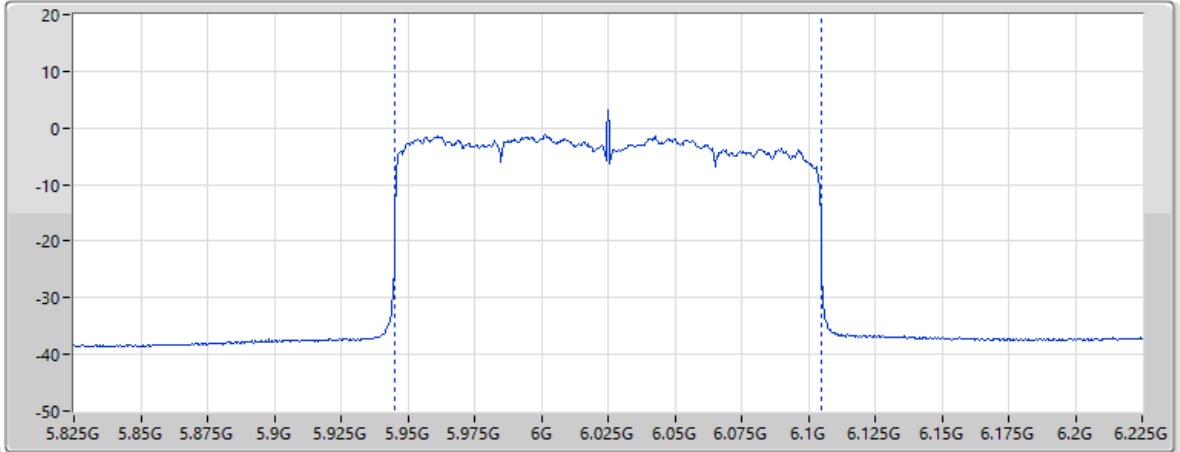
EIRP=Pr+Lp [Lp Free Space Path Loss]  
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-2.51	10.76	7.80	32.39	58.15

11/02/2025

EIRP;Band:6.2G;ax160;BWch:160MHz;Nss:1,(M0);Nant:8;Ch:6025MHz;TX

CF Freq  
6.025GHz  
Span  
400MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS  
CP BW  
160MHz



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EIRP (dBm)  
20.07

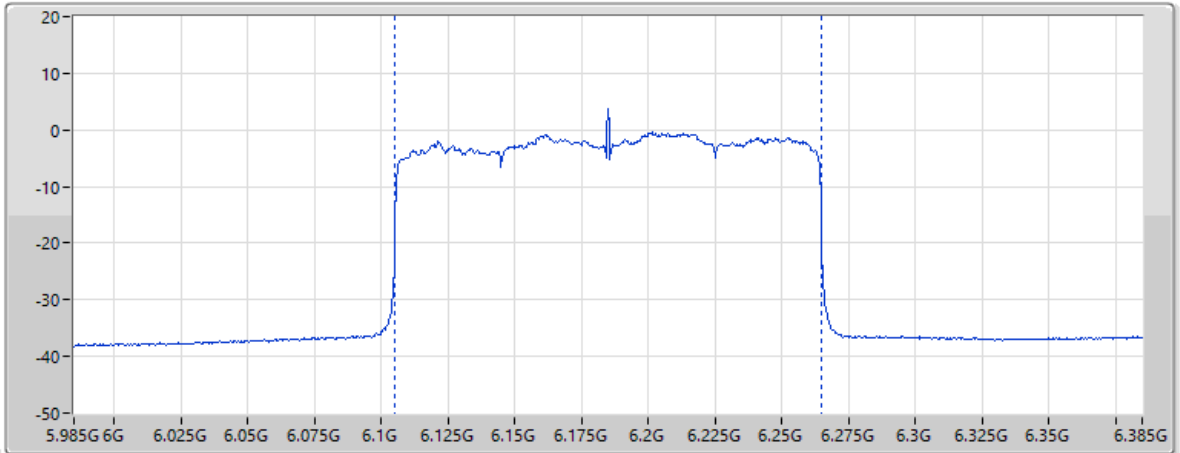
EIRP=Pr+Lp [Lp Free Space Path Loss]  
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-2.14	10.50	7.51	32.44	57.64

11/02/2025

EIRP;Band:6.2G;ax160;BWch:160MHz;Nss:1,(M0);Nant:8;Ch:6185MHz;TX

CF Freq  
6.185GHz  
Span  
400MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS  
CP BW  
160MHz



Page 10

EIRP (dBm)  
20.77

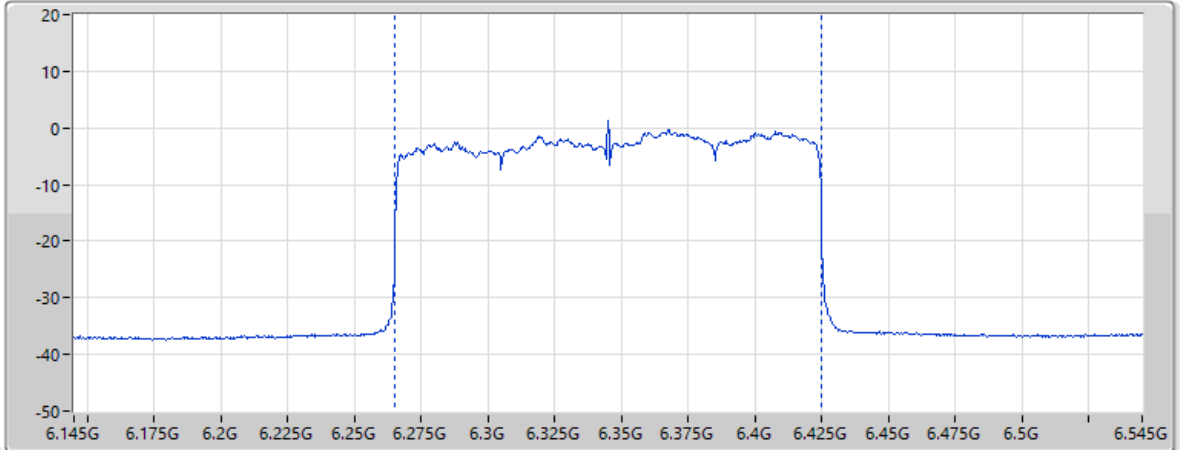
EIRP=Pr+Lp [Lp Free Space Path Loss]  
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-1.56	10.70	7.58	32.42	57.87

11/02/2025

EIRP;Band:6.2G;ax160;BWch:160MHz;Nss:1,(M0);Nant:8;Ch:6345MHz;TX

CF Freq  
6.345GHz  
Span  
400MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
1.01ms  
Detector Type  
RMS  
CP BW  
160MHz



Page 9

EIRP (dBm)  
20.5

EIRP=Pr+Lp [Lp Free Space Path Loss]  
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-2.05	10.90	7.76	32.40	58.09



**Summary**

Mode	EIRP PD (dBm/RBW)
5.925-6.425GHz	-
802.11ax HEW20_Nss1,(MCS0)_8TX	19.90
802.11ax HEW40_Nss1,(MCS0)_8TX	18.96
802.11ax HEW80_Nss1,(MCS0)_8TX	16.60
802.11ax HEW160_Nss1,(MCS0)_8TX	16.34

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

**Result**

Mode	Result	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ax HEW20_Nss1,(MCS0)_8TX	-	-	-
5955MHz	Pass	18.32	23.00
6195MHz	Pass	18.78	23.00
6415MHz	Pass	19.90	23.00
802.11ax HEW40_Nss1,(MCS0)_8TX	-	-	-
5965MHz	Pass	16.02	23.00
6205MHz	Pass	17.21	23.00
6405MHz	Pass	18.96	23.00
802.11ax HEW80_Nss1,(MCS0)_8TX	-	-	-
5985MHz	Pass	14.75	23.00
6225MHz	Pass	16.20	23.00
6385MHz	Pass	16.60	23.00
802.11ax HEW160_Nss1,(MCS0)_8TX	-	-	-
6025MHz	Pass	14.66	23.00
6185MHz	Pass	15.97	23.00
6345MHz	Pass	16.34	23.00

DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;  
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;  
 Inf = There's no restriction for the limit.

14/02/2025

EIRP PSD;Band:6.2G;ax20;BWch:20MHz;Nss:1,(M0);Nant:8;Ch:5955MHz;TX

CF Freq  
5.955GHz

Span  
30MHz

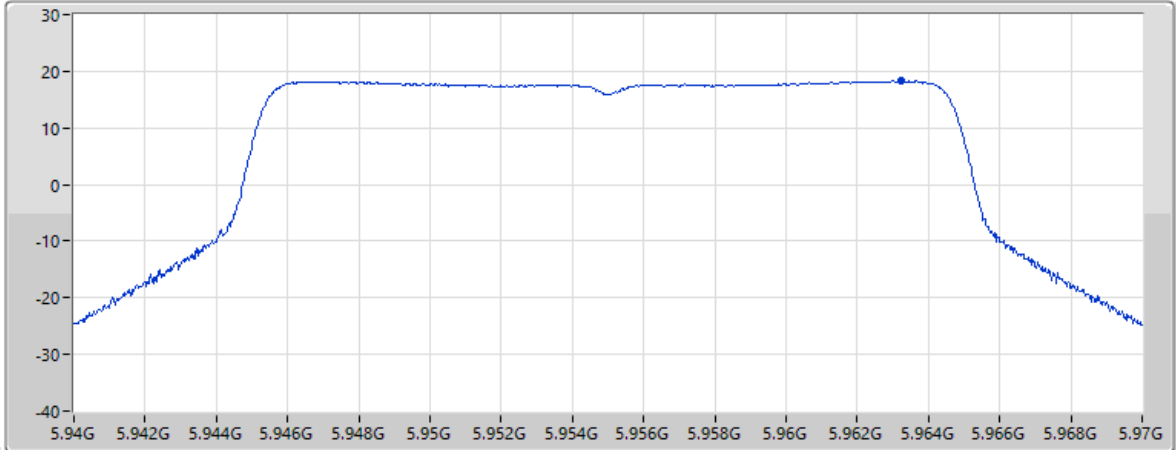
RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS

CP BW  
20MHz



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EIRP PSD (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
18.32				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-0.54	11.63	8.13	35.19	57.55

14/02/2025

EIRP PSD;Band:6.2G;ax20;BWch:20MHz;Nss:1,(M0);Nant:8;Ch:6195MHz;TX

CF Freq  
6.195GHz

Span  
30MHz

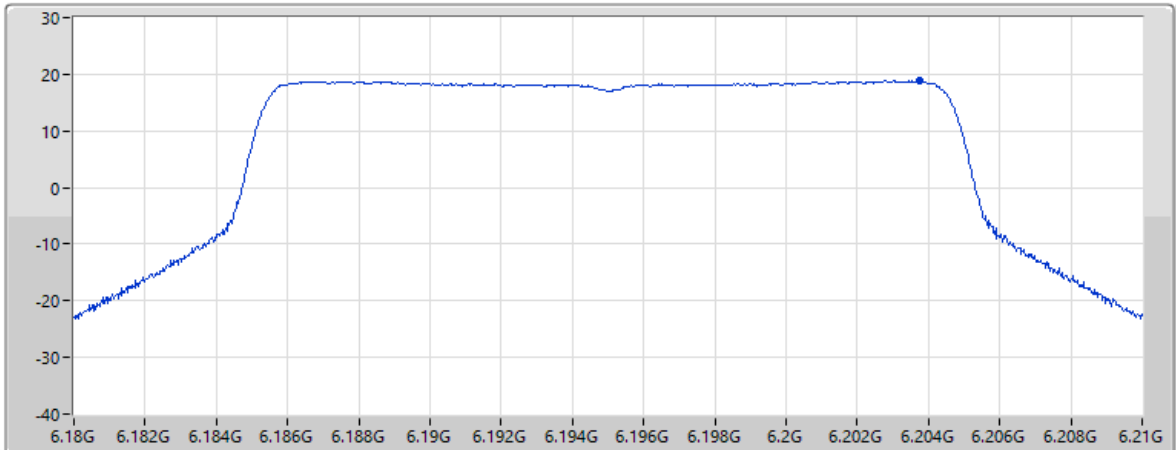
RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS

CP BW  
20MHz



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EIRP PSD (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
18.78				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-0.60	11.80	8.48	35.20	57.90



14/02/2025

EIRP PSD;Band:6.2G;ax20;BWch:20MHz;Nss:1,(M0);Nant:8;Ch:6415MHz;TX

CF Freq  
6.415GHz

Span  
30MHz

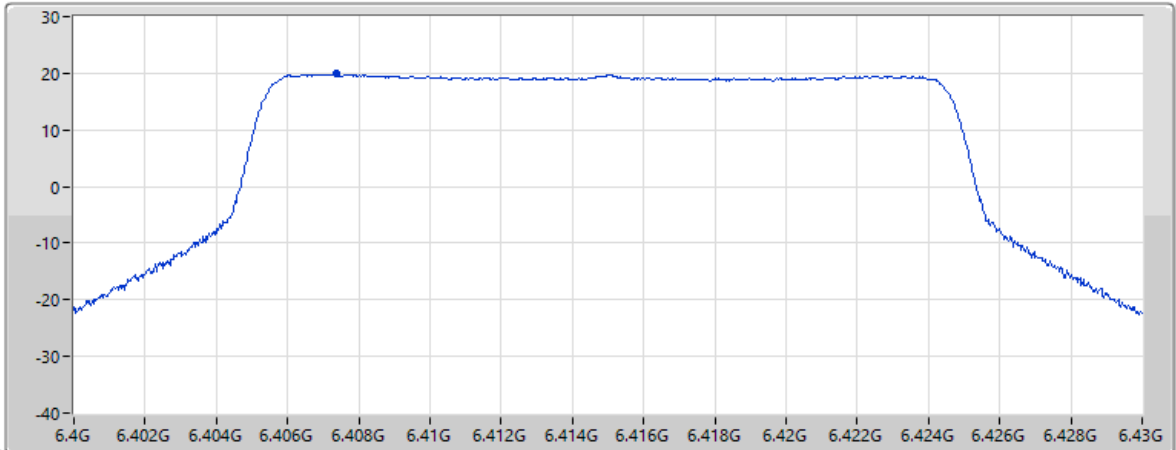
RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS

CP BW  
20MHz



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EIRP PSD (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
19.9				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-0.28	11.57	8.78	35.21	58.18

14/02/2025

EIRP PSD;Band:6.2G;ax40;BWch:40MHz;Nss:1,(M0);Nant:8;Ch:5965MHz;TX

CF Freq  
5.965GHz

Span  
60MHz

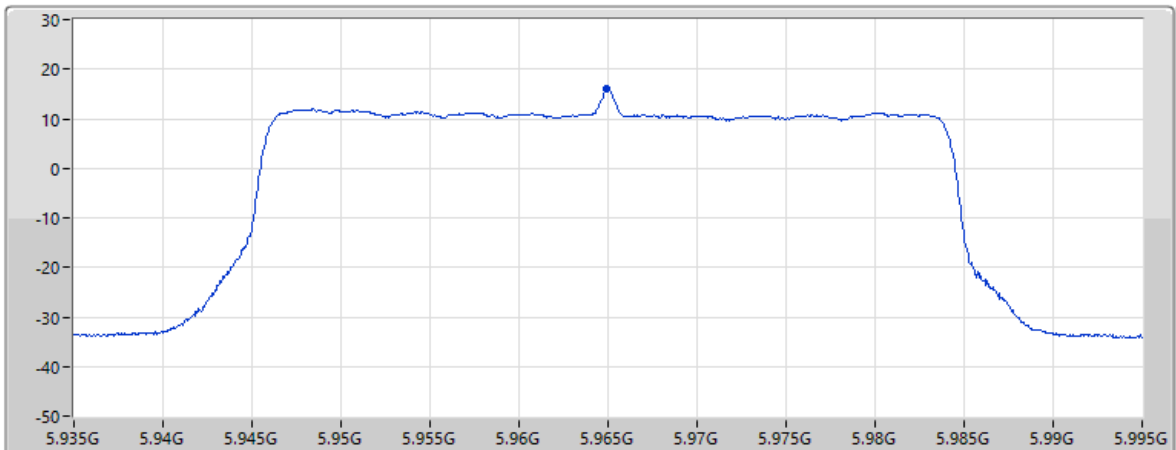
RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS

CP BW  
40MHz



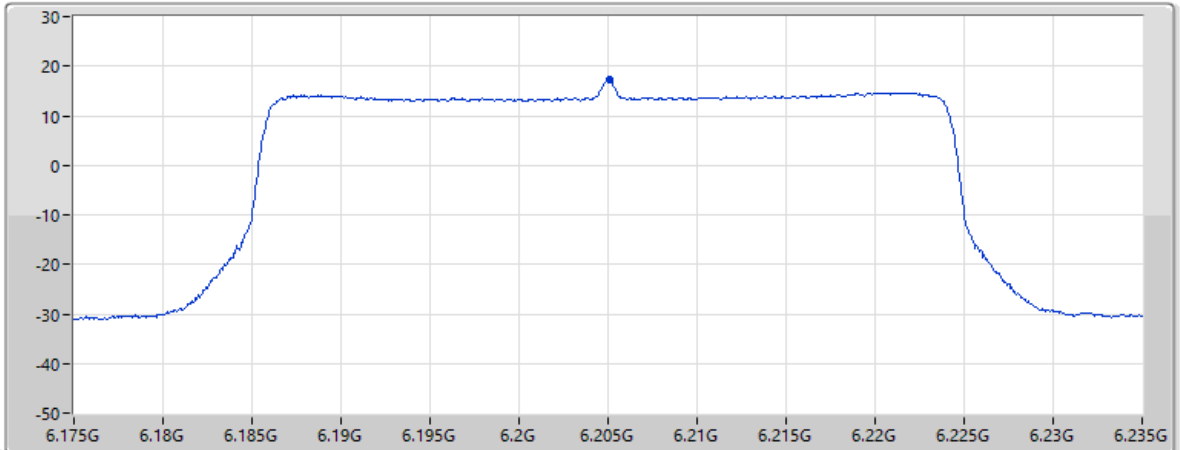
Page 8

EIRP PSD (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
16.02				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-2.84	11.63	8.13	35.19	57.55

14/02/2025

EIRP PSD;Band:6.2G;ax40;BWch:40MHz;Nss:1,(M0);Nant:8;Ch:6205MHz;TX

CF Freq  
6.205GHz  
Span  
60MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS  
CP BW  
40MHz



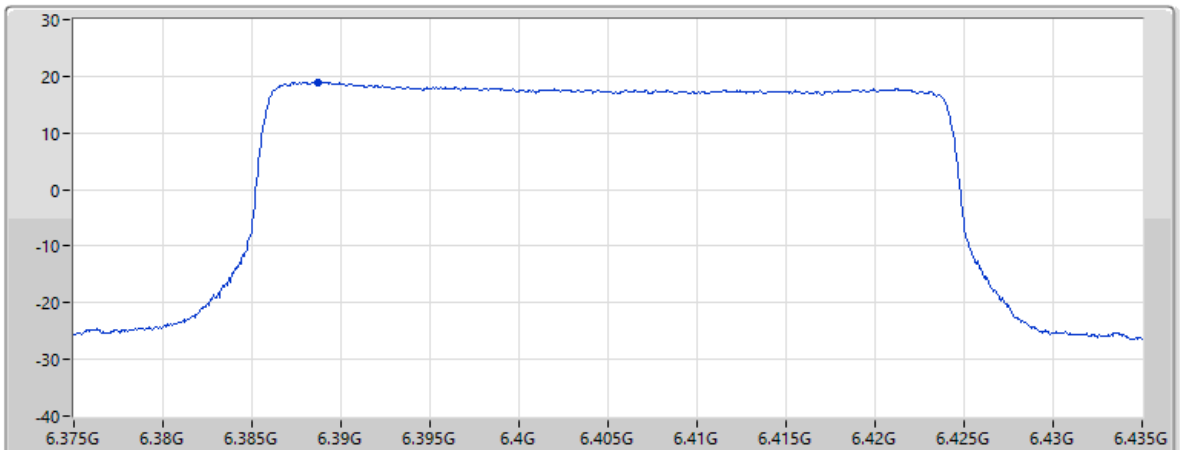
Page 8

EIRP PSD (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
17.21				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-2.17	11.80	8.48	35.20	57.90

14/02/2025

EIRP PSD;Band:6.2G;ax40;BWch:40MHz;Nss:1,(M0);Nant:8;Ch:6405MHz;TX

CF Freq  
6.405GHz  
Span  
60MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS  
CP BW  
40MHz



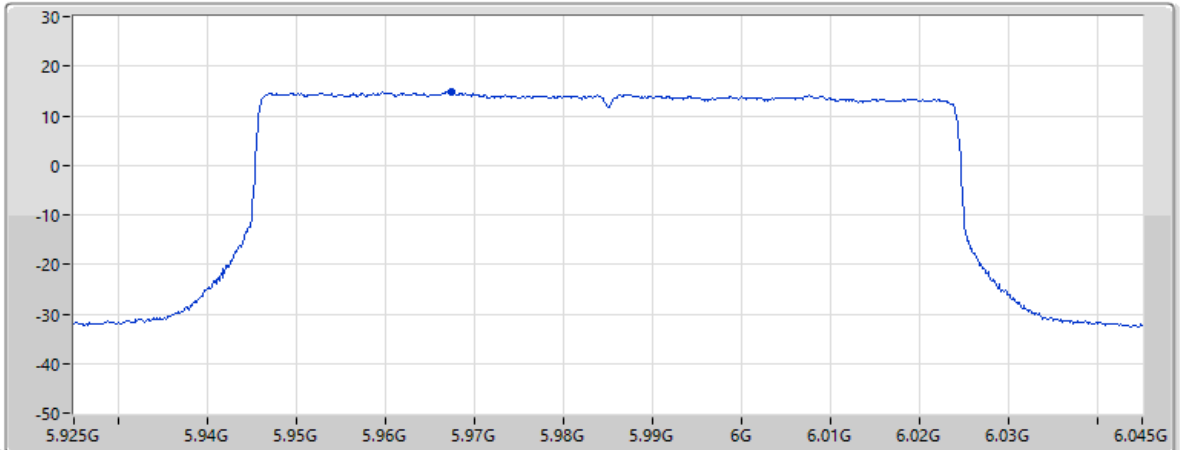
Page 8

EIRP PSD (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
18.96				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-1.11	11.62	8.75	35.21	58.15

14/02/2025

EIRP PSD;Band:6.2G;ax80;BWch:80MHz;Nss:1,(M0);Nant:8;Ch:5985MHz;TX

CF Freq  
5.985GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS  
CP BW  
80MHz



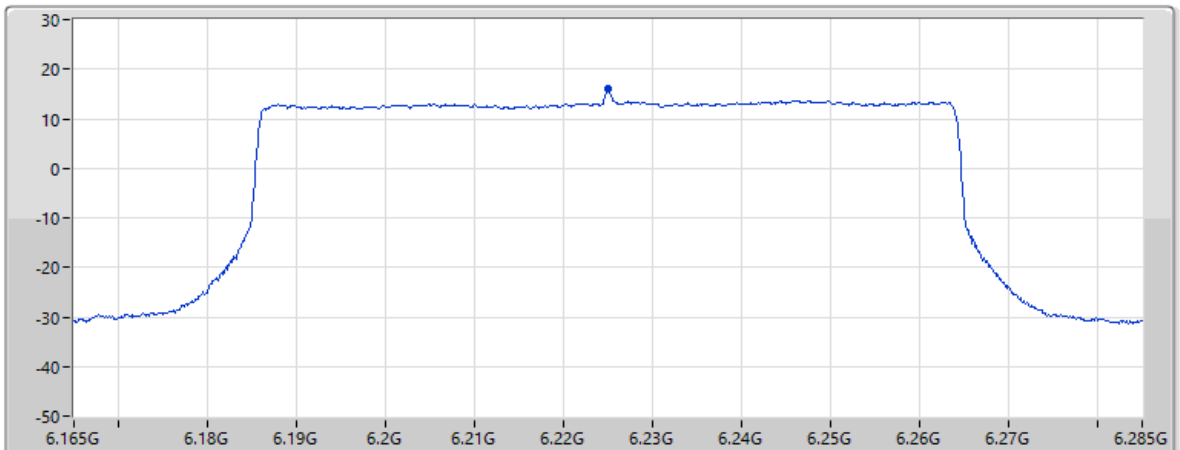
Page 8

EIRP PSD (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
14.75				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-4.13	11.63	8.14	35.19	57.56

14/02/2025

EIRP PSD;Band:6.2G;ax80;BWch:80MHz;Nss:1,(M0);Nant:8;Ch:6225MHz;TX

CF Freq  
6.225GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS  
CP BW  
80MHz



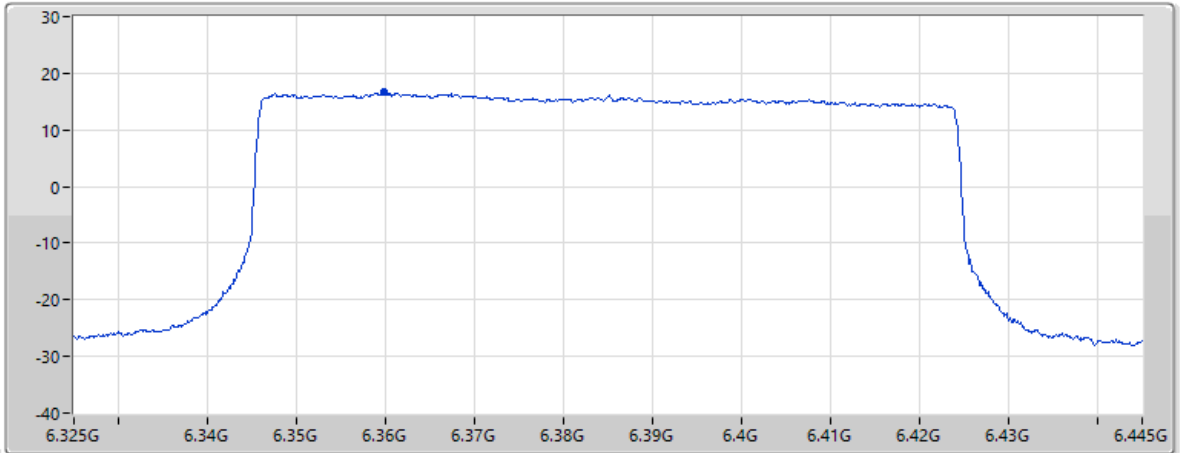
Page 8

EIRP PSD (dBm)		EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
16.2				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-3.24	11.80	8.51	35.20	57.93

14/02/2025

EIRP PSD;Band:6.2G;ax80;BWch:80MHz;Nss:1,(M0);Nant:8;Ch:6385MHz;TX

CF Freq  
6.385GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS  
CP BW  
80MHz



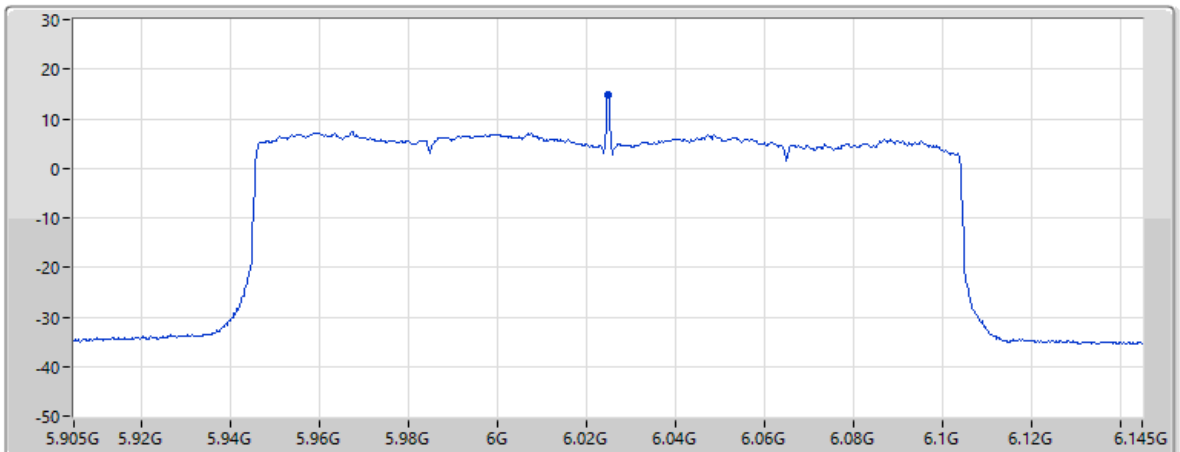
Page 8

EIRP PSD (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
16.6				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-3.33	11.68	8.71	35.21	58.11

14/02/2025

EIRP PSD;Band:6.2G;ax160;BWch:160MHz;Nss:1,(M0);Nant:8;Ch:6025MHz;TX

CF Freq  
6.025GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS  
CP BW  
160MHz



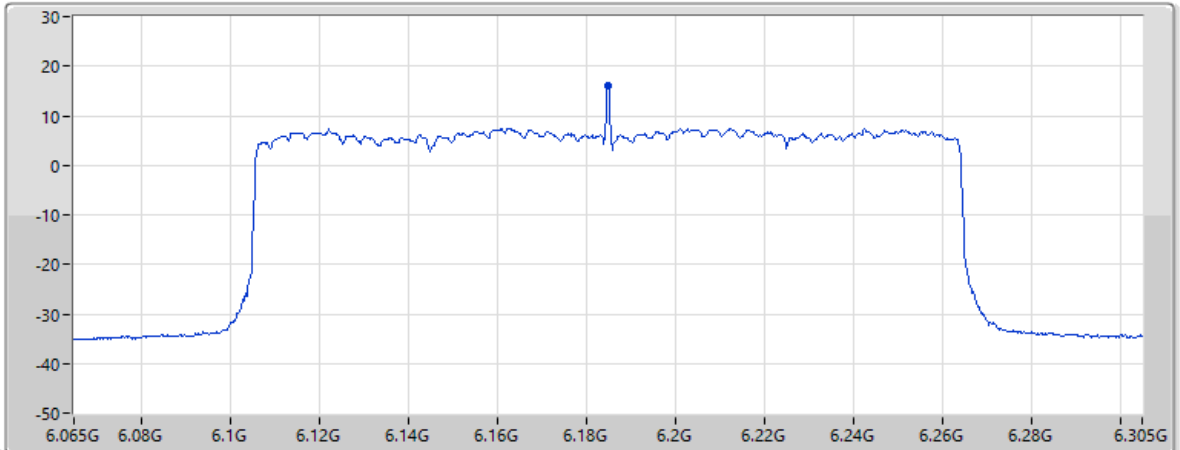
Page 8

EIRP PSD (dBm)	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp			
14.66				
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-4.30	11.70	8.21	35.19	57.64

14/02/2025

EIRP PSD;Band:6.2G;ax160;BWch:160MHz;Nss:1,(M0);Nant:8;Ch:6185MHz;TX

CF Freq  
6.185GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS  
CP BW  
160MHz



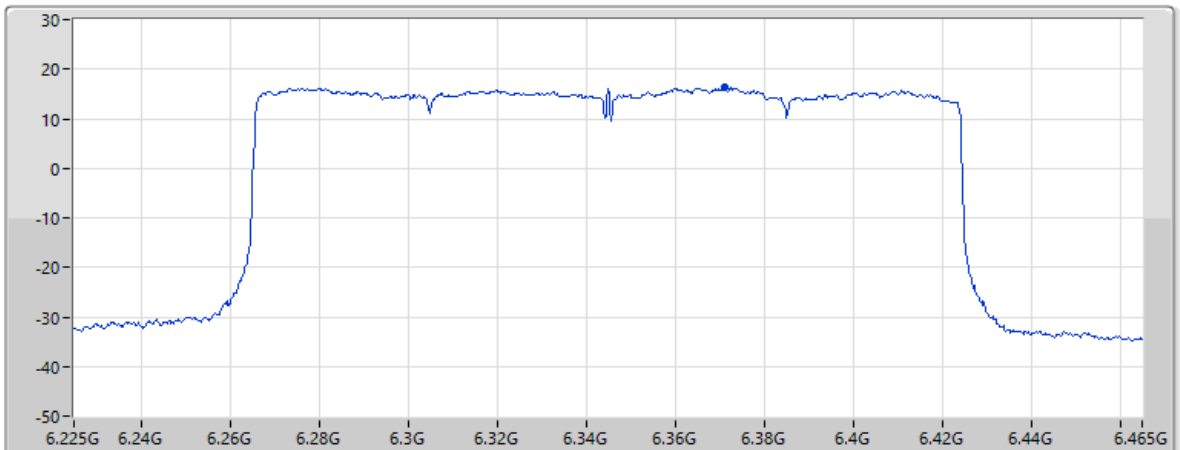
Page 8

EIRP PSD (dBm)	15.97	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-3.35	11.80	8.45	35.20	57.87

14/02/2025

EIRP PSD;Band:6.2G;ax160;BWch:160MHz;Nss:1,(M0);Nant:8;Ch:6345MHz;TX

CF Freq  
6.345GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS  
CP BW  
160MHz



Page 8

EIRP PSD (dBm)	16.34	EIRP=Pr+Lp [Lp Free Space Path Loss] Pr=Pmeas-Gr+Lc-Gamp		
Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
-3.65	11.66	8.73	35.21	58.13



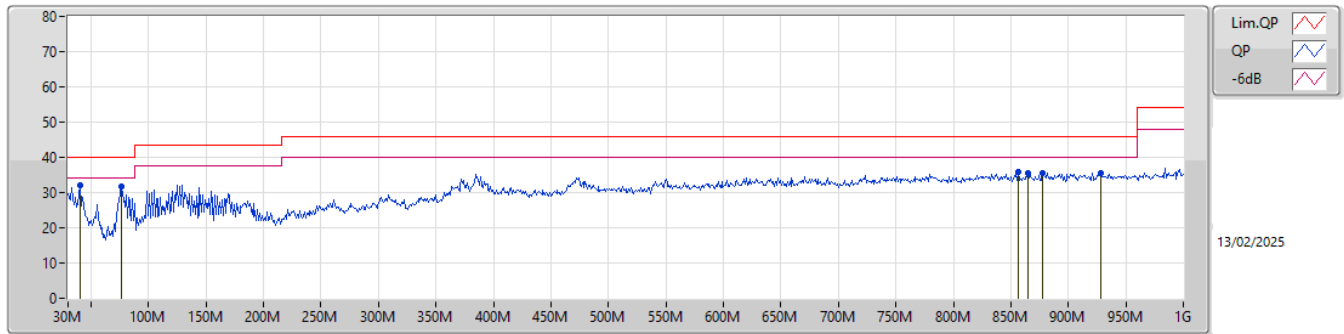
## ***Radiated Emissions below 1GHz***

## ***Appendix E.1***

### **Summary**

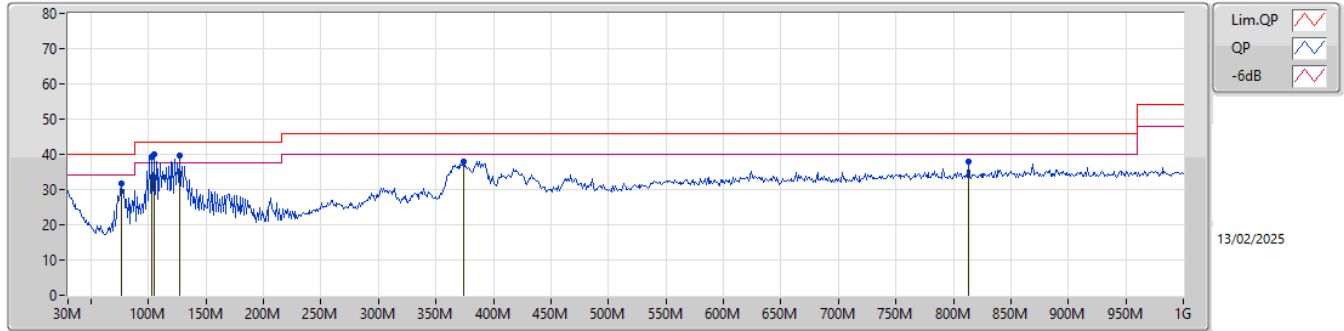
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 2	Pass	PK	104.69M	40.14	43.50	-3.36	Horizontal

### Mode 2



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
PK	40.67M	31.92	40.00	-8.08	-24.69	3	Vertical	164	3.00	"Worst"	56.61	18.46	1.20	44.35		
PK	76.56M	31.57	40.00	-8.43	-29.94	3	Vertical	159	3.00	-	61.51	12.82	1.72	44.48		
PK	856.44M	35.69	46.00	-10.31	-10.88	3	Vertical	282	3.00	-	46.57	26.22	6.27	43.37		
PK	865.17M	35.50	46.00	-10.50	-10.63	3	Vertical	110	3.00	-	46.13	26.44	6.31	43.38		
PK	877.78M	35.48	46.00	-10.52	-10.56	3	Vertical	331	3.00	-	46.04	26.45	6.37	43.38		
PK	928.22M	35.38	46.00	-10.62	-10.40	3	Vertical	360	3.00	-	45.78	26.48	6.54	43.42		

### Mode 2



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
PK	76.56M	31.83	40.00	-8.17	-29.94	3	Horizontal	226	3.00	-	61.77	12.82	1.72	44.48		
PK	102.75M	39.31	43.50	-4.19	-25.12	3	Horizontal	34	3.00	-	64.43	17.30	2.07	44.49		
PK	104.69M	40.14	43.50	-3.36	-24.97	3	Horizontal	48	3.00	"Worst"	65.11	17.43	2.09	44.49		
PK	127M	39.75	43.50	-3.75	-23.98	3	Horizontal	40	3.00	-	63.73	18.12	2.37	44.47		
PK	374.35M	38.00	46.00	-8.00	-18.93	3	Horizontal	16	3.00	-	56.93	20.80	4.29	44.02		
PK	812.79M	37.83	46.00	-8.17	-11.56	3	Horizontal	126	3.00	-	49.39	25.74	6.06	43.36		



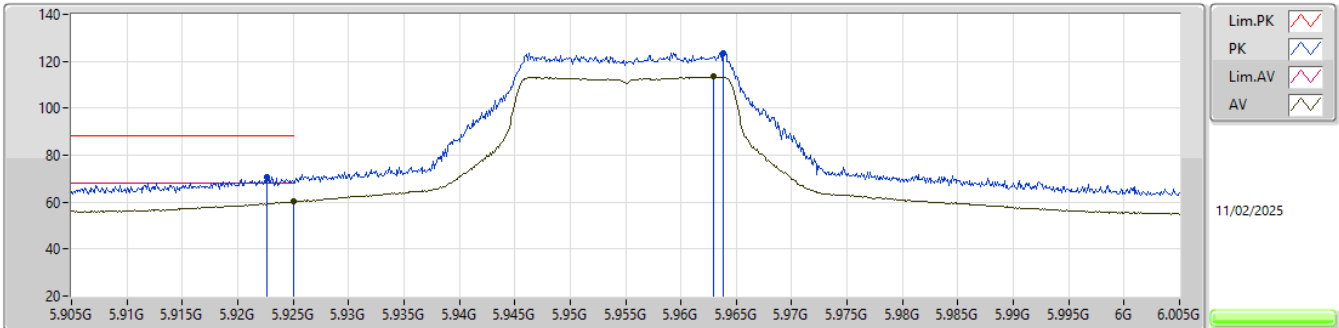


**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.925-6.425GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_8TX	Pass	AV	11.90794G	53.39	54.00	-0.61	3	Horizontal	316	1.80	-

5.925-6.425GHz\_802.11ax HEW20\_Nss1,(MCS0)\_8TX

5955MHz\_TX

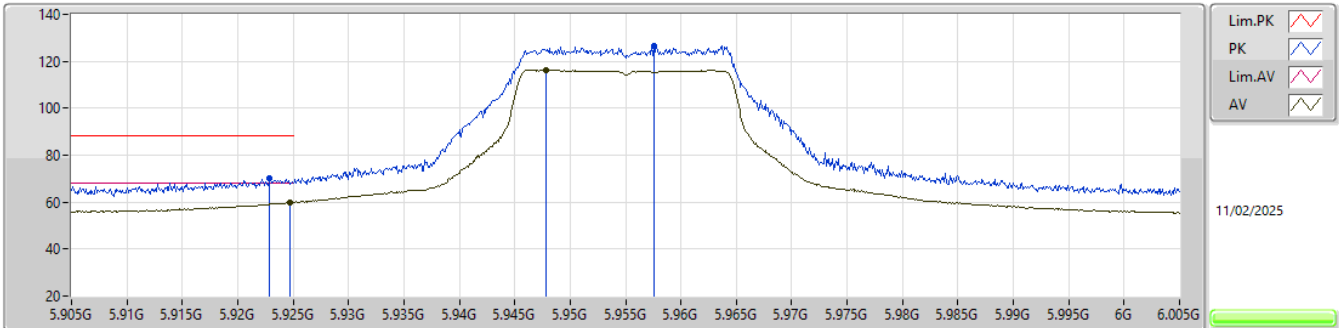


EUT Y\_8TX  
Setting 12  
01-C-J-10-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.9226G	70.84	88.20	-17.36	60.90	3	Vertical	14	1.80	-	34.94	7.44	32.44			
RMS	5.925G	60.24	68.20	-7.96	50.29	3	Vertical	14	1.80	-	34.95	7.44	32.44			
PK	5.9638G	123.63	Inf	-Inf	113.44	3	Vertical	14	1.80	-	35.16	7.47	32.44			
RMS	5.9629G	113.39	Inf	-Inf	103.21	3	Vertical	14	1.80	-	35.15	7.47	32.44			

5.925-6.425GHz\_802.11ax HEW20\_Nss1,(MCS0)\_8TX

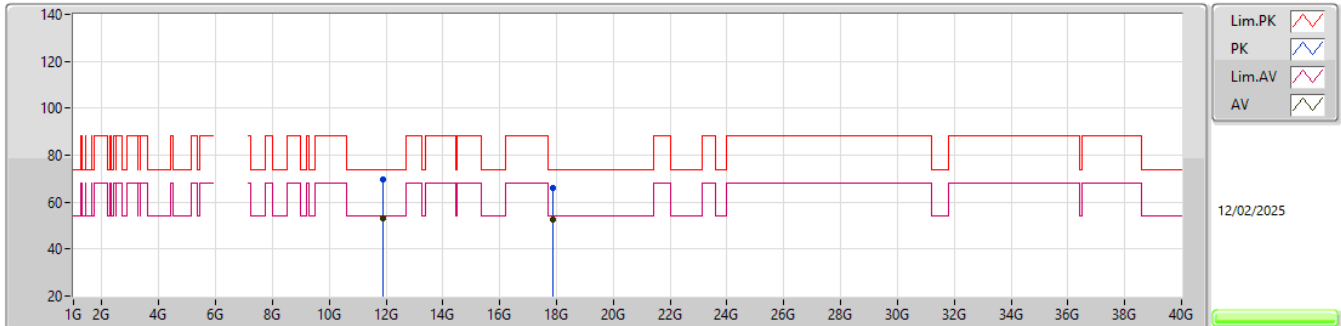
5955MHz\_TX

EUT Y\_8TX  
Setting 12  
01-C-J-10-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.9229G	70.42	88.20	-17.78	60.48	3	Horizontal	26	1.80	-	34.94	7.44	32.44
RMS	5.9247G	59.88	68.20	-8.32	49.93	3	Horizontal	26	1.80	-	34.95	7.44	32.44
PK	5.9576G	126.54	Inf	-Inf	116.38	3	Horizontal	26	1.80	-	35.13	7.47	32.44
RMS	5.9478G	116.31	Inf	-Inf	106.20	3	Horizontal	26	1.80	-	35.09	7.46	32.44

5.925-6.425GHz\_802.11ax HEW20\_Nss1,(MCS0)\_8TX

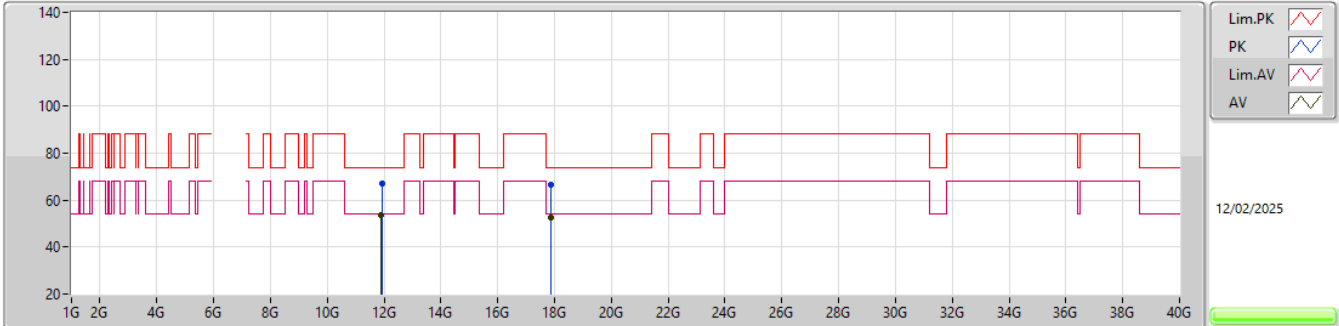
5955MHz\_TX

EUT\_Y\_8TX  
Setting 12  
01-C-J-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	11.91166G	69.61	74.00	-4.39	51.32	3	Vertical	341	2.57	-	38.78	12.27	32.76				
AV	11.91024G	53.13	54.00	-0.87	34.84	3	Vertical	341	2.57	-	38.78	12.27	32.76				
PK	17.86918G	66.16	74.00	-7.84	42.25	3	Vertical	282	1.80	-	41.18	14.19	31.46				
AV	17.86016G	52.42	54.00	-1.58	28.56	3	Vertical	282	1.80	-	41.14	14.19	31.47				

5.925-6.425GHz\_802.11ax HEW20\_Nss1,(MCS0)\_8TX

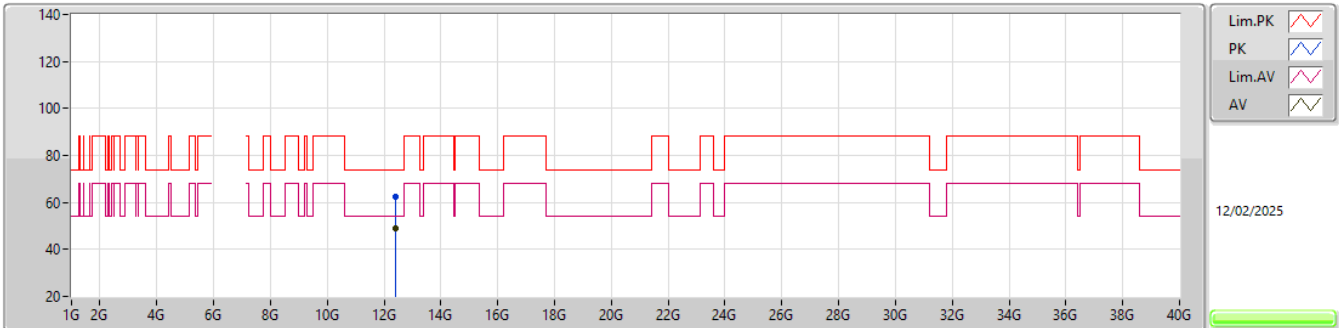
5955MHz\_TX

EUT\_Y\_8TX  
Setting 12  
01-C-J-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	11.91632G	67.15	74.00	-6.85	48.87	3	Horizontal	316	1.80	-	38.77	12.27	32.76				
AV	11.90794G	53.39	54.00	-0.61	35.10	3	Horizontal	316	1.80	-	38.78	12.27	32.76				
PK	17.86418G	66.53	74.00	-7.47	42.65	3	Horizontal	360	1.80	-	41.16	14.19	31.47				
AV	17.855G	52.62	54.00	-1.38	28.79	3	Horizontal	360	1.80	-	41.12	14.19	31.48				

5.925-6.425GHz\_802.11ax HEW20\_Nss1,(MCS0)\_8TX

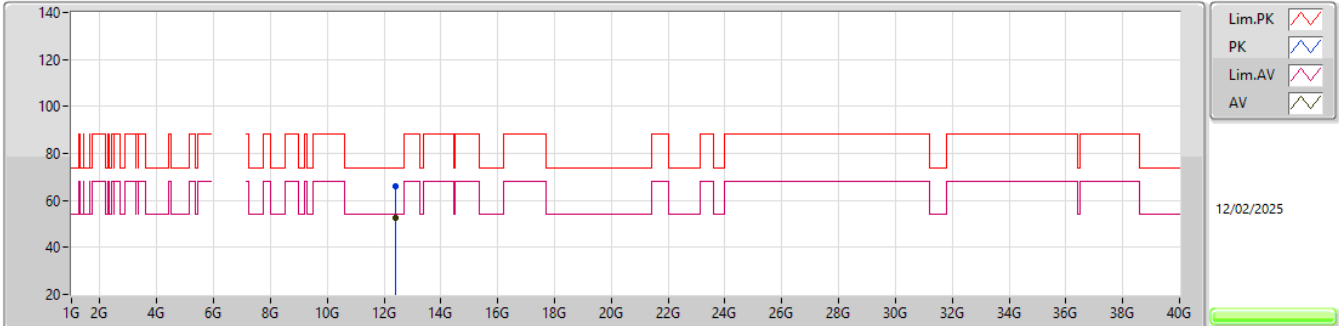
6195MHz\_TX

EUT\_Y\_8TX  
Setting 12  
01-C-J-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	12.39152G	62.67	74.00	-11.33	43.76	3	Vertical	316	1.80	-	38.58	12.57	32.24			
AV	12.38892G	49.03	54.00	-4.97	30.12	3	Vertical	316	1.80	-	38.58	12.57	32.24			

5.925-6.425GHz\_802.11ax HEW20\_Nss1,(MCS0)\_8TX

6195MHz\_TX

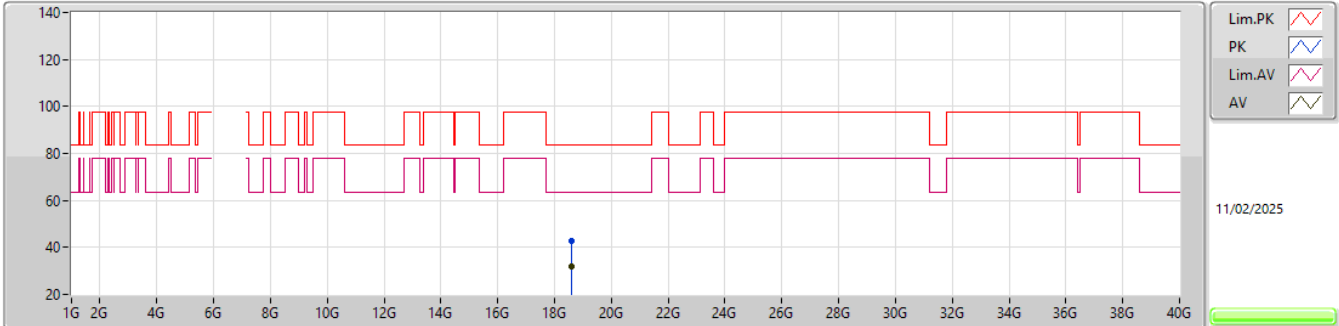


EUT Y\_8TX  
Setting 12  
01-C-J-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	12.39236G	66.22	74.00	-7.78	47.31	3	Horizontal	32	1.80	-	38.58	12.57	32.24			
AV	12.38838G	52.69	54.00	-1.31	33.78	3	Horizontal	32	1.80	-	38.58	12.57	32.24			

5.925-6.425GHz\_802.11ax HEW20\_Nss1,(MCS0)\_8TX

6195MHz\_TX

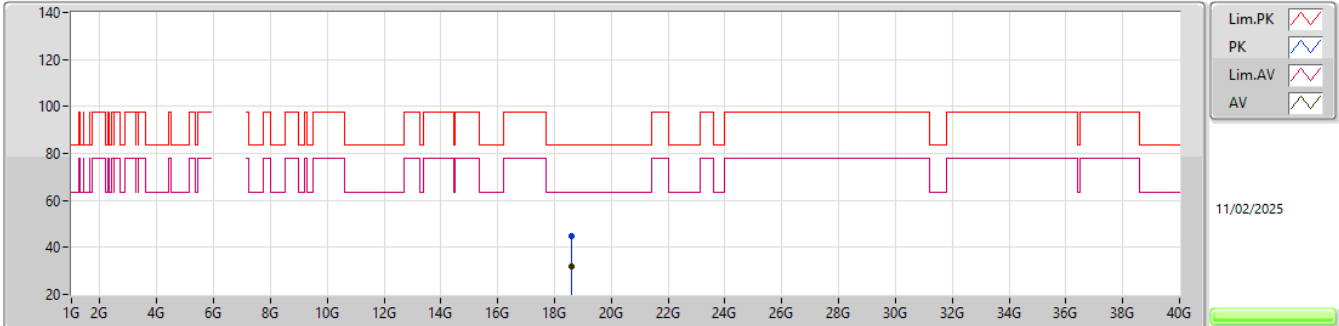
EUT Y\_8TX  
Setting 12  
03-P-J-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	18.5899G	43.00	74.00	-31.00	38.34	1	Vertical	45	2.99	-	37.80	15.25	48.39			
AV	18.58428G	32.13	54.00	-21.87	27.46	1	Vertical	45	2.99	-	37.80	15.25	48.38			



5.925-6.425GHz\_802.11ax HEW20\_Nss1,(MCS0)\_8TX

6195MHz\_TX

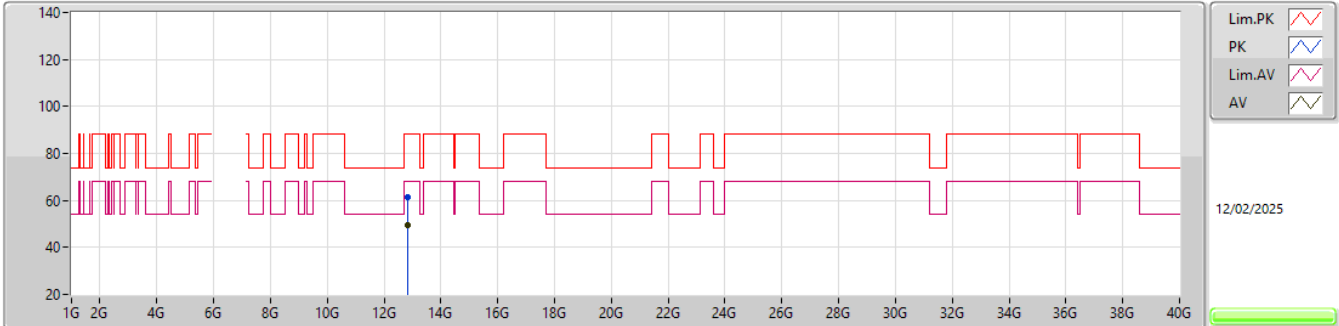


EUT Y\_8TX  
Setting 12  
03-P-J-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	18.58294G	44.70	74.00	-29.30	40.02	1	Horizontal	160	2.15	-	37.80	15.26	48.38			
AV	18.58796G	31.93	54.00	-22.07	27.27	1	Horizontal	160	2.15	-	37.80	15.25	48.39			

5.925-6.425GHz\_802.11ax HEW20\_Nss1,(MCS0)\_8TX

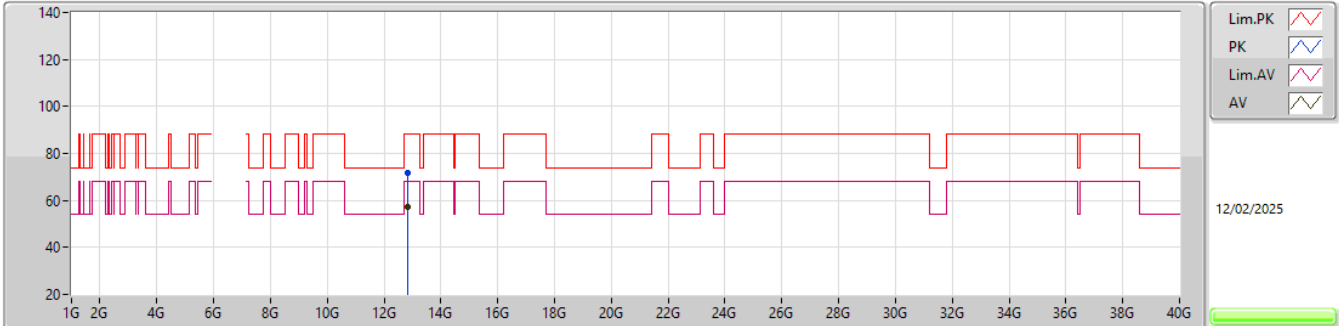
6415MHz\_TX

EUT\_Y\_8TX  
Setting 12  
01-C-J-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	12.82928G	61.51	88.20	-26.69	41.13	3	Vertical	38	1.80	-	39.32	12.81	31.75			
RMS	12.83006G	49.41	68.20	-18.79	29.03	3	Vertical	38	1.80	-	39.32	12.81	31.75			

5.925-6.425GHz\_802.11ax HEW20\_Nss1,(MCS0)\_8TX

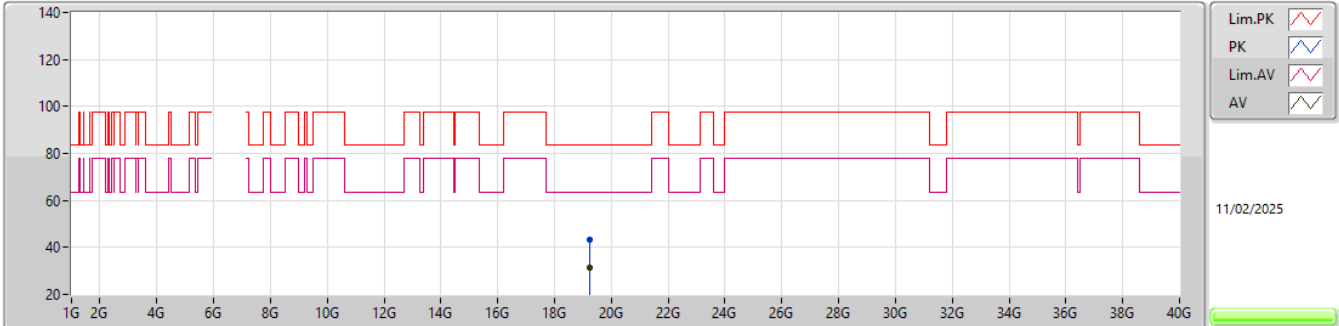
6415MHz\_TX

EUT\_Y\_8TX  
Setting 12  
01-C-J-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	12.827G	71.77	88.20	-16.43	51.40	3	Horizontal	37	1.80	-	39.31	12.81	31.75			
RMS	12.8299G	57.37	68.20	-10.83	36.99	3	Horizontal	37	1.80	-	39.32	12.81	31.75			

5.925-6.425GHz\_802.11ax HEW20\_Nss1,(MCS0)\_8TX

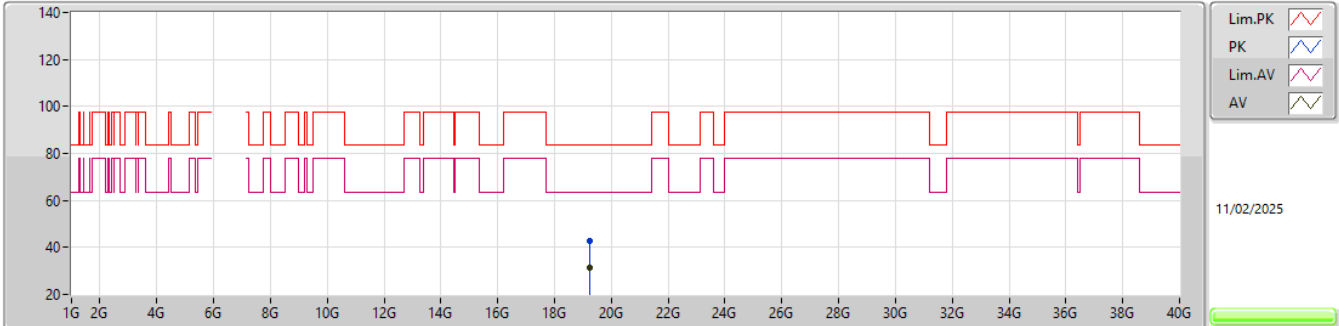
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EUT Y\_8TX  
Setting 12  
03-P-J-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	19.24756G	43.42	74.00	-30.58	39.01	1	Vertical	175	1.93	-	37.99	15.22	48.80			
AV	19.2439G	31.37	54.00	-22.63	26.97	1	Vertical	175	1.93	-	37.98	15.22	48.80			

5.925-6.425GHz\_802.11ax HEW20\_Nss1,(MCS0)\_8TX

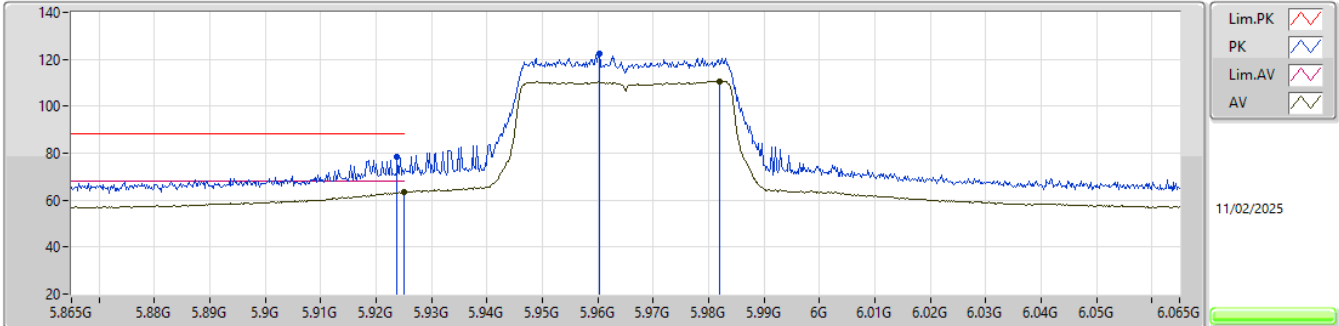
6415MHz\_TX

EUT Y\_8TX  
Setting 12  
03-P-J-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	19.24532G	42.91	74.00	-31.09	38.51	1	Horizontal	280	1.80	-	37.98	15.22	48.80			
AV	19.2489G	31.41	54.00	-22.59	26.99	1	Horizontal	280	1.80	-	38.00	15.22	48.80			

5.925-6.425GHz\_802.11ax HEW40\_Nss1,(MCS0)\_8TX

5965MHz\_TX

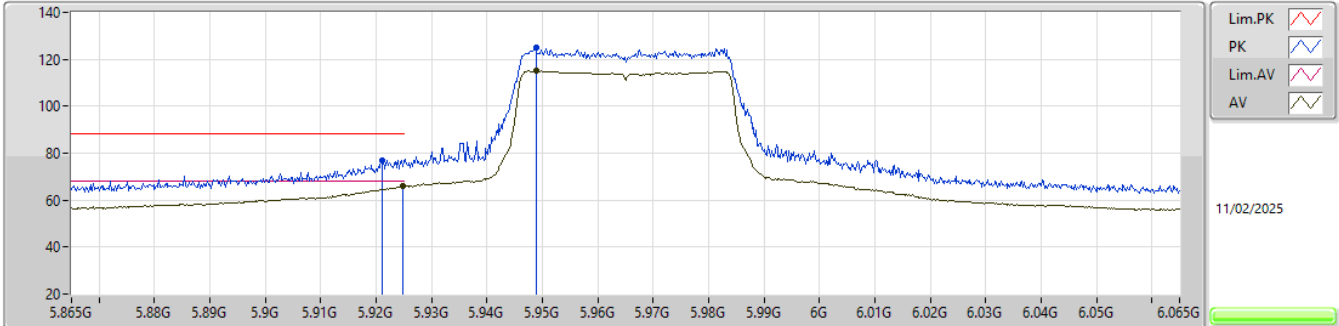


EUT Y\_8TX  
Setting 11  
01-C-J-10-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.9238G	78.69	88.20	-9.51	68.75	3	Vertical	359	1.80	-	34.94	7.44	32.44			
RMS	5.925G	63.46	68.20	-4.74	53.51	3	Vertical	359	1.80	-	34.95	7.44	32.44			
PK	5.9602G	122.39	Inf	-Inf	112.22	3	Vertical	359	1.80	-	35.14	7.47	32.44			
RMS	5.982G	110.68	Inf	-Inf	100.40	3	Vertical	359	1.80	-	35.23	7.49	32.44			

5.925-6.425GHz\_802.11ax HEW40\_Nss1,(MCS0)\_8TX

5965MHz\_TX

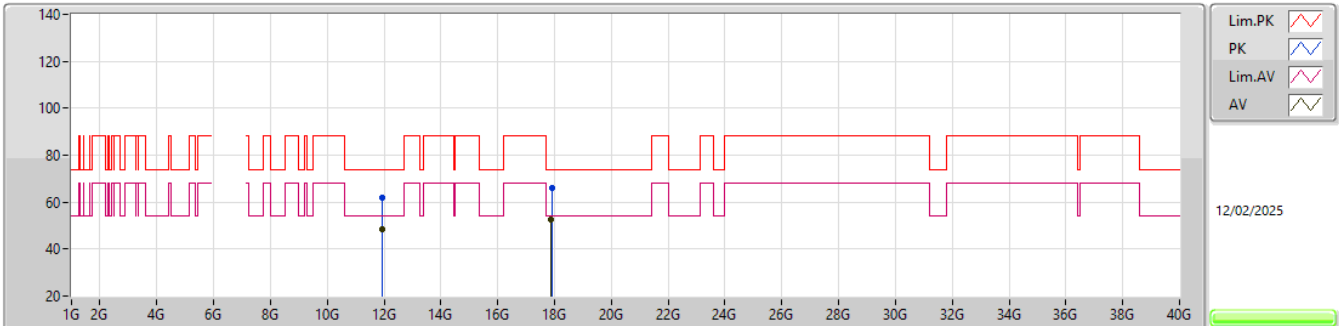


EUT Y\_8TX  
Setting 11  
01-C-J-10-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.921G	77.12	88.20	-11.08	67.19	3	Horizontal	24	1.80	-	34.93	7.44	32.44
RMS	5.9248G	65.99	68.20	-2.21	56.04	3	Horizontal	24	1.80	-	34.95	7.44	32.44
PK	5.9488G	125.13	Inf	-Inf	115.02	3	Horizontal	24	1.80	-	35.09	7.46	32.44
RMS	5.9488G	115.14	Inf	-Inf	105.03	3	Horizontal	24	1.80	-	35.09	7.46	32.44

5.925-6.425GHz\_802.11ax HEW40\_Nss1,(MCS0)\_8TX

5965MHz\_TX

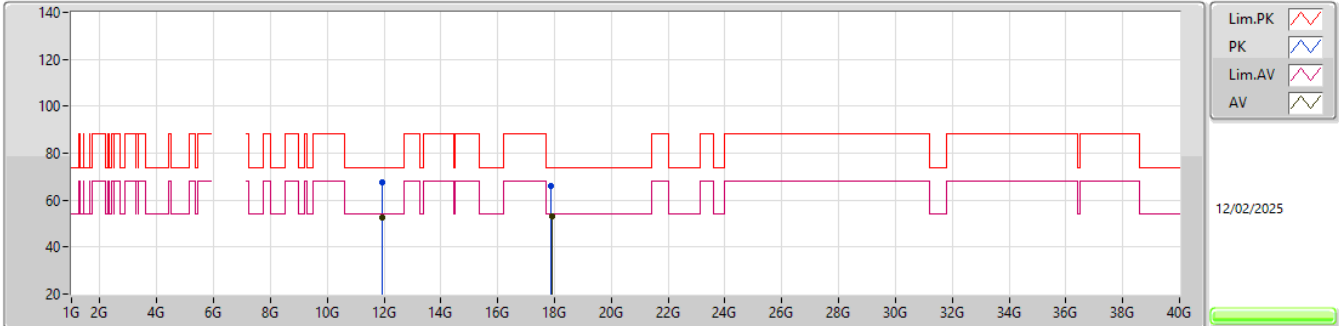
EUT\_Y\_8TX  
Setting 11  
01-C-J-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	11.93074G	61.81	74.00	-12.19	43.55	3	Vertical	311	1.61	-	38.74	12.29	32.77				
AV	11.93032G	48.51	54.00	-5.49	30.25	3	Vertical	311	1.61	-	38.74	12.29	32.77				
PK	17.89698G	65.94	74.00	-8.06	41.89	3	Vertical	219	1.80	-	41.29	14.20	31.44				
AV	17.89116G	52.78	54.00	-1.22	28.77	3	Vertical	219	1.80	-	41.26	14.20	31.45				



5.925-6.425GHz\_802.11ax HEW40\_Nss1,(MCS0)\_8TX

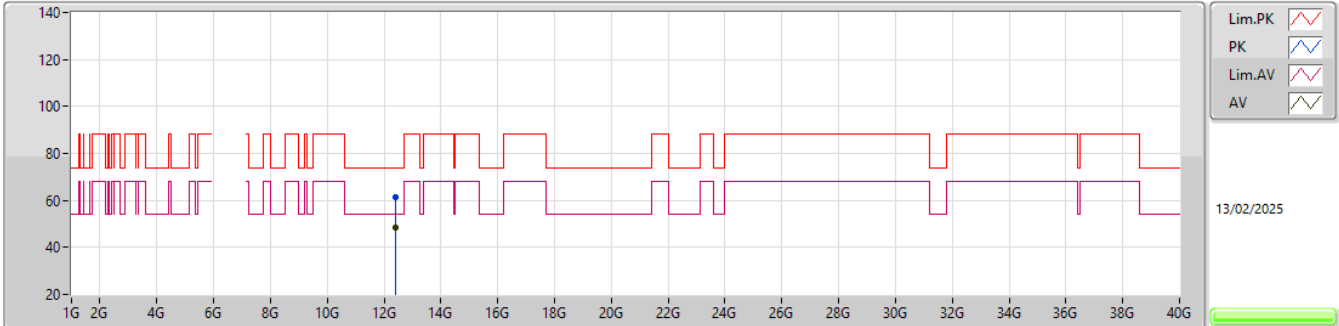
5965MHz\_TX

EUT\_Y\_8TX  
Setting 11  
01-C-J-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.93002G	67.48	74.00	-6.52	49.22	3	Horizontal	318	1.80	-	38.74	12.29	32.77			
AV	11.92982G	52.63	54.00	-1.37	34.37	3	Horizontal	318	1.80	-	38.74	12.29	32.77			
PK	17.88804G	66.26	74.00	-7.74	42.26	3	Horizontal	360	1.80	-	41.25	14.20	31.45			
AV	17.89934G	52.85	54.00	-1.15	28.79	3	Horizontal	360	1.80	-	41.30	14.20	31.44			

5.925-6.425GHz\_802.11ax HEW40\_Nss1,(MCS0)\_8TX

6205MHz\_TX

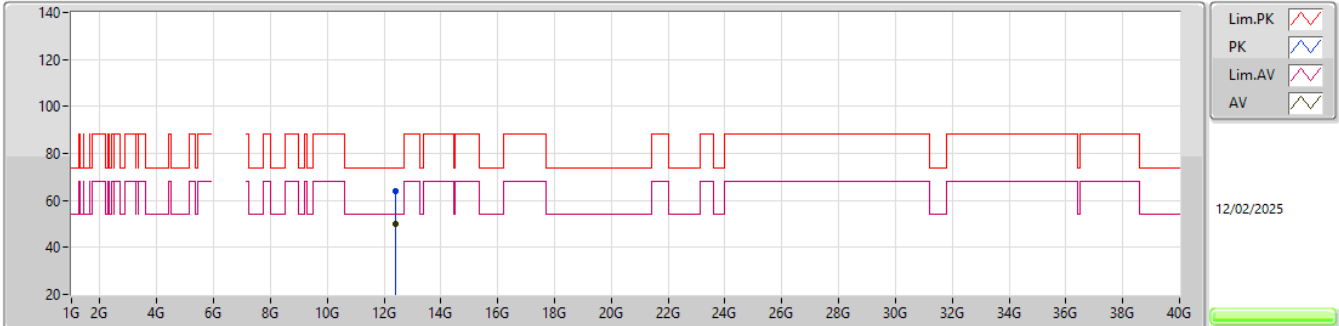


EUT Y\_8TX  
Setting 11  
01-C-J-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	12.40144G	61.47	74.00	-12.53	42.51	3	Vertical	316	1.80	-	38.60	12.58	32.22			
AV	12.41226G	48.24	54.00	-5.76	29.25	3	Vertical	316	1.80	-	38.62	12.58	32.21			

5.925-6.425GHz\_802.11ax HEW40\_Nss1,(MCS0)\_8TX

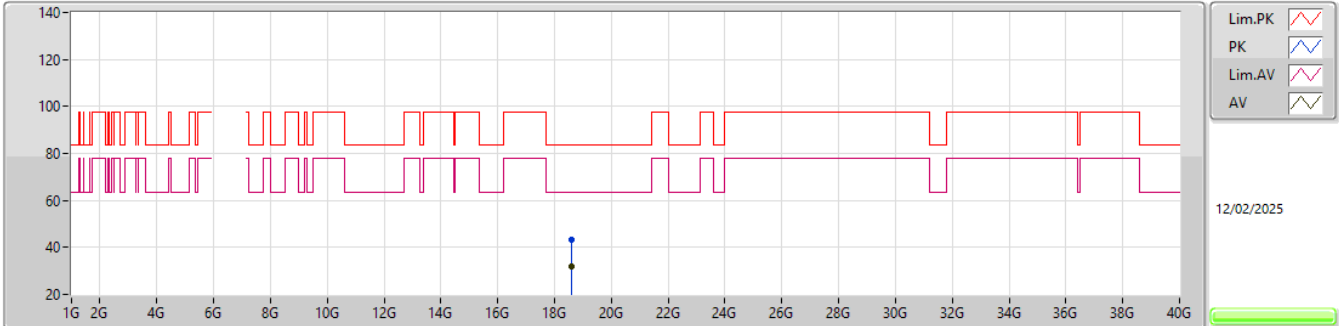
6205MHz\_TX

EUT Y\_8TX  
Setting 11  
01-C-J-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	12.41304G	63.71	74.00	-10.29	44.70	3	Horizontal	310	1.72	-	38.63	12.59	32.21			
AV	12.4097G	50.19	54.00	-3.81	31.20	3	Horizontal	310	1.72	-	38.62	12.58	32.21			

5.925-6.425GHz\_802.11ax HEW40\_Nss1,(MCS0)\_8TX

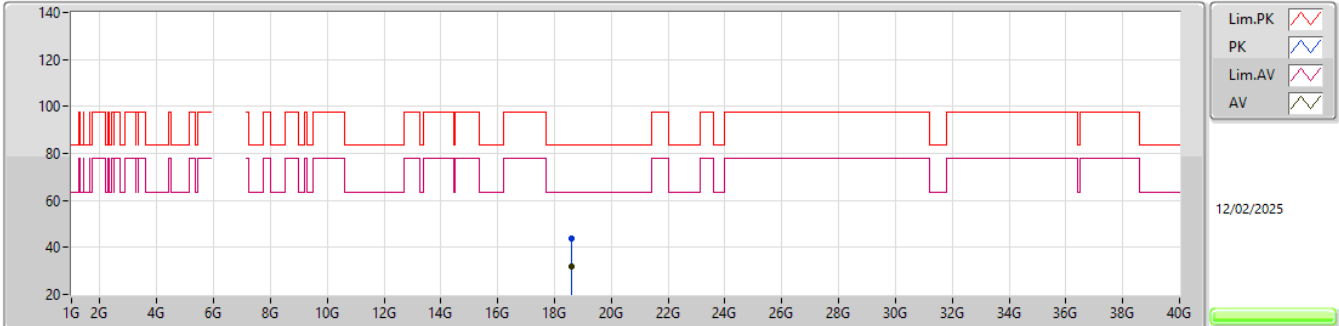
6205MHz\_TX

EUT\_Y\_8TX  
Setting 11  
03-P-J-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	18.61312G	43.07	74.00	-30.93	38.40	1	Vertical	288	2.45	-	37.83	15.25	48.41			
AV	18.61524G	31.81	54.00	-22.19	27.15	1	Vertical	288	2.45	-	37.83	15.25	48.42			

5.925-6.425GHz\_802.11ax HEW40\_Nss1,(MCS0)\_8TX

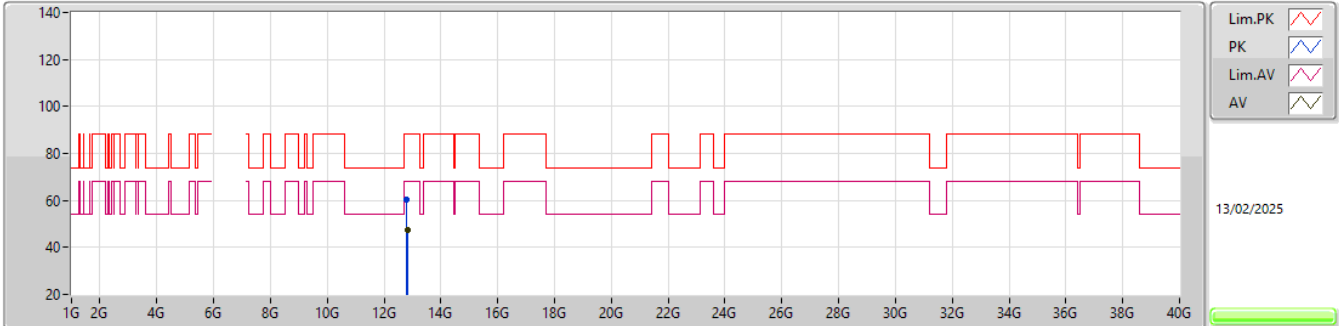
6205MHz\_TX

EUT\_Y\_8TX  
Setting 11  
03-P-J-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	18.61412G	43.93	74.00	-30.07	39.26	1	Horizontal	131	2.91	-	37.83	15.25	48.41			
AV	18.61402G	31.90	54.00	-22.10	27.23	1	Horizontal	131	2.91	-	37.83	15.25	48.41			

5.925-6.425GHz\_802.11ax HEW40\_Nss1,(MCS0)\_8TX

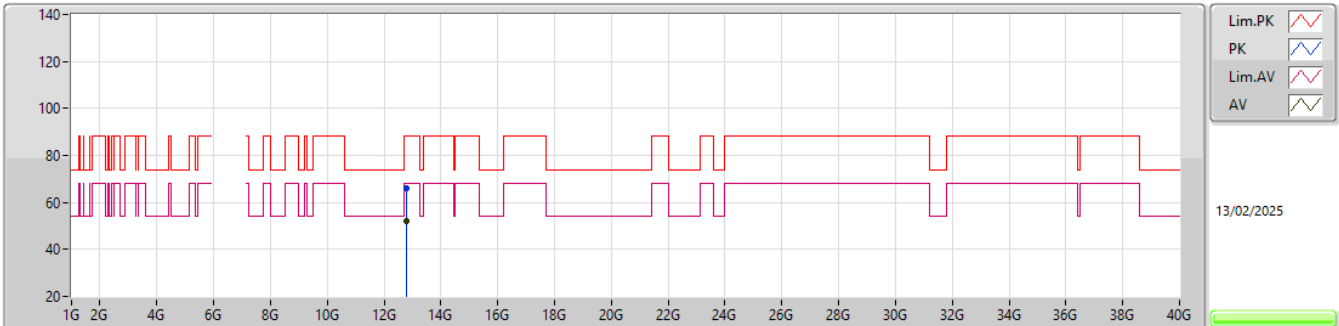
6405MHz\_TX

EUT Y\_8TX  
Setting 10  
01-C-J-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	12.80604G	60.40	88.20	-27.80	40.15	3	Vertical	40	1.80	-	39.22	12.80	31.77			
RMS	12.81462G	47.57	68.20	-20.63	27.28	3	Vertical	40	1.80	-	39.26	12.80	31.77			

5.925-6.425GHz\_802.11ax HEW40\_Nss1,(MCS0)\_8TX

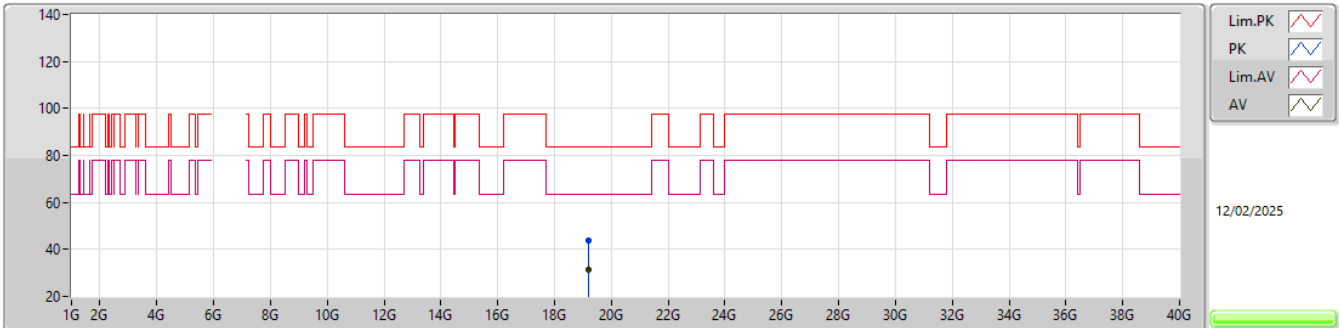
6405MHz\_TX

EUT Y\_8TX  
Setting 10  
01-C-J-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	12.80988G	65.93	88.20	-22.27	45.66	3	Horizontal	38	1.80	-	39.24	12.80	31.77			
RMS	12.81022G	52.02	68.20	-16.18	31.75	3	Horizontal	38	1.80	-	39.24	12.80	31.77			

5.925-6.425GHz\_802.11ax HEW40\_Nss1,(MCS0)\_8TX

6405MHz\_TX

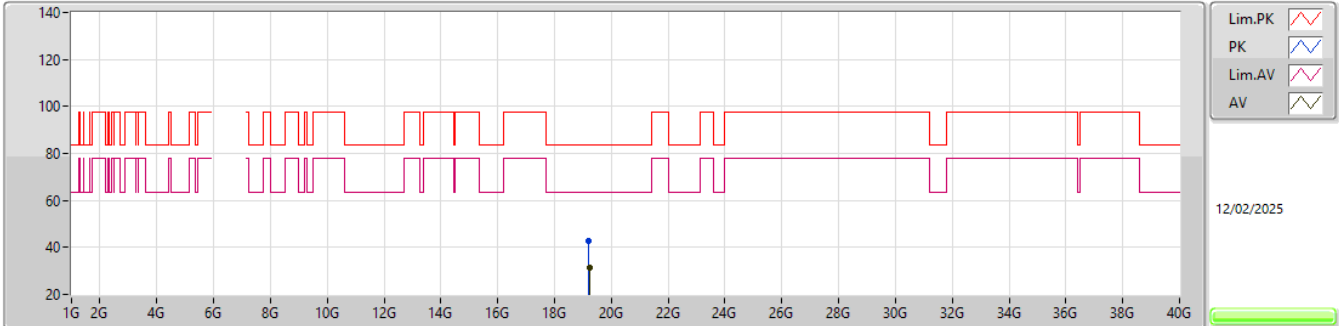
EUT\_Y\_8TX  
Setting 10  
03-P-J-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	19.21266G	43.90	74.00	-30.10	39.63	1	Vertical	216	2.33	-	37.85	15.22	48.80			
AV	19.21352G	31.40	54.00	-22.60	27.13	1	Vertical	216	2.33	-	37.85	15.22	48.80			



5.925-6.425GHz\_802.11ax HEW40\_Nss1,(MCS0)\_8TX

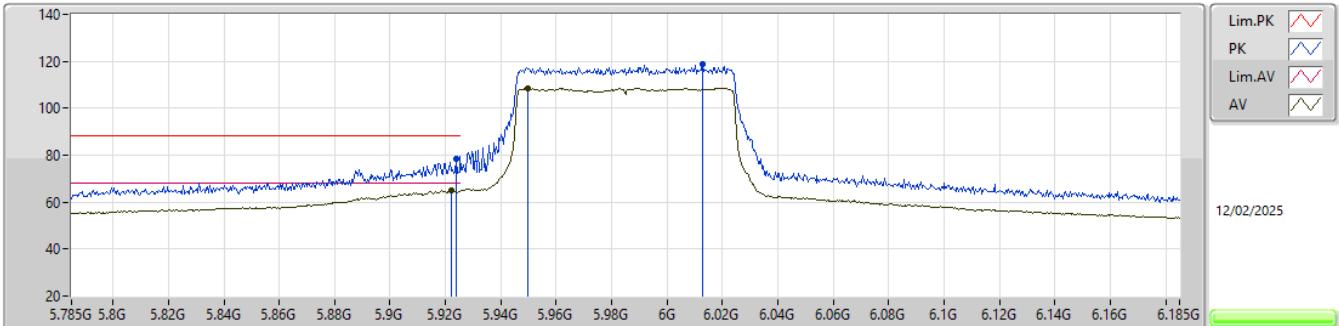
6405MHz\_TX

EUT\_Y\_8TX  
Setting 10  
03-P-J-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	19.21444G	42.53	74.00	-31.47	38.25	1	Horizontal	68	2.19	-	37.86	15.22	48.80			
AV	19.21944G	31.27	54.00	-22.73	26.97	1	Horizontal	68	2.19	-	37.88	15.22	48.80			

5.925-6.425GHz\_802.11ax HEW80\_Nss1,(MCS0)\_8TX

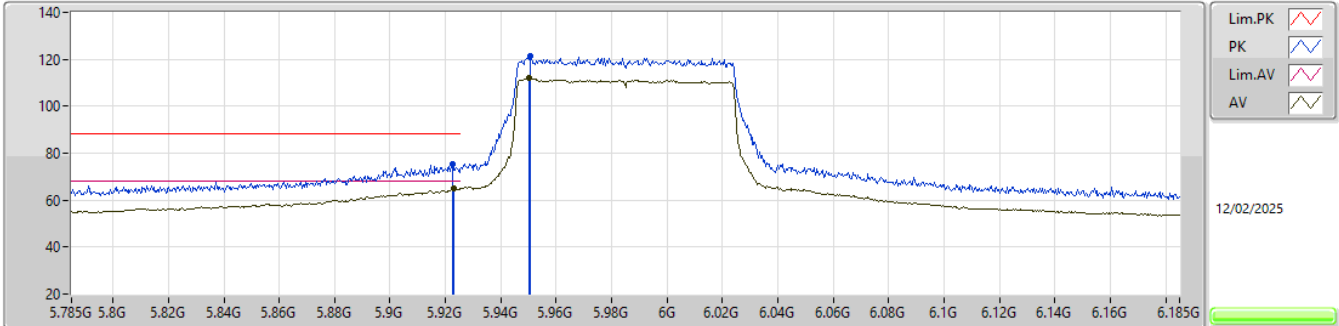
5985MHz\_TX

EUT Y\_8TX  
Setting 14  
01-C-J-10-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.9238G	78.68	88.20	-9.52	68.74	3	Vertical	10	1.80	-	34.94	7.44	32.44
RMS	5.9222G	64.91	68.20	-3.29	54.98	3	Vertical	10	1.80	-	34.93	7.44	32.44
PK	6.013G	118.97	Inf	-Inf	108.57	3	Vertical	10	1.80	-	35.33	7.51	32.44
RMS	5.9498G	108.57	Inf	-Inf	98.45	3	Vertical	10	1.80	-	35.10	7.46	32.44

5.925-6.425GHz\_802.11ax HEW80\_Nss1,(MCS0)\_8TX

5985MHz\_TX

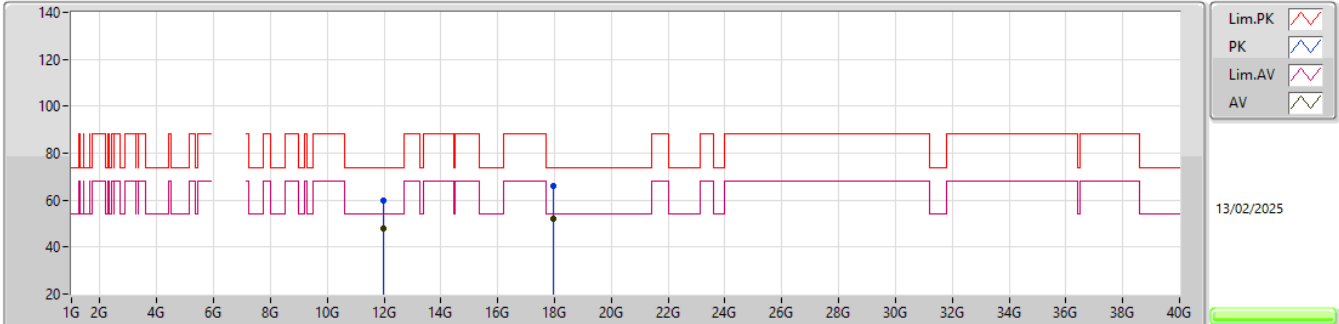


EUT Y\_8TX  
Setting 14  
01-C-J-10-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)				
PK	5.9226G	75.16	88.20	-13.04	65.22	3	Horizontal	23	1.80	-	34.94	7.44	32.44				
RMS	5.923G	64.75	68.20	-3.45	54.81	3	Horizontal	23	1.80	-	34.94	7.44	32.44				
PK	5.9506G	121.58	Inf	-Inf	111.46	3	Horizontal	23	1.80	-	35.10	7.46	32.44				
RMS	5.9502G	111.87	Inf	-Inf	101.75	3	Horizontal	23	1.80	-	35.10	7.46	32.44				

5.925-6.425GHz\_802.11ax HEW80\_Nss1,(MCS0)\_8TX

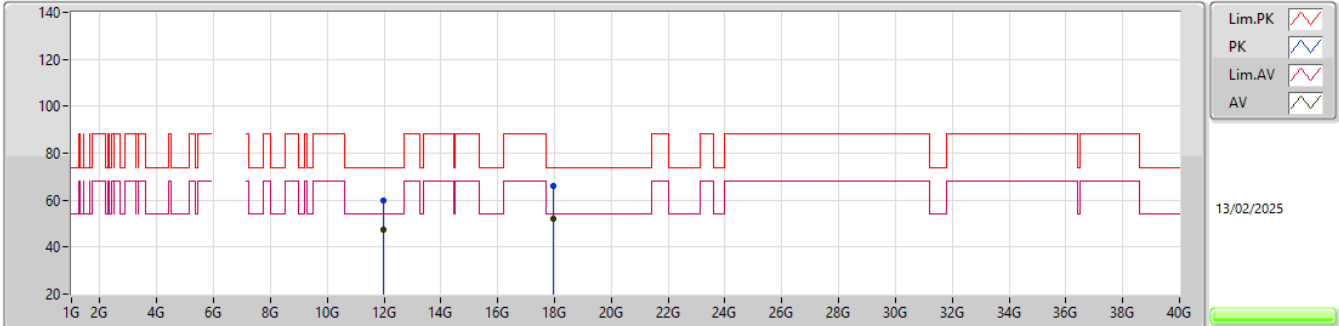
5985MHz\_TX

EUT Y\_8TX  
Setting 14  
01-C-J-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	11.9783G	59.92	74.00	-14.08	41.67	3	Vertical	360	1.80	-	38.70	12.34	32.79				
AV	11.9749G	47.68	54.00	-6.32	29.44	3	Vertical	360	1.80	-	38.70	12.33	32.79				
PK	17.94854G	66.25	74.00	-7.75	42.03	3	Vertical	354	1.80	-	41.40	14.22	31.40				
AV	17.95862G	52.00	54.00	-2.00	27.75	3	Vertical	354	1.80	-	41.42	14.22	31.39				

5.925-6.425GHz\_802.11ax HEW80\_Nss1,(MCS0)\_8TX

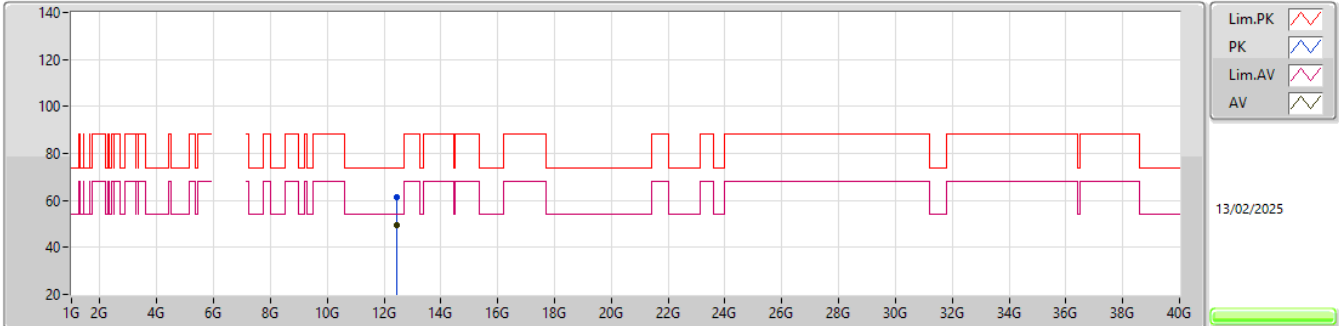
5985MHz\_TX

EUT\_Y\_8TX  
Setting 14  
01-C-J-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	11.96664G	60.04	74.00	-13.96	41.80	3	Horizontal	201	1.66	-	38.70	12.33	32.79				
AV	11.97858G	47.65	54.00	-6.35	29.40	3	Horizontal	201	1.66	-	38.70	12.34	32.79				
PK	17.95356G	65.83	74.00	-8.17	41.60	3	Horizontal	360	1.80	-	41.41	14.22	31.40				
AV	17.96348G	52.09	54.00	-1.91	27.83	3	Horizontal	360	1.80	-	41.43	14.22	31.39				

5.925-6.425GHz\_802.11ax HEW80\_Nss1,(MCS0)\_8TX

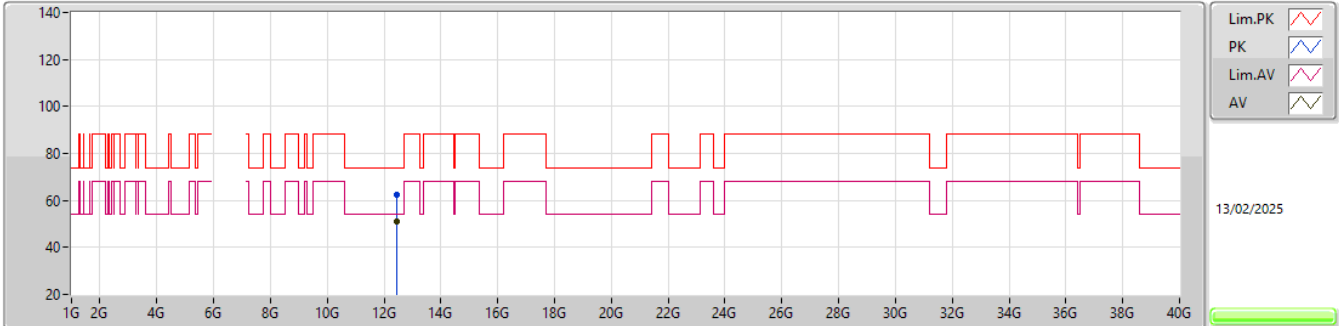
6225MHz\_TX

EUT Y\_8TX  
Setting 13  
01-C-J-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	12.45762G	61.59	74.00	-12.41	42.40	3	Vertical	317	1.80	-	38.72	12.61	32.14			
AV	12.45612G	49.40	54.00	-4.60	30.22	3	Vertical	317	1.80	-	38.71	12.61	32.14			

5.925-6.425GHz\_802.11ax HEW80\_Nss1,(MCS0)\_8TX

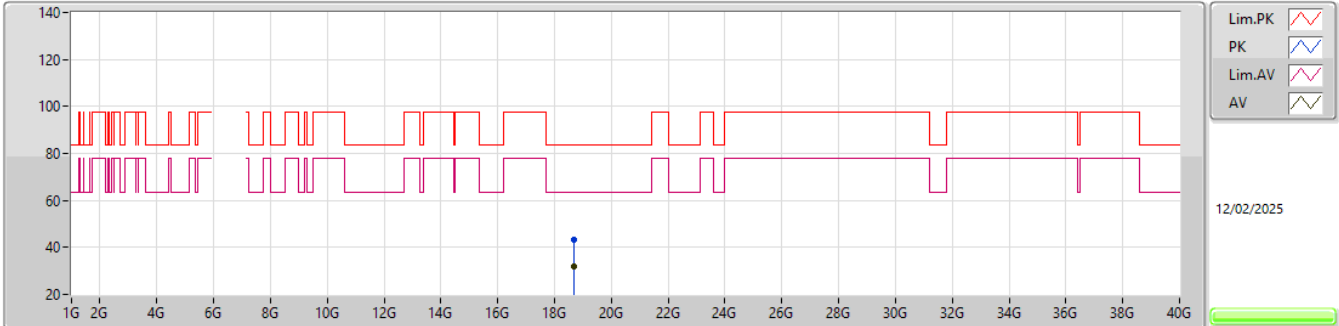
6225MHz\_TX

EUT Y\_8TX  
Setting 13  
01-C-J-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	12.45166G	62.20	74.00	-11.80	43.04	3	Horizontal	41	1.80	-	38.70	12.61	32.15			
AV	12.44942G	50.93	54.00	-3.07	31.78	3	Horizontal	41	1.80	-	38.70	12.60	32.15			

5.925-6.425GHz\_802.11ax HEW80\_Nss1,(MCS0)\_8TX

6225MHz\_TX

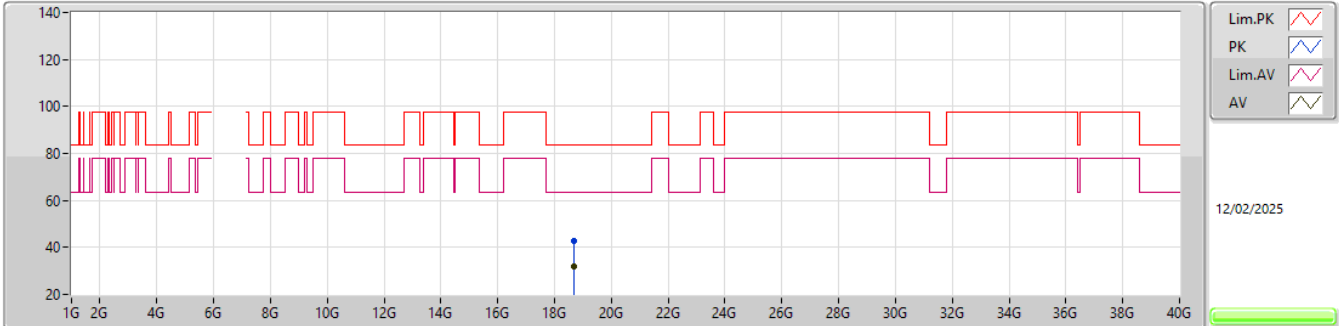
EUT Y\_8TX  
Setting 13  
03-P-J-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	18.67264G	43.52	74.00	-30.48	38.84	1	Vertical	320	2.95	-	37.90	15.25	48.47			
AV	18.67756G	31.97	54.00	-22.03	27.30	1	Vertical	320	2.95	-	37.90	15.25	48.48			



5.925-6.425GHz\_802.11ax HEW80\_Nss1,(MCS0)\_8TX

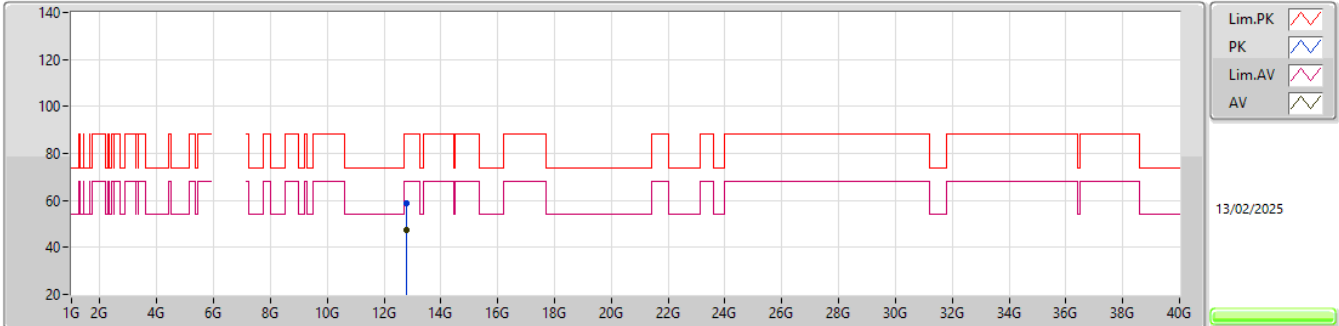
6225MHz\_TX

EUT Y\_8TX  
Setting 13  
03-P-J-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	18.67398G	42.84	74.00	-31.16	38.16	1	Horizontal	110	2.23	-	37.90	15.25	48.47			
AV	18.6766G	32.06	54.00	-21.94	27.39	1	Horizontal	110	2.23	-	37.90	15.25	48.48			

5.925-6.425GHz\_802.11ax HEW80\_Nss1,(MCS0)\_8TX

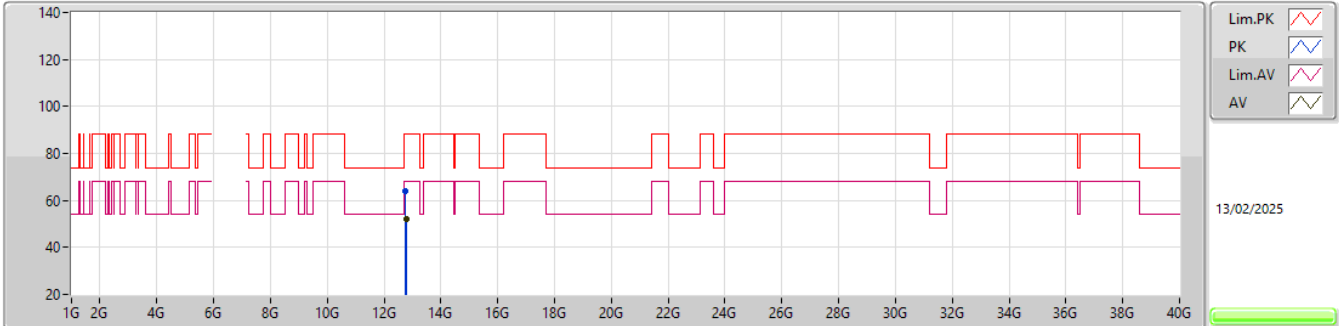
6385MHz\_TX

EUT Y\_8TX  
Setting 10  
01-C-J-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	12.77132G	59.04	88.20	-29.16	38.93	3	Vertical	282	1.80	-	39.14	12.78	31.81			
RMS	12.77714G	47.19	68.20	-21.01	27.06	3	Vertical	282	1.80	-	39.15	12.78	31.80			

5.925-6.425GHz\_802.11ax HEW80\_Nss1,(MCS0)\_8TX

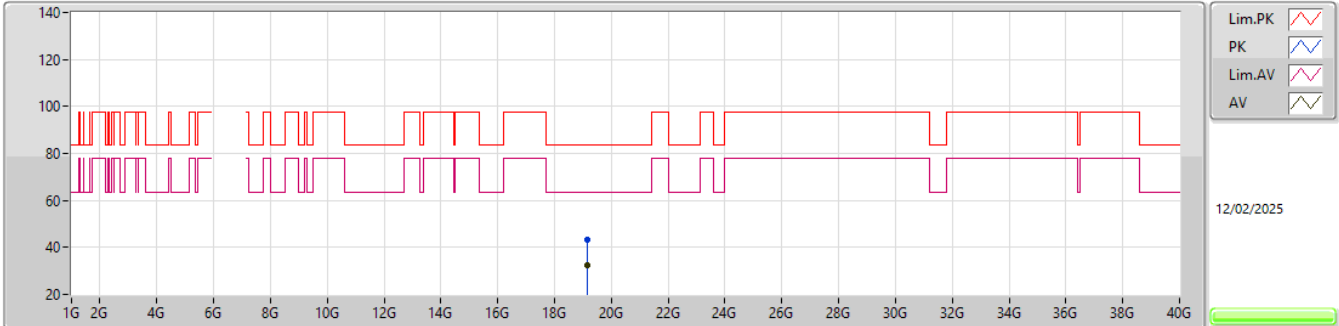
6385MHz\_TX

EUT\_Y\_8TX  
Setting 10  
01-C-J-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	12.76824G	64.17	88.20	-24.03	44.06	3	Horizontal	36	1.80	-	39.14	12.78	31.81			
RMS	12.77648G	51.99	68.20	-16.21	31.86	3	Horizontal	36	1.80	-	39.15	12.78	31.80			

5.925-6.425GHz\_802.11ax HEW80\_Nss1,(MCS0)\_8TX

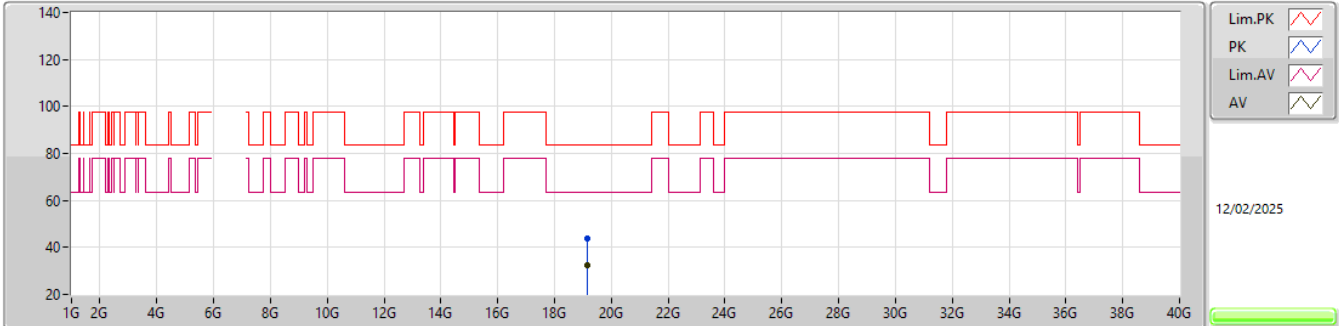
6385MHz\_TX

EUT Y\_8TX  
Setting 10  
03-P-J-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	19.15182G	43.33	74.00	-30.67	38.92	1	Vertical	356	1.59	-	37.99	15.22	48.80			
AV	19.1573G	32.44	54.00	-21.56	28.05	1	Vertical	356	1.59	-	37.97	15.22	48.80			

5.925-6.425GHz\_802.11ax HEW80\_Nss1,(MCS0)\_8TX

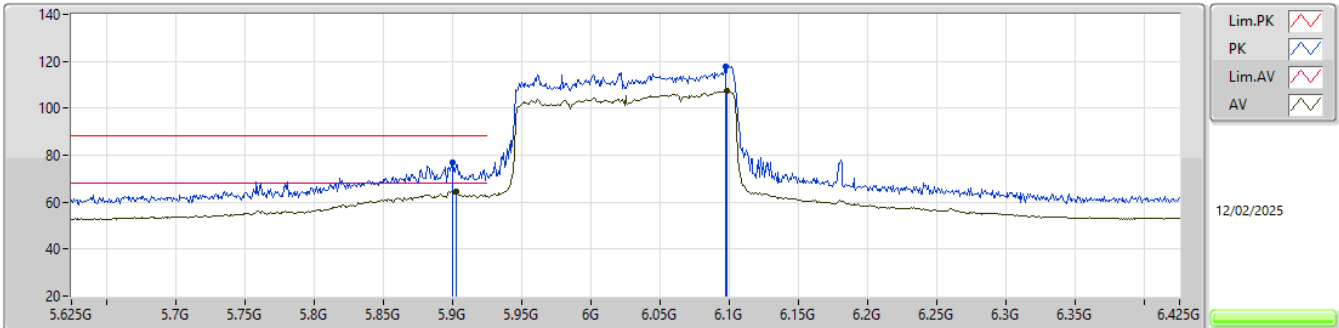
6385MHz\_TX

EUT Y\_8TX  
Setting 10  
03-P-J-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	19.15412G	43.76	74.00	-30.24	39.36	1	Horizontal	148	2.68	-	37.98	15.22	48.80			
AV	19.15748G	32.60	54.00	-21.40	28.21	1	Horizontal	148	2.68	-	37.97	15.22	48.80			

5.925-6.425GHz\_802.11ax HEW160\_Nss1,(MCS0)\_8TX

6025MHz\_TX

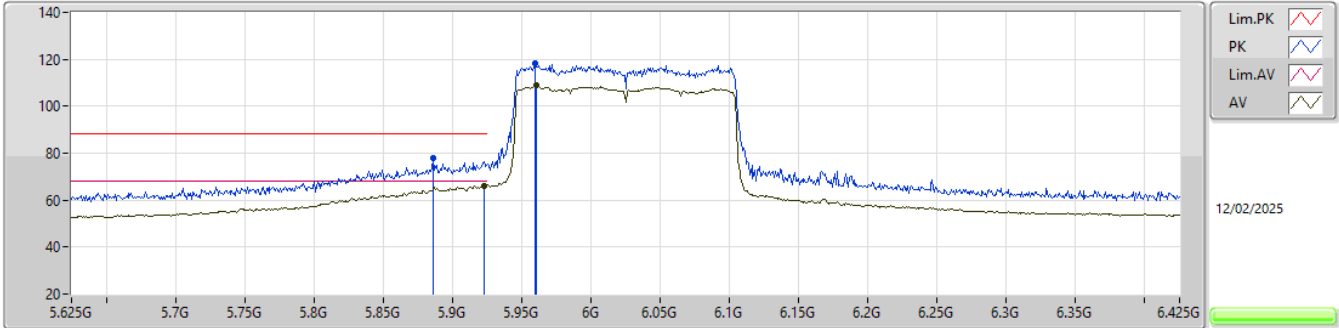


EUT Y\_8TX  
Setting 13  
01-C-J-10-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.9002G	77.15	88.20	-11.05	67.36	3	Vertical	0	1.80	-	34.80	7.43	32.44			
RMS	5.9026G	64.58	68.20	-3.62	54.77	3	Vertical	0	1.80	-	34.82	7.43	32.44			
PK	6.097G	117.89	Inf	-Inf	107.38	3	Vertical	0	1.80	-	35.40	7.54	32.43			
RMS	6.0978G	107.60	Inf	-Inf	97.09	3	Vertical	0	1.80	-	35.40	7.54	32.43			

5.925-6.425GHz\_802.11ax HEW160\_Nss1,(MCS0)\_8TX

6025MHz\_TX

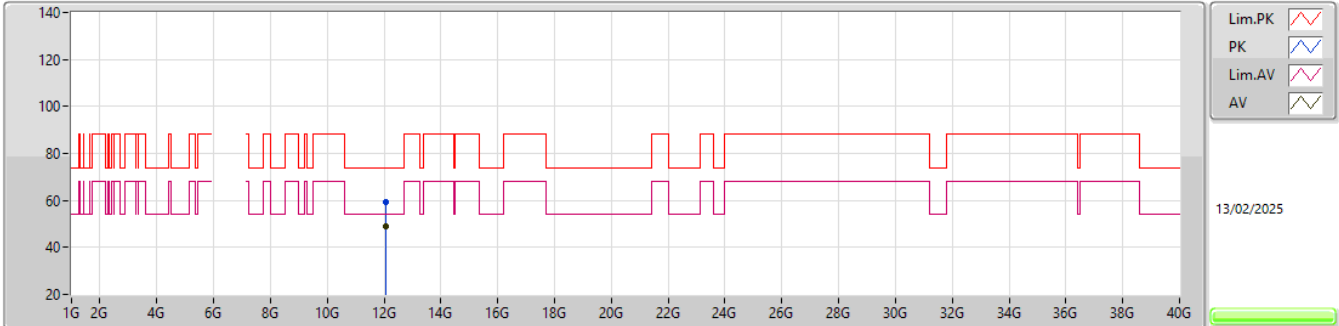


EUT Y\_8TX  
Setting 13  
01-C-J-10-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.8858G	77.68	88.20	-10.52	68.00	3	Horizontal	356	1.80	-	34.71	7.41	32.44			
RMS	5.9226G	65.92	68.20	-2.28	55.98	3	Horizontal	356	1.80	-	34.94	7.44	32.44			
PK	5.9594G	118.36	Inf	-Inf	108.19	3	Horizontal	356	1.80	-	35.14	7.47	32.44			
RMS	5.9602G	109.02	Inf	-Inf	98.85	3	Horizontal	356	1.80	-	35.14	7.47	32.44			

5.925-6.425GHz\_802.11ax HEW160\_Nss1,(MCS0)\_8TX

6025MHz\_TX

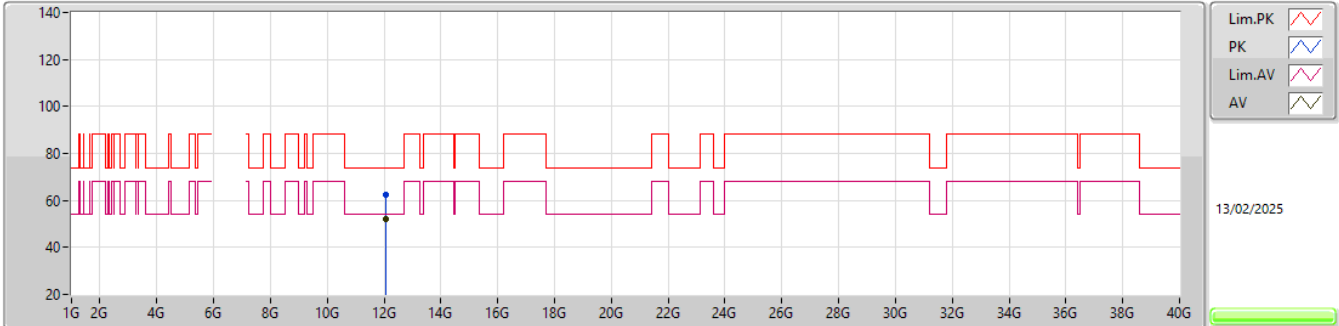
EUT Y\_8TX  
Setting 13  
01-C-J-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	12.05198G	59.19	74.00	-14.81	40.93	3	Vertical	312	1.80	-	38.60	12.39	32.73			
AV	12.04976G	48.93	54.00	-5.07	30.67	3	Vertical	312	1.80	-	38.60	12.39	32.73			



5.925-6.425GHz\_802.11ax HEW160\_Nss1,(MCS0)\_8TX

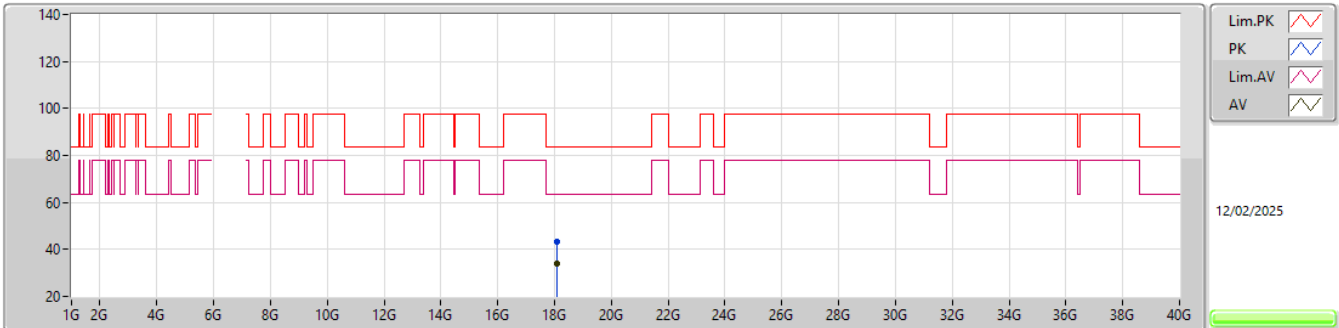
6025MHz\_TX

EUT Y\_8TX  
Setting 13  
01-C-J-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	12.05014G	62.36	74.00	-11.64	44.10	3	Horizontal	308	1.80	-	38.60	12.39	32.73			
AV	12.04454G	52.03	54.00	-1.97	33.78	3	Horizontal	308	1.80	-	38.61	12.38	32.74			

5.925-6.425GHz\_802.11ax HEW160\_Nss1,(MCS0)\_8TX

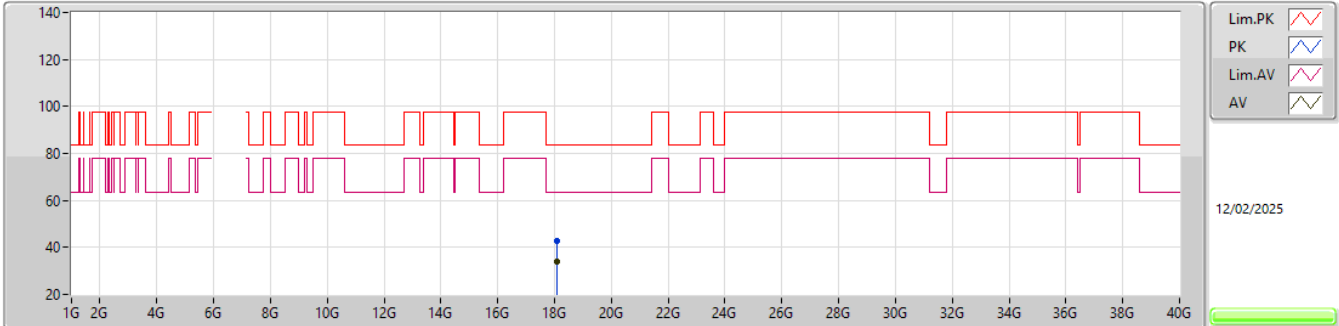
6025MHz\_TX

EUT Y\_8TX  
Setting 13  
03-P-J-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	18.07206G	43.43	74.00	-30.57	38.82	1	Vertical	150	2.61	-	37.53	15.29	48.21			
AV	18.07396G	33.97	54.00	-20.03	29.35	1	Vertical	150	2.61	-	37.54	15.29	48.21			

5.925-6.425GHz\_802.11ax HEW160\_Nss1,(MCS0)\_8TX

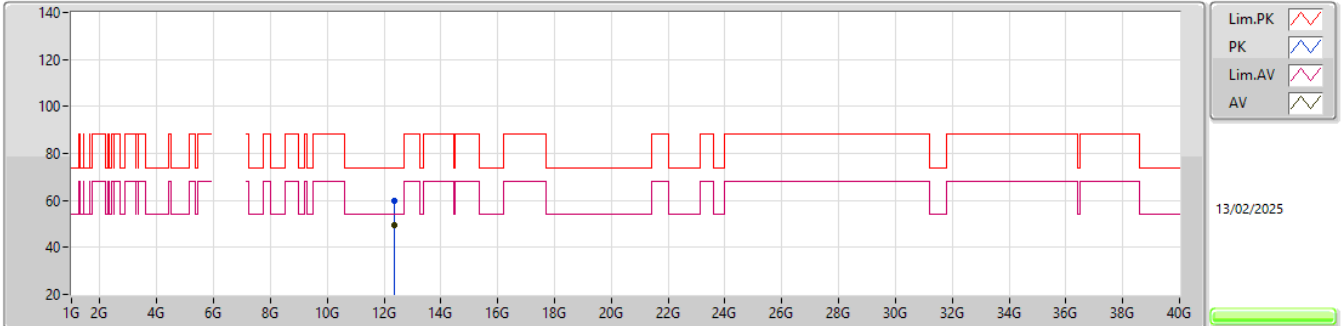
6025MHz\_TX

EUT Y\_8TX  
Setting 13  
03-P-J-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	18.07476G	43.00	74.00	-31.00	38.37	1	Horizontal	203	1.29	-	37.55	15.29	48.21			
AV	18.07506G	33.84	54.00	-20.16	29.22	1	Horizontal	203	1.29	-	37.55	15.29	48.22			

5.925-6.425GHz\_802.11ax HEW160\_Nss1,(MCS0)\_8TX

6185MHz\_TX

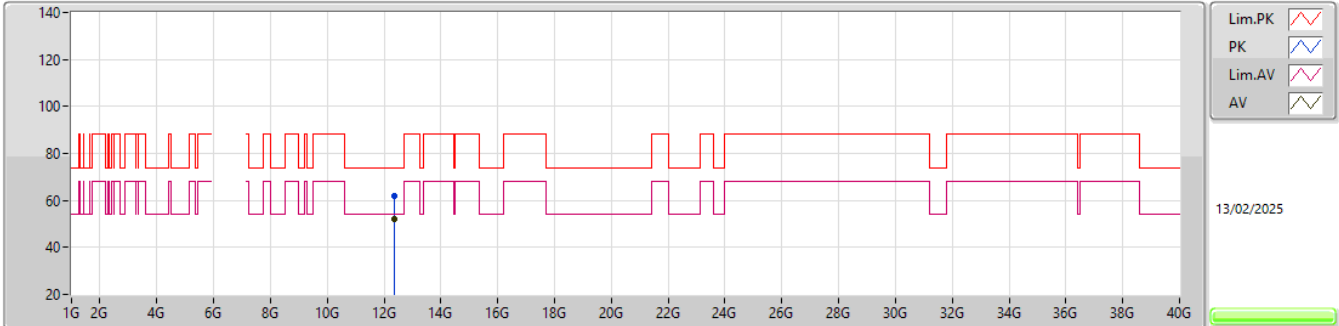


EUT Y\_8TX  
Setting 13  
01-C-J-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	12.37924G	59.68	74.00	-14.32	40.80	3	Vertical	317	1.80	-	38.56	12.57	32.25			
AV	12.37468G	49.28	54.00	-4.72	30.43	3	Vertical	317	1.80	-	38.55	12.56	32.26			

5.925-6.425GHz\_802.11ax HEW160\_Nss1,(MCS0)\_8TX

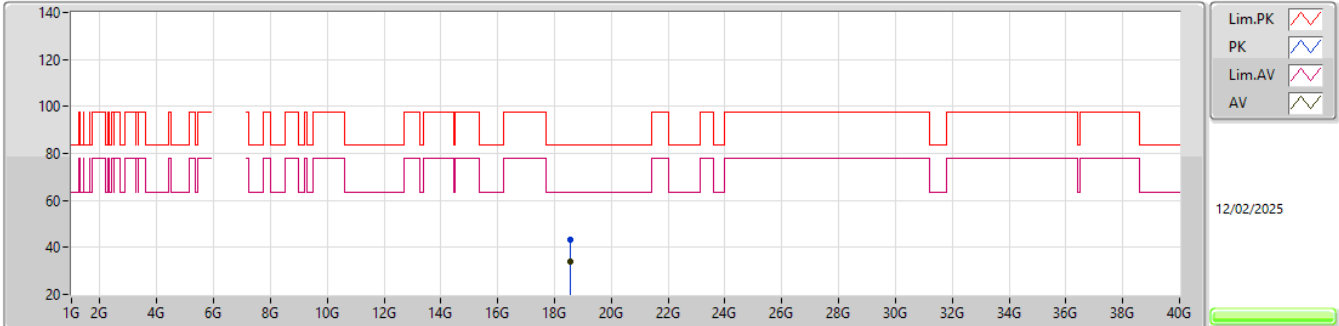
6185MHz\_TX

EUT Y\_8TX  
Setting 13  
01-C-J-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	12.36704G	61.86	74.00	-12.14	43.04	3	Horizontal	325	1.74	-	38.53	12.56	32.27			
AV	12.3692G	52.30	54.00	-1.70	33.47	3	Horizontal	325	1.74	-	38.54	12.56	32.27			

5.925-6.425GHz\_802.11ax HEW160\_Nss1,(MCS0)\_8TX

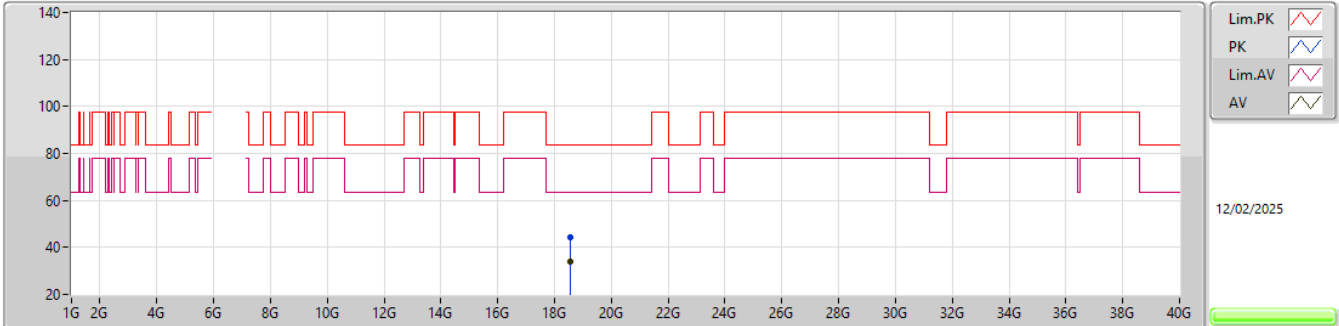
6185MHz\_TX

EUT Y\_8TX  
Setting 13  
03-P-J-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	18.55046G	43.46	74.00	-30.54	38.75	1	Vertical	181	2.55	-	37.80	15.26	48.35			
AV	18.55724G	34.13	54.00	-19.87	29.43	1	Vertical	181	2.55	-	37.80	15.26	48.36			

5.925-6.425GHz\_802.11ax HEW160\_Nss1,(MCS0)\_8TX

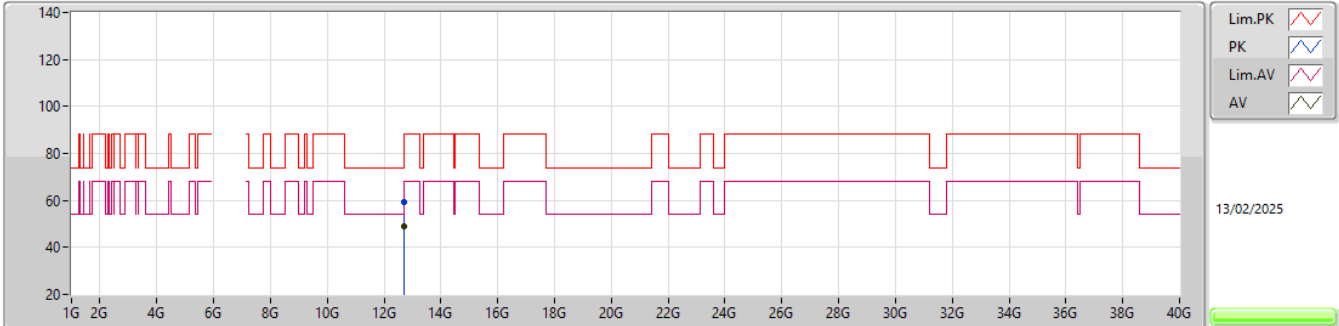
6185MHz\_TX

EUT\_Y\_8TX  
Setting 13  
03-P-J-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	18.55616G	44.10	74.00	-29.90	39.40	1	Horizontal	186	1.87	-	37.80	15.26	48.36			
AV	18.5567G	34.06	54.00	-19.94	29.36	1	Horizontal	186	1.87	-	37.80	15.26	48.36			

5.925-6.425GHz\_802.11ax HEW160\_Nss1,(MCS0)\_8TX

6345MHz\_TX



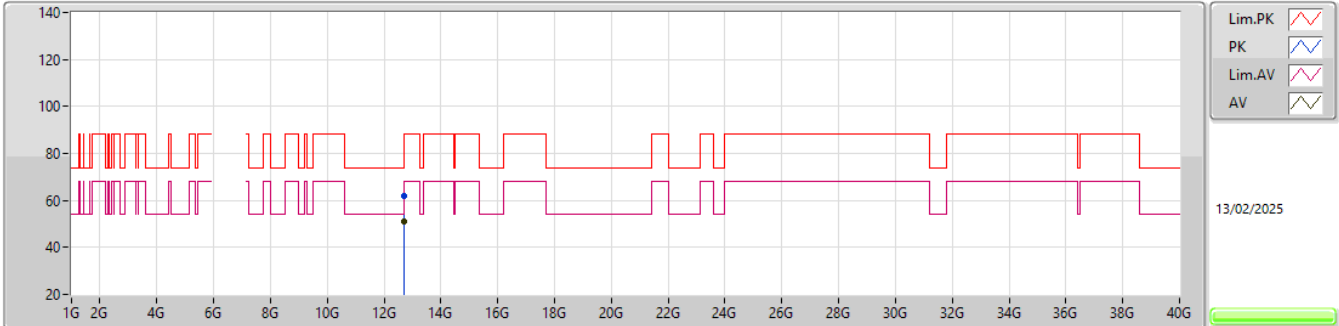
EUT\_Y\_8TX  
Setting 12  
01-C-J-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	12.6977G	59.11	74.00	-14.89	39.15	3	Vertical	333	2.76	-	39.10	12.74	31.88			
AV	12.68818G	48.98	54.00	-5.02	29.05	3	Vertical	333	2.76	-	39.08	12.74	31.89			



5.925-6.425GHz\_802.11ax HEW160\_Nss1,(MCS0)\_8TX

6345MHz\_TX

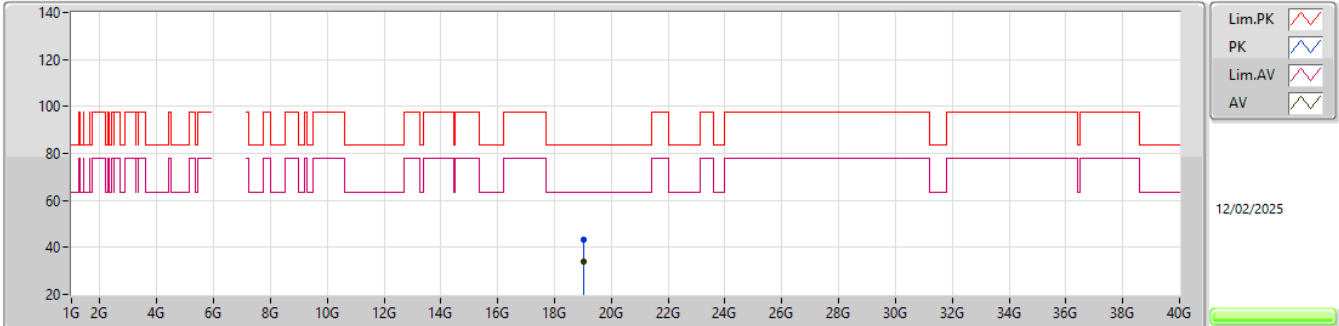


EUT\_Y\_8TX  
Setting 12  
01-C-J-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	12.68918G	61.69	74.00	-12.31	41.76	3	Horizontal	37	1.80	-	39.08	12.74	31.89			
AV	12.69668G	51.01	54.00	-2.99	31.06	3	Horizontal	37	1.80	-	39.09	12.74	31.88			

5.925-6.425GHz\_802.11ax HEW160\_Nss1,(MCS0)\_8TX

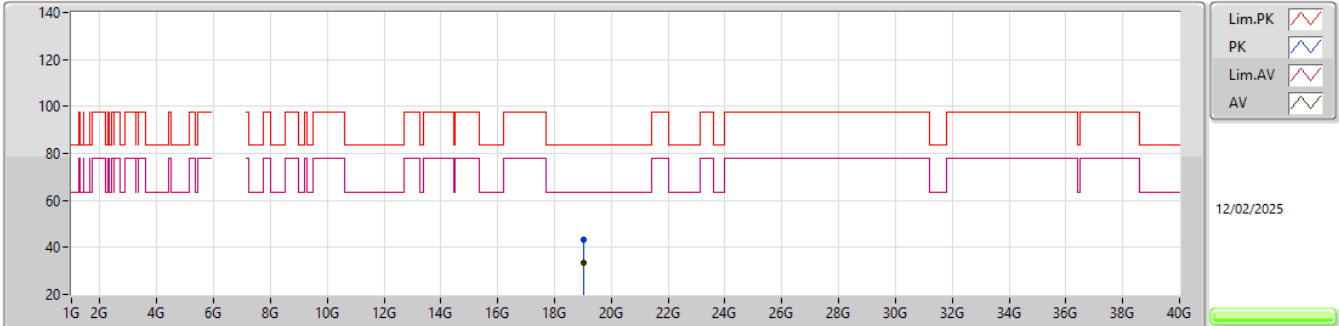
6345MHz\_TX

EUT\_Y\_8TX  
Setting 12  
03-P-J-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	19.03488G	43.06	74.00	-30.94	38.70	1	Vertical	190	2.32	-	37.93	15.23	48.80			
AV	19.03862G	33.77	54.00	-20.23	29.42	1	Vertical	190	2.32	-	37.92	15.23	48.80			

5.925-6.425GHz\_802.11ax HEW160\_Nss1,(MCS0)\_8TX

6345MHz\_TX

EUT Y\_8TX  
Setting 12  
03-P-J-10

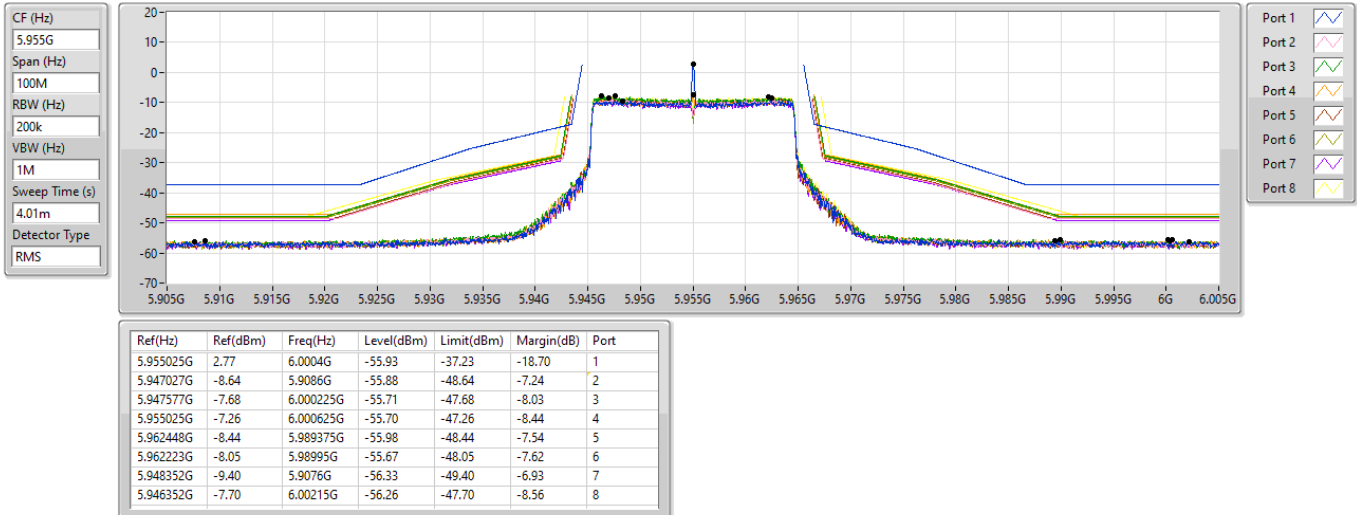
Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	19.03422G	43.17	74.00	-30.83	38.81	1	Horizontal	203	2.89	-	37.93	15.23	48.80			
AV	19.03484G	33.55	54.00	-20.45	29.19	1	Horizontal	203	2.89	-	37.93	15.23	48.80			

5.925-6.425GHz\_802.11ax HEW20\_Nss1,(MCS0)\_8TX

MASK

5955MHz\_TX

17/02/2025

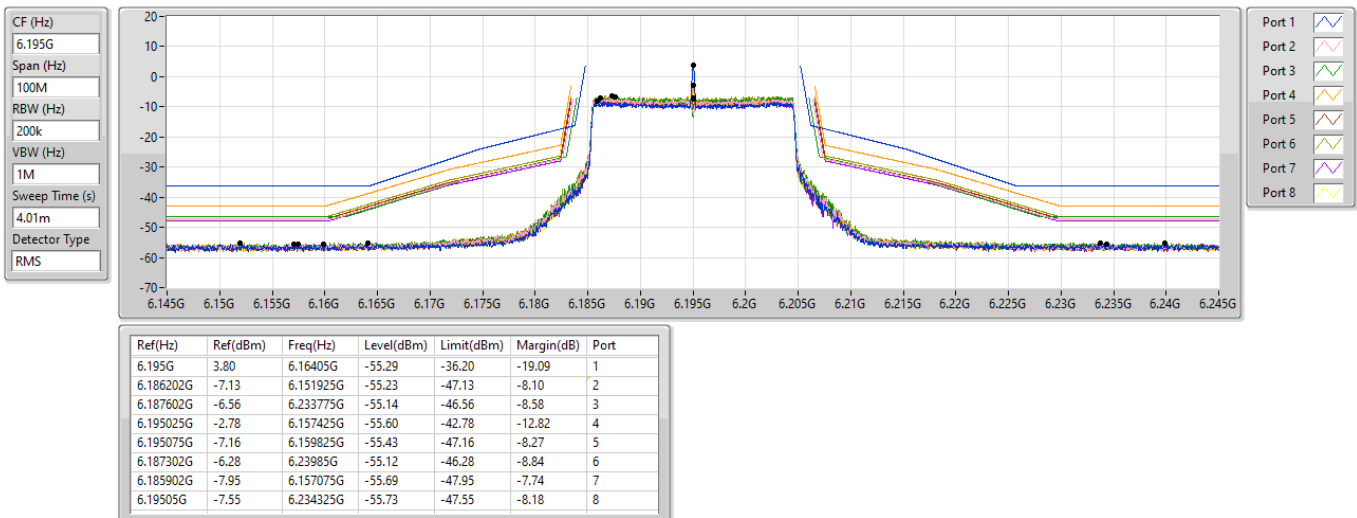


5.925-6.425GHz\_802.11ax HEW20\_Nss1,(MCS0)\_8TX

MASK

6195MHz\_TX

17/02/2025



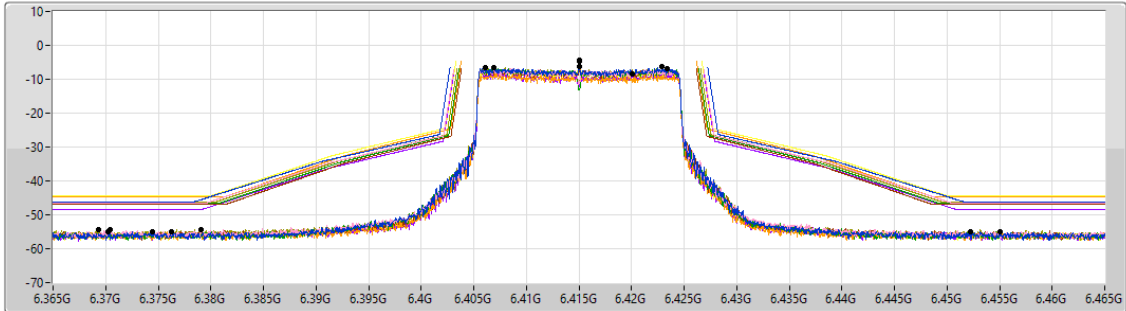
5.925-6.425GHz\_802.11ax HEW20\_Nss1,(MCS0)\_8TX

MASK

6415MHz\_TX

17/02/2025

CF (Hz)  
6.415G  
Span (Hz)  
100M  
RBW (Hz)  
200k  
VBW (Hz)  
1M  
Sweep Time (s)  
4.01m  
Detector Type  
RMS



Port 1  
Port 2  
Port 3  
Port 4  
Port 5  
Port 6  
Port 7  
Port 8

Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.415G	-6.30	6.4522G	-54.85	-46.30	-8.55	1
6.406902G	-6.70	6.37905G	-54.49	-46.70	-7.79	2
6.406127G	-6.59	6.3763G	-54.92	-46.59	-8.33	3
6.415025G	-4.66	6.370275G	-55.10	-44.66	-10.44	4
6.423348G	-6.82	6.3704G	-54.46	-46.82	-7.64	5
6.422898G	-6.34	6.3693G	-54.28	-46.34	-7.94	6
6.420099G	-8.31	6.455075G	-55.07	-48.31	-6.76	7
6.415025G	-4.49	6.374475G	-55.09	-44.49	-10.60	8

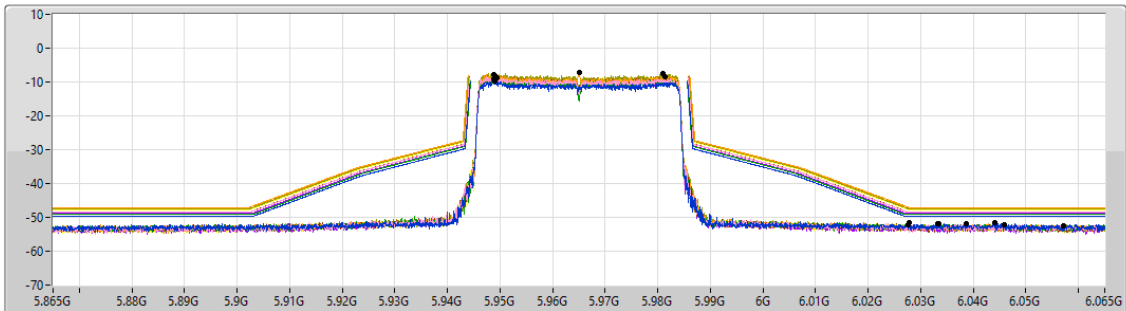
5.925-6.425GHz\_802.11ax HEW40\_Nss1,(MCS0)\_8TX

MASK

5965MHz\_TX

17/02/2025

CF (Hz)  
5.965G  
Span (Hz)  
200M  
RBW (Hz)  
500k  
VBW (Hz)  
2M  
Sweep Time (s)  
4.01m  
Detector Type  
RMS



Port 1  
Port 2  
Port 3  
Port 4  
Port 5  
Port 6  
Port 7  
Port 8

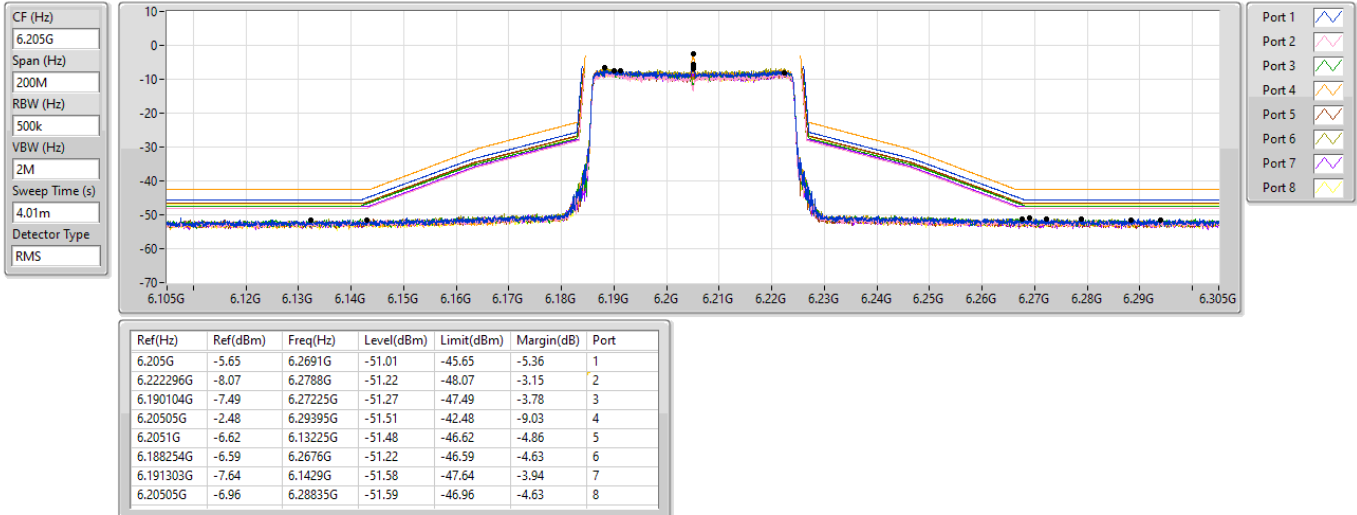
Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
5.949104G	-9.73	6.0441G	-51.66	-49.73	-1.93	1
5.949154G	-8.40	6.0332G	-51.98	-48.40	-3.58	2
5.948804G	-8.99	6.0334G	-52.00	-48.99	-3.01	3
5.9651G	-7.33	6.0279G	-51.63	-47.16	-4.47	4
5.981346G	-8.35	6.0277G	-52.10	-48.35	-3.75	5
5.981046G	-7.49	6.0386G	-51.90	-47.49	-4.41	6
5.949354G	-8.89	6.05715G	-52.43	-48.89	-3.54	7
5.948754G	-7.76	6.046G	-52.16	-47.76	-4.40	8

5.925-6.425GHz\_802.11ax\_HEW40\_Nss1,(MCS0)\_8TX

MASK

6205MHz\_TX

17/02/2025

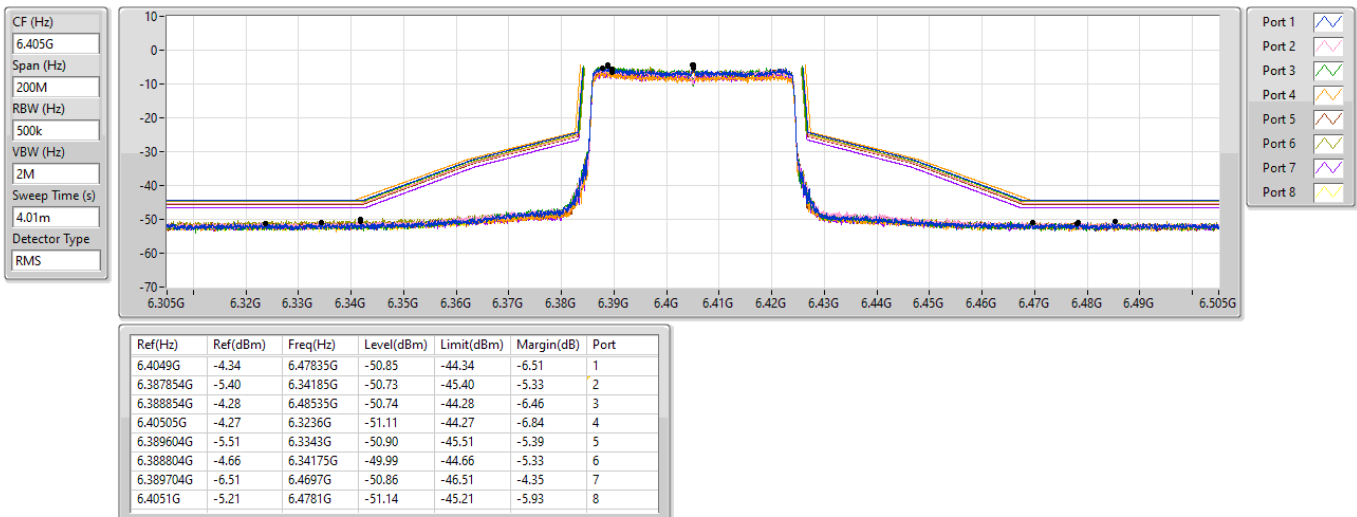


5.925-6.425GHz\_802.11ax\_HEW40\_Nss1,(MCS0)\_8TX

MASK

6405MHz\_TX

17/02/2025

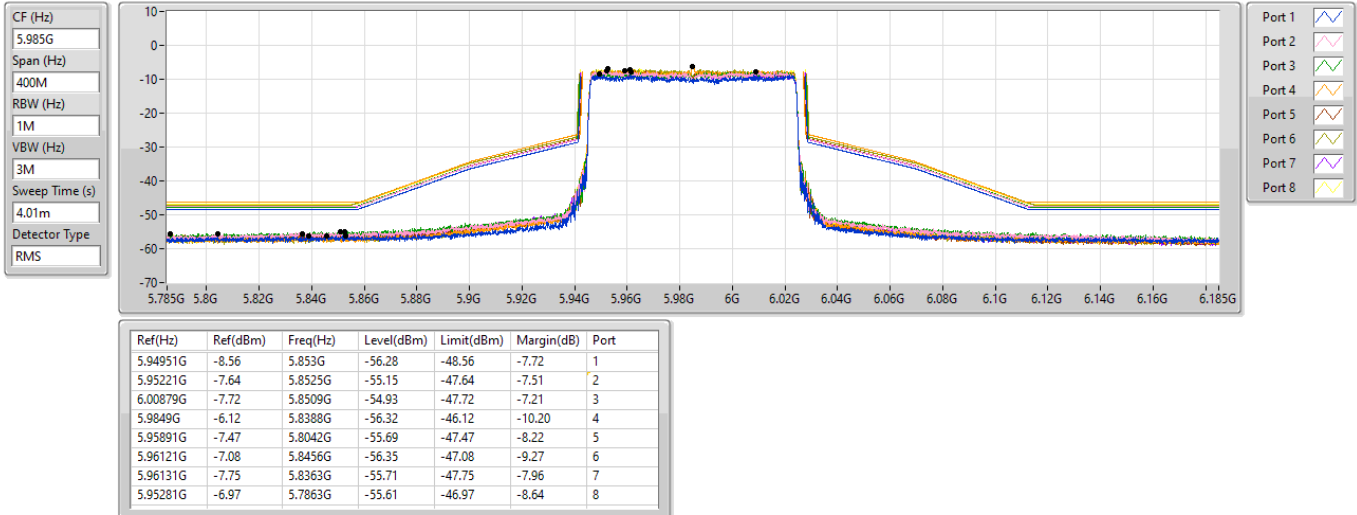


5.925-6.425GHz\_802.11ax\_HEW80\_Nss1,(MCS0)\_8TX

MASK

5985MHz\_TX

17/02/2025

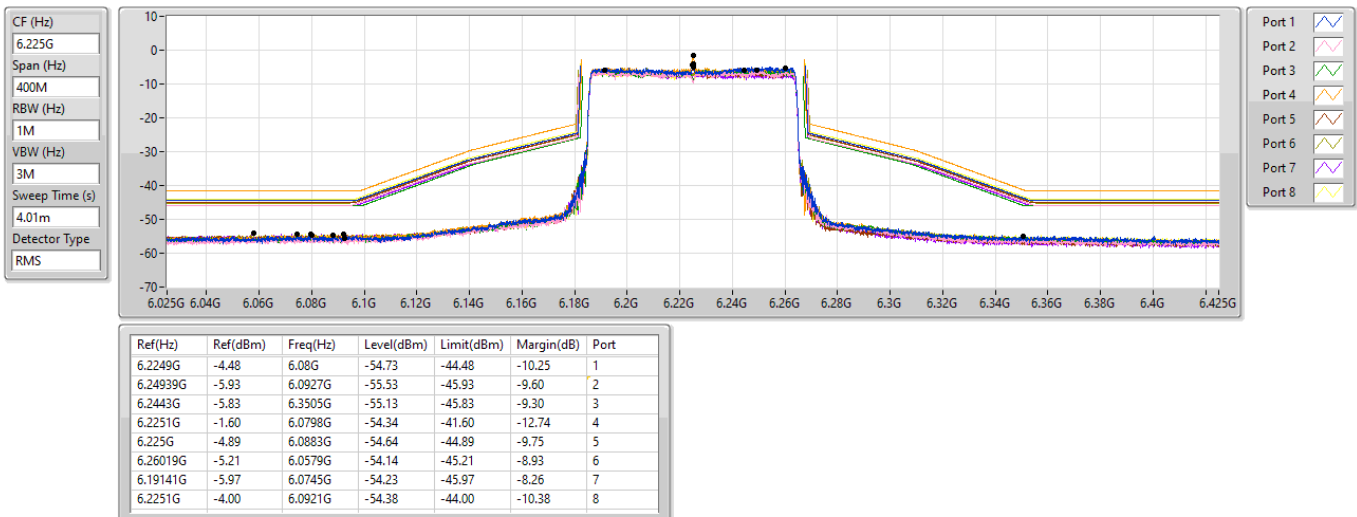


5.925-6.425GHz\_802.11ax\_HEW80\_Nss1,(MCS0)\_8TX

MASK

6225MHz\_TX

17/02/2025

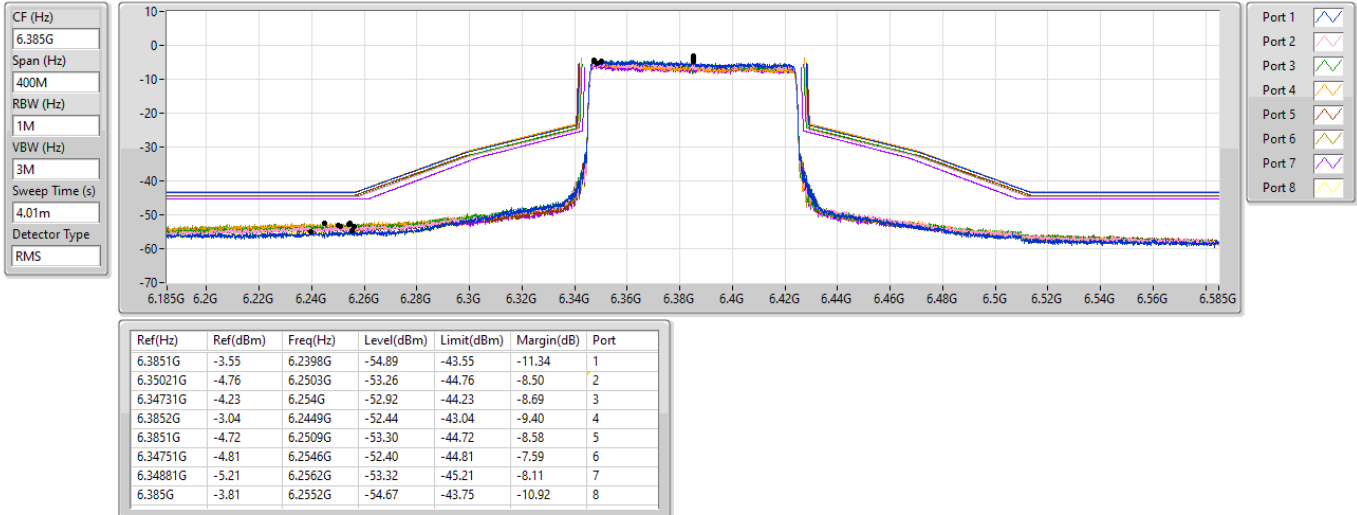


5.925-6.425GHz\_802.11ax\_HEW80\_Nss1,(MCS0)\_8TX

MASK

6385MHz\_TX

17/02/2025

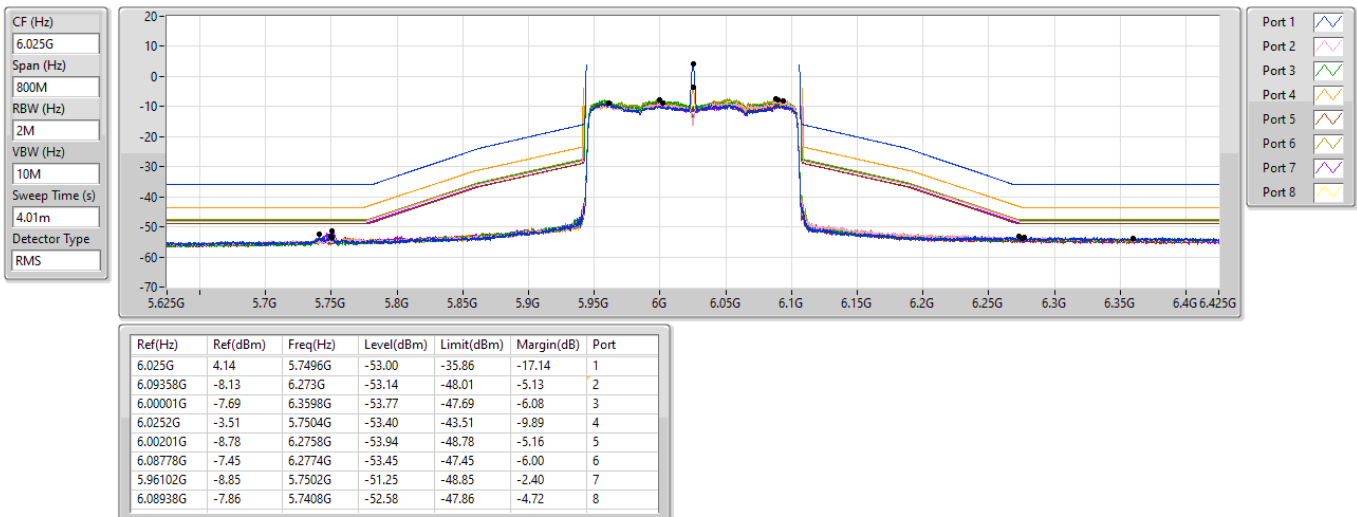


5.925-6.425GHz\_802.11ax\_HEW160\_Nss1,(MCS0)\_8TX

MASK

6025MHz\_TX

17/02/2025



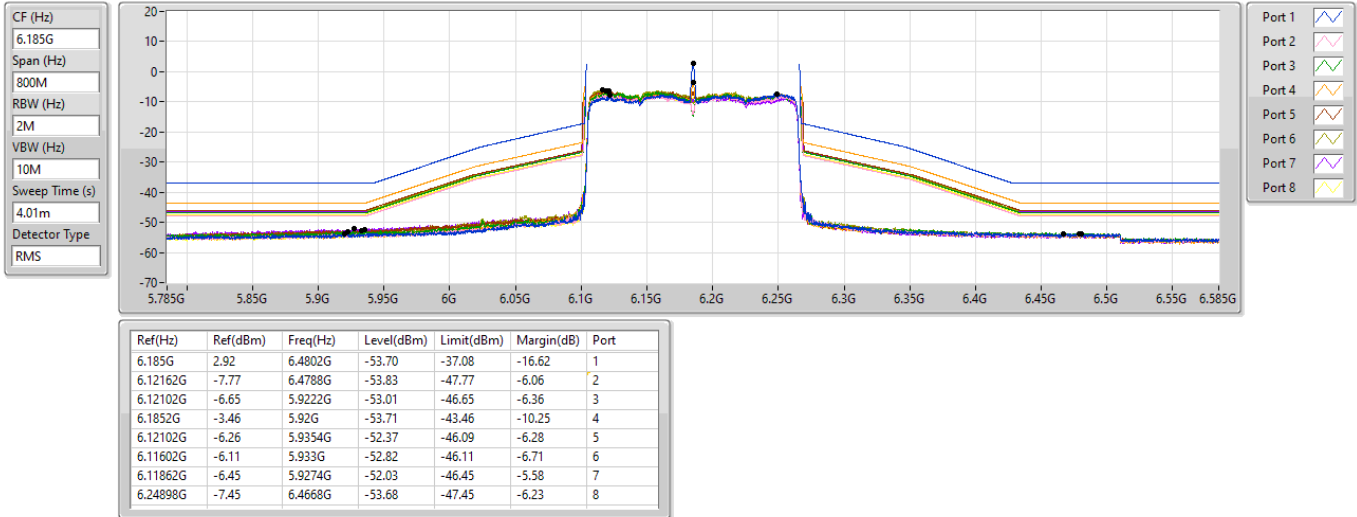


5.925-6.425GHz\_802.11ax\_HEW160\_Nss1,(MCS0)\_8TX

MASK

6185MHz\_TX

17/02/2025



5.925-6.425GHz\_802.11ax\_HEW160\_Nss1,(MCS0)\_8TX

MASK

6345MHz\_TX

17/02/2025

