



# RADIO TEST REPORT

**FCC ID** : TVE-241003  
**Equipment** : Secured Wireless Access Point  
**Brand Name** : FORTINET  
**Model Name** : FortiAP 231Kxxxxxxxxx, FAP-231Kxxxxxxxxx,  
FORTIAP-231Kxxxxxxxxx  
(Please refer to section 1.1.5 for detail information.)  
**Applicant** : Fortinet, Inc.  
909 Kifer Road, Sunnyvale, CA 94086, USA  
**Manufacturer** : Fortinet, Inc.  
909 Kifer Road, Sunnyvale, CA 94086, USA  
**Standard** : 47 CFR FCC Part 15.407

The product was received on Dec. 24, 2024, and testing was started from Jan. 09, 2025 and completed on May 26, 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: Rex Liao

**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 Isotopically 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               | -                                                             |
| 3.6           | 15.407(d)       | Contention-Based Protocol                                 | PASS               | -                                                             |

**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: Wendy Pan**



# 1 General Description

## 1.1 Information

### 1.1.1 RF General Information

| Frequency Range (MHz) | IEEE Std. 802.11          | Ch. Frequency (MHz) | Channel Number |
|-----------------------|---------------------------|---------------------|----------------|
| 5925-7125             | a, ax (HEW20), be (EHT20) | 5955-7115           | 1-233 [59]     |
| 5925-7125             | ax (HEW40), be (EHT40)    | 5965-7085           | 3-227 [29]     |
| 5925-7125             | ax (HEW80), be (EHT80)    | 5985-7025           | 7-215 [14]     |
| 5925-7125             | ax (HEW160), be (EHT160)  | 6025-6985           | 15-207 [7]     |
| 5925-7125             | be (EHT320)               | 6105-6905           | 31-191 [6]     |

| Band           | Mode               | BWch (MHz) | Nant |
|----------------|--------------------|------------|------|
| 5.925-7.125GHz | 802.11a            | 20         | 2TX  |
| 5.925-7.125GHz | 802.11ax HEW20     | 20         | 2TX  |
| 5.925-7.125GHz | 802.11ax HEW20-BF  | 20         | 2TX  |
| 5.925-7.125GHz | 802.11be EHT20     | 20         | 2TX  |
| 5.925-7.125GHz | 802.11be EHT20-BF  | 20         | 2TX  |
| 5.925-7.125GHz | 802.11ax HEW40     | 40         | 2TX  |
| 5.925-7.125GHz | 802.11ax HEW40-BF  | 40         | 2TX  |
| 5.925-7.125GHz | 802.11be EHT40     | 40         | 2TX  |
| 5.925-7.125GHz | 802.11be EHT40-BF  | 40         | 2TX  |
| 5.925-7.125GHz | 802.11ax HEW80     | 80         | 2TX  |
| 5.925-7.125GHz | 802.11ax HEW80-BF  | 80         | 2TX  |
| 5.925-7.125GHz | 802.11be EHT80     | 80         | 2TX  |
| 5.925-7.125GHz | 802.11be EHT80-BF  | 80         | 2TX  |
| 5.925-7.125GHz | 802.11ax HEW160    | 160        | 2TX  |
| 5.925-7.125GHz | 802.11ax HEW160-BF | 160        | 2TX  |
| 5.925-7.125GHz | 802.11be EHT320    | 320        | 2TX  |
| 5.925-7.125GHz | 802.11be EHT320-BF | 320        | 2TX  |

**Note:**

- ♦ 11a use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ HEW20, HEW40, HEW80 and HEW160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ EHT20, EHT40, EHT80 and EHT160, EHT320 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM modulation.
- ♦ BWch is the nominal channel bandwidth.



### 1.1.2 Antenna Information

| Ant. | Port        |           |           |                    |      | Brand     | Model Name    | Antenna Type | Connector | Gain (dBi) |
|------|-------------|-----------|-----------|--------------------|------|-----------|---------------|--------------|-----------|------------|
|      | WLAN 2.4GHz | WLAN 5GHz | WLAN 6GHz | Bluetooth / Zigbee | GNSS |           |               |              |           |            |
| 1    | 2           | 1         | -         | -                  | -    | Grand-Tek | 1034G00000500 | PIFA         | MHF I     | Note 1     |
| 2    | 1           | 2         | -         | -                  | -    | Grand-Tek | 1034G00000510 | PIFA         | MHF I     |            |
| 3    | -           | -         | 1         | -                  | -    | Grand-Tek | 1033G00000220 | PIFA         | MHF I     |            |
| 4    | -           | -         | 2         | -                  | -    | Grand-Tek | 103CG00000560 | Alford Loop  | MHF I     |            |
| 5    | -           | -         | -         | 1                  | -    | Grand-Tek | 1039G00000050 | PIFA         | MHF I     |            |
| 6    | -           | -         | -         | -                  | 1    | Grand-Tek | 1031G00000330 | PATCH        | MHF I     |            |

Note 1:

| Ant. | Antenna Gain (dBi) |          |          |           |          |          |          |          |           |          |          |          |          |
|------|--------------------|----------|----------|-----------|----------|----------|----------|----------|-----------|----------|----------|----------|----------|
|      | WLAN 2.4GHz        |          |          | WLAN 5GHz |          |          |          |          | WLAN 6GHz |          |          |          |          |
|      | 2400 MHz           | 2450 MHz | 2500 MHz | 5150 MHz  | 5350 MHz | 5500 MHz | 5650 MHz | 5850 MHz | 5925 MHz  | 6350 MHz | 6550 MHz | 6950 MHz | 7125 MHz |
| 1    | 4.7                | 5        | 5        | 5         | 5.1      | 5.1      | 5.1      | 5.8      | -         | -        | -        | -        | -        |
| 2    | 4.2                | 4.2      | 4.4      | 5.9       | 6.1      | 6.1      | 5.7      | 6        | -         | -        | -        | -        | -        |
| 3    | -                  | -        | -        | -         | -        | -        | -        | -        | 5.3       | 5.1      | 5.2      | 4.9      | 5.2      |
| 4    | -                  | -        | -        | -         | -        | -        | -        | -        | 6         | 6        | 6.1      | 5.6      | 5.6      |

| Ant. | Bluetooth /Zigbee |          |          | GNSS     |          |
|------|-------------------|----------|----------|----------|----------|
|      | 2400 MHz          | 2450 MHz | 2500 MHz | 1575 MHz | 1602 MHz |
| 5    | 3.8               | 3.4      | 3.8      | -        | -        |
| 6    | -                 | -        | -        | 4.5      | 3.6      |

Note2: The above information was declared by manufacturer.

**For 2.4GHz function**

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

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

Port 1~2 could transmit/receive simultaneously.

**For 5GHz function:**

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

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

Port 1~2 could transmit/receive simultaneously.

**For 6GHz function:**

**For IEEE 802.11 ax/be (2TX/2RX):**

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

Port 1~2 could transmit/receive simultaneously.

**For Bluetooth/Zigbee function (1TX/1RX):**

Only Port 1 can be used as transmitting antenna.

Note3: Directional gain information

| Type   | Maximum Output Power                                                                                                                                       | Power Spectral Density                                                                                                               |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Non-BF | Directional gain = Max.gain + array gain.<br>For power measurements on IEEE 802.11 devices<br>Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$ | $DirectionalGain = 10 \cdot \log \left[ \frac{\sum_{j=1}^{N_{BT}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$ |
| BF     | $DirectionalGain = 10 \cdot \log \left[ \frac{\sum_{j=1}^{N_{BT}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$                       | $DirectionalGain = 10 \cdot \log \left[ \frac{\sum_{j=1}^{N_{BT}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$ |

Ex.

Directional Gain (NSS1) formula :

$$DirectionalGain = 10 \cdot \log \left[ \frac{\sum_{j=1}^{N_{BT}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$$

$$NSS1(g1,1) = 10^{G1/20} ; NSS1(g1,2) = 10^{G2/20} ; NSS1(g1,2) = 10^{G3/20} ; NSS1(g1,2) = 10^{G4/20}$$

$$g_{j,k} = (NSS1(g1,1) + NSS1(g1,2) + NSS1(g1,3) + NSS1(g1,4))^2$$

$$DG = 10 \log[(NSS1(g1,1) + NSS1(g1,2) + NSS1(g1,3) + NSS1(g1,4))^2 / N_{ANT}] \Rightarrow 10$$

$$\log[(10^{G1/20} + 10^{G2/20} + 10^{G3/20} + 10^{G4/20})^2 / N_{ANT}]$$

Where ;

**For nonTXBF power :**

2.4G G1= 5 dBi ;G2= 4.4 dBi ;DG= 5 dBi

5G UNII-1 G1= 5 dBi ;G2= 5.9 dBi ;DG= 5.9 dBi

5G UNII-2A G1= 5.1 dBi ;G2= 6.1 dBi ;DG= 6.1 dBi

5G UNII-2C G1= 5.1 dBi ;G2= 6.1 dBi ;DG= 6.1 dBi

5G UNII-3 G1= 5.8 dBi ;G2= 6 dBi ;DG= 6 dBi

5G UNII-4 G1= 5.8 dBi ;G2= 6 dBi ;DG= 6 dBi

**For nonTXBF PSD / TXBF power :**

2.4G G1= 5 dBi ;G2= 4.4 dBi ;DG= 7.72 dBi

5G UNII-1 G1= 5 dBi ;G2= 5.9 dBi ;DG= 8.47 dBi

5G UNII-2A G1= 5.1 dBi ;G2= 6.1 dBi ;DG= 8.62 dBi

5G UNII-2C G1= 5.1 dBi ;G2= 6.1 dBi ;DG= 8.62 dBi

5G UNII-3 G1= 5.8 dBi ;G2= 6 dBi ;DG= 8.91 dBi

5G UNII-4 G1= 5.8 dBi ;G2= 6 dBi ;DG= 8.91 dBi

**1.1.3 Mode Test Duty Cycle**

| Mode                          | DC    | DCF (dB) | T (s)  | VBW (Hz)_1/T    |
|-------------------------------|-------|----------|--------|-----------------|
| 11a_Nss 1,(6D)                | 0.993 | 0.03     | 1.981m | 10Hz (DC>=0.98) |
| 802.11be EHT20_Nss 1,(M0)     | 0.998 | 0.01     | 5.456m | 10Hz (DC>=0.98) |
| 802.11be EHT20-BF_Nss 1,(M0)  | 0.938 | 0.28     | 2.987m | 500             |
| 802.11be EHT40_Nss 1,(M0)     | 0.998 | 0.01     | 5.456m | 10Hz (DC>=0.98) |
| 802.11be EHT40-BF_Nss 1,(M0)  | 0.925 | 0.34     | 3.712m | 300             |
| 802.11be EHT80_Nss 1,(M0)     | 0.998 | 0.01     | 5.456m | 10Hz (DC>=0.98) |
| 802.11be EHT80-BF_Nss 1,(M0)  | 0.931 | 0.31     | 3.896m | 300             |
| 802.11be EHT160_Nss 1,(M0)    | 0.997 | 0.01     | 5.456m | 10Hz (DC>=0.98) |
| 802.11be EHT160-BF_Nss 1,(M0) | 0.933 | 0.3      | 3.897m | 300             |
| 802.11be EHT320_Nss 1,(M0)    | 0.997 | 0.01     | 5.459m | 10Hz (DC>=0.98) |
| 802.11be EHT320-BF_Nss 1,(M0) | 0.916 | 0.38     | 3.988m | 300             |

Note:

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

**1.1.4 EUT Operational Condition**

|                                            |                                                                                                       |                                          |                          |                             |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------|------------------------------------------|--------------------------|-----------------------------|
| <b>EUT Power Type</b>                      | From AC Adapter or PoE                                                                                |                                          |                          |                             |
| <b>Beamforming Function</b>                | <input checked="" type="checkbox"/>                                                                   | With beamforming                         | <input type="checkbox"/> | Without beamforming         |
|                                            | The product has beamforming function for n/VHT/ax/be in 2.4GHz, n/ac/ax/be in 5GHz and ax/be in 6GHz. |                                          |                          |                             |
| <b>Device Type</b>                         | <input checked="" type="checkbox"/>                                                                   | Indoor Access Point                      | <input type="checkbox"/> | Subordinate                 |
|                                            | <input type="checkbox"/>                                                                              | Indoor Client                            | <input 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 checked="" type="checkbox"/>                                                                   | Indoor                                   | <input 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>               | QSPR_x86.exe                                                                                          |                                          |                          |                             |
| <b>Software / Firmware Version for CBP</b> | v1.0.07d2-For-CBP-005                                                                                 |                                          |                          |                             |

Note: The above information was declared by manufacturer.



### 1.1.5 T Table for Multiple Listing

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

| Model Name                                                                                                   | Description                                                                                                        |
|--------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| FortiAP 231Kxxxxxxxxx                                                                                        | All three model names are the same, no difference. The purpose for these three model names is for marketing sales. |
| FAP-231Kxxxxxxxxx                                                                                            |                                                                                                                    |
| FORTIAP-231Kxxxxxxxxx                                                                                        |                                                                                                                    |
| (Where "x" can be used as "A-Z", or "0-9", or "-", or blank for software changes or marketing purposes only) |                                                                                                                    |

Note 1: From the above models, model: FAP-231K was selected as representative model for the test and its data was recorded in this report.

Note 2: 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 ISCED.                   |

| Test Condition                                                    | Test Site No. | Test Engineer | Test Environment<br>(°C / %) | Test Date                       |
|-------------------------------------------------------------------|---------------|---------------|------------------------------|---------------------------------|
| RF Conducted<br>(For other tests)                                 | TH01-CB       | Brian Sun     | 21.7~22.9 / 58~61            | Jan. 10, 2025~<br>Feb. 12, 2025 |
|                                                                   |               |               |                              | May 26, 2025                    |
| RF Radiated<br>(E.I.R.P. Power/PSD)<br>and<br>Radiated above 1GHz | 03CH02-CB     | Gordon Hung   | 22-23 / 61-63                | Jan. 10, 2025~<br>Mar. 22, 2025 |
|                                                                   | 03CH03-CB     |               | 22.2-22.6 / 59-61            |                                 |
|                                                                   | 03CH05-CB     |               | 21.9-22.4 / 60-62            |                                 |
|                                                                   | 03CH04-CB     |               | 22.7-23.8 / 58-60            |                                 |
| Radiated below 1GHz                                               | 03CH03-CB     | Gordon Hung   | 22.2-22.6 / 59-61            | Jan. 10, 2025~<br>Mar. 22, 2025 |
| AC Conduction                                                     | CO01-CB       | Tim Chen      | 22~23 / 56~57                | Jan. 09, 2025                   |
| RF Conducted<br>(Contention-Based<br>Protocol test)               | DF01-CB       | Young Yang    | 21.2~22.8 / 56~62            | Mar. 13, 2025~<br>Mar. 18, 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                           |
|--------------------------------|
| 11a_Nss1,(6Mbps)_2TX           |
| 5955MHz                        |
| 6195MHz                        |
| 6415MHz                        |
| 6435MHz                        |
| 6475MHz                        |
| 6515MHz                        |
| 6535MHz                        |
| 6695MHz                        |
| 6875MHz                        |
| 6895MHz                        |
| 6995MHz                        |
| 7095MHz                        |
| 7115MHz                        |
| 802.11be EHT20_Nss1,(MCS0)_2TX |
| 5955MHz                        |
| 6195MHz                        |
| 6415MHz                        |
| 6435MHz                        |
| 6475MHz                        |
| 6515MHz                        |
| 6535MHz                        |
| 6695MHz                        |
| 6875MHz                        |
| 6895MHz                        |
| 6995MHz                        |
| 7095MHz                        |
| 7115MHz                        |
| 802.11be EHT40_Nss1,(MCS0)_2TX |
| 5965MHz                        |
| 6205MHz                        |
| 6405MHz                        |
| 6445MHz                        |
| 6485MHz                        |
| 6525MHz                        |
| 6565MHz                        |
| 6685MHz                        |
| 6885MHz                        |
| 6925MHz                        |
| 7005MHz                        |
| 7085MHz                        |
| 802.11be EHT80_Nss1,(MCS0)_2TX |



|                                   |
|-----------------------------------|
| 5985MHz                           |
| 6225MHz                           |
| 6385MHz                           |
| 6465MHz                           |
| 6545MHz                           |
| 6625MHz                           |
| 6705MHz                           |
| 6785MHz                           |
| 6865MHz                           |
| 6945MHz                           |
| 7025MHz                           |
| 802.11be EHT160_Nss1,(MCS0)_2TX   |
| 6025MHz                           |
| 6185MHz                           |
| 6345MHz                           |
| 6505MHz                           |
| 6665MHz                           |
| 6825MHz                           |
| 6985MHz                           |
| 802.11be EHT320_Nss1,(MCS0)_2TX   |
| 6105MHz                           |
| 6265MHz                           |
| 6425MHz                           |
| 6585MHz                           |
| 6745MHz                           |
| 6905MHz                           |
| 802.11be EHT20-BF_Nss1,(MCS0)_2TX |
| 5955MHz                           |
| 6195MHz                           |
| 6415MHz                           |
| 6435MHz                           |
| 6475MHz                           |
| 6515MHz                           |
| 6535MHz                           |
| 6695MHz                           |
| 6875MHz                           |
| 6895MHz                           |
| 6995MHz                           |
| 7095MHz                           |
| 7115MHz                           |
| 802.11be EHT40-BF_Nss1,(MCS0)_2TX |
| 5965MHz                           |
| 6205MHz                           |
| 6405MHz                           |
| 6445MHz                           |
| 6485MHz                           |
| 6525MHz                           |
| 6565MHz                           |
| 6685MHz                           |



|                                    |
|------------------------------------|
| 6885MHz                            |
| 6925MHz                            |
| 7005MHz                            |
| 7085MHz                            |
| 802.11be EHT80-BF_Nss1,(MCS0)_2TX  |
| 5985MHz                            |
| 6225MHz                            |
| 6385MHz                            |
| 6465MHz                            |
| 6545MHz                            |
| 6625MHz                            |
| 6705MHz                            |
| 6785MHz                            |
| 6865MHz                            |
| 6945MHz                            |
| 7025MHz                            |
| 802.11be EHT160-BF_Nss1,(MCS0)_2TX |
| 6025MHz                            |
| 6185MHz                            |
| 6345MHz                            |
| 6505MHz                            |
| 6665MHz                            |
| 6825MHz                            |
| 6985MHz                            |
| 802.11be EHT320-BF_Nss1,(MCS0)_2TX |
| 6105MHz                            |
| 6265MHz                            |
| 6425MHz                            |
| 6585MHz                            |
| 6745MHz                            |
| 6905MHz                            |

**Note:**

- ♦ Evaluated EHT20/EHT40/EHT80/EHT160 mode only, due to similar modulation. The power setting of HEW20/HEW40/HEW80/HEW160 mode are the same or lower than EHT20/EHT40/EHT80/EHT160.

## 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<br>Test Voltage: 120Vac / 60Hz |
| <b>Operating Mode</b>                                                                                                       | Normal Link                                                                             |
| 1                                                                                                                           | EUT Normal Link + WLAN 2.4GHz, 5GHz, 6GHz + GPS + Bluetooth + Adapter                   |
| 2                                                                                                                           | EUT Normal Link + WLAN 2.4GHz, 5GHz, 6GHz + GPS + Zigbee + Adapter                      |
| Mode 2 has been evaluated to be the worst case among Mode 1~2, thus measurement for Mode 3 will follow this same test mode. |                                                                                         |
| 3                                                                                                                           | EUT Normal Link + WLAN 2.4GHz, 5GHz, 6GHz + GPS + Zigbee + PoE                          |
| For operating mode 3 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<br>Contention Based Protocol |
| <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.)<br>Peak Power Spectral Density (E.I.R.P.)                                                                                                                                                |
| <b>Test Condition</b>                                                                                              | Radiated measurement<br>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 the measurement will follow this same test configuration. |                                                                                                                                                                                                                                                     |
| 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<br>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 the measurement will follow this same test configuration.                                                                                                                                  |
| 1                                                                                                                           | EUT in Y axis + WLAN 2.4GHz + Adapter                                                                                                                                                                                                               |
| 2                                                                                                                           | EUT in Y axis + WLAN 5GHz + Adapter                                                                                                                                                                                                                 |
| 3                                                                                                                           | EUT in Y axis + WLAN 6GHz + Adapter                                                                                                                                                                                                                 |
| 4                                                                                                                           | EUT in Y axis + Bluetooth + Adapter                                                                                                                                                                                                                 |
| 5                                                                                                                           | EUT in Y axis + Zigbee + Adapter                                                                                                                                                                                                                    |
| Mode 1 has been evaluated to be the worst case among Mode 1~5, thus measurement for Mode 6 will follow this same test mode. |                                                                                                                                                                                                                                                     |
| 6                                                                                                                           | EUT in Y axis + WLAN 2.4GHz + PoE                                                                                                                                                                                                                   |
| For operating mode 1 is the worst case and it was record in this test report.                                               |                                                                                                                                                                                                                                                     |
| <b>Operating Mode &gt; 1GHz</b>                                                                                             | CTX                                                                                                                                                                                                                                                 |
| 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 |



| The Worst Case Mode for Following Conformance Tests                                |                                                                         |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| <b>Tests Item</b>                                                                  | Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation |
| <b>Operating Mode</b>                                                              |                                                                         |
| 1                                                                                  | WLAN 2.4GHz+WLAN 5GHz+WLAN 6GHz+Bluetooth                               |
| 2                                                                                  | WLAN 2.4GHz+WLAN 5GHz+WLAN 6GHz+Zigbee                                  |
| Refer to Sporton Test Report No.: FA4D2406 for Co-location RF Exposure Evaluation. |                                                                         |

Note1: The PoE and Adapter are for measurement only, would not be marketed. PoE and Adapter information as below:

| Power   | Brand     | Model           |
|---------|-----------|-----------------|
| PoE     | Microsemi | PD-9501-10GC/AC |
| Adapter | APD       | WA-48A12R       |

Note2: The end user can't use the console port.

## 2.3 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

For Normal Link:

During the test, the EUT operation to normal function.

## 2.4 Accessories

Wall Bracket\*1



## 2.5 Support Equipment

For AC Conduction:

| Support Equipment |                  |             |                 |               |
|-------------------|------------------|-------------|-----------------|---------------|
| No.               | Equipment        | Brand Name  | Model Name      | FCC ID        |
| A                 | LAN PC           | ASUS        | S300TA          | TX2-RTL8821CE |
| B                 | 2.4G NB          | DELL        | E6430           | N/A           |
| C                 | 5G NB            | DELL        | E6220           | N/A           |
| D                 | 6G module        | MTK         | MT7927          | N/A           |
| E                 | 6G NB            | DELL        | E6400           | N/A           |
| F                 | GPS Simulator    | WELNAVIGATE | GS-100          | N/A           |
| G                 | Zigbee Device    | FORTINET    | FAP-231K        | TVE-241003    |
| H                 | Zigbee Device PC | ASUS        | S300TA          | TX2-RTL8821CE |
| I                 | PoE              | Microsemi   | PD-9501-10GC/AC | N/A           |

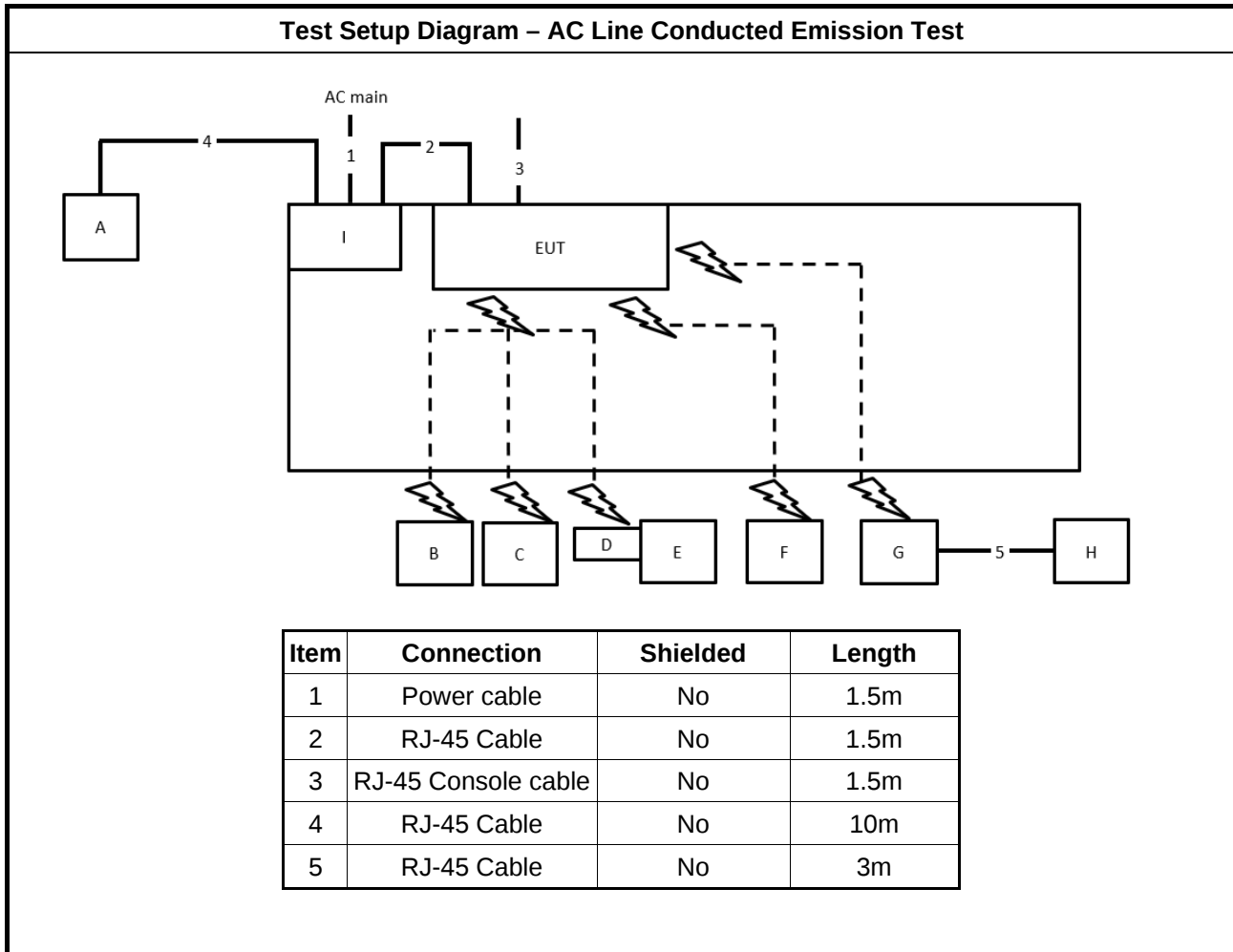
For Radiated, RF Radiated (Maximum Equivalent Isotropically Radiated Power (E.I.R.P.), Peak Power Spectral Density (E.I.R.P.) and RF Conducted:

| Support Equipment |            |            |            |        |
|-------------------|------------|------------|------------|--------|
| No.               | Equipment  | Brand Name | Model Name | FCC ID |
| A                 | Notebook   | DELL       | E4300      | N/A    |
| B                 | AC Adapter | APD        | WA-48A12R  | N/A    |

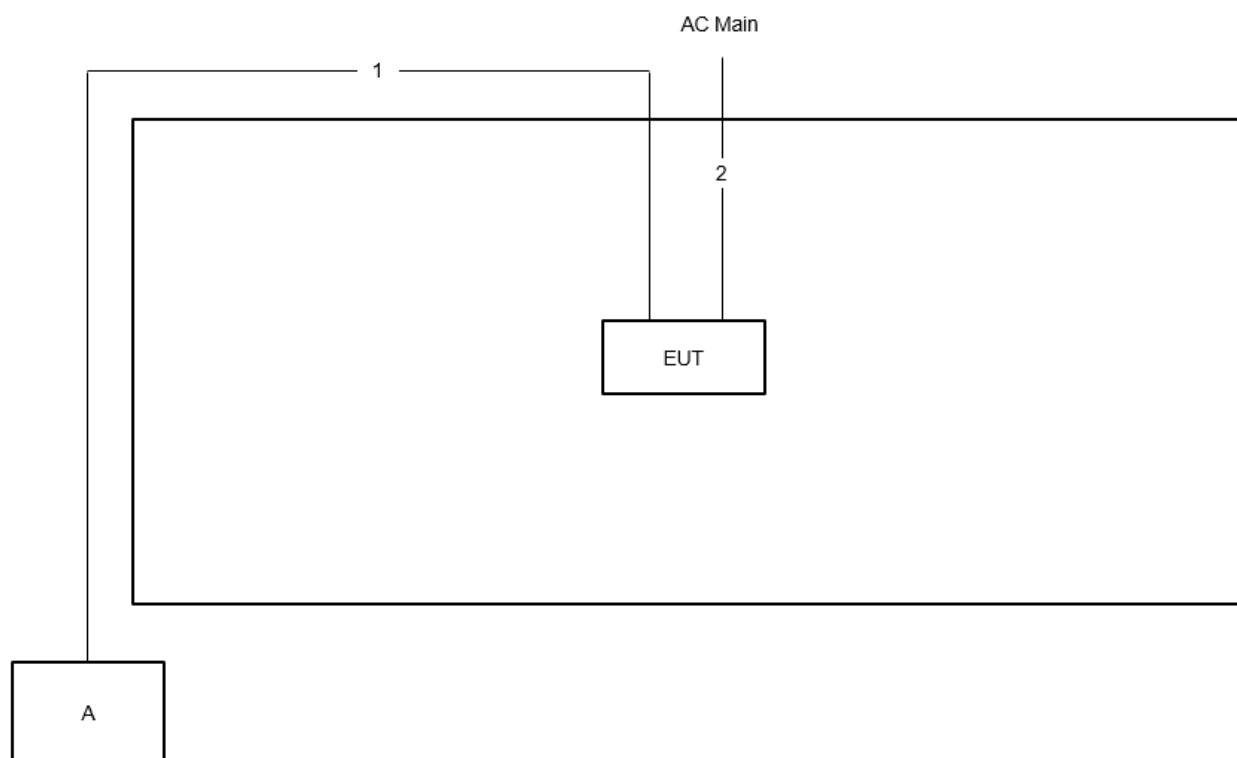
For RF Conducted (Contention Based Protocol test):

| Support Equipment |             |               |            |            |
|-------------------|-------------|---------------|------------|------------|
| No.               | Equipment   | Brand Name    | Model Name | FCC ID     |
| A                 | Notebook    | DELL          | E6230      | N/A        |
| B                 | Notebook    | Lenovo        | L440       | N/A        |
| C                 | WLAN module | MediaTek Inc. | MT7927     | RAS-MT7927 |
| D                 | Adapter     | APD           | WA-48A12R  | N/A        |

## 2.6 Test Setup Diagram



**Test Setup Diagram - Radiated Test**



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

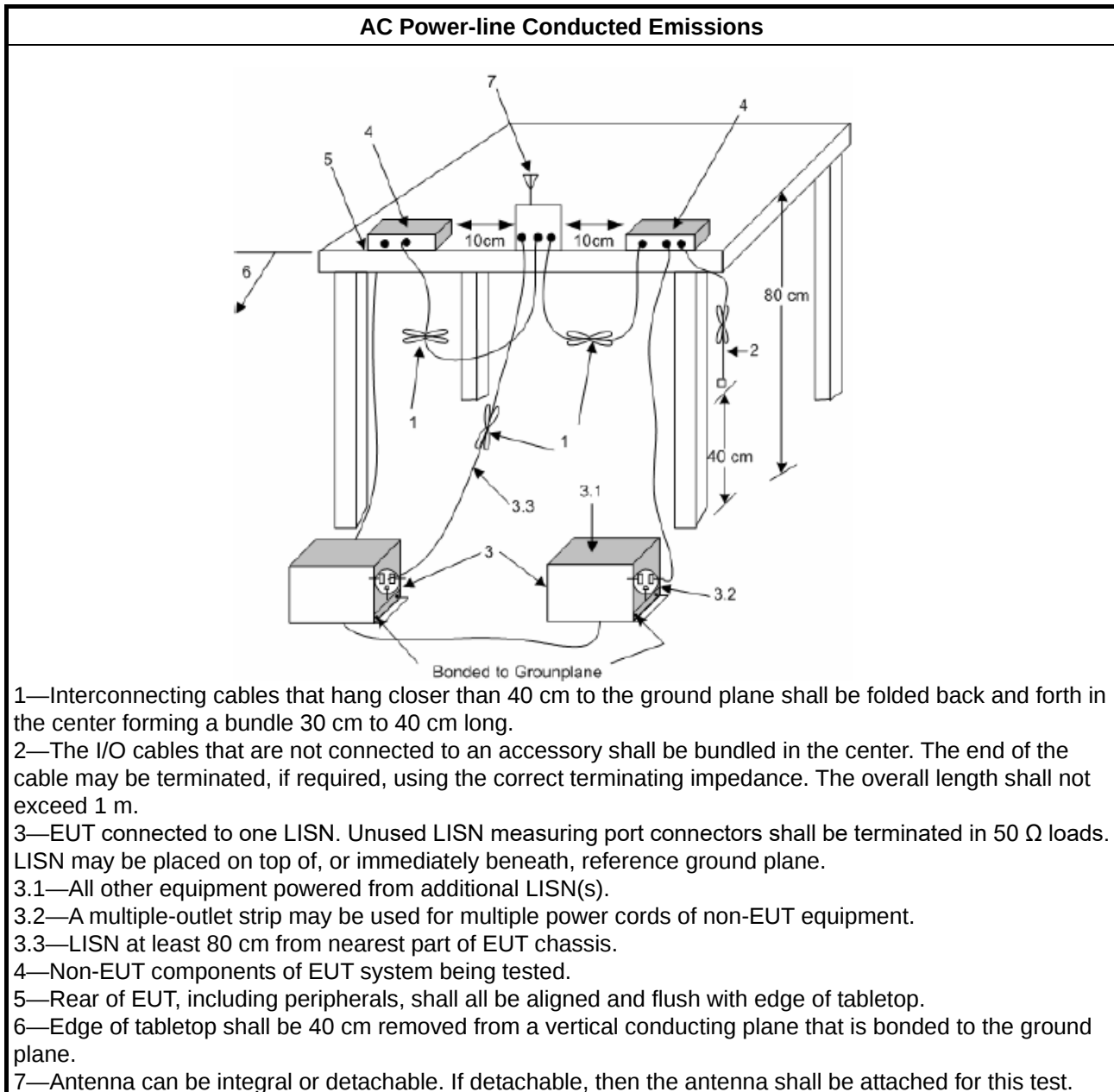
##### 3.1.2 Measuring Instruments

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



### 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, N/A |
| <input checked="" type="checkbox"/> | For the 6425-6525 GHz band, N/A |
| <input checked="" type="checkbox"/> | For the 6525-6875 GHz band, N/A |
| <input checked="" type="checkbox"/> | For the 6875-7125 GHz band, N/A |
| <b>RLAN Devices</b>                 |                                 |
| <input type="checkbox"/>            | For the 5925-6425 GHz band, N/A |
| <input type="checkbox"/>            | For the 6425-6525 GHz band, N/A |
| <input type="checkbox"/>            | For the 6525-6875 GHz band, N/A |
| <input type="checkbox"/>            | For the 6875-7125 GHz band, N/A |

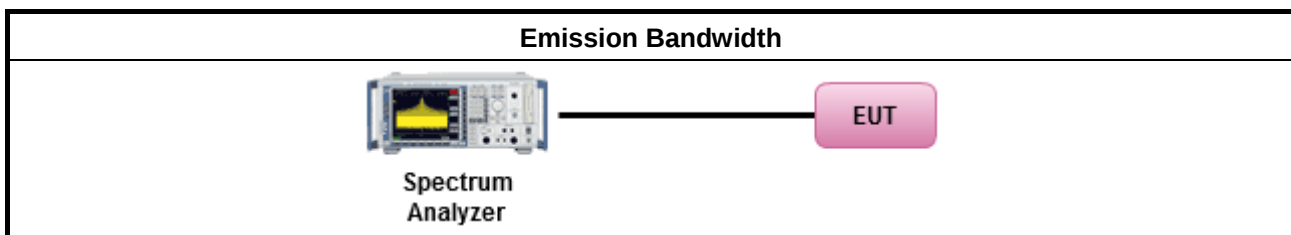
### 3.2.2 Measuring Instruments

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

### 3.2.3 Test Procedures

| Test Method                                                                                                                    |                                                                                                                                                          |
|--------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>For the emission bandwidth shall be measured using one of the options below:</li> </ul> |                                                                                                                                                          |
| <input checked="" type="checkbox"/>                                                                                            | 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

Note: The 99% OBW of BW320 should be less than 320 MHz of limit, and the other BWs less than 320 MHz of limit are 26 dB EBW.



### 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 checked="" 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 checked="" 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 checked="" 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.                                                                                                                                                     |



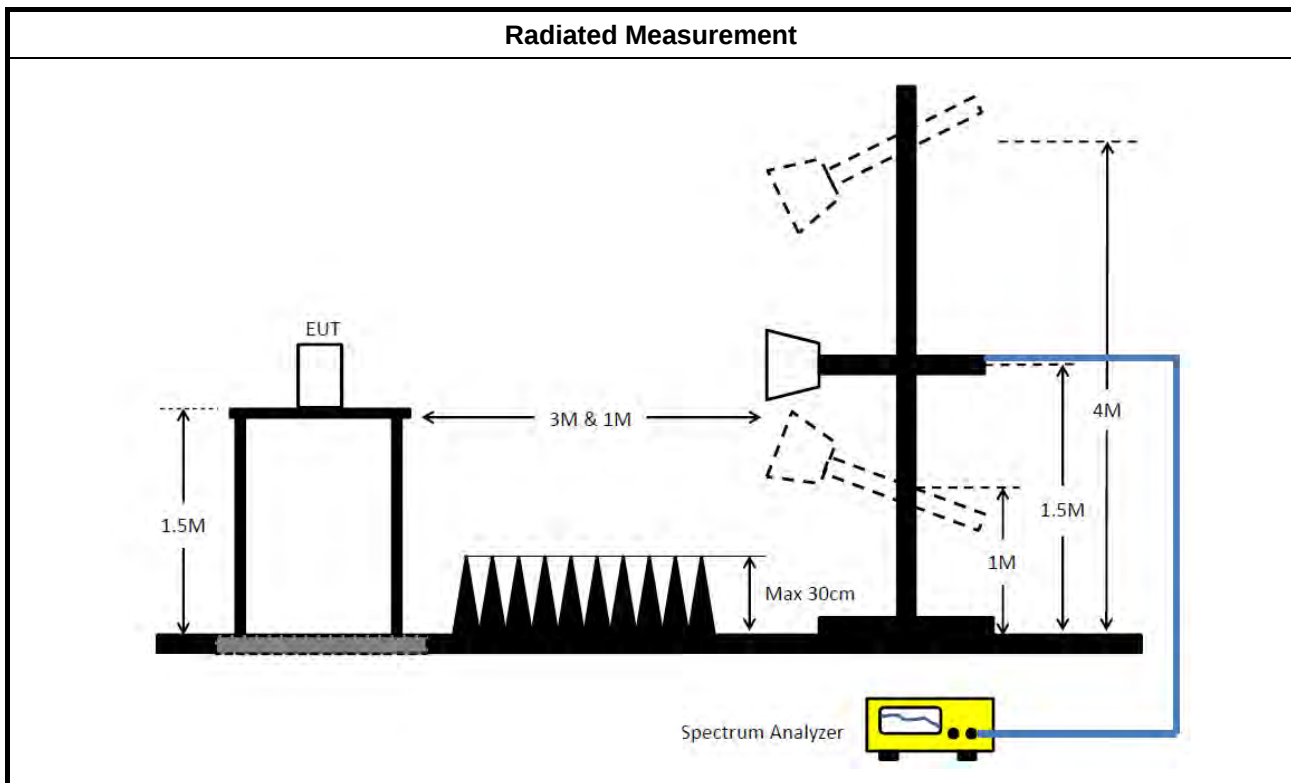
### 3.3.2 Measuring Instruments

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> |                                                                                                                                                                                                                                                                                                                                                                      |
| <input type="checkbox"/>                                                                                                                               | 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).<br>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"/>                                                                                                                               | <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.                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                      |
| <input type="checkbox"/>                                                                                                                               | <ul style="list-style-type: none"><li>If the EUT supports multiple transmit chains using options given below:<br/>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:<br/><math>P_{total} = P_1 + P_2 + \dots + P_n</math><br/>(calculated in linear unit [mW] and transfer to log unit [dBm])<br/><math>EIRP_{total} = P_{total} + DG</math></li></ul>                                                                 |
| <input checked="" type="checkbox"/> For radiated measurement.                                                                                          |                                                                                                                                                                                                                                                                                                                                                                      |
| <input type="checkbox"/>                                                                                                                               | <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 checked="" 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 checked="" 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 checked="" 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

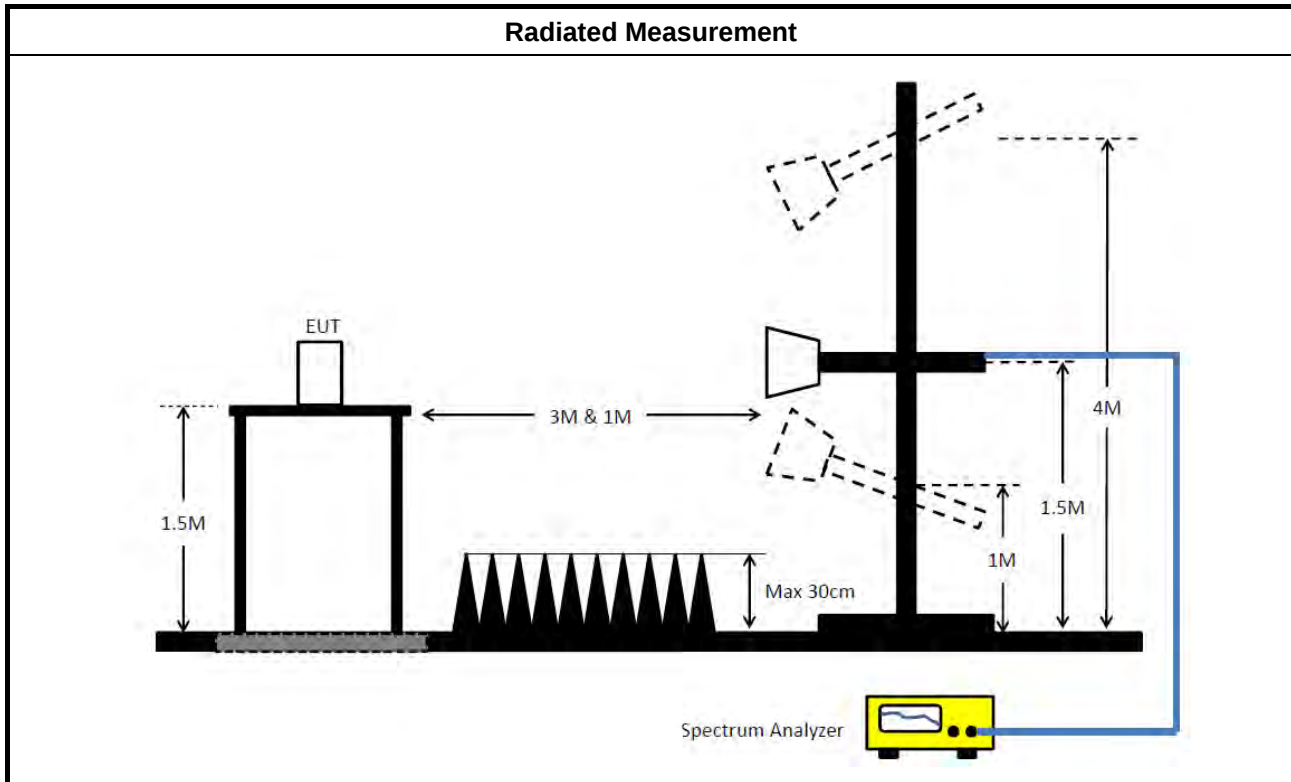
Refer a test equipment and calibration data table in this test report.

**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:<br/><math display="block">PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n</math><br/>(calculated in linear unit [mW] and transfer to log unit [dBm])<br/><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

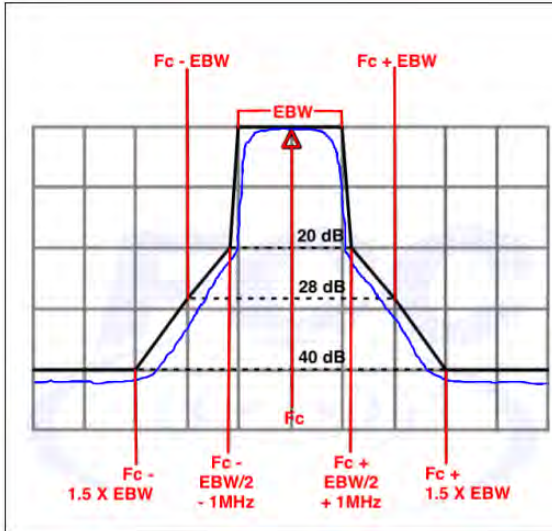
| Unwanted emissions below 1 GHz and restricted band emissions above 1GHz limit |                       |                         |                      |
|-------------------------------------------------------------------------------|-----------------------|-------------------------|----------------------|
| 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) = 54dBuV/m at 3m + 9.54dB = 63.54 dBuV/m at 1m.

| Un-restricted band emissions above 1GHz Limit |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Frequency                                     | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Any outside the 5.945 – 7.125 GHz emission    | <p>e.i.r.p. -27 dBm [68.2 dBuV/m@3m]</p> <p>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(<math>20 \times \log(\text{standard distance}/\text{test distance}) = 20\log(3/1) = 9.54\text{dB}</math>.<br/>EX. Above 18GHz emission limit calculation (3m to 1m) = <math>68.2\text{dBuV/m at } 3\text{m} + 9.54\text{dB} = 77.74\text{ dBuV/m at } 1\text{m}</math>.</p> <p>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.</p> |

| Frequency         | Emission MASK Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5.945 – 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>  |



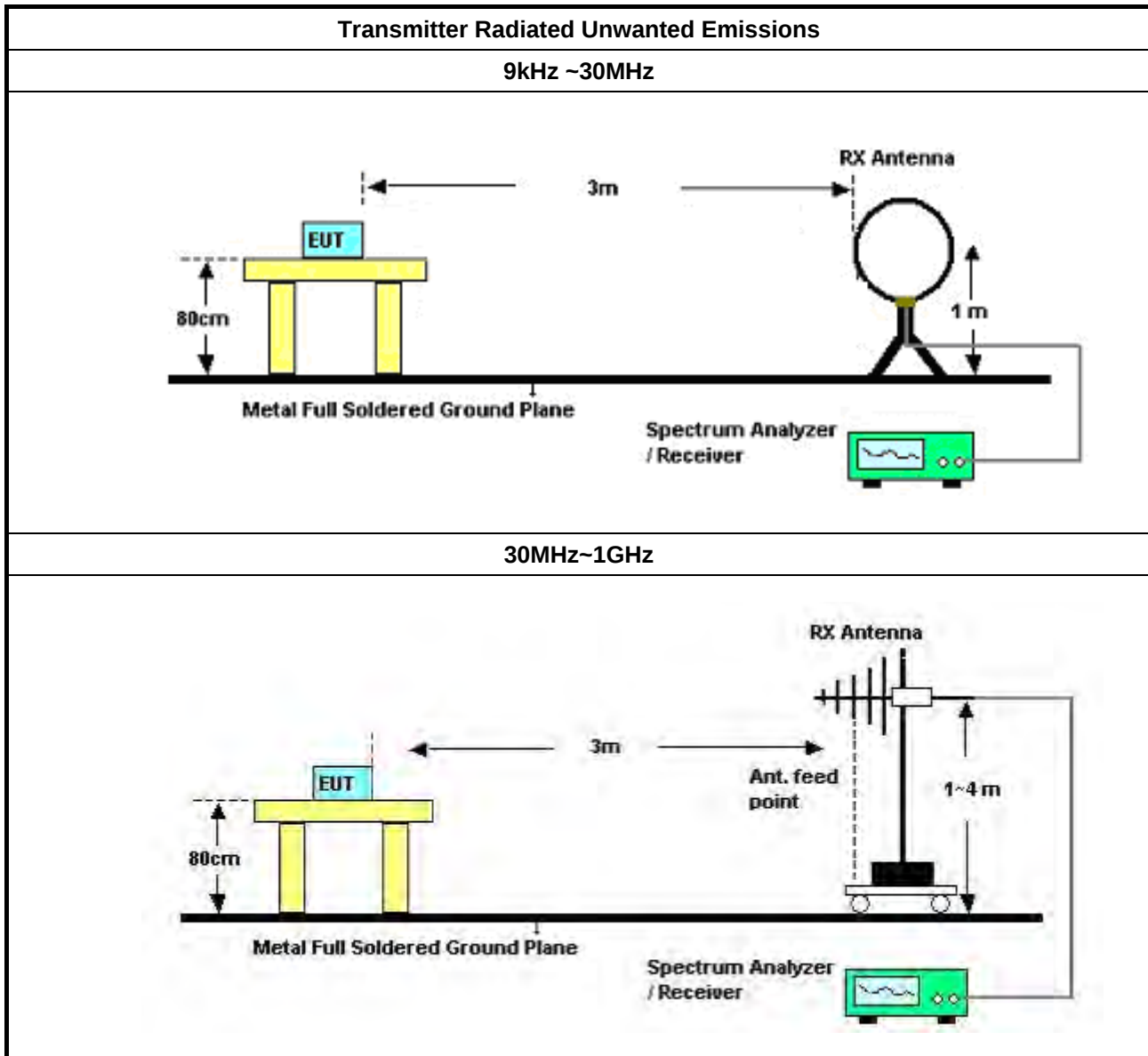
### 3.5.2 Measuring Instruments

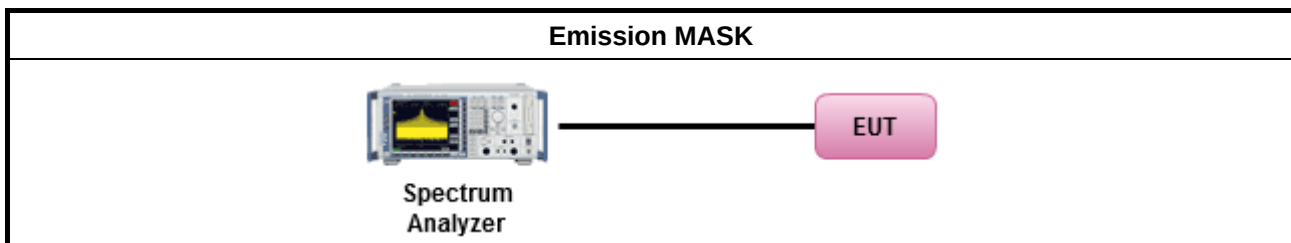
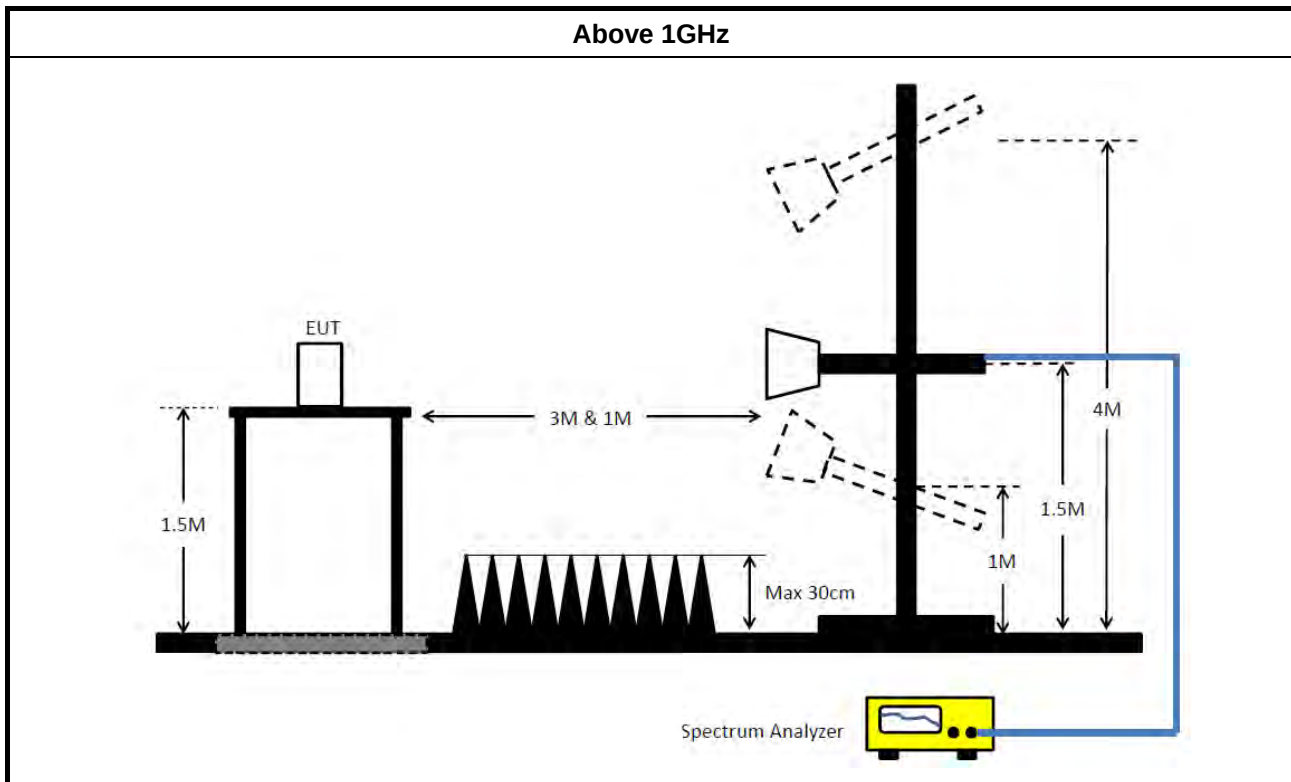
Refer a test equipment and calibration data table in this test report.

### 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).<br/>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).<br>(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) - Preamp 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

### 3.6 Contention Based Protocol

#### 3.6.1 Contention Based Protocol Limit

EUT can detect an AWGN signal with 90% (or better) level of certainty.

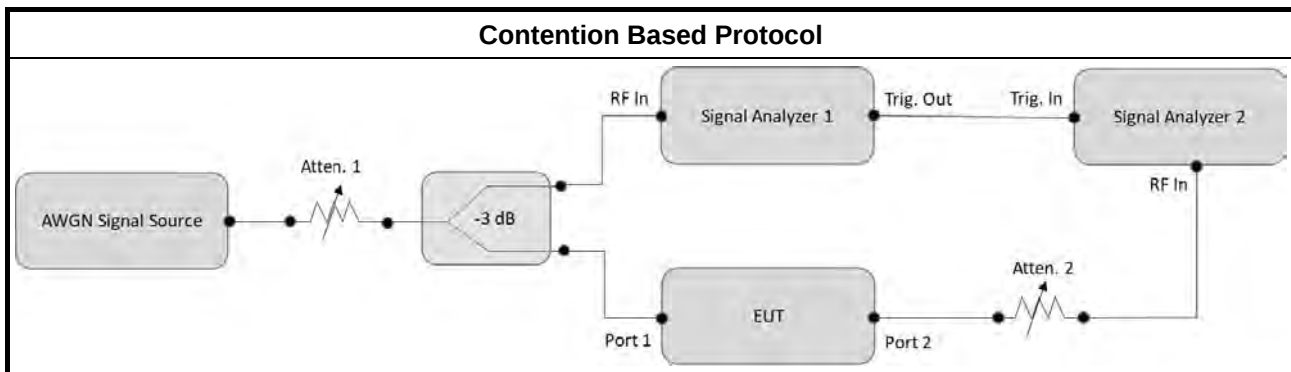
#### 3.6.2 Measuring Instruments

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

#### 3.6.3 Test Procedures

| Test Method                         |                                                                                |
|-------------------------------------|--------------------------------------------------------------------------------|
| ■                                   | For Contention Based Protocol shall be measured using following options below: |
| <input checked="" type="checkbox"/> | Refer as FCC KDB 987594 D02, I) Contention Based Protocol.                     |

#### 3.6.4 Test Setup



#### 3.6.5 Test Result of Contention Based Protocol

Refer as Appendix F



## 4 Test Equipment and Calibration Data

| Instrument                        | Brand            | Model No.        | Serial No.       | Characteristics | Calibration Date | Calibration Due Date | Remark                |
|-----------------------------------|------------------|------------------|------------------|-----------------|------------------|----------------------|-----------------------|
| EMI Receiver                      | Agilent          | N9038A           | My52260123       | 9kHz ~ 8.4GHz   | Mar. 01, 2024    | Feb. 28, 2025        | Conduction (CO01-CB)  |
| LISN                              | F.C.C.           | FCC-LISN-50-16-2 | 04083            | 150kHz ~ 100MHz | Feb. 19, 2024    | Feb. 18, 2025        | Conduction (CO01-CB)  |
| LISN                              | Schwarzbeck      | NSLK 8127        | 8127647          | 9kHz ~ 30MHz    | Apr. 24, 2024    | Apr. 23, 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. 18, 2024    | Jan. 17, 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 & EMCI | CBL6112B& N-6-06 | 2888&AT-N0605    | 30MHz ~ 1GHz    | Jan. 18, 2024    | Jan. 17, 2025        | Radiation (03CH03-CB) |
| Bilog Antenna with 6dB Attenuator | Schaffner & EMCI | CBL6112B& N-6-06 | 2888&AT-N0605    | 30MHz ~ 1GHz    | Jan. 17, 2025    | Jan. 16, 2026        | Radiation (03CH03-CB) |
| Horn Antenna                      | SCHWARZBECK      | BBHA 9120 D      | BBHA 9120 D 1370 | 1GHz~18GHz      | Jul. 11, 2024    | Jul. 10, 2025        | Radiation (03CH03-CB) |
| Horn Antenna                      | Schwarzbeck      | BBHA 9170        | BBHA9170252      | 15GHz ~ 40GHz   | Sep. 23, 2024    | Sep. 22, 2025        | Radiation (03CH03-CB) |
| Amplifier                         | SGH              | SGH301           | 20240606-1       | 30MHz ~ 1GHz    | Jun. 04, 2024    | Jun. 03, 2025        | Radiation (03CH03-CB) |
| Pre-Amplifier                     | Agilent          | 8449B            | 3008A02097       | 1GHz ~ 26.5GHz  | Jun. 29, 2024    | Jun. 28, 2025        | Radiation (03CH03-CB) |
| Pre-Amplifier                     | SGH              | SGH184           | 20221107-3       | 18GHz ~ 40GHz   | Nov. 25, 2024    | Nov. 24, 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) |
| RF Cable-high                     | Woken            | RG402            | High Cable-20+29 | 1GHz ~ 18GHz    | Oct. 01, 2024    | Sep. 30, 2025        | Radiation (03CH03-CB) |
| RF Cable-high                     | Woken            | RG402            | High Cable-29    | 1GHz ~ 18GHz    | Oct. 01, 2024    | Sep. 30, 2025        | Radiation (03CH03-CB) |



| Instrument                    | Brand       | Model No.        | Serial No.       | Characteristics   | Calibration Date | Calibration Due Date | Remark                |
|-------------------------------|-------------|------------------|------------------|-------------------|------------------|----------------------|-----------------------|
| High Cable                    | Woken       | WCA0929M         | 40G#5+6          | 1GHz ~ 40 GHz     | Oct. 01, 2024    | Sep. 30, 2025        | Radiation (03CH03-CB) |
| Band Rejector                 | MTJ         | 6G Band Rejector | BRJ-01           | 1GHz ~ 7.4GHz     | Oct. 02, 2024    | Oct. 01, 2025        | Radiation (03CH03-CB) |
| Band Rejector                 | MTJ         | 6G Band Rejector | BRJ-02           | 1GHz ~ 8GHz       | Oct. 02, 2024    | Oct. 01, 2025        | Radiation (03CH03-CB) |
| Test Software                 | SPORTON     | SENSE-EMI        | V5.11.8          | 30MHz-40GHz       | N.C.R.           | N.C.R.               | Radiation (03CH03-CB) |
| Test Software                 | SPORTON     | SENSE-15407_NII  | V5.11. 23        | 5.15GHz-7.115 GHz | N.C.R.           | N.C.R.               | Radiation (03CH03-CB) |
| 3m Semi Anechoic Chamber VSWR | RIKEN       | SAC-3M           | 03CH02-CB        | 1GHz ~18GHz       | Mar. 24, 2024    | Mar. 23, 2025        | Radiation (03CH02-CB) |
| Horn Antenna                  | EMCO        | 3115             | 9610-4976        | 1GHz ~ 18GHz      | Apr. 12, 2024    | Apr. 11, 2025        | Radiation (03CH02-CB) |
| Horn Antenna                  | Schwarzbeck | BBHA 9170        | BBHA9170252      | 15GHz ~ 40GHz     | Sep. 23, 2024    | Sep. 22, 2025        | Radiation (03CH02-CB) |
| Pre-Amplifier                 | Agilent     | 83017A           | MY39501305       | 1GHz ~ 26.5GHz    | Jun. 29, 2024    | Jun. 28, 2025        | Radiation (03CH02-CB) |
| Pre-Amplifier                 | SGH         | SGH184           | 20221107-3       | 18GHz ~ 40GHz     | Nov. 25, 2024    | Nov. 24, 2025        | Radiation (03CH02-CB) |
| Signal Analyzer               | R&S         | FSV3044          | 101536           | 10kHz ~ 44GHz     | Aug. 14, 2024    | Aug. 13, 2025        | Radiation (03CH02-CB) |
| RF Cable-high                 | Woken       | RG402            | High Cable-18    | 1GHz ~ 18GHz      | Jun. 20, 2024    | Jun. 19, 2025        | Radiation (03CH02-CB) |
| High Cable                    | Woken       | WCA0929M         | 40G#5+6          | 1GHz ~ 40 GHz     | Oct. 01, 2024    | Sep. 30, 2025        | Radiation (03CH02-CB) |
| Band Rejector                 | MTJ         | 6G Band Rejector | BRJ-01           | 1GHz ~ 7.4GHz     | Oct. 02, 2024    | Oct. 01, 2025        | Radiation (03CH02-CB) |
| Band Rejector                 | MTJ         | 6G Band Rejector | BRJ-02           | 1GHz ~ 8GHz       | Oct. 02, 2024    | Oct. 01, 2025        | Radiation (03CH02-CB) |
| Test Software                 | SPORTON     | SENSE-15407_NII  | V5.11. 23        | 5.15GHz-7.115 GHz | N.C.R.           | N.C.R.               | Radiation (03CH02-CB) |
| 3m Semi Anechoic Chamber VSWR | TDK         | SAC-3M           | 03CH04-CB        | 1GHz ~18GHz 3m    | Feb. 22, 2024    | Feb. 21, 2025        | Radiation (03CH04-CB) |
| 3m Semi Anechoic Chamber VSWR | TDK         | SAC-3M           | 03CH04-CB        | 1GHz ~18GHz 3m    | Feb. 21, 2025    | Feb. 20, 2026        | Radiation (03CH04-CB) |
| Horn Antenna                  | SCHWARZBECK | BBHA 9120 D      | BBHA 9120D-01816 | 1GHz~18GHz        | Dec. 20, 2024    | Dec. 19, 2025        | Radiation (03CH04-CB) |
| Horn Antenna                  | Schwarzbeck | BBHA 9170        | BBHA9170252      | 15GHz ~ 40GHz     | Sep. 23, 2024    | Sep. 22, 2025        | Radiation (03CH04-CB) |
| Pre-Amplifier                 | SGH         | SGH5265          | 20211115-1       | 1~ 26.5GHz        | Jan. 17, 2024    | Jan. 16, 2025        | Radiation (03CH04-CB) |



| Instrument                    | Brand       | Model No.        | Serial No.       | Characteristics   | Calibration Date | Calibration Due Date | Remark                |
|-------------------------------|-------------|------------------|------------------|-------------------|------------------|----------------------|-----------------------|
| Pre-Amplifier                 | SGH         | SGH5265          | 20211115-1       | 1~ 26.5GHz        | Jan. 16, 2025    | Jan. 15, 2026        | Radiation (03CH04-CB) |
| Pre-Amplifier                 | SGH         | SGH184           | 20221107-3       | 18GHz ~ 40GHz     | Nov. 25, 2024    | Nov. 24, 2025        | Radiation (03CH04-CB) |
| Signal Analyzer               | R&S         | FSV40            | 101904           | 9kHz ~ 40GHz      | Apr. 26, 2024    | Apr. 25, 2025        | Radiation (03CH04-CB) |
| RF Cable-high                 | Woken       | RG402            | High Cable-21    | 1GHz - 18GHz      | Oct. 01, 2024    | Sep. 30, 2025        | Radiation (03CH04-CB) |
| RF Cable-high                 | Woken       | RG402            | High Cable-21+67 | 1GHz - 18GHz      | Oct. 01, 2024    | Sep. 30, 2025        | Radiation (03CH04-CB) |
| High Cable                    | Woken       | WCA0929M         | 40G#5+6          | 1GHz ~ 40 GHz     | Oct. 01, 2024    | Sep. 30, 2025        | Radiation (03CH04-CB) |
| Band Rejector                 | MTJ         | 6G Band Rejector | BRJ-01           | 1GHz ~ 7.4GHz     | Oct. 02, 2024    | Oct. 01, 2025        | Radiation (03CH04-CB) |
| Band Rejector                 | MTJ         | 6G Band Rejector | BRJ-02           | 1GHz ~ 8GHz       | Oct. 02, 2024    | Oct. 01, 2025        | Radiation (03CH04-CB) |
| Test Software                 | SPORTON     | SENSE-15407_NII  | V5.11. 23        | 5.15GHz-7.115 GHz | N.C.R.           | N.C.R.               | Radiation (03CH04-CB) |
| 3m Semi Anechoic Chamber VSWR | TDK         | SAC-3M           | 03CH05-CB        | 1GHz ~18GHz 3m    | Sep. 28, 2024    | Sep. 27, 2025        | Radiation (03CH05-CB) |
| Horn Antenna                  | SCHWARZBECK | BBHA9120D        | BBHA 9120 D-1291 | 1GHz~18GHz        | Jun. 20, 2024    | Jun. 19, 2025        | Radiation (03CH05-CB) |
| Horn Antenna                  | Schwarzbeck | BBHA 9170        | BBHA9170252      | 15GHz ~ 40GHz     | Sep. 23, 2024    | Sep. 22, 2025        | Radiation (03CH05-CB) |
| Pre-Amplifier                 | EMCI        | EMC12630SE       | 980287           | 1GHz ~ 26.5GHz    | Jun. 29, 2024    | Jun. 28, 2025        | Radiation (03CH05-CB) |
| Pre-Amplifier                 | SGH         | SGH184           | 20221107-3       | 18GHz ~ 40GHz     | Nov. 25, 2024    | Nov. 24, 2025        | Radiation (03CH05-CB) |
| Spectrum Analyzer             | R&S         | FSP40            | 100304           | 9kHz ~ 40GHz      | Apr. 17, 2024    | Apr. 16, 2025        | Radiation (03CH05-CB) |
| RF Cable-high                 | Woken       | RG402            | High Cable-28    | 1GHz~18GHz        | Oct. 01, 2024    | Sep. 30, 2025        | Radiation (03CH05-CB) |
| RF Cable-high                 | Woken       | RG402            | High Cable-04+28 | 1GHz~18GHz        | Oct. 01, 2024    | Sep. 30, 2025        | Radiation (03CH05-CB) |
| High Cable                    | Woken       | WCA0929M         | 40G#5+6          | 1GHz ~ 40 GHz     | Oct. 01, 2024    | Sep. 30, 2025        | Radiation (03CH05-CB) |
| Band Rejector                 | MTJ         | 6G Band Rejector | BRJ-01           | 1GHz ~ 7.4GHz     | Oct. 02, 2024    | Oct. 01, 2025        | Radiation (03CH05-CB) |
| Band Rejector                 | MTJ         | 6G Band Rejector | BRJ-02           | 1GHz ~ 8GHz       | Oct. 02, 2024    | Oct. 01, 2025        | Radiation (03CH05-CB) |
| Test Software                 | SPORTON     | SENSE-15407_NII  | V5.11. 23        | 5.15GHz-7.115 GHz | N.C.R.           | N.C.R.               | Radiation (03CH05-CB) |
| Spectrum analyzer             | R&S         | FSV40            | 100979           | 9kHz~40GHz        | May 27, 2024     | May 26, 2025         | Conducted (TH01-CB)   |
| Switch                        | SPTCB       | SP-SWI           | SWI-01           | 1~18 GHz          | Oct. 02, 2024    | Oct. 01, 2025        | Conducted (TH01-CB)   |



| Instrument              | Brand   | Model No.       | Serial No.    | Characteristics   | Calibration Date | Calibration Due Date | Remark              |
|-------------------------|---------|-----------------|---------------|-------------------|------------------|----------------------|---------------------|
| 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) |
| 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-15407_NII | V5.11. 23     | 5.15GHz-7.115 GHz | N.C.R.           | N.C.R.               | Conducted (TH01-CB) |
| Spectrum Analyzer       | R&S     | FSV40           | 101026        | 9kHz~40GHz        | Nov. 26, 2024    | Nov. 25, 2025        | Conducted (DF01-CB) |
| Signal generator        | R&S     | SMB100A         | 177785        | 1MHz-40GHz        | Sep. 23, 2024    | Sep. 22, 2025        | Conducted (DF01-CB) |
| Vector Signal generator | R&S     | SMW200A         | 109426        | 100kHz-7.5GHz     | Jan. 14, 2025    | Jan. 13, 2026        | Conducted (DF01-CB) |
| RF Power Divider        | Titan   | 2 Way           | DV-8G -09     | 2GHz ~ 8GHz       | Oct. 02, 2024    | Oct. 01, 2025        | Conducted (DF01-CB) |
| RF Power Divider        | Titan   | 2 Way           | DV-8G -10     | 2GHz ~ 8GHz       | Oct. 02, 2024    | Oct. 01, 2025        | Conducted (DF01-CB) |
| RF Cable-high           | Woken   | RG402           | High Cable-52 | 1 GHz –18 GHz     | Oct. 01, 2024    | Sep. 30, 2025        | Conducted (DF01-CB) |
| RF Cable-high           | Woken   | RG402           | High Cable-53 | 1 GHz –18 GHz     | Oct. 01, 2024    | Sep. 30, 2025        | Conducted (DF01-CB) |
| RF Cable-high           | Woken   | RG402           | High Cable-54 | 1 GHz –18 GHz     | Oct. 01, 2024    | Sep. 30, 2025        | Conducted (DF01-CB) |
| RF Cable-high           | Woken   | RG402           | High Cable-56 | 1 GHz –18 GHz     | Oct. 01, 2024    | Sep. 30, 2025        | Conducted (DF01-CB) |

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

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



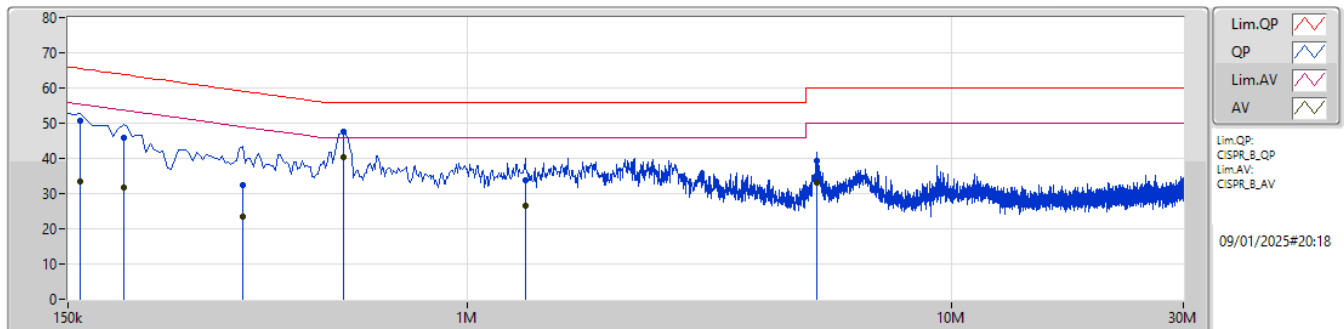
## Conducted Emissions at Powerline

## Appendix A

### Summary

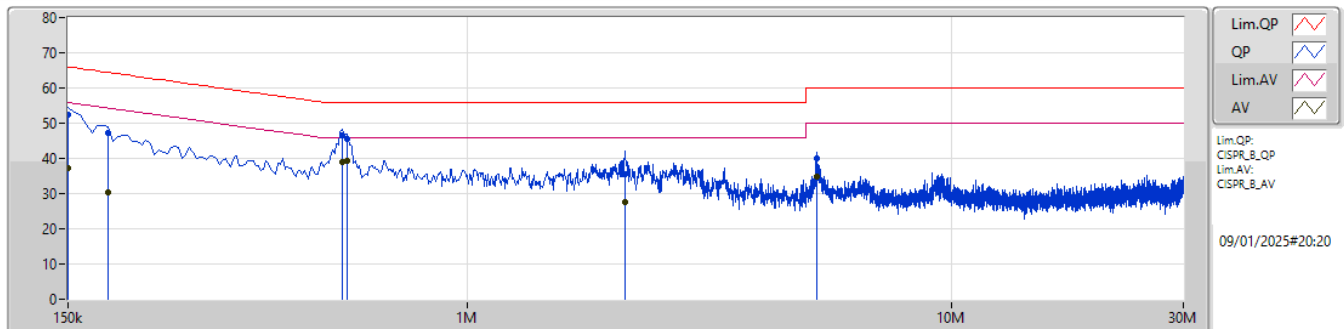
| Mode   | Result | Type | Freq<br>(Hz) | Level<br>(dBuV) | Limit<br>(dBuV) | Margin<br>(dB) | Condition |
|--------|--------|------|--------------|-----------------|-----------------|----------------|-----------|
| Mode 3 | Pass   | AV   | 555k         | 40.39           | 46.00           | -5.61          | Line      |

### Mode 3



| Type | Freq<br>(Hz) | Level<br>(dBuV) | Limit<br>(dBuV) | Margin<br>(dB) | Factor | Condition | Comment | Raw<br>(dBuV) | LISN<br>(dB) | CL<br>(dB) | AT<br>(dB) |  |  |  |  |  |  |
|------|--------------|-----------------|-----------------|----------------|--------|-----------|---------|---------------|--------------|------------|------------|--|--|--|--|--|--|
| QP   | 159k         | 50.58           | 65.52           | -14.94         | 10.04  | Line      | -       | 40.54         | 0.04         | 0.08       | 9.92       |  |  |  |  |  |  |
| AV   | 159k         | 33.39           | 55.52           | -22.13         | 10.04  | Line      | -       | 23.35         | 0.04         | 0.08       | 9.92       |  |  |  |  |  |  |
| QP   | 195k         | 45.83           | 63.82           | -17.99         | 10.06  | Line      | -       | 35.77         | 0.04         | 0.07       | 9.95       |  |  |  |  |  |  |
| AV   | 195k         | 31.59           | 53.82           | -22.23         | 10.06  | Line      | -       | 21.53         | 0.04         | 0.07       | 9.95       |  |  |  |  |  |  |
| QP   | 343.5k       | 32.57           | 59.12           | -26.55         | 10.18  | Line      | -       | 22.39         | 0.05         | 0.09       | 10.04      |  |  |  |  |  |  |
| AV   | 343.5k       | 23.53           | 49.12           | -25.59         | 10.18  | Line      | -       | 13.35         | 0.05         | 0.09       | 10.04      |  |  |  |  |  |  |
| QP   | 555k         | 47.47           | 56.00           | -8.53          | 10.26  | Line      | -       | 37.21         | 0.06         | 0.10       | 10.10      |  |  |  |  |  |  |
| AV   | 555k         | 40.39           | 46.00           | -5.61          | 10.26  | Line      | "Worst" | 30.13         | 0.06         | 0.10       | 10.10      |  |  |  |  |  |  |
| QP   | 1.316M       | 33.91           | 56.00           | -22.09         | 10.27  | Line      | -       | 23.64         | 0.08         | 0.11       | 10.08      |  |  |  |  |  |  |
| AV   | 1.316M       | 26.64           | 46.00           | -19.36         | 10.27  | Line      | -       | 16.37         | 0.08         | 0.11       | 10.08      |  |  |  |  |  |  |
| QP   | 5.271M       | 39.21           | 60.00           | -20.79         | 10.19  | Line      | -       | 29.02         | 0.16         | 0.15       | 9.88       |  |  |  |  |  |  |
| AV   | 5.271M       | 33.04           | 50.00           | -16.96         | 10.19  | Line      | -       | 22.85         | 0.16         | 0.15       | 9.88       |  |  |  |  |  |  |

### Mode 3



| Type | Freq<br>(Hz) | Level<br>(dBuV) | Limit<br>(dBuV) | Margin<br>(dB) | Factor | Condition | Comment | Raw<br>(dBuV) | LISN<br>(dB) | CL<br>(dB) | AT<br>(dB) |  |  |  |  |  |  |
|------|--------------|-----------------|-----------------|----------------|--------|-----------|---------|---------------|--------------|------------|------------|--|--|--|--|--|--|
| QP   | 150k         | 52.40           | 66.00           | -13.60         | 10.05  | Neutral   | -       | 42.35         | 0.06         | 0.08       | 9.91       |  |  |  |  |  |  |
| AV   | 150k         | 37.24           | 56.00           | -18.76         | 10.05  | Neutral   | -       | 27.19         | 0.06         | 0.08       | 9.91       |  |  |  |  |  |  |
| QP   | 181.5k       | 47.25           | 64.41           | -17.16         | 10.07  | Neutral   | -       | 37.18         | 0.06         | 0.07       | 9.94       |  |  |  |  |  |  |
| AV   | 181.5k       | 30.42           | 54.41           | -23.99         | 10.07  | Neutral   | -       | 20.35         | 0.06         | 0.07       | 9.94       |  |  |  |  |  |  |
| QP   | 550.5k       | 46.53           | 56.00           | -9.47          | 10.26  | Neutral   | -       | 36.27         | 0.07         | 0.10       | 10.09      |  |  |  |  |  |  |
| AV   | 550.5k       | 39.10           | 46.00           | -6.90          | 10.26  | Neutral   | -       | 28.84         | 0.07         | 0.10       | 10.09      |  |  |  |  |  |  |
| QP   | 564k         | 45.56           | 56.00           | -10.44         | 10.27  | Neutral   | -       | 35.29         | 0.07         | 0.10       | 10.10      |  |  |  |  |  |  |
| AV   | 564k         | 39.35           | 46.00           | -6.65          | 10.27  | Neutral   | "Worst" | 29.08         | 0.07         | 0.10       | 10.10      |  |  |  |  |  |  |
| QP   | 2.117M       | 35.57           | 56.00           | -20.43         | 10.19  | Neutral   | -       | 25.38         | 0.10         | 0.14       | 9.95       |  |  |  |  |  |  |
| AV   | 2.117M       | 27.56           | 46.00           | -18.44         | 10.19  | Neutral   | -       | 17.37         | 0.10         | 0.14       | 9.95       |  |  |  |  |  |  |
| QP   | 5.267M       | 40.15           | 60.00           | -19.85         | 10.19  | Neutral   | -       | 29.96         | 0.16         | 0.15       | 9.88       |  |  |  |  |  |  |
| AV   | 5.267M       | 34.99           | 50.00           | -15.01         | 10.19  | Neutral   | -       | 24.80         | 0.16         | 0.15       | 9.88       |  |  |  |  |  |  |

**Summary**

| Mode                               | Max-N dB<br>(Hz) | Max-OBW<br>(Hz) | ITU-Code | Min-N dB<br>(Hz) | Min-OBW<br>(Hz) |
|------------------------------------|------------------|-----------------|----------|------------------|-----------------|
| 5.925-6.425GHz                     | -                | -               | -        | -                | -               |
| 11a_Nss1,(6Mbps)_2TX               | 20.735M          | 16.646M         | 16M6D1D  | 20.075M          | 16.558M         |
| 802.11be EHT20_Nss1,(MCS0)_2TX     | 22.55M           | 19.04M          | 19M0D1D  | 20.955M          | 18.991M         |
| 802.11be EHT20-BF_Nss1,(MCS0)_2TX  | 21.615M          | 19.04M          | 19M0D1D  | 20.9M            | 18.991M         |
| 802.11be EHT40_Nss1,(MCS0)_2TX     | 43.12M           | 37.981M         | 38M0D1D  | 41.91M           | 37.931M         |
| 802.11be EHT40-BF_Nss1,(MCS0)_2TX  | 44.33M           | 38.081M         | 38M1D1D  | 42.13M           | 37.931M         |
| 802.11be EHT80_Nss1,(MCS0)_2TX     | 90.2M            | 77.761M         | 77M8D1D  | 82.72M           | 77.561M         |
| 802.11be EHT80-BF_Nss1,(MCS0)_2TX  | 88.88M           | 77.861M         | 77M9D1D  | 85.14M           | 77.461M         |
| 802.11be EHT160_Nss1,(MCS0)_2TX    | 274.12M          | 157.808M        | 158MD1D  | 162.36M          | 156.522M        |
| 802.11be EHT160-BF_Nss1,(MCS0)_2TX | 172.48M          | 156.922M        | 157MD1D  | 164.56M          | 156.322M        |
| 802.11be EHT320_Nss1,(MCS0)_2TX    | 641.52M          | 318.641M        | 319MD1D  | 506.88M          | 317.582M        |
| 802.11be EHT320-BF_Nss1,(MCS0)_2TX | 332.64M          | 316.63M         | 317MD1D  | 323.84M          | 314.397M        |
| 6.425-6.525GHz                     | -                | -               | -        | -                | -               |
| 11a_Nss1,(6Mbps)_2TX               | 21.12M           | 16.602M         | 16M6D1D  | 20.295M          | 16.558M         |
| 802.11be EHT20_Nss1,(MCS0)_2TX     | 21.89M           | 19.015M         | 19M0D1D  | 21.01M           | 18.966M         |
| 802.11be EHT20-BF_Nss1,(MCS0)_2TX  | 22.275M          | 19.065M         | 19M1D1D  | 20.9M            | 18.991M         |
| 802.11be EHT40_Nss1,(MCS0)_2TX     | 43.34M           | 38.031M         | 38M0D1D  | 41.69M           | 37.931M         |
| 802.11be EHT40-BF_Nss1,(MCS0)_2TX  | 43.12M           | 37.981M         | 38M0D1D  | 41.14M           | 37.881M         |
| 802.11be EHT80_Nss1,(MCS0)_2TX     | 89.1M            | 77.761M         | 77M8D1D  | 86.02M           | 77.461M         |
| 802.11be EHT80-BF_Nss1,(MCS0)_2TX  | 89.76M           | 77.761M         | 77M8D1D  | 85.14M           | 77.461M         |
| 802.11be EHT160_Nss1,(MCS0)_2TX    | 171.16M          | 157.121M        | 157MD1D  | 165.44M          | 156.722M        |
| 802.11be EHT160-BF_Nss1,(MCS0)_2TX | 169.4M           | 157.121M        | 157MD1D  | 164.56M          | 156.922M        |
| 802.11be EHT320_Nss1,(MCS0)_2TX    | 528.88M          | 317.841M        | 318MD1D  | 462M             | 317.041M        |
| 802.11be EHT320-BF_Nss1,(MCS0)_2TX | 331.76M          | 316.199M        | 316MD1D  | 323.84M          | 315.648M        |
| 6.525-6.875GHz                     | -                | -               | -        | -                | -               |
| 11a_Nss1,(6Mbps)_2TX               | 21.12M           | 16.602M         | 16M6D1D  | 20.075M          | 16.536M         |
| 802.11be EHT20_Nss1,(MCS0)_2TX     | 22.44M           | 19.04M          | 19M0D1D  | 21.285M          | 18.966M         |
| 802.11be EHT20-BF_Nss1,(MCS0)_2TX  | 22.165M          | 19.04M          | 19M0D1D  | 21.065M          | 18.991M         |
| 802.11be EHT40_Nss1,(MCS0)_2TX     | 43.34M           | 38.031M         | 38M0D1D  | 42.57M           | 37.931M         |
| 802.11be EHT40-BF_Nss1,(MCS0)_2TX  | 43.67M           | 38.031M         | 38M0D1D  | 42.13M           | 37.881M         |
| 802.11be EHT80_Nss1,(MCS0)_2TX     | 90.64M           | 77.761M         | 77M8D1D  | 83.6M            | 77.461M         |
| 802.11be EHT80-BF_Nss1,(MCS0)_2TX  | 90.2M            | 77.861M         | 77M9D1D  | 84.92M           | 77.461M         |
| 802.11be EHT160_Nss1,(MCS0)_2TX    | 179.96M          | 156.922M        | 157MD1D  | 167.64M          | 156.522M        |
| 802.11be EHT160-BF_Nss1,(MCS0)_2TX | 172.48M          | 156.922M        | 157MD1D  | 166.76M          | 156.522M        |
| 802.11be EHT320_Nss1,(MCS0)_2TX    | 513.92M          | 316.605M        | 317MD1D  | 449.68M          | 316.517M        |
| 802.11be EHT320-BF_Nss1,(MCS0)_2TX | 338.8M           | 315.605M        | 316MD1D  | 327.36M          | 315.159M        |
| 6.875-7.125GHz                     | -                | -               | -        | -                | -               |
| 11a_Nss1,(6Mbps)_2TX               | 21.12M           | 16.624M         | 16M6D1D  | 20.13M           | 16.558M         |
| 802.11be EHT20_Nss1,(MCS0)_2TX     | 22.55M           | 19.04M          | 19M0D1D  | 20.9M            | 18.991M         |
| 802.11be EHT20-BF_Nss1,(MCS0)_2TX  | 22.055M          | 19.04M          | 19M0D1D  | 20.955M          | 18.991M         |
| 802.11be EHT40_Nss1,(MCS0)_2TX     | 44M              | 38.031M         | 38M0D1D  | 41.36M           | 37.931M         |
| 802.11be EHT40-BF_Nss1,(MCS0)_2TX  | 44.44M           | 38.331M         | 38M3D1D  | 42.68M           | 37.931M         |
| 802.11be EHT80_Nss1,(MCS0)_2TX     | 104.72M          | 77.961M         | 78M0D1D  | 84.48M           | 77.661M         |
| 802.11be EHT80-BF_Nss1,(MCS0)_2TX  | 90.42M           | 77.861M         | 77M9D1D  | 86.02M           | 77.461M         |
| 802.11be EHT160_Nss1,(MCS0)_2TX    | 171.6M           | 157.121M        | 157MD1D  | 166.32M          | 156.522M        |
| 802.11be EHT160-BF_Nss1,(MCS0)_2TX | 227.04M          | 156.722M        | 157MD1D  | 225.28M          | 156.722M        |

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<br>(Hz) | Port 1-N dB<br>(Hz) | Port 1-OBW<br>(Hz) | Port 2-N dB<br>(Hz) | Port 2-OBW<br>(Hz) |
|---------------------------------|--------|---------------|---------------------|--------------------|---------------------|--------------------|
| 11a_Nss1,(6Mbps)_2TX            | -      | -             | -                   | -                  | -                   | -                  |
| 5955MHz                         | Pass   | Inf           | 20.515M             | 16.58M             | 20.515M             | 16.558M            |
| 6195MHz                         | Pass   | Inf           | 20.735M             | 16.646M            | 20.295M             | 16.558M            |
| 6415MHz                         | Pass   | Inf           | 20.68M              | 16.58M             | 20.075M             | 16.602M            |
| 6435MHz                         | Pass   | Inf           | 20.57M              | 16.602M            | 20.295M             | 16.58M             |
| 6475MHz                         | Pass   | Inf           | 20.405M             | 16.558M            | 20.625M             | 16.558M            |
| 6515MHz                         | Pass   | Inf           | 21.065M             | 16.602M            | 21.12M              | 16.58M             |
| 6535MHz                         | Pass   | Inf           | 20.35M              | 16.58M             | 20.075M             | 16.558M            |
| 6695MHz                         | Pass   | Inf           | 20.295M             | 16.602M            | 21.12M              | 16.58M             |
| 6875MHz                         | Pass   | Inf           | 20.515M             | 16.536M            | 20.57M              | 16.558M            |
| 6895MHz                         | Pass   | Inf           | 20.13M              | 16.602M            | 21.01M              | 16.558M            |
| 6995MHz                         | Pass   | Inf           | 20.68M              | 16.602M            | 20.79M              | 16.602M            |
| 7095MHz                         | Pass   | Inf           | 20.79M              | 16.624M            | 20.735M             | 16.602M            |
| 7115MHz                         | Pass   | Inf           | 21.12M              | 16.58M             | 20.24M              | 16.602M            |
| 802.11be EHT20_Nss1,(MCS0)_2TX  | -      | -             | -                   | -                  | -                   | -                  |
| 5955MHz                         | Pass   | Inf           | 21.615M             | 19.015M            | 21.505M             | 18.991M            |
| 6195MHz                         | Pass   | Inf           | 22.55M              | 18.991M            | 21.56M              | 18.991M            |
| 6415MHz                         | Pass   | Inf           | 20.955M             | 19.04M             | 21.12M              | 18.991M            |
| 6435MHz                         | Pass   | Inf           | 21.78M              | 19.015M            | 21.01M              | 19.015M            |
| 6475MHz                         | Pass   | Inf           | 21.78M              | 19.015M            | 21.89M              | 19.015M            |
| 6515MHz                         | Pass   | Inf           | 21.835M             | 18.966M            | 21.395M             | 19.015M            |
| 6535MHz                         | Pass   | Inf           | 21.34M              | 18.991M            | 22.44M              | 19.015M            |
| 6695MHz                         | Pass   | Inf           | 21.615M             | 19.04M             | 21.615M             | 18.991M            |
| 6875MHz                         | Pass   | Inf           | 21.285M             | 19.015M            | 21.505M             | 18.966M            |
| 6895MHz                         | Pass   | Inf           | 21.725M             | 18.991M            | 20.9M               | 19.015M            |
| 6995MHz                         | Pass   | Inf           | 21.23M              | 18.991M            | 21.89M              | 19.015M            |
| 7095MHz                         | Pass   | Inf           | 22M                 | 19.015M            | 22.22M              | 19.015M            |
| 7115MHz                         | Pass   | Inf           | 21.34M              | 19.04M             | 22.55M              | 18.991M            |
| 802.11be EHT40_Nss1,(MCS0)_2TX  | -      | -             | -                   | -                  | -                   | -                  |
| 5965MHz                         | Pass   | Inf           | 42.57M              | 37.931M            | 42.46M              | 37.981M            |
| 6205MHz                         | Pass   | Inf           | 41.91M              | 37.931M            | 42.57M              | 37.931M            |
| 6405MHz                         | Pass   | Inf           | 43.12M              | 37.931M            | 43.01M              | 37.931M            |
| 6445MHz                         | Pass   | Inf           | 42.02M              | 37.931M            | 43.12M              | 37.981M            |
| 6485MHz                         | Pass   | Inf           | 43.34M              | 37.931M            | 42.46M              | 37.931M            |
| 6525MHz                         | Pass   | Inf           | 43.12M              | 37.931M            | 41.69M              | 38.031M            |
| 6565MHz                         | Pass   | Inf           | 42.79M              | 37.931M            | 42.9M               | 37.931M            |
| 6685MHz                         | Pass   | Inf           | 43.34M              | 37.981M            | 42.57M              | 37.931M            |
| 6885MHz                         | Pass   | Inf           | 42.9M               | 37.981M            | 42.9M               | 38.031M            |
| 6925MHz                         | Pass   | Inf           | 42.46M              | 37.981M            | 41.91M              | 37.931M            |
| 7005MHz                         | Pass   | Inf           | 42.46M              | 37.981M            | 41.36M              | 37.981M            |
| 7085MHz                         | Pass   | Inf           | 43.12M              | 37.931M            | 44M                 | 38.031M            |
| 802.11be EHT80_Nss1,(MCS0)_2TX  | -      | -             | -                   | -                  | -                   | -                  |
| 5985MHz                         | Pass   | Inf           | 83.82M              | 77.561M            | 90.2M               | 77.661M            |
| 6225MHz                         | Pass   | Inf           | 83.16M              | 77.561M            | 87.12M              | 77.561M            |
| 6385MHz                         | Pass   | Inf           | 84.7M               | 77.661M            | 82.72M              | 77.761M            |
| 6465MHz                         | Pass   | Inf           | 89.1M               | 77.661M            | 86.02M              | 77.661M            |
| 6545MHz                         | Pass   | Inf           | 87.34M              | 77.461M            | 86.24M              | 77.761M            |
| 6625MHz                         | Pass   | Inf           | 88.44M              | 77.761M            | 84.48M              | 77.561M            |
| 6705MHz                         | Pass   | Inf           | 83.6M               | 77.461M            | 87.56M              | 77.561M            |
| 6785MHz                         | Pass   | Inf           | 90.64M              | 77.461M            | 84.92M              | 77.761M            |
| 6865MHz                         | Pass   | Inf           | 88M                 | 77.561M            | 85.58M              | 77.561M            |
| 6945MHz                         | Pass   | Inf           | 104.72M             | 77.661M            | 85.36M              | 77.661M            |
| 7025MHz                         | Pass   | Inf           | 94.82M              | 77.961M            | 84.48M              | 77.761M            |
| 802.11be EHT160_Nss1,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 6025MHz                         | Pass   | Inf           | 165M                | 156.522M           | 167.2M              | 156.722M           |

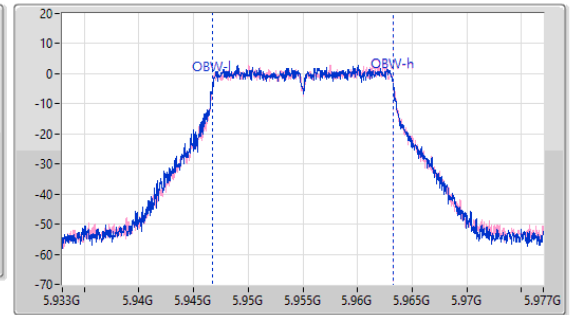
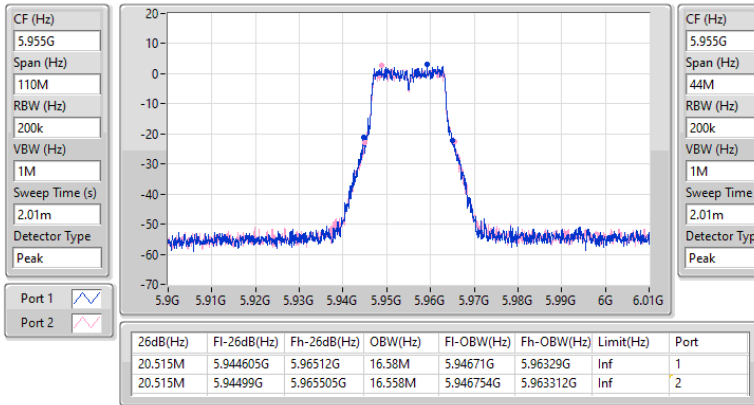
| Mode                               | Result | Limit (Hz) | Port 1-N dB (Hz) | Port 1-OBW (Hz) | Port 2-N dB (Hz) | Port 2-OBW (Hz) |
|------------------------------------|--------|------------|------------------|-----------------|------------------|-----------------|
| 6185MHz                            | Pass   | Inf        | 274.12M          | 157.808M        | 238.04M          | 157.216M        |
| 6345MHz                            | Pass   | Inf        | 162.36M          | 156.722M        | 165.88M          | 156.922M        |
| 6505MHz                            | Pass   | Inf        | 171.16M          | 156.722M        | 165.44M          | 157.121M        |
| 6665MHz                            | Pass   | Inf        | 168.52M          | 156.522M        | 167.64M          | 156.922M        |
| 6825MHz                            | Pass   | Inf        | 179.96M          | 156.922M        | 171.6M           | 156.922M        |
| 6985MHz                            | Pass   | Inf        | 171.6M           | 157.121M        | 166.32M          | 156.522M        |
| 802.11be EHT320_Nss1,(MCS0)_2TX    | -      | -          | -                | -               | -                | -               |
| 6105MHz                            | Pass   | Inf        | 533.28M          | 318.314M        | 510.4M           | 318.612M        |
| 6265MHz                            | Pass   | Inf        | 506.88M          | 317.582M        | 522.72M          | 318.292M        |
| 6425MHz                            | Pass   | Inf        | 641.52M          | 318.641M        | 513.04M          | 317.841M        |
| 6585MHz                            | Pass   | Inf        | 528.88M          | 317.841M        | 488.4M           | 317.441M        |
| 6745MHz                            | Pass   | Inf        | 462M             | 317.441M        | 503.36M          | 317.041M        |
| 6905MHz                            | Pass   | Inf        | 513.92M          | 316.605M        | 449.68M          | 316.517M        |
| 802.11be EHT20-BF_Nss1,(MCS0)_2TX  | -      | -          | -                | -               | -                | -               |
| 5955MHz                            | Pass   | Inf        | 21.615M          | 18.991M         | 21.285M          | 18.991M         |
| 6195MHz                            | Pass   | Inf        | 20.9M            | 19.04M          | 21.56M           | 19.04M          |
| 6415MHz                            | Pass   | Inf        | 21.12M           | 19.015M         | 21.065M          | 19.015M         |
| 6435MHz                            | Pass   | Inf        | 21.395M          | 19.065M         | 22.275M          | 19.065M         |
| 6475MHz                            | Pass   | Inf        | 21.945M          | 18.991M         | 21.34M           | 19.015M         |
| 6515MHz                            | Pass   | Inf        | 20.9M            | 19.015M         | 21.34M           | 19.04M          |
| 6535MHz                            | Pass   | Inf        | 21.065M          | 19.015M         | 22.165M          | 19.015M         |
| 6695MHz                            | Pass   | Inf        | 21.615M          | 19.04M          | 21.945M          | 19.015M         |
| 6875MHz                            | Pass   | Inf        | 21.45M           | 18.991M         | 21.835M          | 19.04M          |
| 6895MHz                            | Pass   | Inf        | 22M              | 19.015M         | 21.89M           | 19.015M         |
| 6995MHz                            | Pass   | Inf        | 21.615M          | 19.04M          | 22.055M          | 19.04M          |
| 7095MHz                            | Pass   | Inf        | 20.955M          | 19.04M          | 21.835M          | 19.04M          |
| 7115MHz                            | Pass   | Inf        | 21.12M           | 19.04M          | 21.395M          | 18.991M         |
| 802.11be EHT40-BF_Nss1,(MCS0)_2TX  | -      | -          | -                | -               | -                | -               |
| 5965MHz                            | Pass   | Inf        | 44.33M           | 38.031M         | 42.13M           | 38.081M         |
| 6205MHz                            | Pass   | Inf        | 43.23M           | 38.081M         | 42.9M            | 37.931M         |
| 6405MHz                            | Pass   | Inf        | 42.35M           | 37.981M         | 43.67M           | 38.031M         |
| 6445MHz                            | Pass   | Inf        | 43.12M           | 37.981M         | 43.01M           | 37.931M         |
| 6485MHz                            | Pass   | Inf        | 41.14M           | 37.981M         | 42.57M           | 37.881M         |
| 6525MHz                            | Pass   | Inf        | 42.68M           | 37.931M         | 43.12M           | 37.981M         |
| 6565MHz                            | Pass   | Inf        | 43.34M           | 37.881M         | 43.67M           | 37.981M         |
| 6685MHz                            | Pass   | Inf        | 42.35M           | 37.981M         | 43.01M           | 38.031M         |
| 6885MHz                            | Pass   | Inf        | 43.01M           | 38.031M         | 42.13M           | 37.981M         |
| 6925MHz                            | Pass   | Inf        | 42.9M            | 38.331M         | 43.12M           | 38.031M         |
| 7005MHz                            | Pass   | Inf        | 44.44M           | 37.931M         | 43.34M           | 37.981M         |
| 7085MHz                            | Pass   | Inf        | 43.01M           | 38.031M         | 42.68M           | 37.981M         |
| 802.11be EHT80-BF_Nss1,(MCS0)_2TX  | -      | -          | -                | -               | -                | -               |
| 5985MHz                            | Pass   | Inf        | 87.12M           | 77.861M         | 85.14M           | 77.461M         |
| 6225MHz                            | Pass   | Inf        | 88.88M           | 77.561M         | 85.8M            | 77.661M         |
| 6385MHz                            | Pass   | Inf        | 86.02M           | 77.461M         | 85.58M           | 77.761M         |
| 6465MHz                            | Pass   | Inf        | 85.14M           | 77.461M         | 85.58M           | 77.761M         |
| 6545MHz                            | Pass   | Inf        | 87.34M           | 77.561M         | 89.76M           | 77.661M         |
| 6625MHz                            | Pass   | Inf        | 86.9M            | 77.461M         | 86.68M           | 77.561M         |
| 6705MHz                            | Pass   | Inf        | 86.9M            | 77.861M         | 85.36M           | 77.661M         |
| 6785MHz                            | Pass   | Inf        | 90.2M            | 77.561M         | 84.92M           | 77.661M         |
| 6865MHz                            | Pass   | Inf        | 87.78M           | 77.561M         | 86.24M           | 77.761M         |
| 6945MHz                            | Pass   | Inf        | 90.42M           | 77.461M         | 86.02M           | 77.761M         |
| 7025MHz                            | Pass   | Inf        | 88M              | 77.661M         | 87.56M           | 77.861M         |
| 802.11be EHT160-BF_Nss1,(MCS0)_2TX | -      | -          | -                | -               | -                | -               |
| 6025MHz                            | Pass   | Inf        | 169.84M          | 156.922M        | 172.48M          | 156.922M        |
| 6185MHz                            | Pass   | Inf        | 168.52M          | 156.722M        | 164.56M          | 156.522M        |
| 6345MHz                            | Pass   | Inf        | 170.72M          | 156.322M        | 168.08M          | 156.522M        |

| Mode                               | Result | Limit<br>(Hz) | Port 1-N dB<br>(Hz) | Port 1-OBW<br>(Hz) | Port 2-N dB<br>(Hz) | Port 2-OBW<br>(Hz) |
|------------------------------------|--------|---------------|---------------------|--------------------|---------------------|--------------------|
| 6505MHz                            | Pass   | Inf           | 169.4M              | 157.121M           | 164.56M             | 156.922M           |
| 6665MHz                            | Pass   | Inf           | 166.76M             | 156.922M           | 169.4M              | 156.522M           |
| 6825MHz                            | Pass   | Inf           | 169.84M             | 156.922M           | 172.48M             | 156.522M           |
| 6985MHz                            | Pass   | Inf           | 227.04M             | 156.722M           | 225.28M             | 156.722M           |
| 802.11be EHT320-BF_Nss1,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 6105MHz                            | Pass   | Inf           | 332.64M             | 314.397M           | 325.6M              | 315.228M           |
| 6265MHz                            | Pass   | Inf           | 329.12M             | 315.938M           | 325.6M              | 316.63M            |
| 6425MHz                            | Pass   | Inf           | 324.72M             | 315.453M           | 323.84M             | 315.65M            |
| 6585MHz                            | Pass   | Inf           | 325.6M              | 315.799M           | 323.84M             | 315.891M           |
| 6745MHz                            | Pass   | Inf           | 328.24M             | 315.648M           | 331.76M             | 316.199M           |
| 6905MHz                            | Pass   | Inf           | 338.8M              | 315.159M           | 327.36M             | 315.605M           |

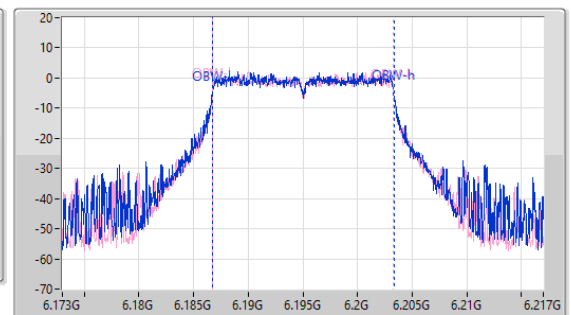
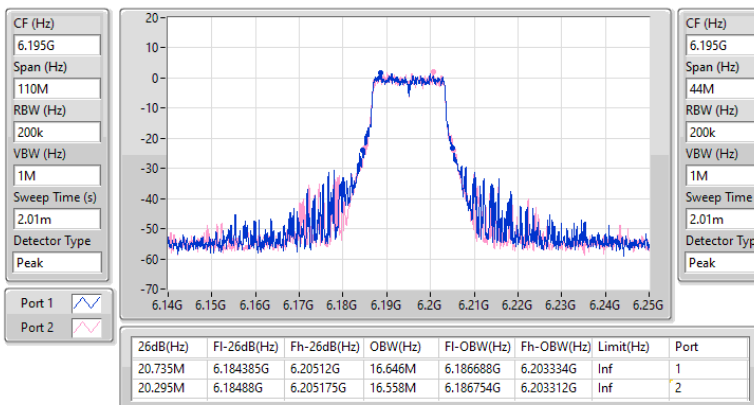
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band  
Port X-OBW = Port X 99% occupied bandwidth

**5.925-6.425GHz\_11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**5955MHz**

21/01/2025

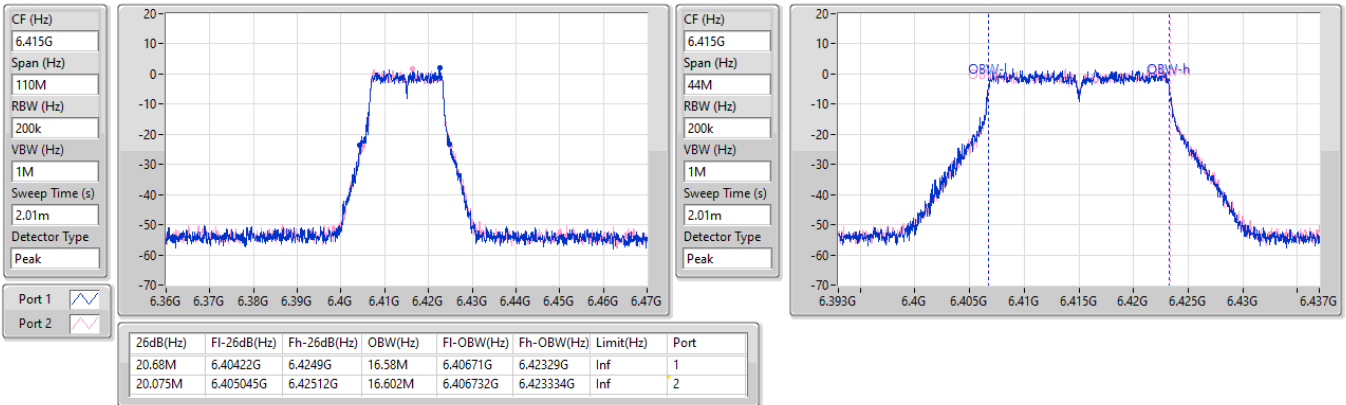

**5.925-6.425GHz\_11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**6195MHz**

21/01/2025

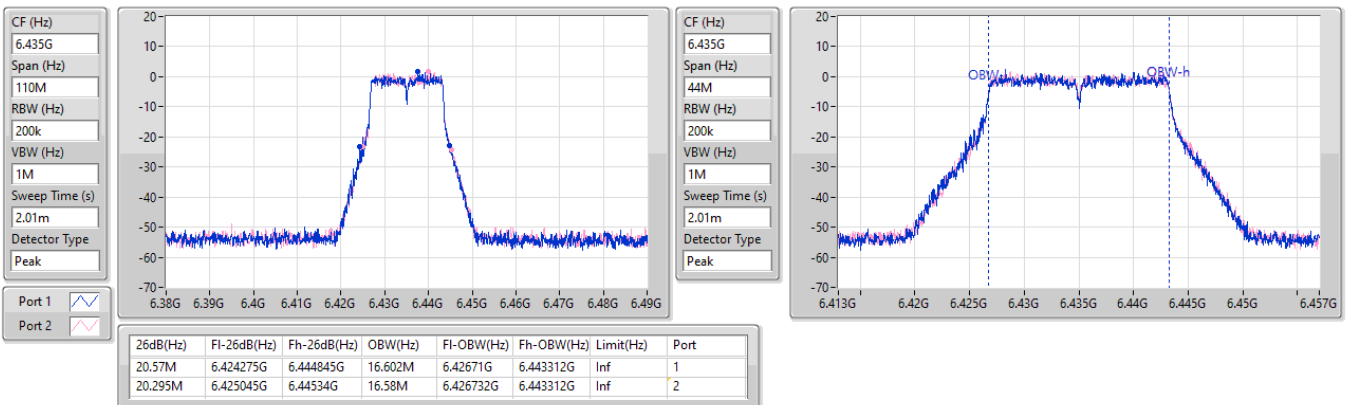


**5.925-6.425GHz\_11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**6415MHz**

21/01/2025

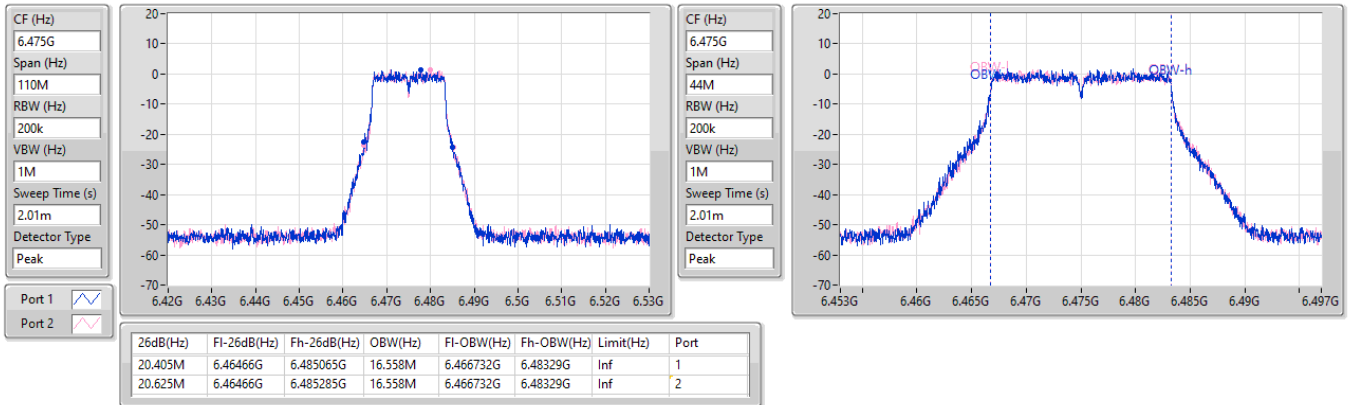

**6.425-6.525GHz\_11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**6435MHz**

21/01/2025

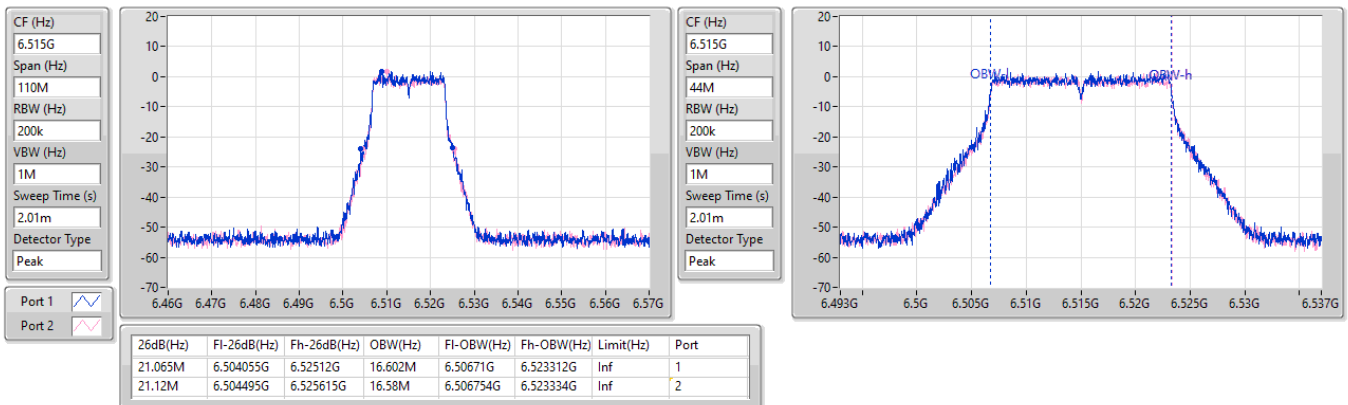


**6.425-6.525GHz\_11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**6475MHz**

21/01/2025


**6.425-6.525GHz\_11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**6515MHz**

21/01/2025

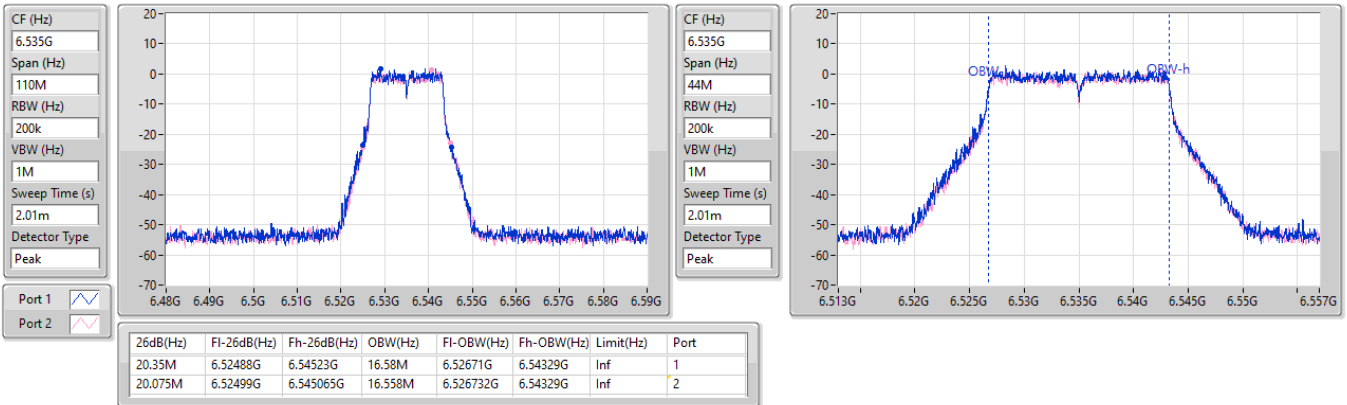


## 6.525-6.875GHz\_11a\_Nss1,(6Mbps)\_2TX

EBW

6535MHz

21/01/2025

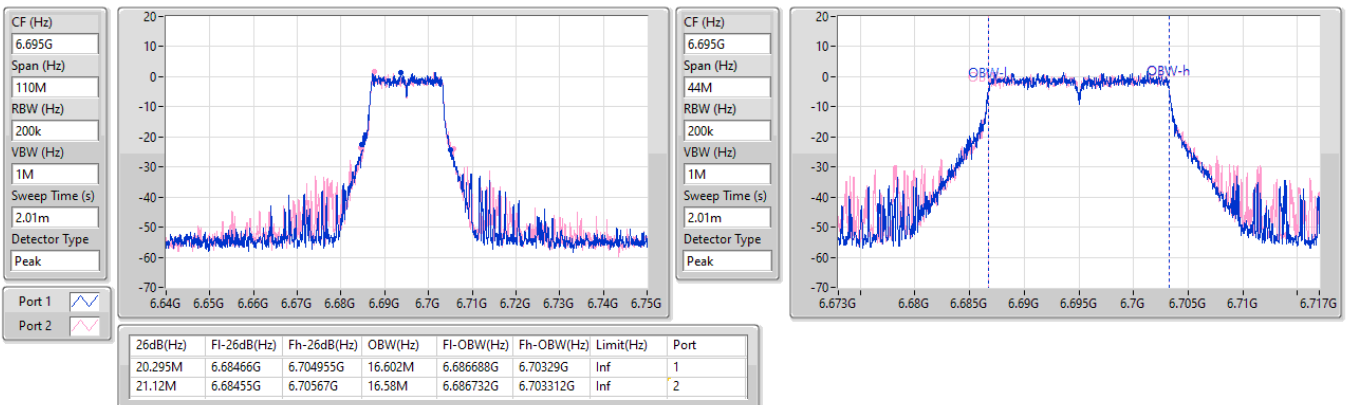


## 6.525-6.875GHz\_11a\_Nss1,(6Mbps)\_2TX

EBW

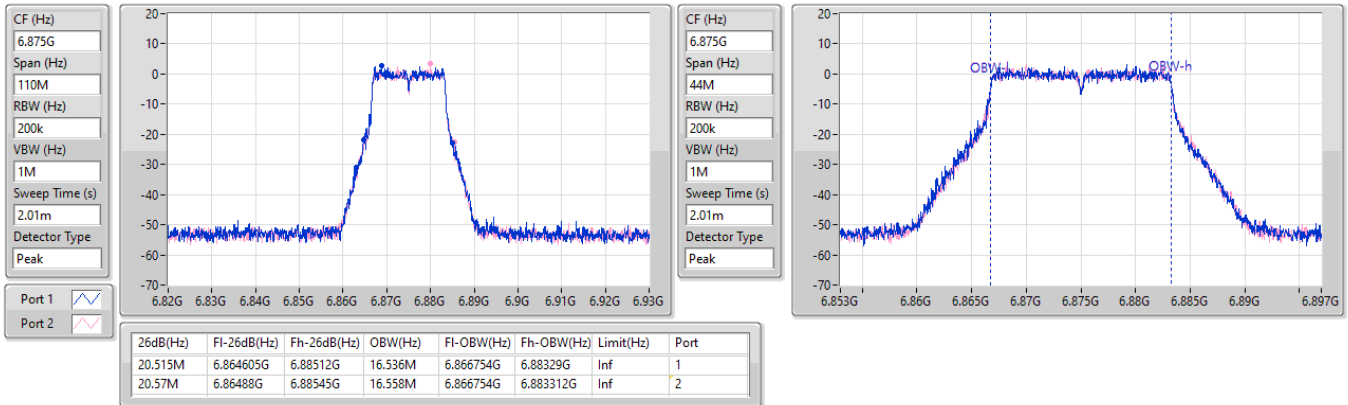
6695MHz

21/01/2025

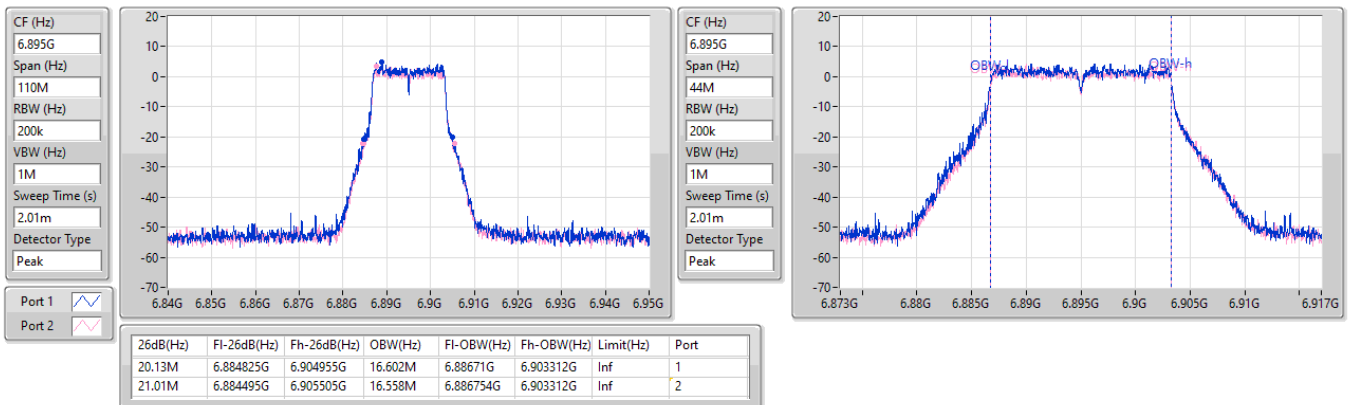


**6.525-6.875GHz\_11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**6875MHz**

21/01/2025

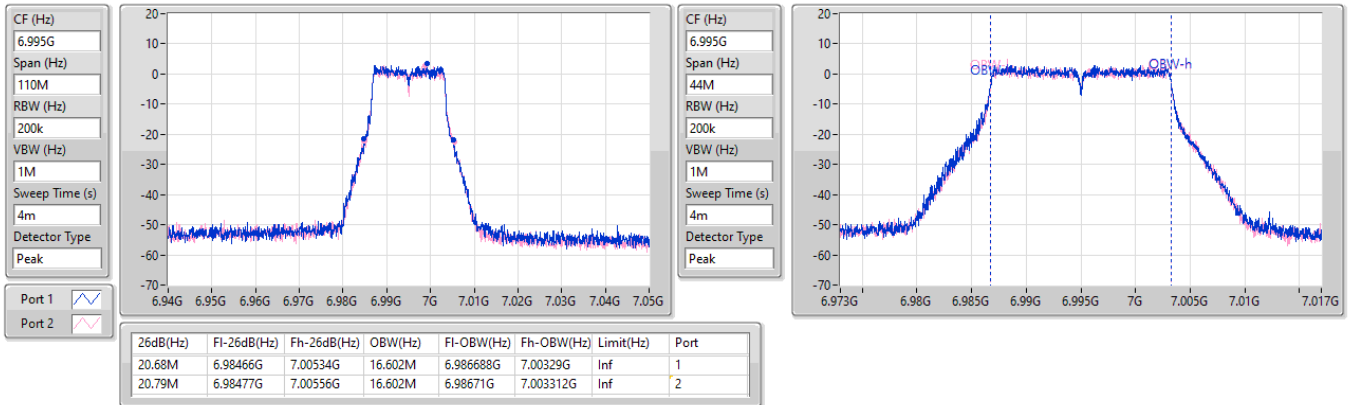

**6.875-7.125GHz\_11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**6895MHz**

21/01/2025

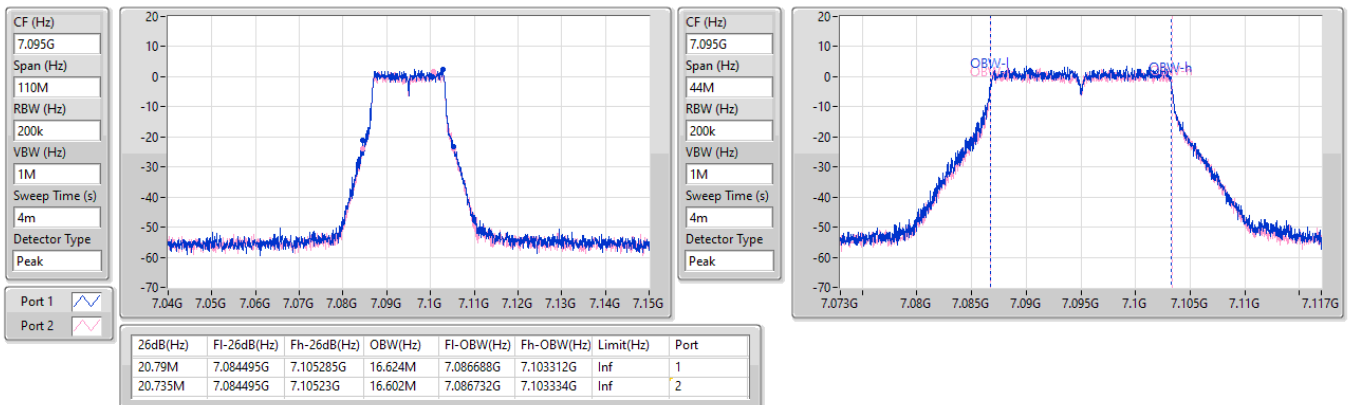


**6.875-7.125GHz\_11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**6995MHz**

21/01/2025

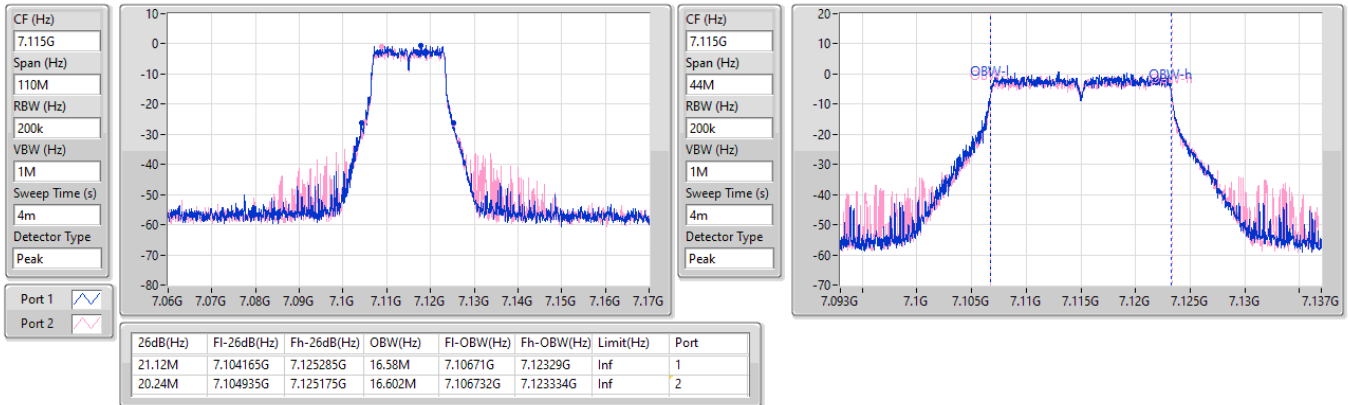

**6.875-7.125GHz\_11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**7095MHz**

21/01/2025

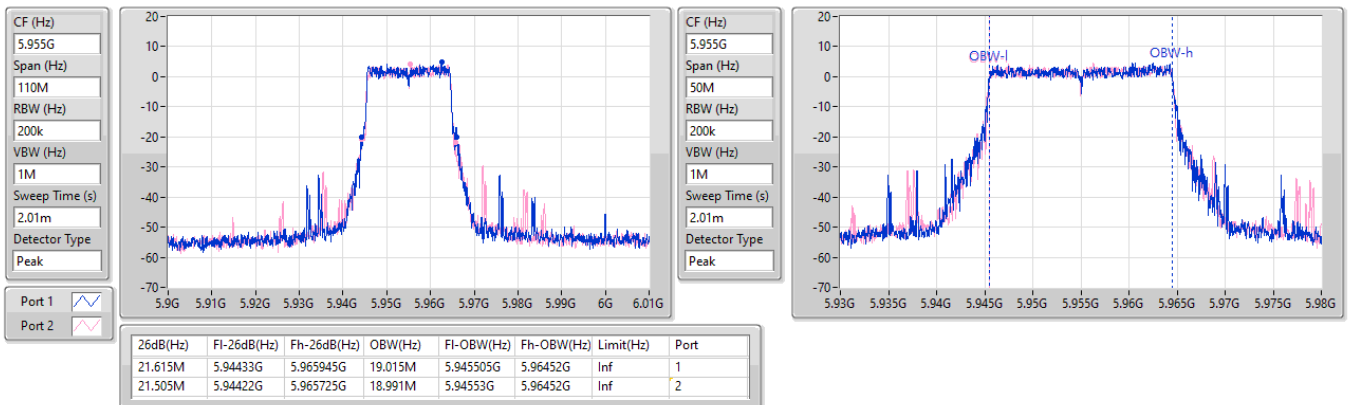


**6.875-7.125GHz\_11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**7115MHz**

21/01/2025

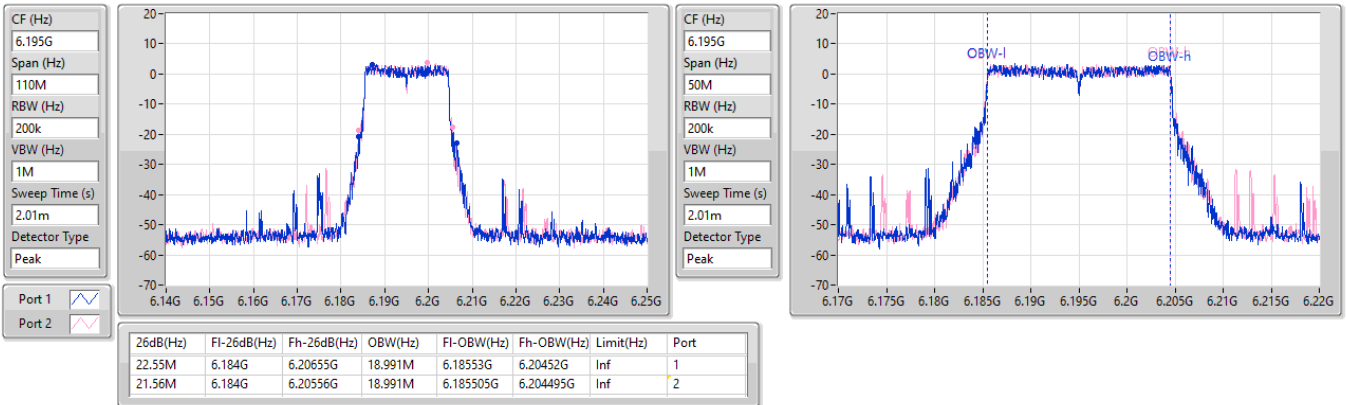

**5.925-6.425GHz\_802.11be EHT20\_Nss1,(MCS0)\_2TX**
**EBW**
**5955MHz**

21/01/2025

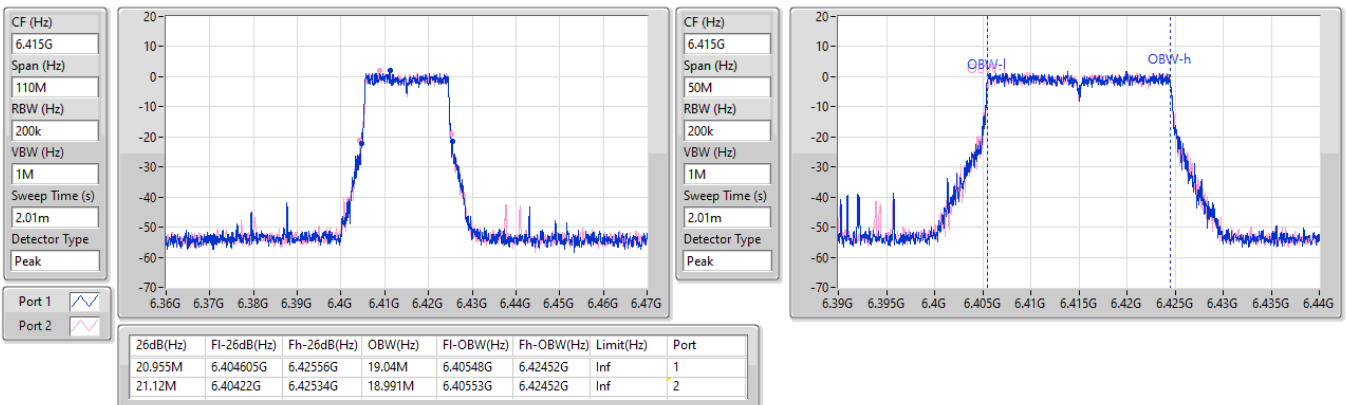


**5.925-6.425GHz\_802.11be EHT20\_Nss1,(MCS0)\_2TX**
**EBW**
**6195MHz**

21/01/2025

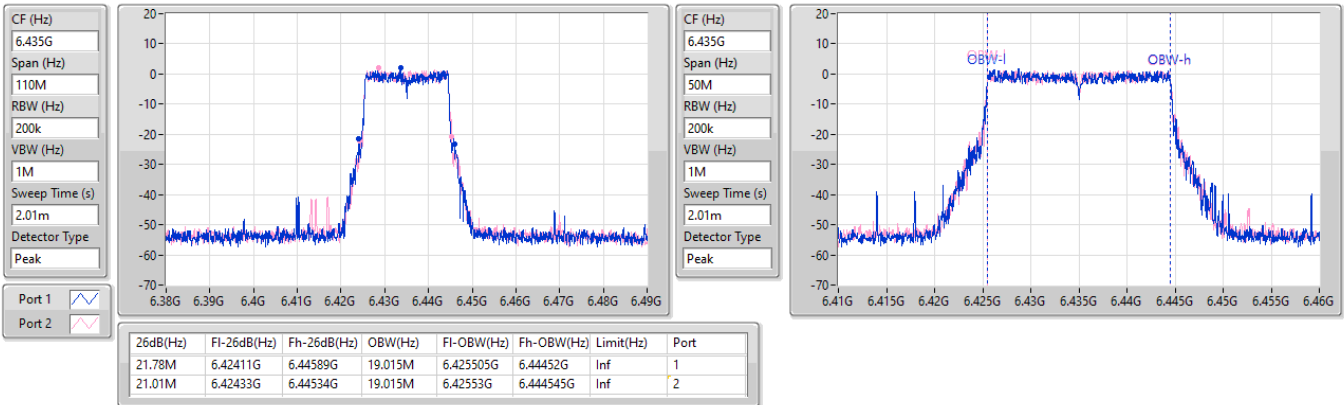

**5.925-6.425GHz\_802.11be EHT20\_Nss1,(MCS0)\_2TX**
**EBW**
**6415MHz**

21/01/2025

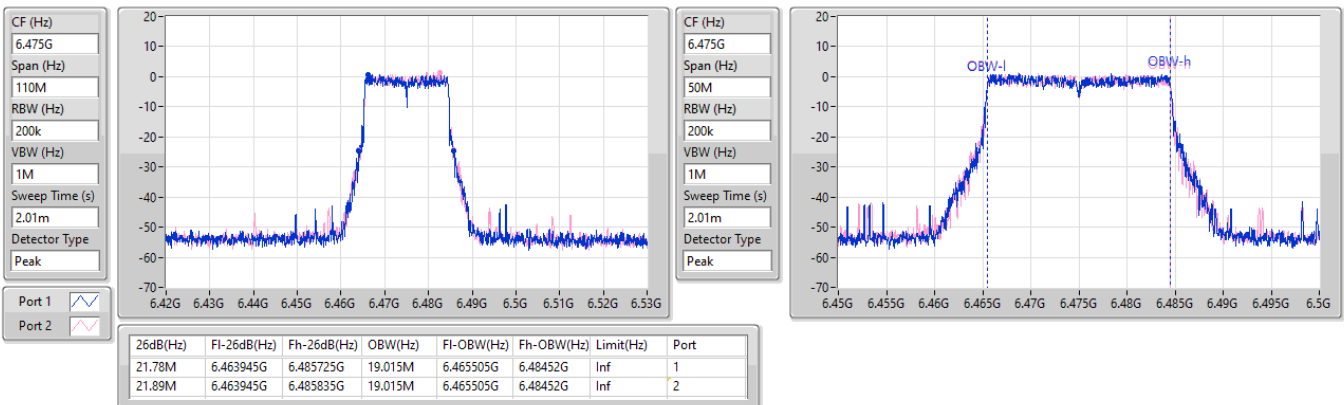


**6.425-6.525GHz\_802.11be EHT20\_Nss1,(MCS0)\_2TX**
**EBW**
**6435MHz**

21/01/2025

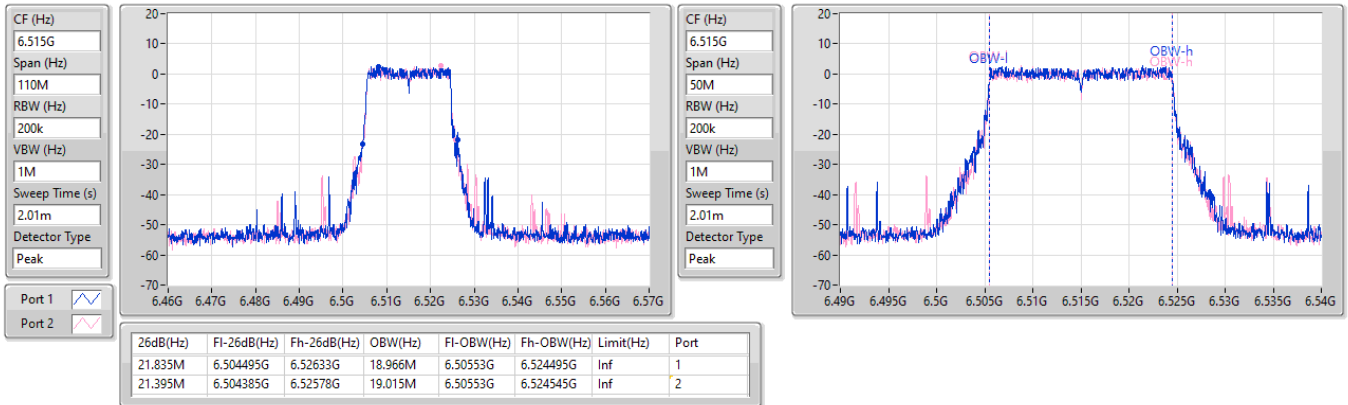

**6.425-6.525GHz\_802.11be EHT20\_Nss1,(MCS0)\_2TX**
**EBW**
**6475MHz**

21/01/2025

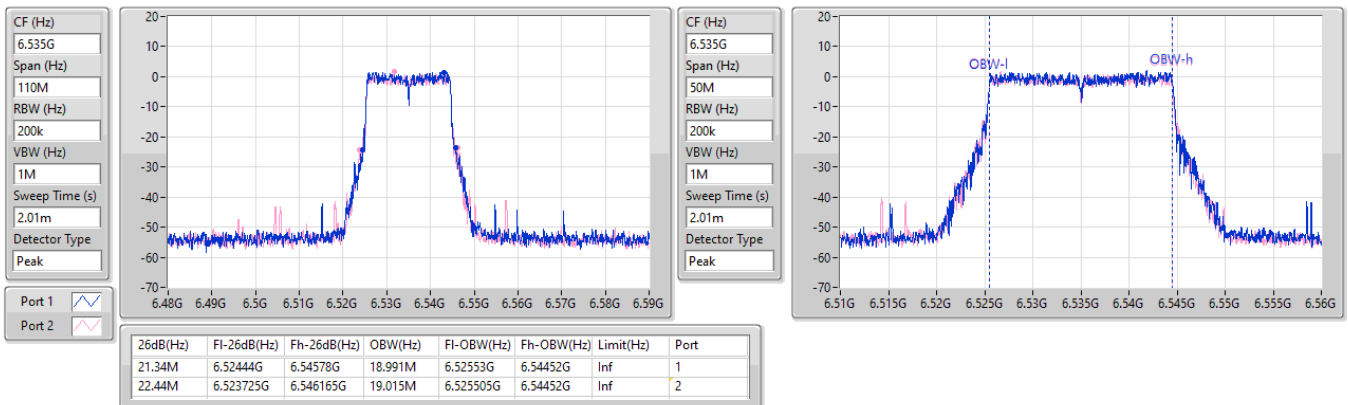


**6.425-6.525GHz\_802.11be EHT20\_Nss1,(MCS0)\_2TX**
**EBW**
**6515MHz**

21/01/2025

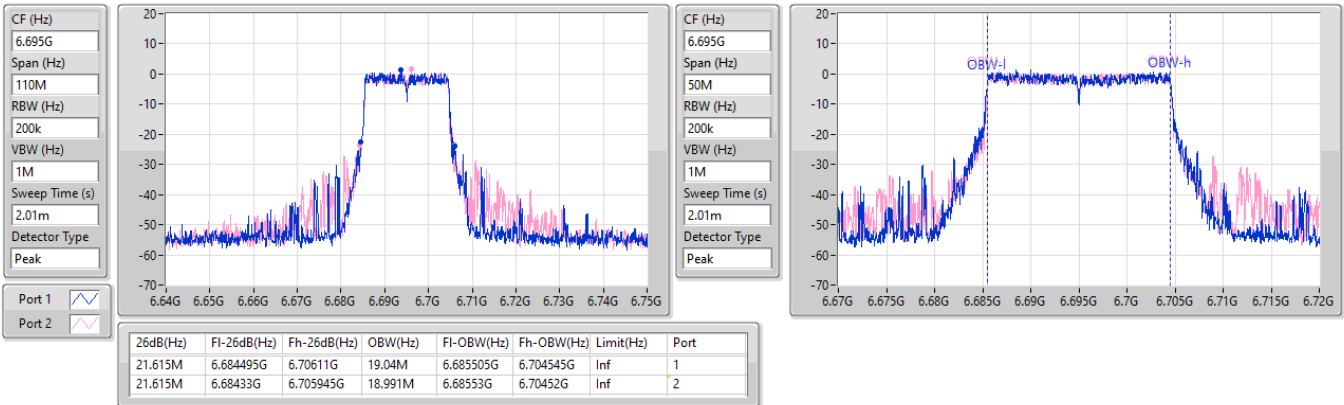

**6.525-6.875GHz\_802.11be EHT20\_Nss1,(MCS0)\_2TX**
**EBW**
**6535MHz**

21/01/2025

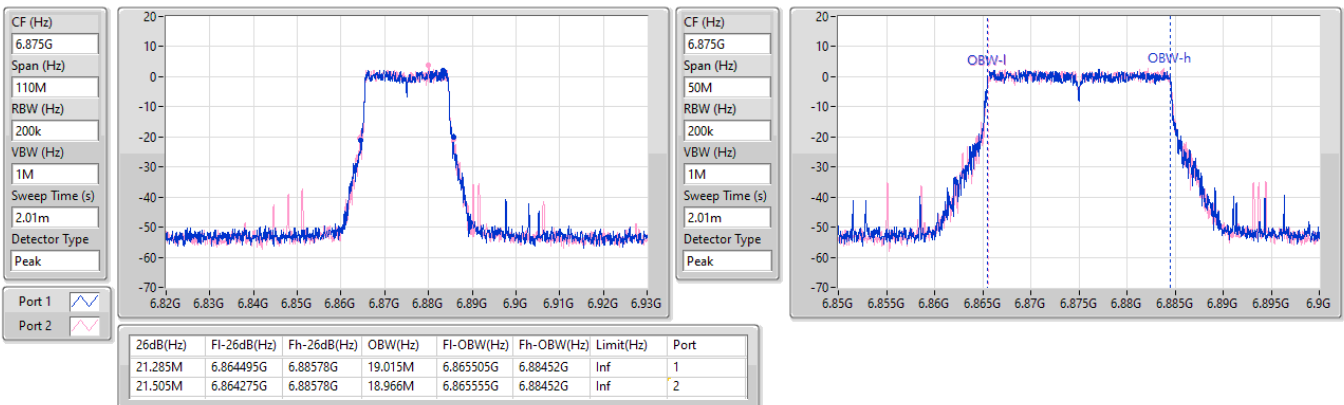


**6.525-6.875GHz\_802.11be EHT20\_Nss1,(MCS0)\_2TX**
**EBW**
**6695MHz**

21/01/2025

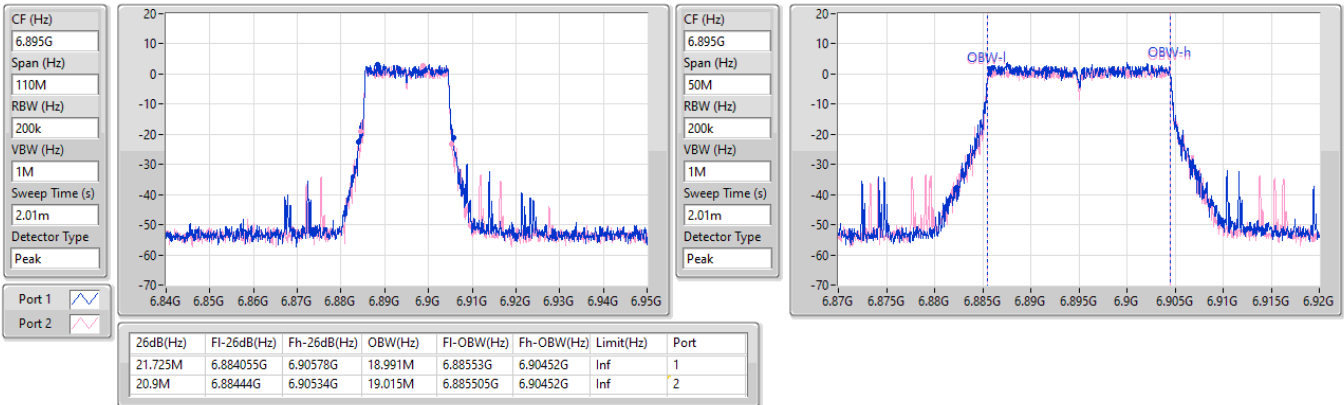

**6.525-6.875GHz\_802.11be EHT20\_Nss1,(MCS0)\_2TX**
**EBW**
**6875MHz**

21/01/2025

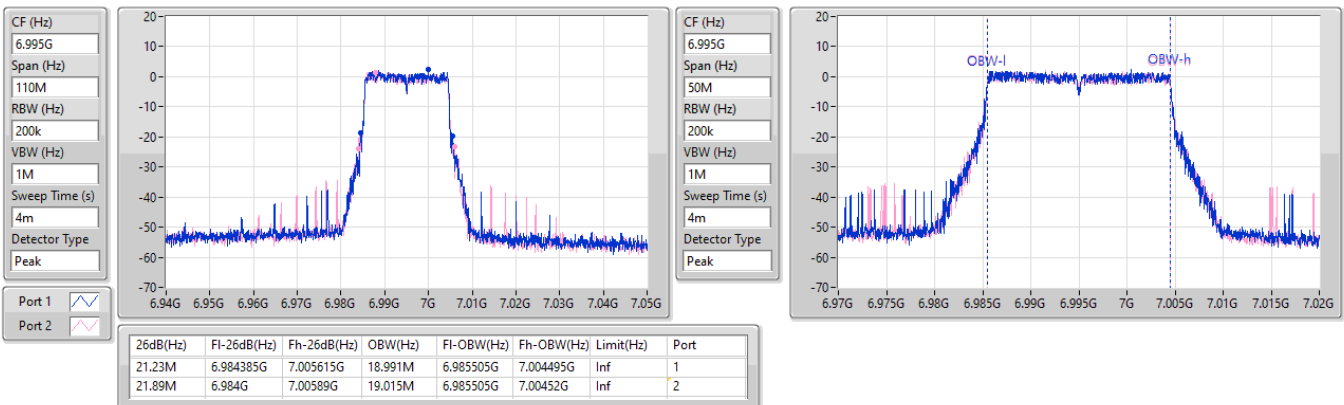


**6.875-7.125GHz\_802.11be EHT20\_Nss1\_(MCS0)\_2TX**
**EBW**
**6895MHz**

21/01/2025

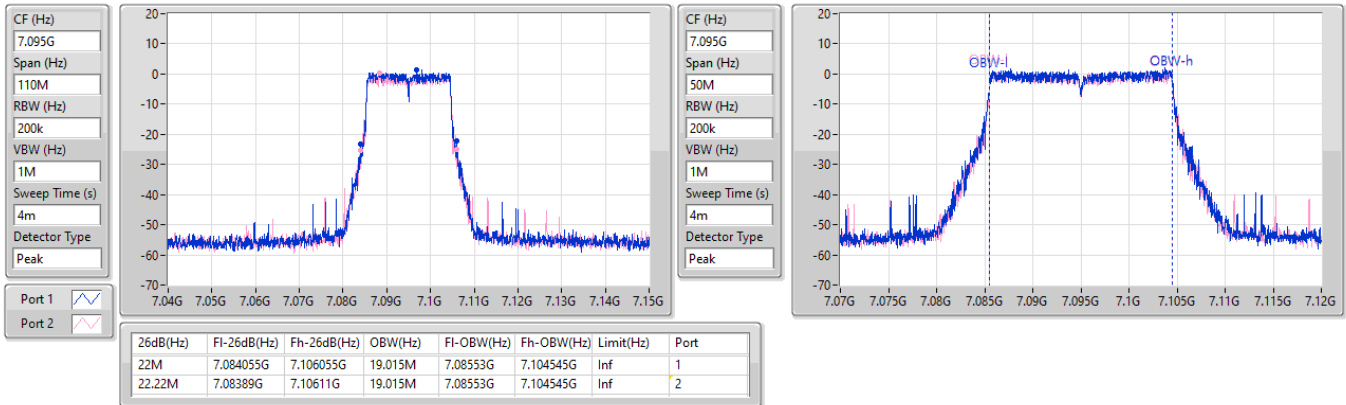

**6.875-7.125GHz\_802.11be EHT20\_Nss1\_(MCS0)\_2TX**
**EBW**
**6995MHz**

21/01/2025

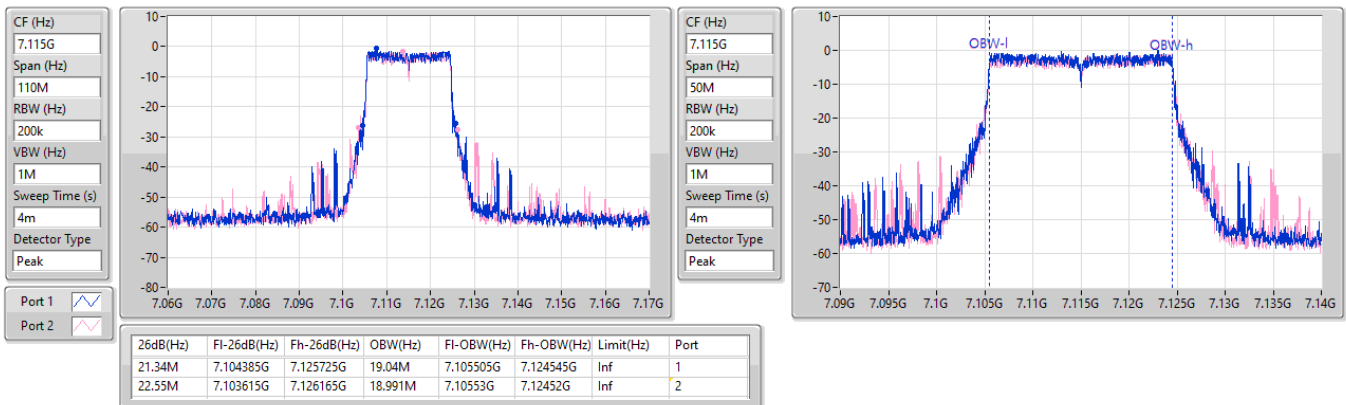


**6.875-7.125GHz\_802.11be EHT20\_Nss1,(MCS0)\_2TX**
**EBW**
**7095MHz**

21/01/2025

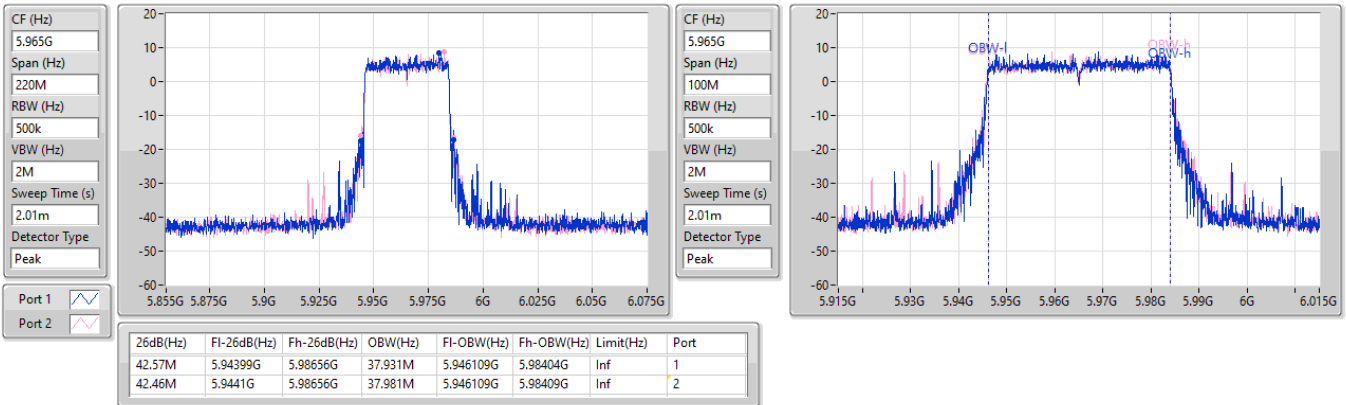

**6.875-7.125GHz\_802.11be EHT20\_Nss1,(MCS0)\_2TX**
**EBW**
**7115MHz**

21/01/2025

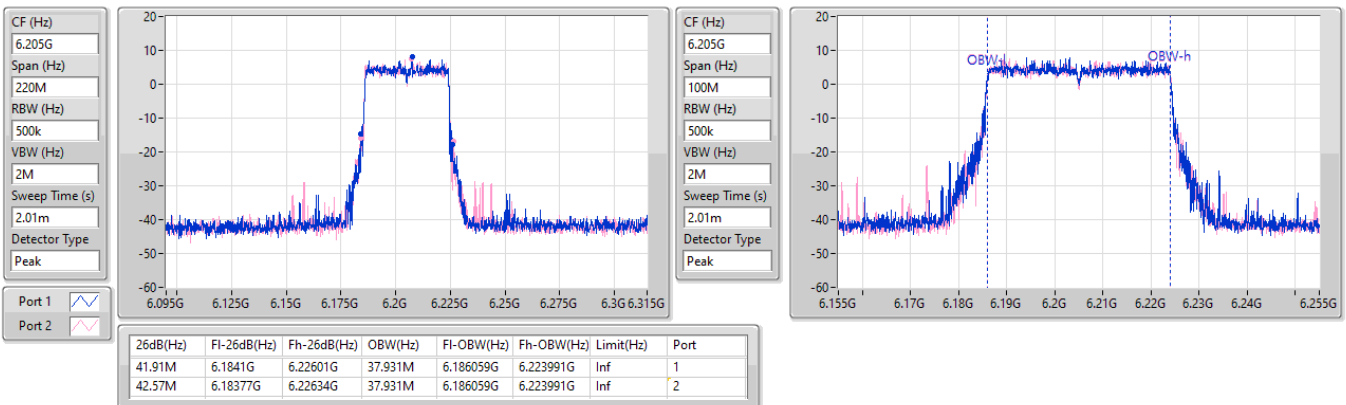


**5.925-6.425GHz\_802.11be EHT40\_Nss1,(MCS0)\_2TX**
**EBW**
**5965MHz**

21/01/2025

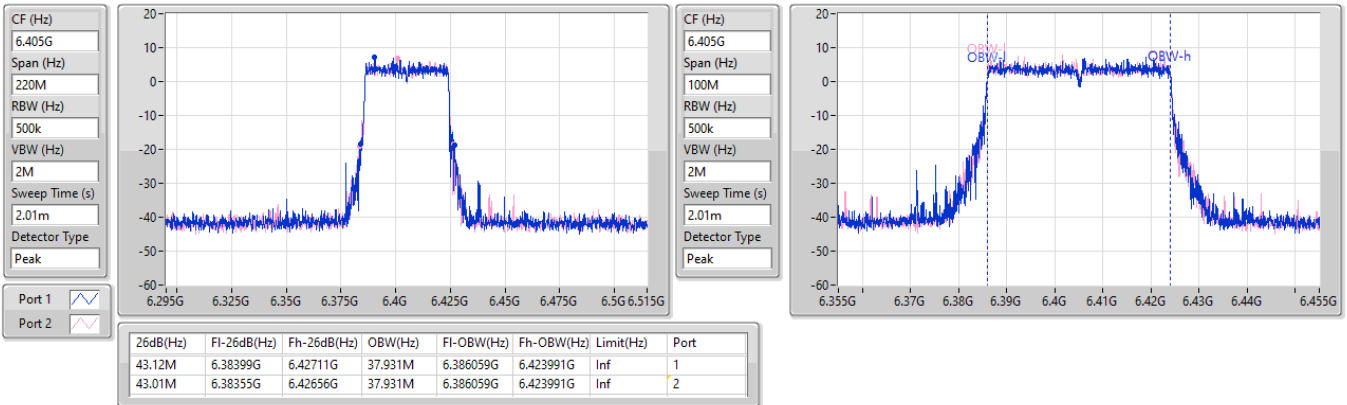

**5.925-6.425GHz\_802.11be EHT40\_Nss1,(MCS0)\_2TX**
**EBW**
**6205MHz**

21/01/2025

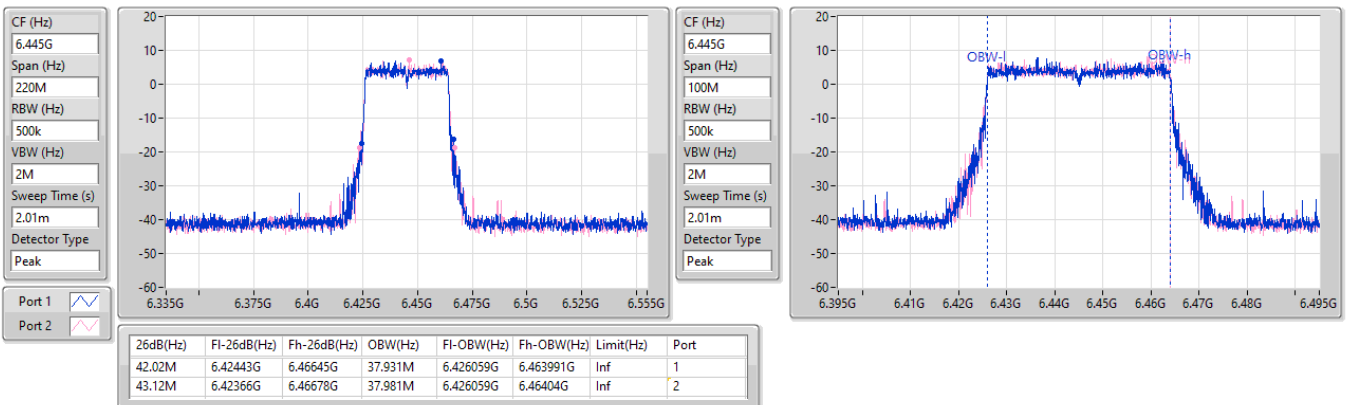


**5.925-6.425GHz\_802.11be EHT40\_Nss1,(MCS0)\_2TX**
**EBW**
**6405MHz**

21/01/2025


**6.425-6.525GHz\_802.11be EHT40\_Nss1,(MCS0)\_2TX**
**EBW**
**6445MHz**

21/01/2025

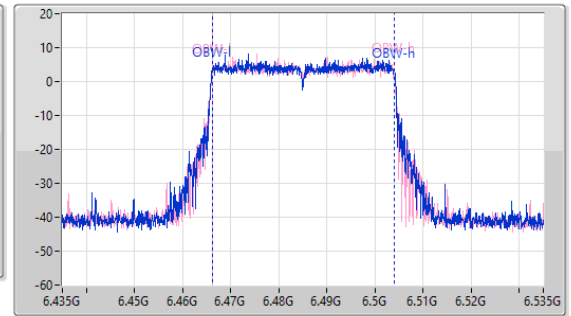
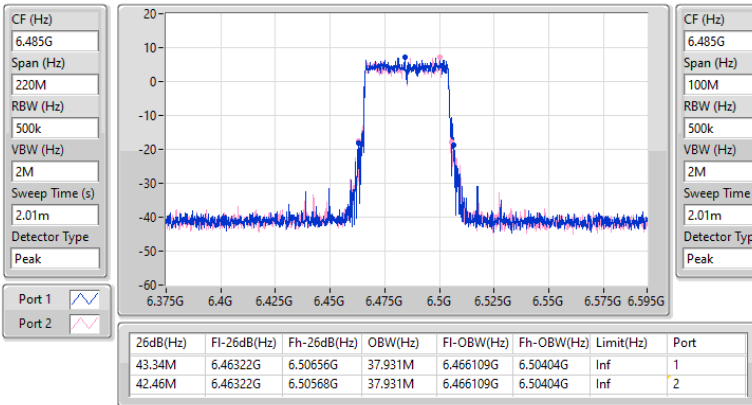


## 6.425-6.525GHz\_802.11be EHT40\_Nss1,(MCS0)\_2TX

EBW

6485MHz

21/01/2025

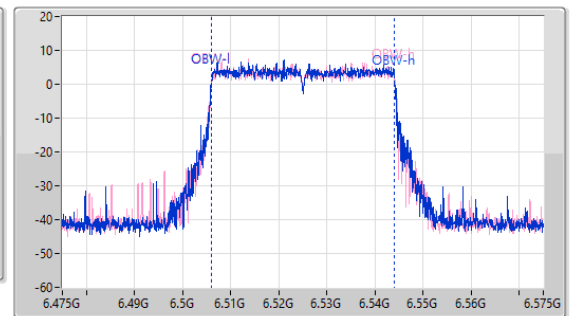
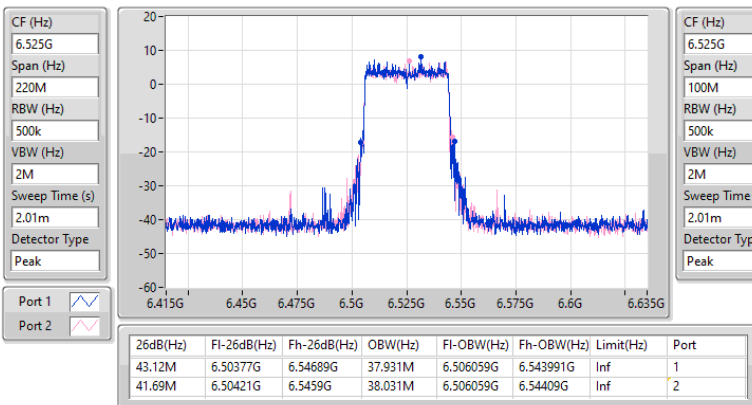


## 6.425-6.525GHz\_802.11be EHT40\_Nss1,(MCS0)\_2TX

EBW

6525MHz

21/01/2025

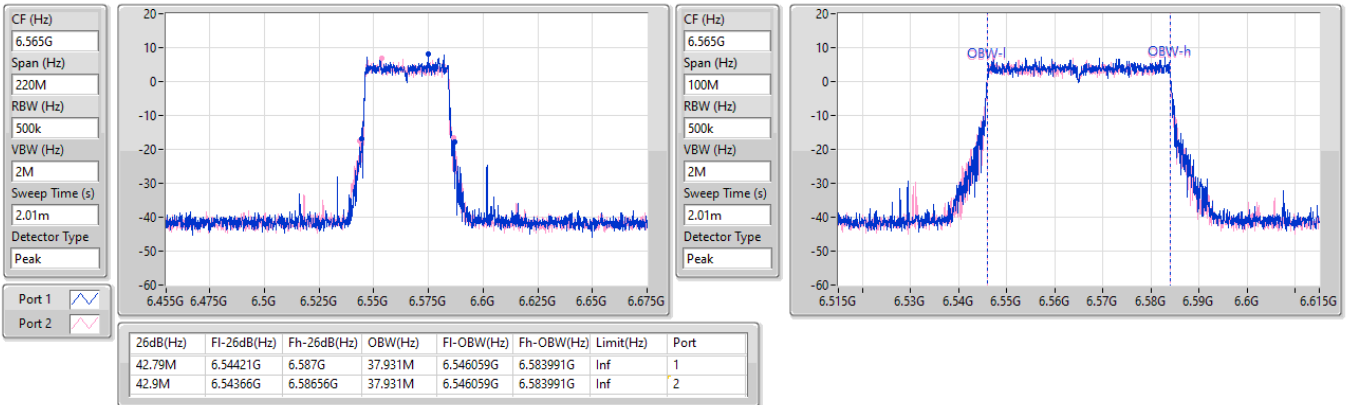


## 6.525-6.875GHz\_802.11be EHT40\_Nss1,(MCS0)\_2TX

EBW

6565MHz

21/01/2025

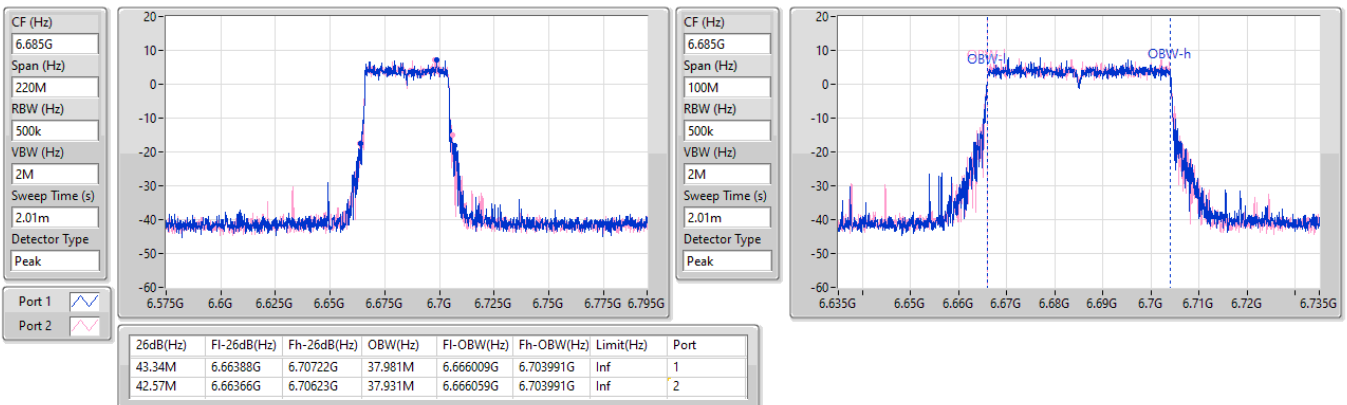


## 6.525-6.875GHz\_802.11be EHT40\_Nss1,(MCS0)\_2TX

EBW

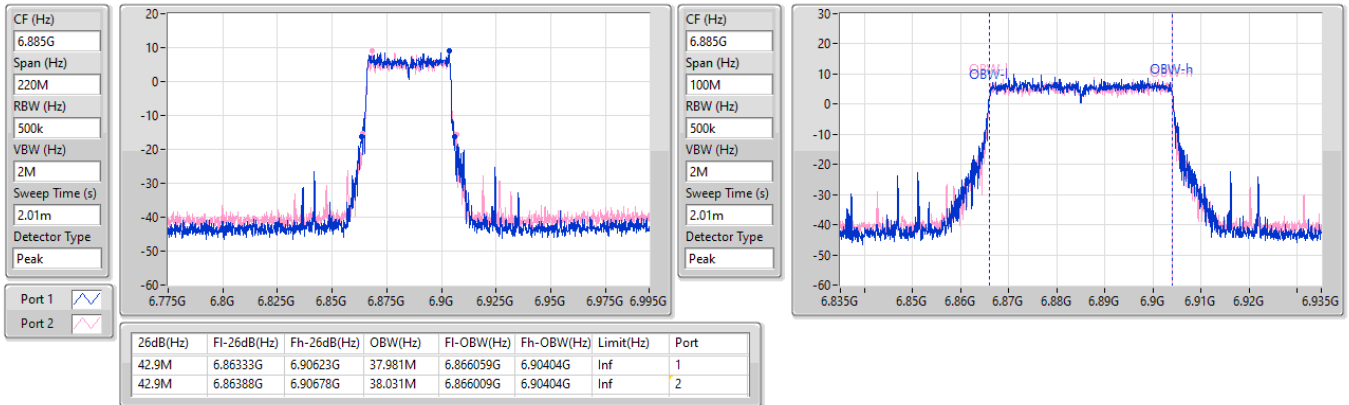
6685MHz

21/01/2025

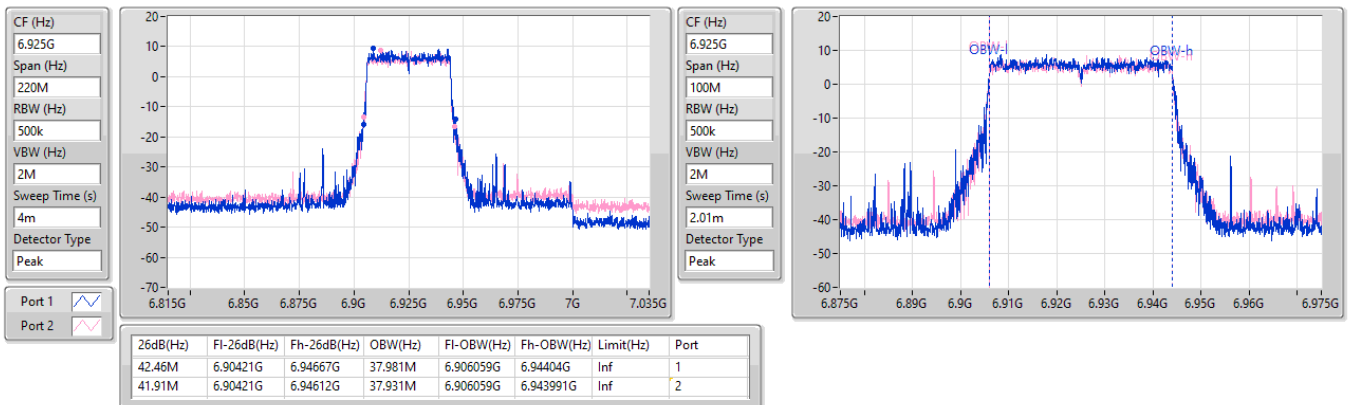


**6.525-6.875GHz\_802.11be EHT40\_Nss1,(MCS0)\_2TX**
**EBW**
**6885MHz**

21/01/2025

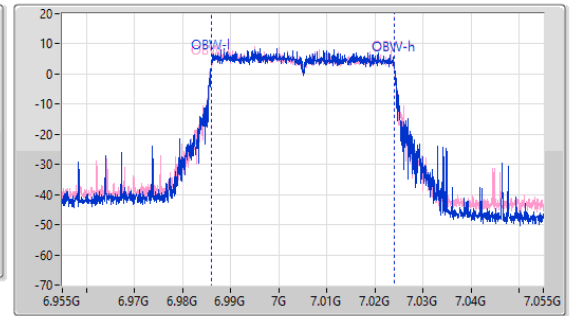
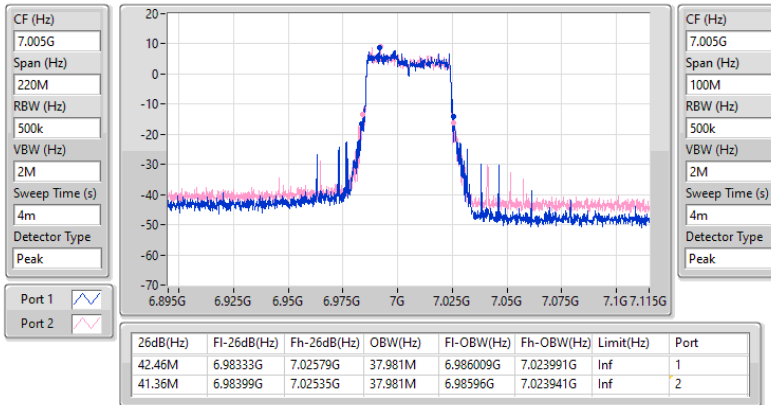

**6.875-7.125GHz\_802.11be EHT40\_Nss1,(MCS0)\_2TX**
**EBW**
**6925MHz**

21/01/2025

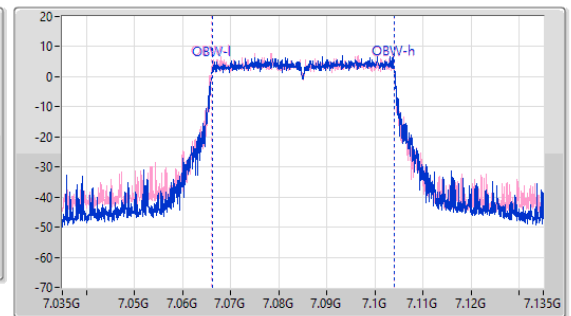
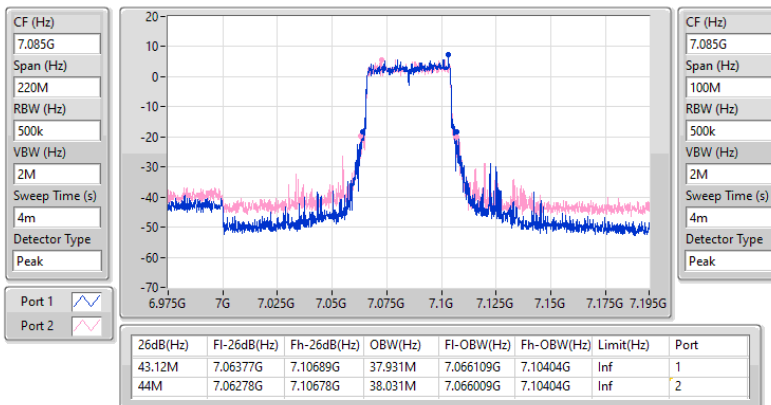


**6.875-7.125GHz\_802.11be EHT40\_Nss1,(MCS0)\_2TX**
**EBW**
**7005MHz**

21/01/2025

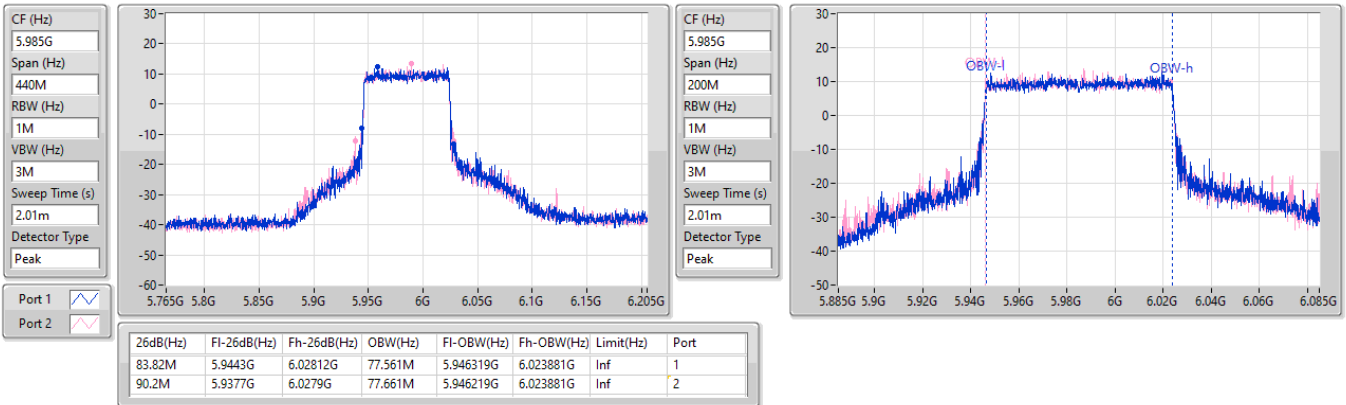

**6.875-7.125GHz\_802.11be EHT40\_Nss1,(MCS0)\_2TX**
**EBW**
**7085MHz**

21/01/2025

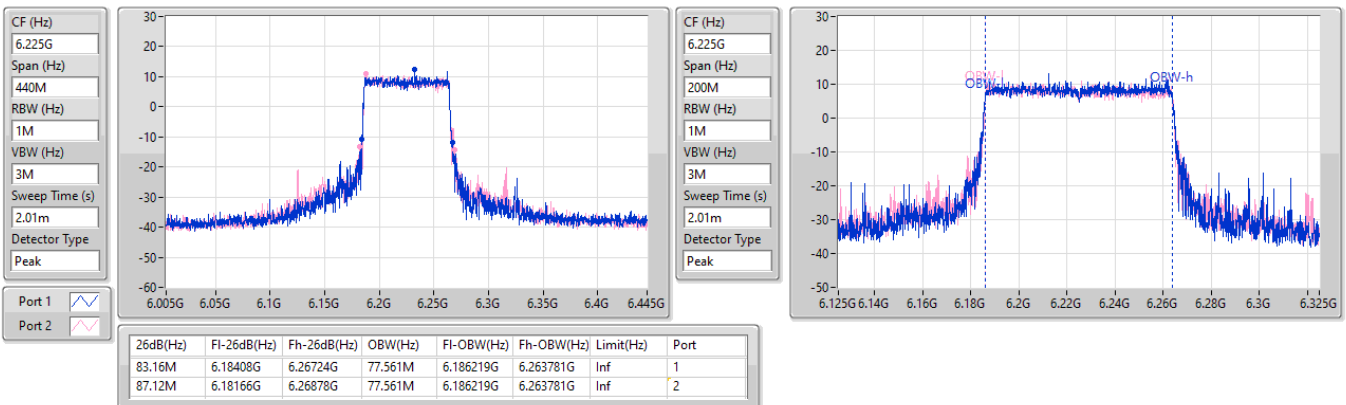


**5.925-6.425GHz\_802.11be EHT80\_Nss1,(MCS0)\_2TX**
**EBW**
**5985MHz**

21/01/2025

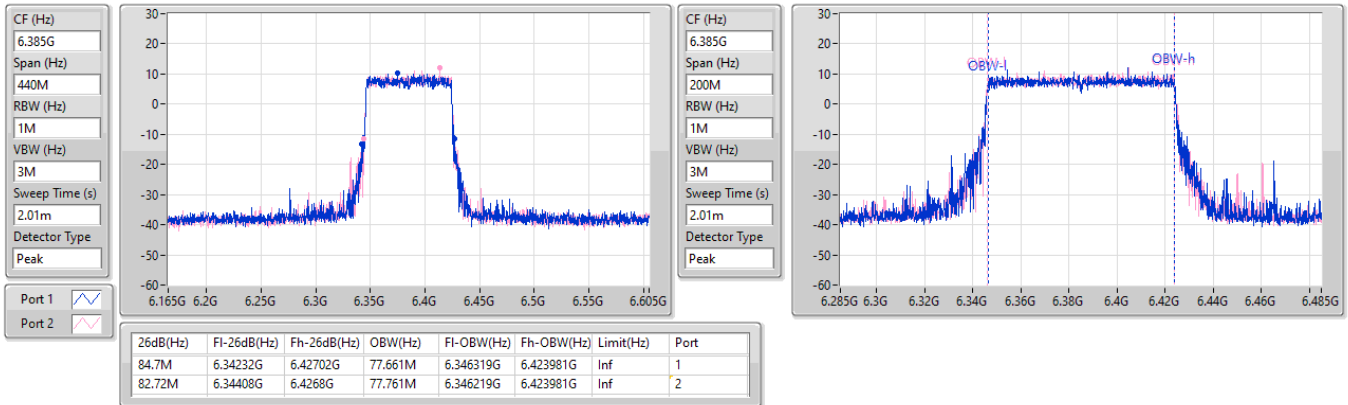

**5.925-6.425GHz\_802.11be EHT80\_Nss1,(MCS0)\_2TX**
**EBW**
**6225MHz**

21/01/2025

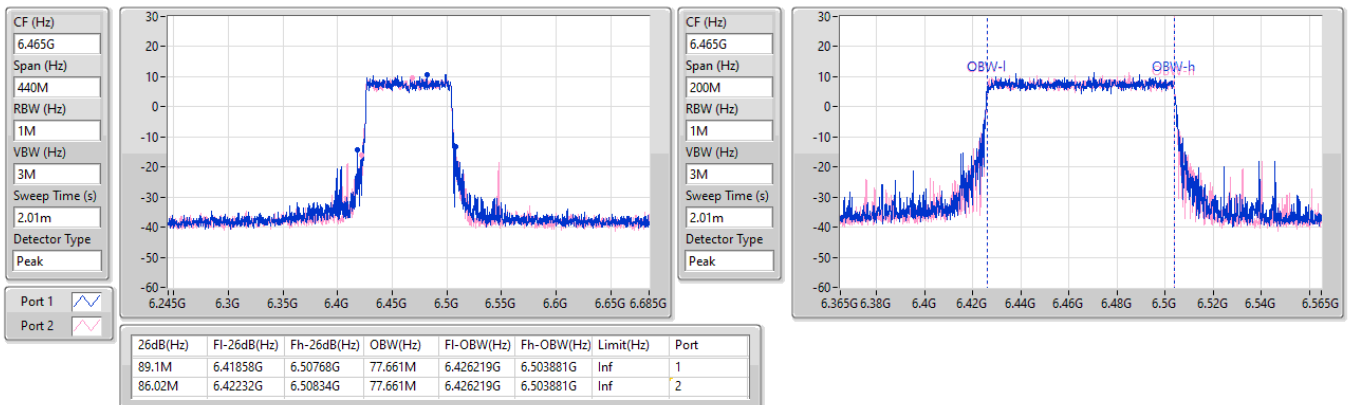


**5.925-6.425GHz\_802.11be EHT80\_Nss1,(MCS0)\_2TX**
**EBW**
**6385MHz**

21/01/2025

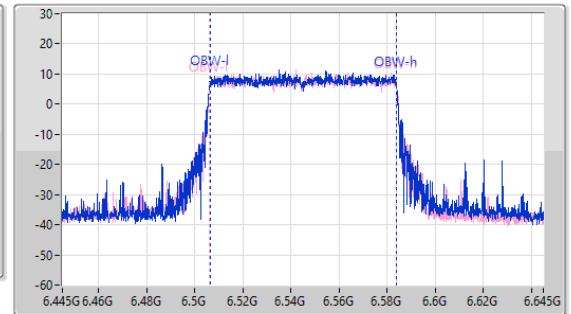
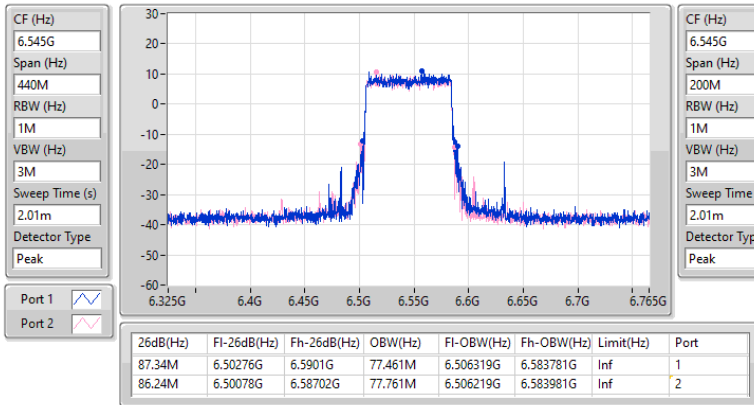

**6.425-6.525GHz\_802.11be EHT80\_Nss1,(MCS0)\_2TX**
**EBW**
**6465MHz**

21/01/2025

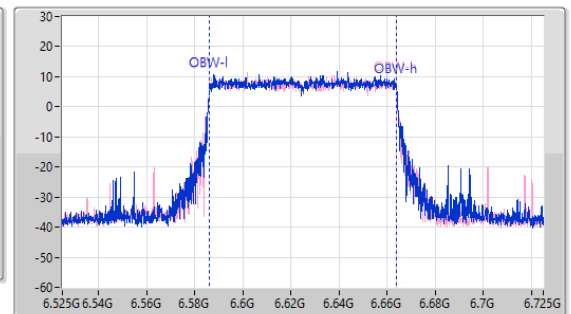
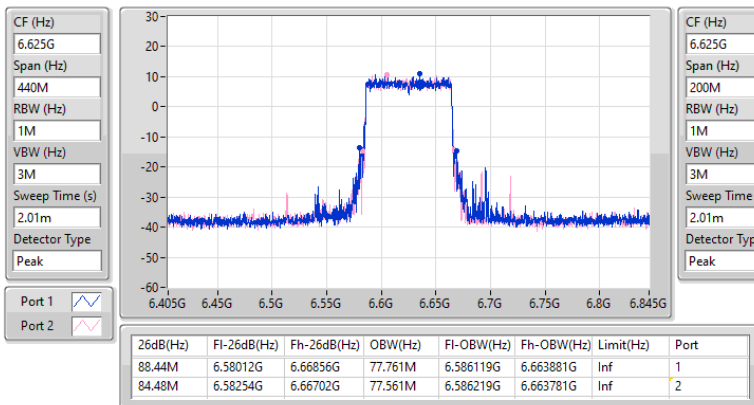


**6.425-6.525GHz\_802.11be EHT80\_Nss1,(MCS0)\_2TX**
**EBW**
**6545MHz**

21/01/2025


**6.525-6.875GHz\_802.11be EHT80\_Nss1,(MCS0)\_2TX**
**EBW**
**6625MHz**

21/01/2025

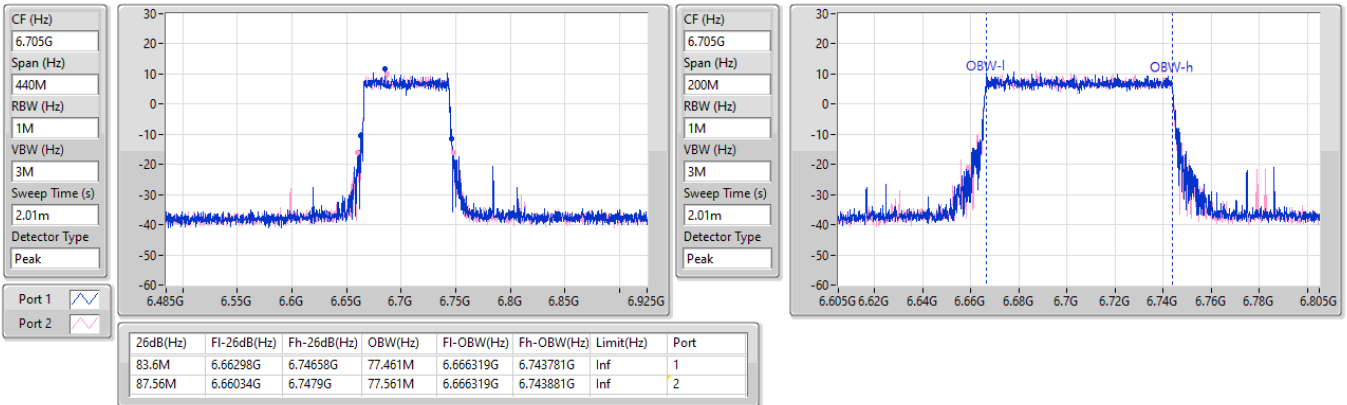


## 6.525-6.875GHz\_802.11be EHT80\_Nss1,(MCS0)\_2TX

EBW

6705MHz

21/01/2025

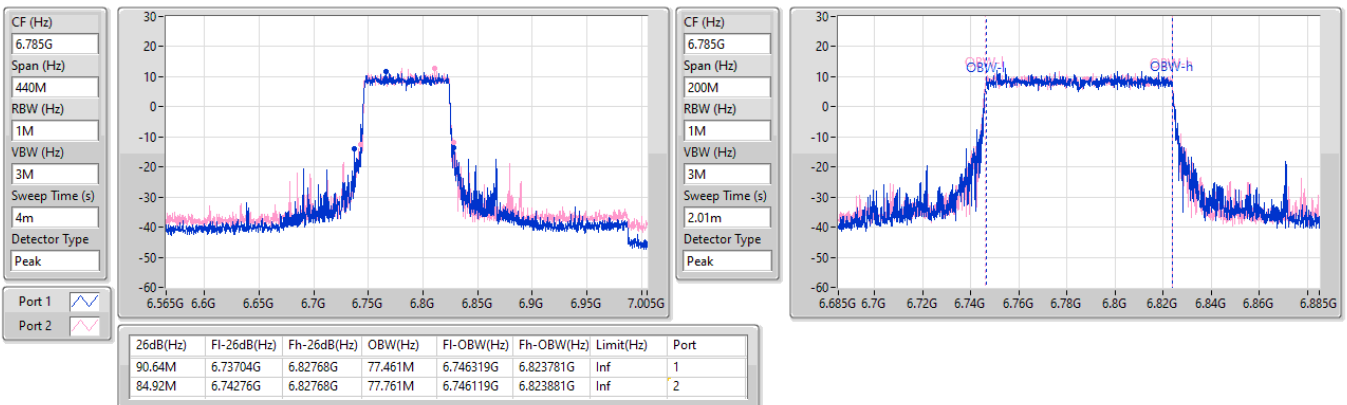


## 6.525-6.875GHz\_802.11be EHT80\_Nss1,(MCS0)\_2TX

EBW

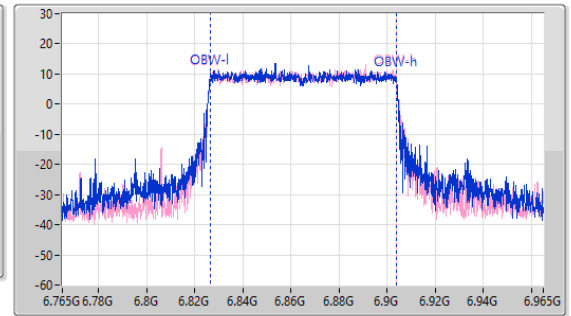
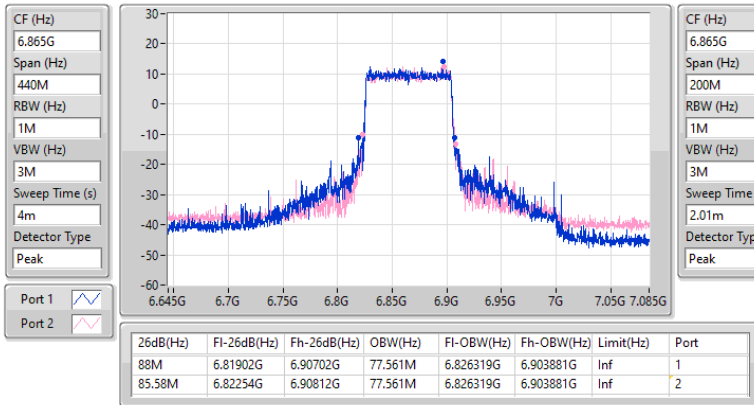
6785MHz

21/01/2025

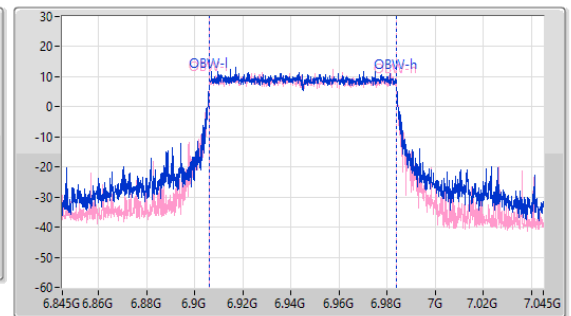
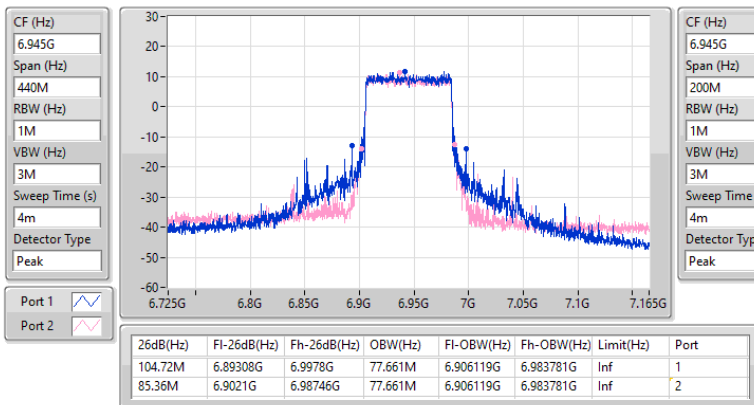


**6.525-6.875GHz\_802.11be EHT80\_Nss1,(MCS0)\_2TX**
**EBW**
**6865MHz**

21/01/2025

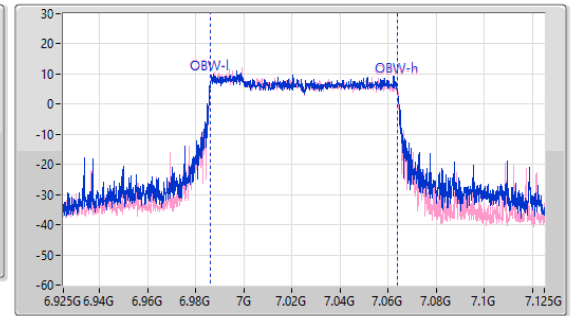
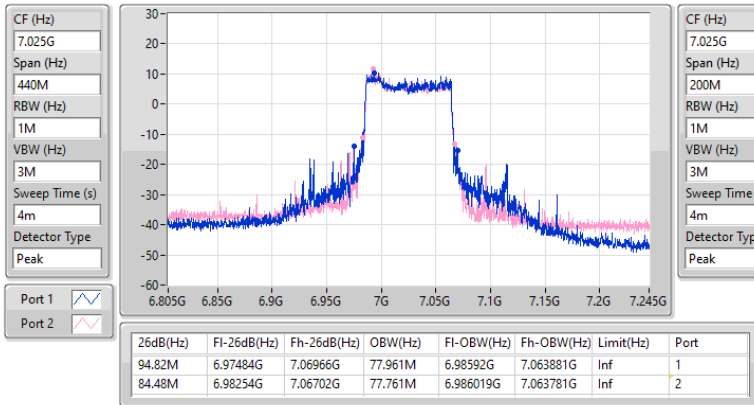

**6.875-7.125GHz\_802.11be EHT80\_Nss1,(MCS0)\_2TX**
**EBW**
**6945MHz**

21/01/2025

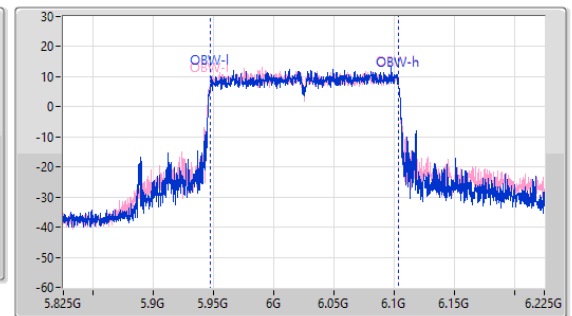
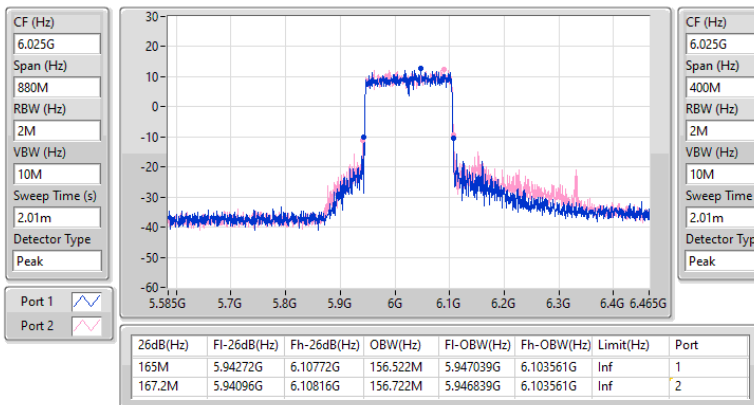


**6.875-7.125GHz\_802.11be EHT80\_Nss1,(MCS0)\_2TX**
**EBW**
**7025MHz**

21/01/2025


**5.925-6.425GHz\_802.11be EHT160\_Nss1,(MCS0)\_2TX**
**EBW**
**6025MHz**

21/01/2025

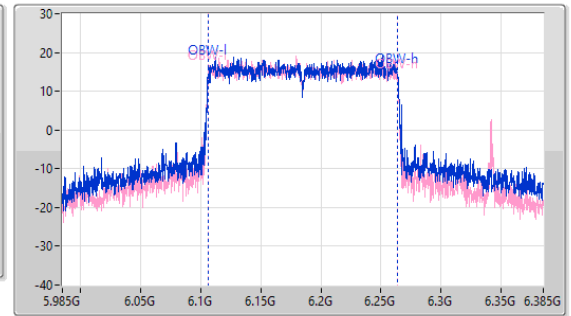
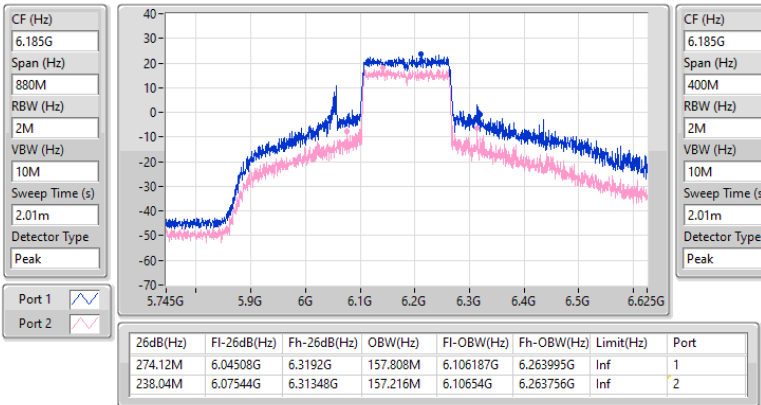


5.925-6.425GHz\_802.11be EHT160\_Nss1,(MCS0)\_2TX

EBW

6185MHz

26/05/2025

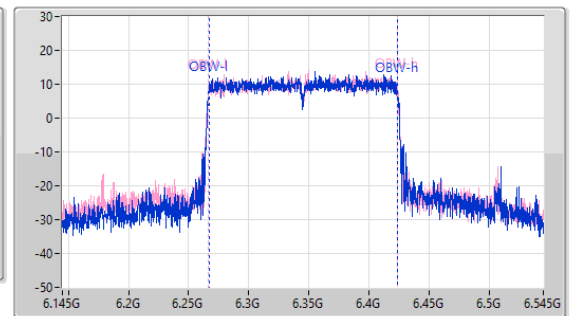
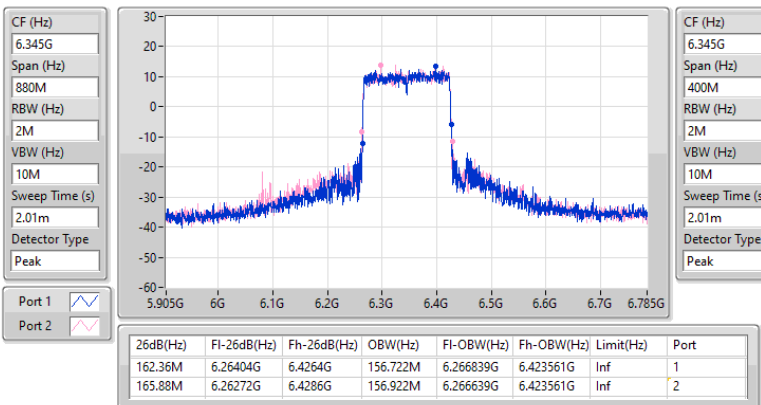


5.925-6.425GHz\_802.11be EHT160\_Nss1,(MCS0)\_2TX

EBW

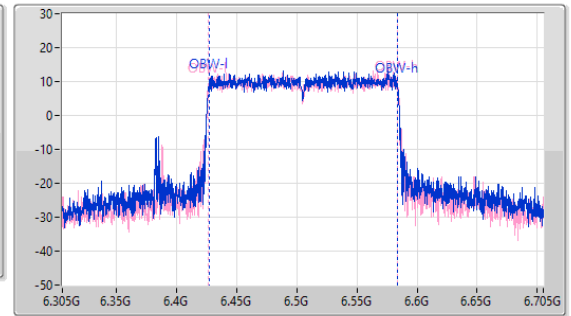
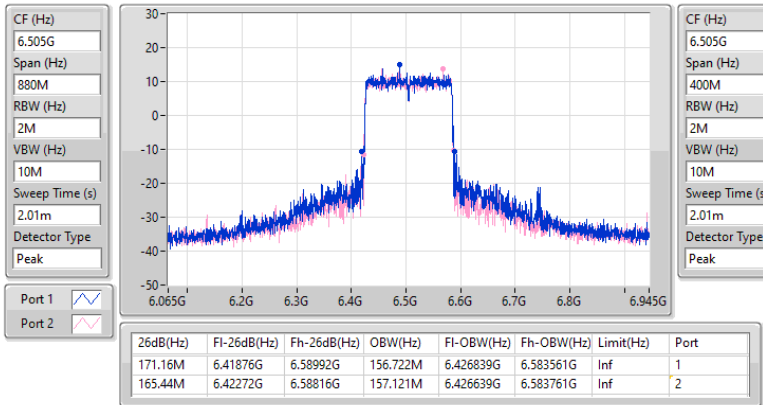
6345MHz

21/01/2025

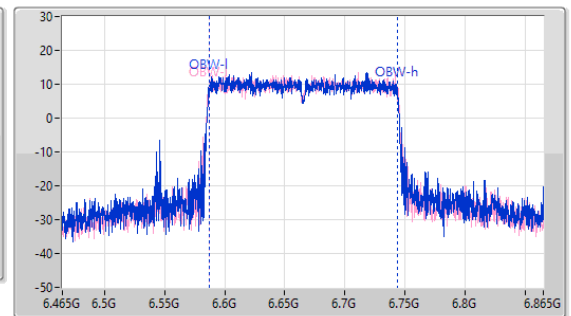
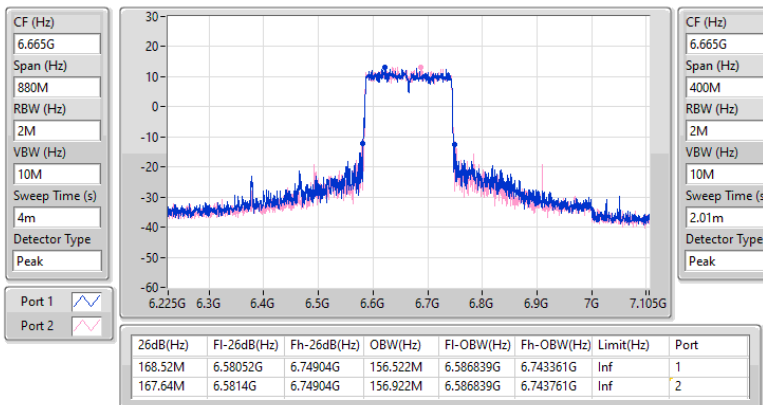


**6.425-6.525GHz\_802.11be EHT160\_Nss1,(MCS0)\_2TX**
**EBW**
**6505MHz**

21/01/2025


**6.525-6.875GHz\_802.11be EHT160\_Nss1,(MCS0)\_2TX**
**EBW**
**6665MHz**

21/01/2025

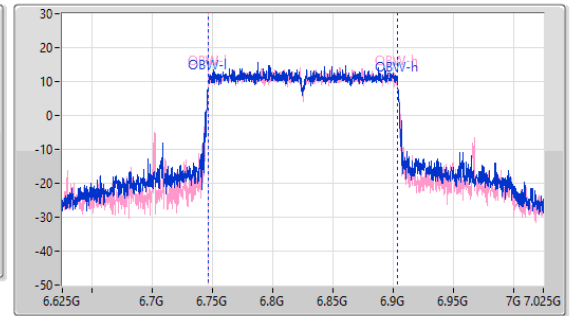
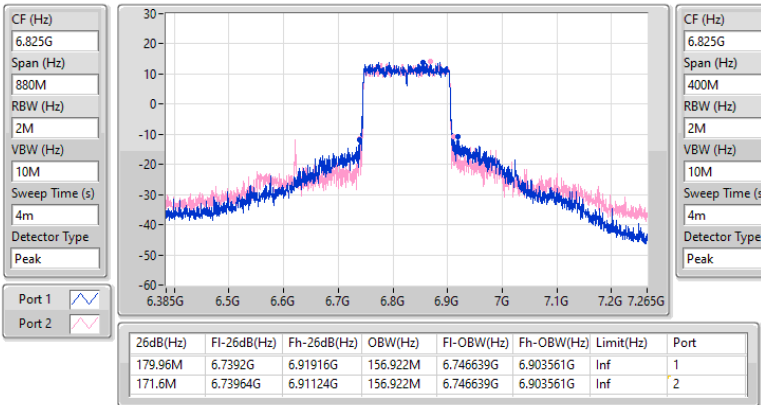


## 6.525-6.875GHz\_802.11be EHT160\_Nss1,(MCS0)\_2TX

EBW

6825MHz

21/01/2025

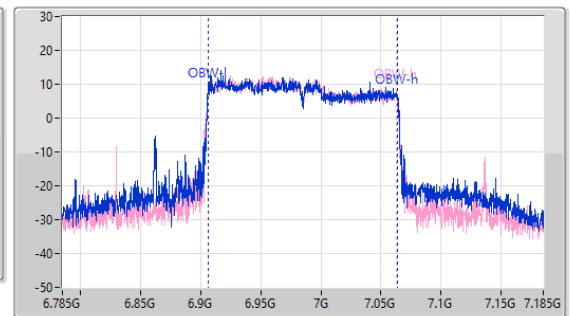
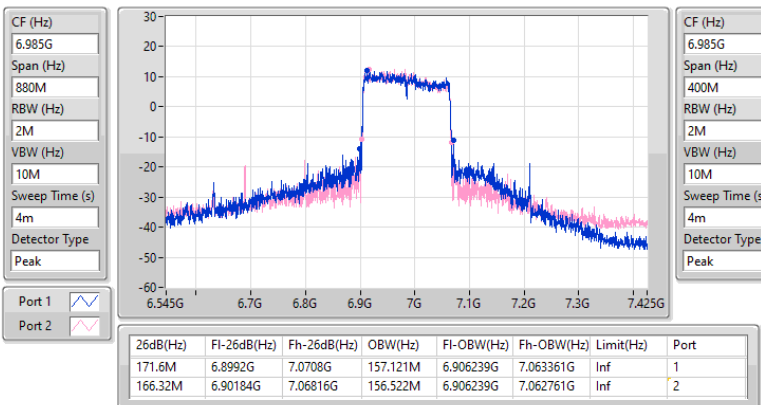


## 6.875-7.125GHz\_802.11be EHT160\_Nss1,(MCS0)\_2TX

EBW

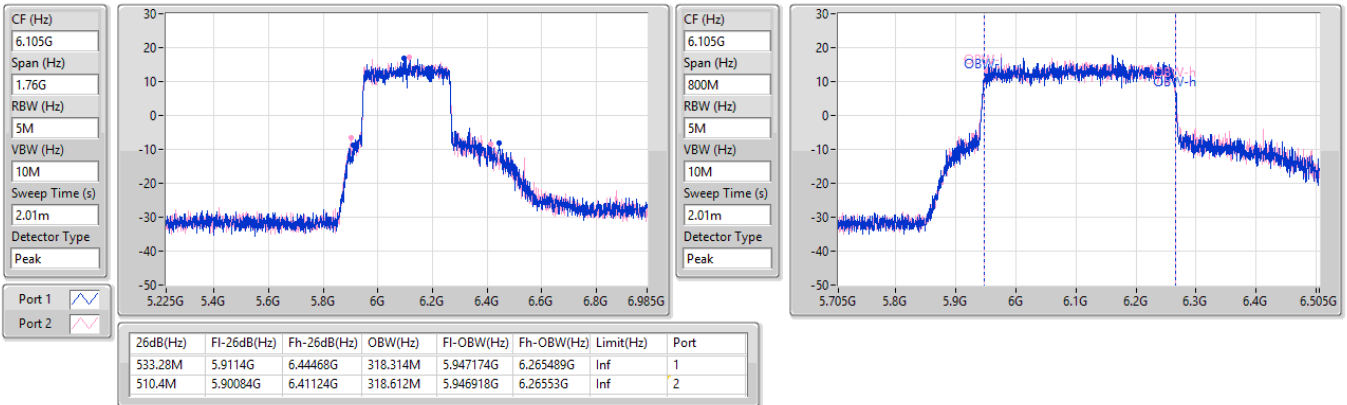
6985MHz

21/01/2025

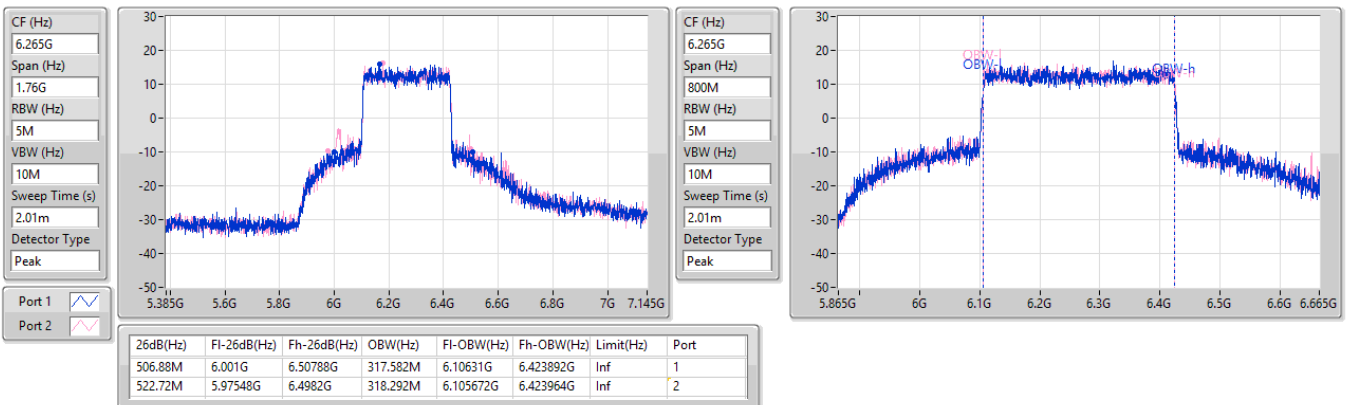


**5.925-6.425GHz\_802.11be EHT320\_Nss1,(MCS0)\_2TX**
**EBW**
**6105MHz**

26/05/2025


**5.925-6.425GHz\_802.11be EHT320\_Nss1,(MCS0)\_2TX**
**EBW**
**6265MHz**

26/05/2025

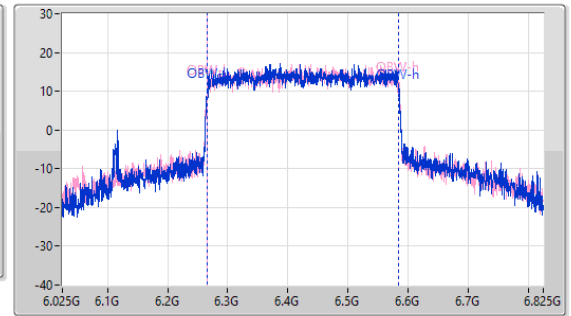
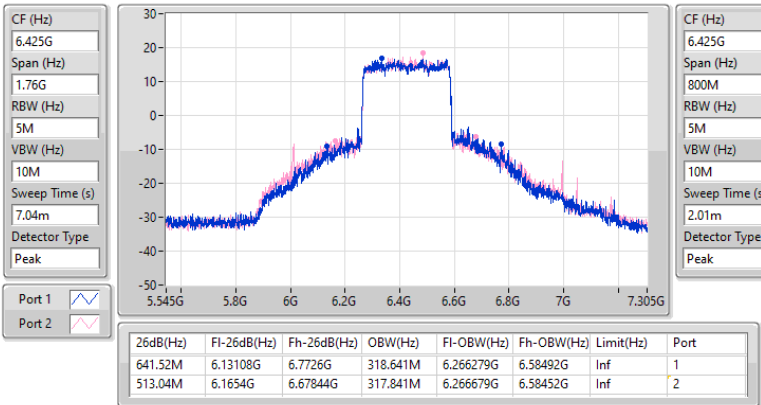


## 5.925-6.425GHz\_802.11be EHT320\_Nss1,(MCS0)\_2TX

EBW

6425MHz

21/01/2025

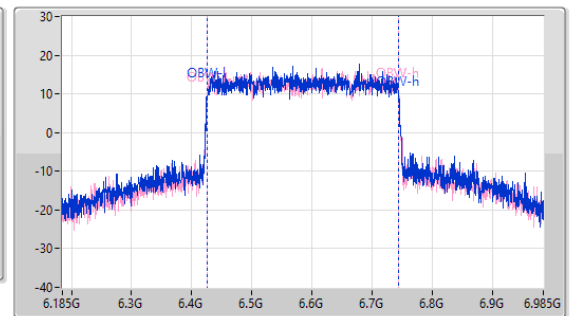
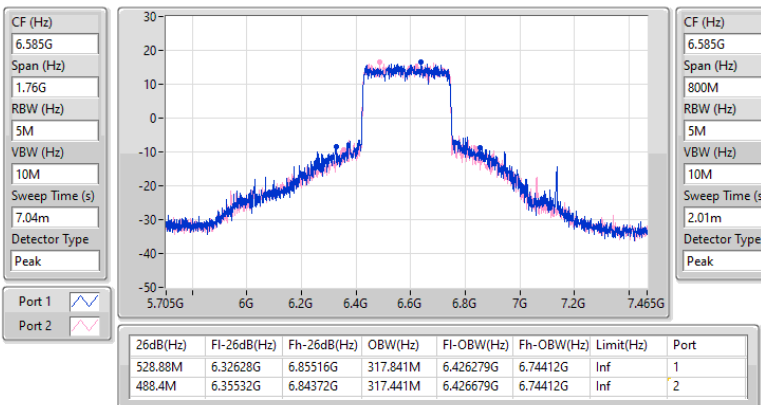


## 6.425-6.525GHz\_802.11be EHT320\_Nss1,(MCS0)\_2TX

EBW

6585MHz

21/01/2025

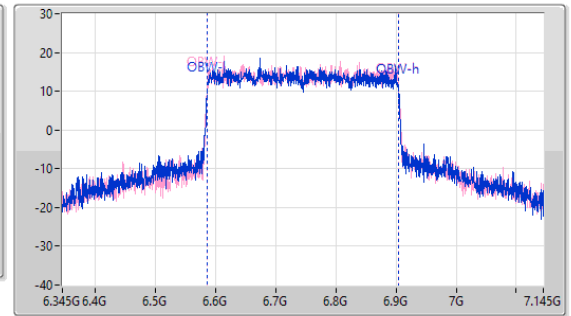
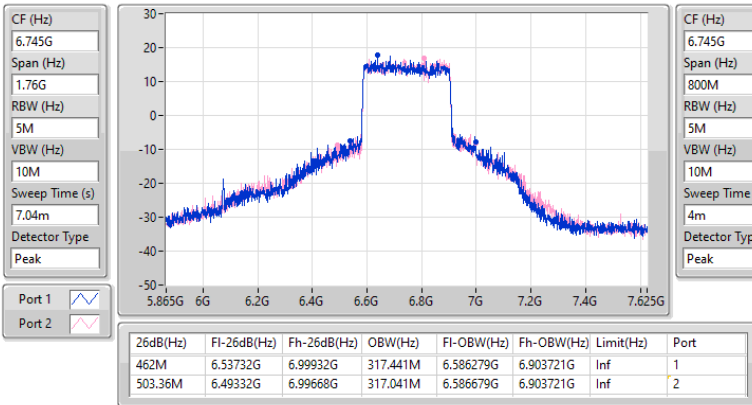


## 6.425-6.525GHz\_802.11be EHT320\_Nss1,(MCS0)\_2TX

EBW

6745MHz

21/01/2025

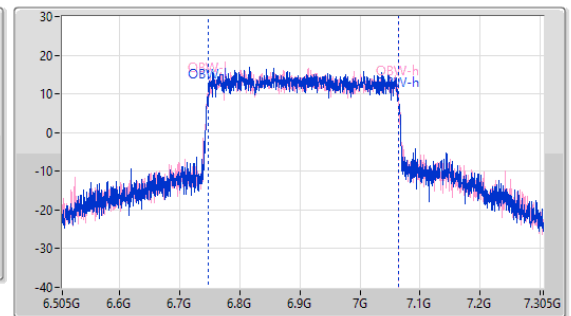
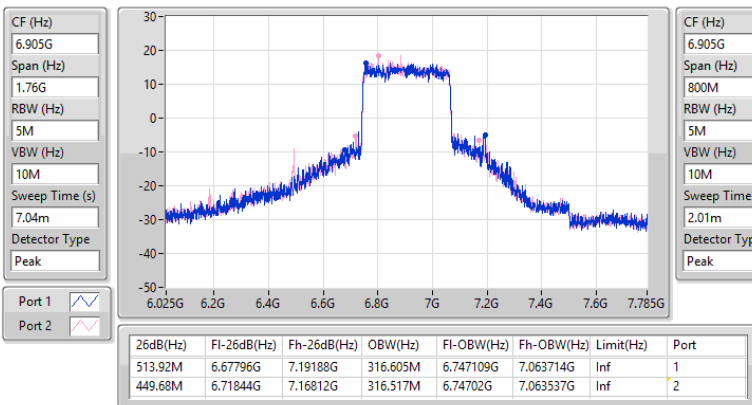


## 6.525-6.875GHz\_802.11be EHT320\_Nss1,(MCS0)\_2TX

EBW

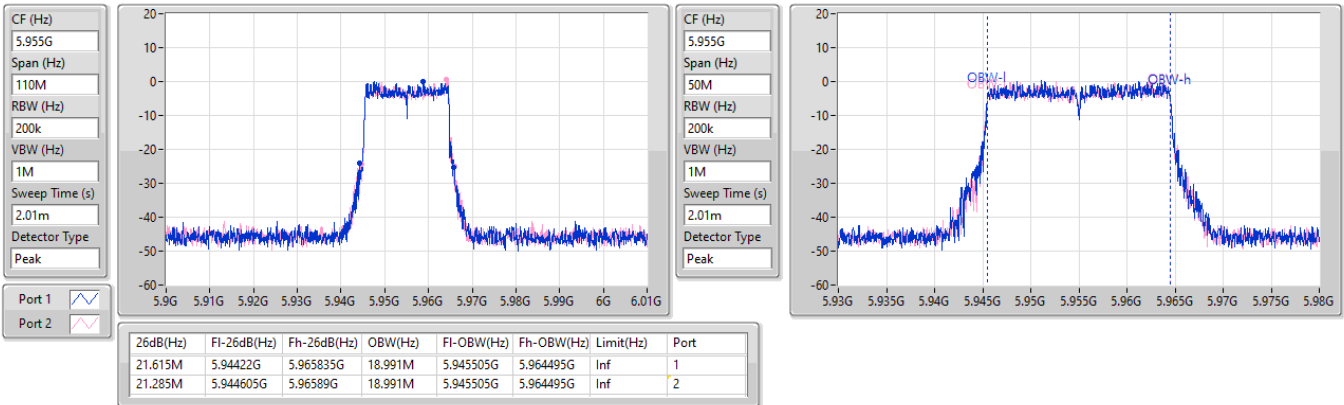
6905MHz

26/05/2025

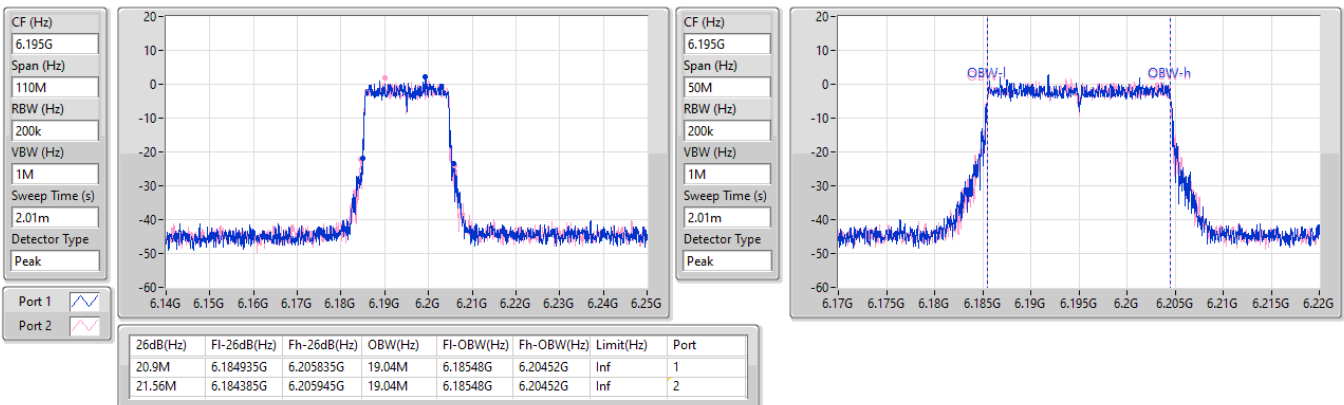


**5.925-6.425GHz\_802.11be EHT20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5955MHz**

11/02/2025

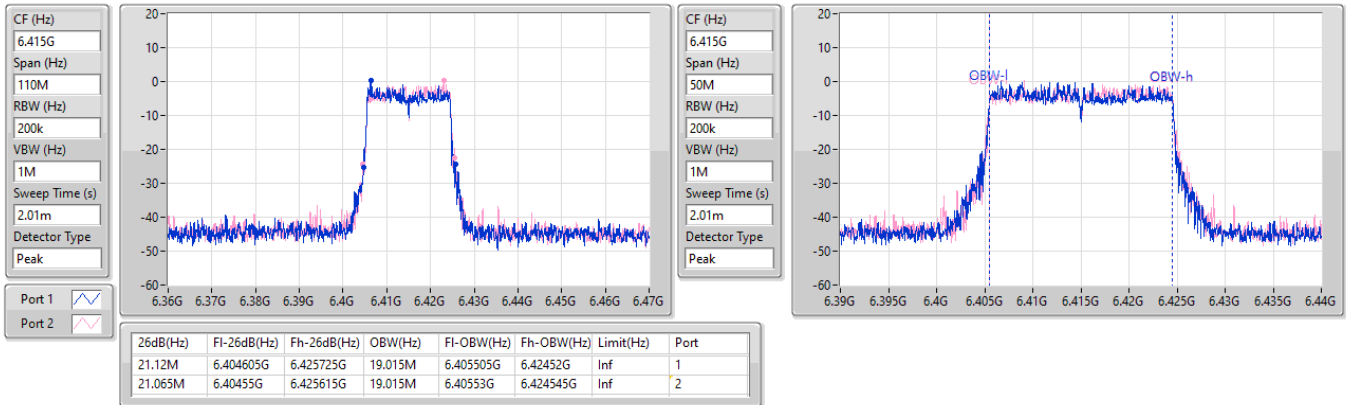

**5.925-6.425GHz\_802.11be EHT20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**6195MHz**

11/02/2025

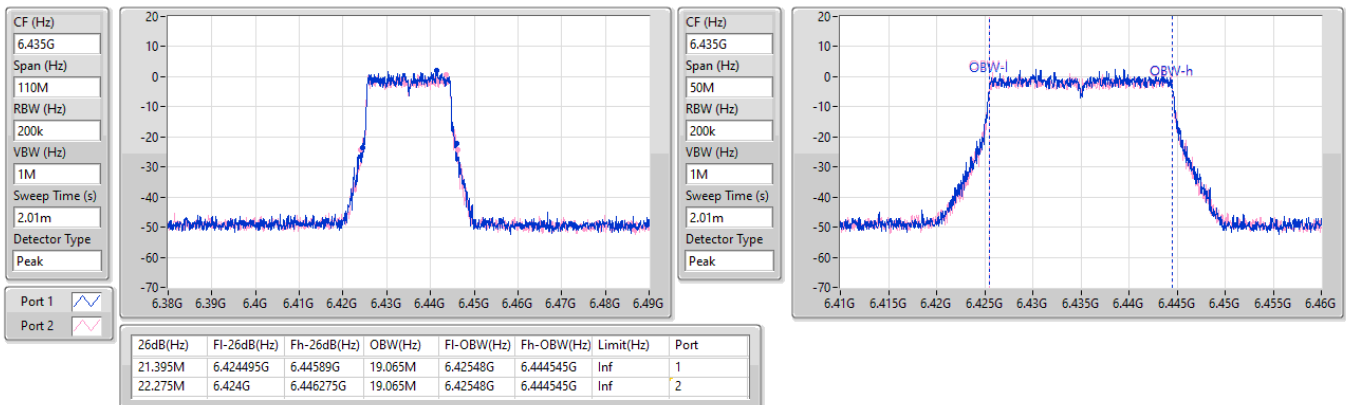


**5.925-6.425GHz\_802.11be EHT20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**6415MHz**

11/02/2025

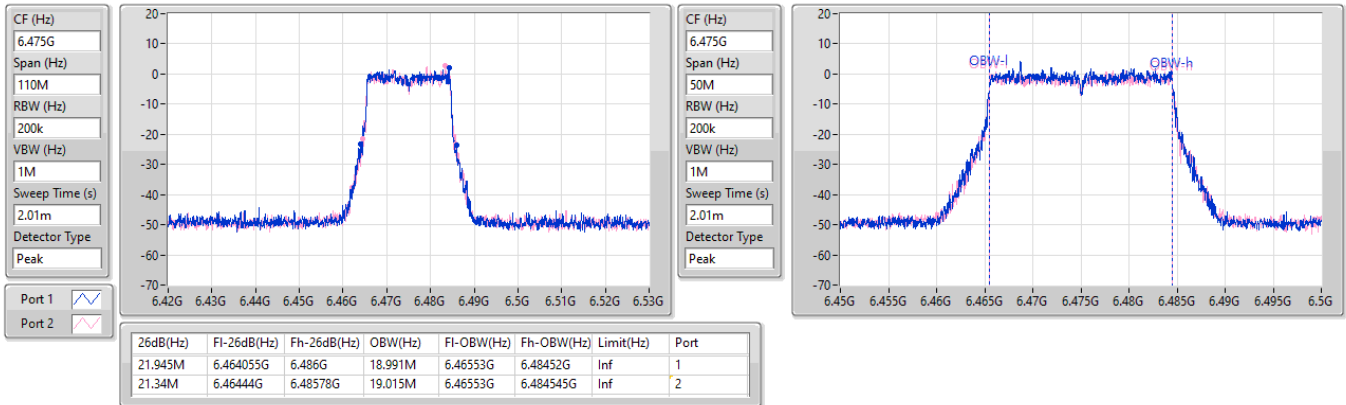

**6.425-6.525GHz\_802.11be EHT20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**6435MHz**

11/02/2025

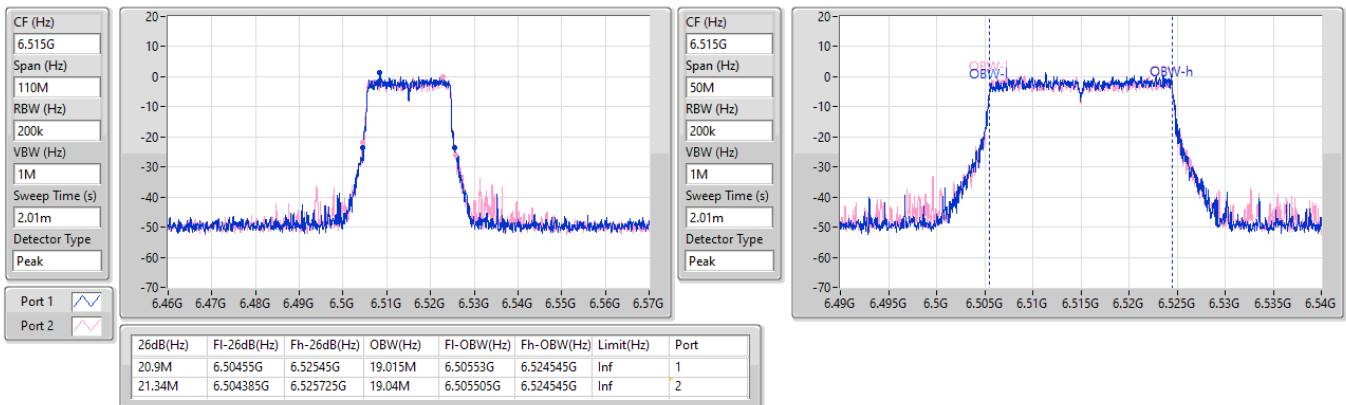


**6.425-6.525GHz\_802.11be EHT20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**6475MHz**

11/02/2025

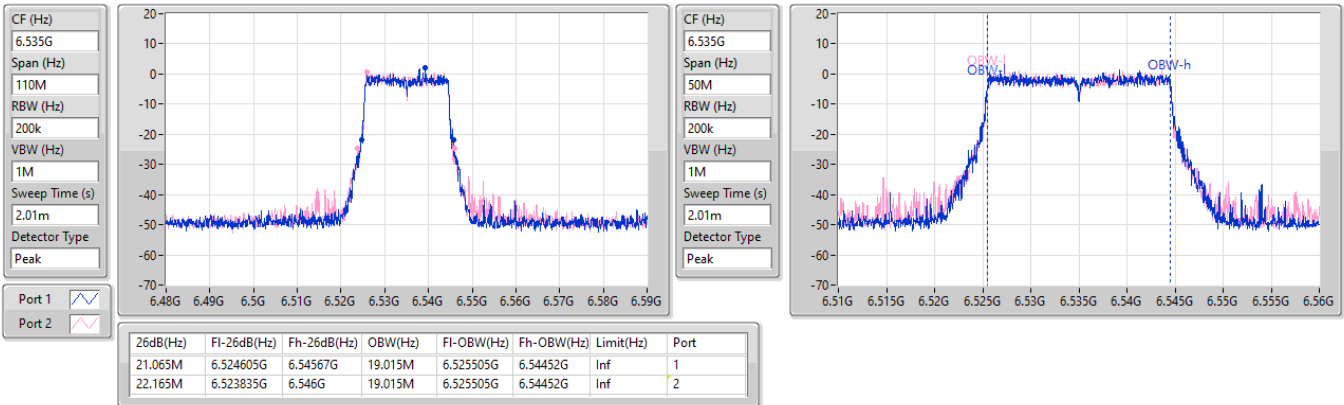

**6.425-6.525GHz\_802.11be EHT20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**6515MHz**

11/02/2025

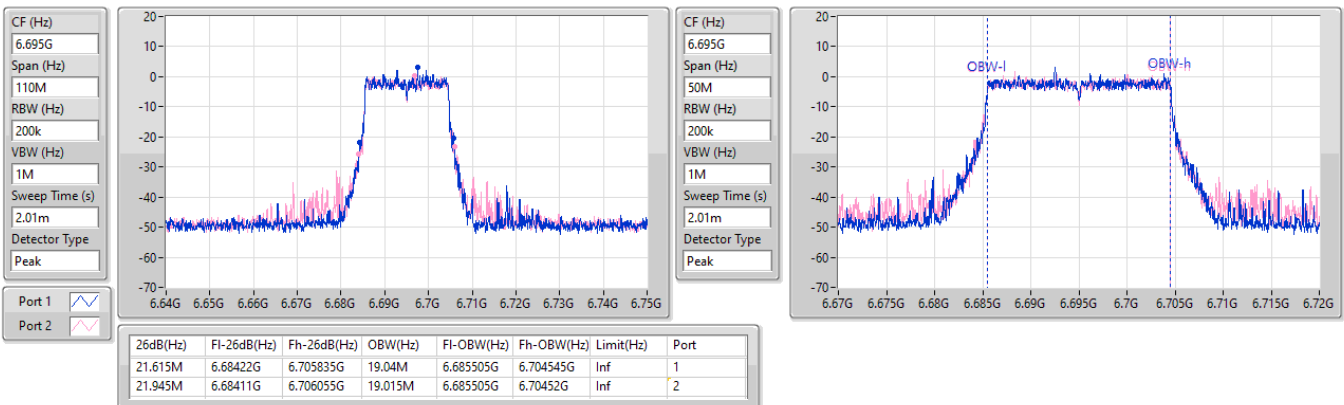


**6.525-6.875GHz\_802.11be EHT20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**6535MHz**

11/02/2025


**6.525-6.875GHz\_802.11be EHT20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**6695MHz**

11/02/2025

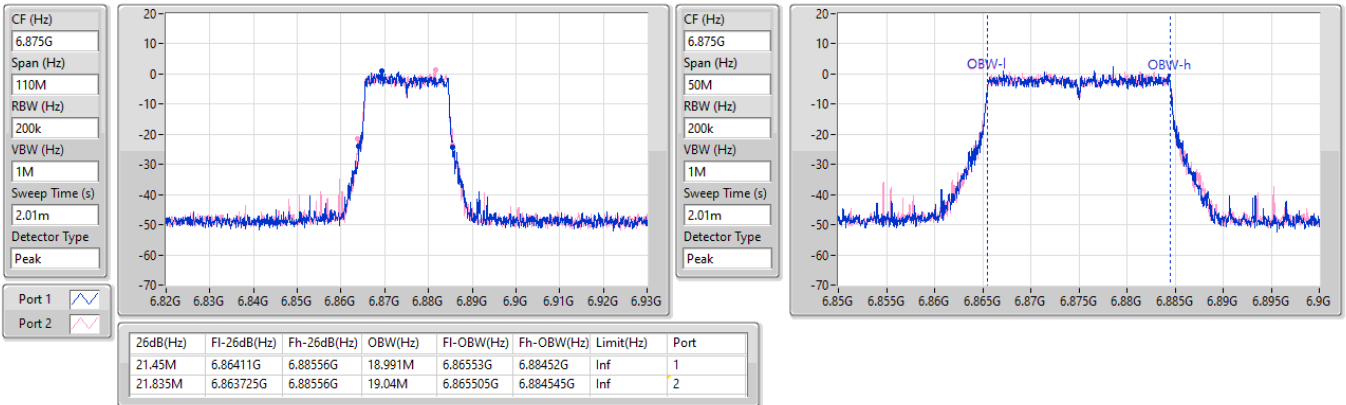


## 6.525-6.875GHz\_802.11be EHT20-BF\_Nss1,(MCS0)\_2TX

EBW

6875MHz

11/02/2025

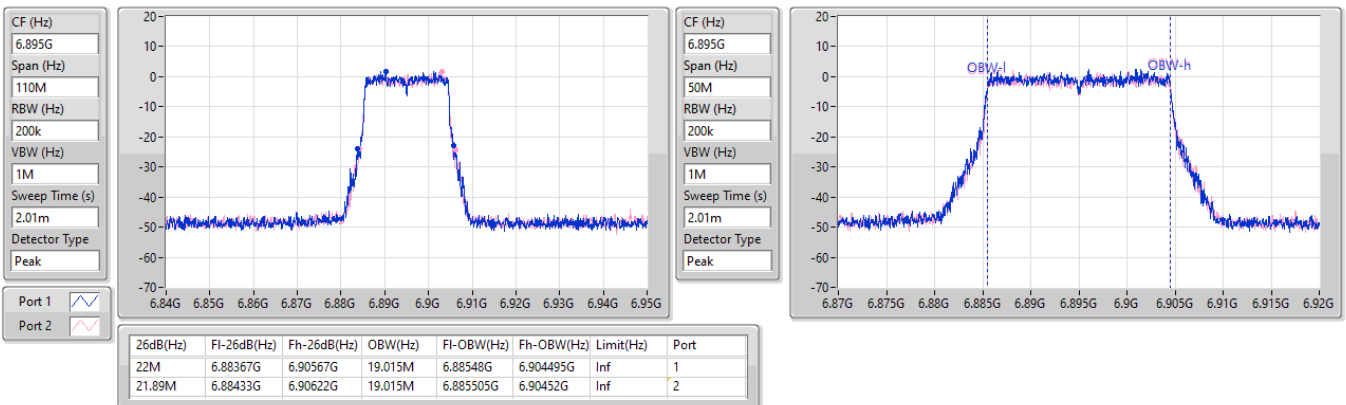


## 6.875-7.125GHz\_802.11be EHT20-BF\_Nss1,(MCS0)\_2TX

EBW

6895MHz

11/02/2025

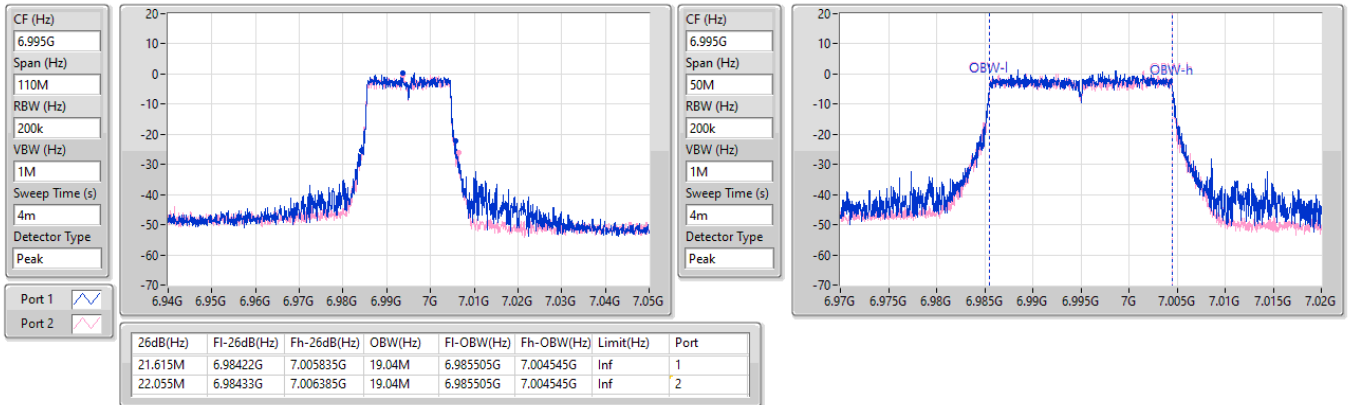


## 6.875-7.125GHz\_802.11be EHT20-BF\_Nss1,(MCS0)\_2TX

EBW

6995MHz

11/02/2025

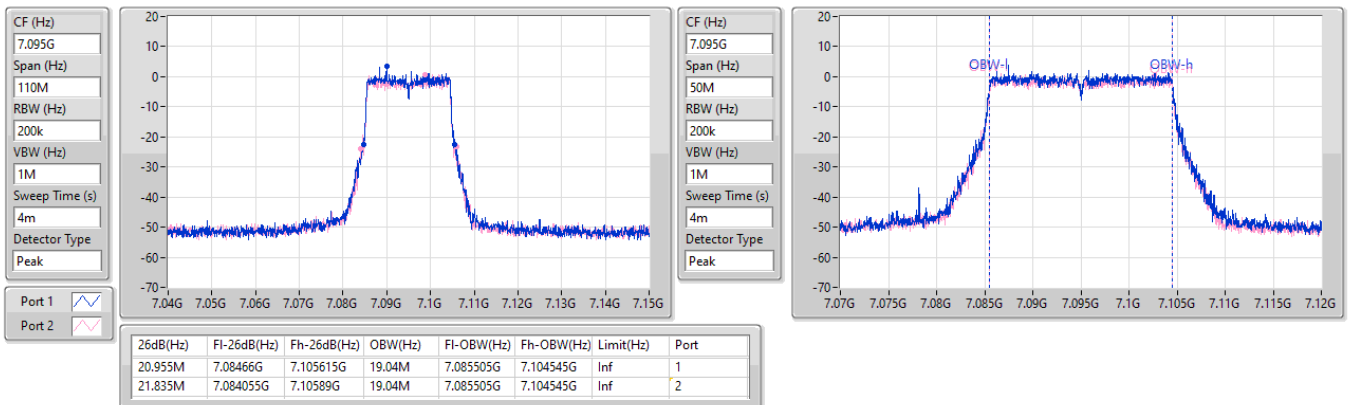


## 6.875-7.125GHz\_802.11be EHT20-BF\_Nss1,(MCS0)\_2TX

EBW

7095MHz

11/02/2025

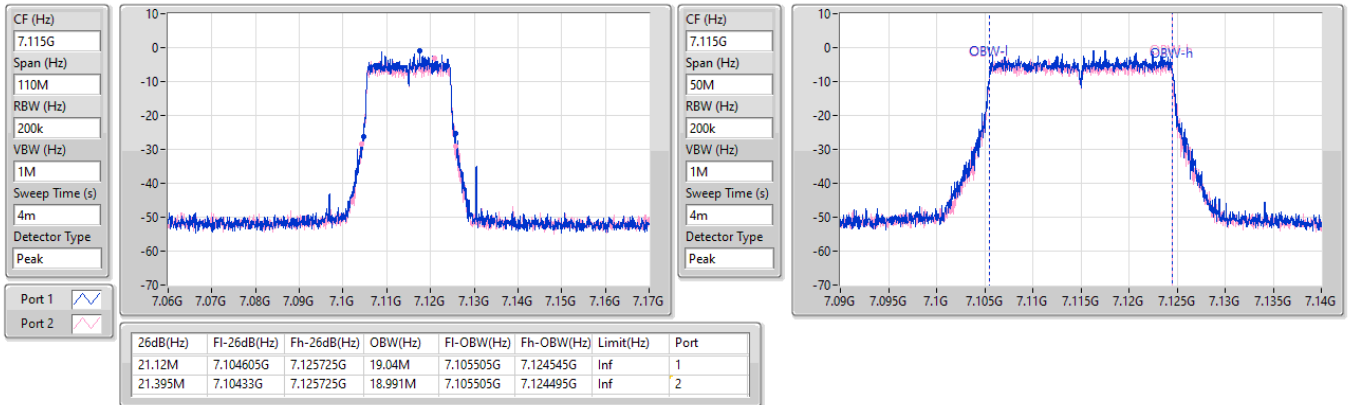


## 6.875-7.125GHz\_802.11be EHT20-BF\_Nss1,(MCS0)\_2TX

EBW

7115MHz

11/02/2025

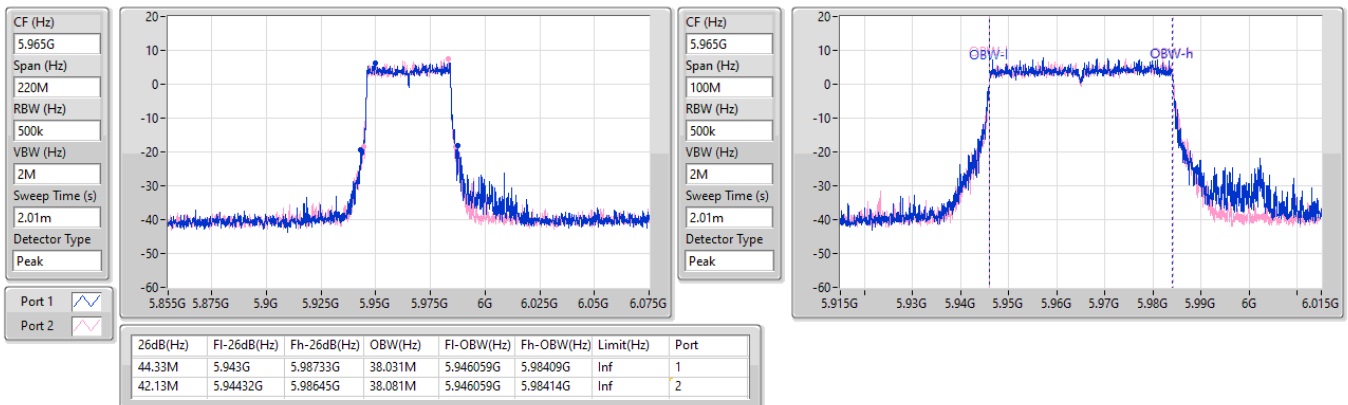


## 5.925-6.425GHz\_802.11be EHT40-BF\_Nss1,(MCS0)\_2TX

EBW

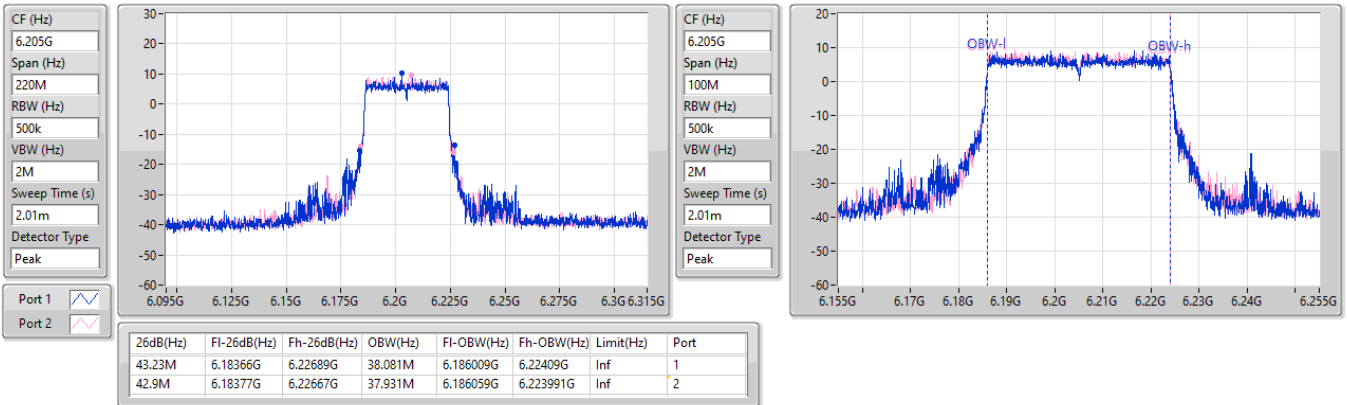
5965MHz

11/02/2025

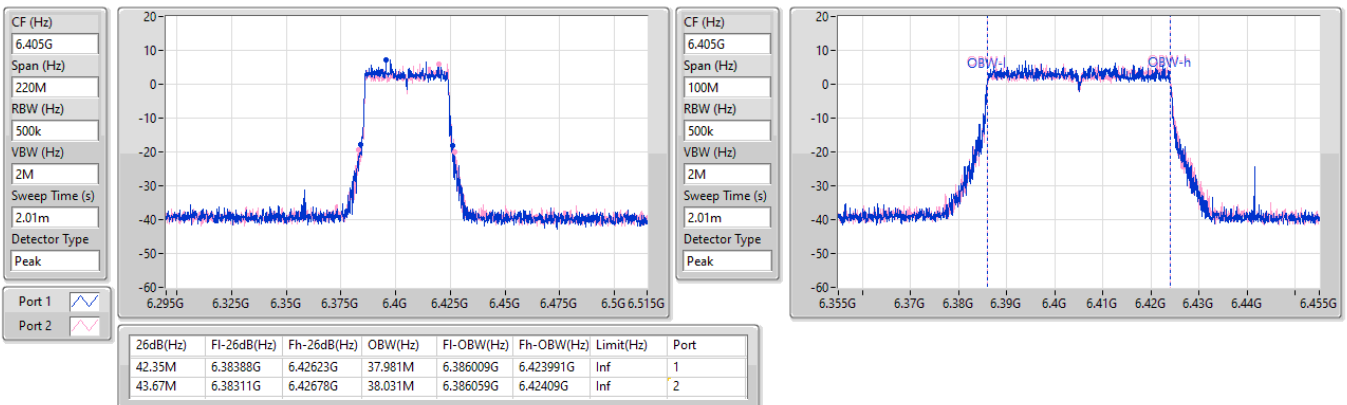


**5.925-6.425GHz\_802.11be EHT40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**6205MHz**

11/02/2025

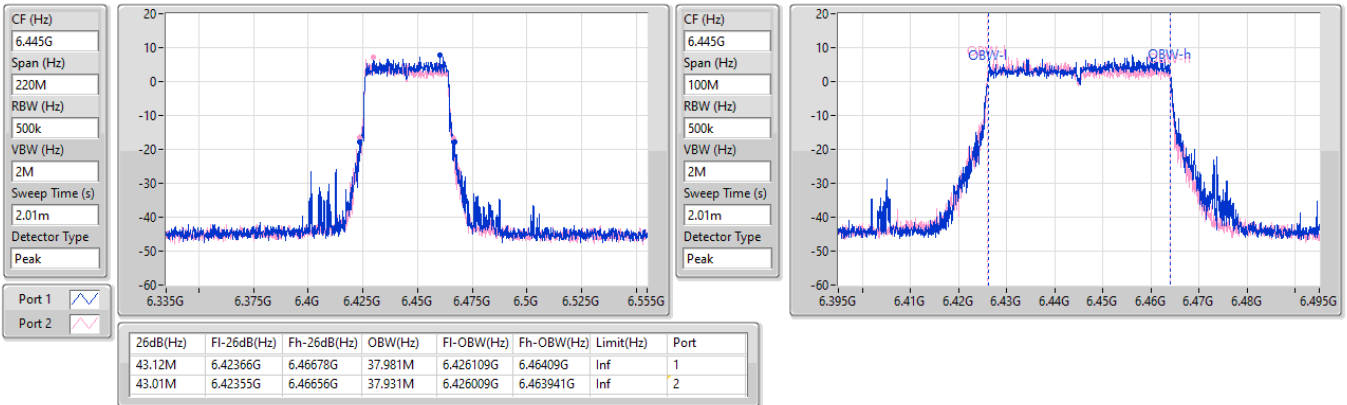

**5.925-6.425GHz\_802.11be EHT40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**6405MHz**

11/02/2025

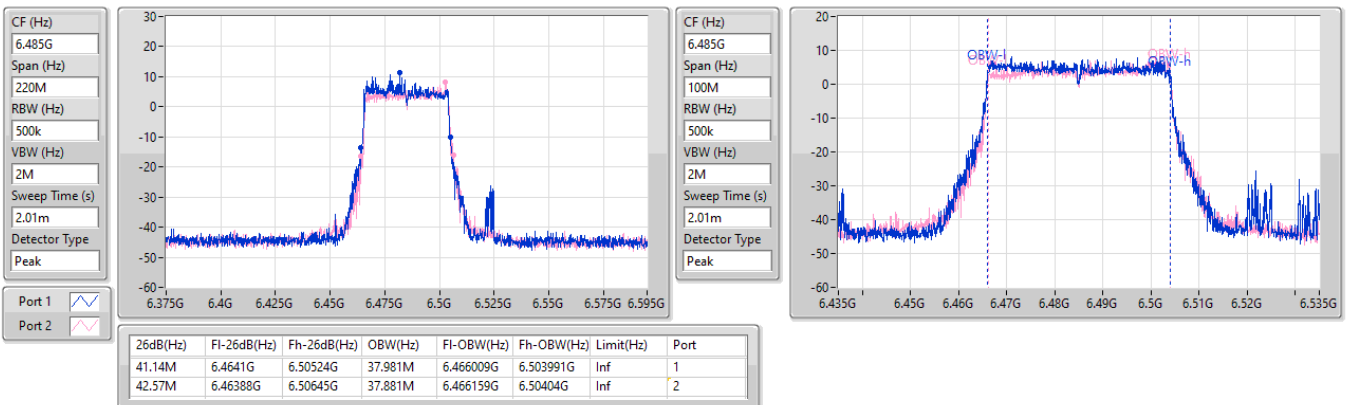


**6.425-6.525GHz\_802.11be EHT40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**6445MHz**

11/02/2025

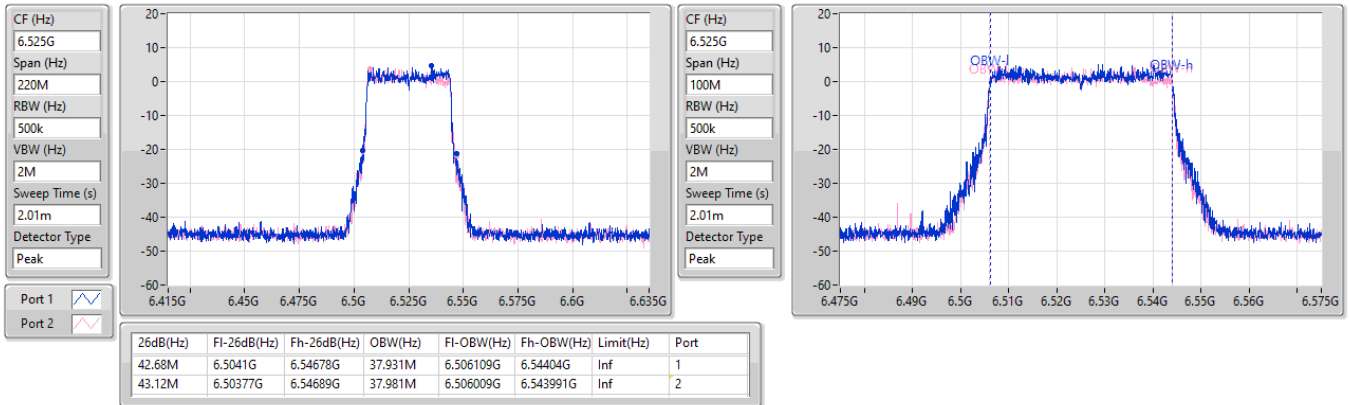

**6.425-6.525GHz\_802.11be EHT40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**6485MHz**

11/02/2025

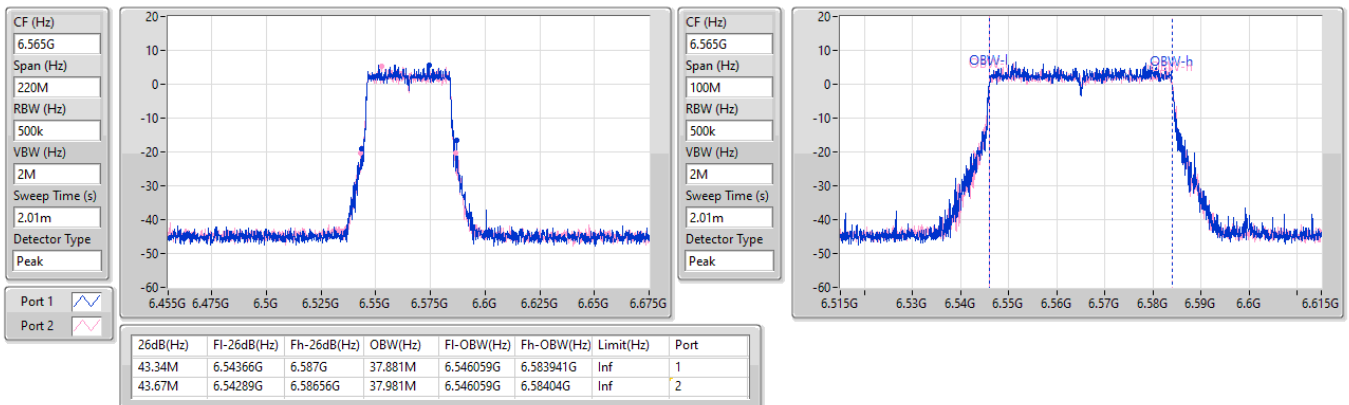


**6.425-6.525GHz\_802.11be EHT40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**6525MHz**

11/02/2025


**6.525-6.875GHz\_802.11be EHT40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**6565MHz**

11/02/2025

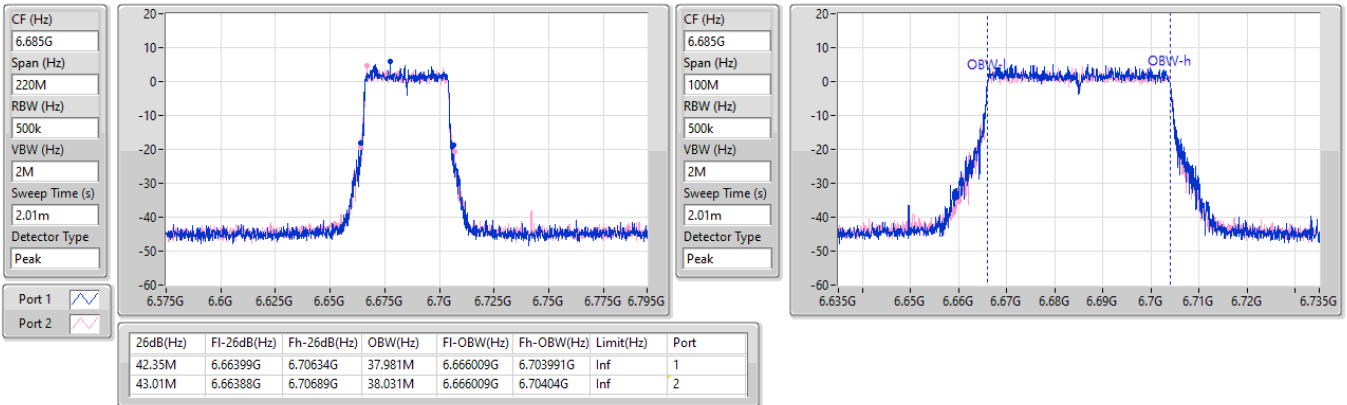


6.525-6.875GHz\_802.11be EHT40-BF\_Nss1,(MCS0)\_2TX

EBW

6685MHz

11/02/2025

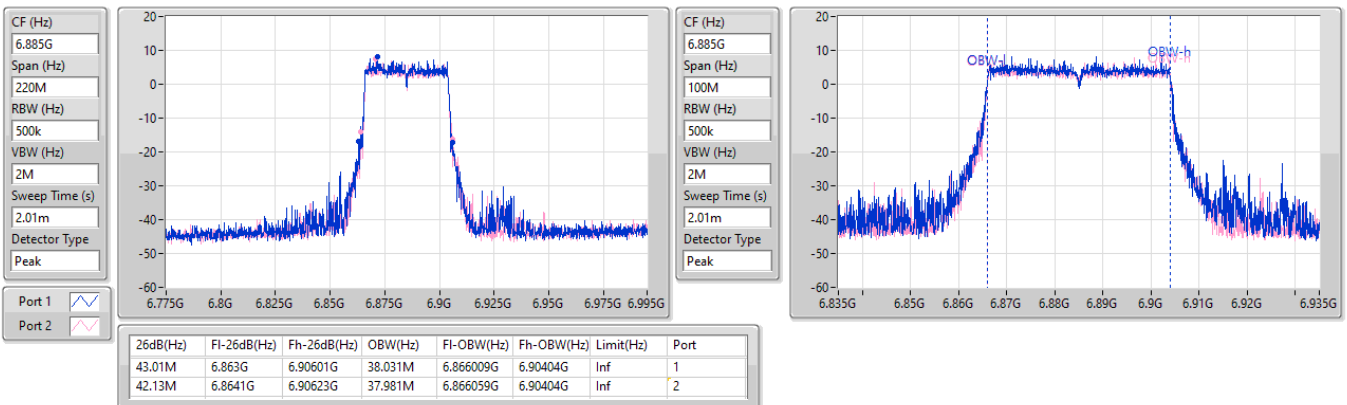


6.525-6.875GHz\_802.11be EHT40-BF\_Nss1,(MCS0)\_2TX

EBW

6885MHz

11/02/2025

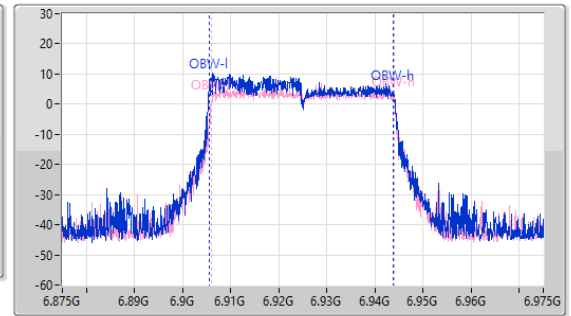
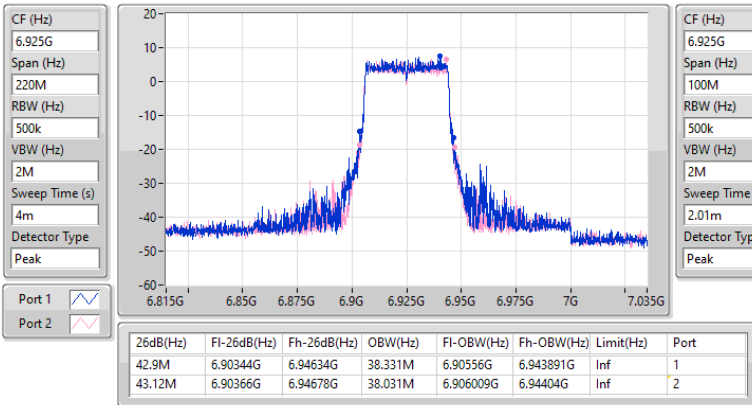


## 6.875-7.125GHz\_802.11be EHT40-BF\_Nss1,(MCS0)\_2TX

EBW

6925MHz

11/02/2025

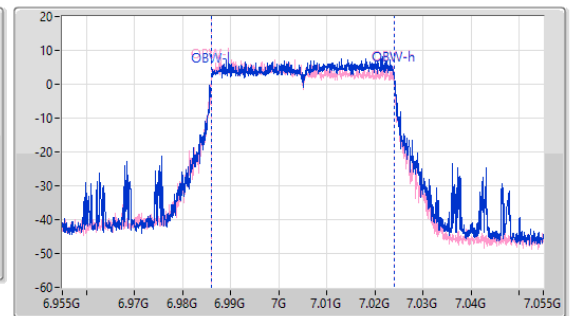
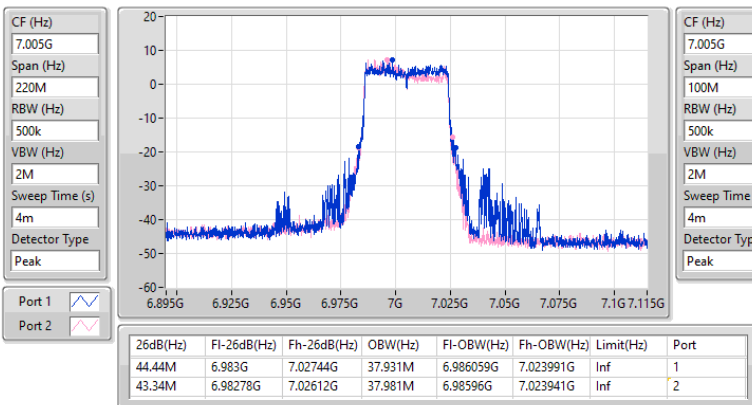


## 6.875-7.125GHz\_802.11be EHT40-BF\_Nss1,(MCS0)\_2TX

EBW

7005MHz

11/02/2025

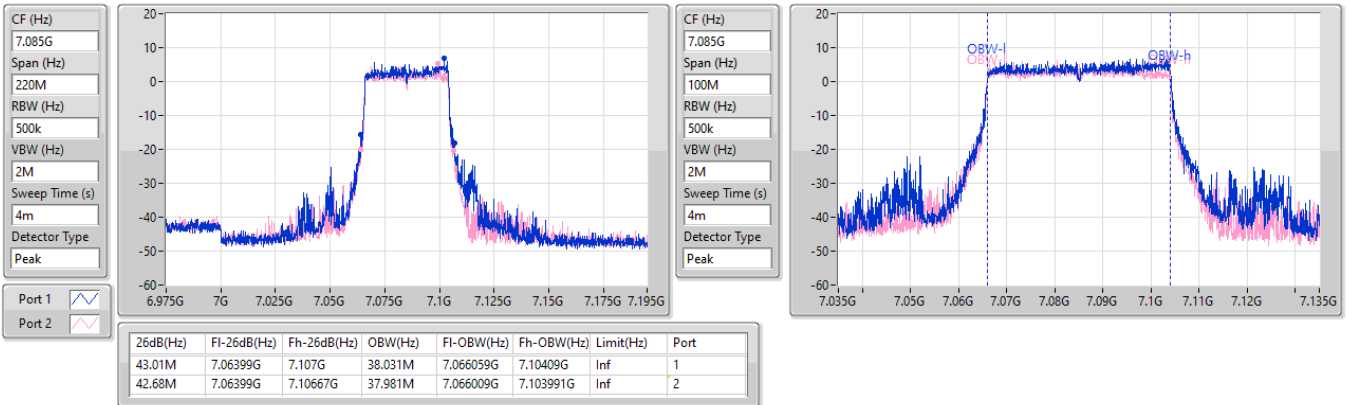


## 6.875-7.125GHz\_802.11be EHT40-BF\_Nss1,(MCS0)\_2TX

EBW

7085MHz

11/02/2025

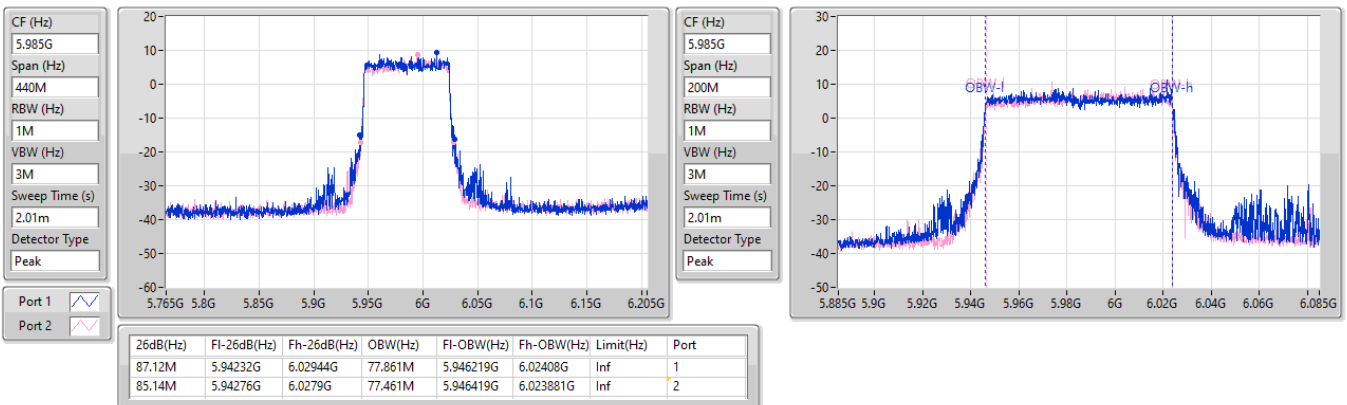


## 5.925-6.425GHz\_802.11be EHT80-BF\_Nss1,(MCS0)\_2TX

EBW

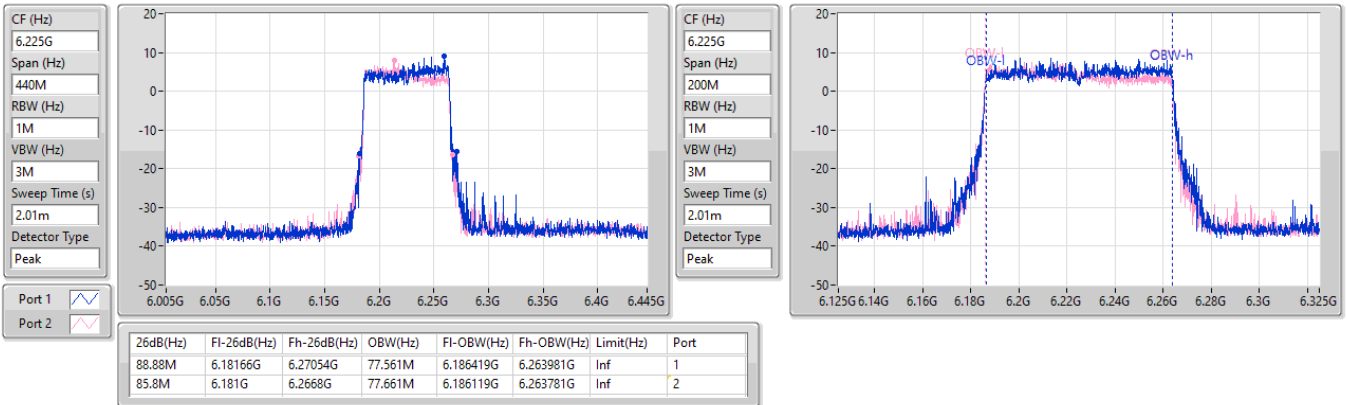
5985MHz

11/02/2025

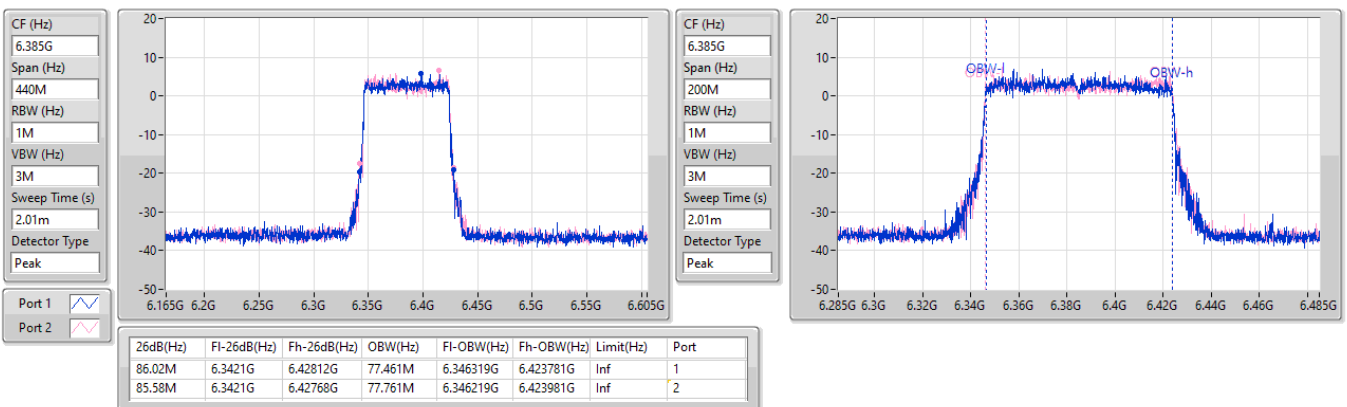


**5.925-6.425GHz\_802.11be EHT80-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**6225MHz**

11/02/2025

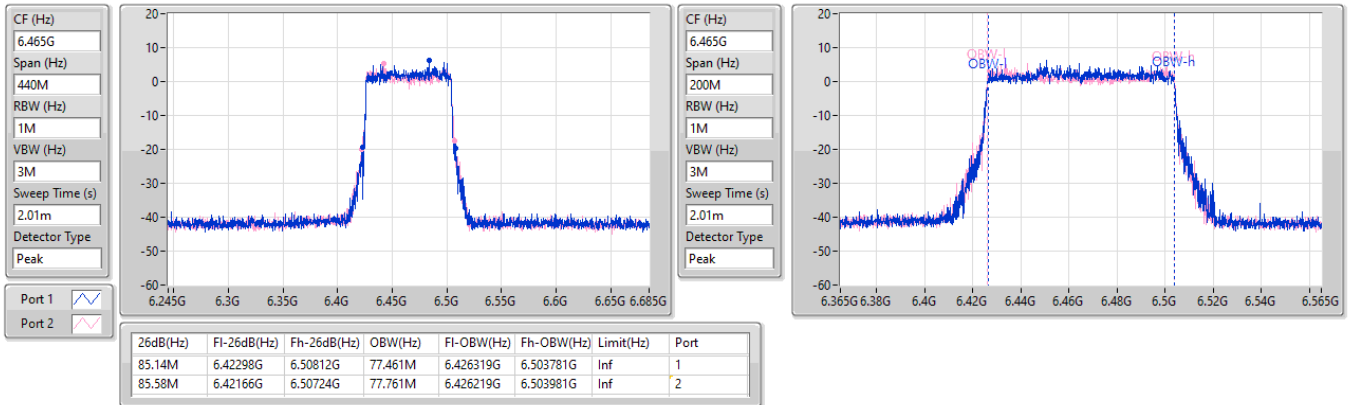

**5.925-6.425GHz\_802.11be EHT80-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**6385MHz**

11/02/2025

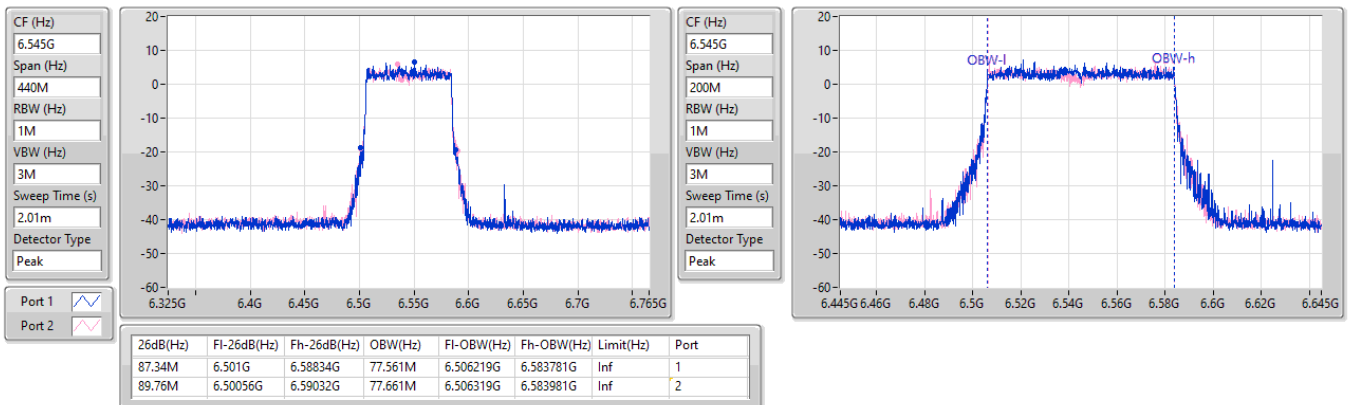


**6.425-6.525GHz\_802.11be EHT80-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**6465MHz**

11/02/2025

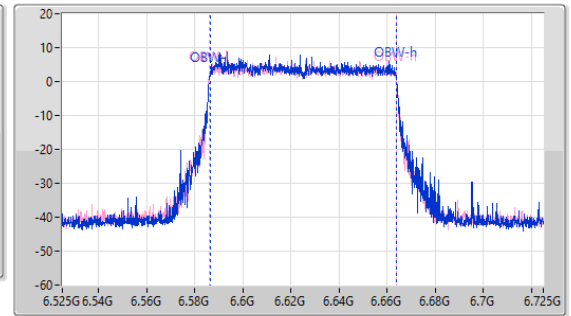
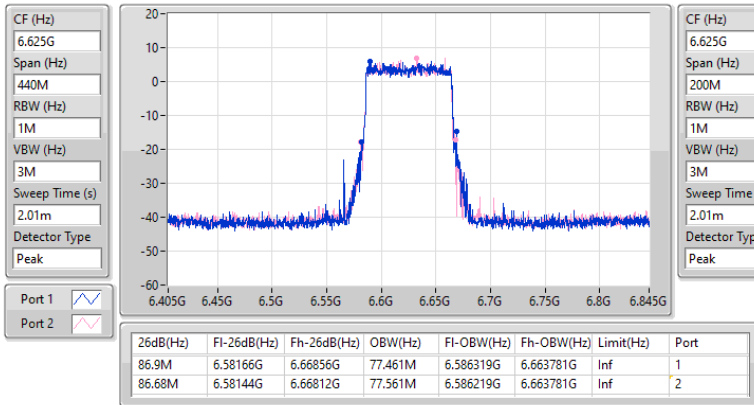

**6.425-6.525GHz\_802.11be EHT80-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**6545MHz**

11/02/2025

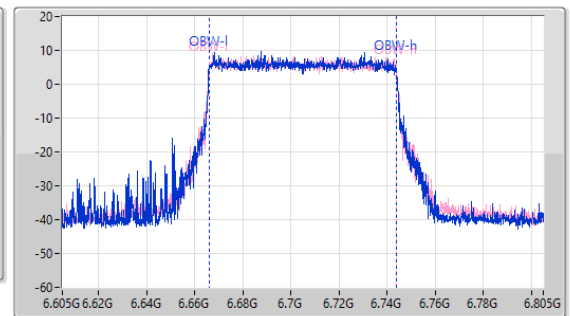
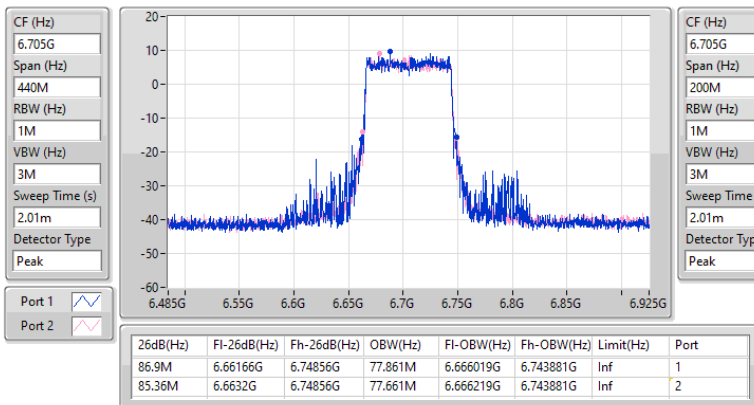


**6.525-6.875GHz\_802.11be EHT80-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**6625MHz**

11/02/2025


**6.525-6.875GHz\_802.11be EHT80-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**6705MHz**

11/02/2025

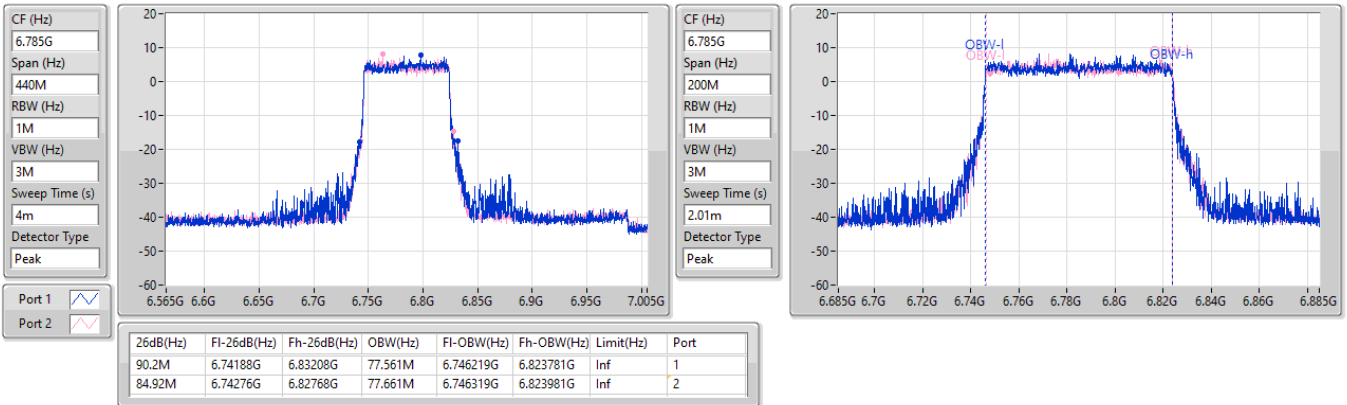


6.525-6.875GHz\_802.11be EHT80-BF\_Nss1,(MCS0)\_2TX

EBW

6785MHz

11/02/2025

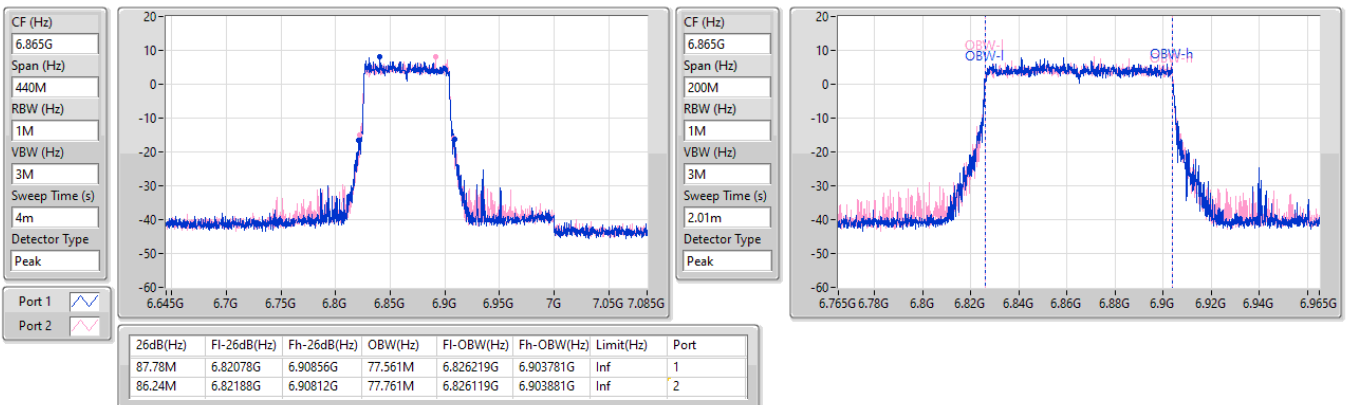


6.525-6.875GHz\_802.11be EHT80-BF\_Nss1,(MCS0)\_2TX

EBW

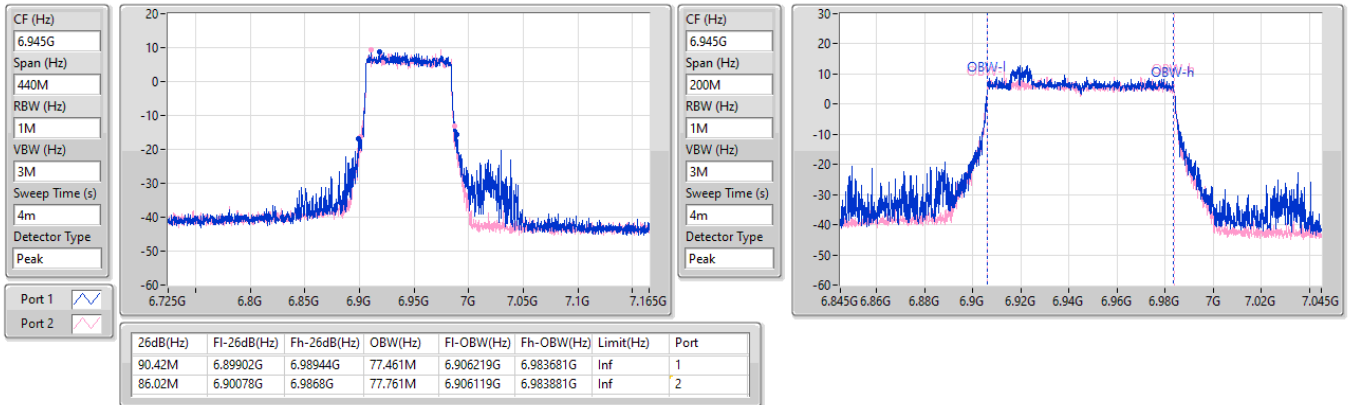
6865MHz

11/02/2025

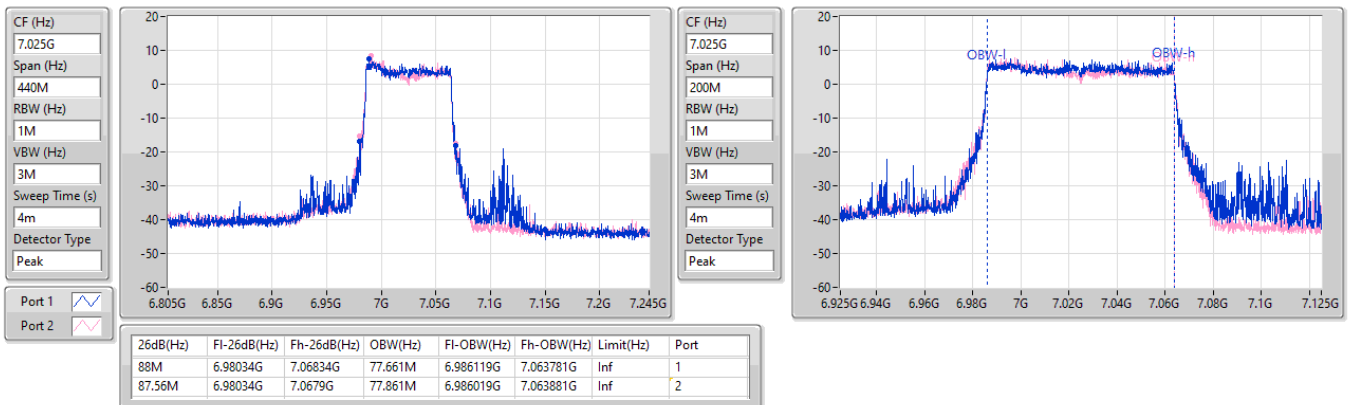


**6.875-7.125GHz\_802.11be EHT80-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**6945MHz**

11/02/2025


**6.875-7.125GHz\_802.11be EHT80-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**7025MHz**

11/02/2025

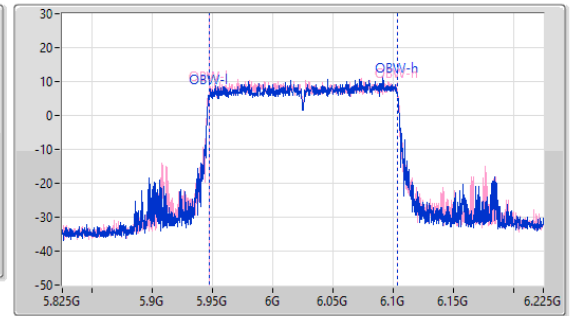
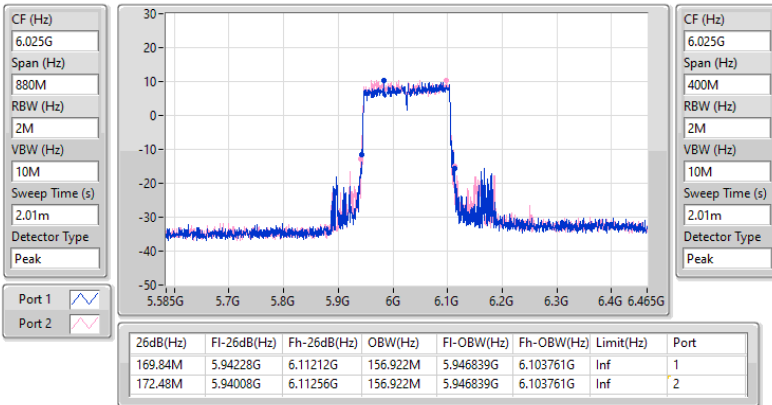


5.925-6.425GHz\_802.11be EHT160-BF\_Nss1,(MCS0)\_2TX

EBW

6025MHz

11/02/2025

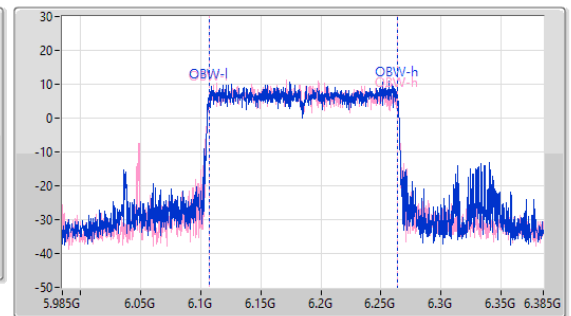
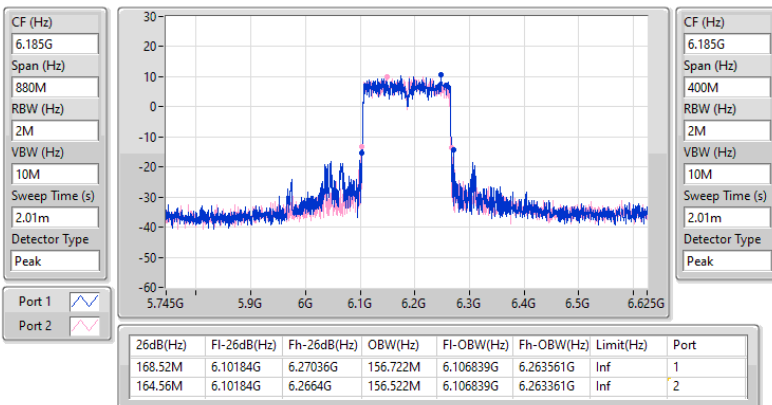


5.925-6.425GHz\_802.11be EHT160-BF\_Nss1,(MCS0)\_2TX

EBW

6185MHz

11/02/2025

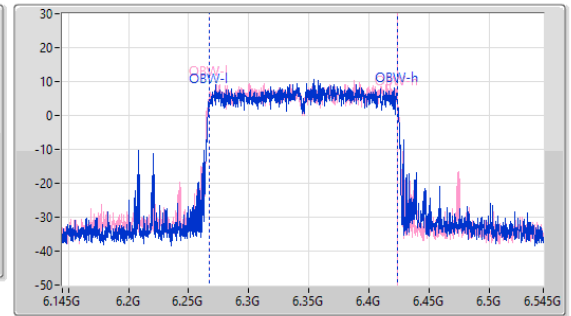
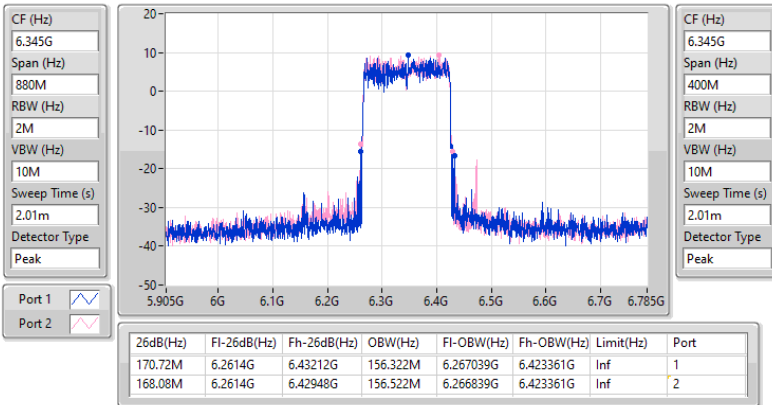


## 5.925-6.425GHz\_802.11be EHT160-BF\_Nss1,(MCS0)\_2TX

EBW

6345MHz

11/02/2025

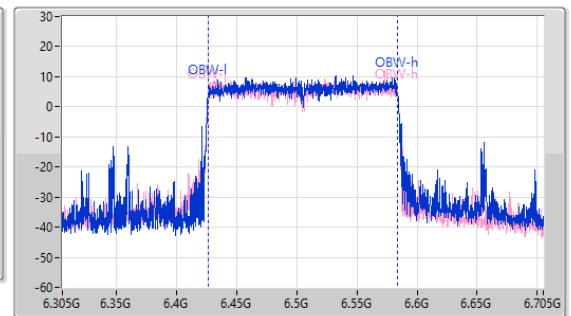
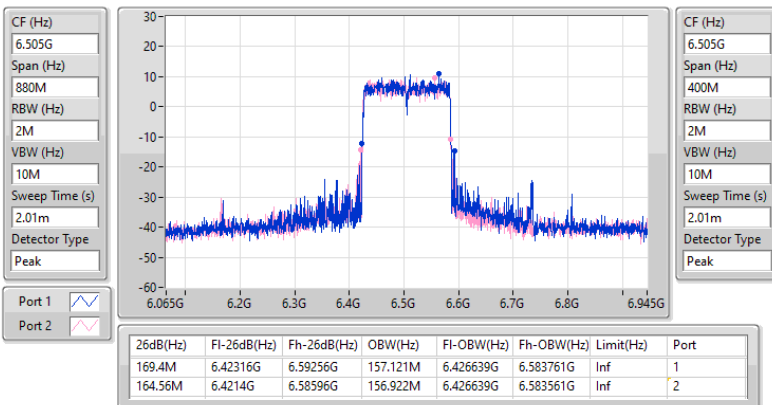


## 6.425-6.525GHz\_802.11be EHT160-BF\_Nss1,(MCS0)\_2TX

EBW

6505MHz

11/02/2025

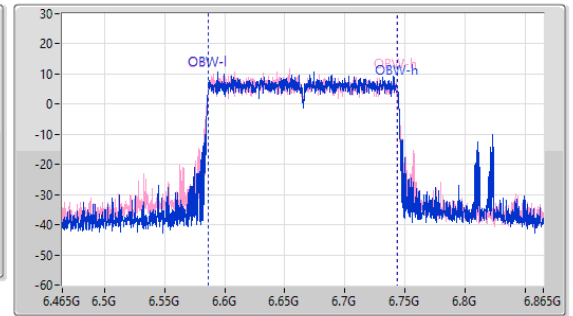
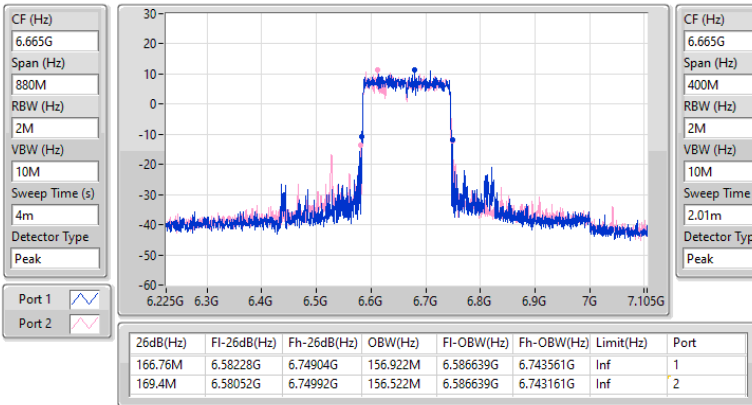


## 6.525-6.875GHz\_802.11be EHT160-BF\_Nss1,(MCS0)\_2TX

EBW

6665MHz

11/02/2025

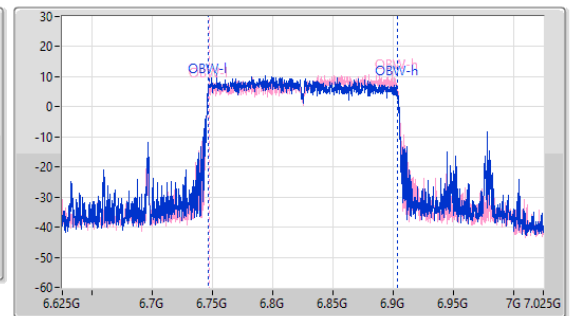
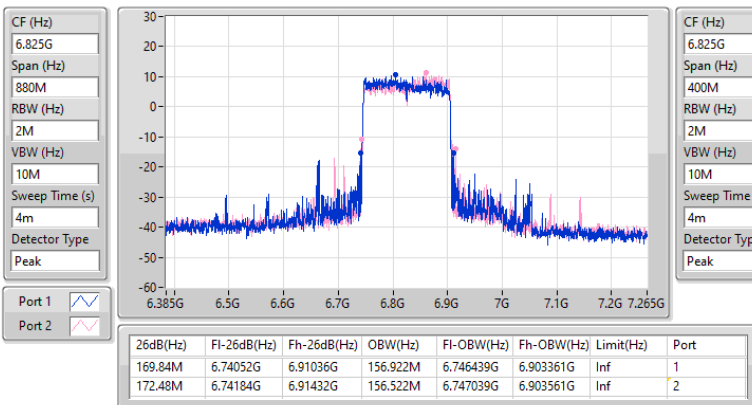


## 6.525-6.875GHz\_802.11be EHT160-BF\_Nss1,(MCS0)\_2TX

EBW

6825MHz

11/02/2025

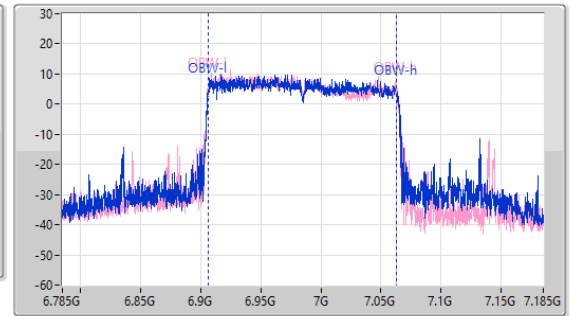
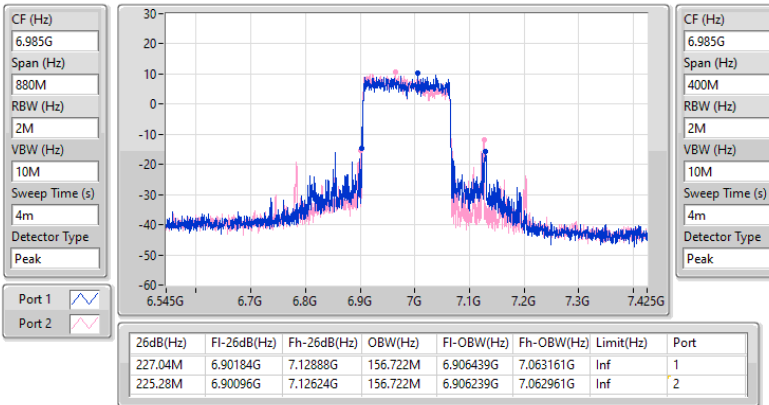


## 6.875-7.125GHz\_802.11be EHT160-BF\_Nss1,(MCS0)\_2TX

EBW

6985MHz

11/02/2025

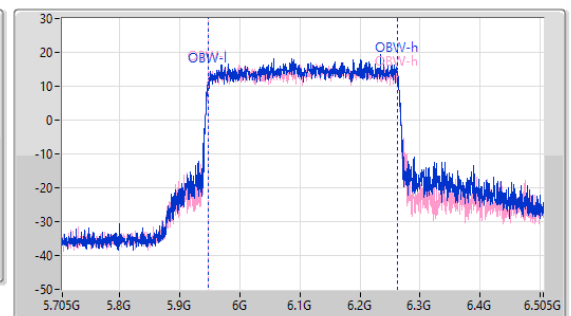
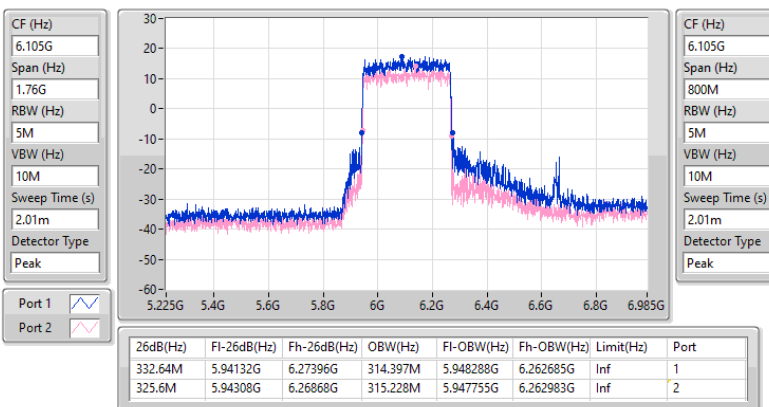


## 5.925-6.425GHz\_802.11be EHT320-BF\_Nss1,(MCS0)\_2TX

EBW

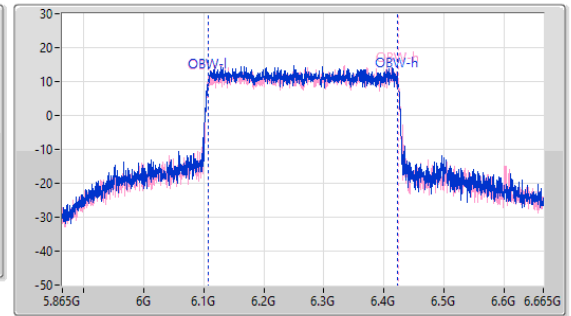
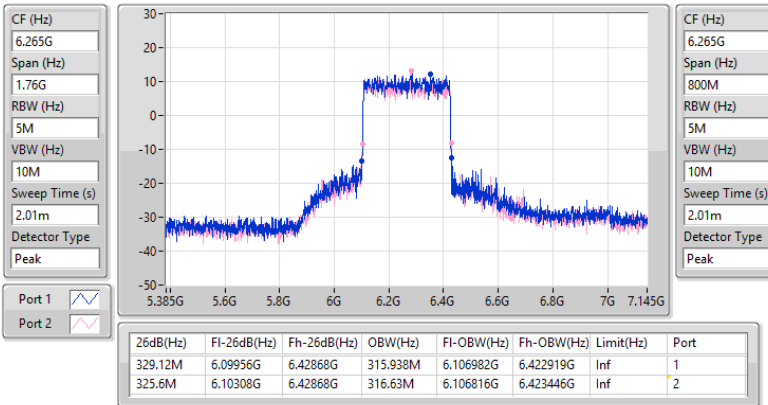
6105MHz

26/05/2025

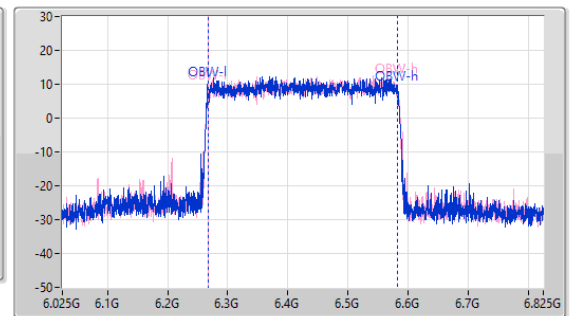
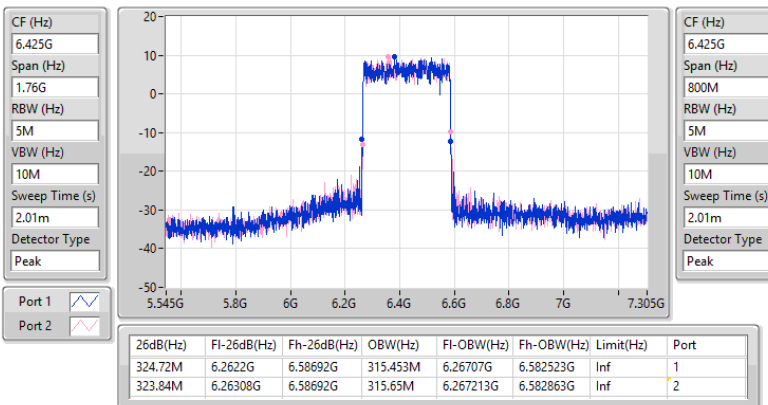


**5.925-6.425GHz\_802.11be EHT320-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**6265MHz**

26/05/2025


**5.925-6.425GHz\_802.11be EHT320-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**6425MHz**

26/05/2025

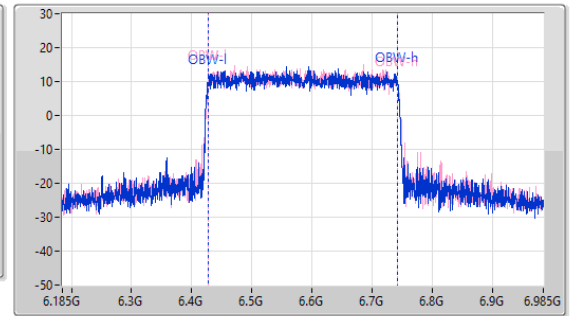
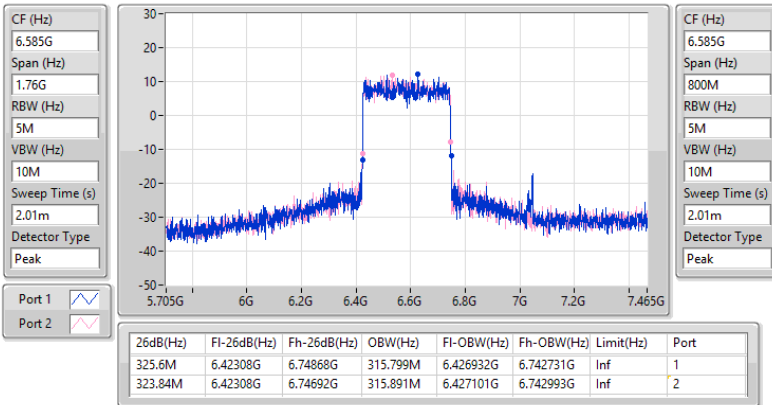


## 6.425-6.525GHz\_802.11be EHT320-BF\_Nss1,(MCS0)\_2TX

EBW

6585MHz

26/05/2025

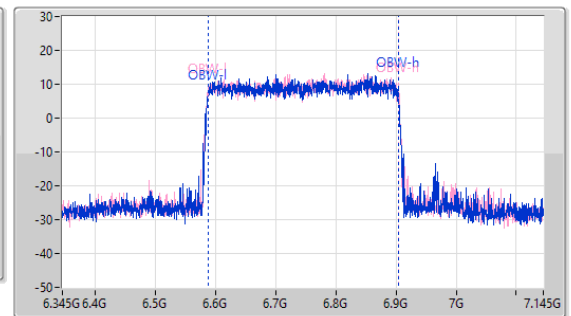
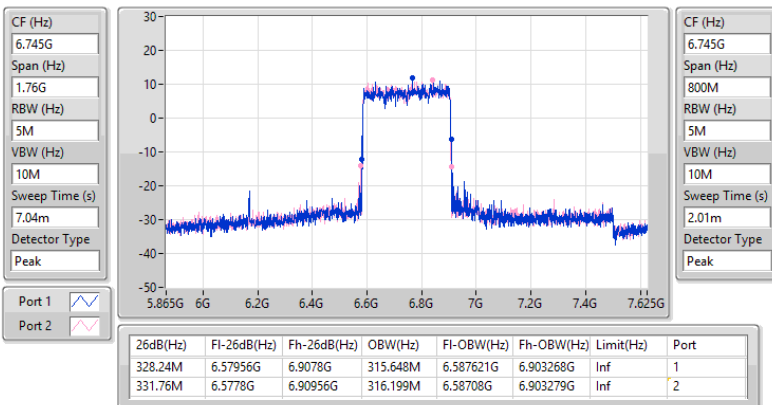


## 6.425-6.525GHz\_802.11be EHT320-BF\_Nss1,(MCS0)\_2TX

EBW

6745MHz

26/05/2025

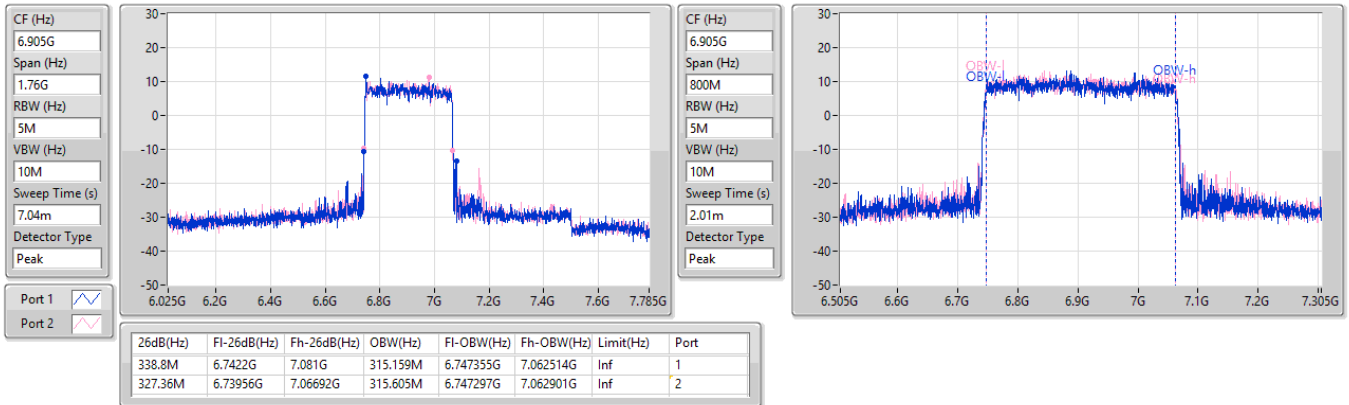


6.525-6.875GHz\_802.11be EHT320-BF\_Nss1,(MCS0)\_2TX

EBW

6905MHz

26/05/2025



**Summary**

| Mode                               | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|------------------------------------|----------------------|--------------------|---------------|-------------|
| 5.925-6.425GHz                     | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_2TX           | 16.82                | 0.04808            | 16.82         | 0.04808     |
| 802.11be EHT20_Nss1,(MCS0)_2TX     | 18.59                | 0.07228            | 18.59         | 0.07228     |
| 802.11be EHT20-BF_Nss1,(MCS0)_2TX  | 14.18                | 0.02618            | 17.19         | 0.05236     |
| 802.11be EHT40_Nss1,(MCS0)_2TX     | 19.57                | 0.09057            | 19.57         | 0.09057     |
| 802.11be EHT40-BF_Nss1,(MCS0)_2TX  | 17.89                | 0.06152            | 20.90         | 0.12303     |
| 802.11be EHT80_Nss1,(MCS0)_2TX     | 23.64                | 0.23121            | 23.64         | 0.23121     |
| 802.11be EHT80-BF_Nss1,(MCS0)_2TX  | 19.39                | 0.08690            | 22.40         | 0.17378     |
| 802.11be EHT160_Nss1,(MCS0)_2TX    | 25.76                | 0.37670            | 25.76         | 0.37670     |
| 802.11be EHT160-BF_Nss1,(MCS0)_2TX | 19.79                | 0.09528            | 22.80         | 0.19055     |
| 802.11be EHT320_Nss1,(MCS0)_2TX    | 27.66                | 0.58345            | 27.66         | 0.58345     |
| 802.11be EHT320-BF_Nss1,(MCS0)_2TX | 19.97                | 0.09931            | 22.98         | 0.19861     |
| 6.425-6.525GHz                     | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_2TX           | 15.80                | 0.03802            | 15.80         | 0.03802     |
| 802.11be EHT20_Nss1,(MCS0)_2TX     | 17.42                | 0.05521            | 17.42         | 0.05521     |
| 802.11be EHT20-BF_Nss1,(MCS0)_2TX  | 14.08                | 0.02559            | 17.09         | 0.05117     |
| 802.11be EHT40_Nss1,(MCS0)_2TX     | 19.17                | 0.08260            | 19.17         | 0.08260     |
| 802.11be EHT40-BF_Nss1,(MCS0)_2TX  | 16.35                | 0.04315            | 19.36         | 0.08630     |
| 802.11be EHT80_Nss1,(MCS0)_2TX     | 21.89                | 0.15453            | 21.89         | 0.15453     |
| 802.11be EHT80-BF_Nss1,(MCS0)_2TX  | 17.23                | 0.05284            | 20.24         | 0.10568     |
| 802.11be EHT160_Nss1,(MCS0)_2TX    | 25.06                | 0.32063            | 25.06         | 0.32063     |
| 802.11be EHT160-BF_Nss1,(MCS0)_2TX | 19.23                | 0.08375            | 22.24         | 0.16749     |
| 802.11be EHT320_Nss1,(MCS0)_2TX    | 27.44                | 0.55463            | 27.44         | 0.55463     |
| 802.11be EHT320-BF_Nss1,(MCS0)_2TX | 19.02                | 0.07980            | 22.03         | 0.15959     |
| 6.525-6.875GHz                     | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_2TX           | 17.01                | 0.05023            | 17.01         | 0.05023     |
| 802.11be EHT20_Nss1,(MCS0)_2TX     | 17.19                | 0.05236            | 17.19         | 0.05236     |
| 802.11be EHT20-BF_Nss1,(MCS0)_2TX  | 14.80                | 0.03020            | 17.81         | 0.06039     |
| 802.11be EHT40_Nss1,(MCS0)_2TX     | 20.59                | 0.11455            | 20.59         | 0.11455     |
| 802.11be EHT40-BF_Nss1,(MCS0)_2TX  | 16.84                | 0.04831            | 19.85         | 0.09661     |
| 802.11be EHT80_Nss1,(MCS0)_2TX     | 23.43                | 0.22029            | 23.43         | 0.22029     |
| 802.11be EHT80-BF_Nss1,(MCS0)_2TX  | 20.50                | 0.11220            | 23.51         | 0.22439     |
| 802.11be EHT160_Nss1,(MCS0)_2TX    | 25.21                | 0.33189            | 25.21         | 0.33189     |
| 802.11be EHT160-BF_Nss1,(MCS0)_2TX | 20.82                | 0.12078            | 23.83         | 0.24155     |
| 802.11be EHT320_Nss1,(MCS0)_2TX    | 24.68                | 0.29376            | 24.68         | 0.29376     |
| 802.11be EHT320-BF_Nss1,(MCS0)_2TX | 17.07                | 0.05093            | 20.08         | 0.10186     |
| 6.875-7.125GHz                     | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_2TX           | 18.29                | 0.06745            | 18.29         | 0.06745     |
| 802.11be EHT20_Nss1,(MCS0)_2TX     | 17.72                | 0.05916            | 17.72         | 0.05916     |
| 802.11be EHT20-BF_Nss1,(MCS0)_2TX  | 14.82                | 0.03034            | 17.83         | 0.06067     |
| 802.11be EHT40_Nss1,(MCS0)_2TX     | 20.53                | 0.11298            | 20.53         | 0.11298     |
| 802.11be EHT40-BF_Nss1,(MCS0)_2TX  | 16.94                | 0.04943            | 19.95         | 0.09886     |
| 802.11be EHT80_Nss1,(MCS0)_2TX     | 22.87                | 0.19364            | 22.87         | 0.19364     |
| 802.11be EHT80-BF_Nss1,(MCS0)_2TX  | 20.27                | 0.10641            | 23.28         | 0.21281     |
| 802.11be EHT160_Nss1,(MCS0)_2TX    | 23.90                | 0.24547            | 23.90         | 0.24547     |
| 802.11be EHT160-BF_Nss1,(MCS0)_2TX | 19.37                | 0.08650            | 22.38         | 0.17298     |

**Result**

| Mode                            | Result | EIRP (dBm) | EIRP Limit (dBm) |
|---------------------------------|--------|------------|------------------|
| 802.11a_Nss1,(6Mbps)_2TX        | -      | -          | -                |
| 5955MHz                         | Pass   | 16.82      | 30.00            |
| 6195MHz                         | Pass   | 16.51      | 30.00            |
| 6415MHz                         | Pass   | 15.94      | 30.00            |
| 6435MHz                         | Pass   | 15.73      | 30.00            |
| 6475MHz                         | Pass   | 15.76      | 30.00            |
| 6515MHz                         | Pass   | 15.80      | 30.00            |
| 6535MHz                         | Pass   | 16.20      | 30.00            |
| 6695MHz                         | Pass   | 15.93      | 30.00            |
| 6875MHz                         | Pass   | 17.01      | 30.00            |
| 6895MHz                         | Pass   | 18.29      | 30.00            |
| 6995MHz                         | Pass   | 17.24      | 30.00            |
| 7095MHz                         | Pass   | 17.59      | 30.00            |
| 7115MHz                         | Pass   | 14.39      | 30.00            |
| 802.11be EHT20_Nss1,(MCS0)_2TX  | -      | -          | -                |
| 5955MHz                         | Pass   | 18.59      | 30.00            |
| 6195MHz                         | Pass   | 18.02      | 30.00            |
| 6415MHz                         | Pass   | 16.41      | 30.00            |
| 6435MHz                         | Pass   | 16.39      | 30.00            |
| 6475MHz                         | Pass   | 16.96      | 30.00            |
| 6515MHz                         | Pass   | 17.42      | 30.00            |
| 6535MHz                         | Pass   | 15.94      | 30.00            |
| 6695MHz                         | Pass   | 15.68      | 30.00            |
| 6875MHz                         | Pass   | 17.19      | 30.00            |
| 6895MHz                         | Pass   | 17.72      | 30.00            |
| 6995MHz                         | Pass   | 16.66      | 30.00            |
| 7095MHz                         | Pass   | 16.29      | 30.00            |
| 7115MHz                         | Pass   | 14.14      | 30.00            |
| 802.11be EHT40_Nss1,(MCS0)_2TX  | -      | -          | -                |
| 5965MHz                         | Pass   | 19.57      | 30.00            |
| 6205MHz                         | Pass   | 19.09      | 30.00            |
| 6405MHz                         | Pass   | 18.46      | 30.00            |
| 6445MHz                         | Pass   | 18.93      | 30.00            |
| 6485MHz                         | Pass   | 19.17      | 30.00            |
| 6525MHz                         | Pass   | 18.58      | 30.00            |
| 6565MHz                         | Pass   | 18.90      | 30.00            |
| 6685MHz                         | Pass   | 19.00      | 30.00            |
| 6885MHz                         | Pass   | 20.59      | 30.00            |
| 6925MHz                         | Pass   | 20.53      | 30.00            |
| 7005MHz                         | Pass   | 20.00      | 30.00            |
| 7085MHz                         | Pass   | 19.19      | 30.00            |
| 802.11be EHT80_Nss1,(MCS0)_2TX  | -      | -          | -                |
| 5985MHz                         | Pass   | 23.64      | 30.00            |
| 6225MHz                         | Pass   | 22.65      | 30.00            |
| 6385MHz                         | Pass   | 21.96      | 30.00            |
| 6465MHz                         | Pass   | 21.87      | 30.00            |
| 6545MHz                         | Pass   | 21.89      | 30.00            |
| 6625MHz                         | Pass   | 22.10      | 30.00            |
| 6705MHz                         | Pass   | 21.68      | 30.00            |
| 6785MHz                         | Pass   | 22.80      | 30.00            |
| 6865MHz                         | Pass   | 23.43      | 30.00            |
| 6945MHz                         | Pass   | 22.87      | 30.00            |
| 7025MHz                         | Pass   | 22.28      | 30.00            |
| 802.11be EHT160_Nss1,(MCS0)_2TX | -      | -          | -                |
| 6025MHz                         | Pass   | 23.99      | 30.00            |

| Mode                               | Result | EIRP (dBm) | EIRP Limit (dBm) |
|------------------------------------|--------|------------|------------------|
| 6185MHz                            | Pass   | 25.76      | 30.00            |
| 6345MHz                            | Pass   | 24.41      | 30.00            |
| 6505MHz                            | Pass   | 25.06      | 30.00            |
| 6665MHz                            | Pass   | 24.84      | 30.00            |
| 6825MHz                            | Pass   | 25.21      | 30.00            |
| 6985MHz                            | Pass   | 23.90      | 30.00            |
| 802.11be EHT320-Nss1,(MCS0)_2TX    | -      | -          | -                |
| 6105MHz                            | Pass   | 25.62      | 30.00            |
| 6265MHz                            | Pass   | 26.71      | 30.00            |
| 6425MHz                            | Pass   | 27.66      | 30.00            |
| 6585MHz                            | Pass   | 27.40      | 30.00            |
| 6745MHz                            | Pass   | 27.44      | 30.00            |
| 6905MHz                            | Pass   | 24.68      | 30.00            |
| 802.11be EHT20-BF_Nss1,(MCS0)_2TX  | -      | -          | -                |
| 5955MHz                            | Pass   | 17.00      | 30.00            |
| 6195MHz                            | Pass   | 17.19      | 30.00            |
| 6415MHz                            | Pass   | 16.33      | 30.00            |
| 6435MHz                            | Pass   | 16.80      | 30.00            |
| 6475MHz                            | Pass   | 16.69      | 30.00            |
| 6515MHz                            | Pass   | 17.09      | 30.00            |
| 6535MHz                            | Pass   | 17.16      | 30.00            |
| 6695MHz                            | Pass   | 17.81      | 30.00            |
| 6875MHz                            | Pass   | 16.18      | 30.00            |
| 6895MHz                            | Pass   | 17.83      | 30.00            |
| 6995MHz                            | Pass   | 15.27      | 30.00            |
| 7095MHz                            | Pass   | 16.21      | 30.00            |
| 7115MHz                            | Pass   | 13.05      | 30.00            |
| 802.11be EHT40-BF_Nss1,(MCS0)_2TX  | -      | -          | -                |
| 5965MHz                            | Pass   | 18.56      | 30.00            |
| 6205MHz                            | Pass   | 20.90      | 30.00            |
| 6405MHz                            | Pass   | 17.70      | 30.00            |
| 6445MHz                            | Pass   | 18.67      | 30.00            |
| 6485MHz                            | Pass   | 19.36      | 30.00            |
| 6525MHz                            | Pass   | 19.25      | 30.00            |
| 6565MHz                            | Pass   | 18.95      | 30.00            |
| 6685MHz                            | Pass   | 19.85      | 30.00            |
| 6885MHz                            | Pass   | 19.52      | 30.00            |
| 6925MHz                            | Pass   | 19.45      | 30.00            |
| 7005MHz                            | Pass   | 19.95      | 30.00            |
| 7085MHz                            | Pass   | 17.98      | 30.00            |
| 802.11be EHT80-BF_Nss1,(MCS0)_2TX  | -      | -          | -                |
| 5985MHz                            | Pass   | 20.50      | 30.00            |
| 6225MHz                            | Pass   | 22.40      | 30.00            |
| 6385MHz                            | Pass   | 20.84      | 30.00            |
| 6465MHz                            | Pass   | 20.24      | 30.00            |
| 6545MHz                            | Pass   | 20.01      | 30.00            |
| 6625MHz                            | Pass   | 20.78      | 30.00            |
| 6705MHz                            | Pass   | 23.51      | 30.00            |
| 6785MHz                            | Pass   | 22.04      | 30.00            |
| 6865MHz                            | Pass   | 22.80      | 30.00            |
| 6945MHz                            | Pass   | 23.28      | 30.00            |
| 7025MHz                            | Pass   | 21.52      | 30.00            |
| 802.11be EHT160-BF_Nss1,(MCS0)_2TX | -      | -          | -                |
| 6025MHz                            | Pass   | 21.95      | 30.00            |
| 6185MHz                            | Pass   | 22.80      | 30.00            |
| 6345MHz                            | Pass   | 21.89      | 30.00            |



## Radiated EIRP

## Appendix C

| Mode                               | Result | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|------------------------------------|--------|---------------|---------------------|
| 6505MHz                            | Pass   | 22.24         | 30.00               |
| 6665MHz                            | Pass   | 23.83         | 30.00               |
| 6825MHz                            | Pass   | 22.23         | 30.00               |
| 6985MHz                            | Pass   | 22.38         | 30.00               |
| 802.11be EHT320-BF_Nss1_(MCS0)_2TX | -      | -             | -                   |
| 6105MHz                            | Pass   | 22.34         | 30.00               |
| 6265MHz                            | Pass   | 21.14         | 30.00               |
| 6425MHz                            | Pass   | 22.98         | 30.00               |
| 6585MHz                            | Pass   | 22.03         | 30.00               |
| 6745MHz                            | Pass   | 20.29         | 30.00               |
| 6905MHz                            | Pass   | 20.08         | 30.00               |

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

20/01/2025

EIRP;Band:6.2G;11a;BWch:20MHz;Nss:1,(6D);Nant:2;Ch:5955MHz;TX

CF Freq  
5.955GHz

Span  
50MHz

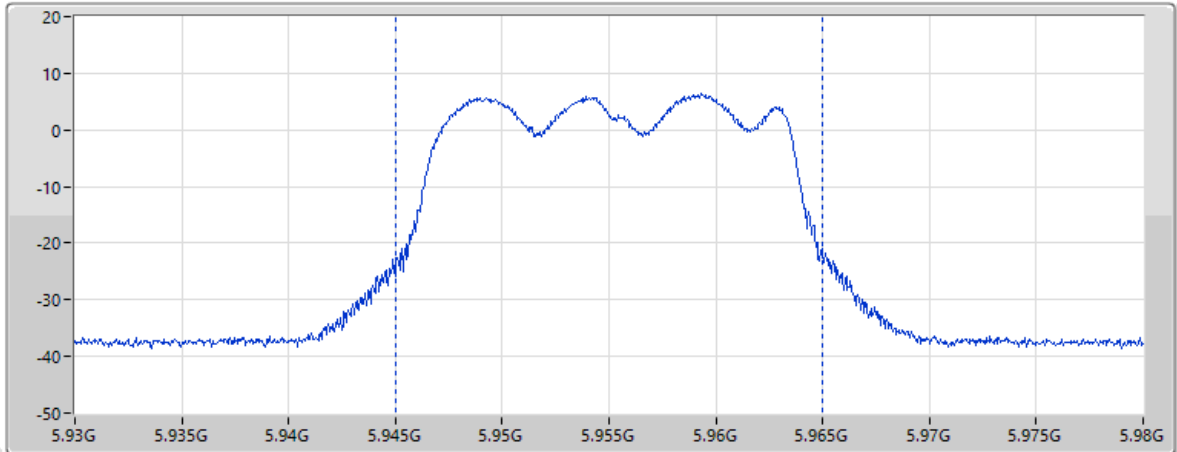
RBW  
1MHz

VBW  
3MHz

Sweep Time  
1.01ms

Detector Type  
RMS

CP BW  
20MHz



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EIRP (dBm)  
16.82

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

| Pmeas | Gr (dBi) | Lc (dB) | Gamp (dB) | Lp (dB) |
|-------|----------|---------|-----------|---------|
| -2.54 | 11.11    | 8.12    | 35.19     | 57.54   |

20/01/2025

EIRP;Band:6.2G;11a;BWch:20MHz;Nss:1,(6D);Nant:2;Ch:6195MHz;TX

CF Freq  
6.195GHz

Span  
50MHz

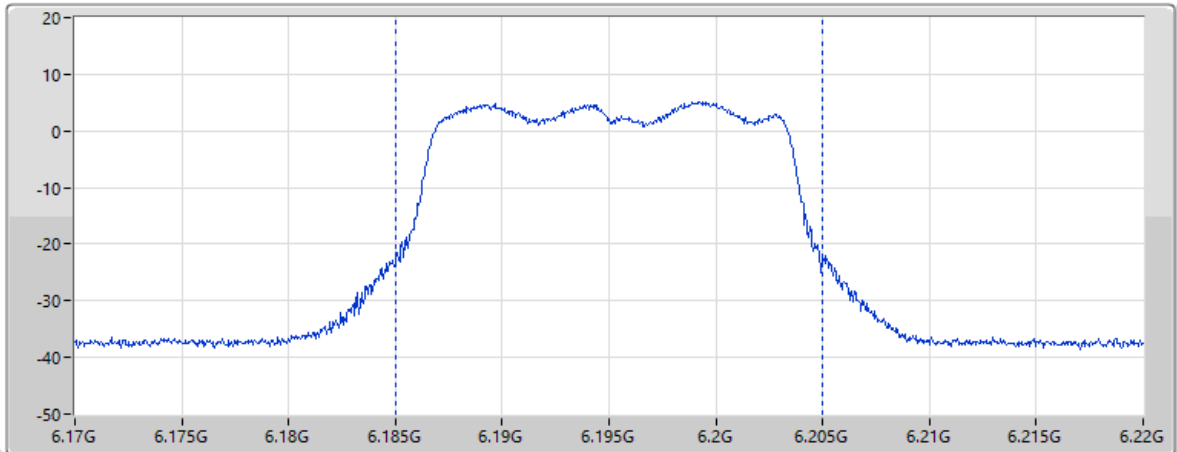
RBW  
1MHz

VBW  
3MHz

Sweep Time  
1.01ms

Detector Type  
RMS

CP BW  
20MHz



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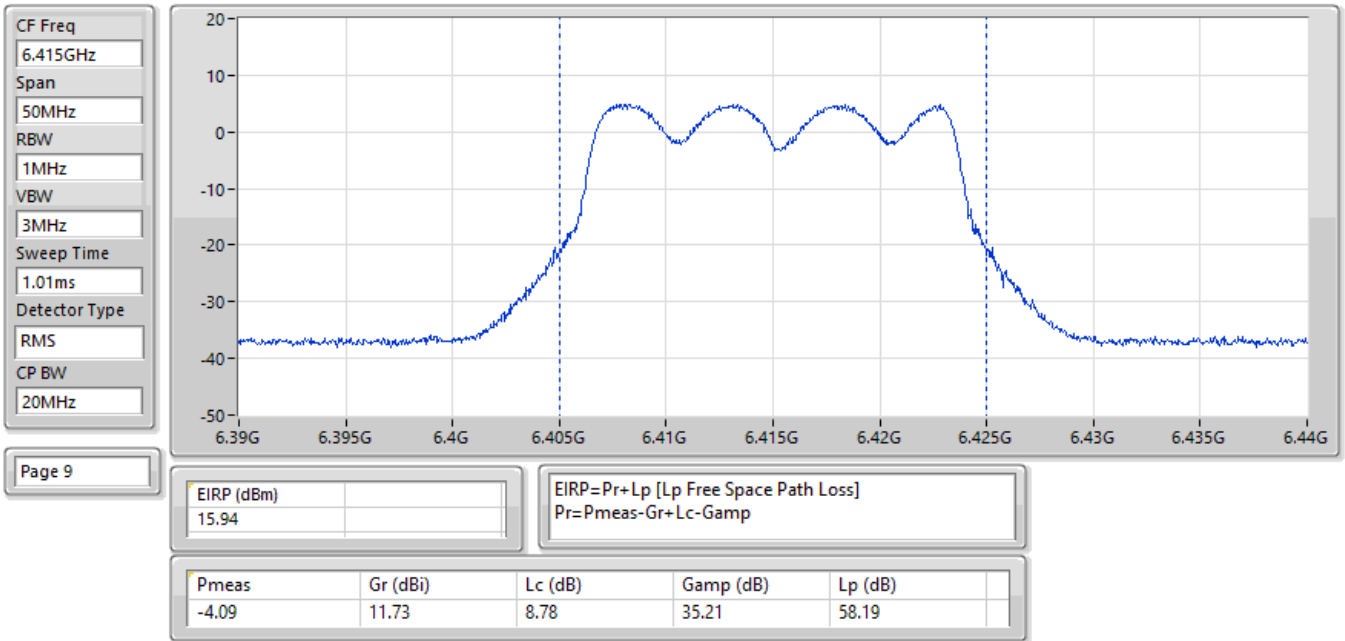
EIRP (dBm)  
16.51

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

| Pmeas | Gr (dBi) | Lc (dB) | Gamp (dB) | Lp (dB) |
|-------|----------|---------|-----------|---------|
| -3.53 | 11.10    | 8.46    | 35.20     | 57.88   |

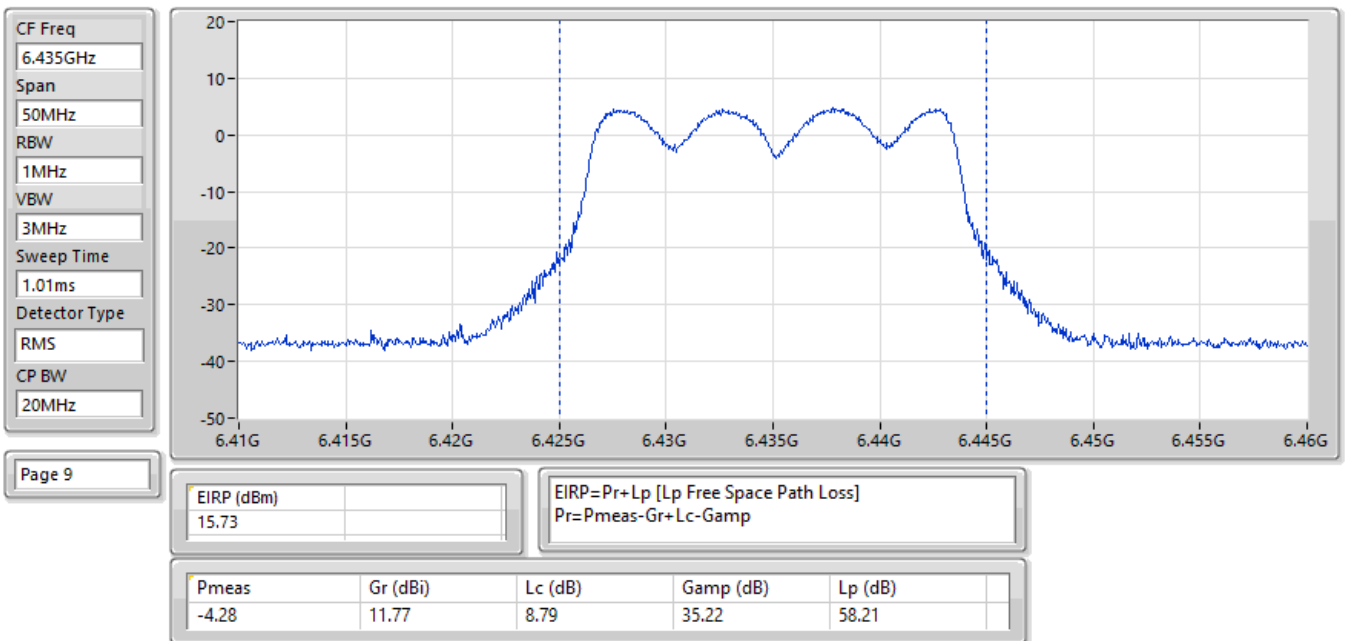
17/01/2025

EIRP:Band:6.2G;11a;BWch:20MHz;Nss:1,(6D);Nant:2;Ch:6415MHz;TX



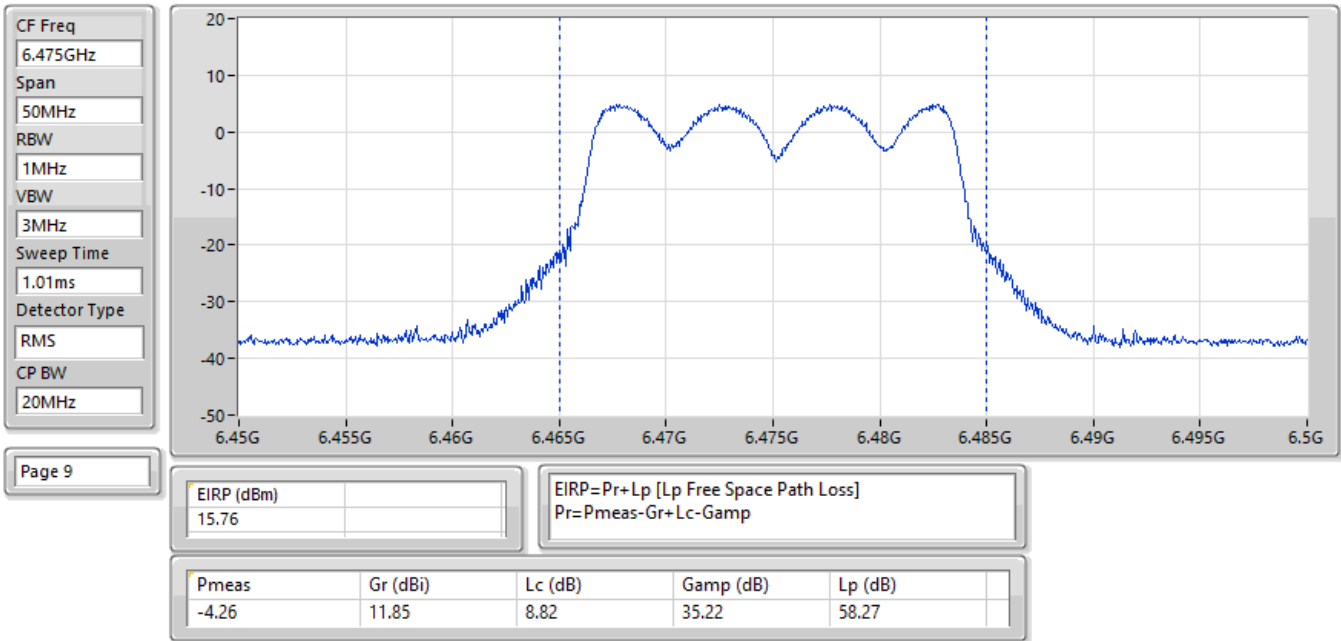
17/01/2025

EIRP:Band:6.4G;11a;BWch:20MHz;Nss:1,(6D);Nant:2;Ch:6435MHz;TX



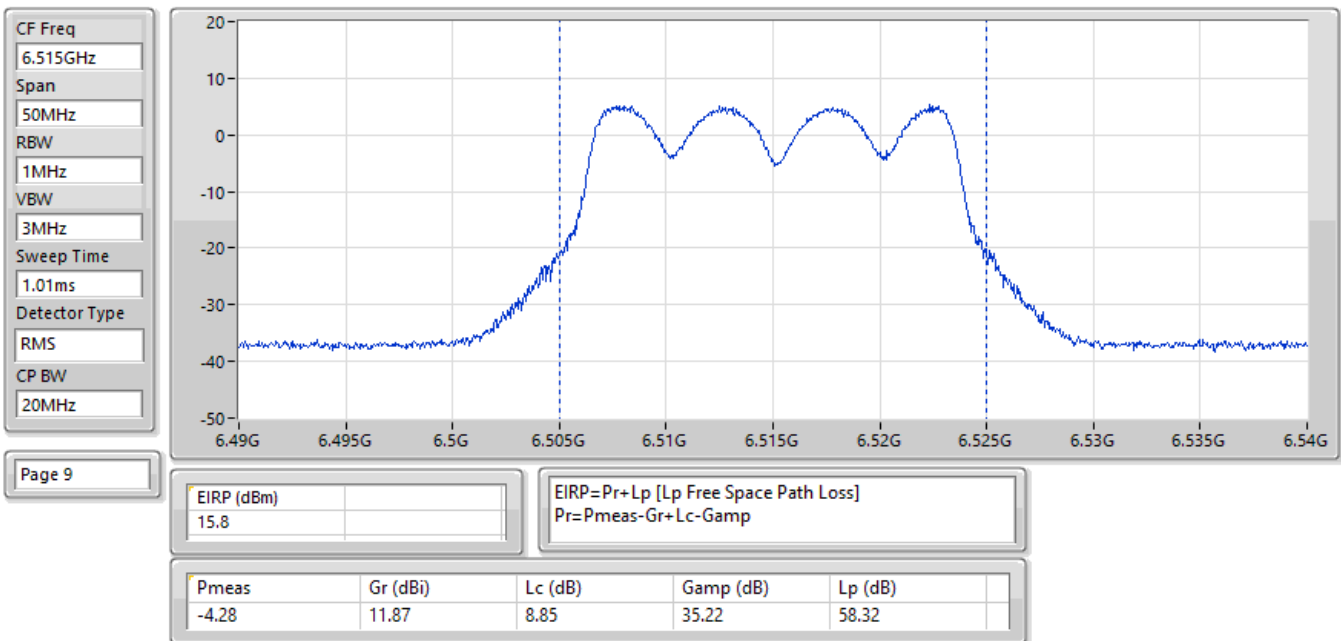
17/01/2025

EIRP:Band:6.4G;11a;BWch:20MHz;Nss:1,(6D);Nant:2;Ch:6475MHz;TX



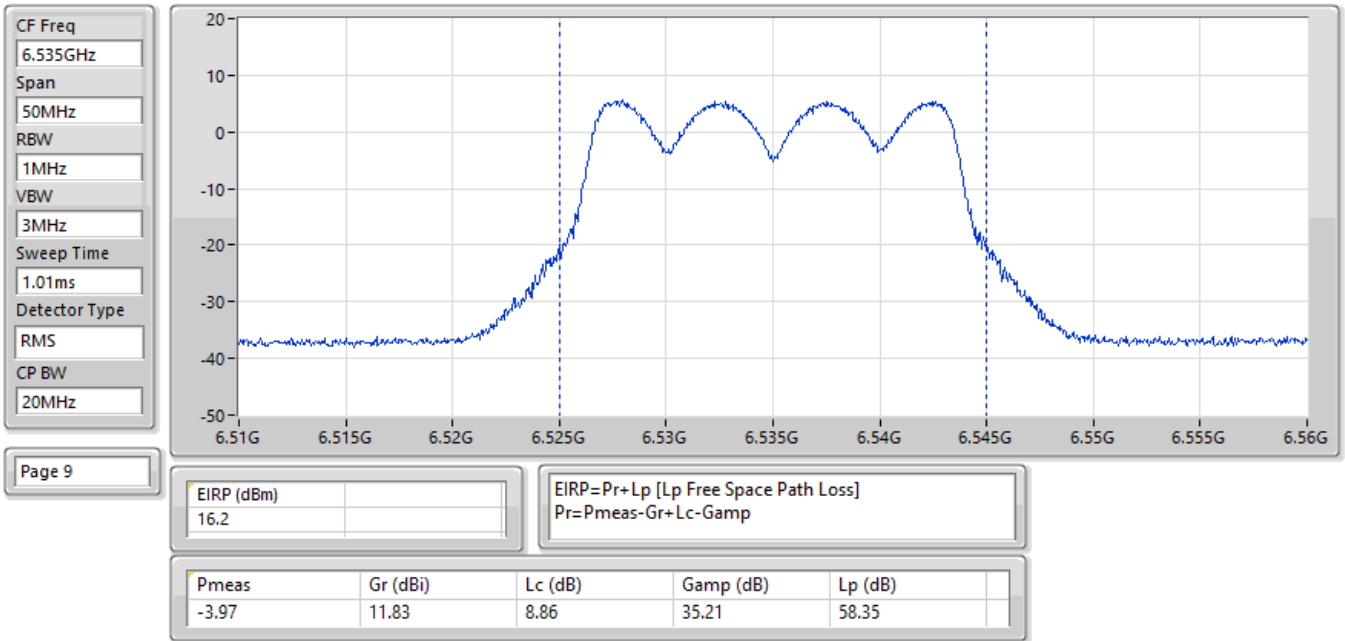
17/01/2025

EIRP:Band:6.4G;11a;BWch:20MHz;Nss:1,(6D);Nant:2;Ch:6515MHz;TX



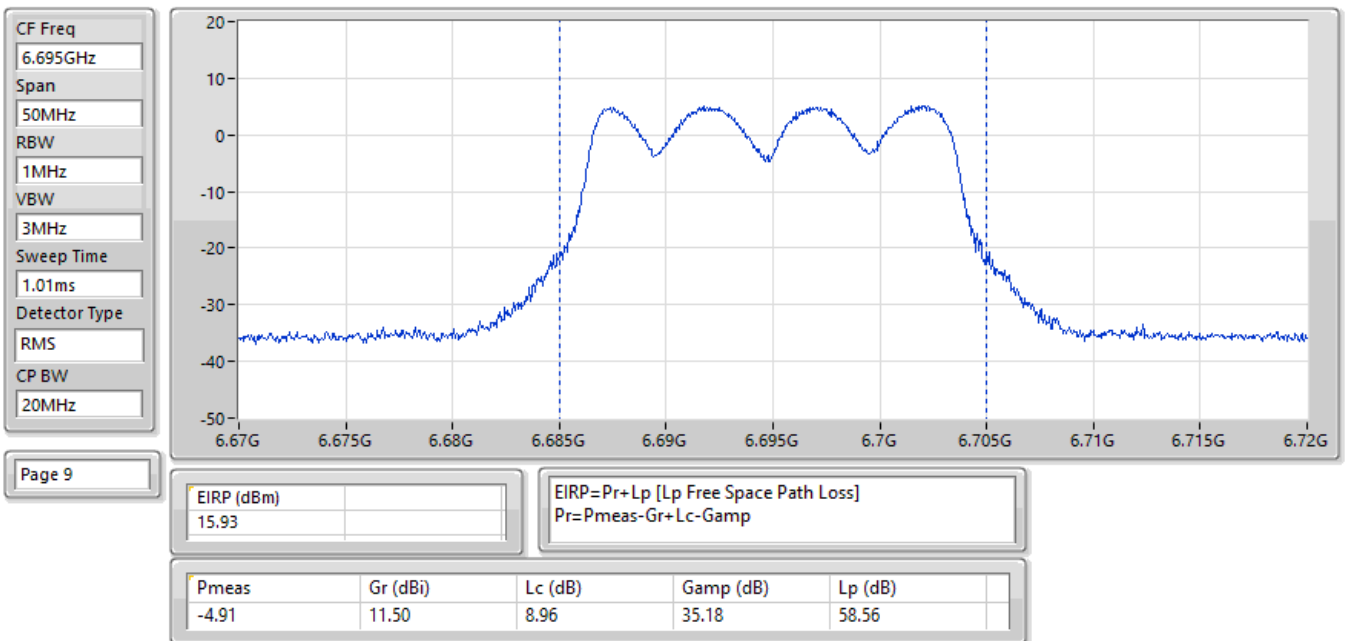
17/01/2025

EIRP;Band:6.7G;11a;BWch:20MHz;Nss:1,(6D);Nant:2;Ch:6535MHz;TX



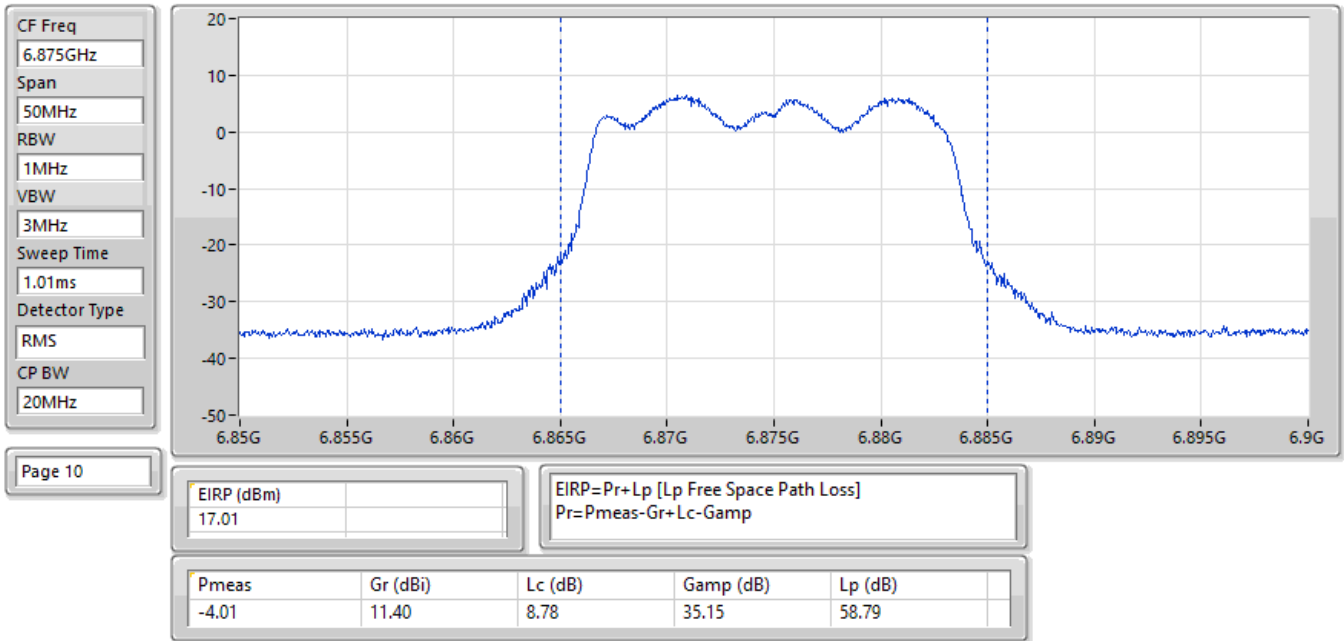
20/01/2025

EIRP;Band:6.7G;11a;BWch:20MHz;Nss:1,(6D);Nant:2;Ch:6695MHz;TX



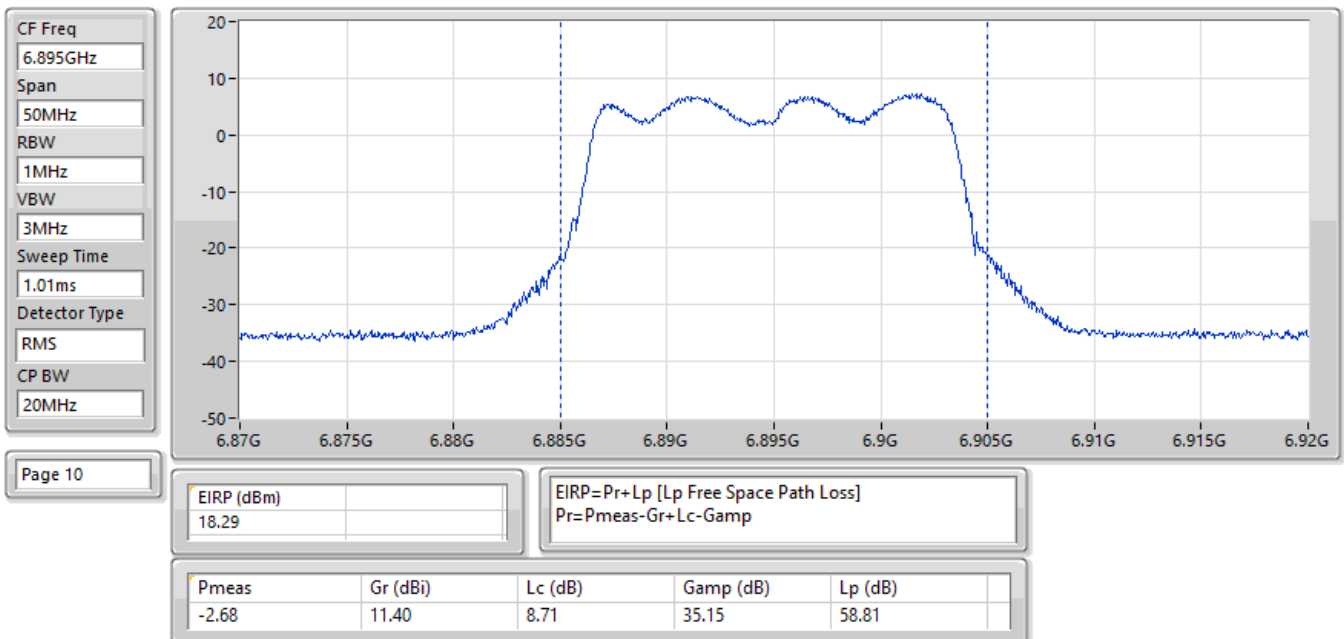
20/01/2025

EIRP;Band:6.7G;11a;BWch:20MHz;Nss:1,(6D);Nant:2;Ch:6875MHz;TX



20/01/2025

EIRP;Band:7.0G;11a;BWch:20MHz;Nss:1,(6D);Nant:2;Ch:6895MHz;TX



17/01/2025

EIRP:Band:7.0G;11a;BWch:20MHz;Nss:1,(6D);Nant:2;Ch:6995MHz;TX

CF Freq  
6.995GHz

Span  
50MHz

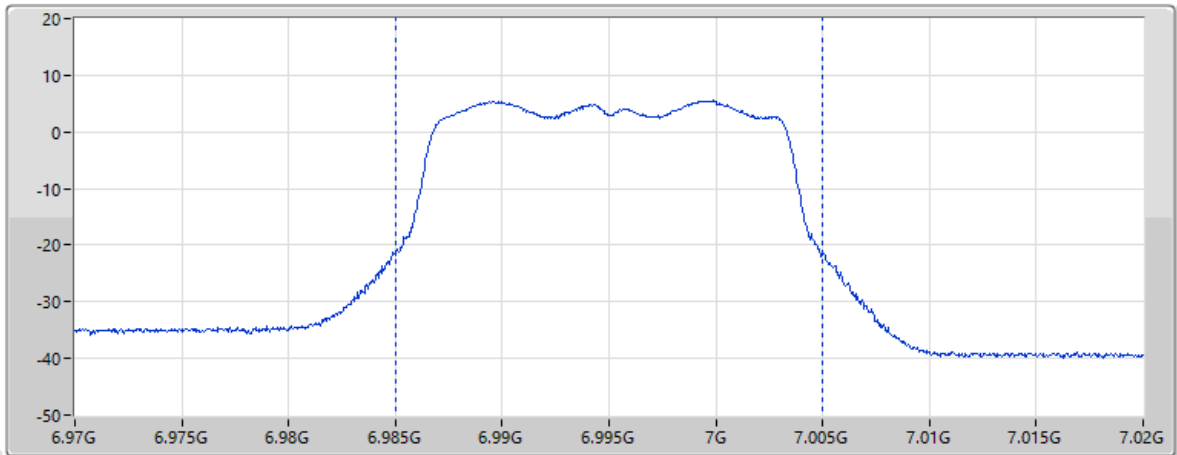
RBW  
1MHz

VBW  
3MHz

Sweep Time  
4ms

Detector Type  
RMS

CP BW  
20MHz



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EIRP (dBm)  
17.24

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

| Pmeas | Gr (dBi) | Lc (dB) | Gamp (dB) | Lp (dB) |
|-------|----------|---------|-----------|---------|
| -3.47 | 11.49    | 8.39    | 35.13     | 58.94   |

20/01/2025

EIRP:Band:7.0G;11a;BWch:20MHz;Nss:1,(6D);Nant:2;Ch:7095MHz;TX

CF Freq  
7.095GHz

Span  
50MHz

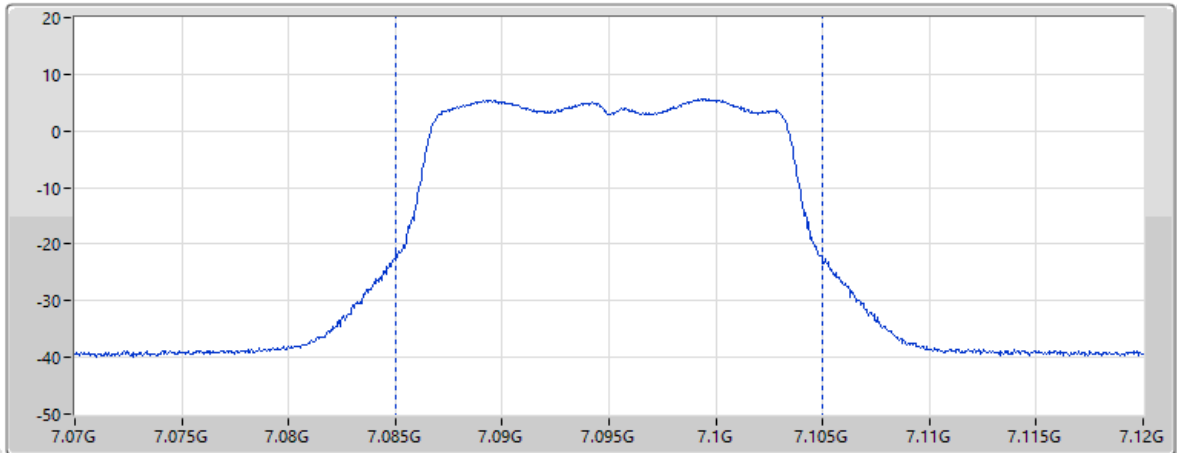
RBW  
1MHz

VBW  
3MHz

Sweep Time  
4ms

Detector Type  
RMS

CP BW  
20MHz



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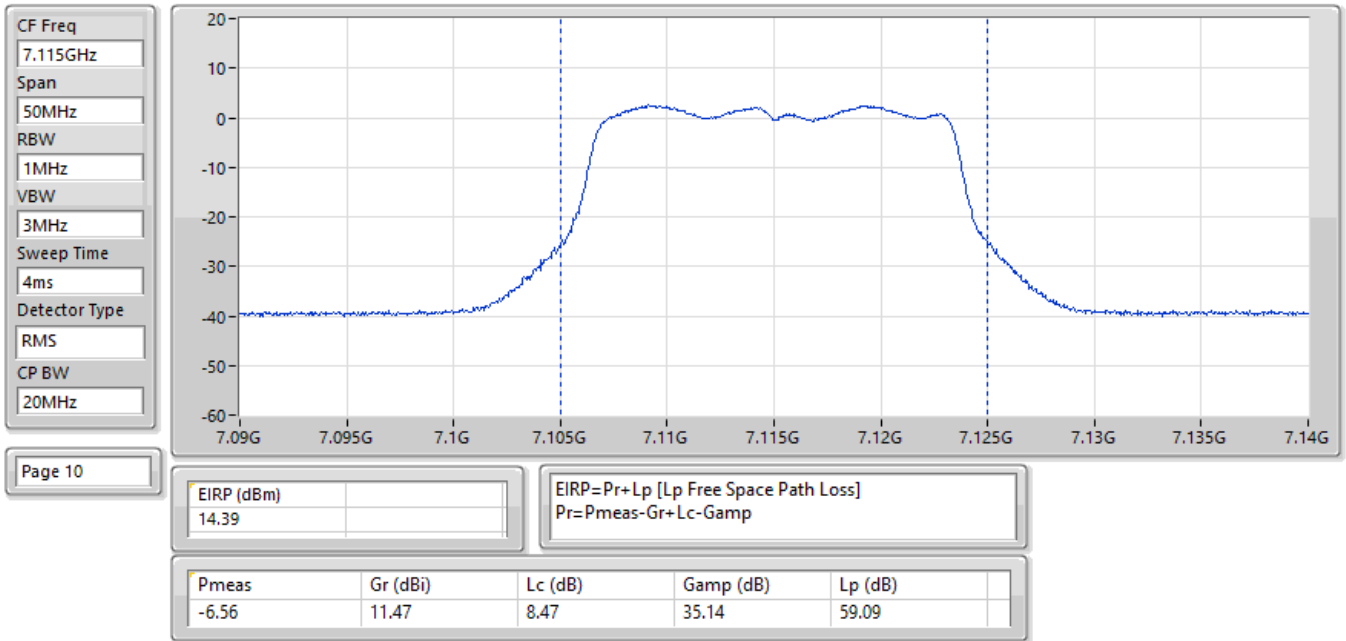
EIRP (dBm)  
17.59

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

| Pmeas | Gr (dBi) | Lc (dB) | Gamp (dB) | Lp (dB) |
|-------|----------|---------|-----------|---------|
| -3.27 | 11.51    | 8.45    | 35.14     | 59.06   |

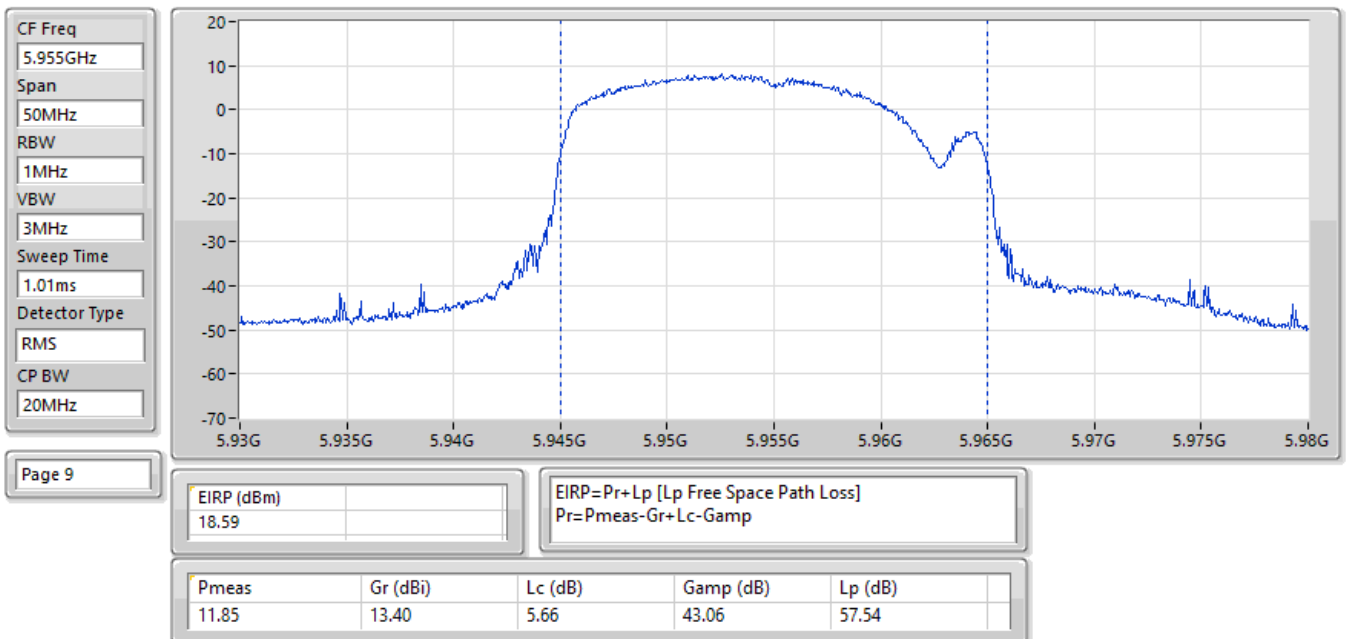
20/01/2025

EIRP:Band:7.0G;11a;BWch:20MHz;Nss:1,(6D);Nant:2;Ch:7115MHz;TX



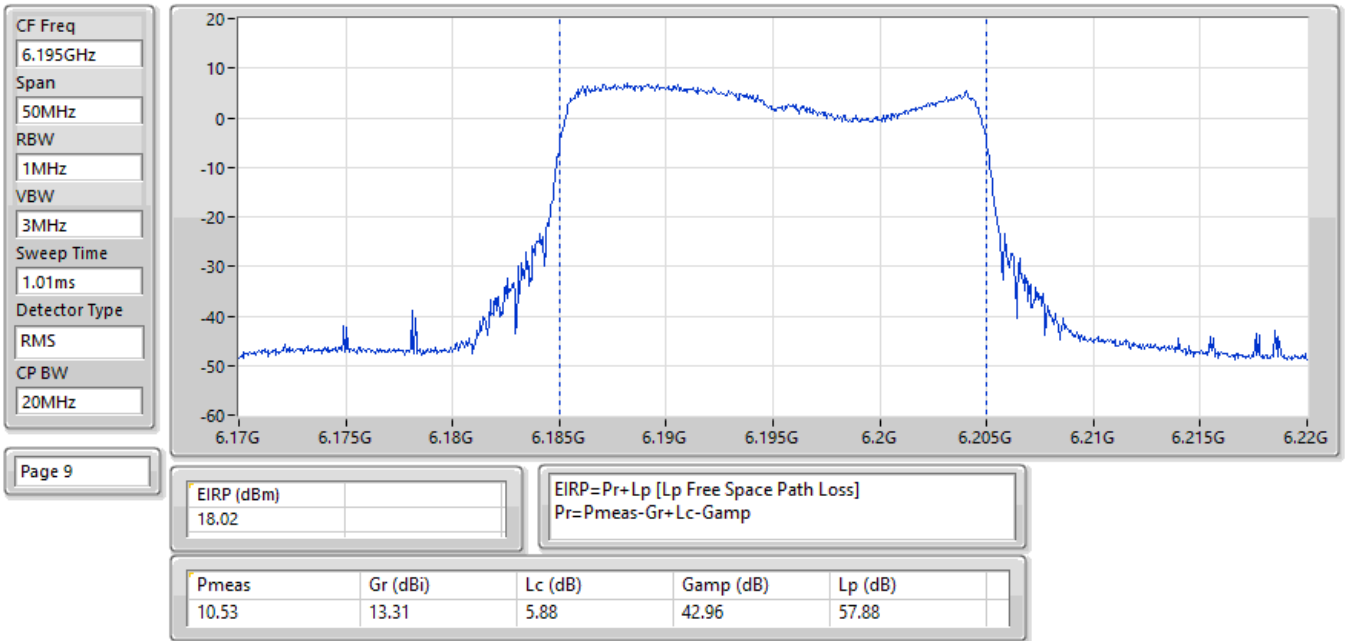
18/01/2025

EIRP:Band:6.2G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:5955MHz;TX



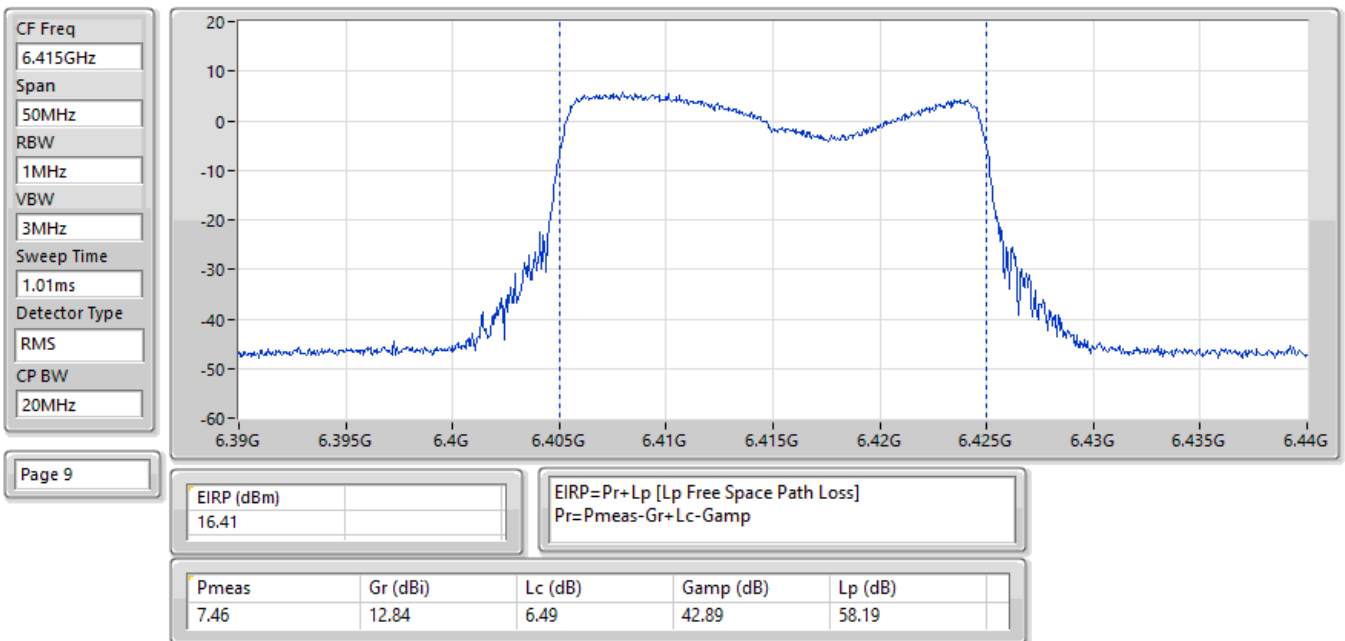
18/01/2025

EIRP:Band:6.2G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6195MHz;TX



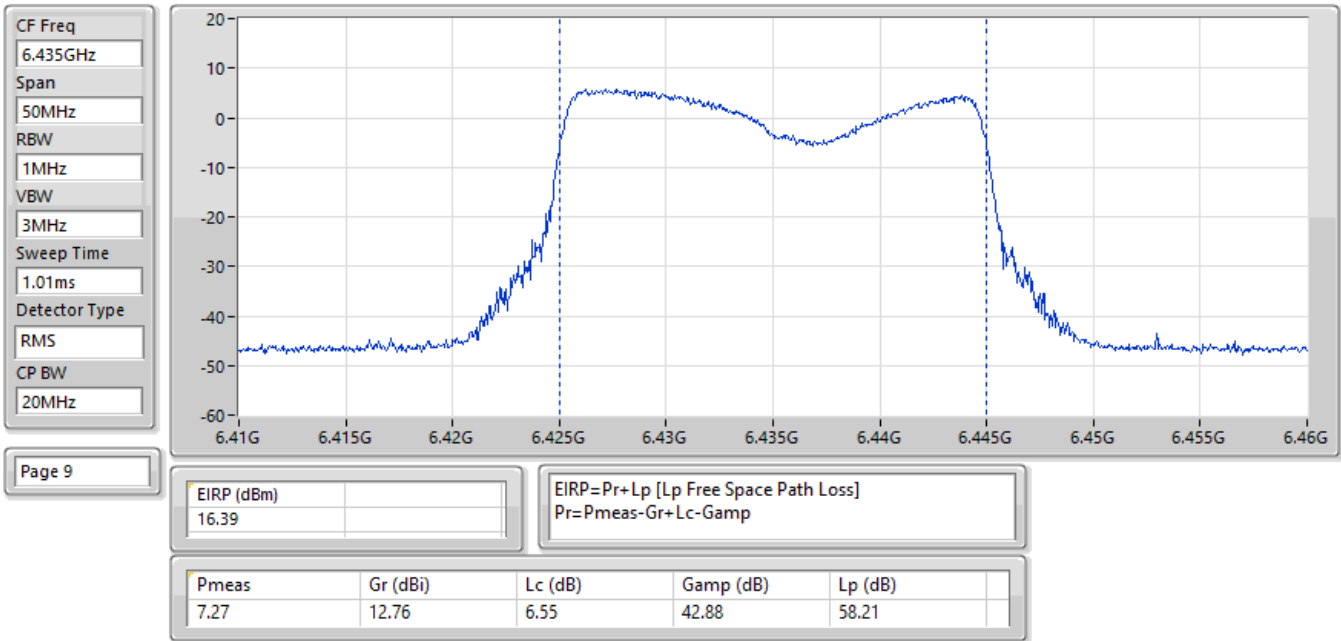
18/01/2025

EIRP:Band:6.2G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6415MHz;TX



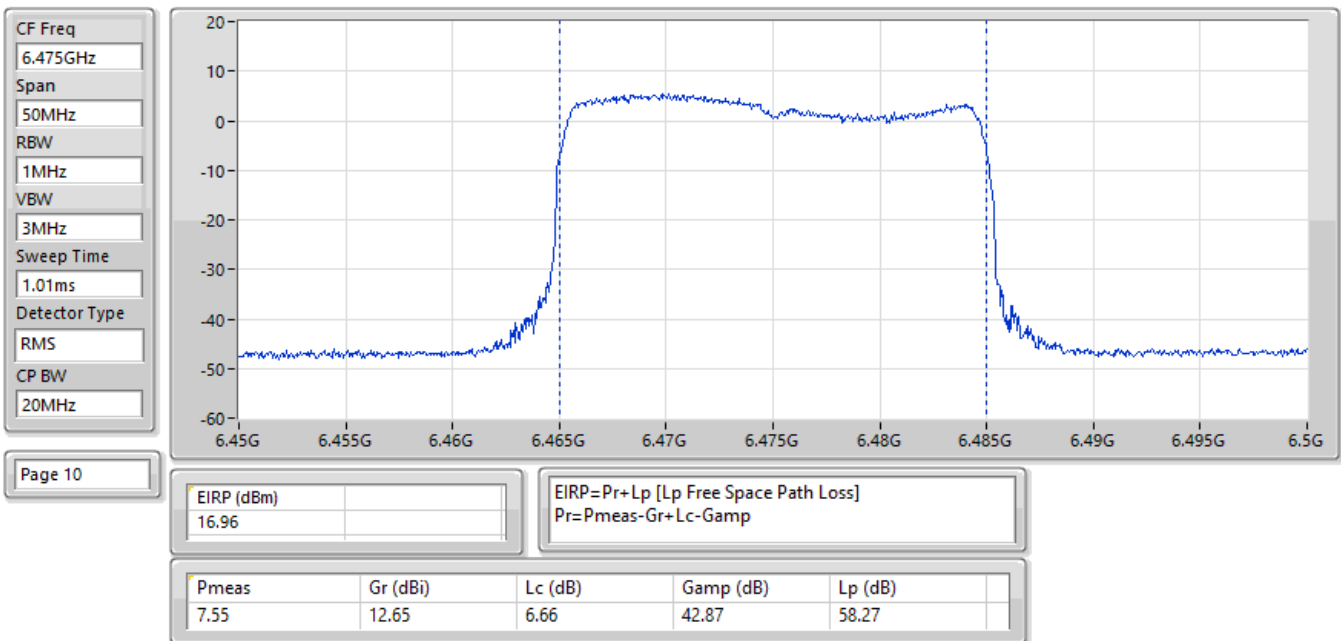
17/01/2025

EIRP:Band:6.4G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6435MHz;TX



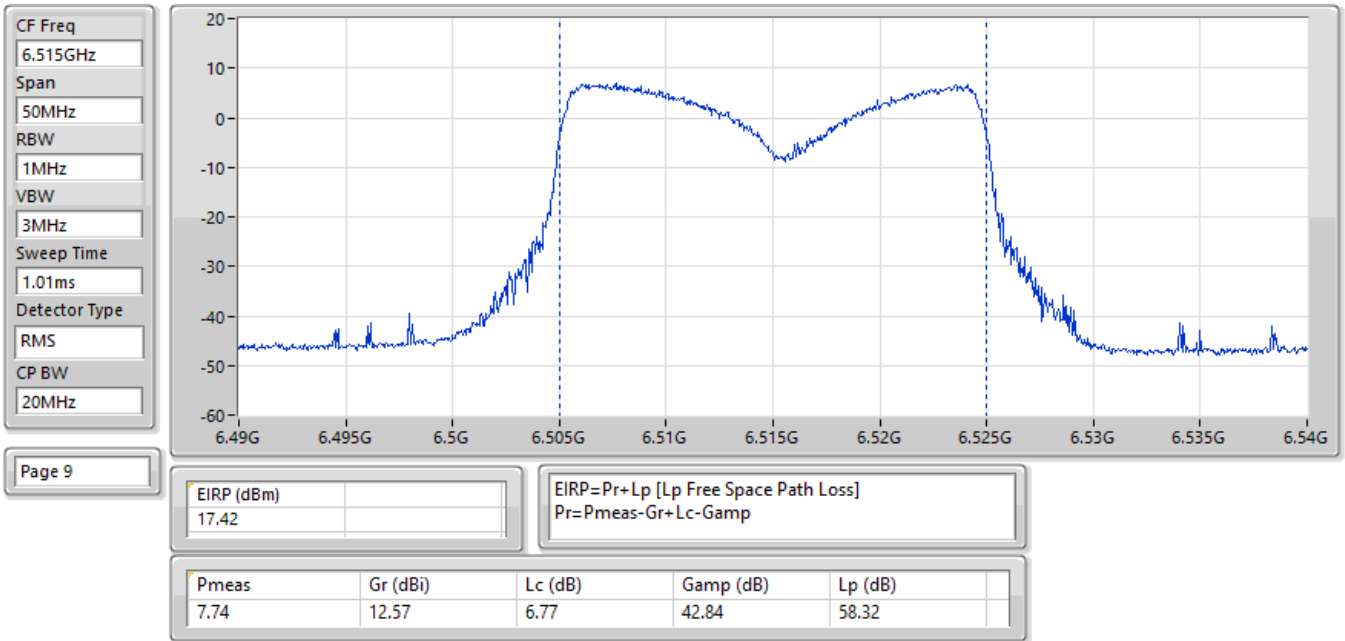
21/01/2025

EIRP:Band:6.4G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6475MHz;TX



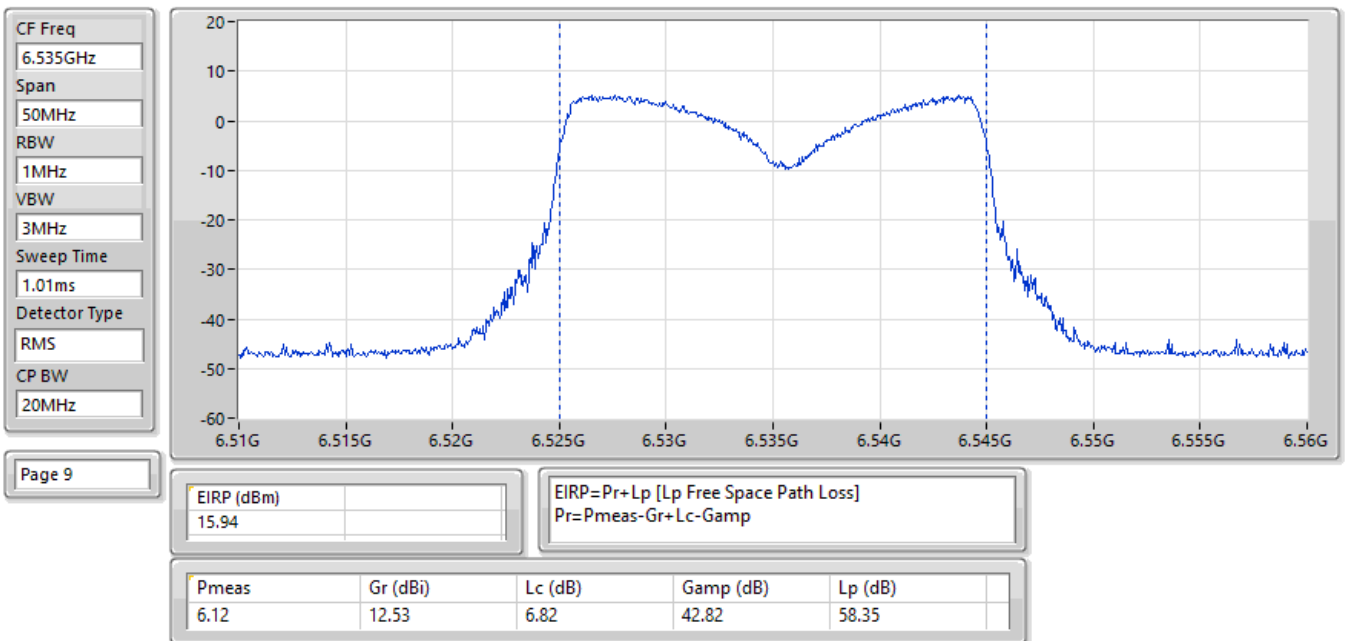
18/01/2025

EIRP:Band:6.4G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6515MHz;TX



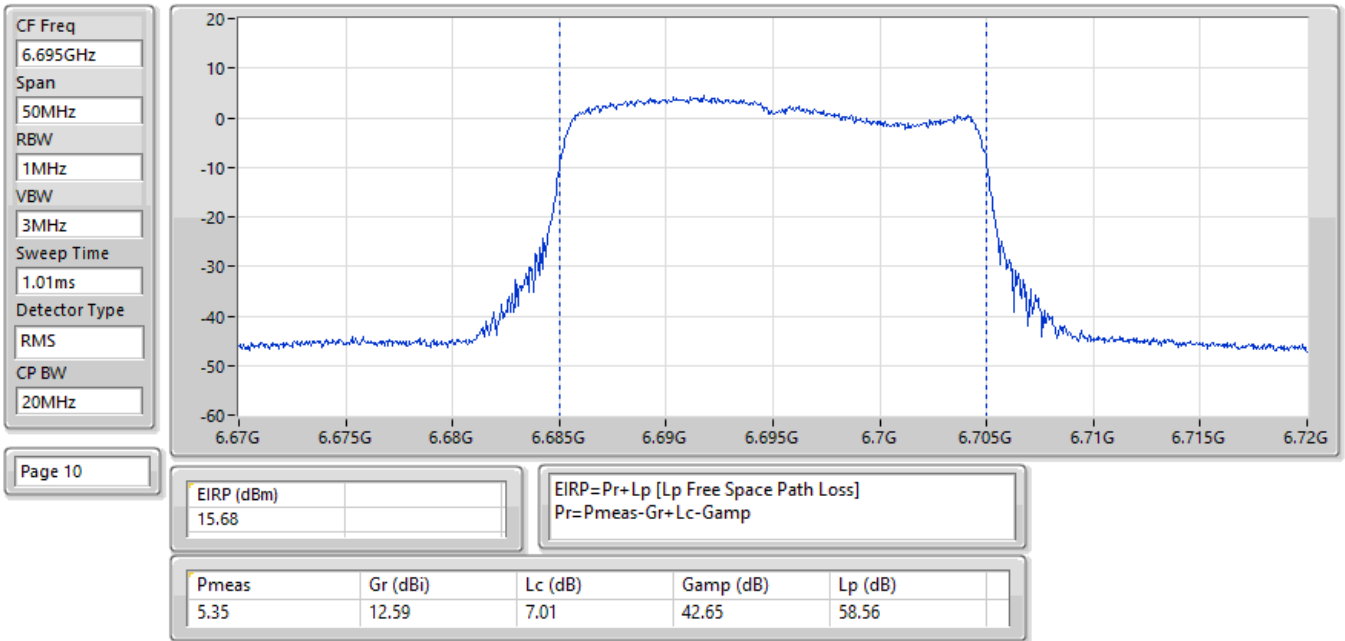
18/01/2025

EIRP:Band:6.7G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6535MHz;TX



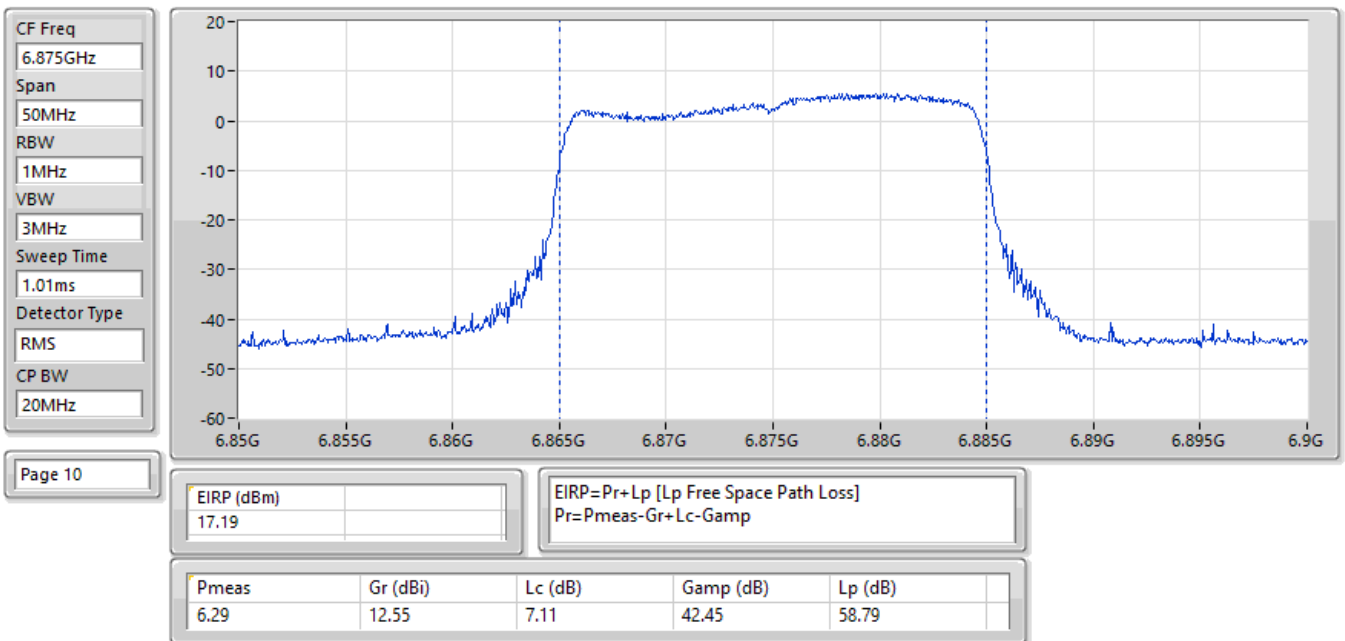
17/01/2025

EIRP:Band:6.7G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6695MHz;TX



18/01/2025

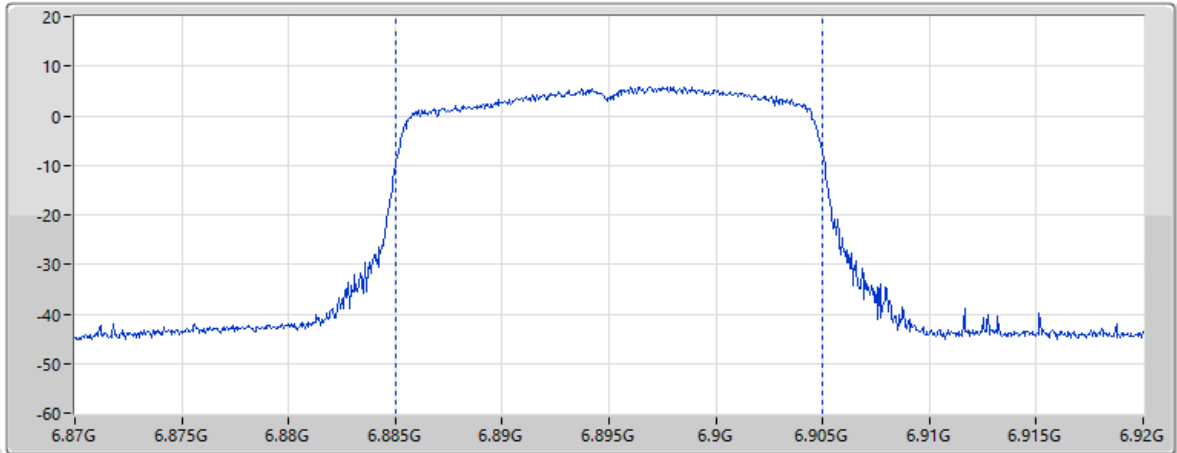
EIRP:Band:6.7G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6875MHz;TX



17/01/2025

EIRP;Band:7.0G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6895MHz;TX

CF Freq  
6.895GHz  
Span  
50MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
1.01ms  
Detector Type  
RMS  
CP BW  
20MHz



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EIRP (dBm)  
17.72

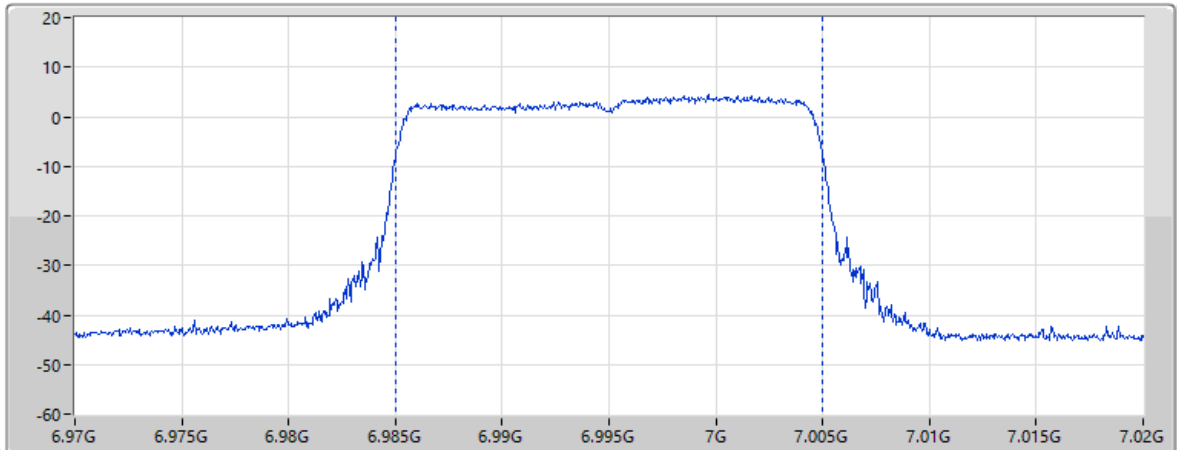
EIRP=Pr+Lp [Lp Free Space Path Loss]  
Pr=Pmeas-Gr+Lc-Gamp

| Pmeas | Gr (dBi) | Lc (dB) | Gamp (dB) | Lp (dB) |
|-------|----------|---------|-----------|---------|
| 6.64  | 12.43    | 7.13    | 42.43     | 58.81   |

17/01/2025

EIRP;Band:7.0G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6995MHz;TX

CF Freq  
6.995GHz  
Span  
50MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
1.01ms  
Detector Type  
RMS  
CP BW  
20MHz



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EIRP (dBm)  
16.66

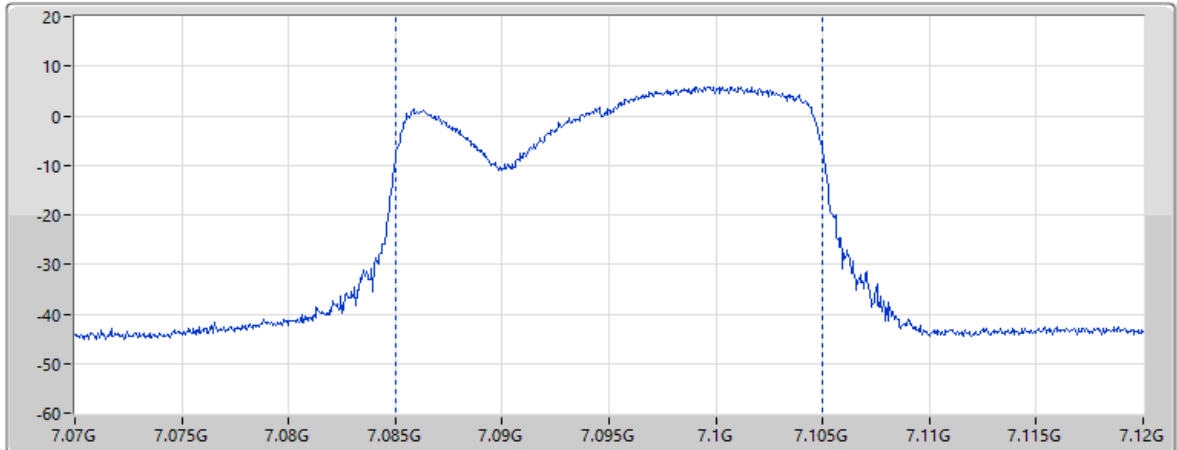
EIRP=Pr+Lp [Lp Free Space Path Loss]  
Pr=Pmeas-Gr+Lc-Gamp

| Pmeas | Gr (dBi) | Lc (dB) | Gamp (dB) | Lp (dB) |
|-------|----------|---------|-----------|---------|
| 4.91  | 12.11    | 7.24    | 42.32     | 58.94   |

18/01/2025

EIRP:Band:7.0G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:7095MHz;TX

CF Freq  
7.095GHz  
Span  
50MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
4ms  
Detector Type  
RMS  
CP BW  
20MHz



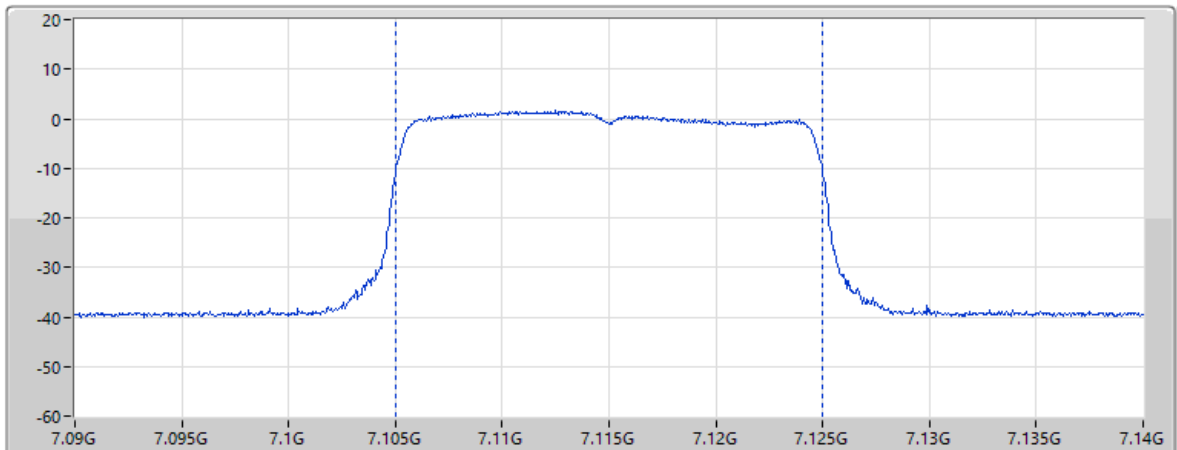
Page 9

|            |          |                                                             |           |         |
|------------|----------|-------------------------------------------------------------|-----------|---------|
| EIRP (dBm) |          | EIRP=Pr+Lp [Lp Free Space Path Loss]<br>Pr=Pmeas-Gr+Lc-Gamp |           |         |
| 16.29      |          |                                                             |           |         |
| Pmeas      | Gr (dBi) | Lc (dB)                                                     | Gamp (dB) | Lp (dB) |
| 3.99       | 11.54    | 7.23                                                        | 42.45     | 59.06   |

20/01/2025

EIRP:Band:7.0G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:7115MHz;TX

CF Freq  
7.115GHz  
Span  
50MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
4ms  
Detector Type  
RMS  
CP BW  
20MHz

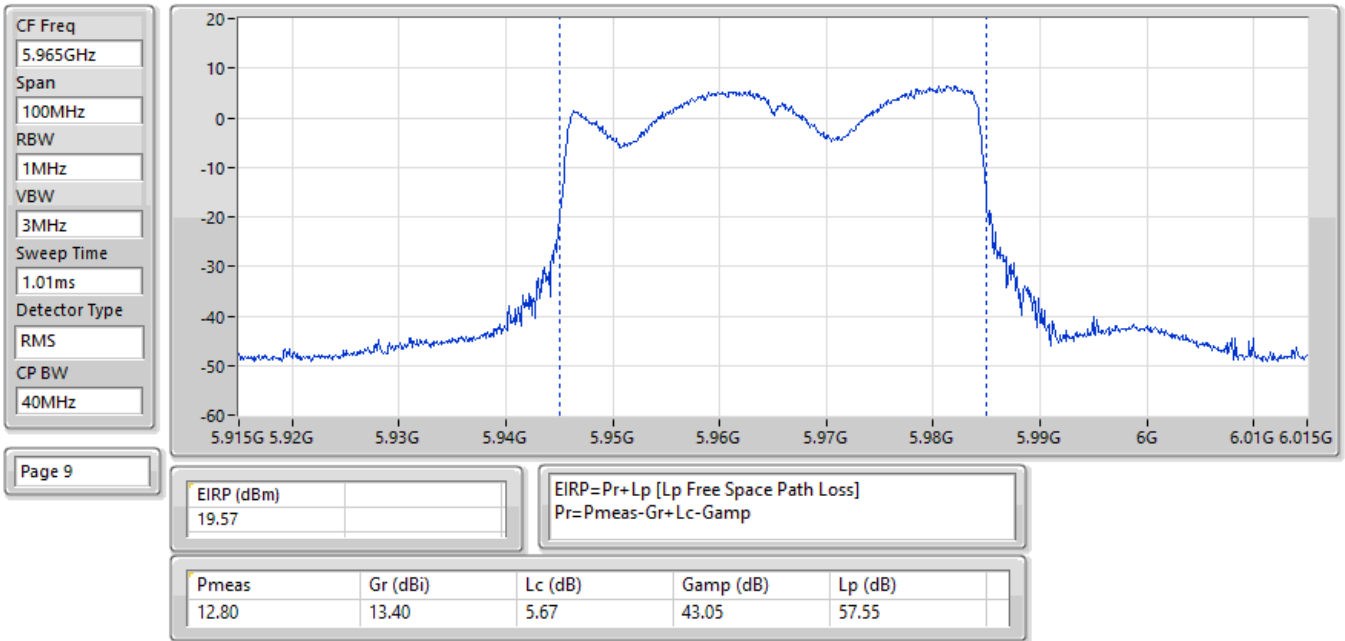


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|            |          |                                                             |           |         |
|------------|----------|-------------------------------------------------------------|-----------|---------|
| EIRP (dBm) |          | EIRP=Pr+Lp [Lp Free Space Path Loss]<br>Pr=Pmeas-Gr+Lc-Gamp |           |         |
| 14.14      |          |                                                             |           |         |
| Pmeas      | Gr (dBi) | Lc (dB)                                                     | Gamp (dB) | Lp (dB) |
| -6.81      | 11.47    | 8.47                                                        | 35.14     | 59.09   |

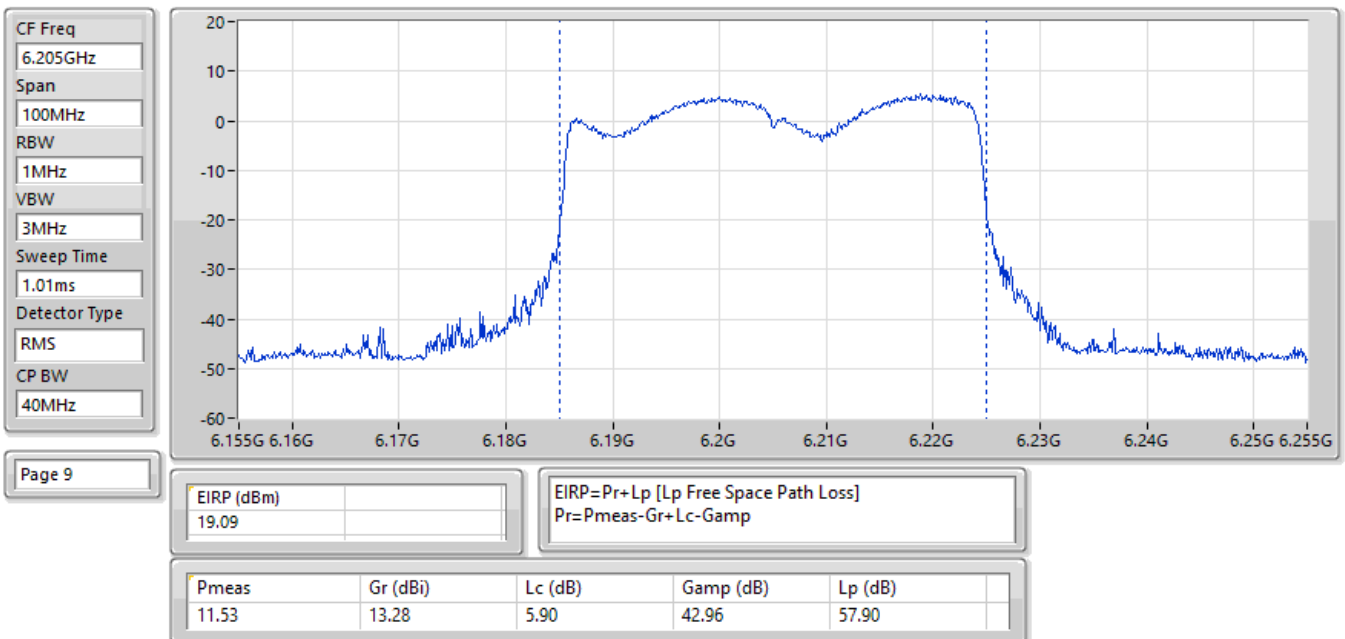
18/01/2025

EIRP:Band:6.2G;be40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:5965MHz;TX



18/01/2025

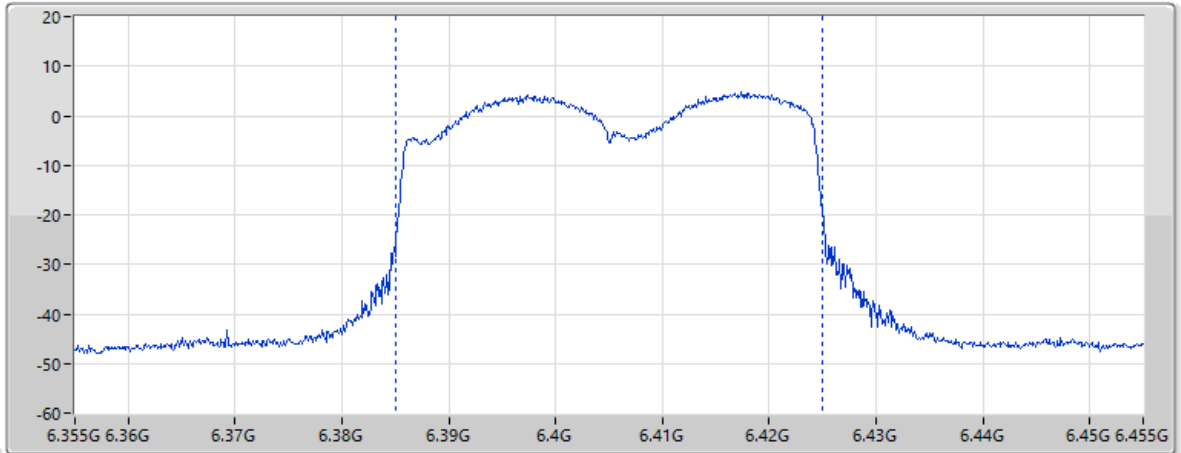
EIRP:Band:6.2G;be40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6205MHz;TX



17/01/2025

EIRP:Band:6.2G;be40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6405MHz;TX

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



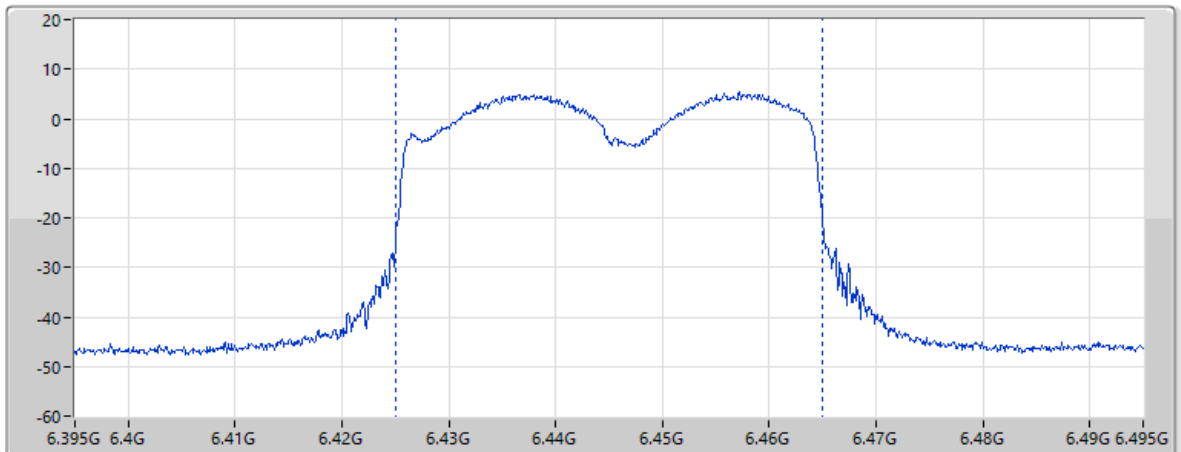
Page 9

|            |          |                                                             |           |         |
|------------|----------|-------------------------------------------------------------|-----------|---------|
| EIRP (dBm) | 18.46    | EIRP=Pr+Lp [Lp Free Space Path Loss]<br>Pr=Pmeas-Gr+Lc-Gamp |           |         |
| Pmeas      | Gr (dBi) | Lc (dB)                                                     | Gamp (dB) | Lp (dB) |
| 9.60       | 12.88    | 6.46                                                        | 42.89     | 58.17   |

17/01/2025

EIRP:Band:6.4G;be40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6445MHz;TX

CF Freq  
6.445GHz  
Span  
100MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
1.01ms  
Detector Type  
RMS  
CP BW  
40MHz

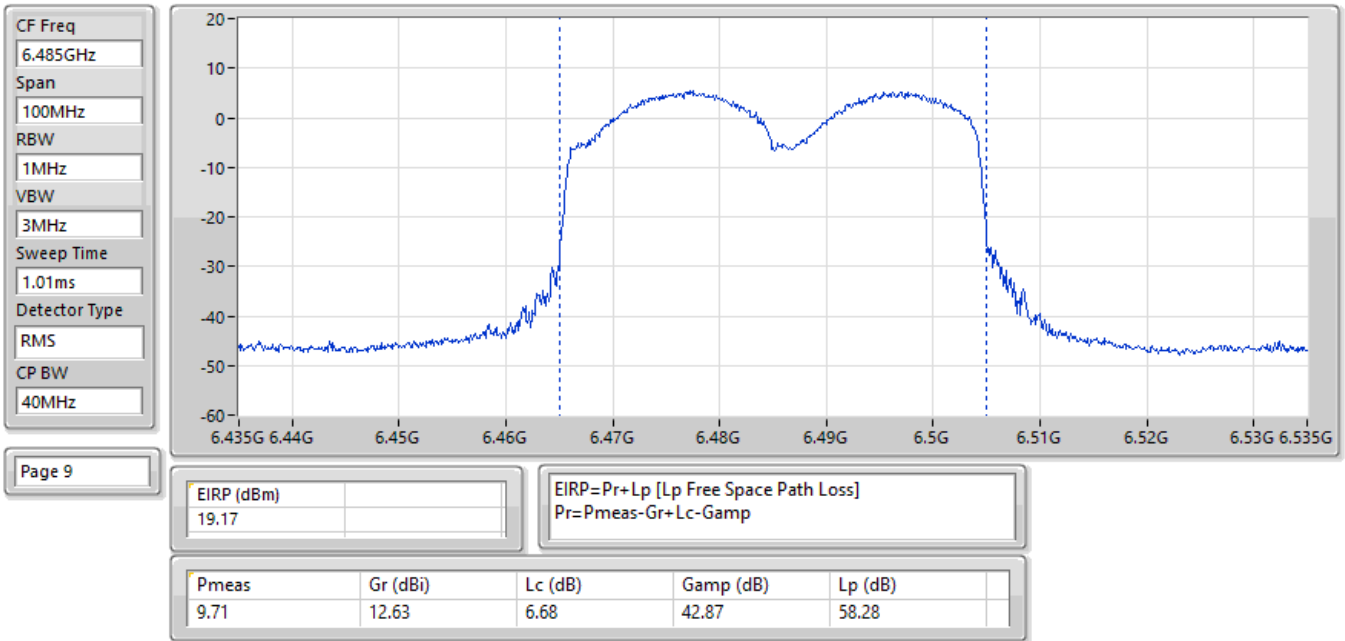


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|            |          |                                                             |           |         |
|------------|----------|-------------------------------------------------------------|-----------|---------|
| EIRP (dBm) | 18.93    | EIRP=Pr+Lp [Lp Free Space Path Loss]<br>Pr=Pmeas-Gr+Lc-Gamp |           |         |
| Pmeas      | Gr (dBi) | Lc (dB)                                                     | Gamp (dB) | Lp (dB) |
| 9.73       | 12.72    | 6.57                                                        | 42.88     | 58.23   |

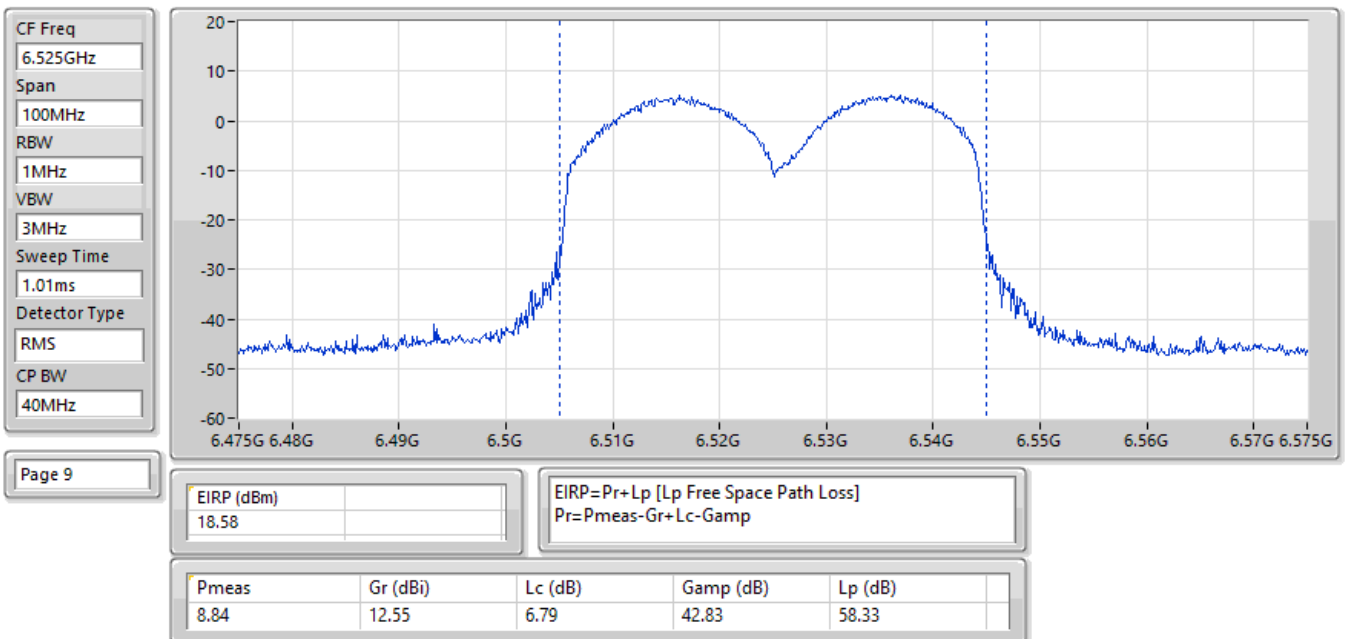
18/01/2025

EIRP:Band:6.4G;be40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6485MHz;TX



17/01/2025

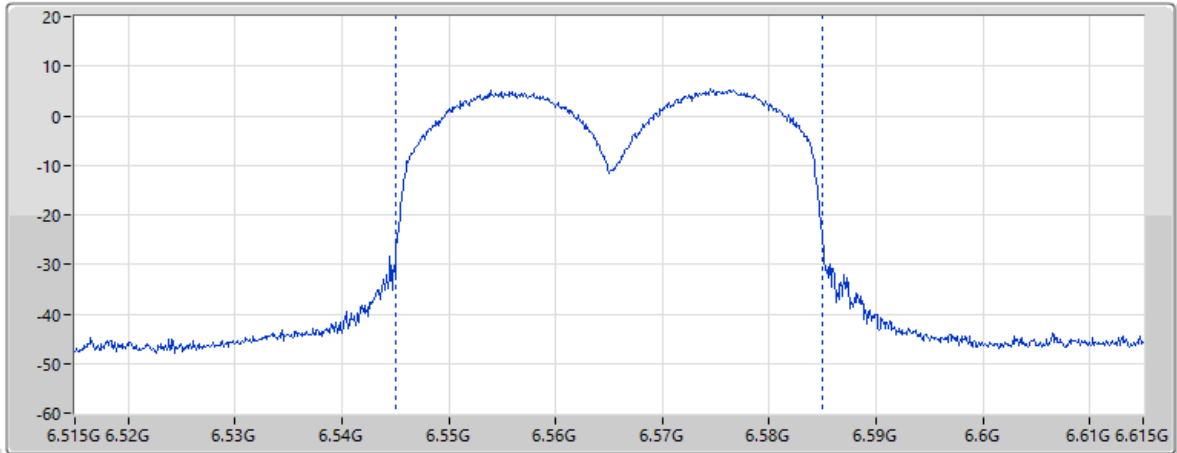
EIRP:Band:6.4G;be40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6525MHz;TX



18/01/2025

EIRP:Band:6.7G;be40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6565MHz;TX

CF Freq  
6.565GHz  
Span  
100MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
1.01ms  
Detector Type  
RMS  
CP BW  
40MHz



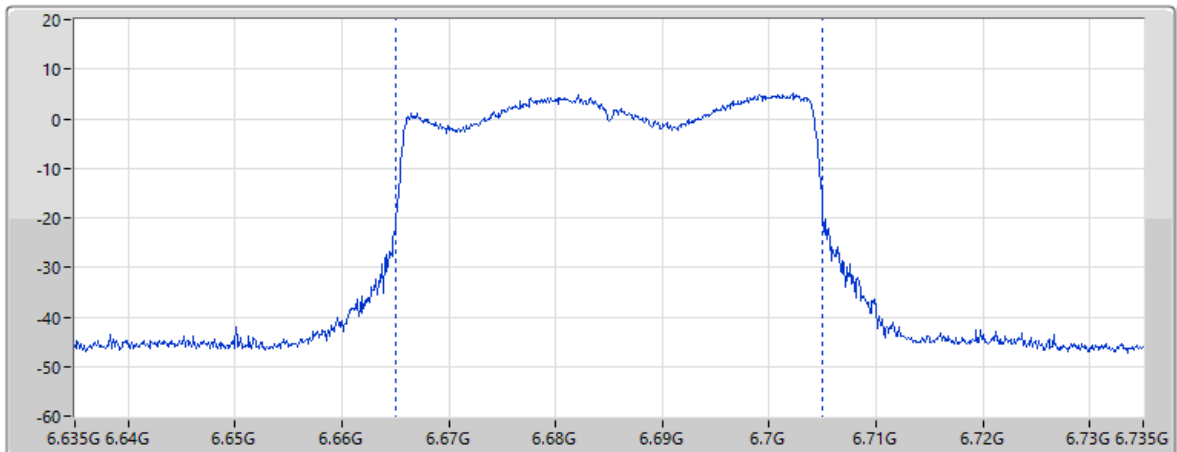
Page 9

|            |          |                                                             |           |         |
|------------|----------|-------------------------------------------------------------|-----------|---------|
| EIRP (dBm) |          | EIRP=Pr+Lp [Lp Free Space Path Loss]<br>Pr=Pmeas-Gr+Lc-Gamp |           |         |
| 18.9       |          |                                                             |           |         |
| Pmeas      | Gr (dBi) | Lc (dB)                                                     | Gamp (dB) | Lp (dB) |
| 8.90       | 12.50    | 6.90                                                        | 42.79     | 58.39   |

17/01/2025

EIRP:Band:6.7G;be40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6685MHz;TX

CF Freq  
6.685GHz  
Span  
100MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
1.01ms  
Detector Type  
RMS  
CP BW  
40MHz

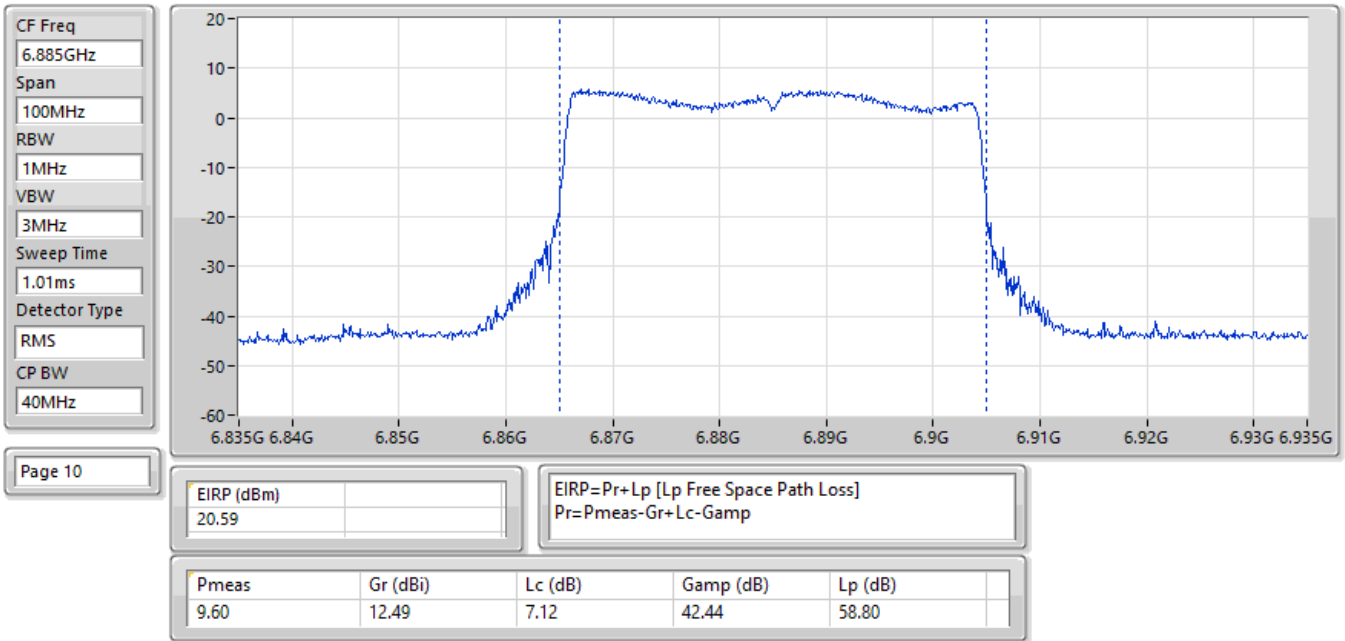


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|            |          |                                                             |           |         |
|------------|----------|-------------------------------------------------------------|-----------|---------|
| EIRP (dBm) |          | EIRP=Pr+Lp [Lp Free Space Path Loss]<br>Pr=Pmeas-Gr+Lc-Gamp |           |         |
| 19         |          |                                                             |           |         |
| Pmeas      | Gr (dBi) | Lc (dB)                                                     | Gamp (dB) | Lp (dB) |
| 8.68       | 12.57    | 7.01                                                        | 42.66     | 58.54   |

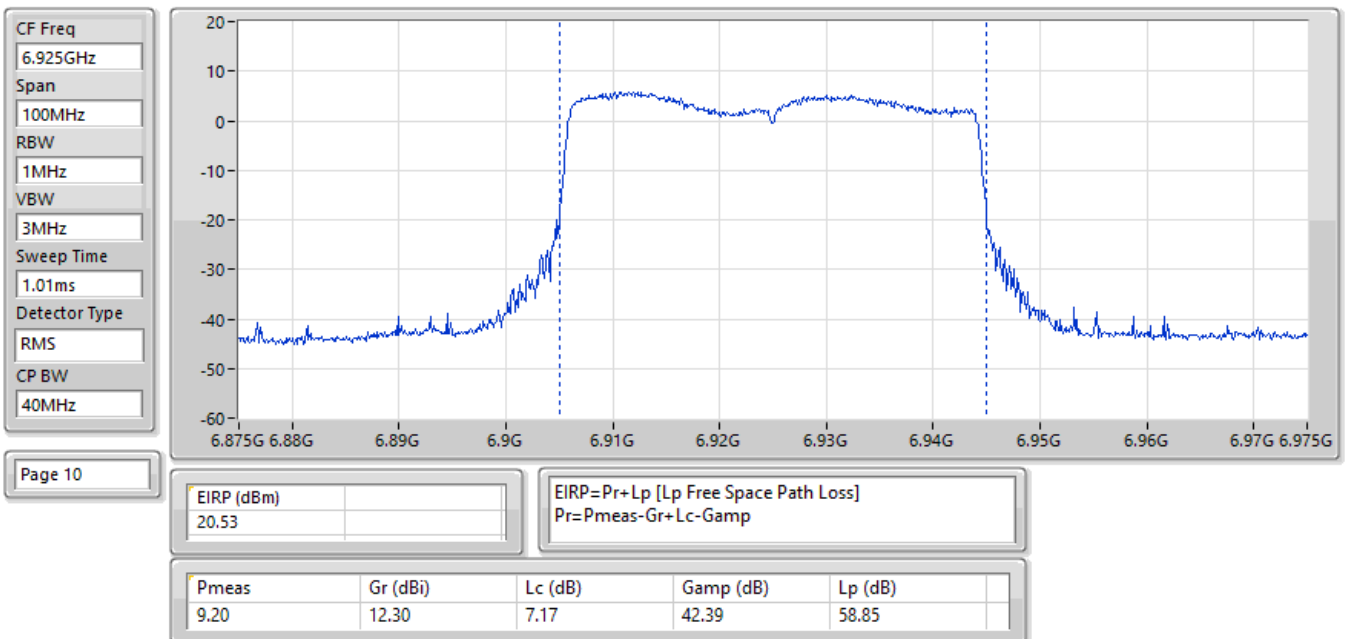
18/01/2025

EIRP:Band:6.7G;be40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6885MHz;TX



18/01/2025

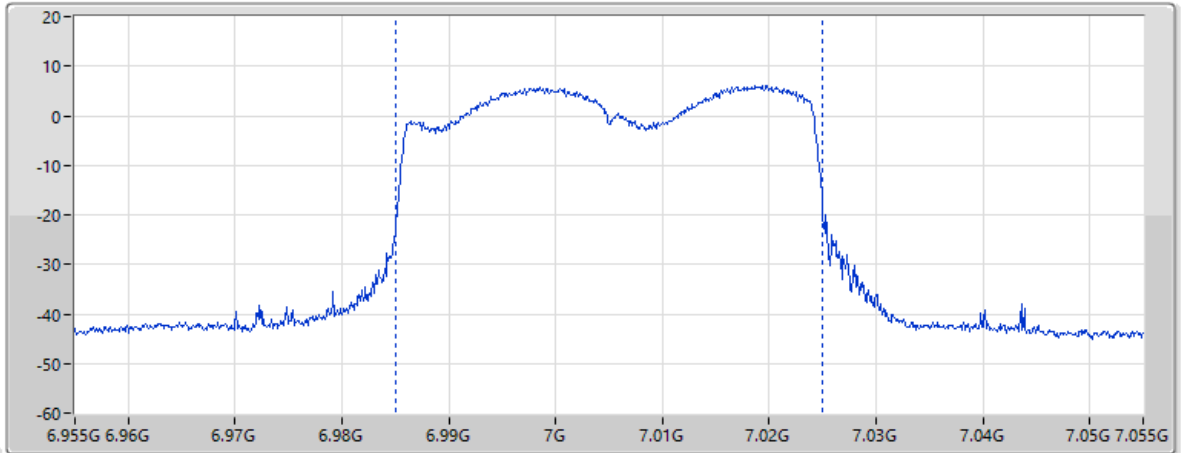
EIRP:Band:7.0G;be40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6925MHz;TX



18/01/2025

EIRP:Band:7.0G;be40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:7005MHz;TX

CF Freq  
7.005GHz  
Span  
100MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
4ms  
Detector Type  
RMS  
CP BW  
40MHz



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EIRP (dBm)  
20

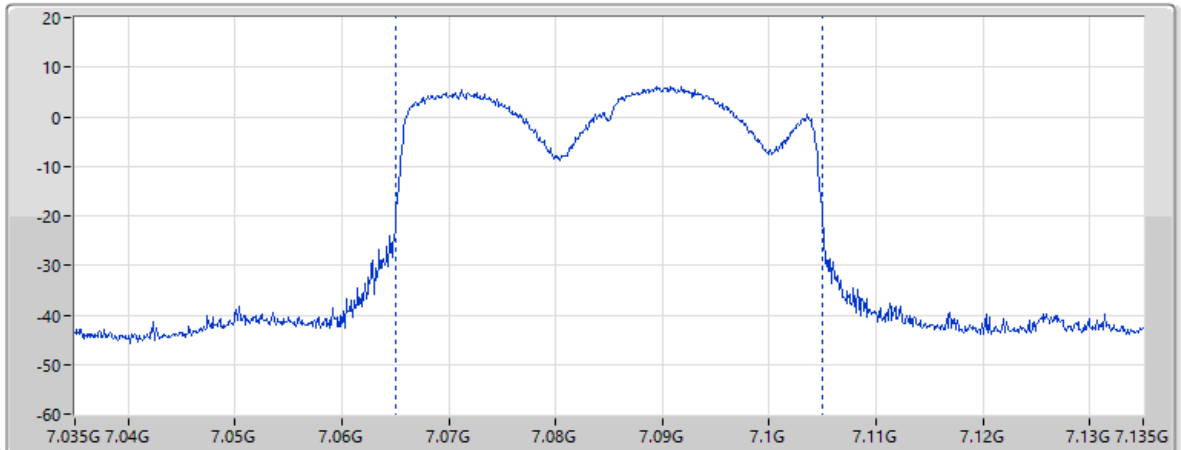
EIRP=Pr+Lp [Lp Free Space Path Loss]  
Pr=Pmeas-Gr+Lc-Gamp

| Pmeas | Gr (dBi) | Lc (dB) | Gamp (dB) | Lp (dB) |
|-------|----------|---------|-----------|---------|
| 8.20  | 12.08    | 7.25    | 42.32     | 58.95   |

18/01/2025

EIRP:Band:7.0G;be40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:7085MHz;TX

CF Freq  
7.085GHz  
Span  
100MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
4ms  
Detector Type  
RMS  
CP BW  
40MHz



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EIRP (dBm)  
19.19

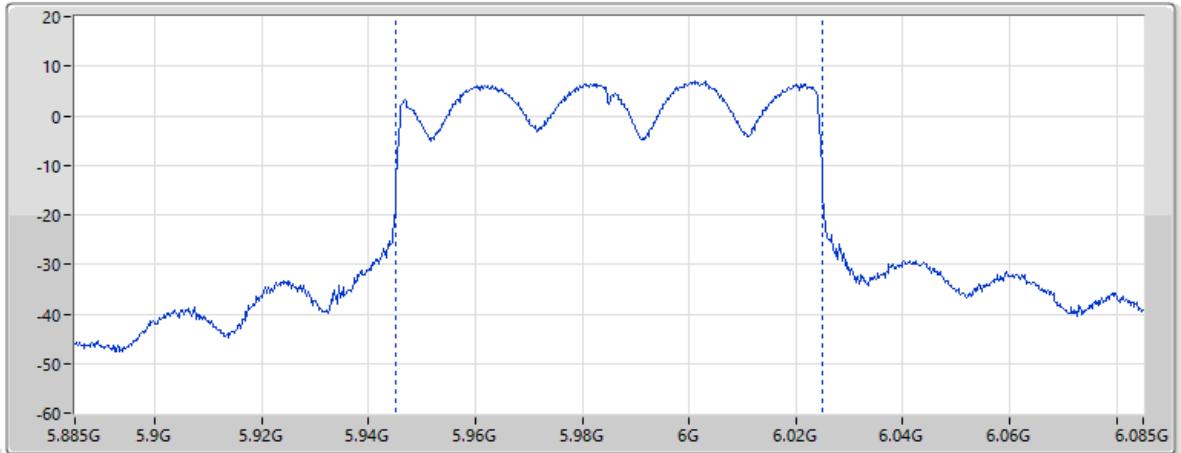
EIRP=Pr+Lp [Lp Free Space Path Loss]  
Pr=Pmeas-Gr+Lc-Gamp

| Pmeas | Gr (dBi) | Lc (dB) | Gamp (dB) | Lp (dB) |
|-------|----------|---------|-----------|---------|
| 6.96  | 11.62    | 7.23    | 42.43     | 59.05   |

18/01/2025

EIRP:Band:6.2G;be80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:5985MHz;TX

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



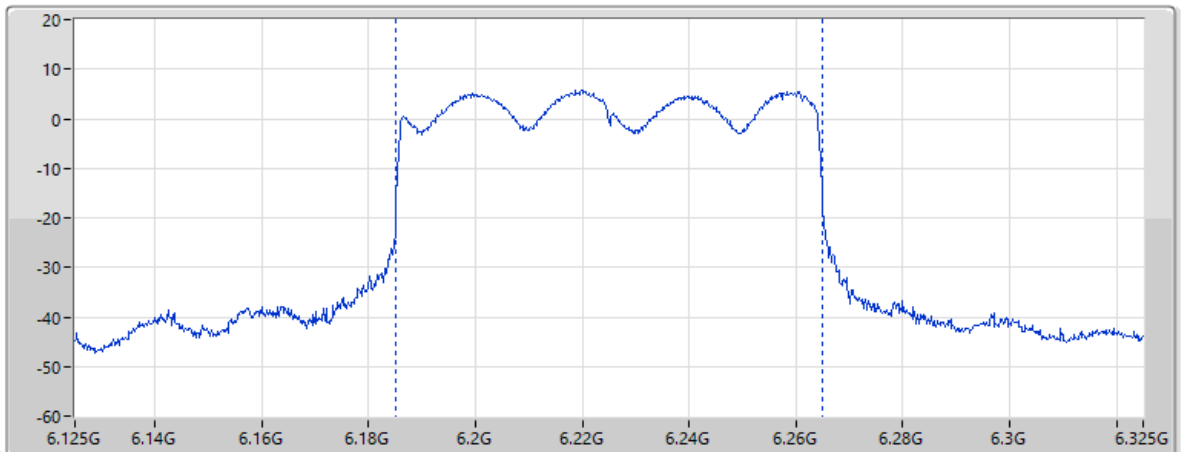
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|            |          |                                                             |           |         |
|------------|----------|-------------------------------------------------------------|-----------|---------|
| EIRP (dBm) |          | EIRP=Pr+Lp [Lp Free Space Path Loss]<br>Pr=Pmeas-Gr+Lc-Gamp |           |         |
| 23.64      |          |                                                             |           |         |
| Pmeas      | Gr (dBi) | Lc (dB)                                                     | Gamp (dB) | Lp (dB) |
| 16.82      | 13.40    | 5.68                                                        | 43.04     | 57.58   |

18/01/2025

EIRP:Band:6.2G;be80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6225MHz;TX

CF Freq  
6.225GHz  
Span  
200MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
1.01ms  
Detector Type  
RMS  
CP BW  
80MHz



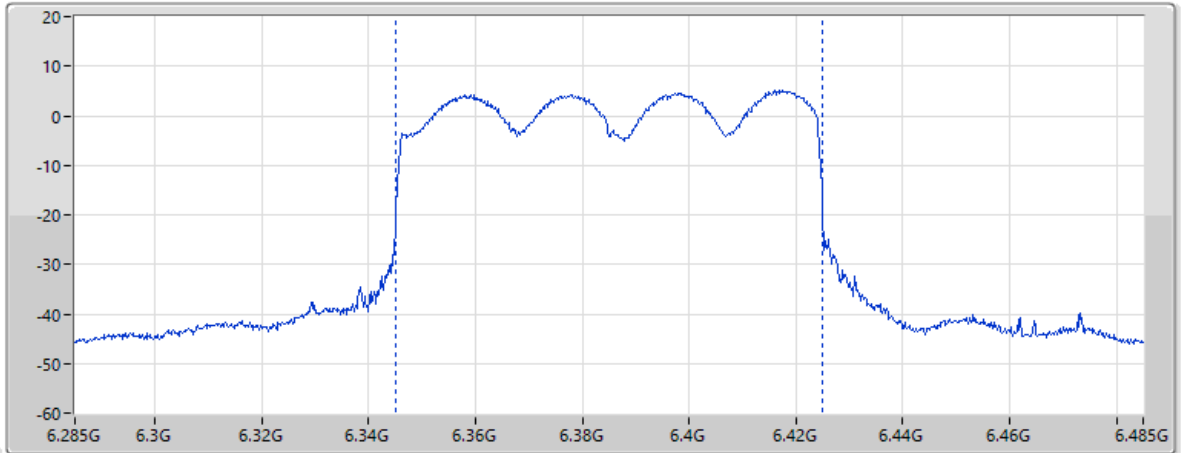
Page 9

|            |          |                                                             |           |         |
|------------|----------|-------------------------------------------------------------|-----------|---------|
| EIRP (dBm) |          | EIRP=Pr+Lp [Lp Free Space Path Loss]<br>Pr=Pmeas-Gr+Lc-Gamp |           |         |
| 22.65      |          |                                                             |           |         |
| Pmeas      | Gr (dBi) | Lc (dB)                                                     | Gamp (dB) | Lp (dB) |
| 14.91      | 13.20    | 5.96                                                        | 42.95     | 57.93   |

18/01/2025

EIRP:Band:6.2G;be80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6385MHz;TX

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



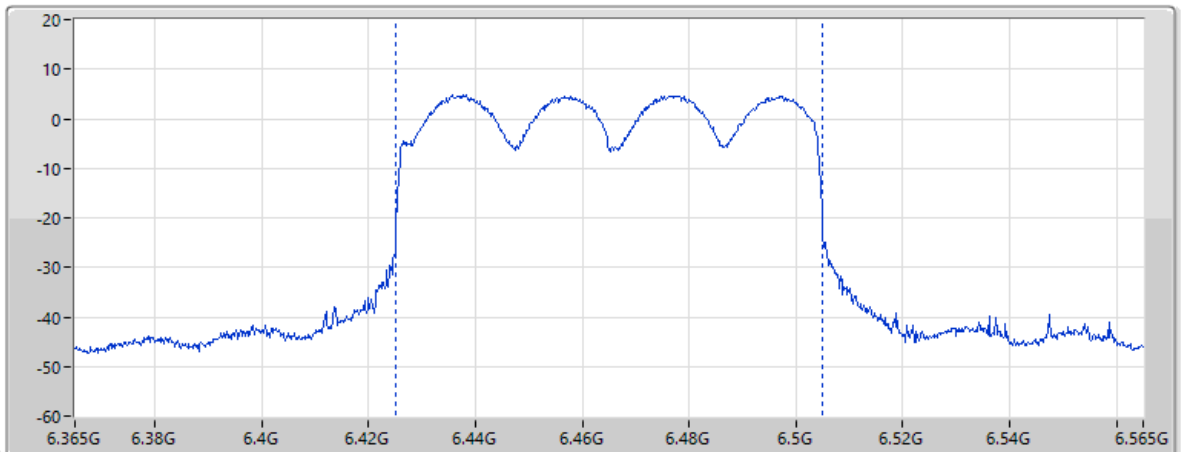
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|            |          |                                                             |           |         |
|------------|----------|-------------------------------------------------------------|-----------|---------|
| EIRP (dBm) |          | EIRP=Pr+Lp [Lp Free Space Path Loss]<br>Pr=Pmeas-Gr+Lc-Gamp |           |         |
| 21.96      |          |                                                             |           |         |
| Pmeas      | Gr (dBi) | Lc (dB)                                                     | Gamp (dB) | Lp (dB) |
| 13.26      | 12.96    | 6.41                                                        | 42.90     | 58.15   |

18/01/2025

EIRP:Band:6.4G;be80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6465MHz;TX

CF Freq  
6.465GHz  
Span  
200MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
1.01ms  
Detector Type  
RMS  
CP BW  
80MHz

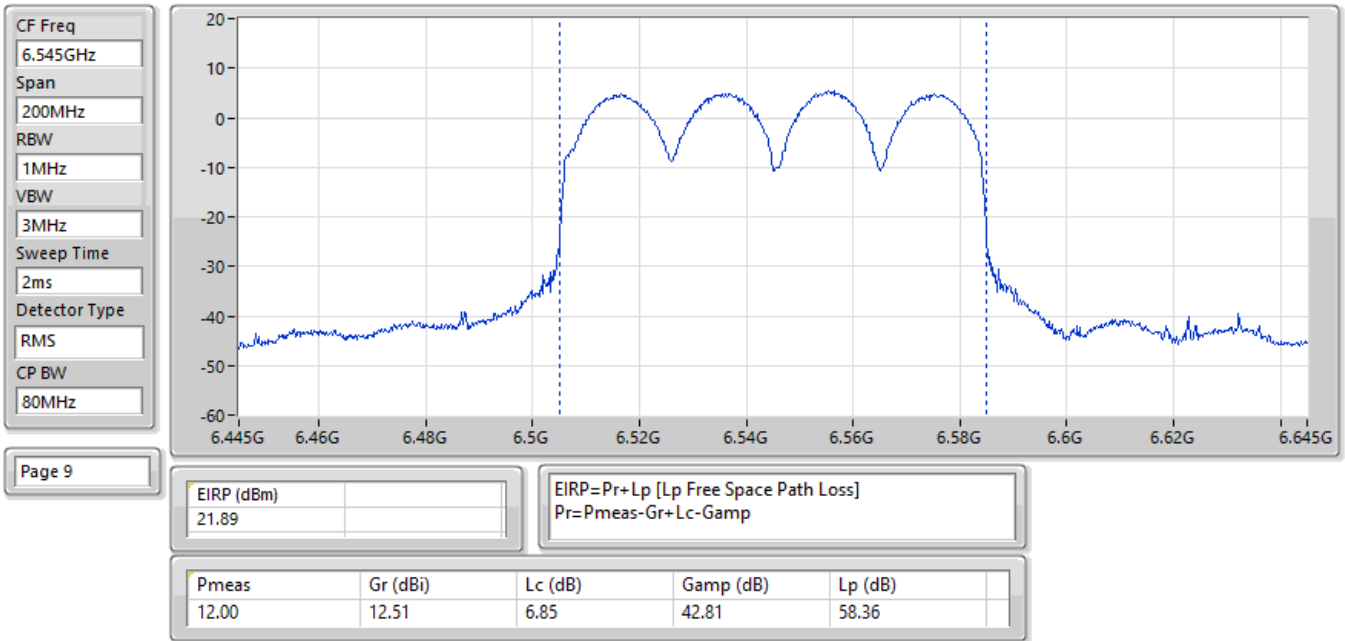


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|            |          |                                                             |           |         |
|------------|----------|-------------------------------------------------------------|-----------|---------|
| EIRP (dBm) |          | EIRP=Pr+Lp [Lp Free Space Path Loss]<br>Pr=Pmeas-Gr+Lc-Gamp |           |         |
| 21.87      |          |                                                             |           |         |
| Pmeas      | Gr (dBi) | Lc (dB)                                                     | Gamp (dB) | Lp (dB) |
| 12.53      | 12.67    | 6.63                                                        | 42.87     | 58.25   |

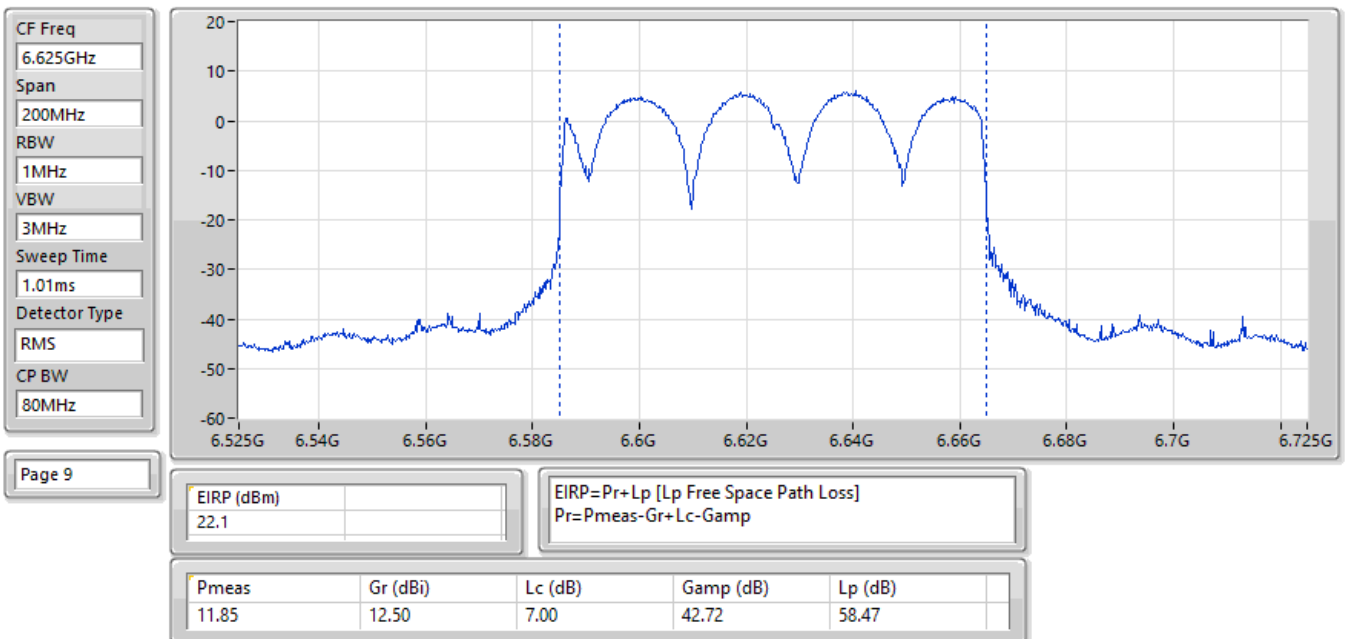
17/01/2025

EIRP;Band:6.4G;be80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6545MHz;TX



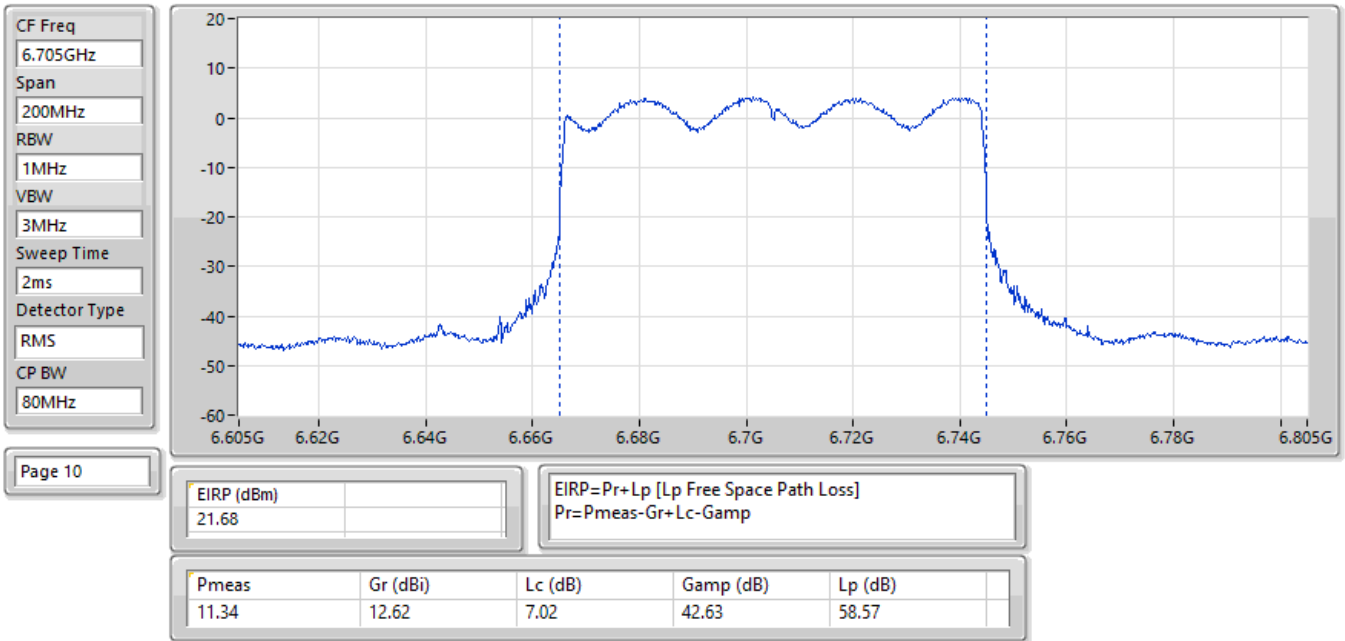
18/01/2025

EIRP;Band:6.7G;be80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6625MHz;TX



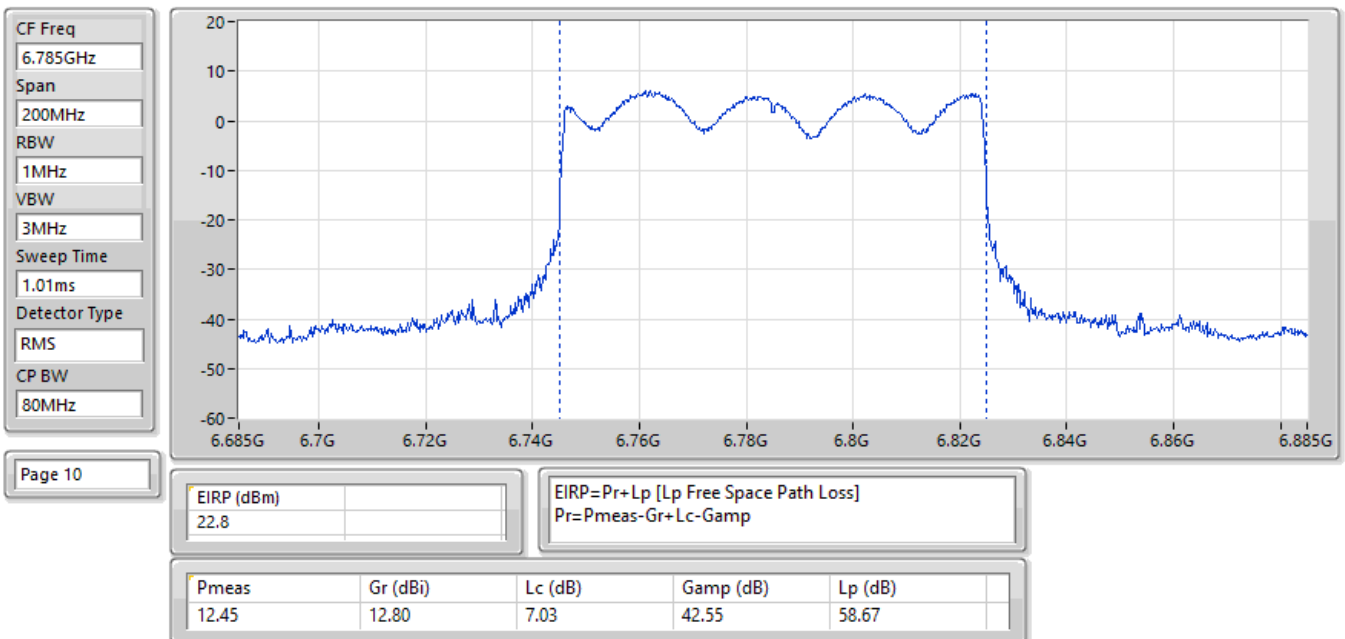
17/01/2025

EIRP:Band:6.7G;be80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6705MHz;TX



18/01/2025

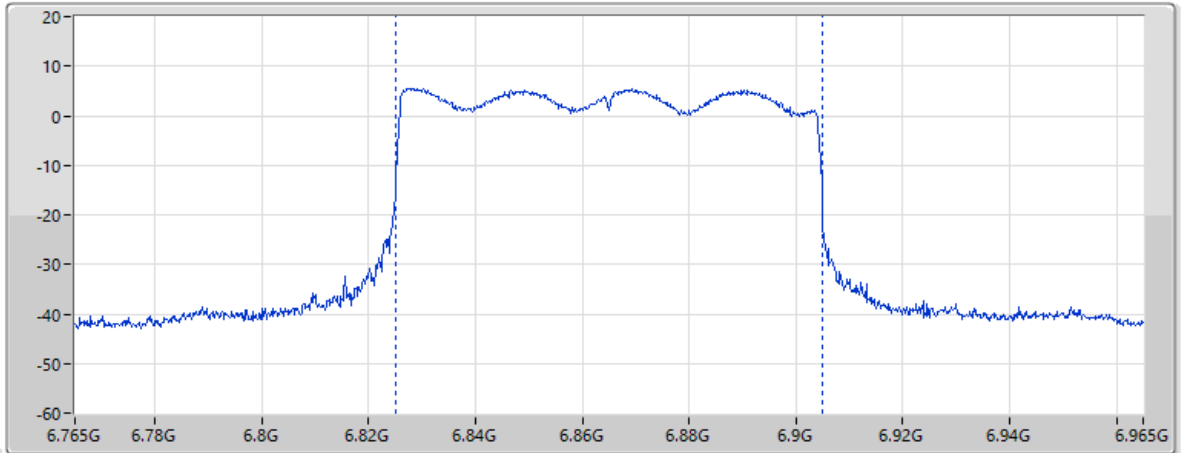
EIRP:Band:6.7G;be80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6785MHz;TX



18/01/2025

EIRP:Band:6.7G;be80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6865MHz;TX

CF Freq  
6.865GHz  
Span  
200MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
1.01ms  
Detector Type  
RMS  
CP BW  
80MHz



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EIRP (dBm)  
23.43

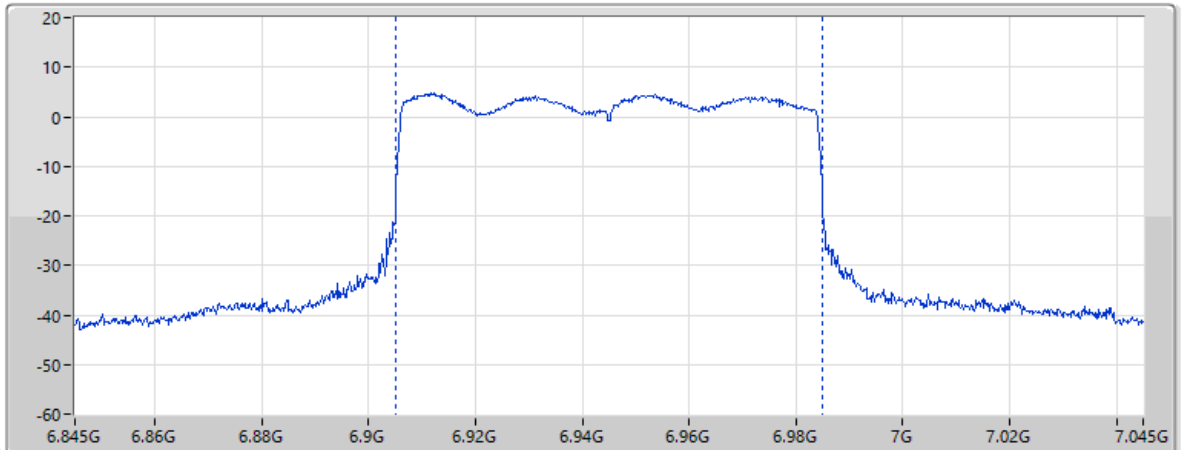
EIRP=Pr+Lp [Lp Free Space Path Loss]  
Pr=Pmeas-Gr+Lc-Gamp

| Pmeas | Gr (dBi) | Lc (dB) | Gamp (dB) | Lp (dB) |
|-------|----------|---------|-----------|---------|
| 12.62 | 12.61    | 7.10    | 42.46     | 58.78   |

17/01/2025

EIRP:Band:7.0G;be80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6945MHz;TX

CF Freq  
6.945GHz  
Span  
200MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
2ms  
Detector Type  
RMS  
CP BW  
80MHz



Page 10

EIRP (dBm)  
22.87

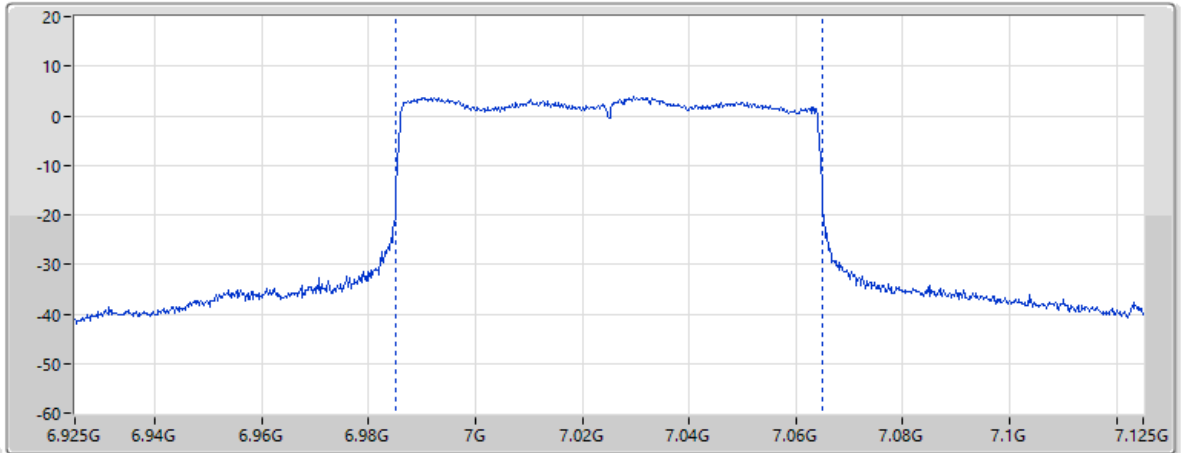
EIRP=Pr+Lp [Lp Free Space Path Loss]  
Pr=Pmeas-Gr+Lc-Gamp

| Pmeas | Gr (dBi) | Lc (dB) | Gamp (dB) | Lp (dB) |
|-------|----------|---------|-----------|---------|
| 11.39 | 12.22    | 7.19    | 42.37     | 58.88   |

17/01/2025

EIRP;Band:7.0G;be80;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:7025MHz;TX

CF Freq  
7.025GHz  
Span  
200MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
2ms  
Detector Type  
RMS  
CP BW  
80MHz



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EIRP (dBm)  
22.28

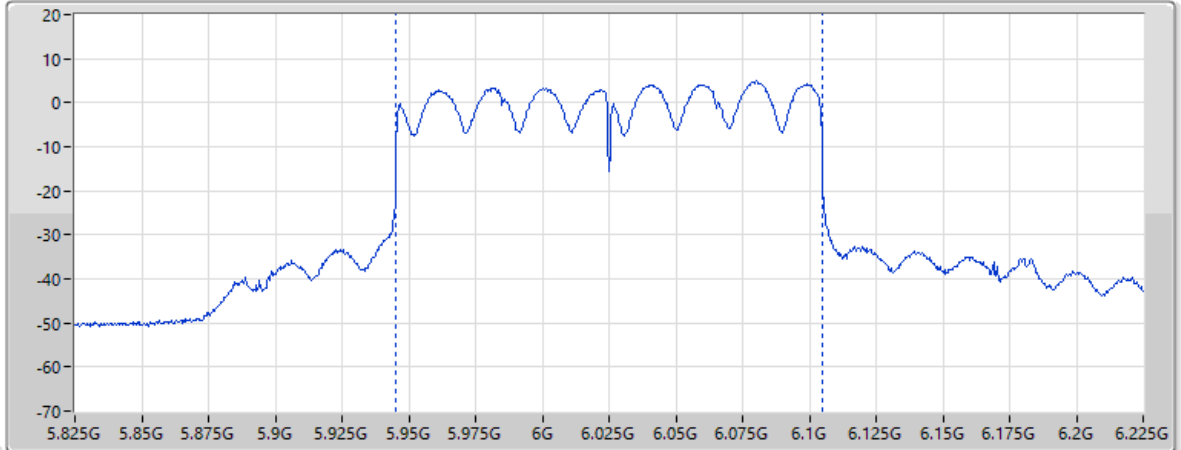
EIRP=Pr+Lp [Lp Free Space Path Loss]  
Pr=Pmeas-Gr+Lc-Gamp

| Pmeas | Gr (dBi) | Lc (dB) | Gamp (dB) | Lp (dB) |
|-------|----------|---------|-----------|---------|
| 10.40 | 12.00    | 7.25    | 42.35     | 58.98   |

17/01/2025

EIRP;Band:6.2G;be160;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:6025MHz;TX

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



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EIRP (dBm)  
23.99

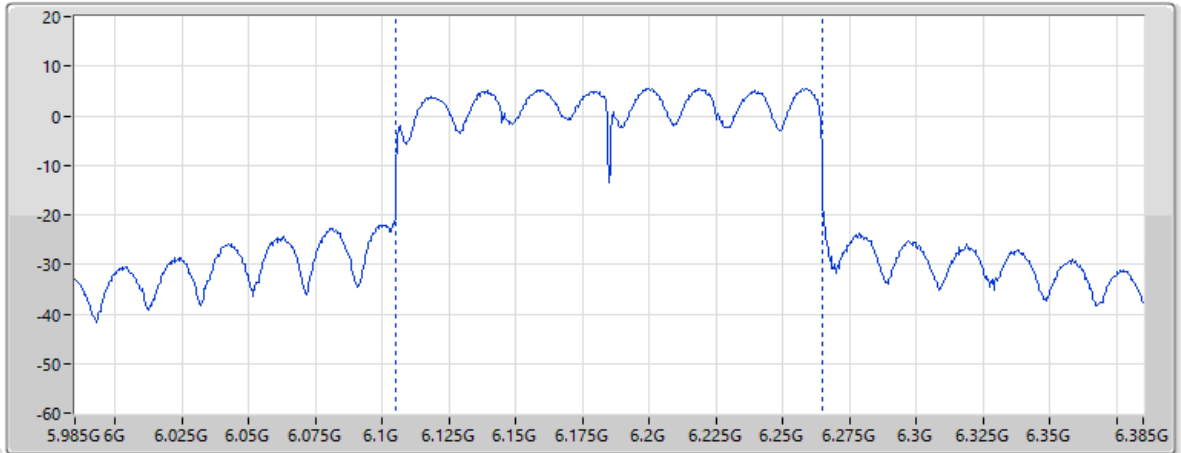
EIRP=Pr+Lp [Lp Free Space Path Loss]  
Pr=Pmeas-Gr+Lc-Gamp

| Pmeas | Gr (dBi) | Lc (dB) | Gamp (dB) | Lp (dB) |
|-------|----------|---------|-----------|---------|
| 17.06 | 13.40    | 5.71    | 43.02     | 57.64   |

18/01/2025

EIRP;Band:6.2G;be160;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:6185MHz;TX

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



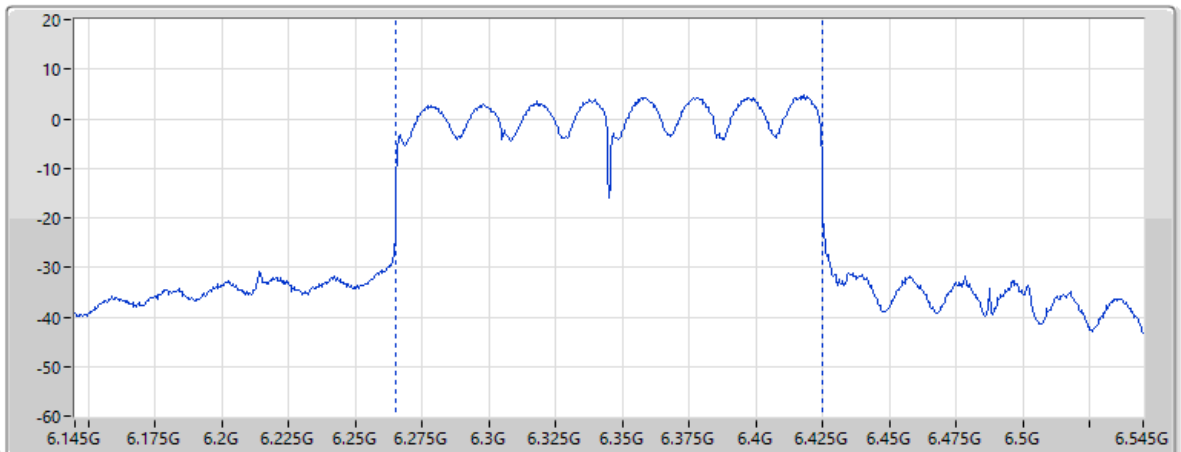
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|            |          |                                                             |           |         |
|------------|----------|-------------------------------------------------------------|-----------|---------|
| EIRP (dBm) | 25.76    | EIRP=Pr+Lp [Lp Free Space Path Loss]<br>Pr=Pmeas-Gr+Lc-Gamp |           |         |
| Pmeas      | Gr (dBi) | Lc (dB)                                                     | Gamp (dB) | Lp (dB) |
| 18.32      | 13.33    | 5.87                                                        | 42.97     | 57.87   |

18/01/2025

EIRP;Band:6.2G;be160;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:6345MHz;TX

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



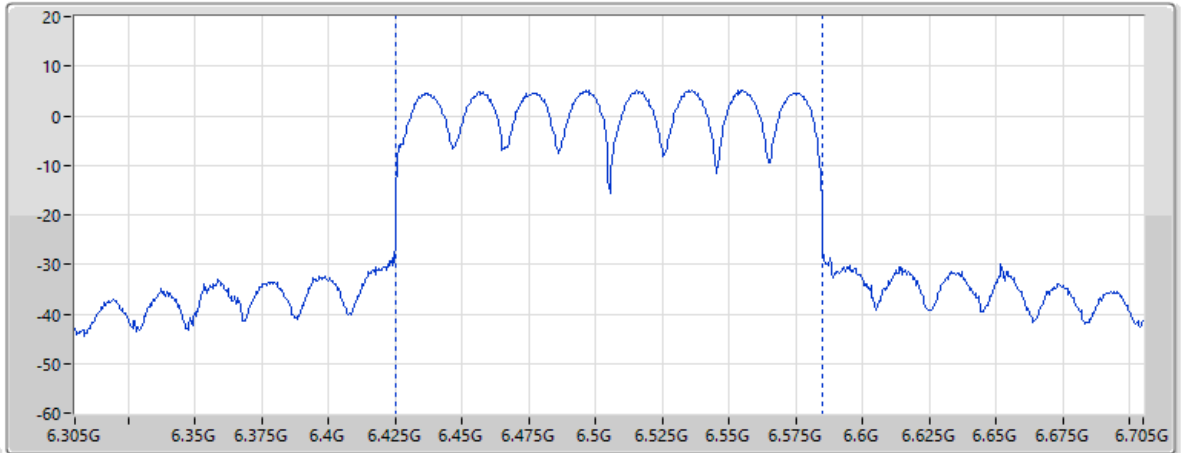
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|            |          |                                                             |           |         |
|------------|----------|-------------------------------------------------------------|-----------|---------|
| EIRP (dBm) | 24.41    | EIRP=Pr+Lp [Lp Free Space Path Loss]<br>Pr=Pmeas-Gr+Lc-Gamp |           |         |
| Pmeas      | Gr (dBi) | Lc (dB)                                                     | Gamp (dB) | Lp (dB) |
| 16.04      | 13.11    | 6.30                                                        | 42.91     | 58.09   |

17/01/2025

EIRP;Band:6.4G;be160;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:6505MHz;TX

CF Freq  
6.505GHz  
Span  
400MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
4ms  
Detector Type  
RMS  
CP BW  
160MHz



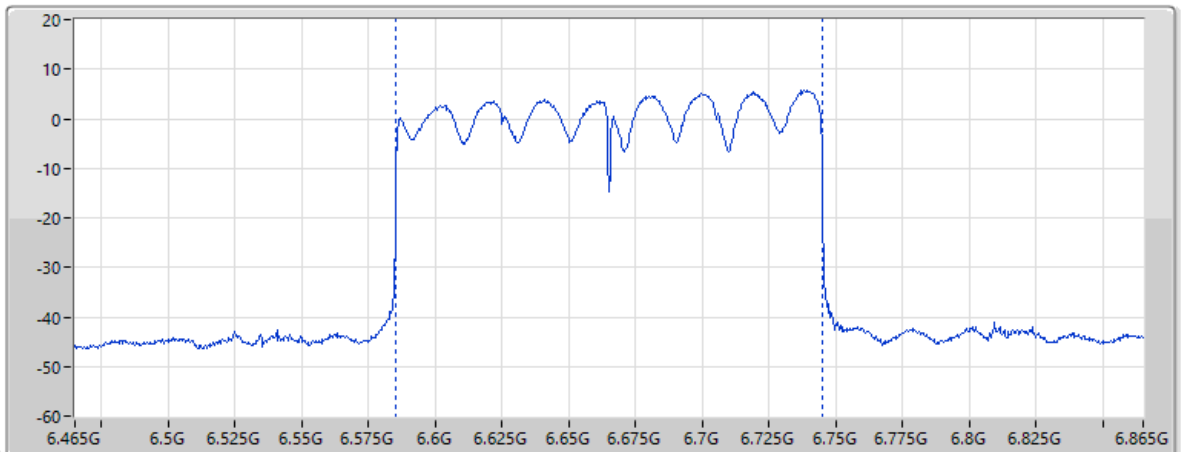
Page 9

|            |          |                                                             |           |         |
|------------|----------|-------------------------------------------------------------|-----------|---------|
| EIRP (dBm) |          | EIRP=Pr+Lp [Lp Free Space Path Loss]<br>Pr=Pmeas-Gr+Lc-Gamp |           |         |
| 25.06      |          |                                                             |           |         |
| Pmeas      | Gr (dBi) | Lc (dB)                                                     | Gamp (dB) | Lp (dB) |
| 15.45      | 12.59    | 6.74                                                        | 42.85     | 58.31   |

21/01/2025

EIRP;Band:6.7G;be160;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:6665MHz;TX

CF Freq  
6.665GHz  
Span  
400MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
1.01ms  
Detector Type  
RMS  
CP BW  
160MHz

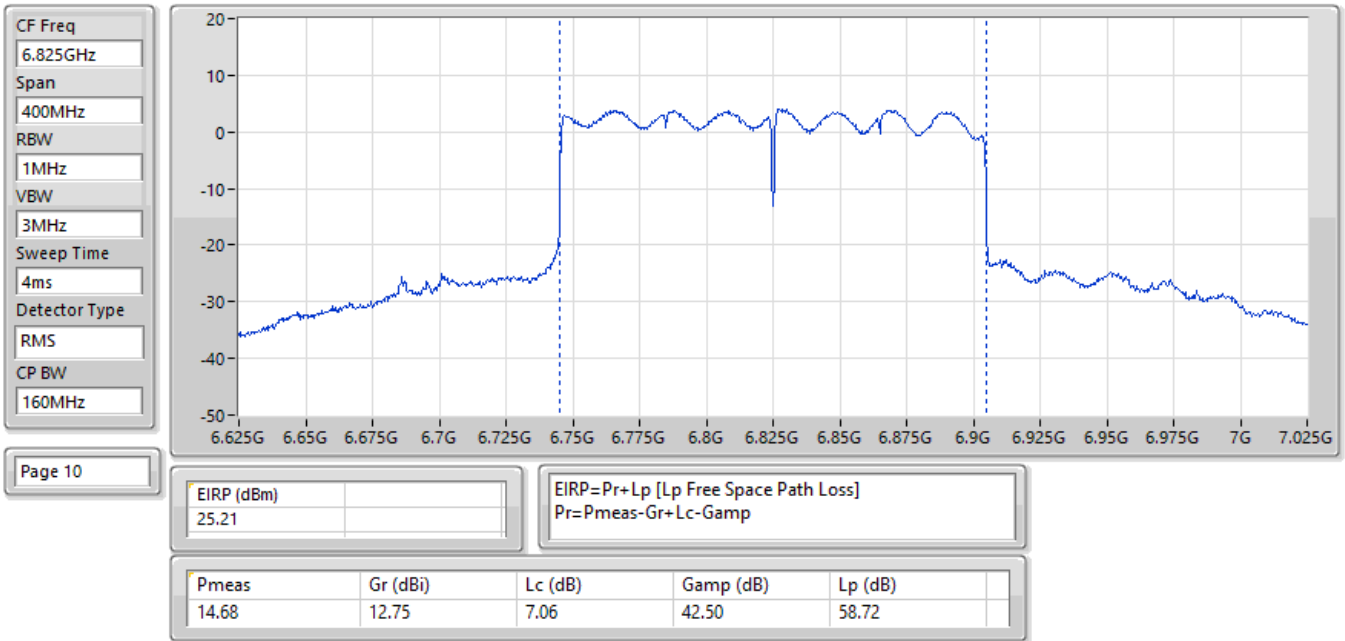


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|            |          |                                                             |           |         |
|------------|----------|-------------------------------------------------------------|-----------|---------|
| EIRP (dBm) |          | EIRP=Pr+Lp [Lp Free Space Path Loss]<br>Pr=Pmeas-Gr+Lc-Gamp |           |         |
| 24.84      |          |                                                             |           |         |
| Pmeas      | Gr (dBi) | Lc (dB)                                                     | Gamp (dB) | Lp (dB) |
| 14.52      | 12.53    | 7.01                                                        | 42.68     | 58.52   |

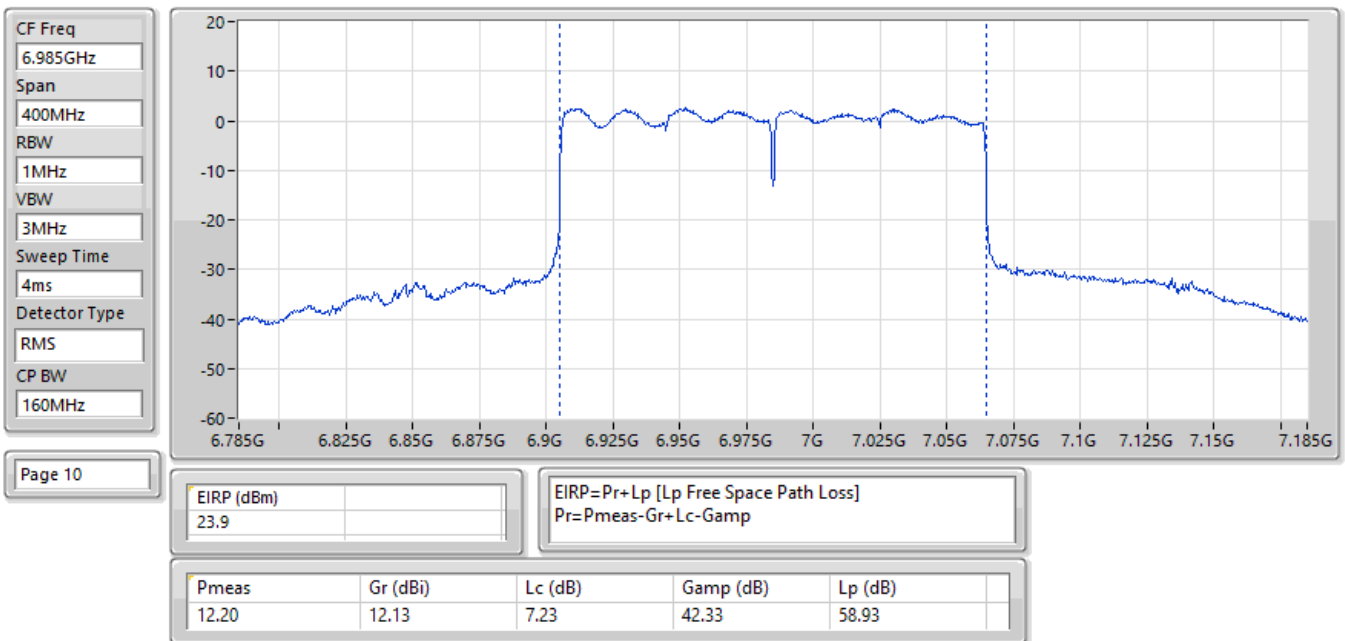
18/01/2025

EIRP;Band:6.7G;be160;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:6825MHz;TX



17/01/2025

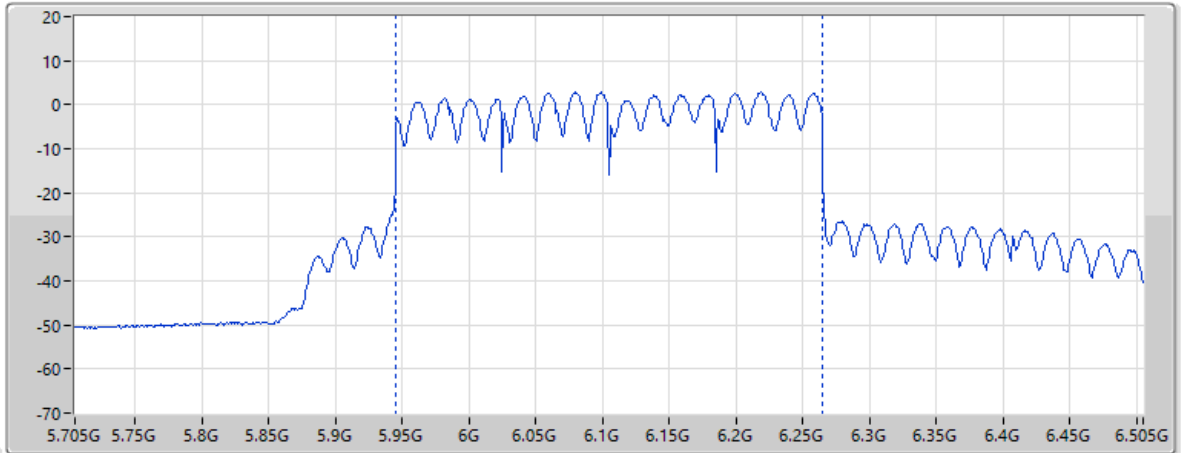
EIRP;Band:7.0G;be160;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:6985MHz;TX



18/01/2025

EIRP;Band:6.2G;be320;BWch:320MHz;Nss:1,(M0);Nant:2;Ch:6105MHz;TX

CF Freq  
6.105GHz  
Span  
800MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
1.57ms  
Detector Type  
RMS  
CP BW  
320MHz



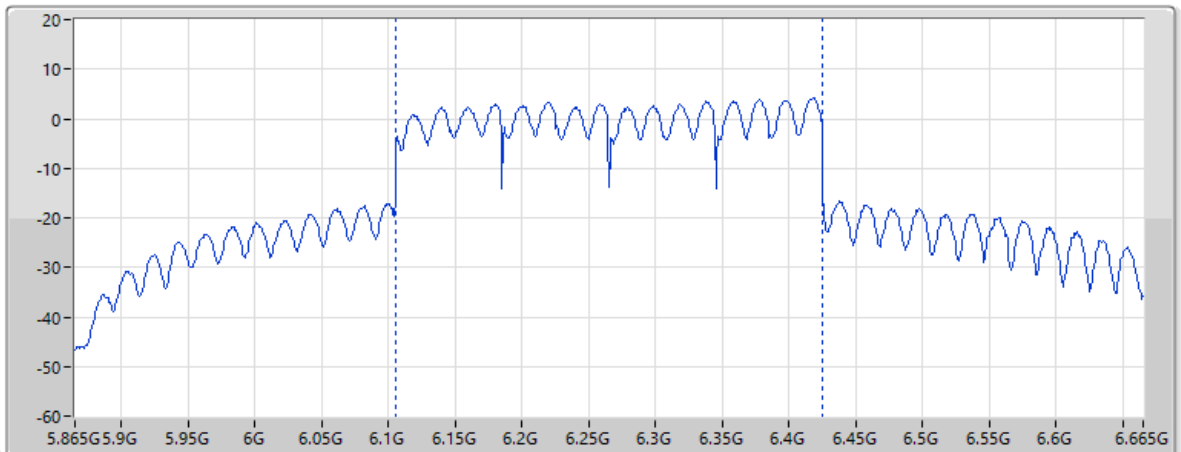
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|            |          |                                                             |           |         |
|------------|----------|-------------------------------------------------------------|-----------|---------|
| EIRP (dBm) |          | EIRP=Pr+Lp [Lp Free Space Path Loss]<br>Pr=Pmeas-Gr+Lc-Gamp |           |         |
| 25.62      |          |                                                             |           |         |
| Pmeas      | Gr (dBi) | Lc (dB)                                                     | Gamp (dB) | Lp (dB) |
| 18.55      | 13.49    | 5.79                                                        | 42.99     | 57.76   |

21/01/2025

EIRP;Band:6.2G;be320;BWch:320MHz;Nss:1,(M0);Nant:2;Ch:6265MHz;TX

CF Freq  
6.265GHz  
Span  
800MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
1.57ms  
Detector Type  
RMS  
CP BW  
320MHz

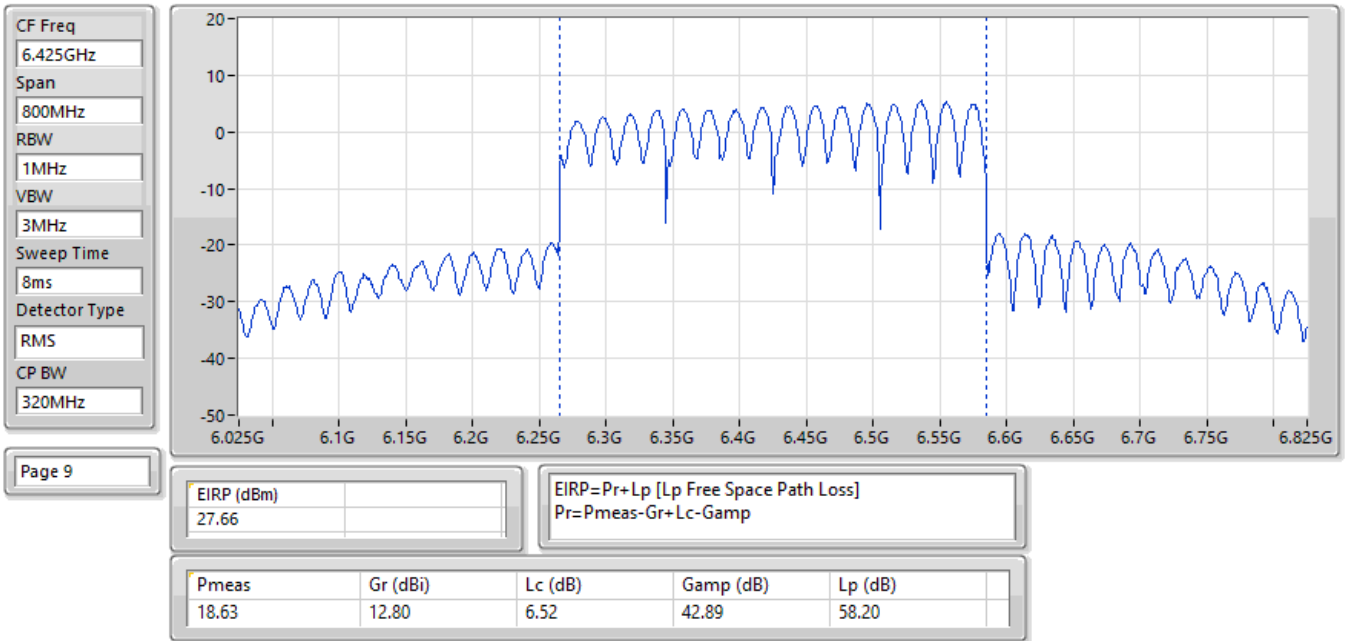


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|            |          |                                                             |           |         |
|------------|----------|-------------------------------------------------------------|-----------|---------|
| EIRP (dBm) |          | EIRP=Pr+Lp [Lp Free Space Path Loss]<br>Pr=Pmeas-Gr+Lc-Gamp |           |         |
| 26.71      |          |                                                             |           |         |
| Pmeas      | Gr (dBi) | Lc (dB)                                                     | Gamp (dB) | Lp (dB) |
| 18.73      | 13.13    | 6.07                                                        | 42.94     | 57.98   |

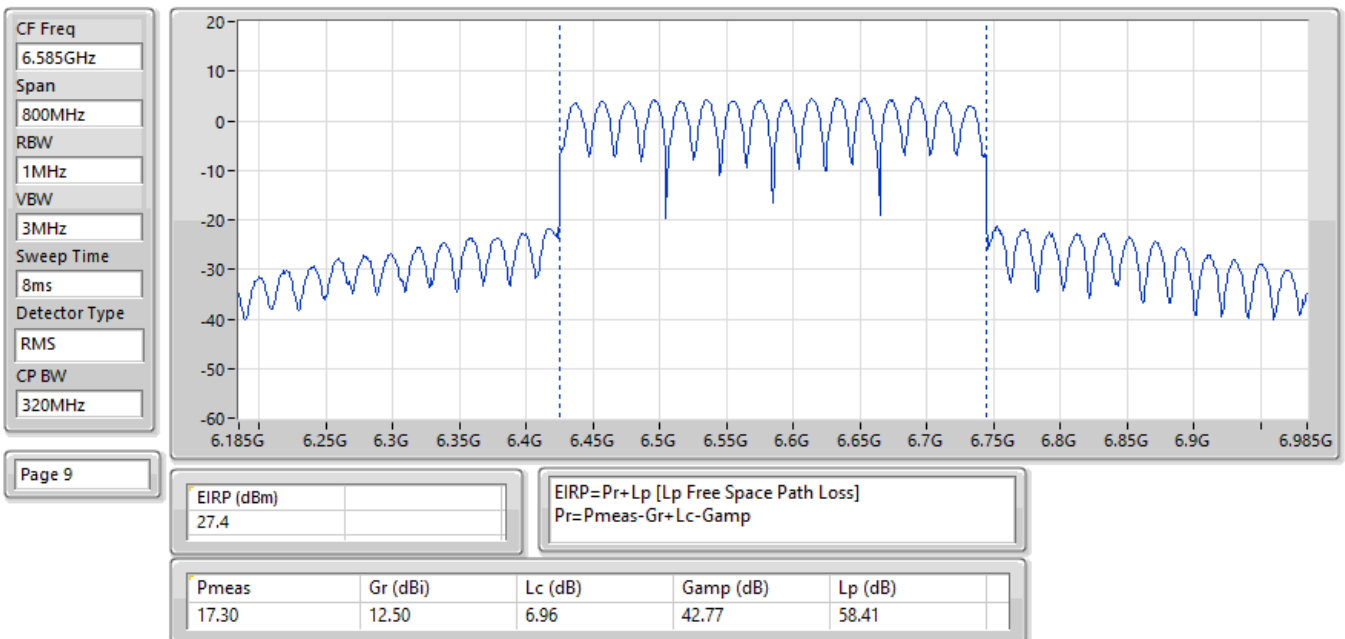
17/01/2025

EIRP;Band:6.2G;be320;BWch:320MHz;Nss:1,(M0);Nant:2;Ch:6425MHz;TX



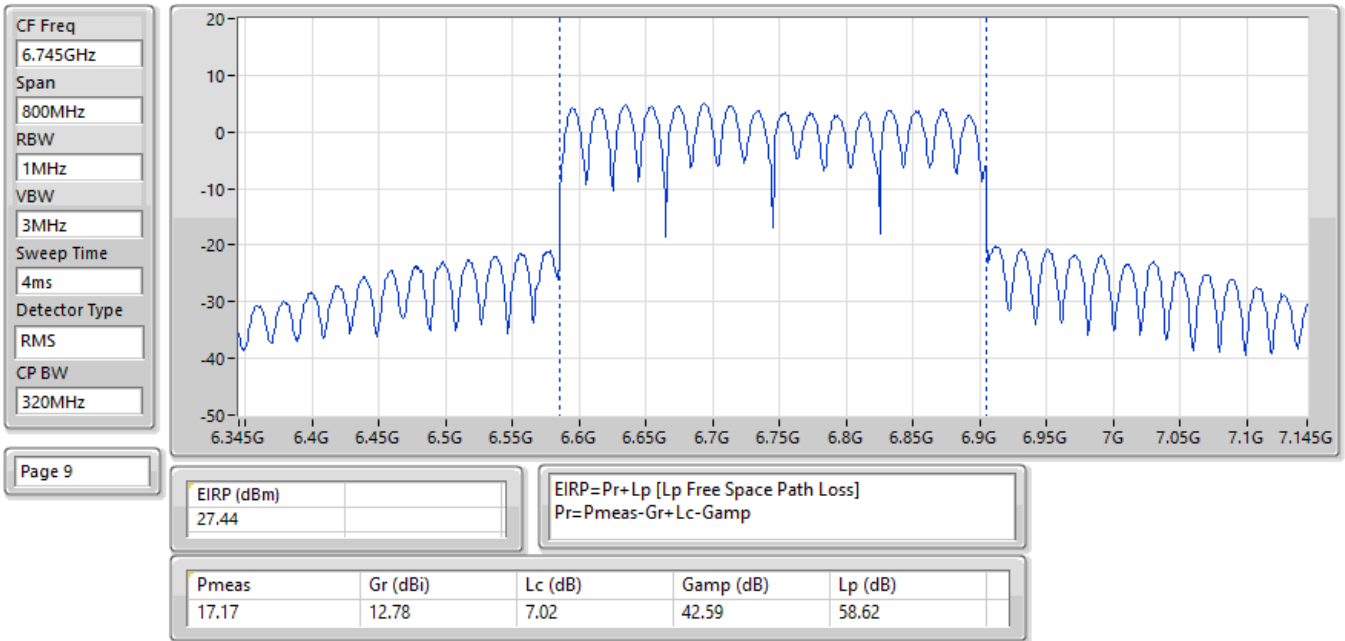
17/01/2025

EIRP;Band:6.4G;be320;BWch:320MHz;Nss:1,(M0);Nant:2;Ch:6585MHz;TX



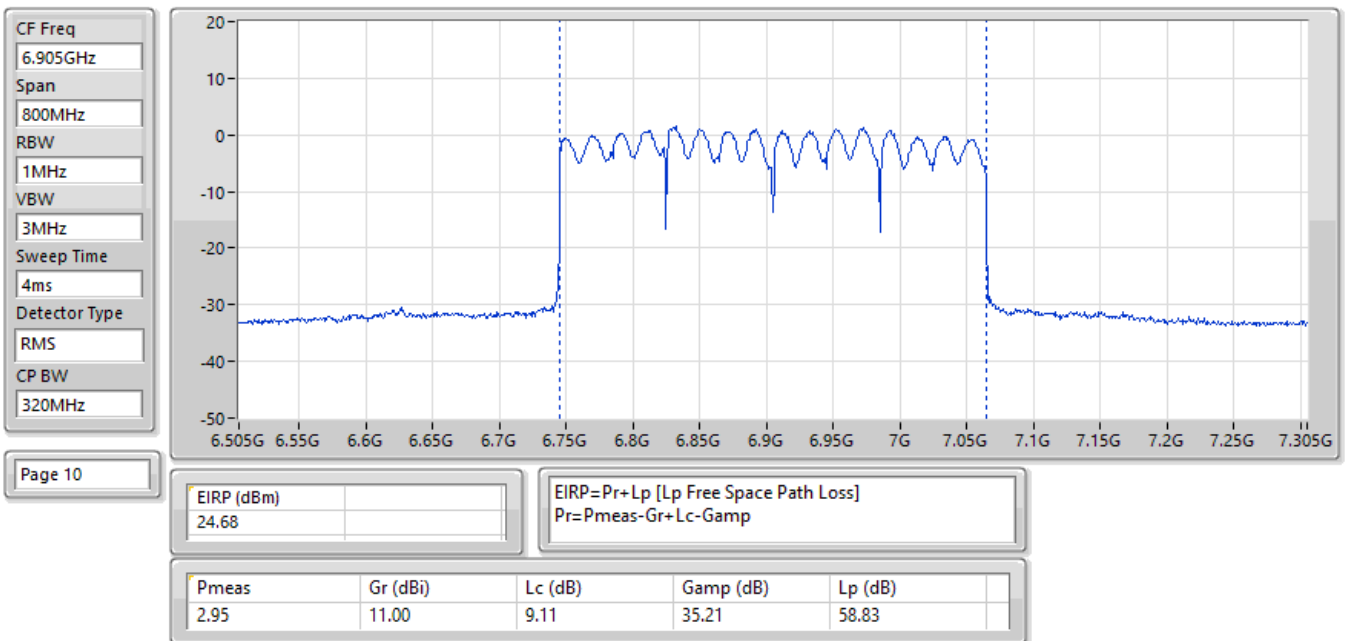
18/01/2025

EIRP;Band:6.4G;be320;BWch:320MHz;Nss:1,(M0);Nant:2;Ch:6745MHz;TX



08/02/2025

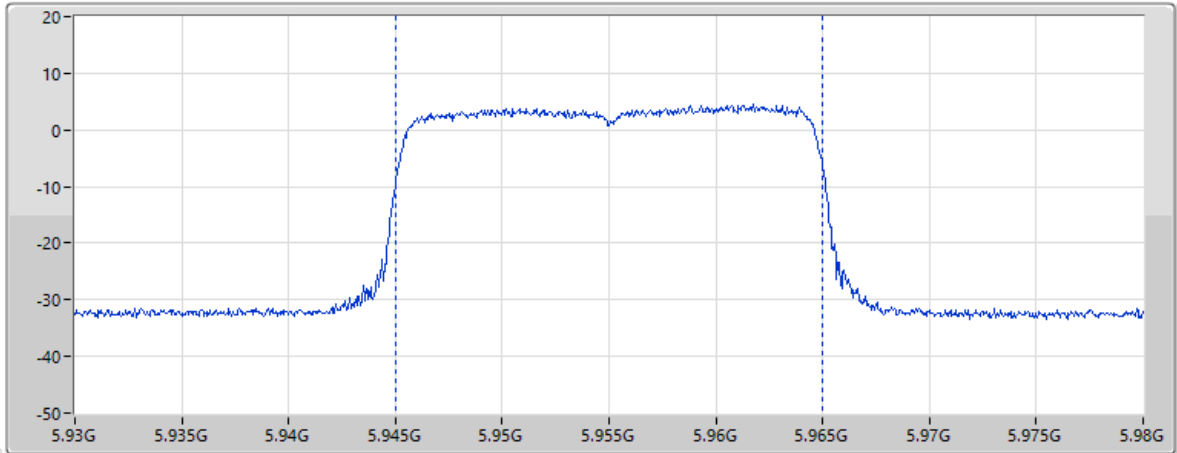
EIRP;Band:6.7G;be320;BWch:320MHz;Nss:1,(M0);Nant:2;Ch:6905MHz;TX



10/02/2025

EIRP:Band:6.2G;be20,BF;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:5955MHz;TX

CF Freq  
5.955GHz  
Span  
50MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
1.01ms  
Detector Type  
RMS  
CP BW  
20MHz



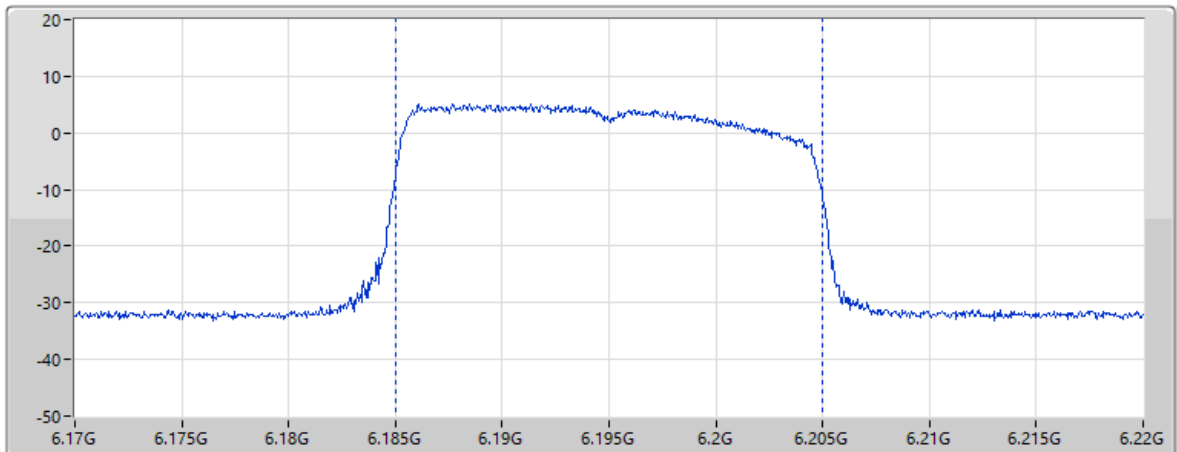
Page 9

|            |          |                                                             |           |         |
|------------|----------|-------------------------------------------------------------|-----------|---------|
| EIRP (dBm) |          | EIRP=Pr+Lp [Lp Free Space Path Loss]<br>Pr=Pmeas-Gr+Lc-Gamp |           |         |
| 17         |          |                                                             |           |         |
| Pmeas      | Gr (dBi) | Lc (dB)                                                     | Gamp (dB) | Lp (dB) |
| -6.32      | 11.50    | 7.90                                                        | 30.62     | 57.54   |

06/02/2025

EIRP:Band:6.2G;be20,BF;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6195MHz;TX

CF Freq  
6.195GHz  
Span  
50MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
1.01ms  
Detector Type  
RMS  
CP BW  
20MHz

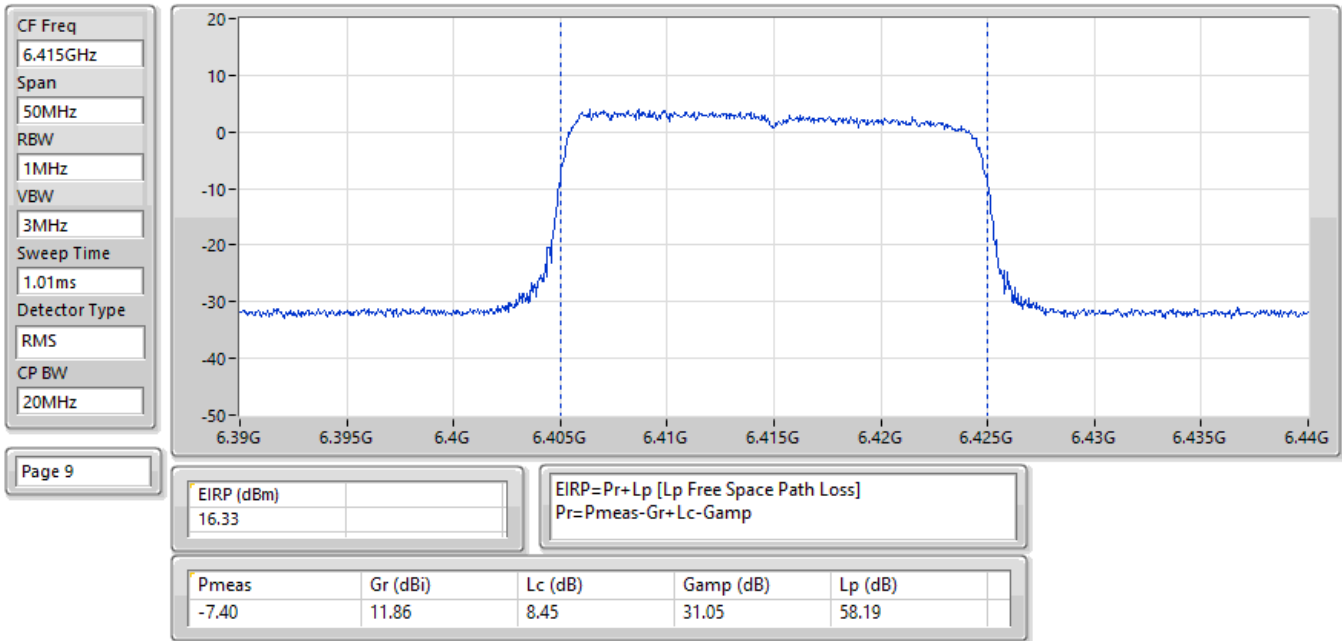


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|            |          |                                                             |           |         |
|------------|----------|-------------------------------------------------------------|-----------|---------|
| EIRP (dBm) |          | EIRP=Pr+Lp [Lp Free Space Path Loss]<br>Pr=Pmeas-Gr+Lc-Gamp |           |         |
| 17.19      |          |                                                             |           |         |
| Pmeas      | Gr (dBi) | Lc (dB)                                                     | Gamp (dB) | Lp (dB) |
| -6.70      | 11.40    | 8.23                                                        | 30.82     | 57.88   |

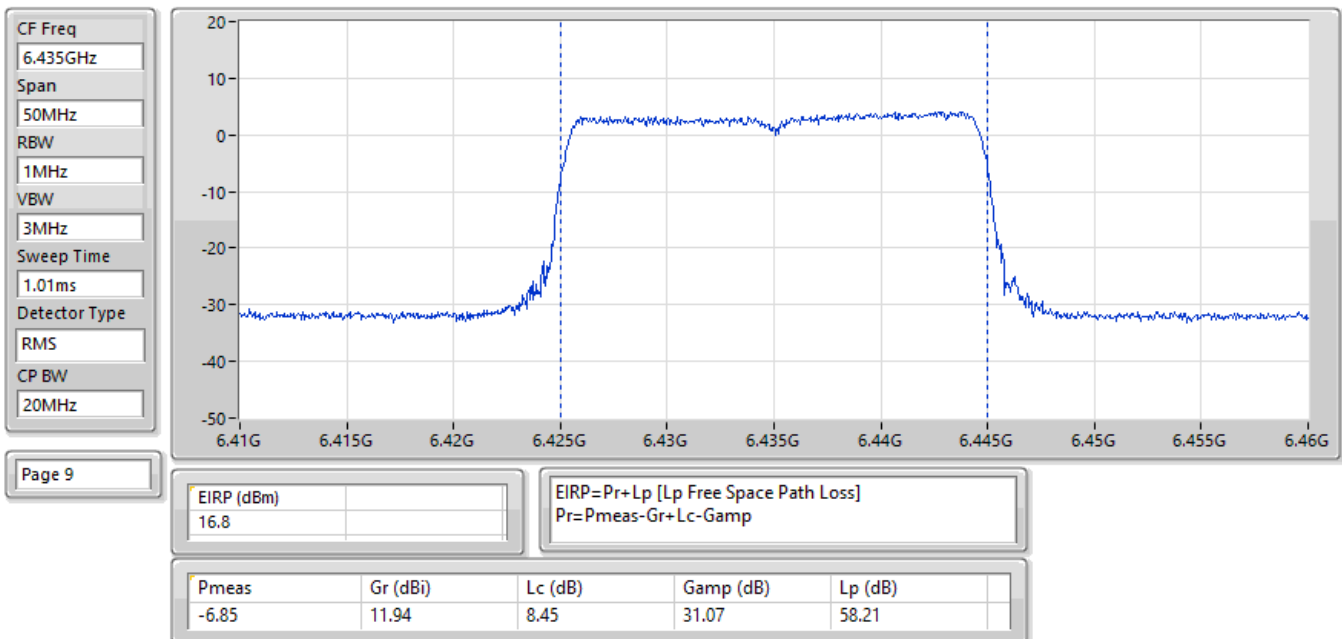
06/02/2025

EIRP:Band:6.2G;be20,BF;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6415MHz;TX



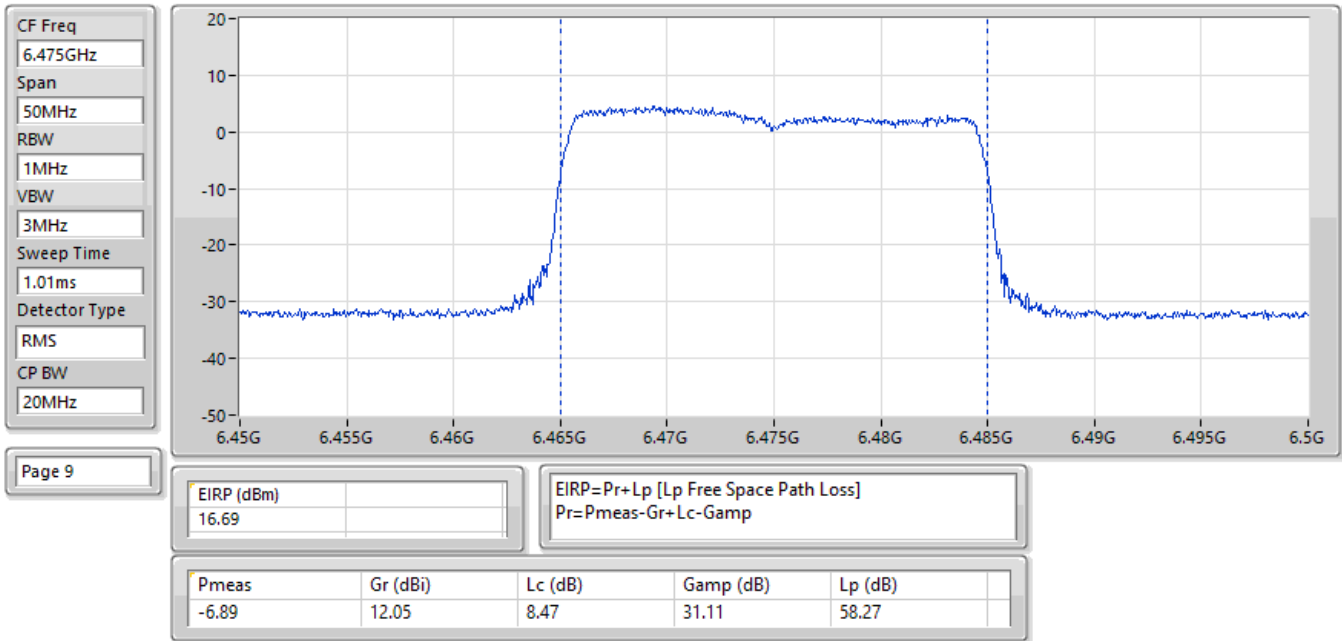
06/02/2025

EIRP:Band:6.4G;be20,BF;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6435MHz;TX



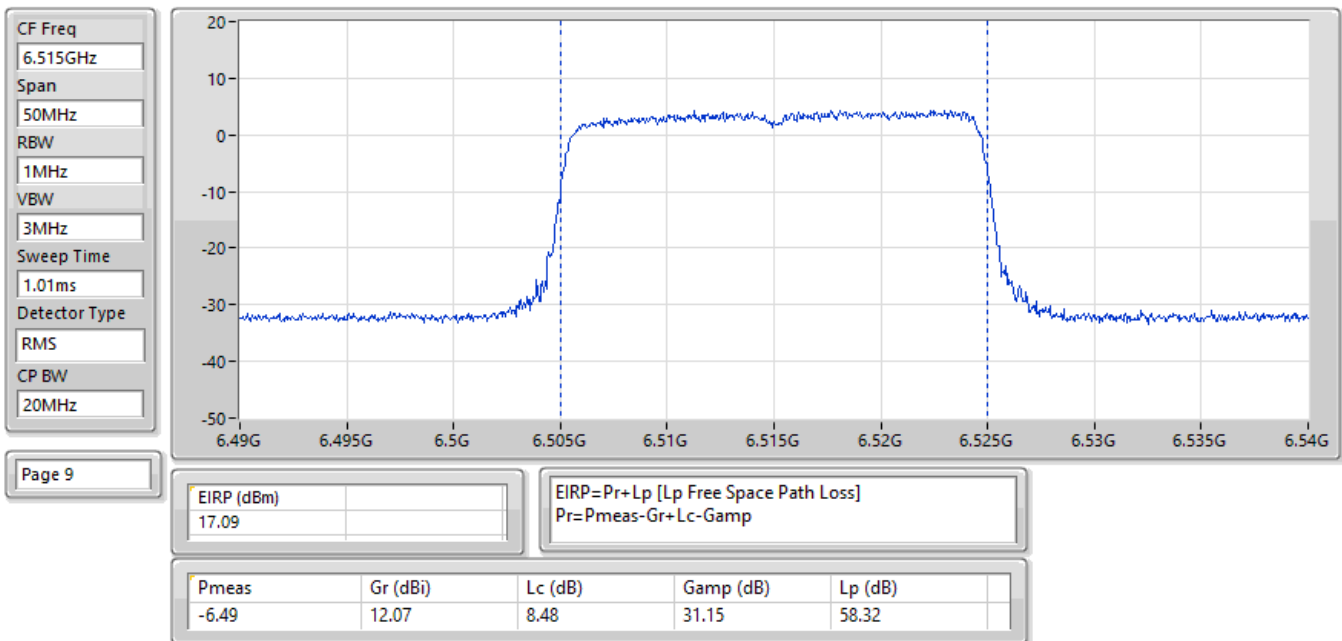
06/02/2025

EIRP:Band:6.4G;be20,BF;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6475MHz;TX



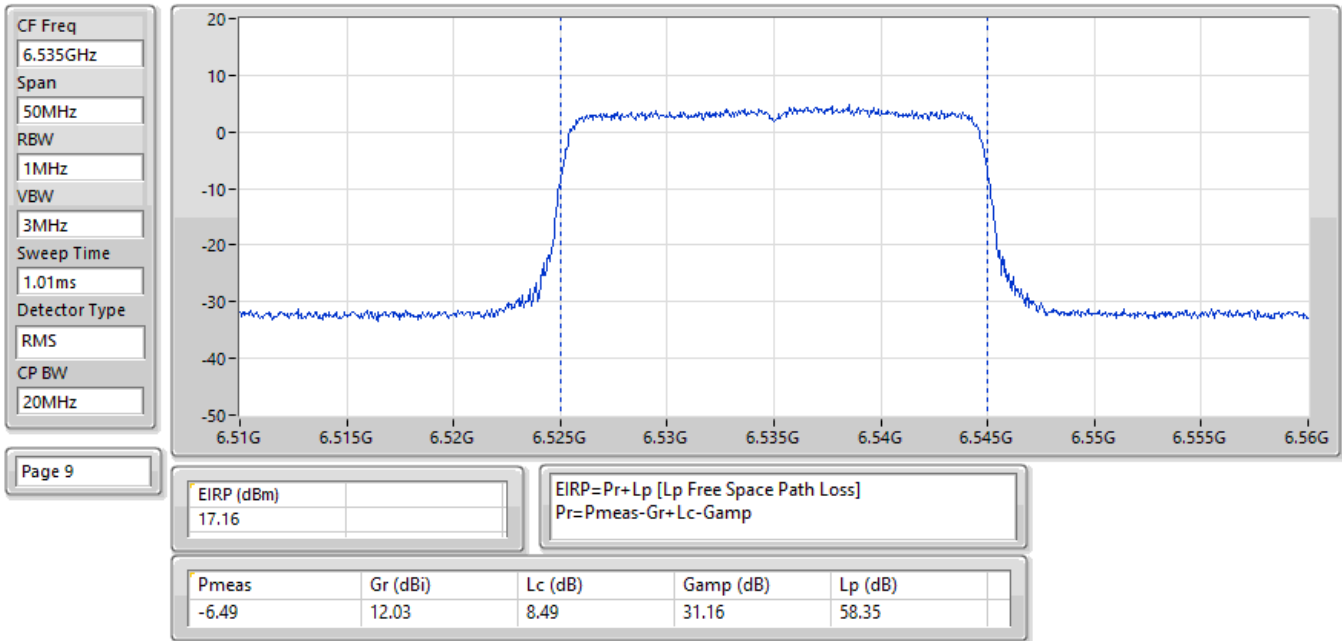
06/02/2025

EIRP:Band:6.4G;be20,BF;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6515MHz;TX



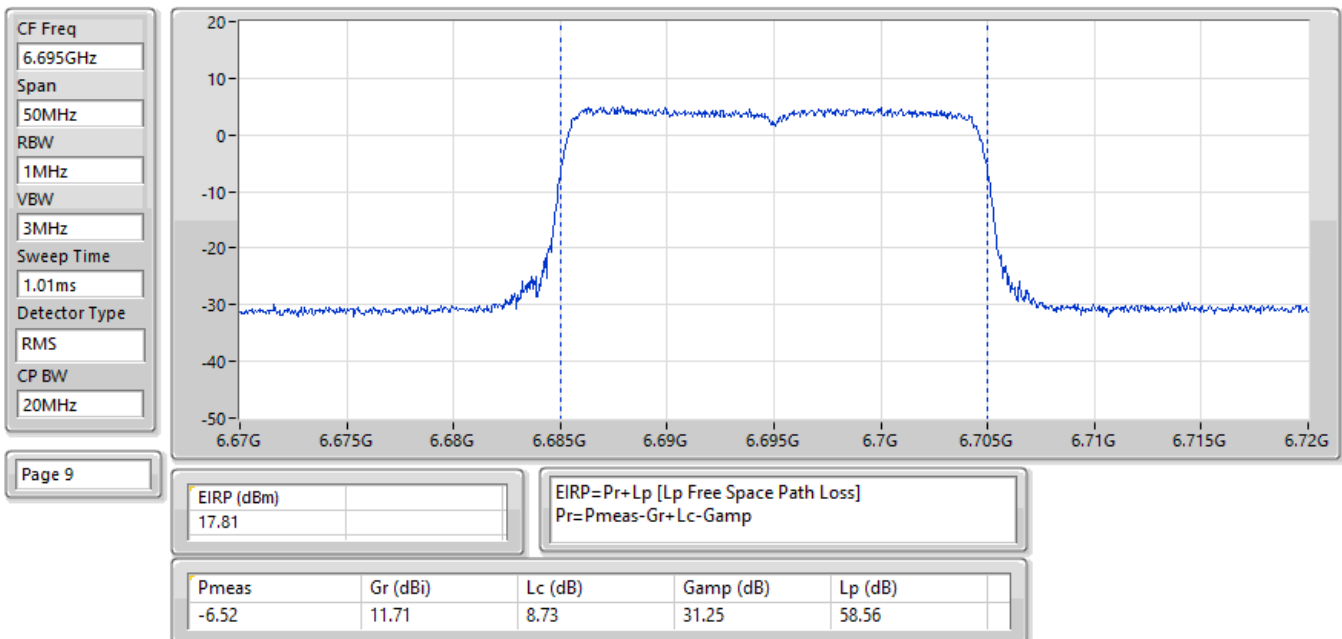
06/02/2025

EIRP:Band:6.7G;be20,BF;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6535MHz;TX



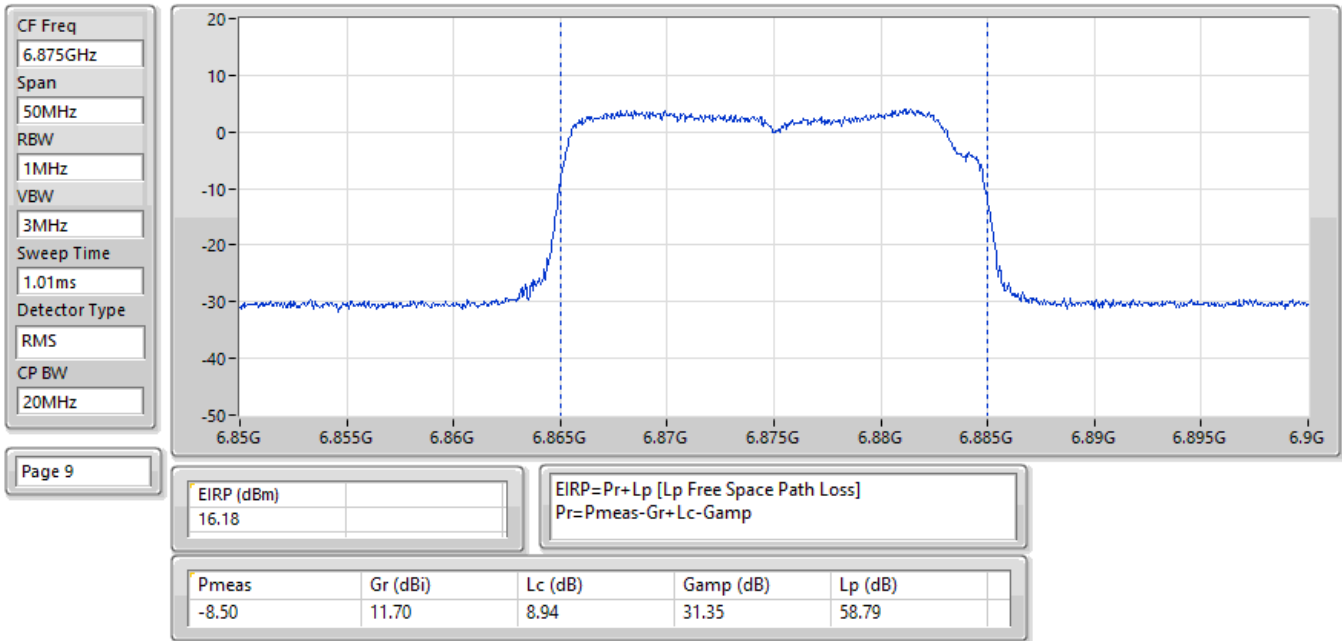
06/02/2025

EIRP:Band:6.7G;be20,BF;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6695MHz;TX



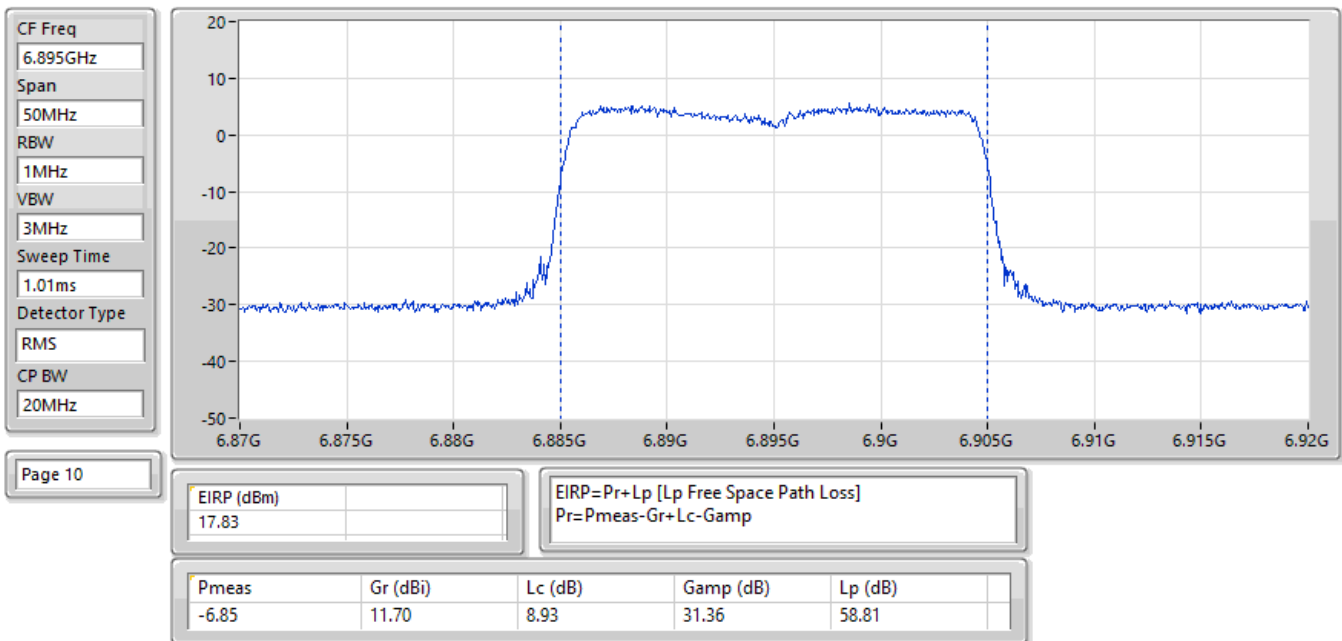
06/02/2025

EIRP:Band:6.7G;be20,BF;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6875MHz;TX



06/02/2025

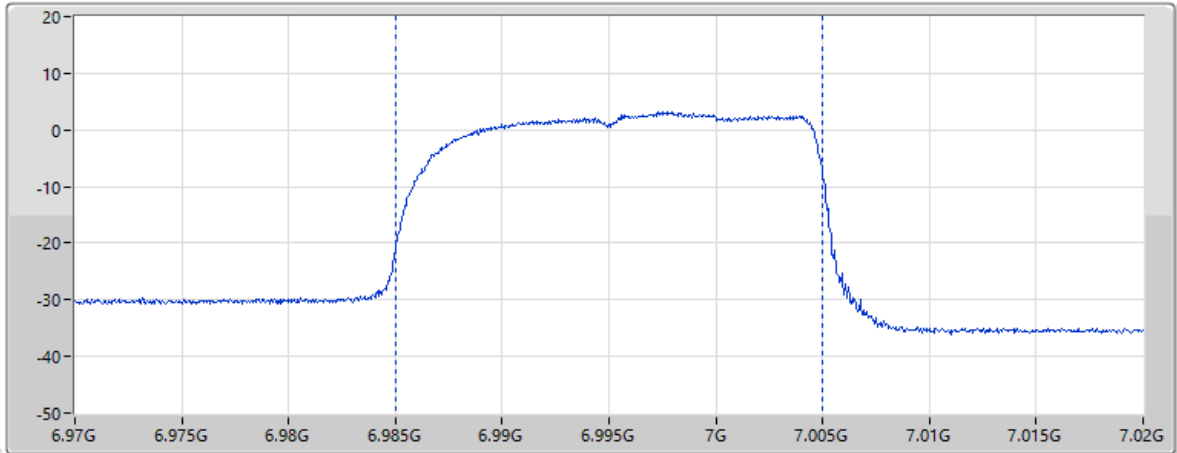
EIRP:Band:7.0G;be20,BF;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6895MHz;TX



10/02/2025

EIRP:Band:7.0G;be20,BF;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6995MHz;TX

CF Freq  
6.995GHz  
Span  
50MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
4ms  
Detector Type  
RMS  
CP BW  
20MHz



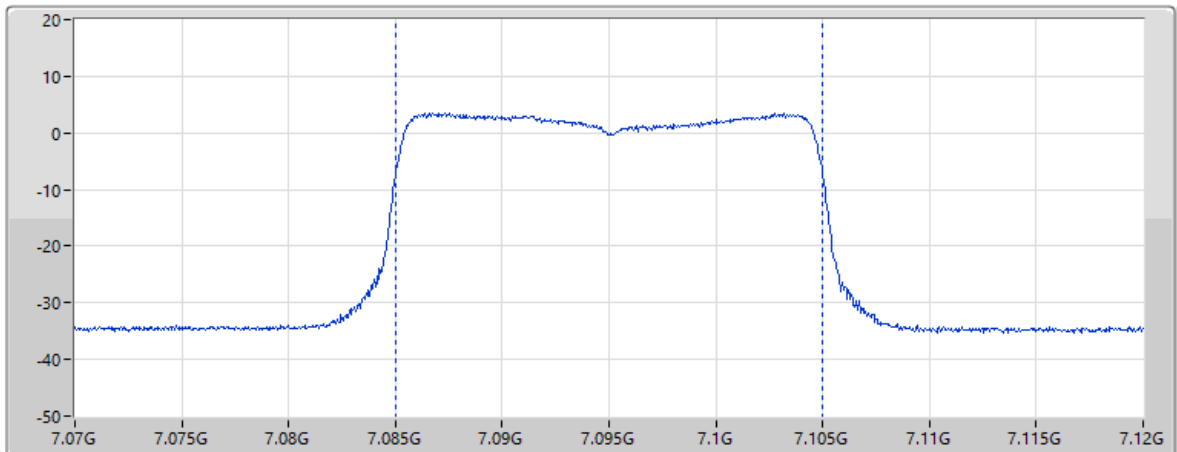
Page 9

|            |          |                                                             |           |         |
|------------|----------|-------------------------------------------------------------|-----------|---------|
| EIRP (dBm) |          | EIRP=Pr+Lp [Lp Free Space Path Loss]<br>Pr=Pmeas-Gr+Lc-Gamp |           |         |
| 15.27      |          |                                                             |           |         |
| Pmeas      | Gr (dBi) | Lc (dB)                                                     | Gamp (dB) | Lp (dB) |
| -9.34      | 11.79    | 8.88                                                        | 31.42     | 58.94   |

06/02/2025

EIRP:Band:7.0G;be20,BF;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:7095MHz;TX

CF Freq  
7.095GHz  
Span  
50MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
4ms  
Detector Type  
RMS  
CP BW  
20MHz



Page 10

|            |          |                                                             |           |         |
|------------|----------|-------------------------------------------------------------|-----------|---------|
| EIRP (dBm) |          | EIRP=Pr+Lp [Lp Free Space Path Loss]<br>Pr=Pmeas-Gr+Lc-Gamp |           |         |
| 16.21      |          |                                                             |           |         |
| Pmeas      | Gr (dBi) | Lc (dB)                                                     | Gamp (dB) | Lp (dB) |
| -8.73      | 11.81    | 9.11                                                        | 31.42     | 59.06   |

06/02/2025

EIRP:Band:7.0G;be20,BF;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:7115MHz;TX

CF Freq  
7.115GHz

Span  
50MHz

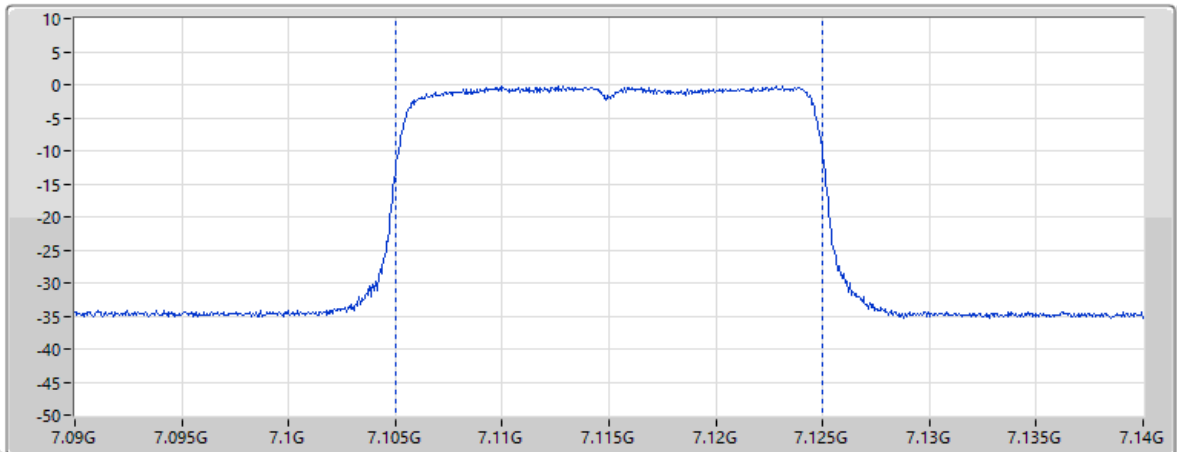
RBW  
1MHz

VBW  
3MHz

Sweep Time  
4ms

Detector Type  
RMS

CP BW  
20MHz



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|            |          |                                                             |           |         |
|------------|----------|-------------------------------------------------------------|-----------|---------|
| EIRP (dBm) |          | EIRP=Pr+Lp [Lp Free Space Path Loss]<br>Pr=Pmeas-Gr+Lc-Gamp |           |         |
| 13.05      |          |                                                             |           |         |
| Pmeas      | Gr (dBi) | Lc (dB)                                                     | Gamp (dB) | Lp (dB) |
| -12.04     | 11.74    | 9.16                                                        | 31.42     | 59.09   |

06/02/2025

EIRP:Band:6.2G;be40,BF;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:5965MHz;TX

CF Freq  
5.965GHz

Span  
100MHz

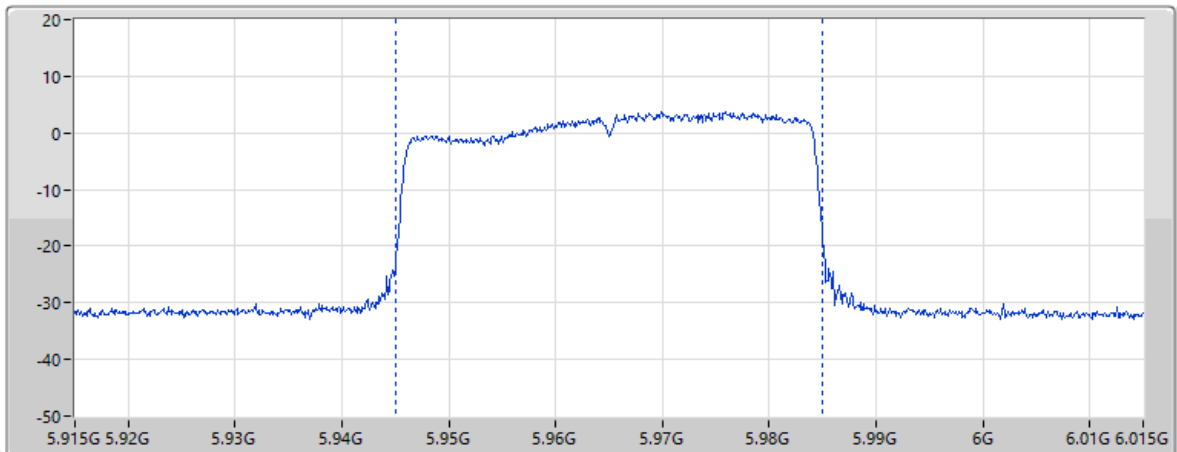
RBW  
1MHz

VBW  
3MHz

Sweep Time  
1.01ms

Detector Type  
RMS

CP BW  
40MHz



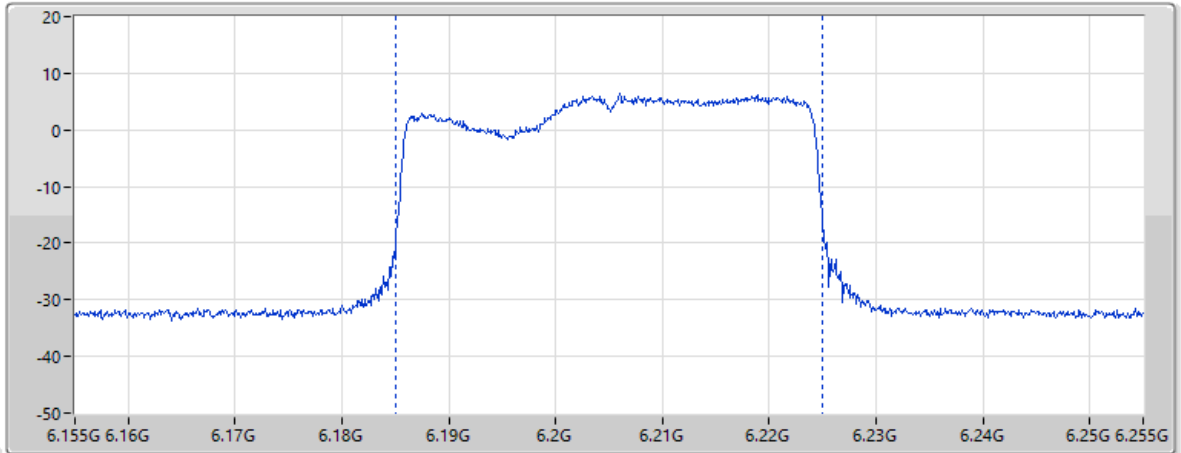
Page 10

|            |          |                                                             |           |         |
|------------|----------|-------------------------------------------------------------|-----------|---------|
| EIRP (dBm) |          | EIRP=Pr+Lp [Lp Free Space Path Loss]<br>Pr=Pmeas-Gr+Lc-Gamp |           |         |
| 18.56      |          |                                                             |           |         |
| Pmeas      | Gr (dBi) | Lc (dB)                                                     | Gamp (dB) | Lp (dB) |
| -4.78      | 11.50    | 7.91                                                        | 30.62     | 57.55   |

10/02/2025

EIRP:Band:6.2G;be40,BF;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6205MHz;TX

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



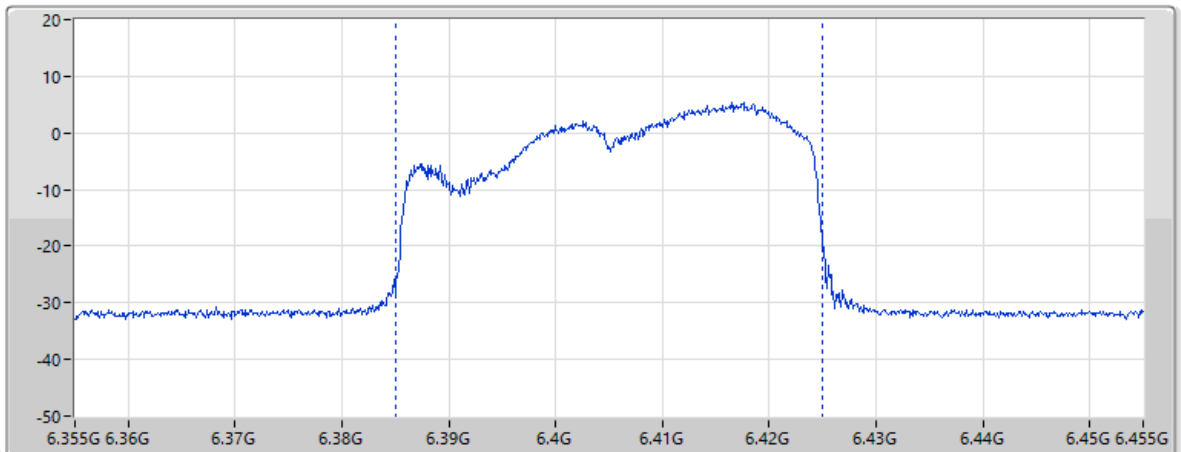
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|            |          |                                                             |           |         |
|------------|----------|-------------------------------------------------------------|-----------|---------|
| EIRP (dBm) |          | EIRP=Pr+Lp [Lp Free Space Path Loss]<br>Pr=Pmeas-Gr+Lc-Gamp |           |         |
| 20.9       |          |                                                             |           |         |
| Pmeas      | Gr (dBi) | Lc (dB)                                                     | Gamp (dB) | Lp (dB) |
| -3.00      | 11.41    | 8.24                                                        | 30.83     | 57.90   |

06/02/2025

EIRP:Band:6.2G;be40,BF;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6405MHz;TX

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

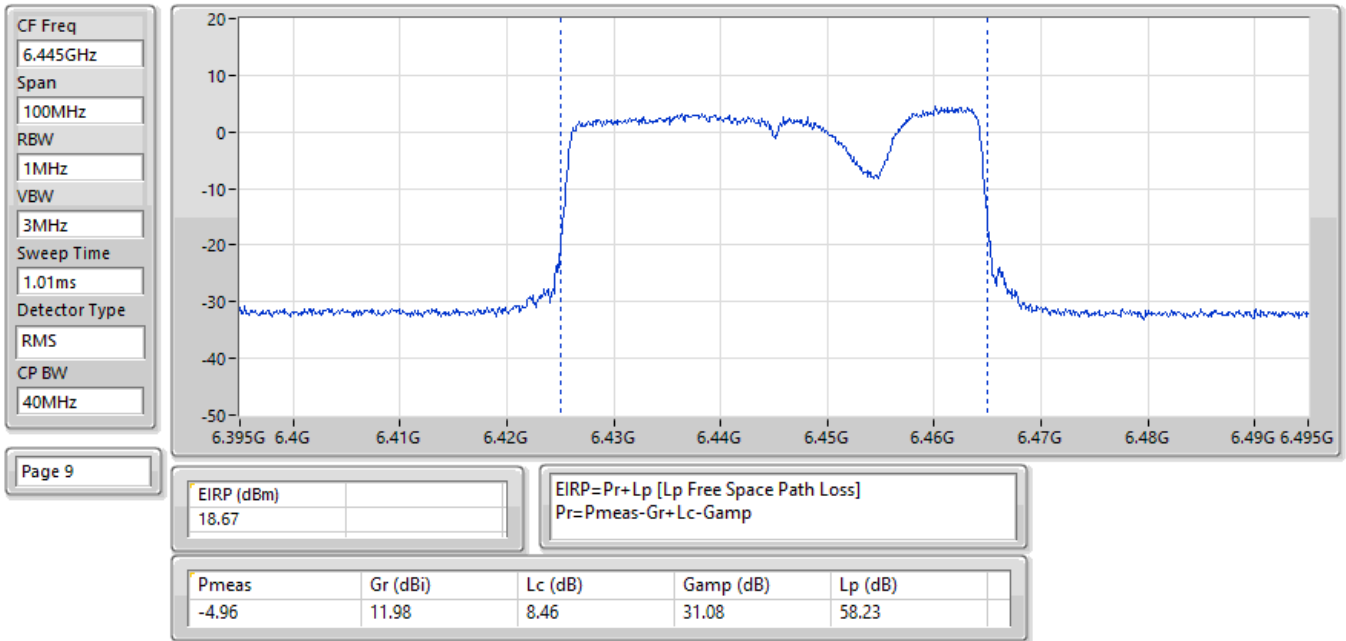


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|            |          |                                                             |           |         |
|------------|----------|-------------------------------------------------------------|-----------|---------|
| EIRP (dBm) |          | EIRP=Pr+Lp [Lp Free Space Path Loss]<br>Pr=Pmeas-Gr+Lc-Gamp |           |         |
| 17.7       |          |                                                             |           |         |
| Pmeas      | Gr (dBi) | Lc (dB)                                                     | Gamp (dB) | Lp (dB) |
| -6.05      | 11.82    | 8.44                                                        | 31.04     | 58.17   |

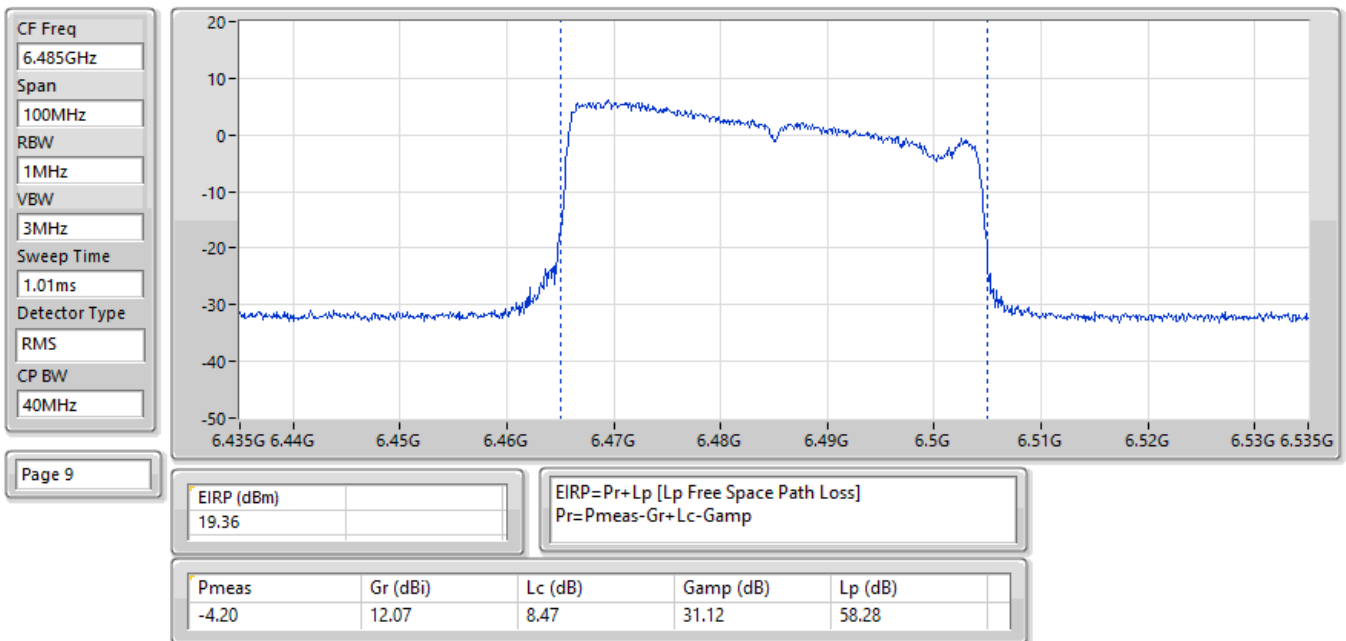
06/02/2025

EIRP:Band:6.4G;be40,BF;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6445MHz;TX



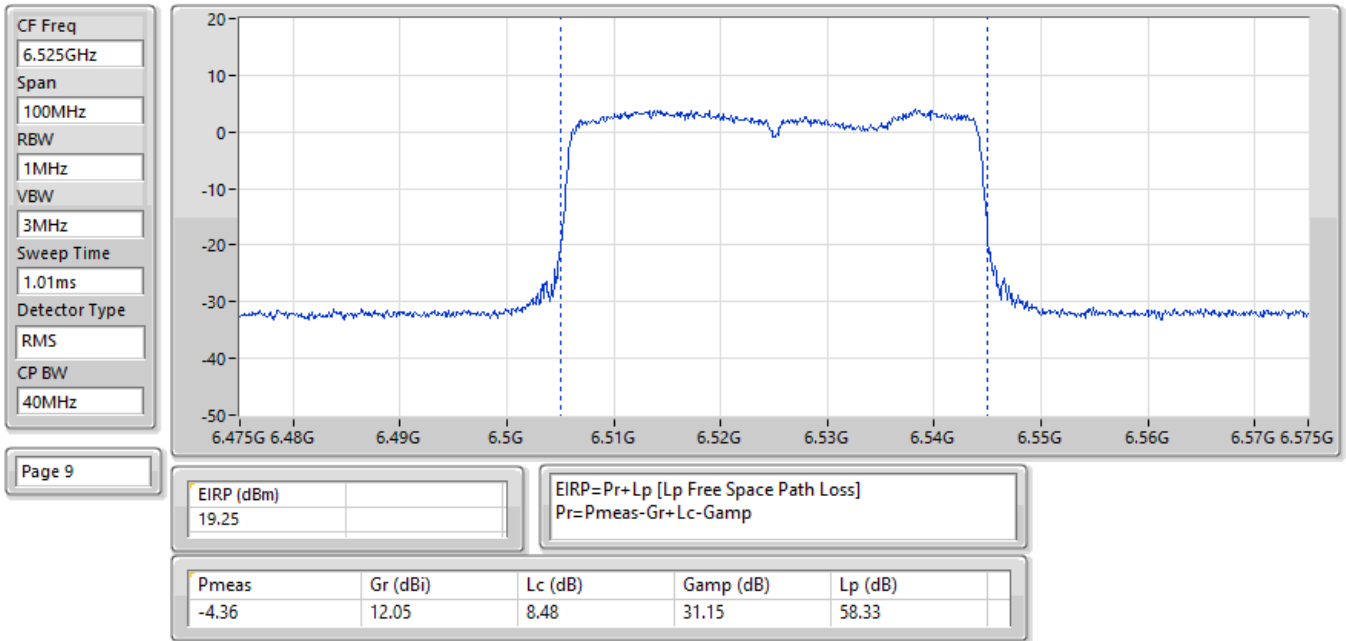
06/02/2025

EIRP:Band:6.4G;be40,BF;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6485MHz;TX



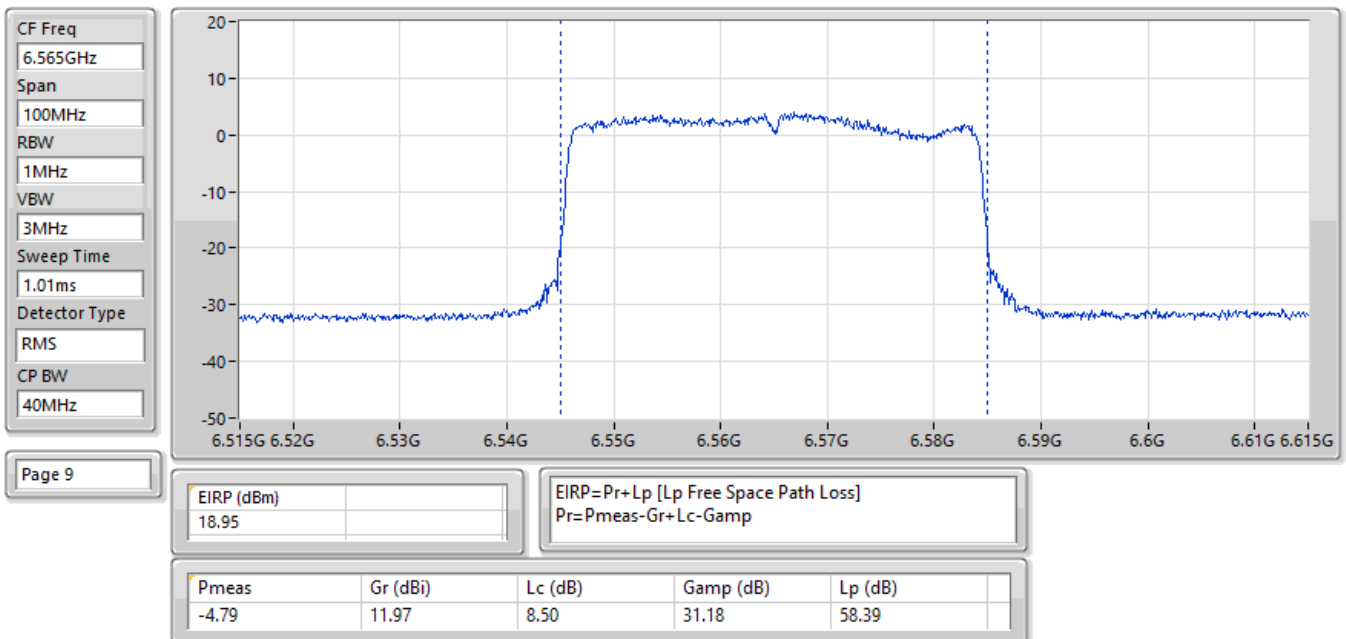
06/02/2025

EIRP:Band:6.4G;be40,BF;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6525MHz;TX



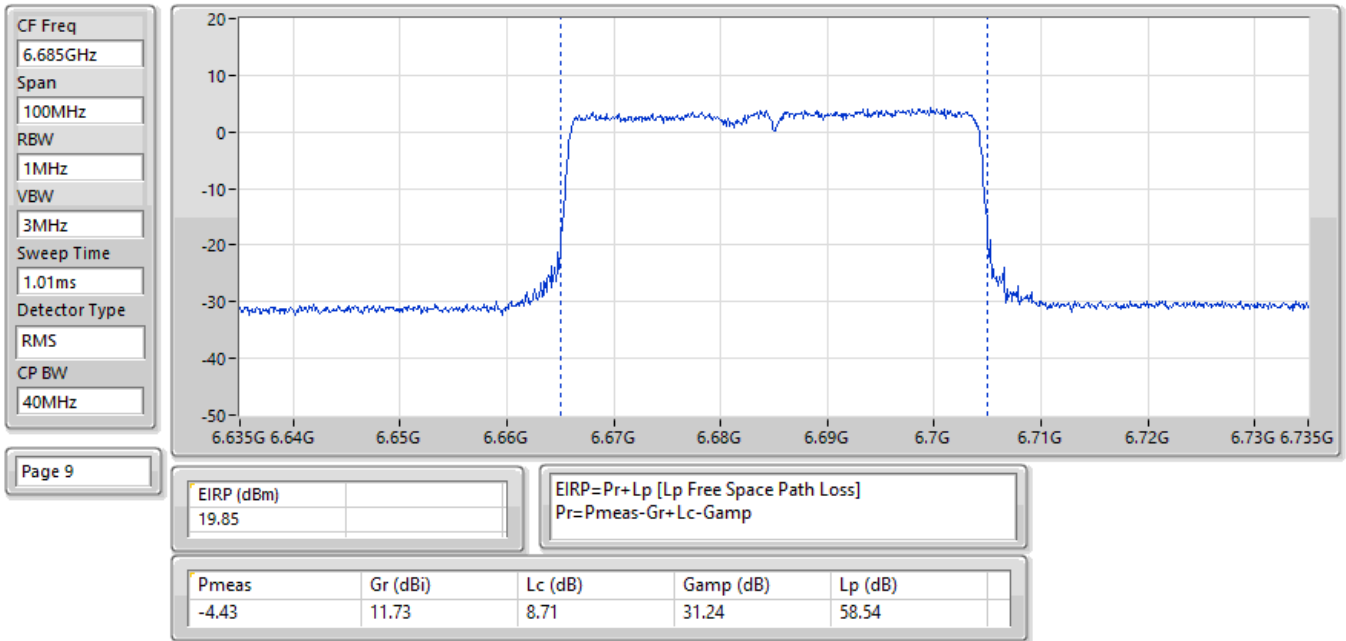
06/02/2025

EIRP:Band:6.7G;be40,BF;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6565MHz;TX



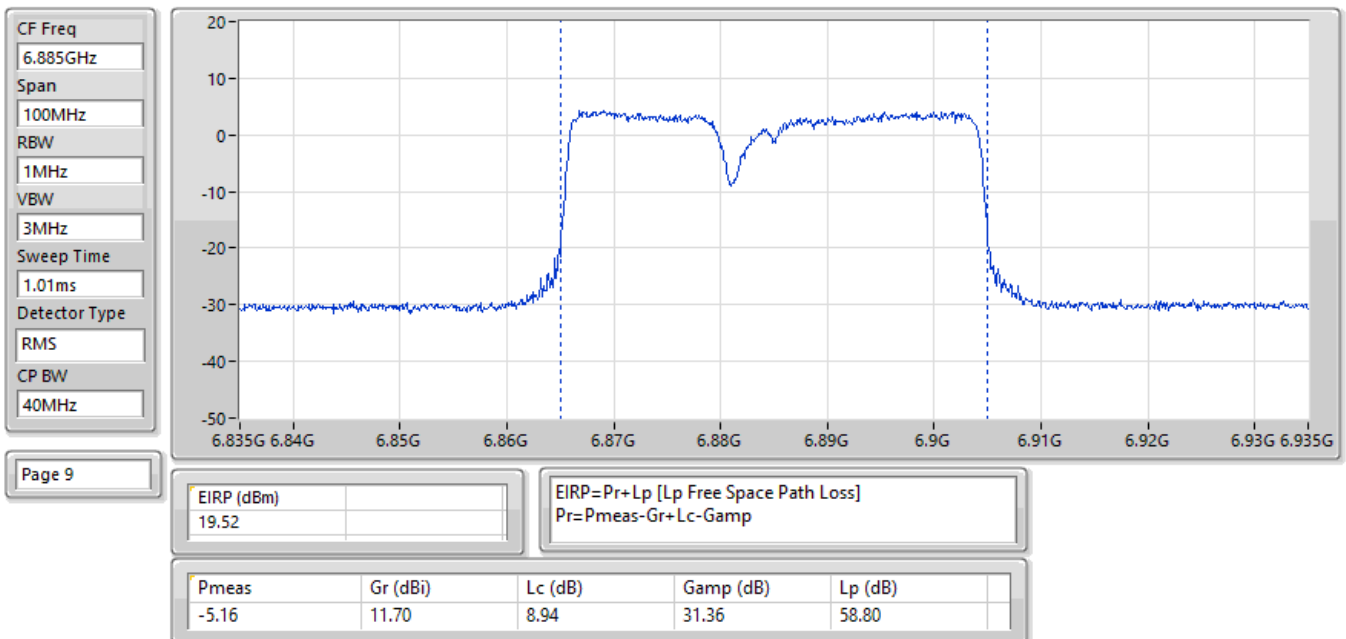
07/02/2025

EIRP:Band:6.7G;be40,BF;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6685MHz;TX



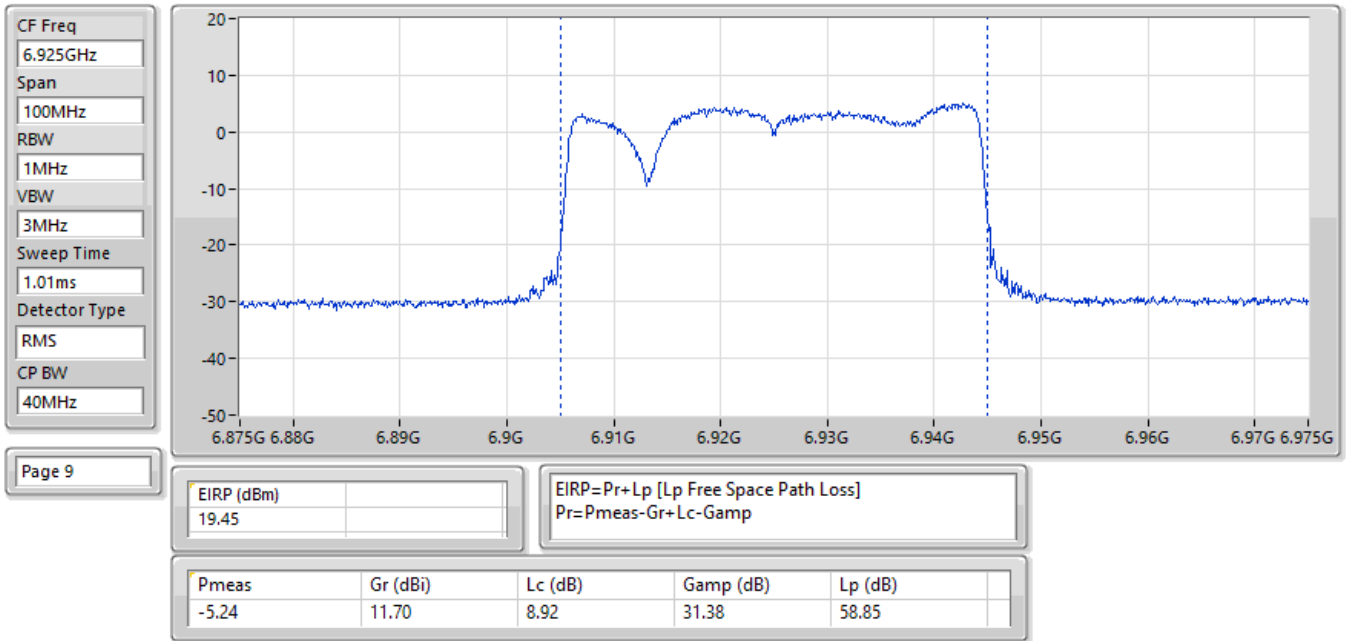
07/02/2025

EIRP:Band:6.7G;be40,BF;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6885MHz;TX



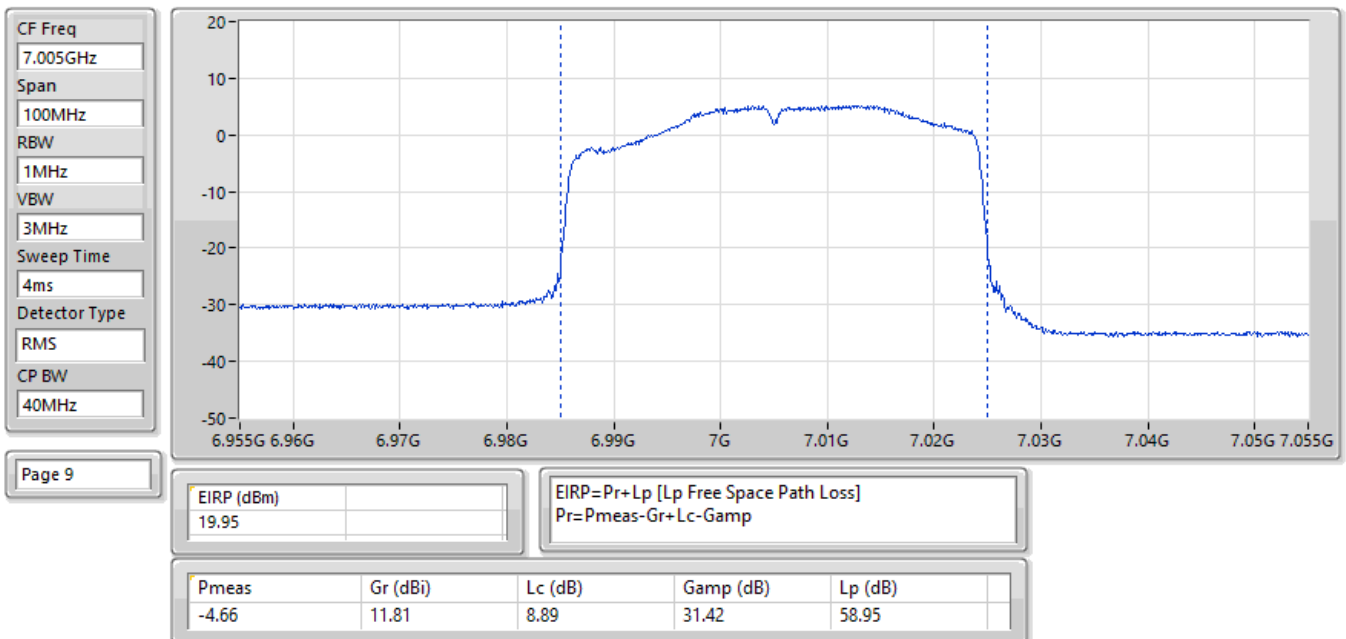
07/02/2025

EIRP:Band:7.0G;be40,BF;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6925MHz;TX



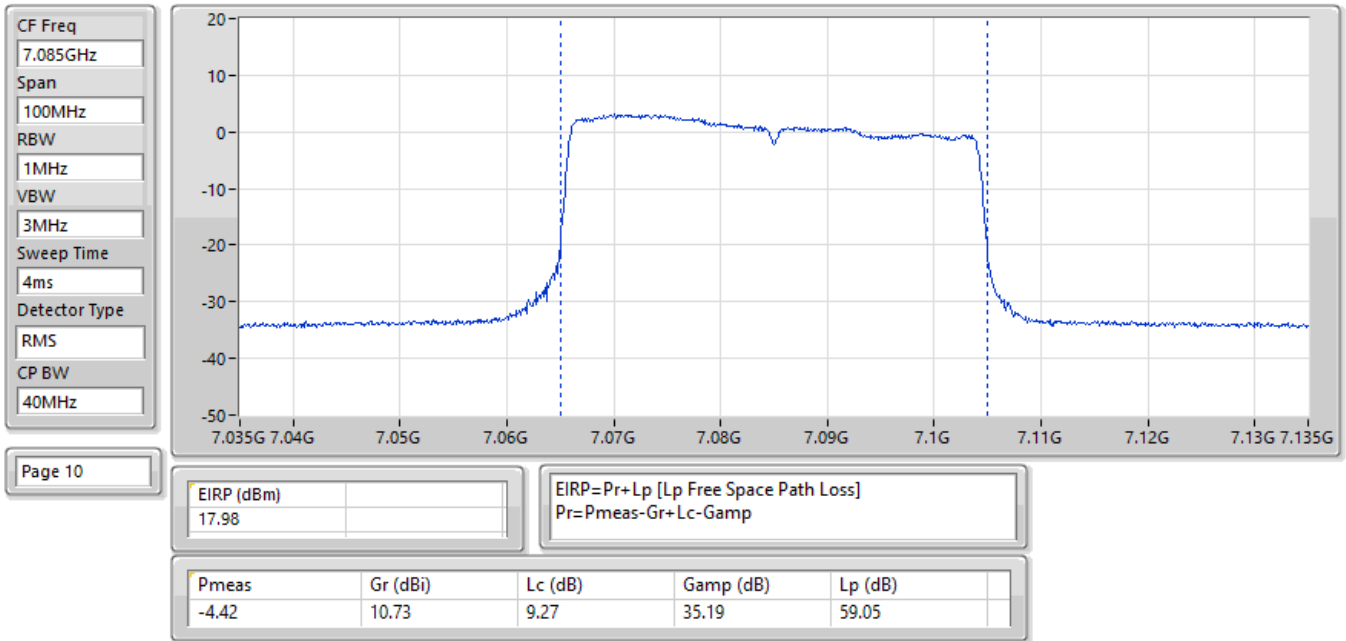
10/02/2025

EIRP:Band:7.0G;be40,BF;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:7005MHz;TX



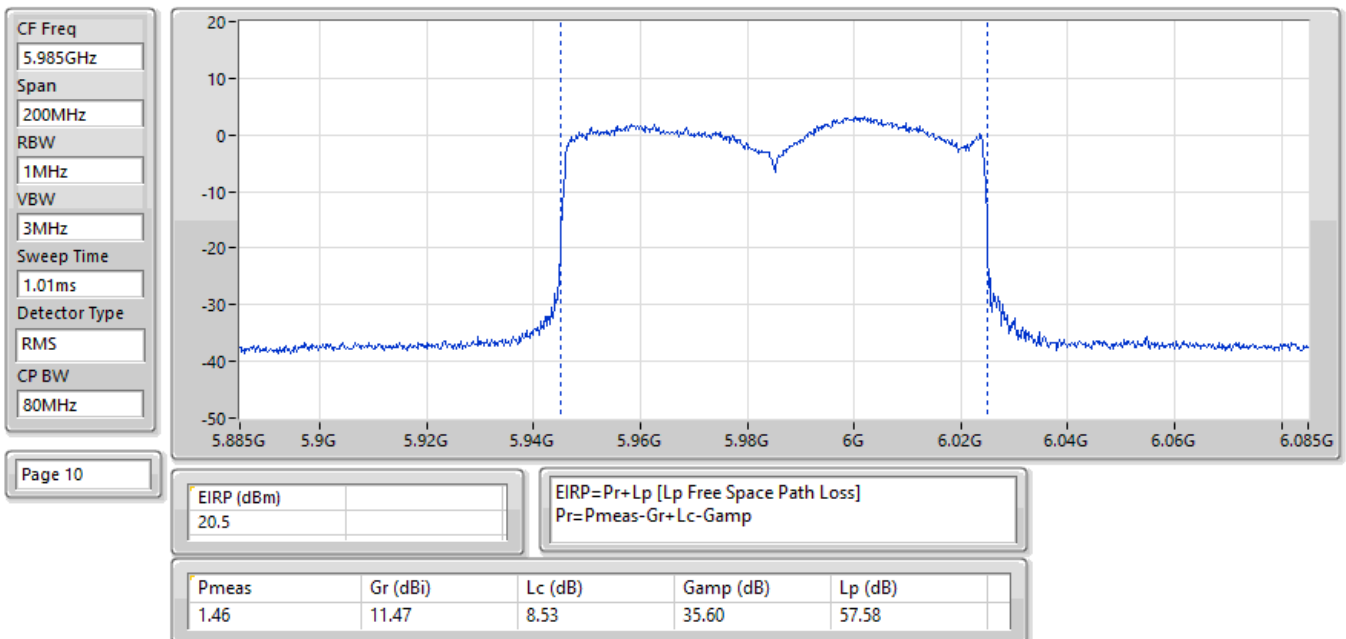
07/02/2025

EIRP:Band:7.0G;be40,BF;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:7085MHz;TX



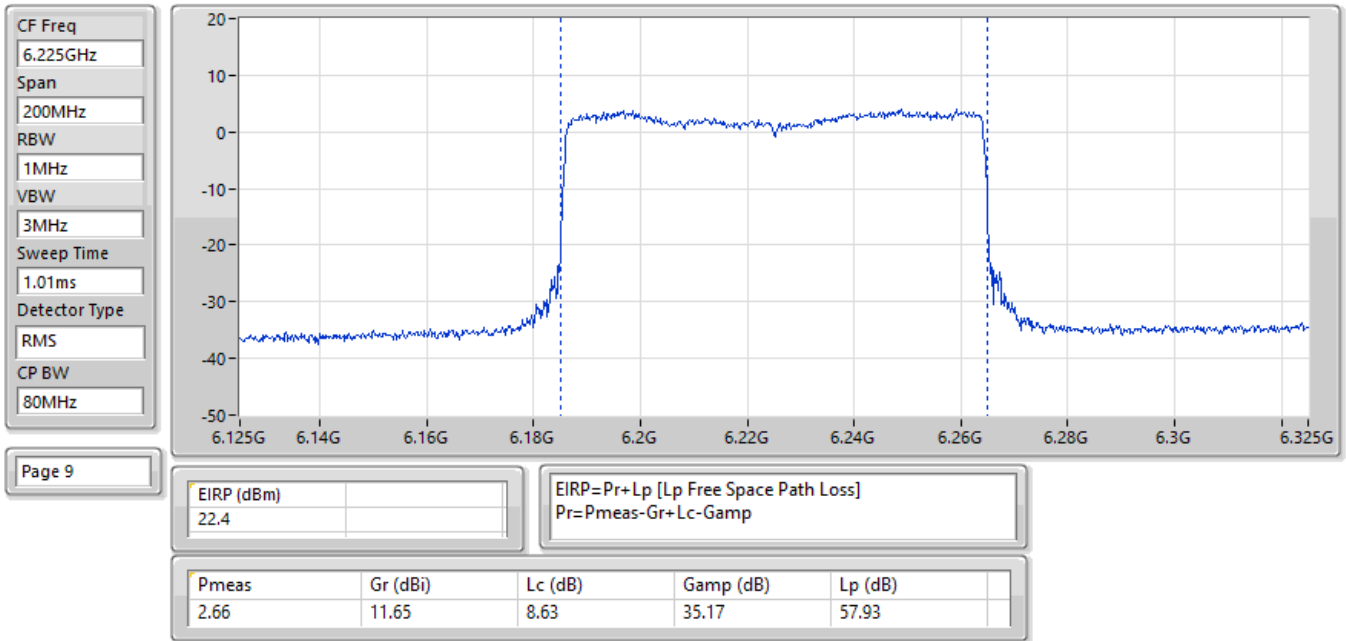
07/02/2025

EIRP:Band:6.2G;be80,BF;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:5985MHz;TX



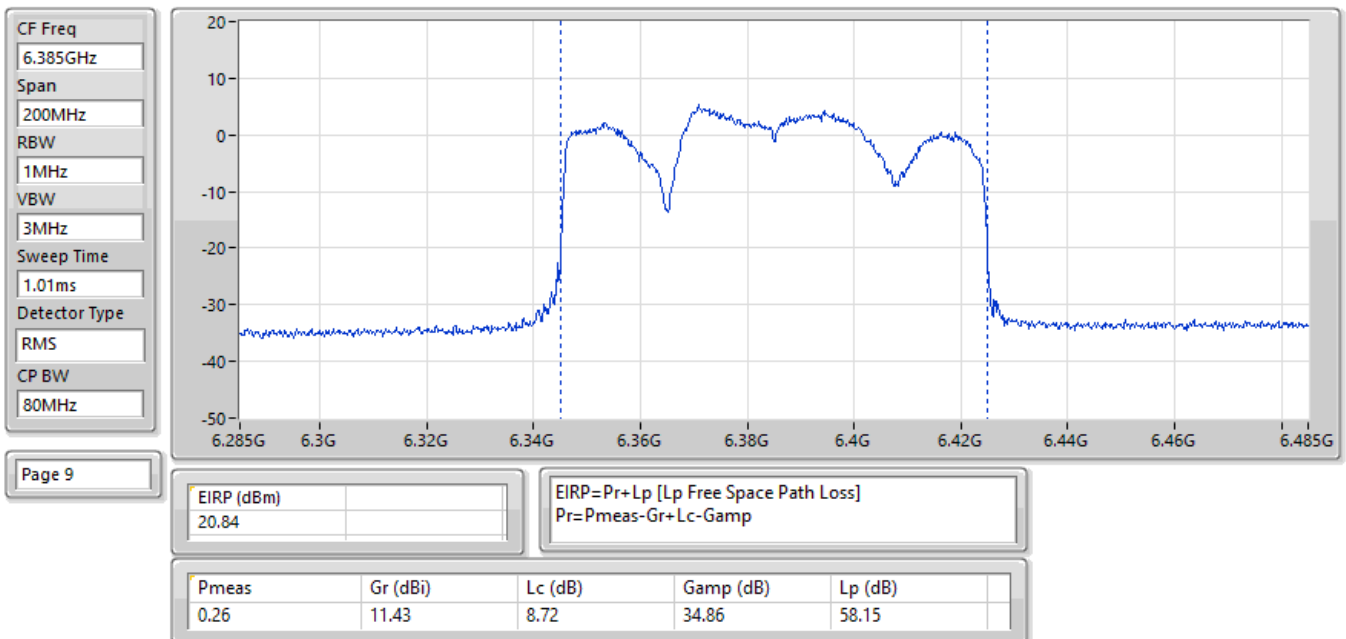
07/02/2025

EIRP:Band:6.2G;be80,BF;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6225MHz;TX



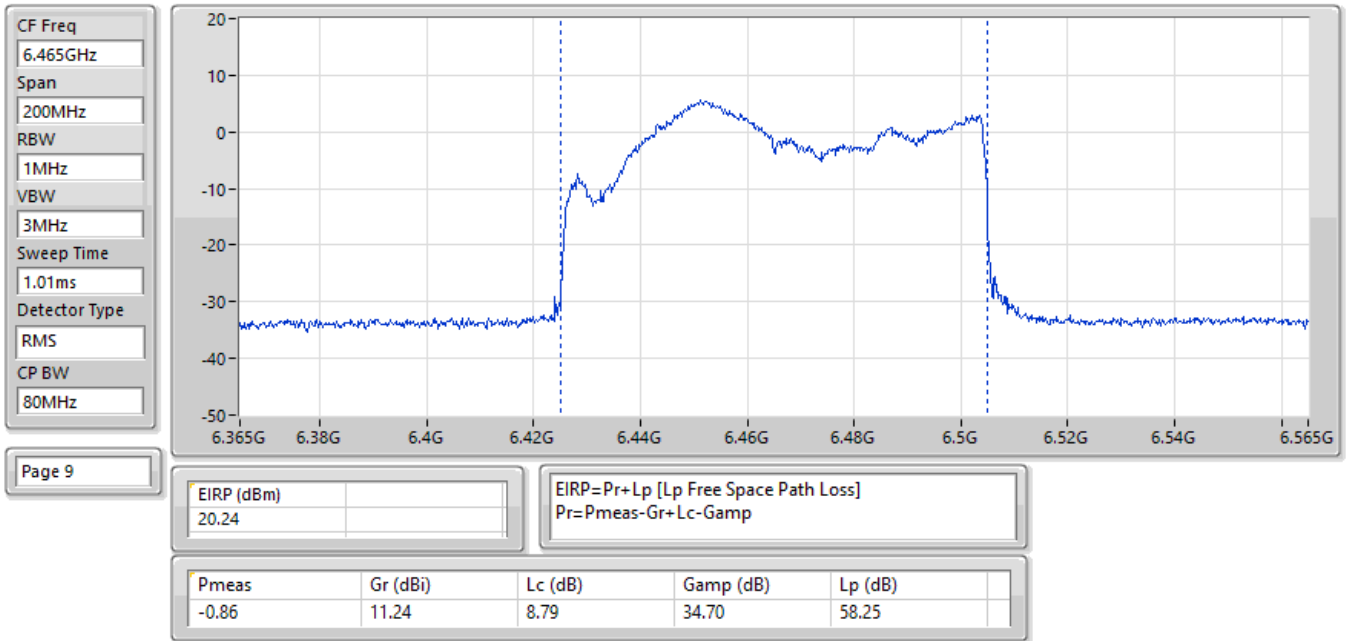
07/02/2025

EIRP:Band:6.2G;be80,BF;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6385MHz;TX



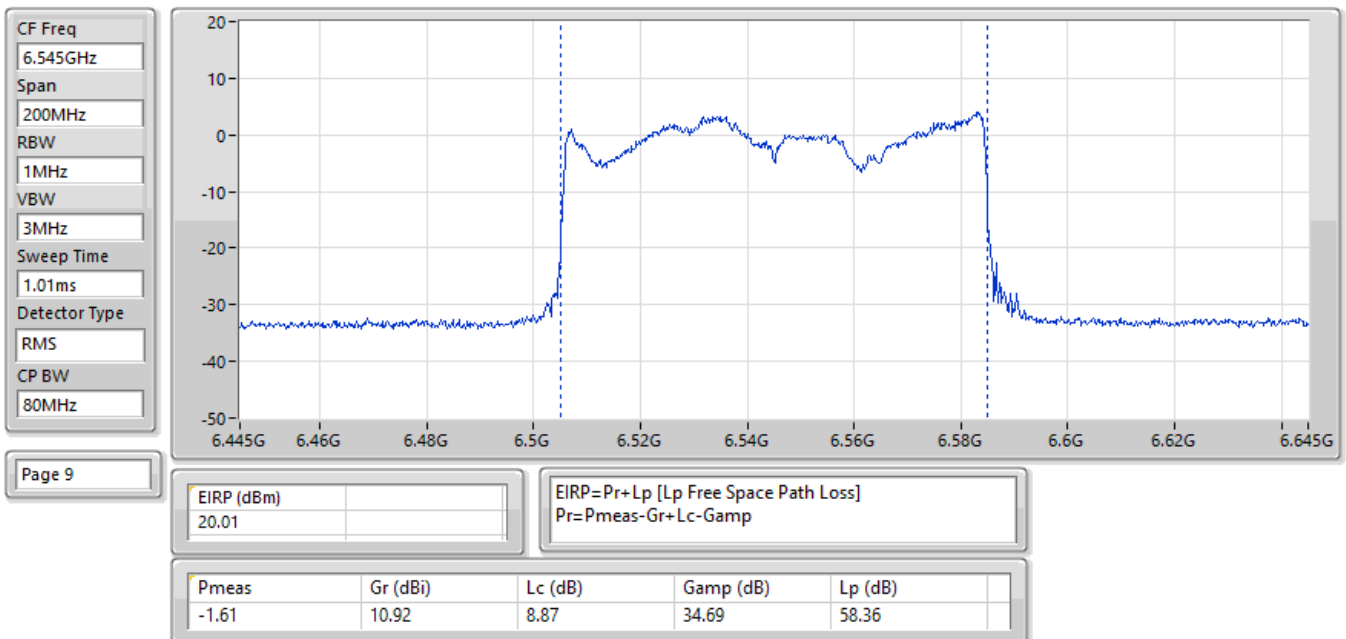
07/02/2025

EIRP:Band:6.4G;be80,BF;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6465MHz;TX



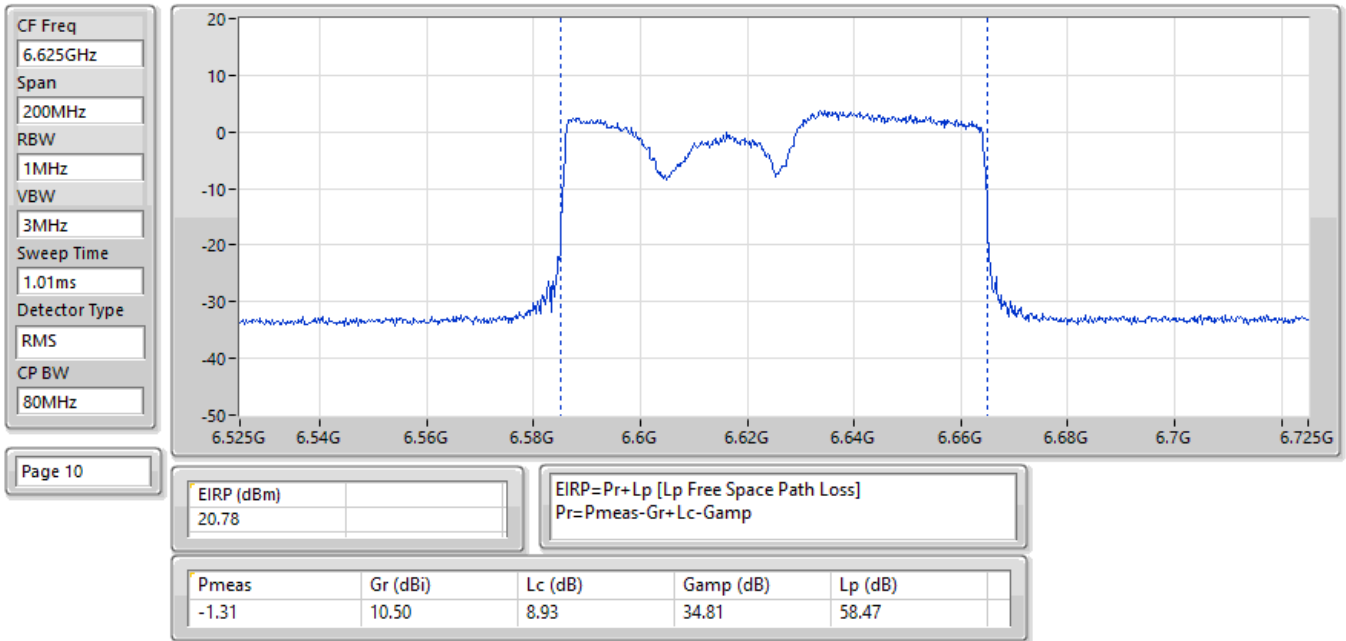
07/02/2025

EIRP:Band:6.4G;be80,BF;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6545MHz;TX



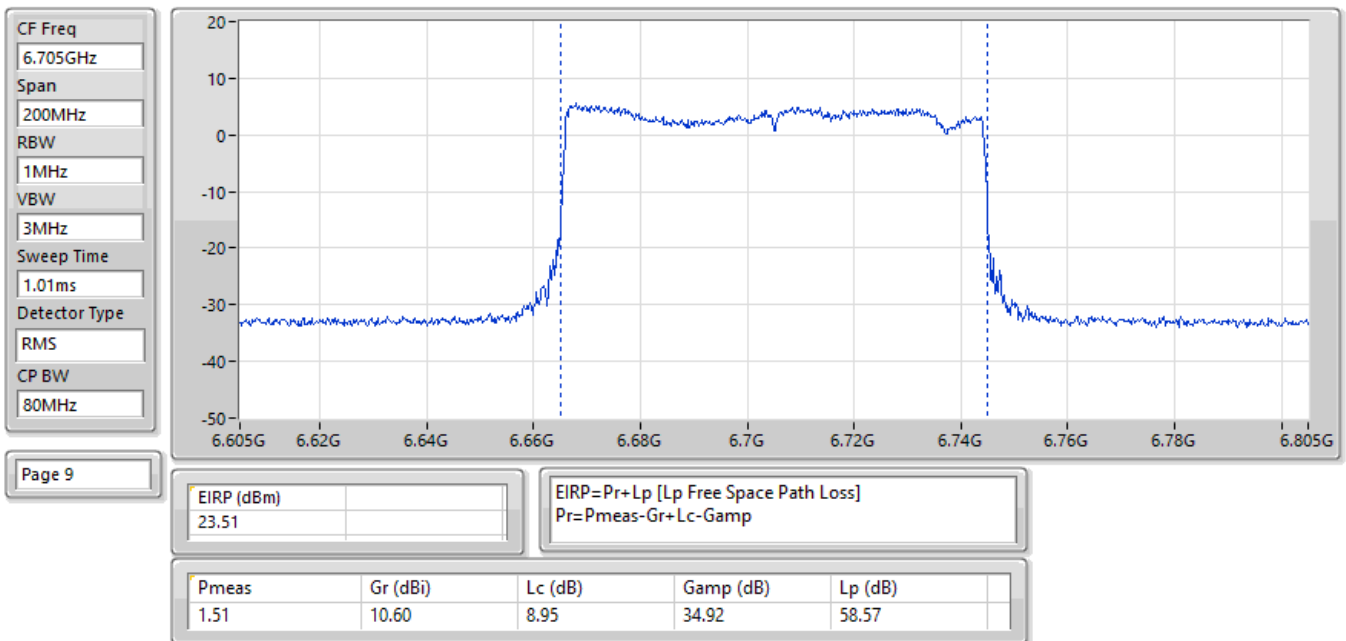
07/02/2025

EIRP:Band:6.7G;be80,BF;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6625MHz;TX



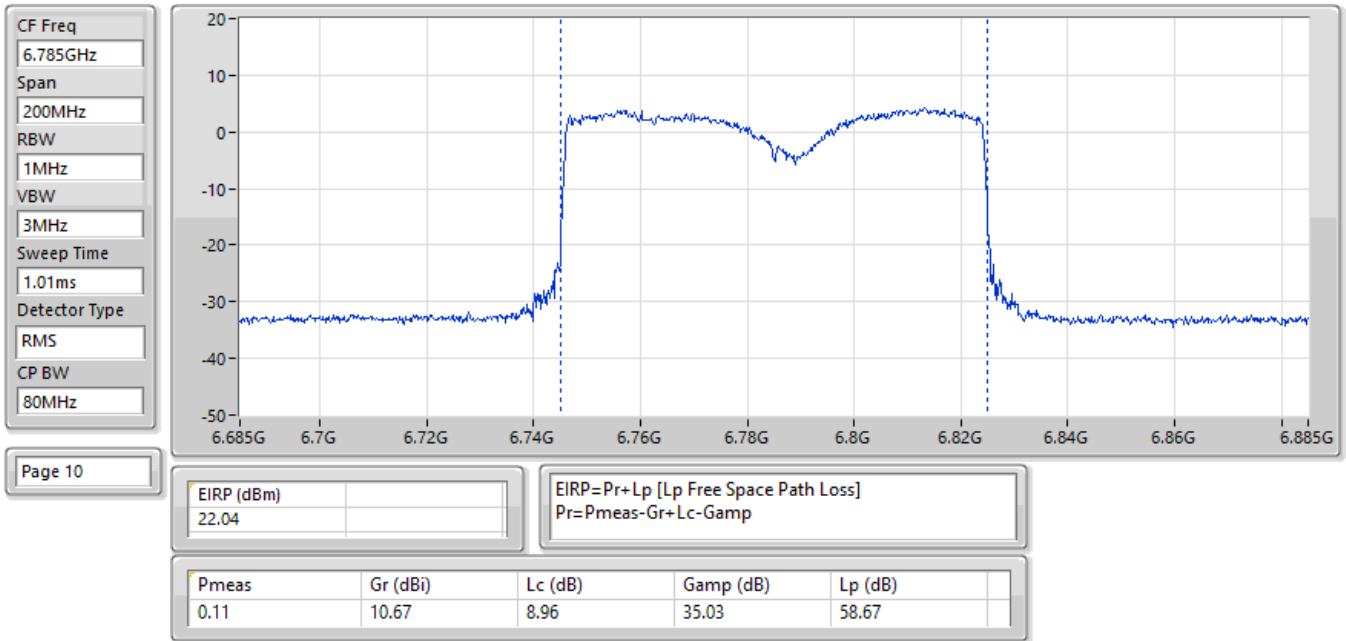
07/02/2025

EIRP:Band:6.7G;be80,BF;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6705MHz;TX



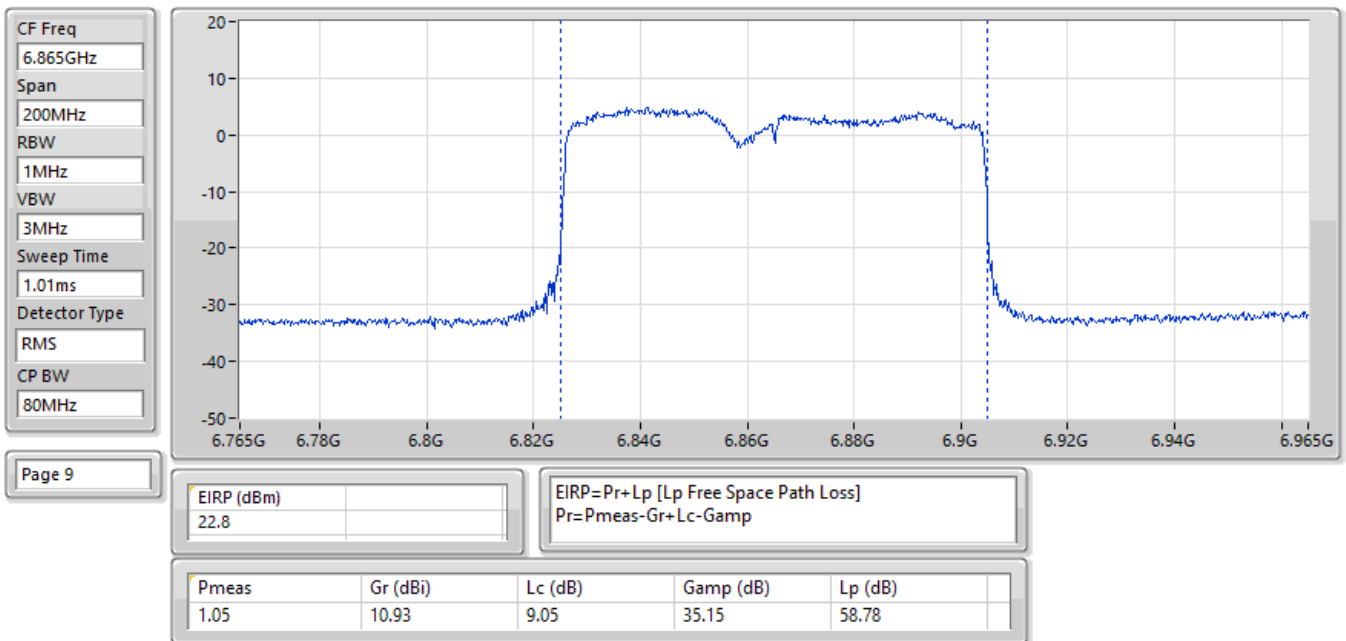
07/02/2025

EIRP:Band:6.7G;be80,BF;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6785MHz;TX



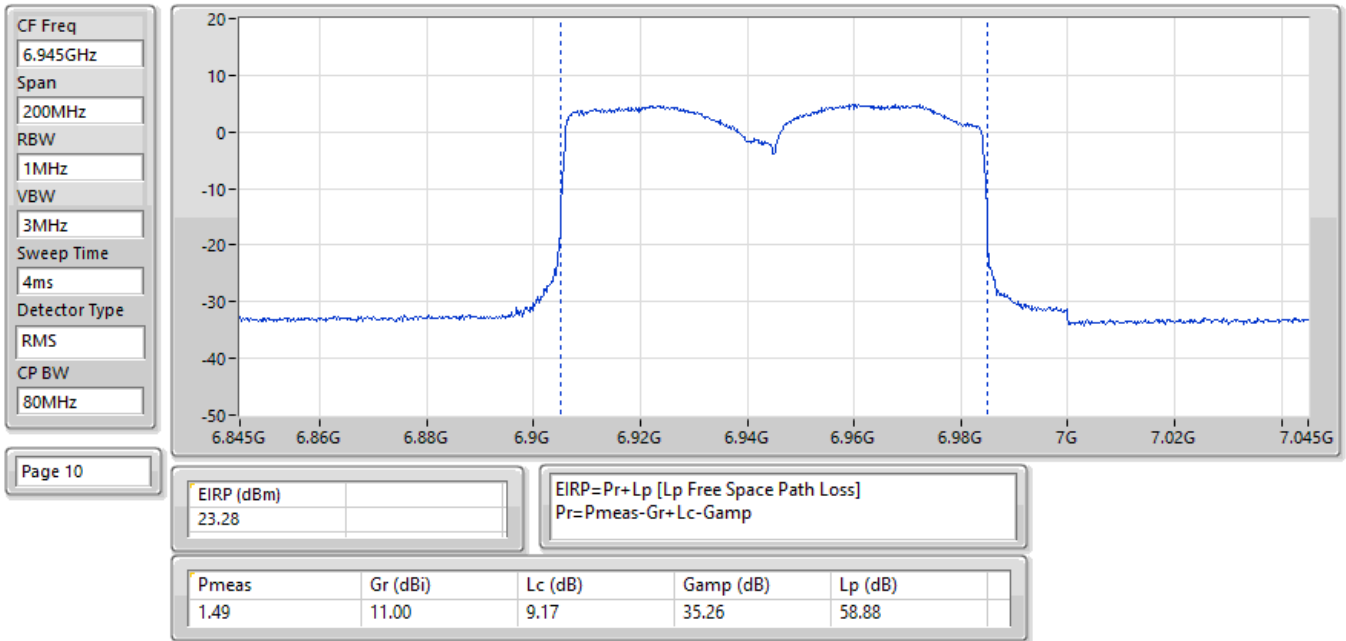
07/02/2025

EIRP:Band:6.7G;be80,BF;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6865MHz;TX



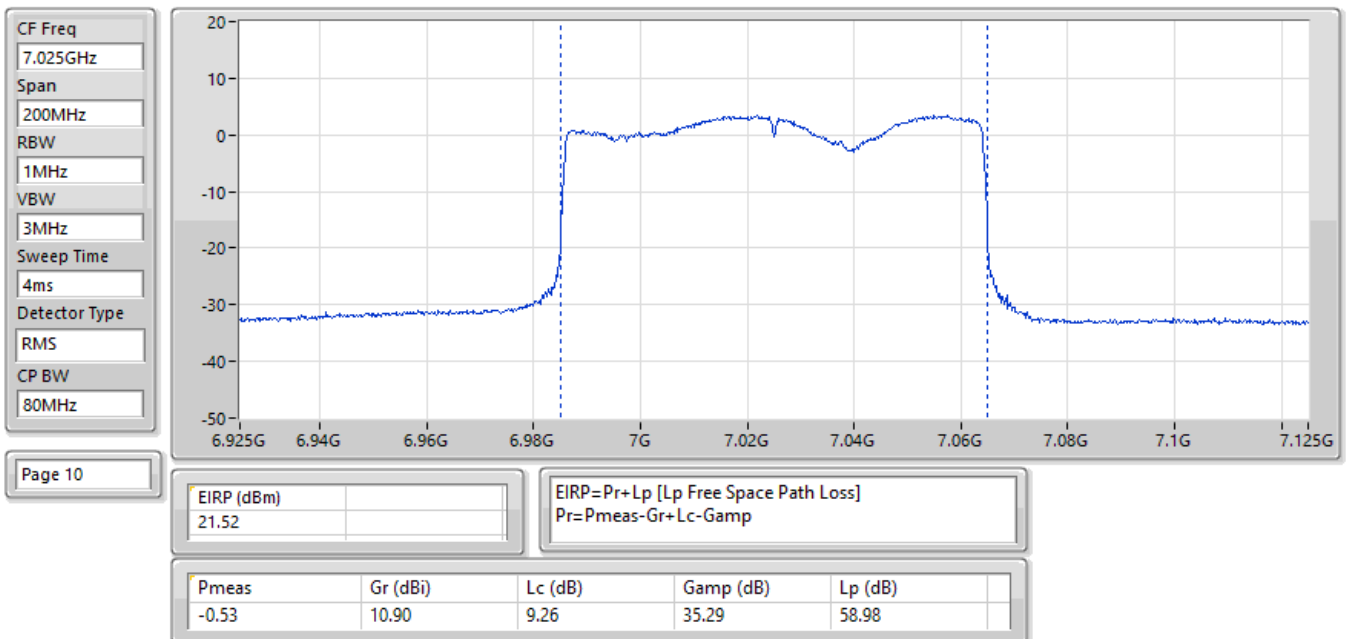
07/02/2025

EIRP:Band:7.0G;be80,BF;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:6945MHz;TX



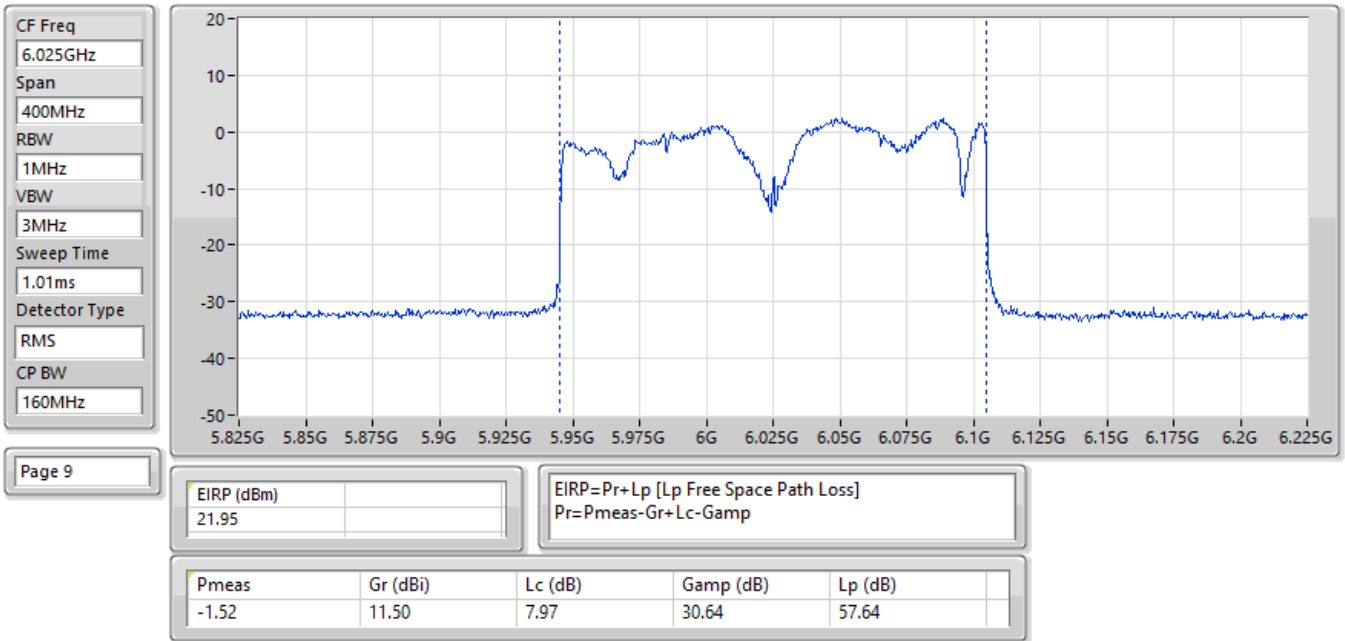
07/02/2025

EIRP:Band:7.0G;be80,BF;BWch:80MHz;Nss:1,(M0);Nant:2;Ch:7025MHz;TX



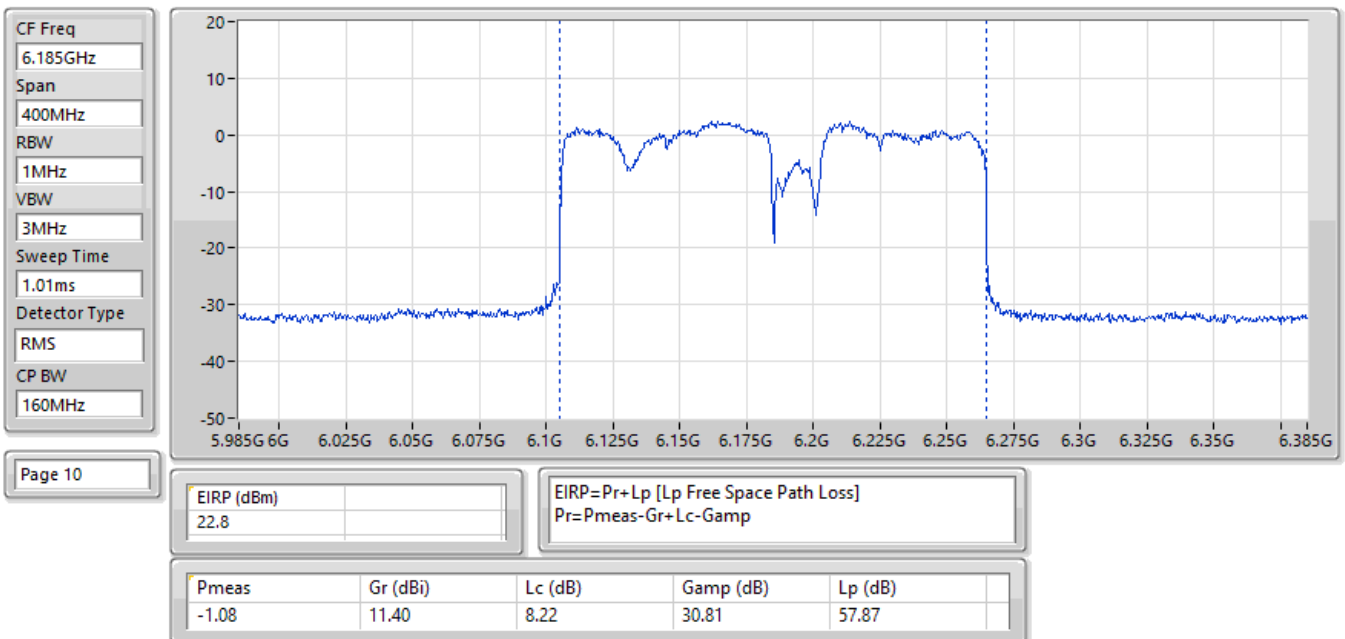
10/02/2025

EIRP;Band:6.2G;be160,BF;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:6025MHz;TX



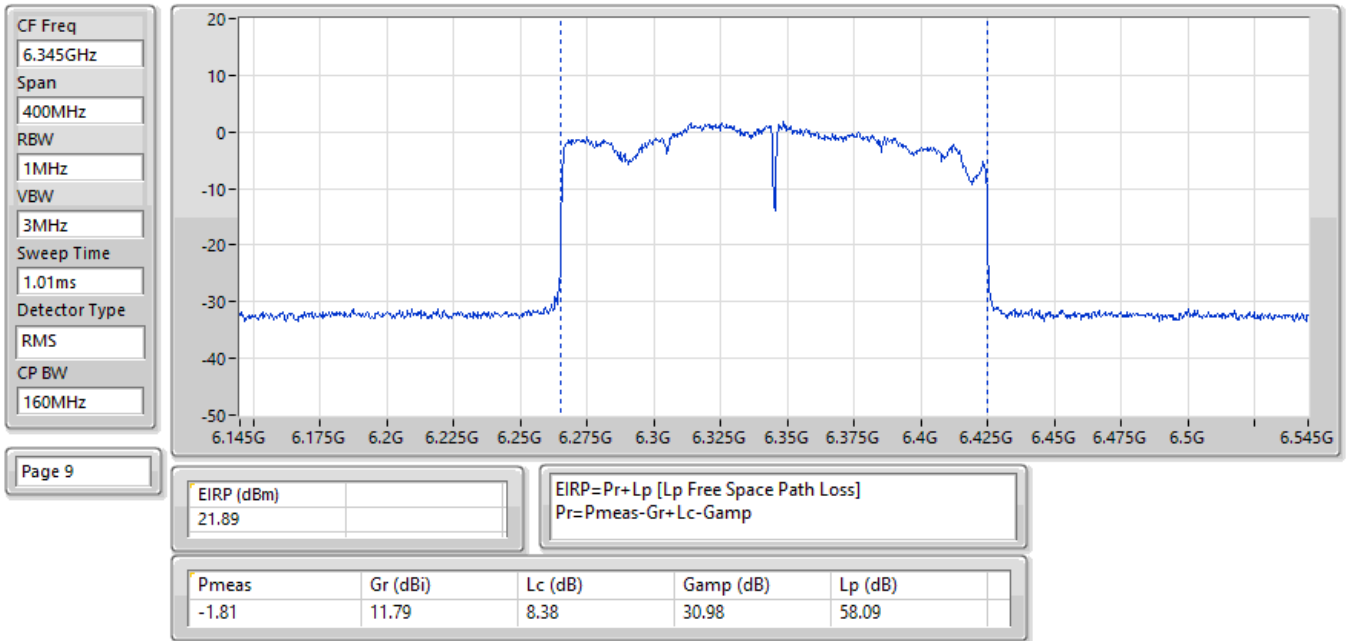
07/02/2025

EIRP;Band:6.2G;be160,BF;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:6185MHz;TX



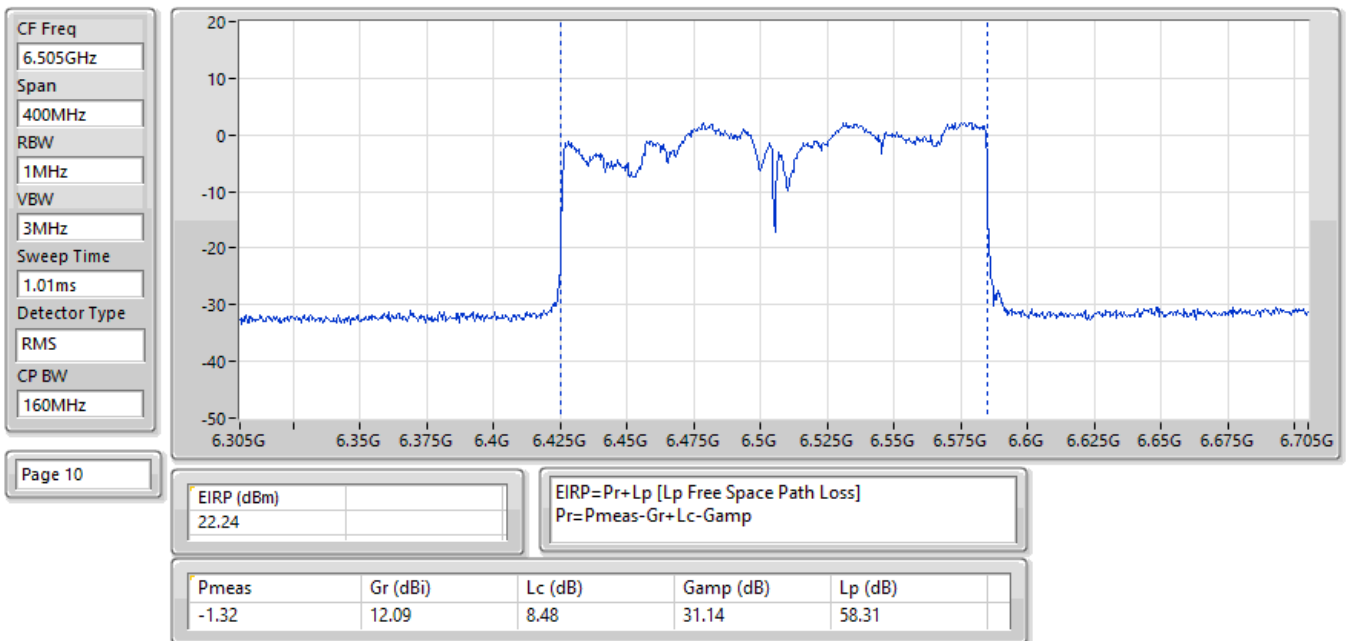
08/02/2025

EIRP;Band:6.2G;be160,BF;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:6345MHz;TX



10/02/2025

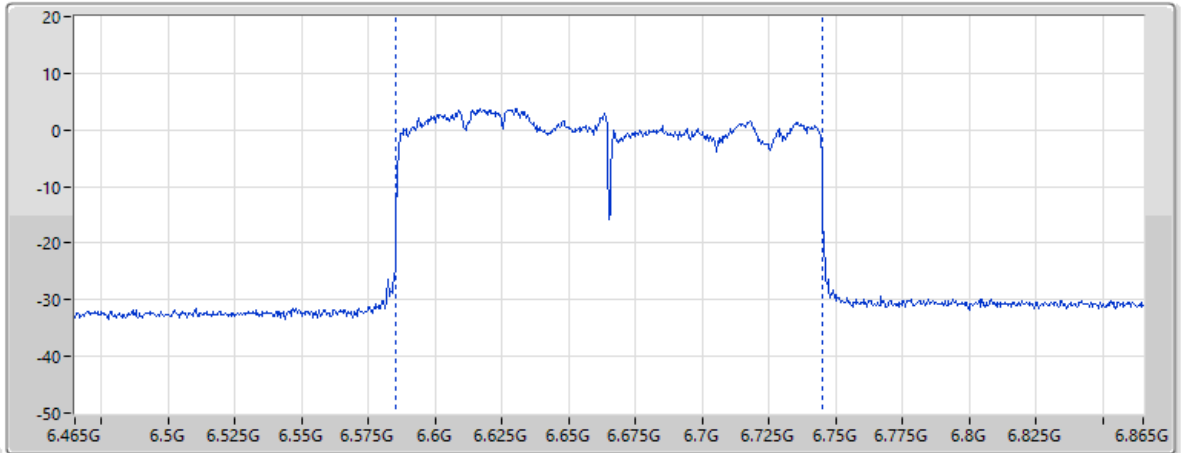
EIRP;Band:6.4G;be160,BF;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:6505MHz;TX



10/02/2025

EIRP;Band:6.7G;be160,BF;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:6665MHz;TX

CF Freq  
6.665GHz  
Span  
400MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
1.01ms  
Detector Type  
RMS  
CP BW  
160MHz



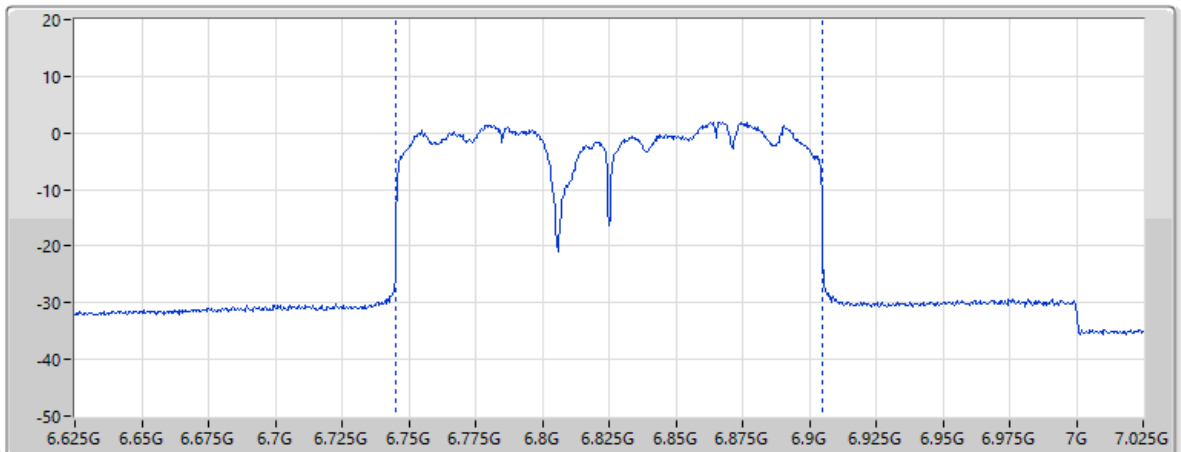
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|            |          |                                                             |           |         |
|------------|----------|-------------------------------------------------------------|-----------|---------|
| EIRP (dBm) |          | EIRP=Pr+Lp [Lp Free Space Path Loss]<br>Pr=Pmeas-Gr+Lc-Gamp |           |         |
| 23.83      |          |                                                             |           |         |
| Pmeas      | Gr (dBi) | Lc (dB)                                                     | Gamp (dB) | Lp (dB) |
| -0.35      | 11.77    | 8.66                                                        | 31.23     | 58.52   |

08/02/2025

EIRP;Band:6.7G;be160,BF;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:6825MHz;TX

CF Freq  
6.825GHz  
Span  
400MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
4ms  
Detector Type  
RMS  
CP BW  
160MHz

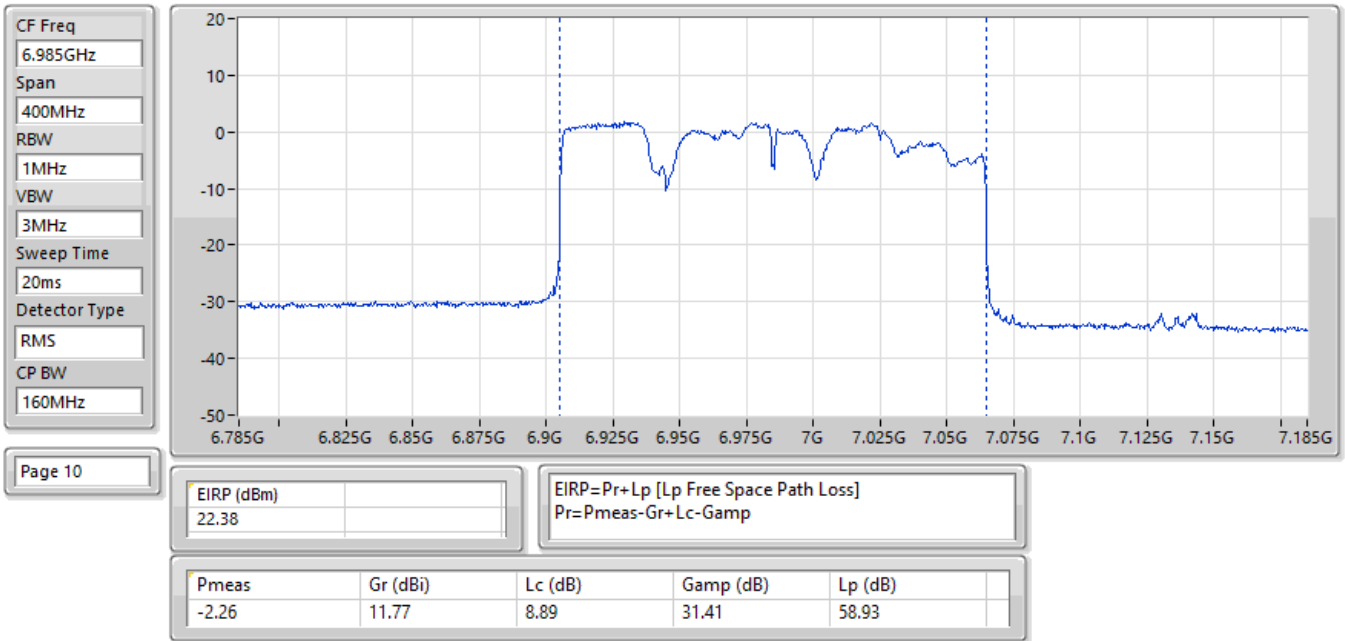


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|            |          |                                                             |           |         |
|------------|----------|-------------------------------------------------------------|-----------|---------|
| EIRP (dBm) |          | EIRP=Pr+Lp [Lp Free Space Path Loss]<br>Pr=Pmeas-Gr+Lc-Gamp |           |         |
| 22.23      |          |                                                             |           |         |
| Pmeas      | Gr (dBi) | Lc (dB)                                                     | Gamp (dB) | Lp (dB) |
| -2.49      | 11.65    | 8.97                                                        | 31.32     | 58.72   |

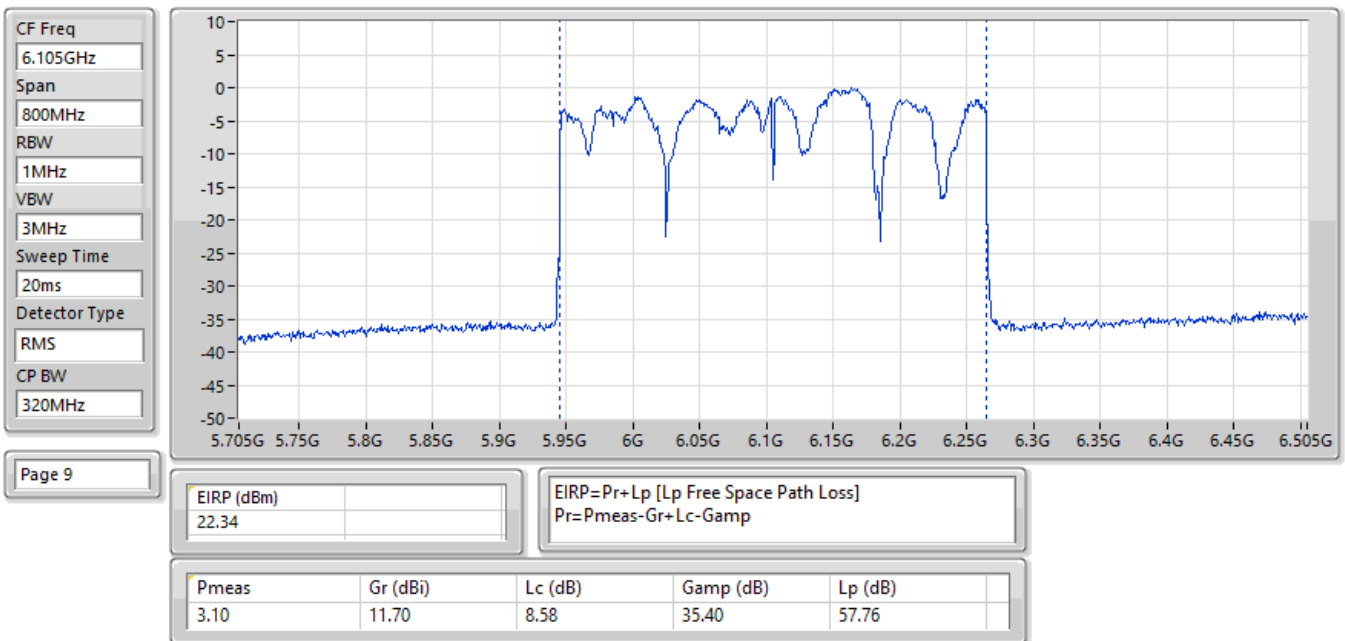
11/02/2025

EIRP;Band:7.0G;be160,BF;BWch:160MHz;Nss:1,(M0);Nant:2;Ch:6985MHz;TX



11/02/2025

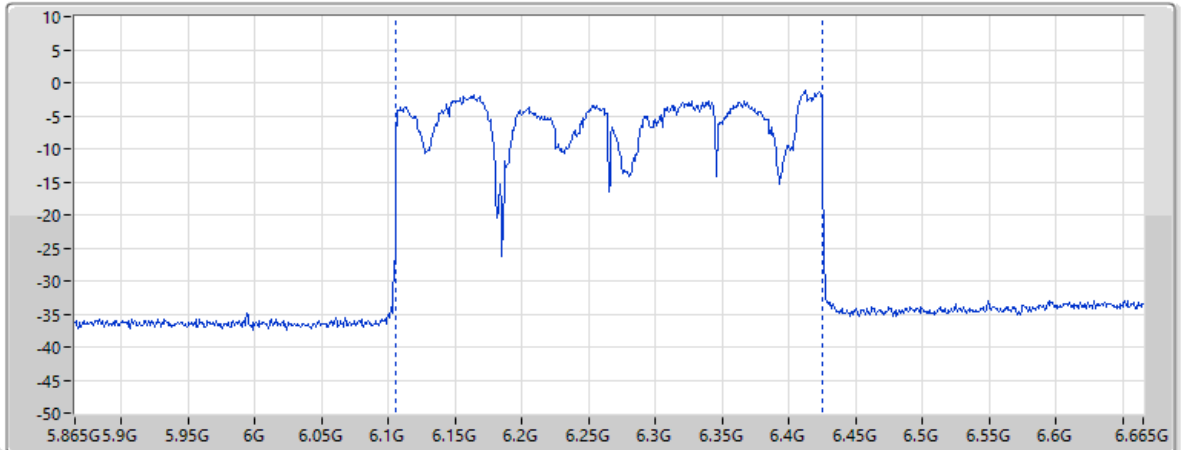
EIRP;Band:6.2G;be320,BF;BWch:320MHz;Nss:1,(M0);Nant:2;Ch:6105MHz;TX



10/02/2025

EIRP;Band:6.2G;be320,BF;BWch:320MHz;Nss:1,(M0);Nant:2;Ch:6265MHz;TX

CF Freq  
6.265GHz  
Span  
800MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS  
CP BW  
320MHz



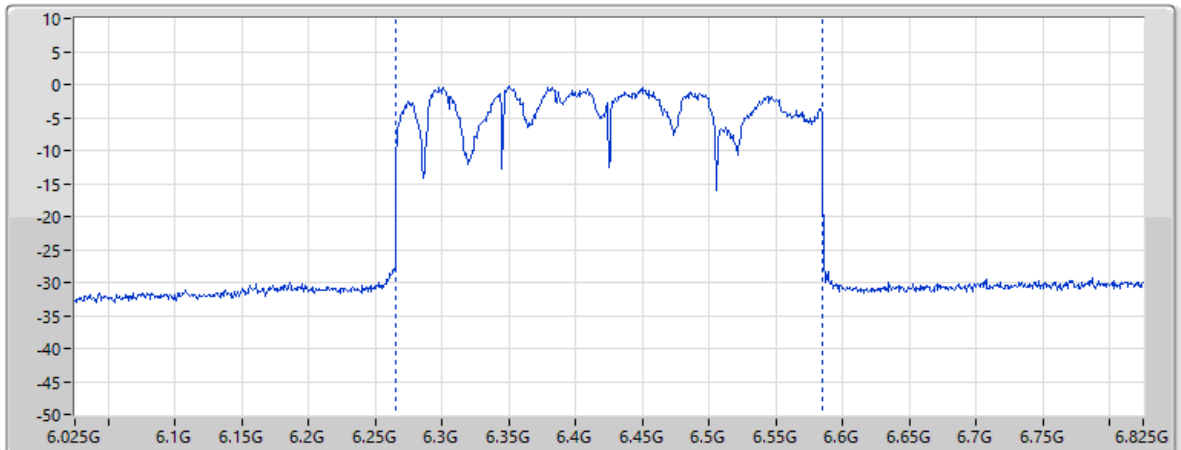
Page 9

|            |          |                                                             |           |         |
|------------|----------|-------------------------------------------------------------|-----------|---------|
| EIRP (dBm) |          | EIRP=Pr+Lp [Lp Free Space Path Loss]<br>Pr=Pmeas-Gr+Lc-Gamp |           |         |
| 21.14      |          |                                                             |           |         |
| Pmeas      | Gr (dBi) | Lc (dB)                                                     | Gamp (dB) | Lp (dB) |
| 1.22       | 11.63    | 8.66                                                        | 35.09     | 57.98   |

08/02/2025

EIRP;Band:6.2G;be320,BF;BWch:320MHz;Nss:1,(M0);Nant:2;Ch:6425MHz;TX

CF Freq  
6.425GHz  
Span  
800MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS  
CP BW  
320MHz

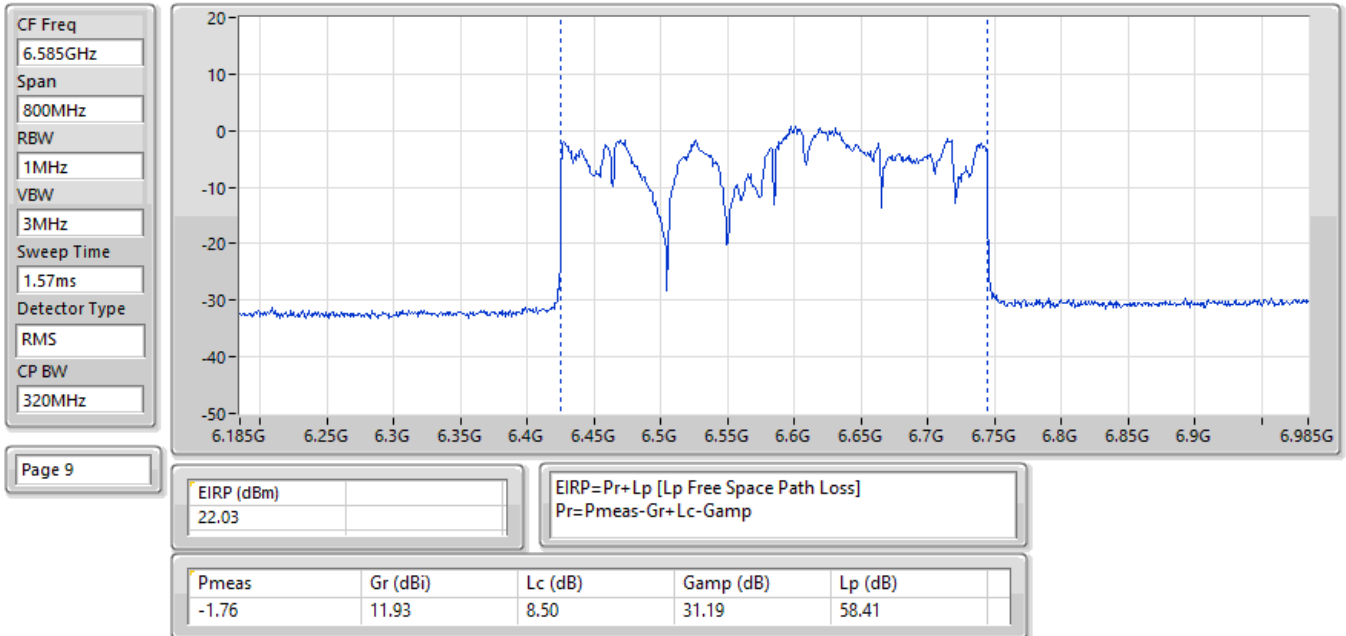


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|            |          |                                                             |           |         |
|------------|----------|-------------------------------------------------------------|-----------|---------|
| EIRP (dBm) |          | EIRP=Pr+Lp [Lp Free Space Path Loss]<br>Pr=Pmeas-Gr+Lc-Gamp |           |         |
| 22.98      |          |                                                             |           |         |
| Pmeas      | Gr (dBi) | Lc (dB)                                                     | Gamp (dB) | Lp (dB) |
| -0.71      | 11.90    | 8.45                                                        | 31.06     | 58.20   |

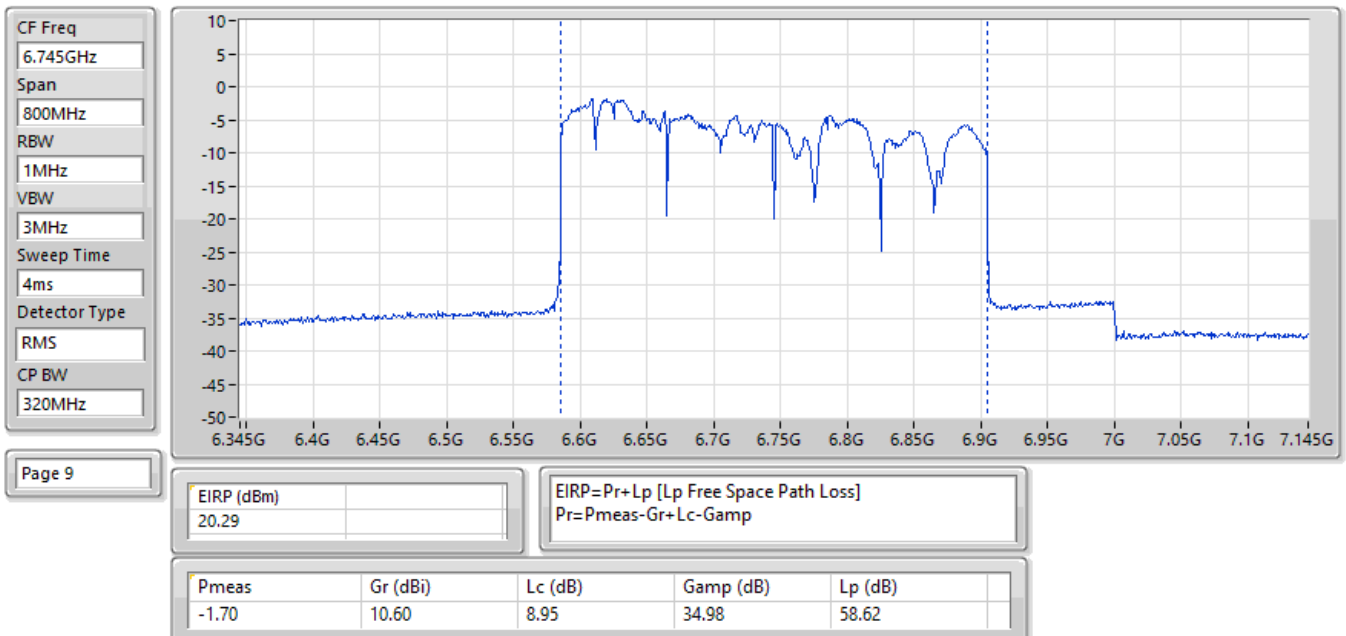
08/02/2025

EIRP;Band:6.4G;be320,BF;BWch:320MHz;Nss:1,(M0);Nant:2;Ch:6585MHz;TX



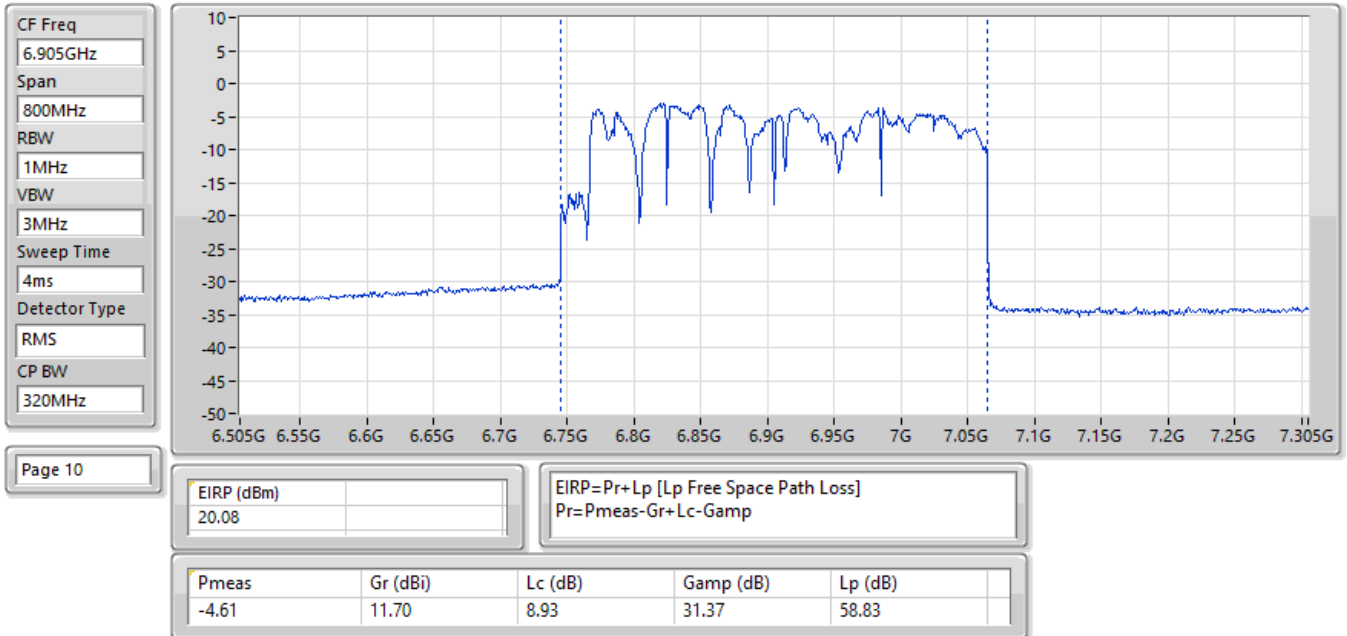
08/02/2025

EIRP;Band:6.4G;be320,BF;BWch:320MHz;Nss:1,(M0);Nant:2;Ch:6745MHz;TX



08/02/2025

EIRP;Band:6.7G;be320,BF;BWch:320MHz;Nss:1,(M0);Nant:2;Ch:6905MHz;TX



**Summary**

| Mode                               | EIRP PD<br>(dBm/RBW) |
|------------------------------------|----------------------|
| 5.925-6.425GHz                     | -                    |
| 802.11a_Nss1,(6Mbps)_2TX           | 4.93                 |
| 802.11be EHT20_Nss1,(MCS0)_2TX     | 4.92                 |
| 802.11be EHT20-BF_Nss1,(MCS0)_2TX  | 4.89                 |
| 802.11be EHT40_Nss1,(MCS0)_2TX     | 4.65                 |
| 802.11be EHT40-BF_Nss1,(MCS0)_2TX  | 4.92                 |
| 802.11be EHT80_Nss1,(MCS0)_2TX     | 4.91                 |
| 802.11be EHT80-BF_Nss1,(MCS0)_2TX  | 4.74                 |
| 802.11be EHT160_Nss1,(MCS0)_2TX    | 4.86                 |
| 802.11be EHT160-BF_Nss1,(MCS0)_2TX | 2.75                 |
| 802.11be EHT320_Nss1,(MCS0)_2TX    | 4.86                 |
| 802.11be EHT320-BF_Nss1,(MCS0)_2TX | -2.23                |
| 6.425-6.525GHz                     | -                    |
| 802.11a_Nss1,(6Mbps)_2TX           | 4.71                 |
| 802.11be EHT20_Nss1,(MCS0)_2TX     | 4.79                 |
| 802.11be EHT20-BF_Nss1,(MCS0)_2TX  | 4.49                 |
| 802.11be EHT40_Nss1,(MCS0)_2TX     | 4.72                 |
| 802.11be EHT40-BF_Nss1,(MCS0)_2TX  | 4.71                 |
| 802.11be EHT80_Nss1,(MCS0)_2TX     | 4.99                 |
| 802.11be EHT80-BF_Nss1,(MCS0)_2TX  | 4.74                 |
| 802.11be EHT160_Nss1,(MCS0)_2TX    | 4.57                 |
| 802.11be EHT160-BF_Nss1,(MCS0)_2TX | 2.16                 |
| 802.11be EHT320_Nss1,(MCS0)_2TX    | 4.77                 |
| 802.11be EHT320-BF_Nss1,(MCS0)_2TX | -2.04                |
| 6.525-6.875GHz                     | -                    |
| 802.11a_Nss1,(6Mbps)_2TX           | 4.88                 |
| 802.11be EHT20_Nss1,(MCS0)_2TX     | 4.81                 |
| 802.11be EHT20-BF_Nss1,(MCS0)_2TX  | 4.94                 |
| 802.11be EHT40_Nss1,(MCS0)_2TX     | 4.98                 |
| 802.11be EHT40-BF_Nss1,(MCS0)_2TX  | 4.48                 |
| 802.11be EHT80_Nss1,(MCS0)_2TX     | 4.97                 |
| 802.11be EHT80-BF_Nss1,(MCS0)_2TX  | 4.77                 |
| 802.11be EHT160_Nss1,(MCS0)_2TX    | 4.59                 |
| 802.11be EHT160-BF_Nss1,(MCS0)_2TX | 3.81                 |
| 802.11be EHT320_Nss1,(MCS0)_2TX    | 1.43                 |
| 802.11be EHT320-BF_Nss1,(MCS0)_2TX | -2.98                |
| 6.875-7.125GHz                     | -                    |
| 802.11a_Nss1,(6Mbps)_2TX           | 4.91                 |
| 802.11be EHT20_Nss1,(MCS0)_2TX     | 4.83                 |
| 802.11be EHT20-BF_Nss1,(MCS0)_2TX  | 4.90                 |
| 802.11be EHT40_Nss1,(MCS0)_2TX     | 4.98                 |
| 802.11be EHT40-BF_Nss1,(MCS0)_2TX  | 4.38                 |
| 802.11be EHT80_Nss1,(MCS0)_2TX     | 4.73                 |
| 802.11be EHT80-BF_Nss1,(MCS0)_2TX  | 4.73                 |
| 802.11be EHT160_Nss1,(MCS0)_2TX    | 2.97                 |
| 802.11be EHT160-BF_Nss1,(MCS0)_2TX | 2.79                 |

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

**Result**

| Mode                            | Result | EIRP PD<br>(dBm/RBW) | EIRP PD Limit<br>(dBm/RBW) |
|---------------------------------|--------|----------------------|----------------------------|
| 802.11a_Nss1,(6Mbps)_2TX        | -      | -                    | -                          |
| 5955MHz                         | Pass   | 4.93                 | 5.00                       |
| 6195MHz                         | Pass   | 4.66                 | 5.00                       |
| 6415MHz                         | Pass   | 4.72                 | 5.00                       |
| 6435MHz                         | Pass   | 4.71                 | 5.00                       |
| 6475MHz                         | Pass   | 4.68                 | 5.00                       |
| 6515MHz                         | Pass   | 4.66                 | 5.00                       |
| 6535MHz                         | Pass   | 4.64                 | 5.00                       |
| 6695MHz                         | Pass   | 4.88                 | 5.00                       |
| 6875MHz                         | Pass   | 4.69                 | 5.00                       |
| 6895MHz                         | Pass   | 4.63                 | 5.00                       |
| 6995MHz                         | Pass   | 4.79                 | 5.00                       |
| 7095MHz                         | Pass   | 4.91                 | 5.00                       |
| 7115MHz                         | Pass   | 1.60                 | 5.00                       |
| 802.11be EHT20_Nss1,(MCS0)_2TX  | -      | -                    | -                          |
| 5955MHz                         | Pass   | 4.92                 | 5.00                       |
| 6195MHz                         | Pass   | 4.90                 | 5.00                       |
| 6415MHz                         | Pass   | 4.84                 | 5.00                       |
| 6435MHz                         | Pass   | 4.79                 | 5.00                       |
| 6475MHz                         | Pass   | 4.54                 | 5.00                       |
| 6515MHz                         | Pass   | 4.71                 | 5.00                       |
| 6535MHz                         | Pass   | 4.81                 | 5.00                       |
| 6695MHz                         | Pass   | 4.76                 | 5.00                       |
| 6875MHz                         | Pass   | 4.62                 | 5.00                       |
| 6895MHz                         | Pass   | 4.83                 | 5.00                       |
| 6995MHz                         | Pass   | 4.72                 | 5.00                       |
| 7095MHz                         | Pass   | 4.64                 | 5.00                       |
| 7115MHz                         | Pass   | 0.75                 | 5.00                       |
| 802.11be EHT40_Nss1,(MCS0)_2TX  | -      | -                    | -                          |
| 5965MHz                         | Pass   | 4.65                 | 5.00                       |
| 6205MHz                         | Pass   | 4.55                 | 5.00                       |
| 6405MHz                         | Pass   | 4.51                 | 5.00                       |
| 6445MHz                         | Pass   | 4.55                 | 5.00                       |
| 6485MHz                         | Pass   | 4.60                 | 5.00                       |
| 6525MHz                         | Pass   | 4.72                 | 5.00                       |
| 6565MHz                         | Pass   | 4.71                 | 5.00                       |
| 6685MHz                         | Pass   | 4.76                 | 5.00                       |
| 6885MHz                         | Pass   | 4.98                 | 5.00                       |
| 6925MHz                         | Pass   | 4.65                 | 5.00                       |
| 7005MHz                         | Pass   | 4.98                 | 5.00                       |
| 7085MHz                         | Pass   | 4.80                 | 5.00                       |
| 802.11be EHT80_Nss1,(MCS0)_2TX  | -      | -                    | -                          |
| 5985MHz                         | Pass   | 4.83                 | 5.00                       |
| 6225MHz                         | Pass   | 4.74                 | 5.00                       |
| 6385MHz                         | Pass   | 4.91                 | 5.00                       |
| 6465MHz                         | Pass   | 4.63                 | 5.00                       |
| 6545MHz                         | Pass   | 4.99                 | 5.00                       |
| 6625MHz                         | Pass   | 4.73                 | 5.00                       |
| 6705MHz                         | Pass   | 4.63                 | 5.00                       |
| 6785MHz                         | Pass   | 4.97                 | 5.00                       |
| 6865MHz                         | Pass   | 4.92                 | 5.00                       |
| 6945MHz                         | Pass   | 4.73                 | 5.00                       |
| 7025MHz                         | Pass   | 4.62                 | 5.00                       |
| 802.11be EHT160_Nss1,(MCS0)_2TX | -      | -                    | -                          |
| 6025MHz                         | Pass   | 4.86                 | 5.00                       |



## Radiated PSD

## Appendix D

| Mode                               | Result | EIRP PD<br>(dBm/RBW) | EIRP PD Limit<br>(dBm/RBW) |
|------------------------------------|--------|----------------------|----------------------------|
| 6185MHz                            | Pass   | 4.73                 | 5.00                       |
| 6345MHz                            | Pass   | 4.55                 | 5.00                       |
| 6505MHz                            | Pass   | 4.57                 | 5.00                       |
| 6665MHz                            | Pass   | 4.59                 | 5.00                       |
| 6825MHz                            | Pass   | 4.32                 | 5.00                       |
| 6985MHz                            | Pass   | 2.97                 | 5.00                       |
| 802.11be EHT320_Nss1,(MCS0)_2TX    | -      | -                    | -                          |
| 6105MHz                            | Pass   | 1.92                 | 5.00                       |
| 6265MHz                            | Pass   | 4.31                 | 5.00                       |
| 6425MHz                            | Pass   | 4.86                 | 5.00                       |
| 6585MHz                            | Pass   | 4.69                 | 5.00                       |
| 6745MHz                            | Pass   | 4.77                 | 5.00                       |
| 6905MHz                            | Pass   | 1.43                 | 5.00                       |
| 802.11be EHT20-BF_Nss1,(MCS0)_2TX  | -      | -                    | -                          |
| 5955MHz                            | Pass   | 4.89                 | 5.00                       |
| 6195MHz                            | Pass   | 4.45                 | 5.00                       |
| 6415MHz                            | Pass   | 4.29                 | 5.00                       |
| 6435MHz                            | Pass   | 4.49                 | 5.00                       |
| 6475MHz                            | Pass   | 4.37                 | 5.00                       |
| 6515MHz                            | Pass   | 4.40                 | 5.00                       |
| 6535MHz                            | Pass   | 4.94                 | 5.00                       |
| 6695MHz                            | Pass   | 4.70                 | 5.00                       |
| 6875MHz                            | Pass   | 4.38                 | 5.00                       |
| 6895MHz                            | Pass   | 4.45                 | 5.00                       |
| 6995MHz                            | Pass   | 4.55                 | 5.00                       |
| 7095MHz                            | Pass   | 4.90                 | 5.00                       |
| 7115MHz                            | Pass   | 1.33                 | 5.00                       |
| 802.11be EHT40-BF_Nss1,(MCS0)_2TX  | -      | -                    | -                          |
| 5965MHz                            | Pass   | 4.34                 | 5.00                       |
| 6205MHz                            | Pass   | 4.92                 | 5.00                       |
| 6405MHz                            | Pass   | 4.71                 | 5.00                       |
| 6445MHz                            | Pass   | 4.71                 | 5.00                       |
| 6485MHz                            | Pass   | 4.40                 | 5.00                       |
| 6525MHz                            | Pass   | 4.21                 | 5.00                       |
| 6565MHz                            | Pass   | 4.48                 | 5.00                       |
| 6685MHz                            | Pass   | 4.13                 | 5.00                       |
| 6885MHz                            | Pass   | 4.18                 | 5.00                       |
| 6925MHz                            | Pass   | 4.38                 | 5.00                       |
| 7005MHz                            | Pass   | 4.06                 | 5.00                       |
| 7085MHz                            | Pass   | 4.31                 | 5.00                       |
| 802.11be EHT80-BF_Nss1,(MCS0)_2TX  | -      | -                    | -                          |
| 5985MHz                            | Pass   | 4.05                 | 5.00                       |
| 6225MHz                            | Pass   | 4.74                 | 5.00                       |
| 6385MHz                            | Pass   | 4.32                 | 5.00                       |
| 6465MHz                            | Pass   | 4.74                 | 5.00                       |
| 6545MHz                            | Pass   | 4.29                 | 5.00                       |
| 6625MHz                            | Pass   | 4.51                 | 5.00                       |
| 6705MHz                            | Pass   | 4.77                 | 5.00                       |
| 6785MHz                            | Pass   | 4.43                 | 5.00                       |
| 6865MHz                            | Pass   | 4.26                 | 5.00                       |
| 6945MHz                            | Pass   | 4.16                 | 5.00                       |
| 7025MHz                            | Pass   | 4.73                 | 5.00                       |
| 802.11be EHT160-BF_Nss1,(MCS0)_2TX | -      | -                    | -                          |
| 6025MHz                            | Pass   | 2.75                 | 5.00                       |
| 6185MHz                            | Pass   | 2.71                 | 5.00                       |
| 6345MHz                            | Pass   | 2.34                 | 5.00                       |

| Mode                               | Result | EIRP PD<br>(dBm/RBW) | EIRP PD Limit<br>(dBm/RBW) |
|------------------------------------|--------|----------------------|----------------------------|
| 6505MHz                            | Pass   | 2.16                 | 5.00                       |
| 6665MHz                            | Pass   | 3.81                 | 5.00                       |
| 6825MHz                            | Pass   | 2.25                 | 5.00                       |
| 6985MHz                            | Pass   | 2.79                 | 5.00                       |
| 802.11be EHT320-BF_Nss1,(MCS0)_2TX | -      | -                    | -                          |
| 6105MHz                            | Pass   | -2.60                | 5.00                       |
| 6265MHz                            | Pass   | -2.34                | 5.00                       |
| 6425MHz                            | Pass   | -2.23                | 5.00                       |
| 6585MHz                            | Pass   | -2.04                | 5.00                       |
| 6745MHz                            | Pass   | -2.35                | 5.00                       |
| 6905MHz                            | Pass   | -2.98                | 5.00                       |

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.

20/01/2025

EIRP PSD;Band:6.2G;11a;BWch:20MHz;Nss:1,(6D);Nant:2;Ch:5955MHz;TX

CF Freq  
5.955GHz

Span  
30MHz

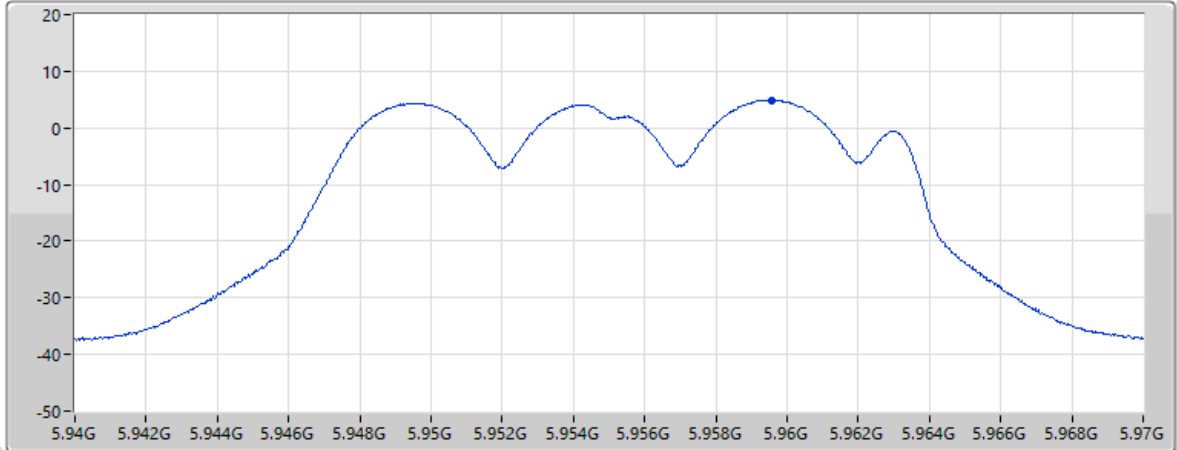
RBW  
1MHz

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]<br>Pr=Pmeas-Gr+Lc-Gamp |           |         |
| 4.93           |          |                                                             |           |         |
| Pmeas          | Gr (dBi) | Lc (dB)                                                     | Gamp (dB) | Lp (dB) |
| -14.44         | 11.12    | 8.13                                                        | 35.19     | 57.55   |

20/01/2025

EIRP PSD;Band:6.2G;11a;BWch:20MHz;Nss:1,(6D);Nant:2;Ch:6195MHz;TX

CF Freq  
6.195GHz

Span  
30MHz

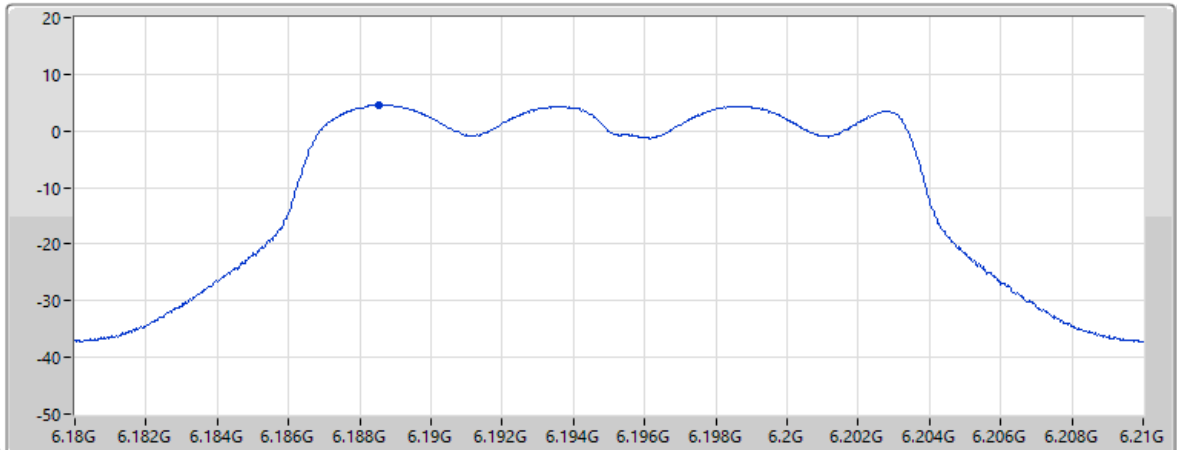
RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS

CP BW  
20MHz

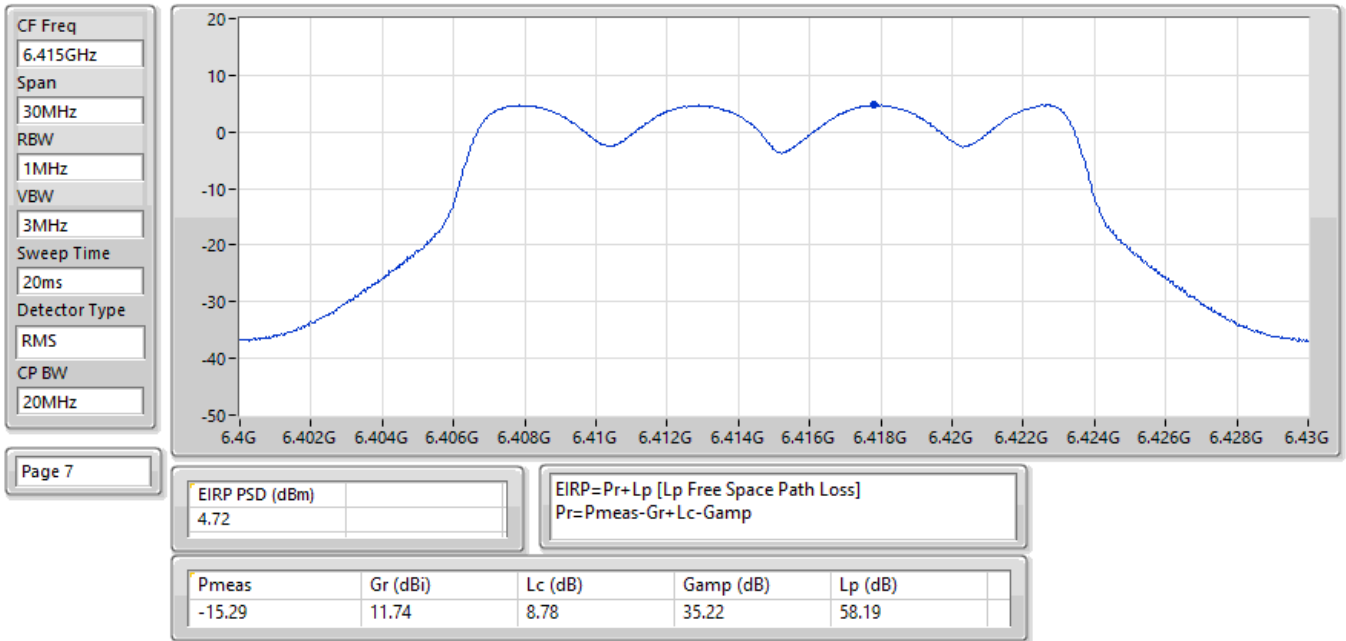


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|                |          |                                                             |           |         |
|----------------|----------|-------------------------------------------------------------|-----------|---------|
| EIRP PSD (dBm) |          | EIRP=Pr+Lp [Lp Free Space Path Loss]<br>Pr=Pmeas-Gr+Lc-Gamp |           |         |
| 4.66           |          |                                                             |           |         |
| Pmeas          | Gr (dBi) | Lc (dB)                                                     | Gamp (dB) | Lp (dB) |
| -15.36         | 11.10    | 8.45                                                        | 35.20     | 57.87   |

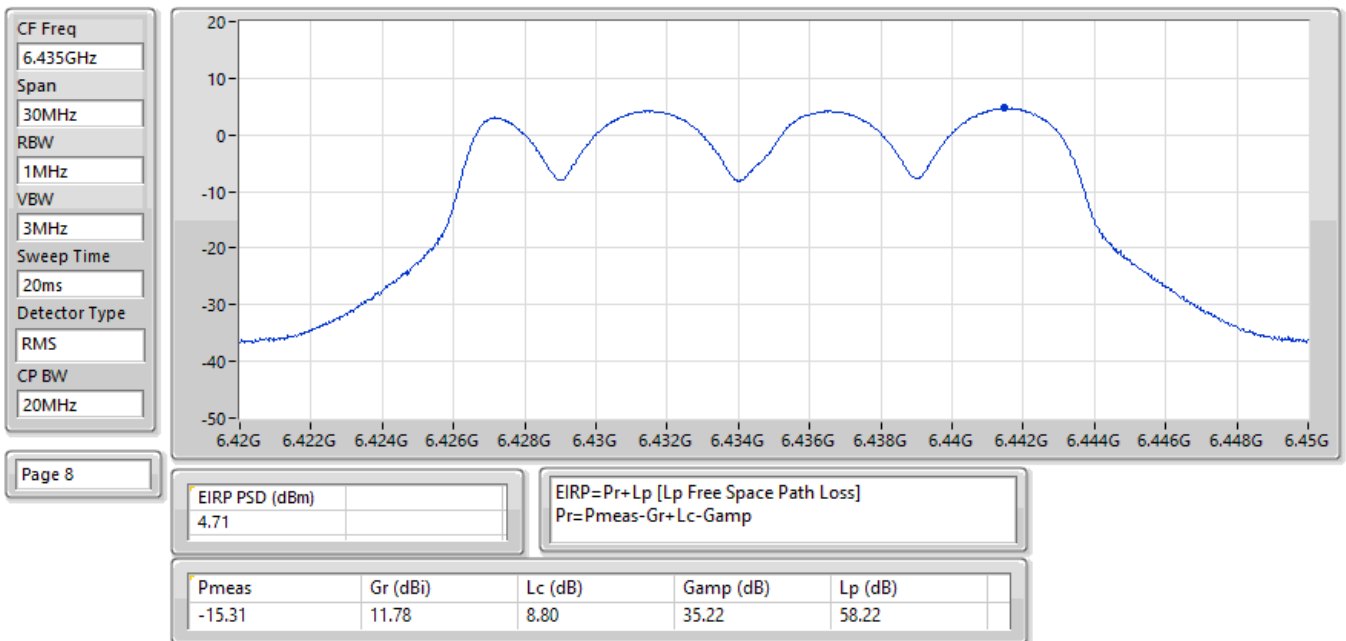
20/01/2025

EIRP PSD;Band:6.2G;11a;BWch:20MHz;Nss:1,(6D);Nant:2;Ch:6415MHz;TX



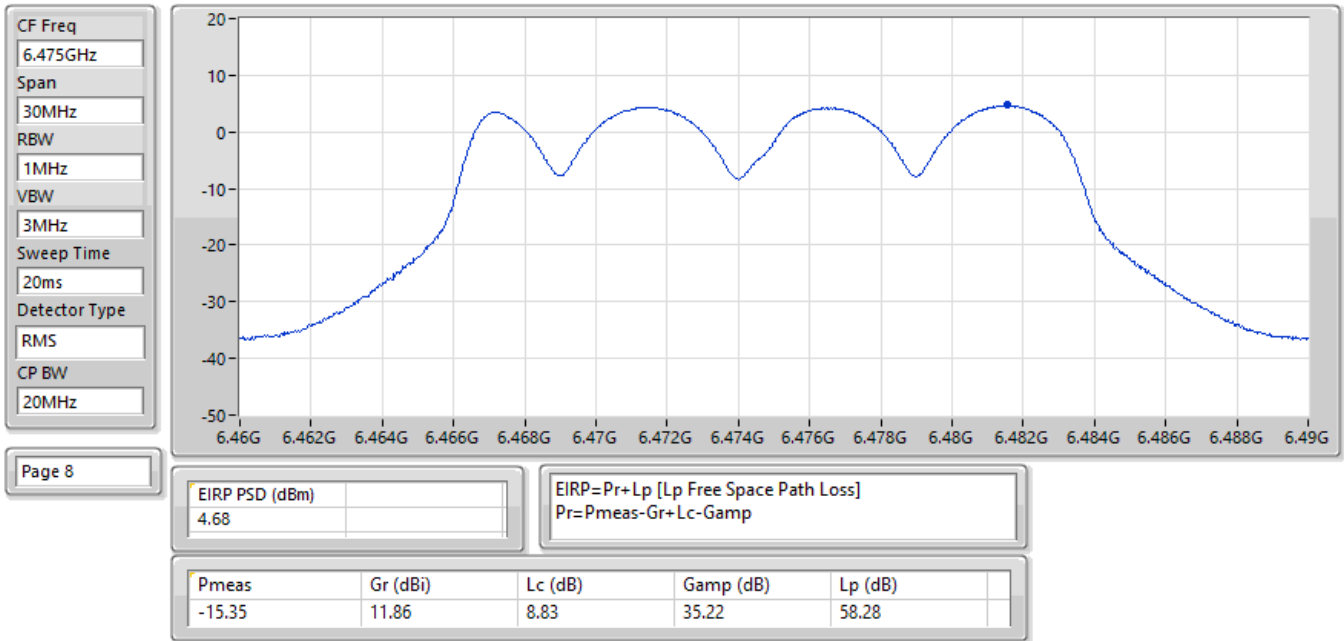
20/01/2025

EIRP PSD;Band:6.4G;11a;BWch:20MHz;Nss:1,(6D);Nant:2;Ch:6435MHz;TX



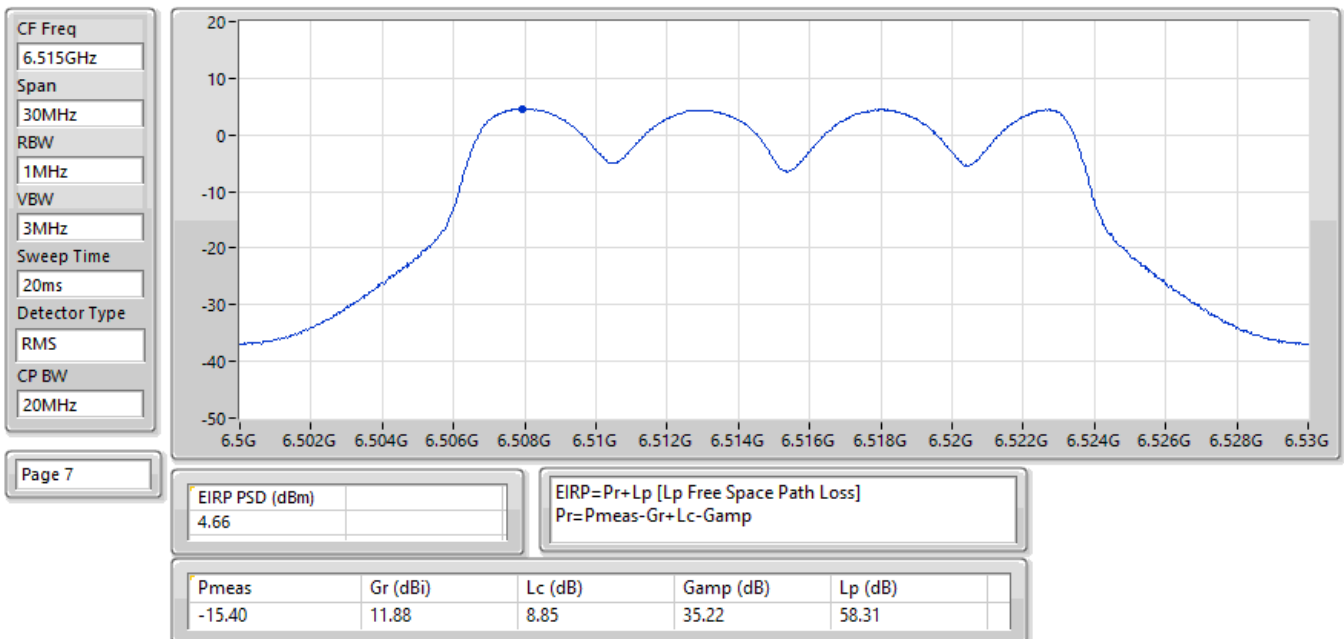
20/01/2025

EIRP PSD;Band:6.4G;11a;BWch:20MHz;Nss:1,(6D);Nant:2;Ch:6475MHz;TX



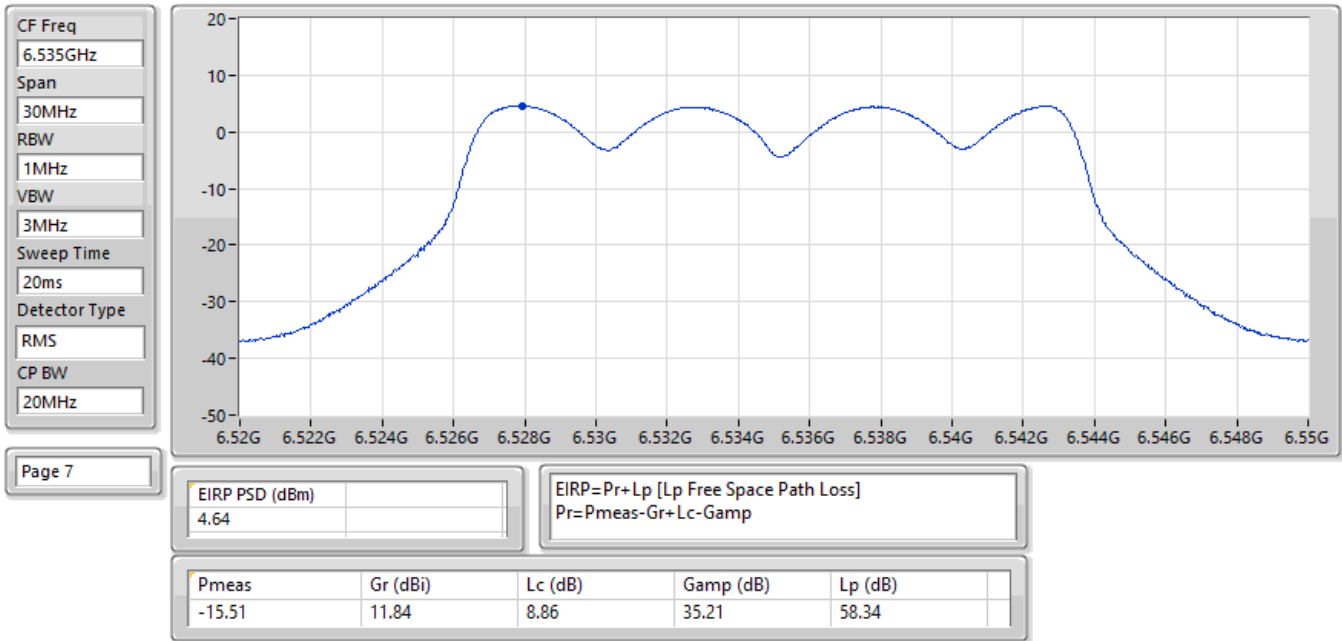
20/01/2025

EIRP PSD;Band:6.4G;11a;BWch:20MHz;Nss:1,(6D);Nant:2;Ch:6515MHz;TX



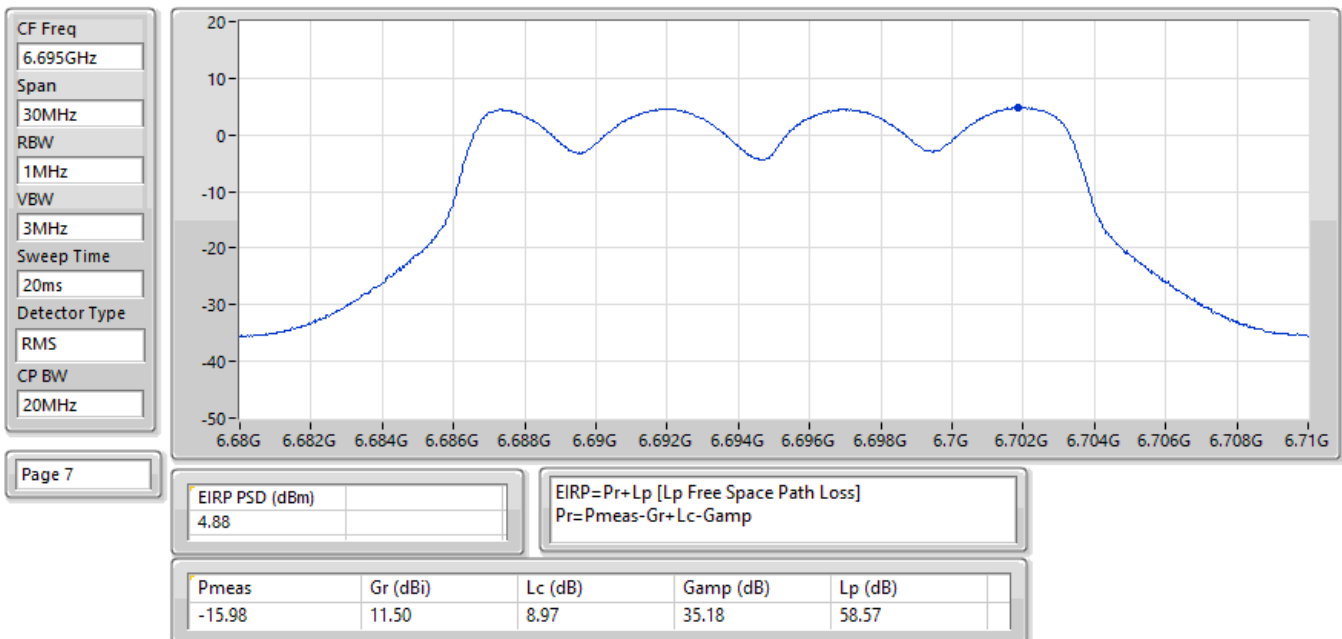
20/01/2025

EIRP PSD;Band:6.7G;11a;BWch:20MHz;Nss:1,(6D);Nant:2;Ch:6535MHz;TX



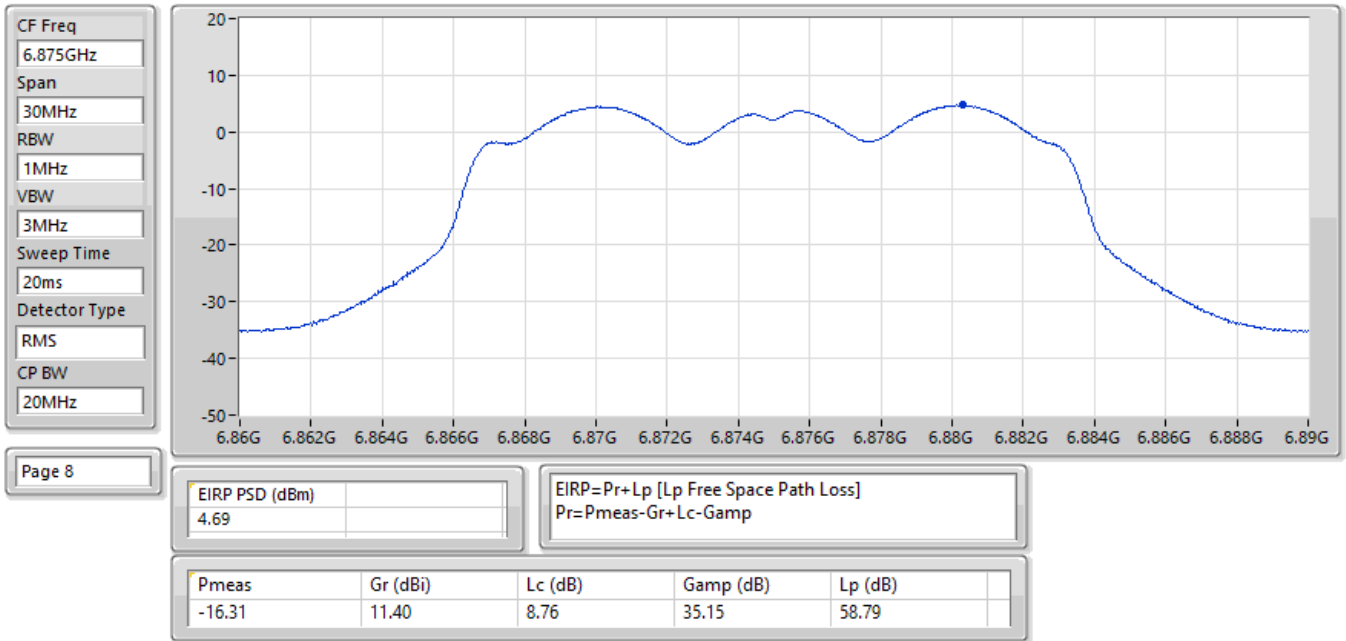
20/01/2025

EIRP PSD;Band:6.7G;11a;BWch:20MHz;Nss:1,(6D);Nant:2;Ch:6695MHz;TX



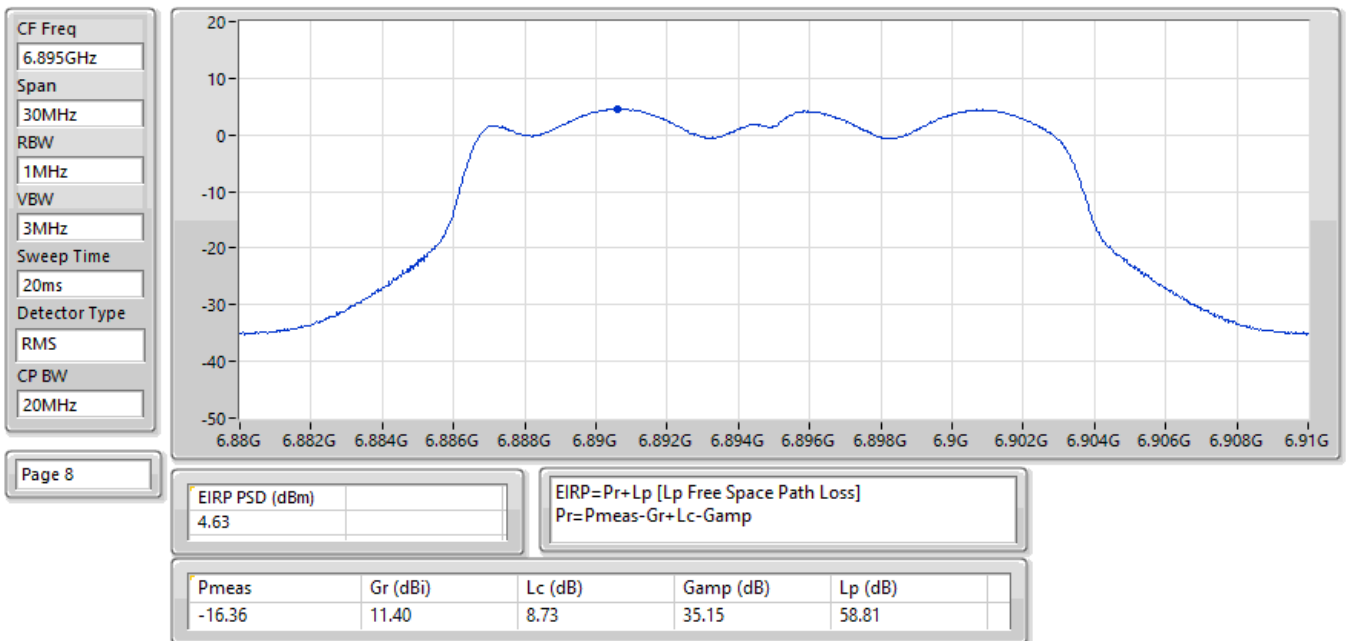
20/01/2025

EIRP PSD;Band:6.7G;11a;BWch:20MHz;Nss:1,(6D);Nant:2;Ch:6875MHz;TX



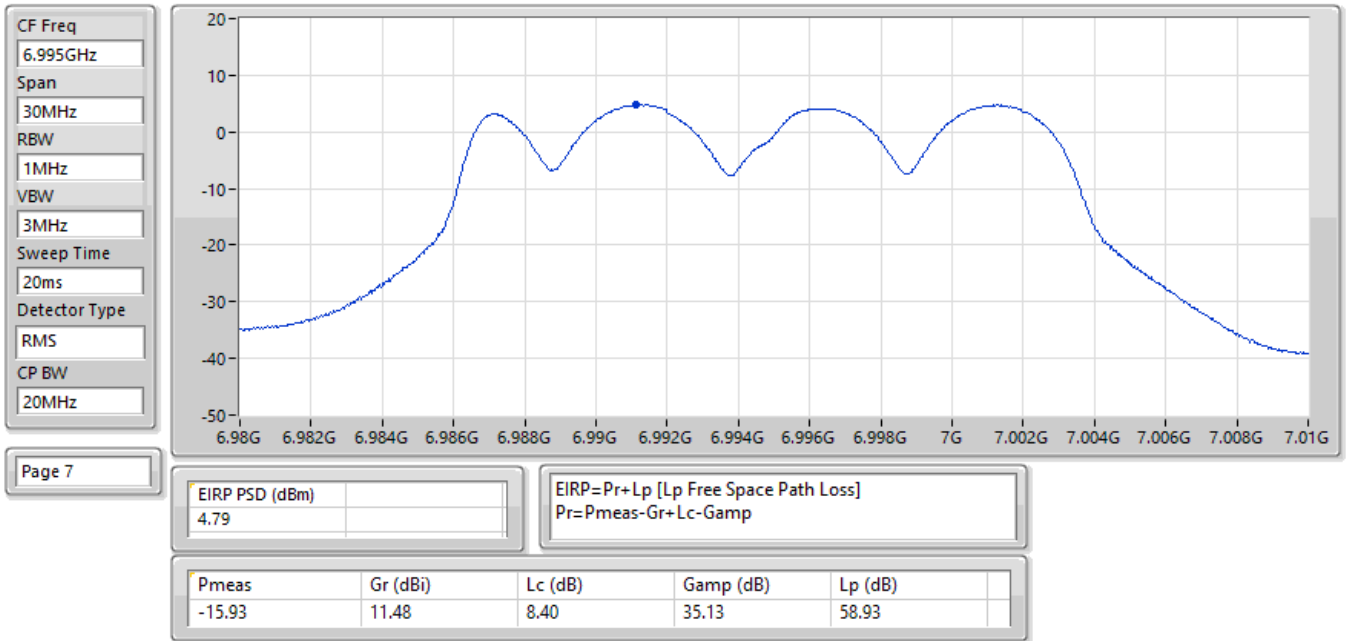
20/01/2025

EIRP PSD;Band:7.0G;11a;BWch:20MHz;Nss:1,(6D);Nant:2;Ch:6895MHz;TX



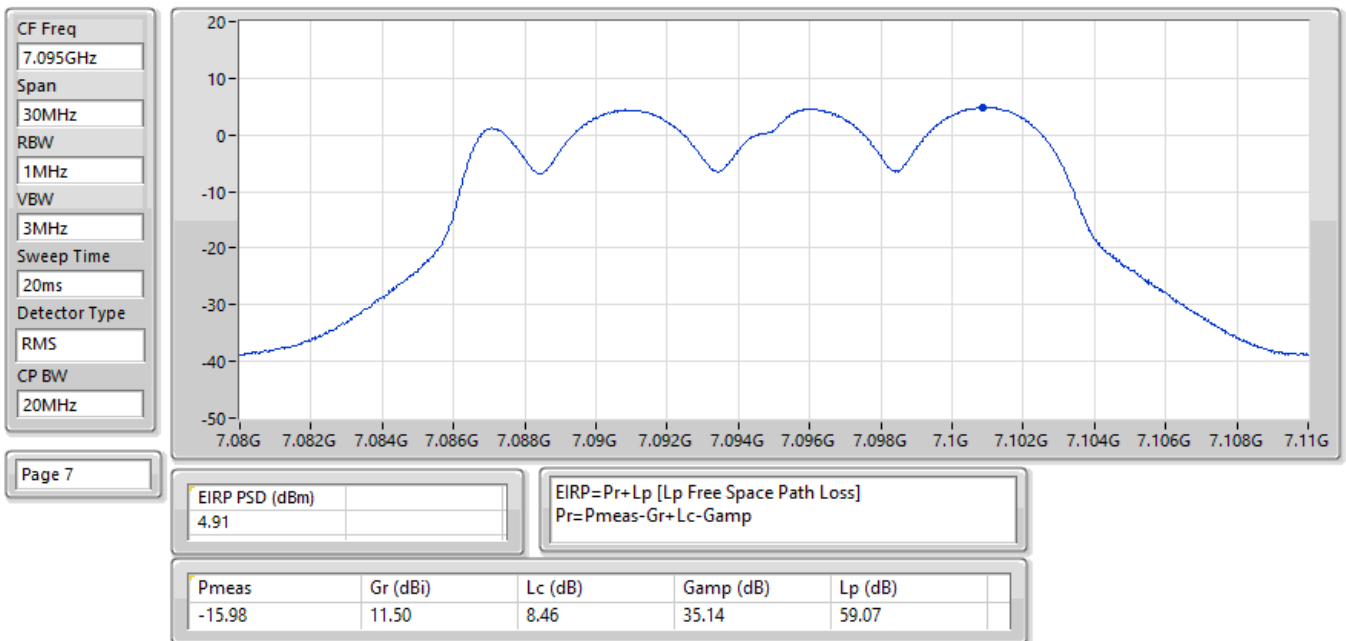
20/01/2025

EIRP PSD;Band:7.0G;11a;BWch:20MHz;Nss:1,(6D);Nant:2;Ch:6995MHz;TX



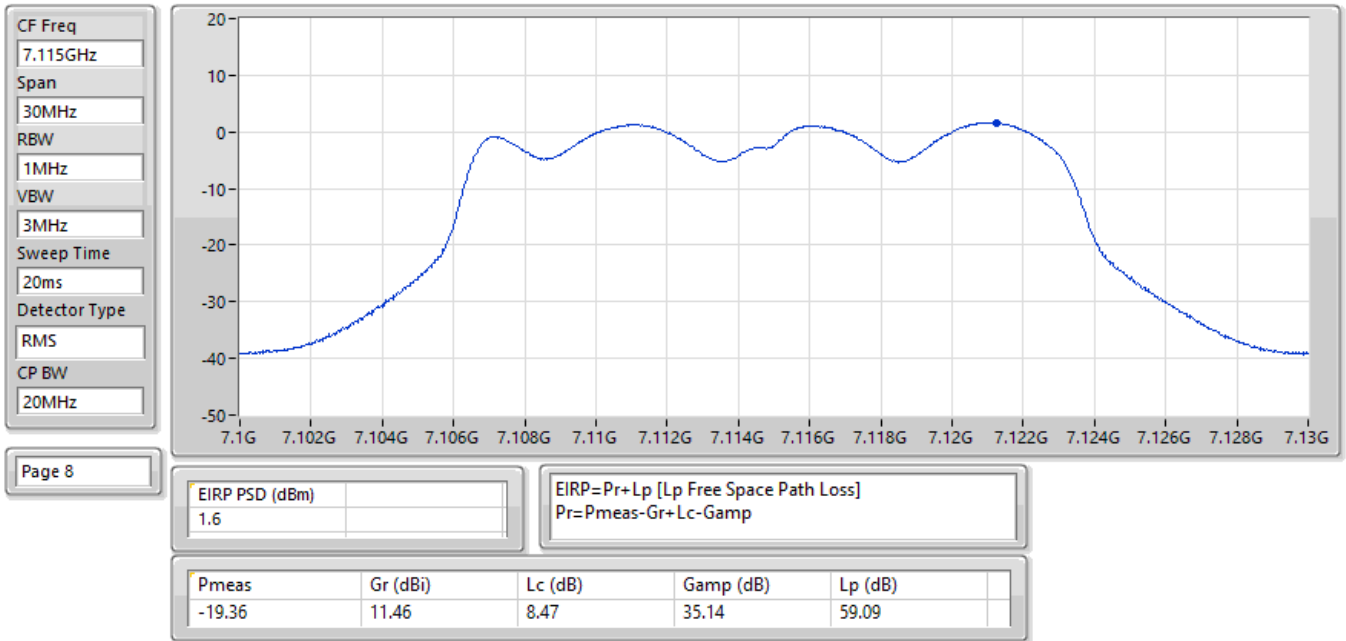
20/01/2025

EIRP PSD;Band:7.0G;11a;BWch:20MHz;Nss:1,(6D);Nant:2;Ch:7095MHz;TX



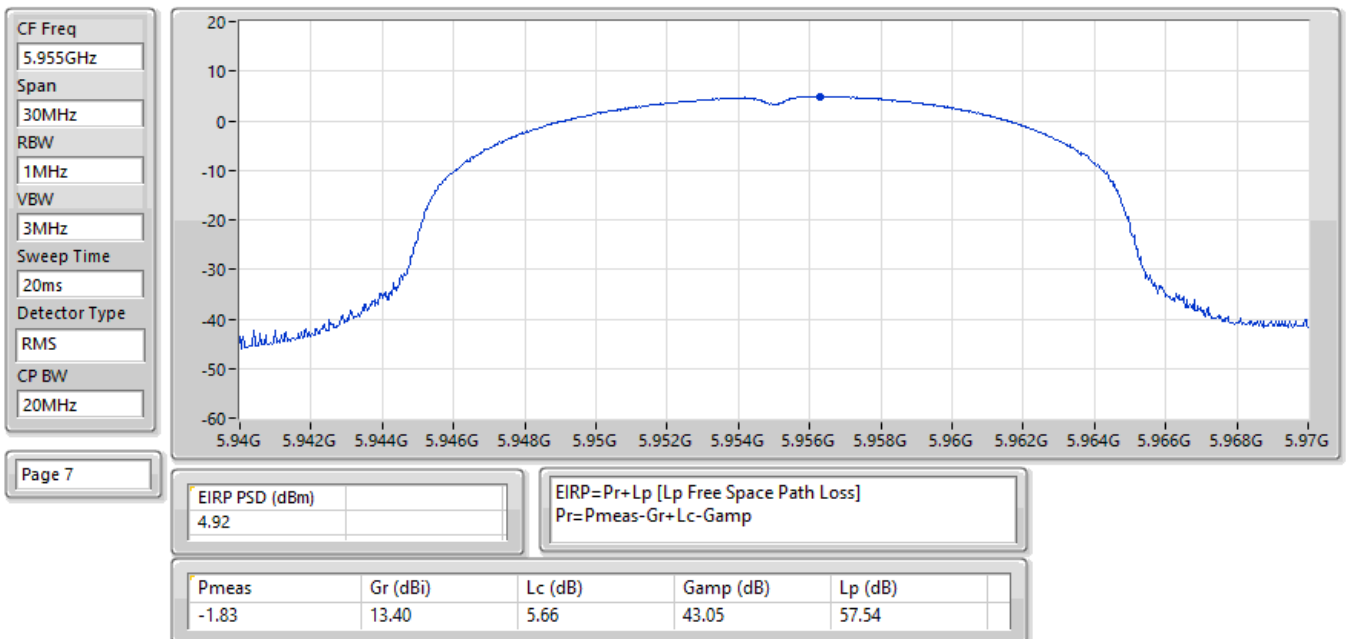
20/01/2025

EIRP PSD;Band:7.0G;11a;BWch:20MHz;Nss:1,(6D);Nant:2;Ch:7115MHz;TX



18/01/2025

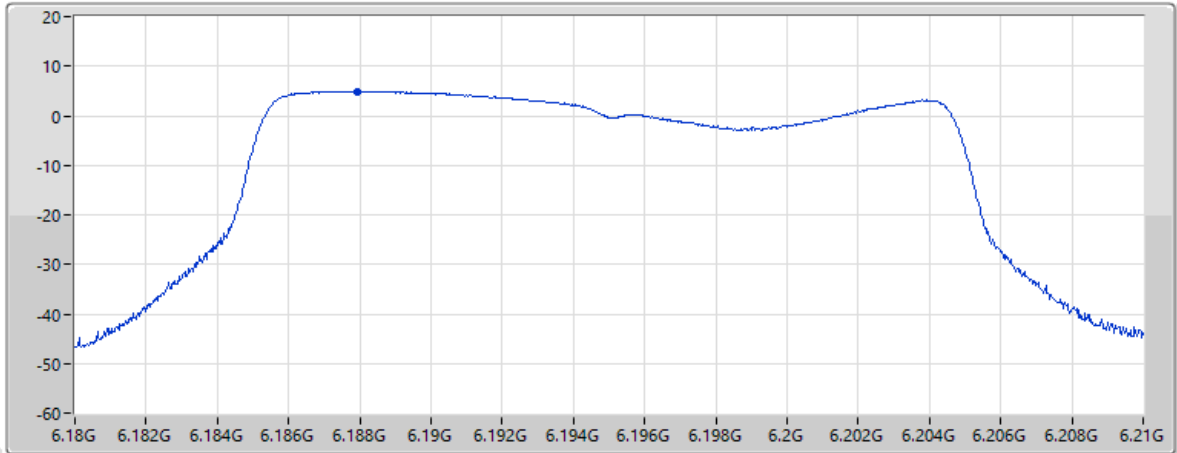
EIRP PSD;Band:6.2G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:5955MHz;TX



18/01/2025

EIRP PSD;Band:6.2G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6195MHz;TX

CF Freq  
6.195GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS  
CP BW  
20MHz



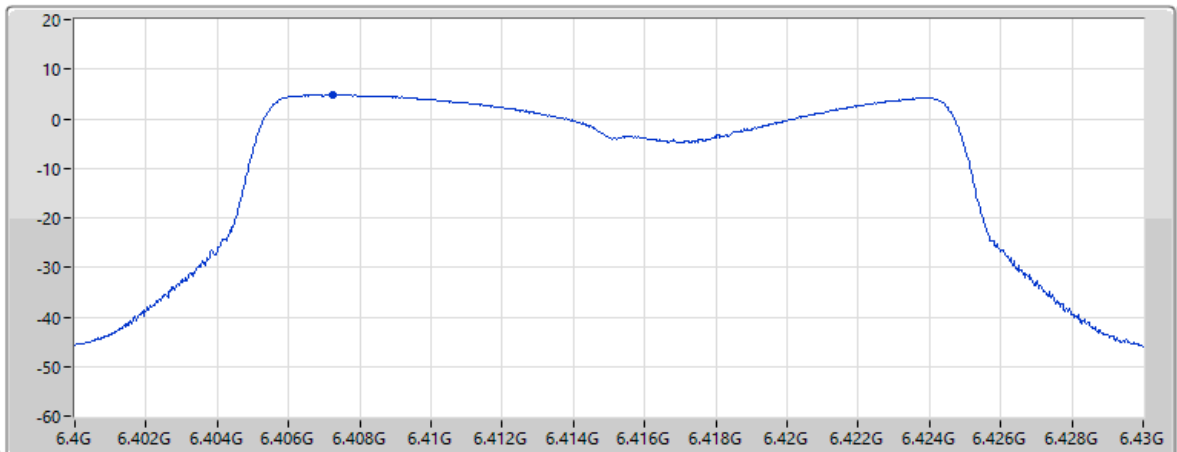
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| EIRP PSD (dBm) | EIRP=Pr+Lp [Lp Free Space Path Loss]<br>Pr=Pmeas-Gr+Lc-Gamp |         |           |         |
|----------------|-------------------------------------------------------------|---------|-----------|---------|
| 4.9            |                                                             |         |           |         |
| Pmeas          | Gr (dBi)                                                    | Lc (dB) | Gamp (dB) | Lp (dB) |
| -2.56          | 13.32                                                       | 5.88    | 42.97     | 57.87   |

18/01/2025

EIRP PSD;Band:6.2G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6415MHz;TX

CF Freq  
6.415GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS  
CP BW  
20MHz



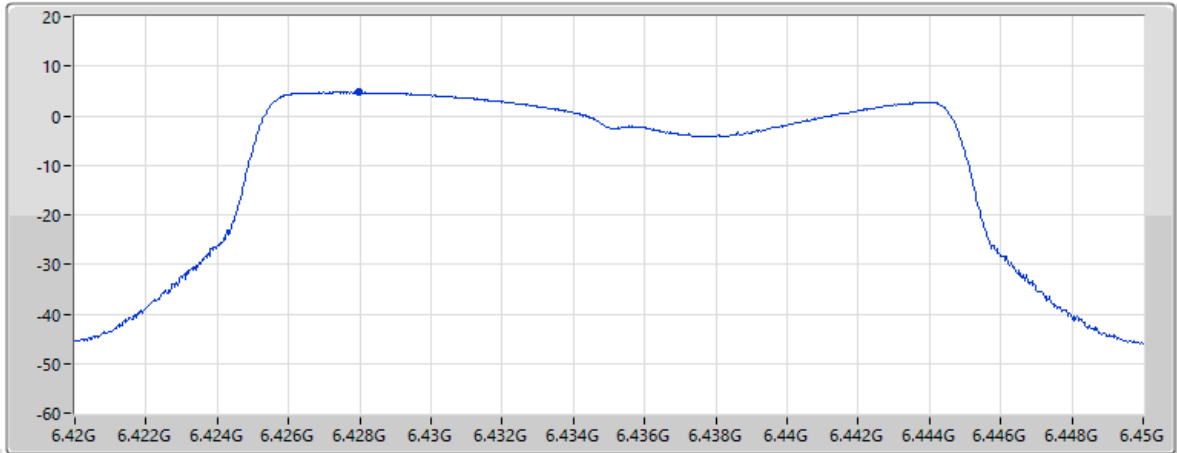
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| EIRP PSD (dBm) | EIRP=Pr+Lp [Lp Free Space Path Loss]<br>Pr=Pmeas-Gr+Lc-Gamp |         |           |         |
|----------------|-------------------------------------------------------------|---------|-----------|---------|
| 4.84           |                                                             |         |           |         |
| Pmeas          | Gr (dBi)                                                    | Lc (dB) | Gamp (dB) | Lp (dB) |
| -4.05          | 12.87                                                       | 6.47    | 42.89     | 58.18   |

18/01/2025

EIRP PSD;Band:6.4G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6435MHz;TX

CF Freq  
6.435GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS  
CP BW  
20MHz



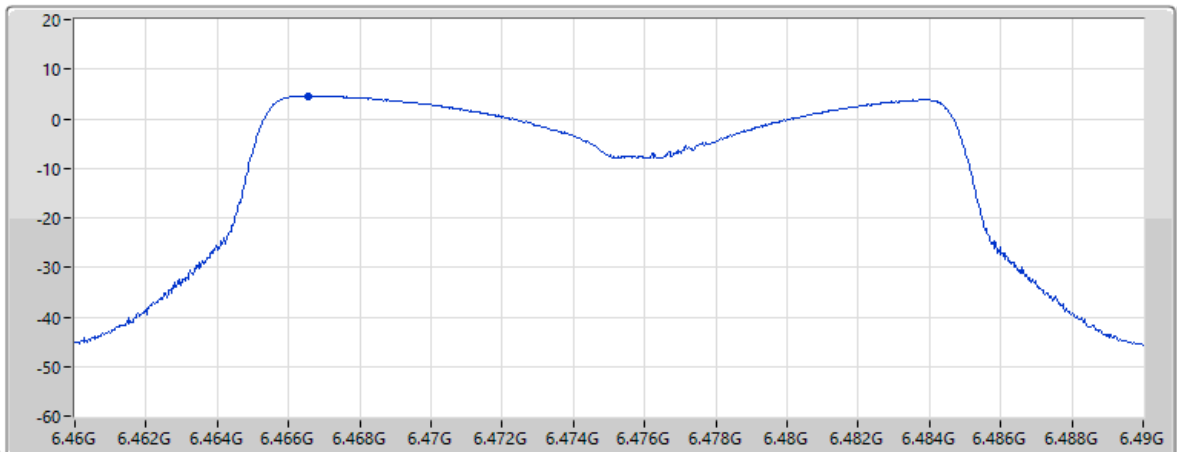
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|                |          |                                                             |           |         |
|----------------|----------|-------------------------------------------------------------|-----------|---------|
| EIRP PSD (dBm) | 4.79     | EIRP=Pr+Lp [Lp Free Space Path Loss]<br>Pr=Pmeas-Gr+Lc-Gamp |           |         |
| Pmeas          | Gr (dBi) | Lc (dB)                                                     | Gamp (dB) | Lp (dB) |
| -4.27          | 12.79    | 6.53                                                        | 42.88     | 58.20   |

18/01/2025

EIRP PSD;Band:6.4G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6475MHz;TX

CF Freq  
6.475GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS  
CP BW  
20MHz



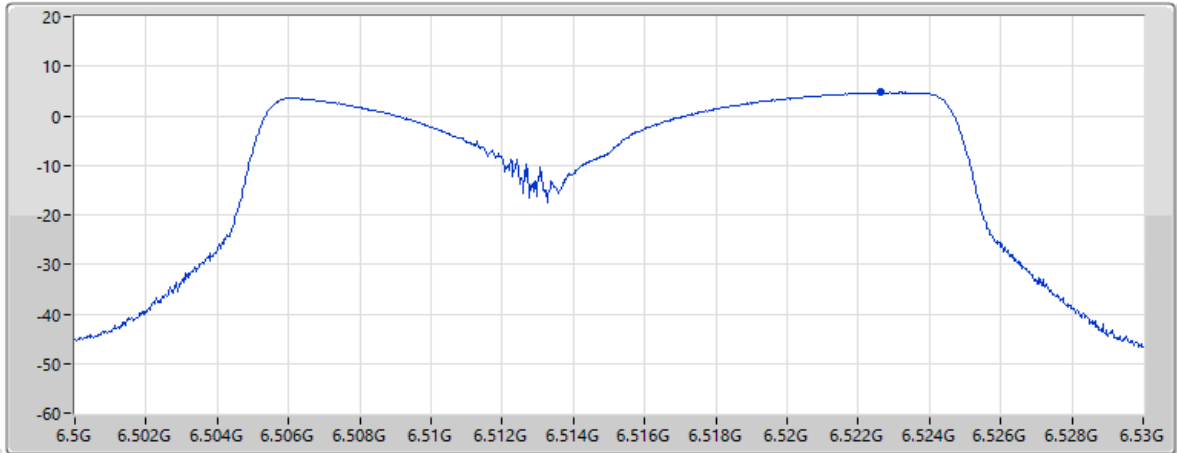
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|                |          |                                                             |           |         |
|----------------|----------|-------------------------------------------------------------|-----------|---------|
| EIRP PSD (dBm) | 4.54     | EIRP=Pr+Lp [Lp Free Space Path Loss]<br>Pr=Pmeas-Gr+Lc-Gamp |           |         |
| Pmeas          | Gr (dBi) | Lc (dB)                                                     | Gamp (dB) | Lp (dB) |
| -4.81          | 12.67    | 6.63                                                        | 42.87     | 58.26   |

18/01/2025

EIRP PSD;Band:6.4G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6515MHz;TX

CF Freq  
6.515GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS  
CP BW  
20MHz



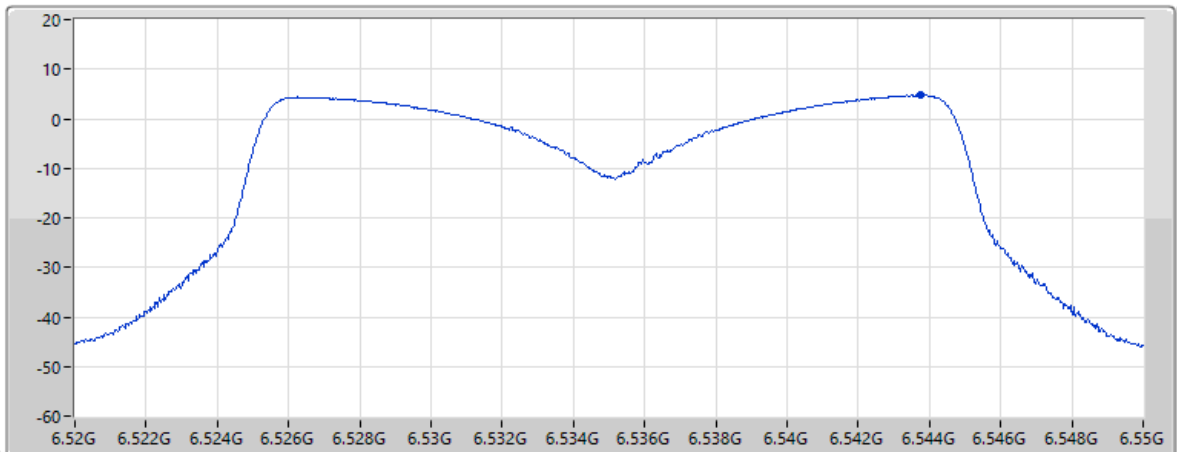
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|                |          |                                                             |           |         |
|----------------|----------|-------------------------------------------------------------|-----------|---------|
| EIRP PSD (dBm) | 4.71     | EIRP=Pr+Lp [Lp Free Space Path Loss]<br>Pr=Pmeas-Gr+Lc-Gamp |           |         |
| Pmeas          | Gr (dBi) | Lc (dB)                                                     | Gamp (dB) | Lp (dB) |
| -5.02          | 12.55    | 6.79                                                        | 42.84     | 58.33   |

18/01/2025

EIRP PSD;Band:6.7G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6535MHz;TX

CF Freq  
6.535GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS  
CP BW  
20MHz



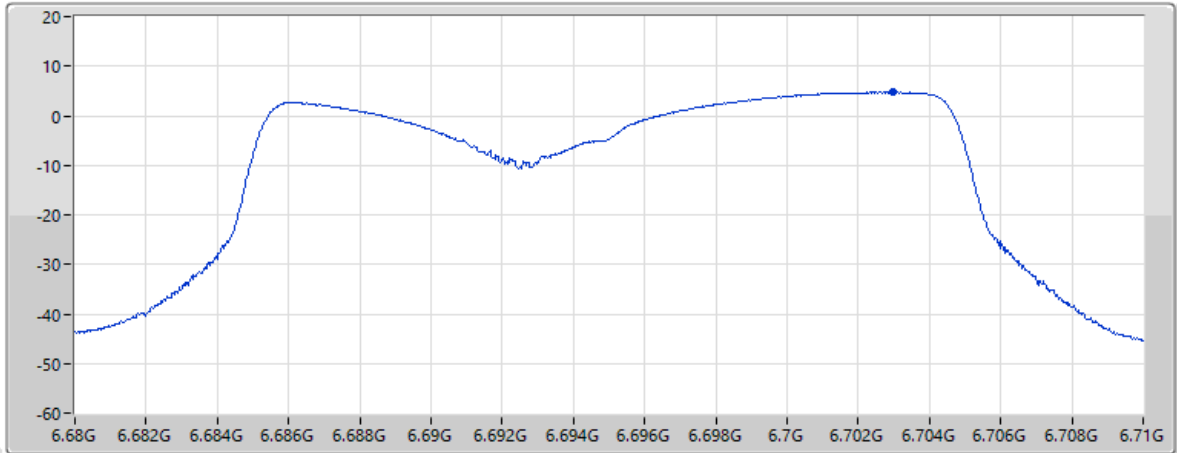
Page 7

|                |          |                                                             |           |         |
|----------------|----------|-------------------------------------------------------------|-----------|---------|
| EIRP PSD (dBm) | 4.81     | EIRP=Pr+Lp [Lp Free Space Path Loss]<br>Pr=Pmeas-Gr+Lc-Gamp |           |         |
| Pmeas          | Gr (dBi) | Lc (dB)                                                     | Gamp (dB) | Lp (dB) |
| -5.08          | 12.51    | 6.85                                                        | 42.81     | 58.36   |

18/01/2025

EIRP PSD;Band:6.7G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6695MHz;TX

CF Freq  
6.695GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS  
CP BW  
20MHz



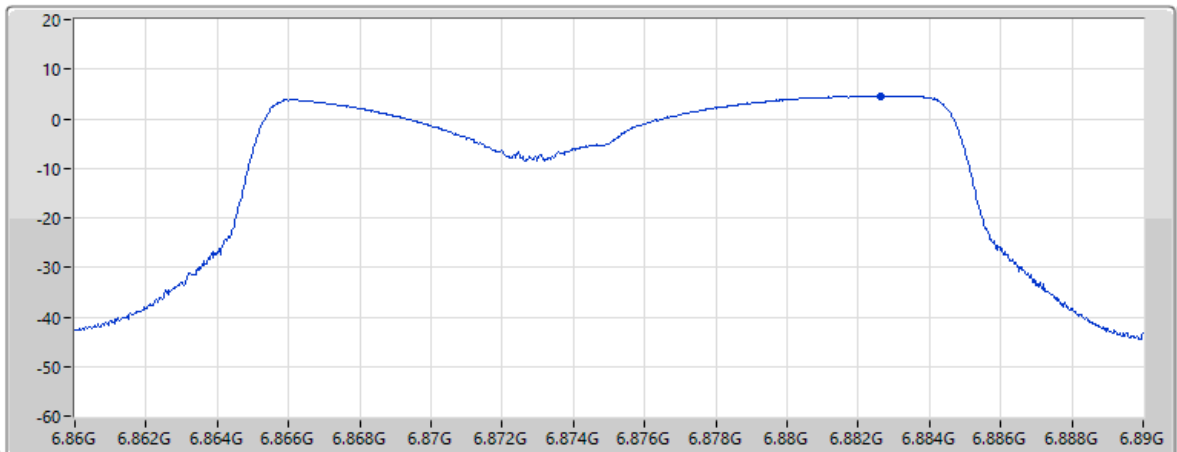
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|                |                                                             |         |           |         |
|----------------|-------------------------------------------------------------|---------|-----------|---------|
| EIRP PSD (dBm) | EIRP=Pr+Lp [Lp Free Space Path Loss]<br>Pr=Pmeas-Gr+Lc-Gamp |         |           |         |
| 4.76           |                                                             |         |           |         |
| Pmeas          | Gr (dBi)                                                    | Lc (dB) | Gamp (dB) | Lp (dB) |
| -5.58          | 12.61                                                       | 7.02    | 42.64     | 58.57   |

18/01/2025

EIRP PSD;Band:6.7G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6875MHz;TX

CF Freq  
6.875GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS  
CP BW  
20MHz



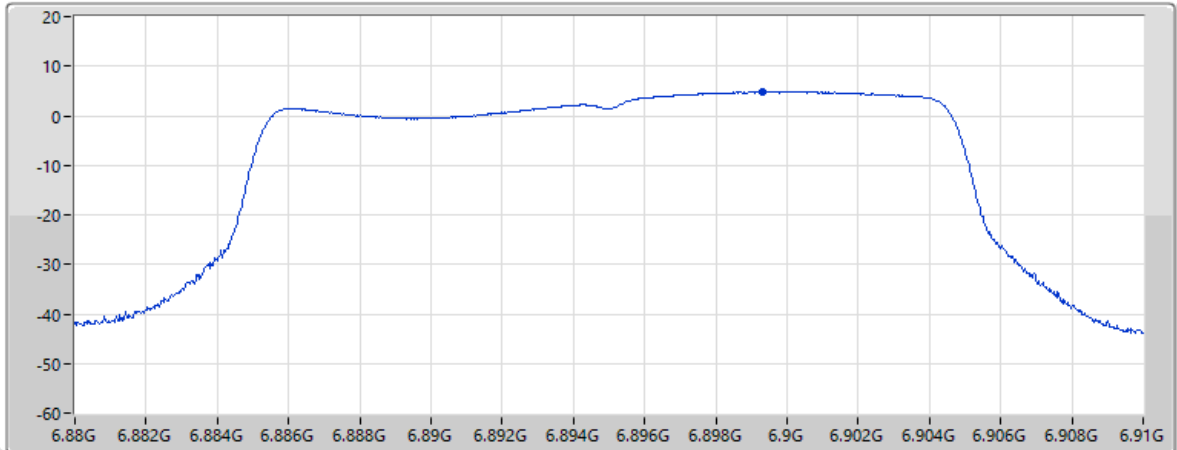
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|                |                                                             |         |           |         |
|----------------|-------------------------------------------------------------|---------|-----------|---------|
| EIRP PSD (dBm) | EIRP=Pr+Lp [Lp Free Space Path Loss]<br>Pr=Pmeas-Gr+Lc-Gamp |         |           |         |
| 4.62           |                                                             |         |           |         |
| Pmeas          | Gr (dBi)                                                    | Lc (dB) | Gamp (dB) | Lp (dB) |
| -6.36          | 12.50                                                       | 7.12    | 42.44     | 58.80   |

17/01/2025

EIRP PSD;Band:7.0G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6895MHz;TX

CF Freq  
6.895GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS  
CP BW  
20MHz



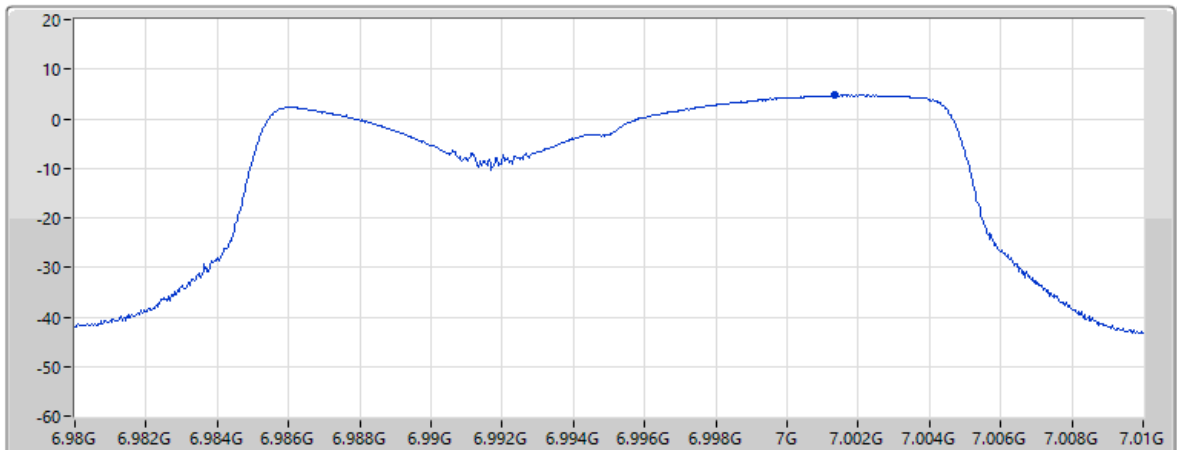
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| EIRP PSD (dBm) | EIRP=Pr+Lp [Lp Free Space Path Loss]<br>Pr=Pmeas-Gr+Lc-Gamp |         |           |         |
|----------------|-------------------------------------------------------------|---------|-----------|---------|
| 4.83           |                                                             |         |           |         |
| Pmeas          | Gr (dBi)                                                    | Lc (dB) | Gamp (dB) | Lp (dB) |
| -6.31          | 12.40                                                       | 7.14    | 42.42     | 58.82   |

18/01/2025

EIRP PSD;Band:7.0G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:6995MHz;TX

CF Freq  
6.995GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS  
CP BW  
20MHz



Page 7

| EIRP PSD (dBm) | EIRP=Pr+Lp [Lp Free Space Path Loss]<br>Pr=Pmeas-Gr+Lc-Gamp |         |           |         |
|----------------|-------------------------------------------------------------|---------|-----------|---------|
| 4.72           |                                                             |         |           |         |
| Pmeas          | Gr (dBi)                                                    | Lc (dB) | Gamp (dB) | Lp (dB) |
| -7.08          | 12.09                                                       | 7.25    | 42.31     | 58.95   |

18/01/2025

EIRP PSD;Band:7.0G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:7095MHz;TX

CF Freq  
7.095GHz

Span  
30MHz

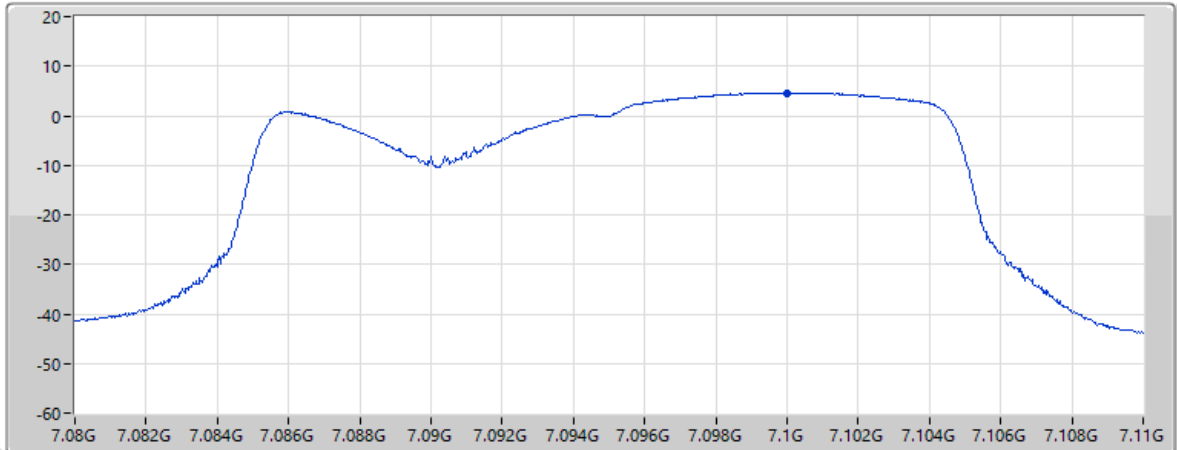
RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS

CP BW  
20MHz



Page 7

| EIRP PSD (dBm) | EIRP=Pr+Lp [Lp Free Space Path Loss]<br>Pr=Pmeas-Gr+Lc-Gamp |         |           |         |
|----------------|-------------------------------------------------------------|---------|-----------|---------|
| 4.64           |                                                             |         |           |         |
| Pmeas          | Gr (dBi)                                                    | Lc (dB) | Gamp (dB) | Lp (dB) |
| -7.70          | 11.50                                                       | 7.23    | 42.46     | 59.07   |

20/01/2025

EIRP PSD;Band:7.0G;be20;BWch:20MHz;Nss:1,(M0);Nant:2;Ch:7115MHz;TX

CF Freq  
7.115GHz

Span  
30MHz

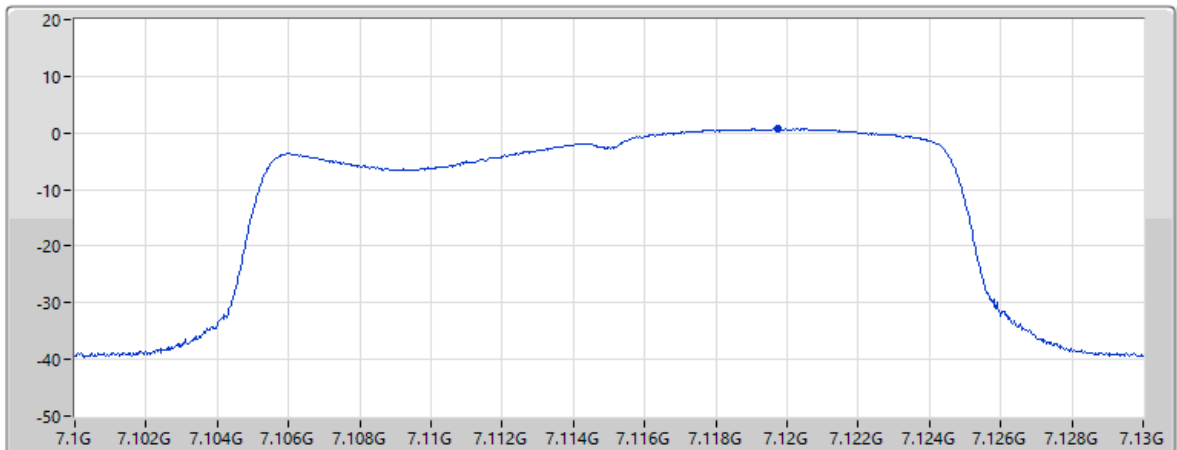
RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS

CP BW  
20MHz



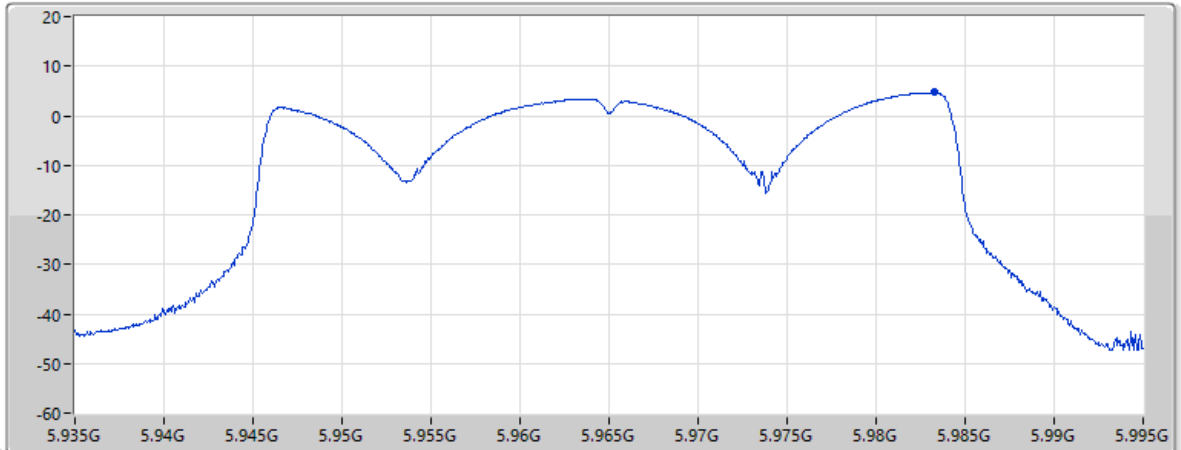
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| EIRP PSD (dBm) | EIRP=Pr+Lp [Lp Free Space Path Loss]<br>Pr=Pmeas-Gr+Lc-Gamp |         |           |         |
|----------------|-------------------------------------------------------------|---------|-----------|---------|
| 0.75           |                                                             |         |           |         |
| Pmeas          | Gr (dBi)                                                    | Lc (dB) | Gamp (dB) | Lp (dB) |
| -20.21         | 11.46                                                       | 8.47    | 35.14     | 59.09   |

18/01/2025

EIRP PSD;Band:6.2G;be40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:5965MHz;TX

CF Freq  
5.965GHz  
Span  
60MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS  
CP BW  
40MHz



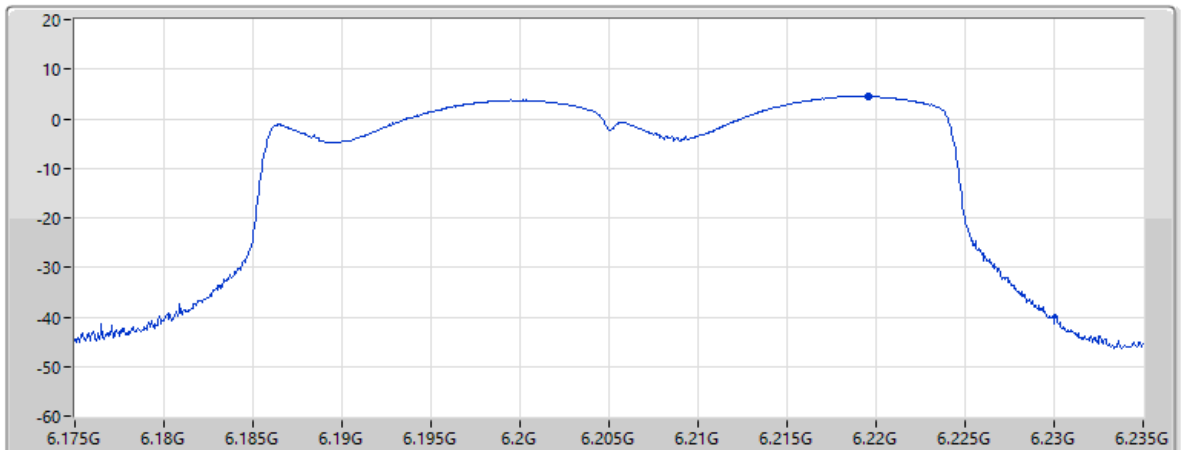
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|                |          |                                                             |           |         |
|----------------|----------|-------------------------------------------------------------|-----------|---------|
| EIRP PSD (dBm) |          | EIRP=Pr+Lp [Lp Free Space Path Loss]<br>Pr=Pmeas-Gr+Lc-Gamp |           |         |
| 4.65           |          |                                                             |           |         |
| Pmeas          | Gr (dBi) | Lc (dB)                                                     | Gamp (dB) | Lp (dB) |
| -2.17          | 13.40    | 5.68                                                        | 43.04     | 57.58   |

18/01/2025

EIRP PSD;Band:6.2G;be40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6205MHz;TX

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



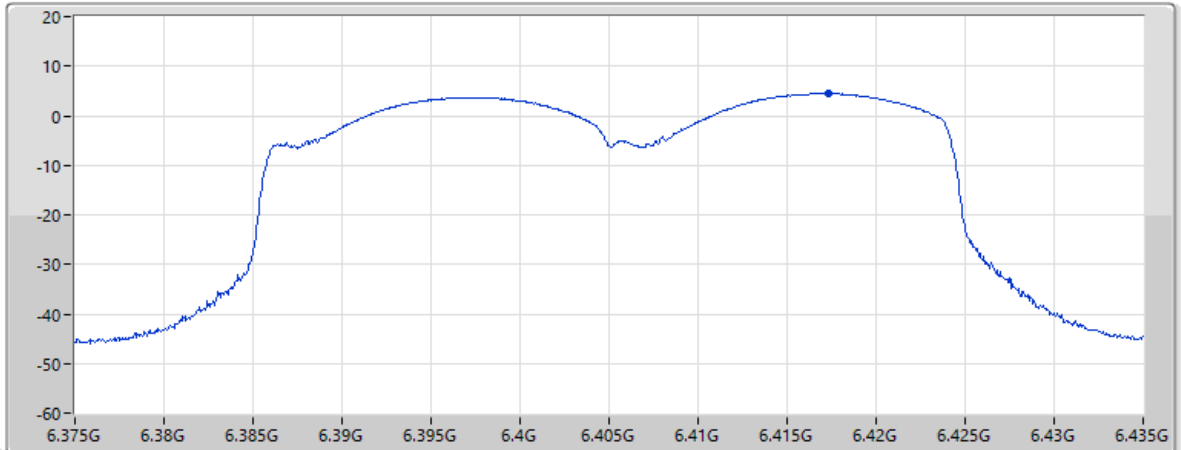
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|                |          |                                                             |           |         |
|----------------|----------|-------------------------------------------------------------|-----------|---------|
| EIRP PSD (dBm) |          | EIRP=Pr+Lp [Lp Free Space Path Loss]<br>Pr=Pmeas-Gr+Lc-Gamp |           |         |
| 4.55           |          |                                                             |           |         |
| Pmeas          | Gr (dBi) | Lc (dB)                                                     | Gamp (dB) | Lp (dB) |
| -3.13          | 13.22    | 5.94                                                        | 42.96     | 57.92   |

18/01/2025

EIRP PSD;Band:6.2G;be40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6405MHz;TX

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



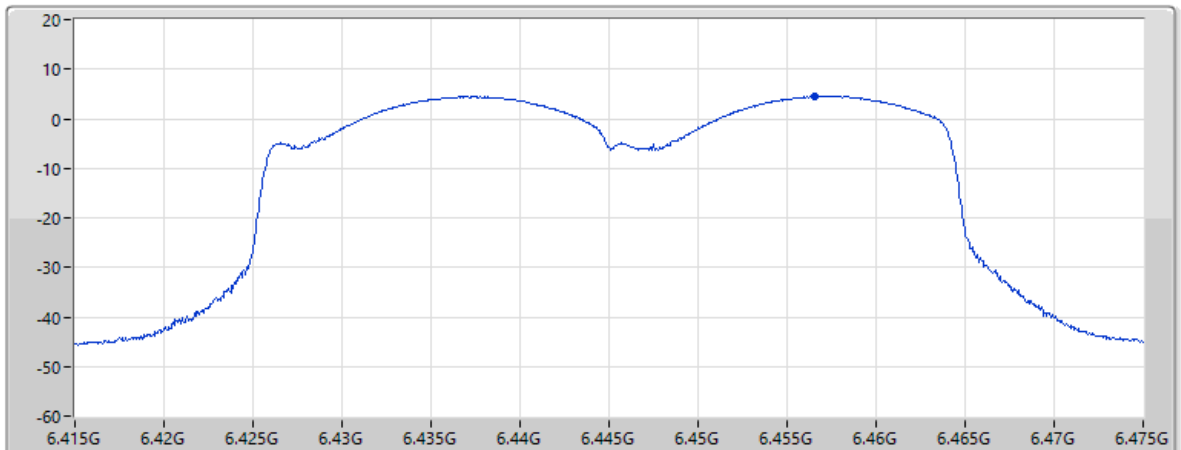
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| EIRP PSD (dBm) | EIRP=Pr+Lp [Lp Free Space Path Loss]<br>Pr=Pmeas-Gr+Lc-Gamp |         |           |         |
|----------------|-------------------------------------------------------------|---------|-----------|---------|
| 4.51           |                                                             |         |           |         |
| Pmeas          | Gr (dBi)                                                    | Lc (dB) | Gamp (dB) | Lp (dB) |
| -4.46          | 12.83                                                       | 6.50    | 42.89     | 58.19   |

18/01/2025

EIRP PSD;Band:6.4G;be40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6445MHz;TX

CF Freq  
6.445GHz  
Span  
60MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS  
CP BW  
40MHz

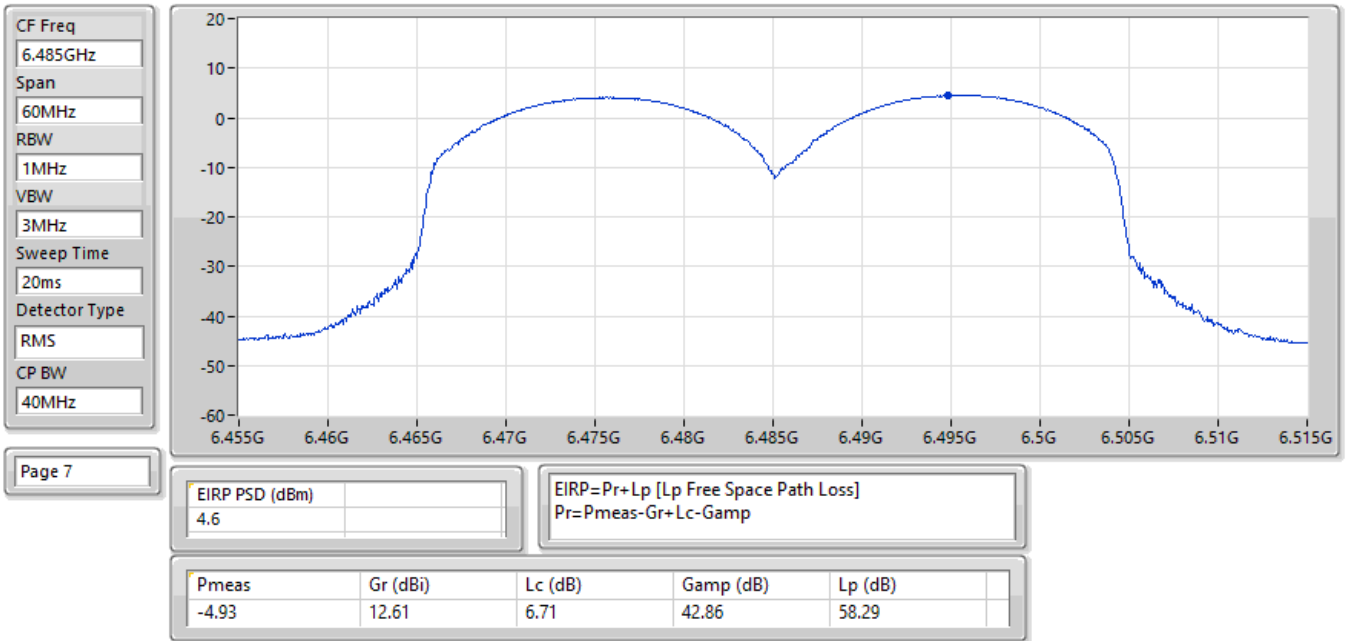


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| EIRP PSD (dBm) | EIRP=Pr+Lp [Lp Free Space Path Loss]<br>Pr=Pmeas-Gr+Lc-Gamp |         |           |         |
|----------------|-------------------------------------------------------------|---------|-----------|---------|
| 4.55           |                                                             |         |           |         |
| Pmeas          | Gr (dBi)                                                    | Lc (dB) | Gamp (dB) | Lp (dB) |
| -4.74          | 12.69                                                       | 6.61    | 42.87     | 58.24   |

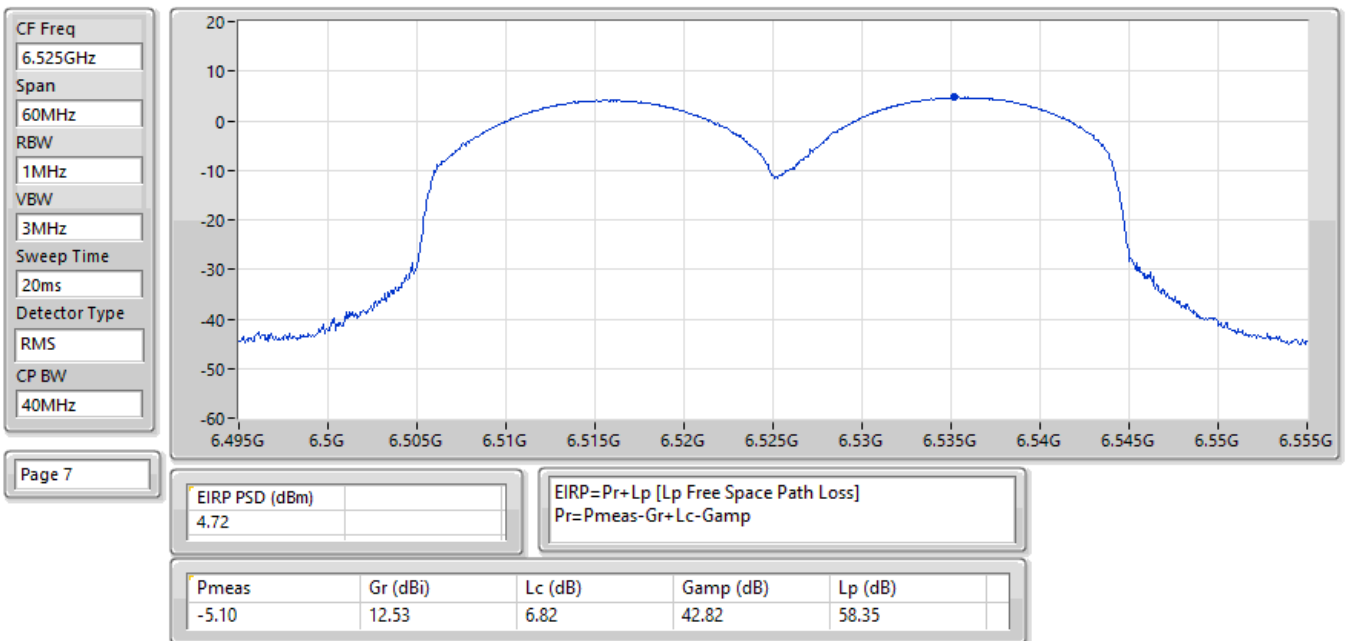
18/01/2025

EIRP PSD;Band:6.4G;be40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6485MHz;TX



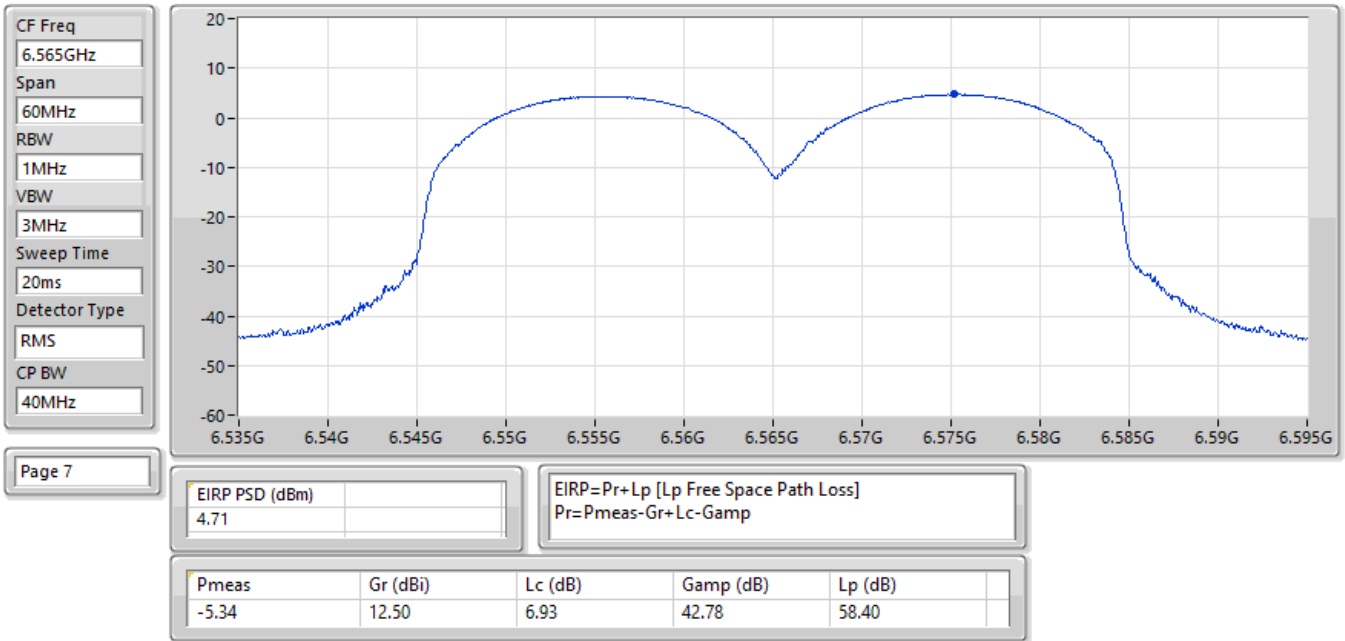
18/01/2025

EIRP PSD;Band:6.4G;be40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6525MHz;TX



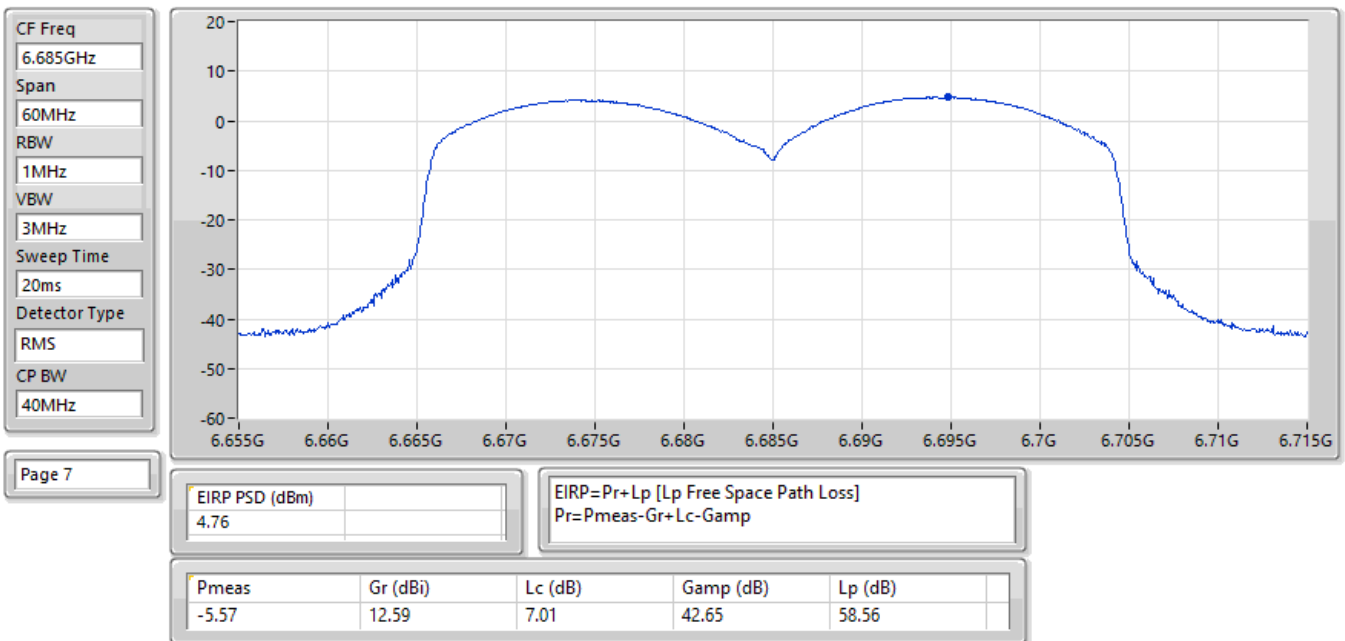
18/01/2025

EIRP PSD;Band:6.7G;be40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6565MHz;TX



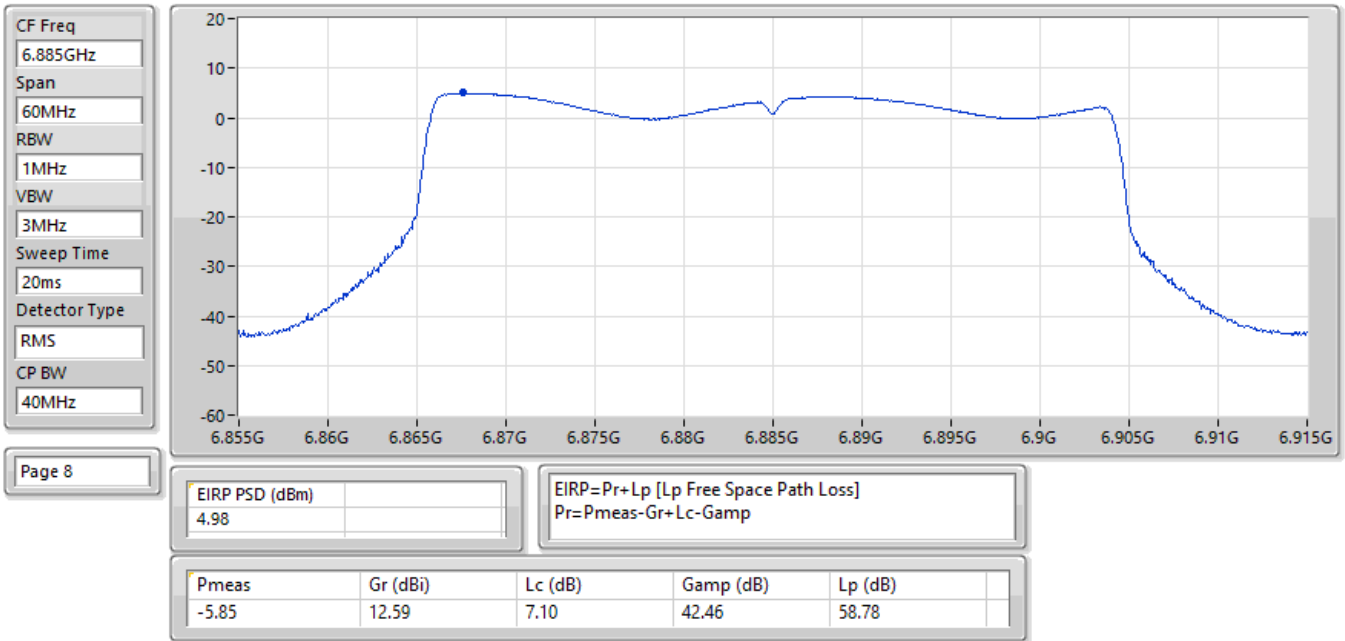
18/01/2025

EIRP PSD;Band:6.7G;be40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6685MHz;TX



18/01/2025

EIRP PSD;Band:6.7G;be40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6885MHz;TX



18/01/2025

EIRP PSD;Band:7.0G;be40;BWch:40MHz;Nss:1,(M0);Nant:2;Ch:6925MHz;TX

