

**47 CFR Part 22/Part 24/Part 27**

**TEST REPORT**

**for**

**BODY-WORN CAMERA**

**Model No.: KWC-B51**

**FCC ID: K44529701**

**Of**

**Applicant: JVCKENWOOD Corporation**  
**Address: 3-12, Moriyacho, Kanagawa-ku, Yokohama-shi, Kanagawa**  
**Japan**

**Tested and Prepared**  
**by**

**Worldwide Testing Services (Taiwan) Co., Ltd.**

**FCC Registration No.: TW1072, TW1140, TW1146, TW1477, TW0037**

**Industry Canada filed test laboratory Reg. No.: 20037, 31634**



**Report No.: W6M22606-25211-C-247**

6F, NO. 58, LANE 188, RUEY-KUANG RD., NEIHU TAIPEI 114, TAIWAN, R.O.C.  
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## **Worldwide Testing Services(Taiwan) Co., Ltd.**

Registration number: W6M22606-25211-C-247

FCC ID: K44529701

### **Certification of Test Report**

Applicant : JVCKENWOOD Corporation  
3-12, Moriyacho,  
Kanagawa-ku Yokohama-shi, Kanagawa Japan

Manufacturer : JVCKENWOOD Corporation  
3-12, Moriyacho,  
Kanagawa-ku Yokohama-shi, Kanagawa Japan

Tested equipment :

Type description : BODY-WORN CAMERA  
Model number : KWC-B51  
Brand name : KENWOOD  
Operation frequency : Please see chapter 2.3.  
RF output power : Band 2: 23.65dBm (EIRP)  
Band 4: 24.63dBm (EIRP)  
Band 5: 20.11dBm (ERP)  
Band 7: 26.57dBm (EIRP)  
Band 12: 17.49dBm (ERP)  
Band 13: 20.16dBm (ERP)  
Band 66: 25.21dBm (EIRP)  
Power supply : USB 5Vd.c.  
Battery 3.89V, 4300mAh, 16.73Wh

Regulation applied : 47CFR Part 22 (2025-10), Part 24 (2025-10),  
Part 27 (2025-10)

Test method : 47CFR Part 2 (2024), TIA/EIA-603E (2016) and  
ANSI C63.26 (2015)

I HEREBY CERTIFY THAT: The test results written in this report were derived conscientiously in accordance with the requirements and procedures of 47CFR Part 2 (2024), TIA/EIA-603E (2016), and it was found that the device described above is in compliance with the applicable limits specified in 47 CFR Part 22/24/27.

Laboratory disclaimer:

1. The result of this test report is valid only in connection to the sample has been tested at the laboratory of Worldwide Testing Services (Taiwan) Co. Ltd.
2. This test report shall always be duplicated in full pages unless the written approval of the testing laboratory is obtained.
3. Antenna gain is provided by applicant and laboratory issue relevant data and results.



## Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22606-25211-C-247

FCC ID: K44529701

Test engineer:

September 17, 2026

Sora Kuo

Sora

Date

WTS-Lab.

Name

Signature

Technical responsibility for area of testing:

September 17, 2026

Kevin Wang

Kevin Wang

Date

WTS

Name

Signature



Registration number: W6M22606-25211-C-247

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## **1 Summary**

### **1.1 Description of tested equipment**

This equipment under tested, KWC-B51, is a BODY-WORN CAMERA.

This test report only contains test requirements specified in 47 CFR Part 22, Part 24, Part 27 for LTE function. For other functions; please refer to separate test report with respect to the relevant test standard and specification.

### **1.2 Date of testing processing**

Date of receipt of test item: July 01, 2026

Date of test: from July 01, 2026 to July 29, 2026

Other Information: None

### **1.3 Modification Information**

No modification was made during the all test items been performed.

### **1.4 Test standards**

Technical standard: **47CFR Part 22 (2025-10), Part 24 (2025-10),  
Part 27 (2025-10)**

Test method: **47 CFR Part 2 (2024), TIA/EIA-603E (2016),  
ANSI C63.26 (2015)**

Deviation from test standard: None



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## 1.5 Summary of test result

| Harmonized Standard Requirements and Conformance Test Specifications |                                                    |                                                                              |                                                                                                                              |             |
|----------------------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|-------------|
| Item                                                                 | Clause                                             | Test Content                                                                 | Limit                                                                                                                        | Test Result |
| 3.2                                                                  | §22.913<br>§24.232<br>§27.50<br>§90.205            | Effective Radiated Power and Equivalent Isotropic Radiated Power Measurement | ERP < 7 Watts (Band 5)<br>EIRP < 2 Watts (Band 2, 7)<br>ERP < 3 Watts (Band 12, Band 13)<br>EIRP < 1 Watts (Band 4, Band 66) | Pass        |
| 5.3                                                                  | §24.232<br>§27.50                                  | Peak-to-Average Ratio                                                        | < 13 dB                                                                                                                      | Pass        |
| 6.2                                                                  | §2.1049<br>§90.209                                 | Occupied Bandwidth                                                           | OBW : No Limit                                                                                                               | Pass        |
| 7.2                                                                  | §22.917<br>§24.238<br>§27.53<br>§90.210            | Conducted Spurious Emission Measurement                                      | < 43+10log10(P[Watts])                                                                                                       | Pass        |
| 8.2                                                                  | §22.917<br>§24.238<br>§27.53<br>§90.210            | Radiated Spurious Emission Measurement                                       | < 43+10log10(P[Watts])                                                                                                       | Pass        |
| 8.5                                                                  | §22.917<br>§24.238<br>§27.53<br>§90.210            | Conducted Band Edge Measurement                                              | < 43+10log10(P[Watts])                                                                                                       | Pass        |
| 9.2                                                                  | §2.1055<br>§22.355<br>§24.235<br>§27.54<br>§90.213 | Frequency stability / Temperature variation Measurement                      | < 2.5 ppm                                                                                                                    | Pass        |

| Test item Name                                                         | Measurement Uncertainty                                                                                                |
|------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| Estimation Result of Uncertainty of Radiated Emission(3M-966A)         | Expanded Uncertainty :<br>0.009-30 MHz : 1.85 dB<br>30-1000 MHz : 4.21 dB<br>1-18 GHz : 3.19 dB<br>18-40 GHz : 1.90 dB |
| Estimation Result of Uncertainty of Conducted Output Power Measurement | Expanded Uncertainty : 1.49 dB                                                                                         |
| Estimation Result of Uncertainty of Bandwidth Measurement              | Expanded Uncertainty : 0.37 kHz                                                                                        |
| Estimation Result of Uncertainty of Frequency Drift Measurement        | Expanded Uncertainty : 6.11 Hz                                                                                         |
| Estimation Result of Uncertainty of Band Edge Measurement              | Expanded Uncertainty : 0.63 dBc                                                                                        |

The decision rule is: Measurement uncertainty is not included in the calculation of test results.



# **Worldwide Testing Services(Taiwan) Co., Ltd.**

Registration number: W6M22606-25211-C-247

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## **2 General Information**

### **2.1 Testing laboratory**

#### **2.1.1 Location**

10m OATS

No.5-1, Lishui, Shuang Sing Village, Wanli Dist.,  
New Taipei City 207, Taiwan (R.O.C.)

3 meter semi-anechoic chamber

No. 99, Sec. 1, Balian Rd., Xizhi Dist.,  
New Taipei City 221032, Taiwan (R.O.C.)

Worldwide Testing Services (Taiwan) Co., Ltd.  
6F., No. 58, Ln. 188, Ruiguang Rd., Neihu Dist.,  
Taipei City 114, Taiwan (R.O.C.)  
Tel: 886-2-6606-8877

#### **2.1.2 Details of accreditation status**

Accredited testing laboratory

FCC filed test laboratory Reg. No.: TW1072, TW1140, TW1146, TW1477, TW0037

Industry Canada filed test laboratory Reg. No.: 20037, 31634

#### **2.1.3 Test location, where different from Worldwide Testing Services (Taiwan) Co., Ltd.**

|                    |     |
|--------------------|-----|
| Name:              | ./. |
| Accredited number: | ./. |
| Street:            | ./. |
| Town:              | ./. |
| Country:           | ./. |

### **2.2 Details of approval holder**

|          |                              |
|----------|------------------------------|
| Name:    | JVCKENWOOD Corporation       |
| Street:  | 3-12, Moriyacho, Kanagawa-ku |
| City:    | Yokohama-shi, Kanagawa       |
| Country: | Japan                        |

**Manufacturer:** (if different from applicant)

|          |     |
|----------|-----|
| Name:    | ./. |
| Street:  | ./. |
| Town:    | ./. |
| Country: | ./. |



Registration number: W6M22606-25211-C-247

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## 2.3 Description of Tested System

The EUT was tested alone without the Accessories or Peripherals.

| Equipment                               | Model No. | Series No. | Software | Cable information | Note |
|-----------------------------------------|-----------|------------|----------|-------------------|------|
| No accessories were used with this EUT. |           |            |          |                   |      |

Frequencies Selected to be investigated:

### Band 2

| Test Frequency ID                                                                                                                     | Bandwidth [MHz]                                    | N <sub>UL</sub> | Frequency of Uplink [MHz] | N <sub>DL</sub> | Frequency of Downlink [MHz] |
|---------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------|---------------------------|-----------------|-----------------------------|
| Low Range                                                                                                                             | 1.4                                                | 18607           | 1850.7                    | 607             | 1930.7                      |
|                                                                                                                                       | 3                                                  | 18615           | 1851.5                    | 615             | 1931.5                      |
|                                                                                                                                       | 5                                                  | 18625           | 1852.5                    | 625             | 1932.5                      |
|                                                                                                                                       | 10                                                 | 18650           | 1855                      | 650             | 1935                        |
|                                                                                                                                       | 15 <sup>[1]</sup>                                  | 18675           | 1857.5                    | 675             | 1937.5                      |
|                                                                                                                                       | 20 <sup>[1]</sup>                                  | 18700           | 1860                      | 700             | 1940                        |
| Mid Range                                                                                                                             | 1.4/3/5/10<br>15 <sup>[1]</sup> /20 <sup>[1]</sup> | 18900           | 1880                      | 900             | 1960                        |
| High Range                                                                                                                            | 1.4                                                | 19193           | 1909.3                    | 1193            | 1989.3                      |
|                                                                                                                                       | 3                                                  | 19185           | 1908.5                    | 1185            | 1988.5                      |
|                                                                                                                                       | 5                                                  | 19175           | 1907.5                    | 1175            | 1987.5                      |
|                                                                                                                                       | 10                                                 | 19150           | 1905                      | 1150            | 1985                        |
|                                                                                                                                       | 15 <sup>[1]</sup>                                  | 19125           | 1902.5                    | 1125            | 1982.5                      |
|                                                                                                                                       | 20 <sup>[1]</sup>                                  | 19100           | 1900                      | 1100            | 1980                        |
| NOTE 1: Bandwidth for which a relaxation of the specified UE receiver sensitivity requirement (TS 36.101 [27] Clause 7.3) is allowed. |                                                    |                 |                           |                 |                             |

### Band 4

| Test Frequency ID | Bandwidth [MHz]  | N <sub>UL</sub> | Frequency of Uplink [MHz] | N <sub>DL</sub> | Frequency of Downlink [MHz] |
|-------------------|------------------|-----------------|---------------------------|-----------------|-----------------------------|
| Low Range         | 1.4              | 19957           | 1710.7                    | 1957            | 2110.7                      |
|                   | 3                | 19965           | 1711.5                    | 1965            | 2111.5                      |
|                   | 5                | 19975           | 1712.5                    | 1975            | 2112.5                      |
|                   | 10               | 20000           | 1715                      | 2000            | 2115                        |
|                   | 15               | 20025           | 1717.5                    | 2025            | 2117.5                      |
|                   | 20               | 20050           | 1720                      | 2050            | 2120                        |
| Mid Range         | 1.4/3/5/10/15/20 | 20175           | 1732.5                    | 2175            | 2132.5                      |
| High Range        | 1.4              | 20393           | 1754.3                    | 2393            | 2154.3                      |
|                   | 3                | 20385           | 1753.5                    | 2385            | 2153.5                      |
|                   | 5                | 20375           | 1752.5                    | 2375            | 2152.5                      |
|                   | 10               | 20350           | 1750                      | 2350            | 2150                        |
|                   | 15               | 20325           | 1747.5                    | 2325            | 2147.5                      |
|                   | 20               | 20300           | 1745                      | 2300            | 2145                        |



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## Band 5

| Test Frequency ID | Bandwidth [MHz]   | N <sub>UL</sub> | Frequency of Uplink [MHz] | N <sub>DL</sub> | Frequency of Downlink [MHz] |
|-------------------|-------------------|-----------------|---------------------------|-----------------|-----------------------------|
| Low Range         | 1.4               | 20407           | 824.7                     | 2407            | 869.7                       |
|                   | 3                 | 20415           | 825.5                     | 2415            | 870.5                       |
|                   | 5                 | 20425           | 826.5                     | 2425            | 871.5                       |
|                   | 10 [1]            | 20450           | 829                       | 2450            | 874                         |
| Mid Range         | 1.4/3/5<br>10 [1] | 20525           | 836.5                     | 2525            | 881.5                       |
| High Range        | 1.4               | 20643           | 848.3                     | 2643            | 893.3                       |
|                   | 3                 | 20635           | 847.5                     | 2635            | 892.5                       |
|                   | 5                 | 20625           | 846.5                     | 2625            | 891.5                       |
|                   | 10 [1]            | 20600           | 844                       | 2600            | 889                         |

NOTE 1: Bandwidth for which a relaxation of the specified UE receiver sensitivity requirement (TS 36.101 [27] Clause 7.3) is allowed.

## Band 7

| Test Frequency ID | Bandwidth [MHz]   | N <sub>UL</sub> | Frequency of Uplink [MHz] | N <sub>DL</sub> | Frequency of Downlink [MHz] |
|-------------------|-------------------|-----------------|---------------------------|-----------------|-----------------------------|
| Low Range         | 5                 | 20775           | 2502.5                    | 2775            | 2622.5                      |
|                   | 10                | 20800           | 2505                      | 2800            | 2625                        |
|                   | 15                | 20825           | 2507.5                    | 2825            | 2627.5                      |
|                   | 20 [1]            | 20850           | 2510                      | 2850            | 2630                        |
| Mid Range         | 5/10/15<br>20 [1] | 21100           | 2535                      | 3100            | 2655                        |
| High Range        | 5                 | 21425           | 2567.5                    | 3425            | 2687.5                      |
|                   | 10                | 21400           | 2565                      | 3400            | 2685                        |
|                   | 15                | 21375           | 2562.5                    | 3375            | 2682.5                      |
|                   | 20 [1]            | 21350           | 2560                      | 3350            | 2680                        |

NOTE 1: Bandwidth for which a relaxation of the specified UE receiver sensitivity requirement (TS 36.101 [27] Clause 7.3) is allowed.

## Band 12

| Test Frequency ID | Bandwidth [MHz]       | N <sub>UL</sub> | Frequency of Uplink [MHz] | N <sub>DL</sub> | Frequency of Downlink [MHz] |
|-------------------|-----------------------|-----------------|---------------------------|-----------------|-----------------------------|
| Low Range         | 1.4                   | 23017           | 699.7                     | 5017            | 729.7                       |
|                   | 3                     | 23025           | 700.5                     | 5025            | 730.5                       |
|                   | 5 [1]                 | 23035           | 701.5                     | 5035            | 731.5                       |
|                   | 10 [1]                | 23060           | 704                       | 5060            | 734                         |
| Mid Range         | 1.4/3<br>5 [1]/10 [1] | 23095           | 707.5                     | 5095            | 737.5                       |
| High Range        | 1.4                   | 23173           | 715.3                     | 5173            | 745.3                       |
|                   | 3                     | 23165           | 714.5                     | 5165            | 744.5                       |
|                   | 5 [1]                 | 23155           | 713.5                     | 5155            | 743.5                       |
|                   | 10 [1]                | 23130           | 711                       | 5130            | 741                         |

NOTE 1: Bandwidth for which a relaxation of the specified UE receiver sensitivity requirement (TS 36.101 [27] Clause 7.3) is allowed.



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## Band 13

| Test Frequency ID | Bandwidth [MHz] | N <sub>UL</sub> | Frequency of Uplink [MHz] | N <sub>DL</sub> | Frequency of Downlink [MHz] |
|-------------------|-----------------|-----------------|---------------------------|-----------------|-----------------------------|
| Low Range         | 5 [1]           | 23205           | 779.5                     | 5205            | 748.5                       |
|                   | 10 [1]          | 23230           | 782                       | 5230            | 751                         |
| Mid Range         | 5 [1]/10 [1]    | 23230           | 782                       | 5230            | 751                         |
| High Range        | 5 [1]           | 23255           | 784.5                     | 5255            | 753.5                       |
|                   | 10 [1]          | 23230           | 782                       | 5230            | 751                         |

NOTE 1: Bandwidth for which a relaxation of the specified UE receiver sensitivity requirement (TS 36.101 [27] Clause 7.3) is allowed.

## Band 66

| Test Frequency ID | Bandwidth [MHz]  | N <sub>UL</sub> | Frequency of Uplink [MHz] | N <sub>DL</sub> | Frequency of Downlink [MHz] |
|-------------------|------------------|-----------------|---------------------------|-----------------|-----------------------------|
| Low Range         | 1.4              | 131979          | 1710.7                    | 66443           | 2110.7                      |
|                   | 3                | 131987          | 1711.5                    | 66451           | 2111.5                      |
|                   | 5                | 131997          | 1712.5                    | 66461           | 2112.5                      |
|                   | 10               | 132022          | 1715                      | 66486           | 2115                        |
|                   | 15               | 132047          | 1717.5                    | 66511           | 2117.5                      |
|                   | 20               | 132072          | 1720                      | 66536           | 2120                        |
| Mid Range         | 1.4/3/5/10/15/20 | 132197          | 1732.5                    | 66661           | 2132.5                      |
| High Range        | 1.4              | 132415          | 1754.3                    | 66879           | 2154.3                      |
|                   | 3                | 132407          | 1753.5                    | 66871           | 2153.5                      |
|                   | 5                | 132397          | 1752.5                    | 66861           | 2152.5                      |
|                   | 10               | 132372          | 1750                      | 66836           | 2150                        |
|                   | 15               | 132347          | 1747.5                    | 66811           | 2147.5                      |
|                   | 20               | 132322          | 1745                      | 66786           | 2145                        |

Antenna type: PIFA Antenna

Antenna gain: Band 2: 2.49dBi 、 Band 4: 3.04dBi 、 Band 5: -0.92dBi 、  
Band 7: 5.48dBi 、 Band 12: -3.64dBi 、  
Band 13: -1.10dBi 、 Band 66: 3.43dBi

Sample no.: #02

## 2.4 Test environment

Temperature: 27 °C  
Relative humidity content: 54 %  
Air pressure: 86-103 Kpa



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## **2.5 General Test Requirement**

**Radiated Emission:** For investigated frequency is equal to or below 1GHz, the RBW and VBW of the spectrum analyzer was 100 kHz and 100 kHz respectively with an appropriate sweep speed.

For investigated frequency is above 1GHz, both of RBW and VBW of the spectrum analyzer were 1 MHz with an appropriate sweep speed. The analyzer was calibrated in dB above a microvolt at the output of the antenna.

The table used for radiated measurements is capable of continuous rotation. The spectrum was scanned from 30 MHz to the frequency specified as follows:

- (1) If the intentional radiator operates below 10 GHz: to the tenth harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower.
- (2) If the intentional radiator operates at or above 10 GHz and below 30 GHz: to the fifth harmonic of the highest fundamental frequency or to 100 GHz, whichever is lower.
- (3) If the intentional radiator operates at or above 30 GHz: to the fifth harmonic of the highest fundamental frequency or to 200 GHz, whichever is lower, unless specified otherwise elsewhere in the rules.

For hand-held devices, a exploratory test was performed with three (3) orthogonal planes to determine the highest emissions.

When an emission was found, the table was rotated to produce the maximum signal strength. At this point, the antenna was raised and lowered from 1m to 4m. The antenna was placed in both the horizontal and vertical planes.



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## 2.6 Test Equipment List

### Power

| Code No.        | Test equipment               | Mode No.                 | Serial No. | Brand        | Cal. Date  | Next Cal. Date |
|-----------------|------------------------------|--------------------------|------------|--------------|------------|----------------|
| ETSTW-RE 050    | Attenuator 10dB              | 50HF-010-1               | None       | JFW          | 2026/2/13  | 2027/2/12      |
| ETSTW-RE 099    | DC Block                     | 50DB-007-1               | None       | JFW          | 2026/2/13  | 2027/2/12      |
| ETSTW-GSM 003   | Radio Communication Analyzer | MT8820C                  | 6201342073 | Anritsu      | 2025/10/15 | 2026/10/14     |
| ETSTW-Cable 030 | Microwave Cable              | SUCOFLEX 104 (S_Cable 9) | 279067     | HUBER+SUHNER | 2026/2/13  | 2027/2/12      |

### Frequency stability

| Code No.        | Test equipment               | Mode No.                 | Serial No.  | Brand        | Cal. Date  | Next Cal. Date |
|-----------------|------------------------------|--------------------------|-------------|--------------|------------|----------------|
| ETSTW-CE 009    | TEMP.&HUMIDITY CHAMBER       | GTH-225-40-1P-U          | MAA0305-009 | GIANT FORCE  | 2026/1/16  | 2027/1/15      |
| ETSTW-RE 050    | Attenuator 10dB              | 50HF-010-1               | None        | JFW          | 2026/2/13  | 2027/2/12      |
| ETSTW-RE 099    | DC Block                     | 50DB-007-1               | None        | JFW          | 2026/2/13  | 2027/2/12      |
| ETSTW-GSM 003   | Radio Communication Analyzer | MT8820C                  | 6201342073  | Anritsu      | 2025/10/15 | 2026/10/14     |
| ETSTW-Cable 030 | Microwave Cable              | SUCOFLEX 104 (S_Cable 9) | 279067      | HUBER+SUHNER | 2026/2/13  | 2027/2/12      |

### Conducted Spurious emission, Bandedge, Occupied Bandwidth, 26DB Bandwidth

| Code No.        | Test equipment               | Mode No.                 | Serial No. | Brand        | Cal. Date  | Next Cal. Date |
|-----------------|------------------------------|--------------------------|------------|--------------|------------|----------------|
| ETSTW-RE 050    | Attenuator 10dB              | 50HF-010-1               | None       | JFW          | 2026/2/13  | 2027/2/12      |
| ETSTW-RE 099    | DC Block                     | 50DB-007-1               | None       | JFW          | 2026/2/13  | 2027/2/12      |
| ETSTW-RE 055    | SPECTRUM ANALYZER            | FSU 26                   | 200074     | R&S          | 2026/3/12  | 2027/3/11      |
| ETSTW-GSM 023   | Power Divider                | 4901.19.A                | None       | SUHNER       | 2025/8/25  | 2026/8/24      |
| ETSTW-GSM 003   | Radio Communication Analyzer | MT8820C                  | 6201342073 | Anritsu      | 2025/10/15 | 2026/10/14     |
| ETSTW-Cable 030 | Microwave Cable              | SUCOFLEX 104 (S_Cable 9) | 279067     | HUBER+SUHNER | 2026/2/13  | 2027/2/12      |

### Peak to Average Ratio

| Code No.        | Test equipment               | Mode No.                 | Serial No. | Brand        | Cal. Date  | Next Cal. Date |
|-----------------|------------------------------|--------------------------|------------|--------------|------------|----------------|
| ETSTW-RE 050    | Attenuator 10dB              | 50HF-010-1               | None       | JFW          | 2026/2/13  | 2027/2/12      |
| ETSTW-RE 099    | DC Block                     | 50DB-007-1               | None       | JFW          | 2026/2/13  | 2027/2/12      |
| ETSTW-RE 155    | Signal and Spectrum Analyzer | FSV3044                  | 101136     | R&S          | 2026/4/10  | 2027/4/9       |
| ETSTW-GSM 023   | Power Divider                | 4901.19.A                | None       | SUHNER       | 2025/8/25  | 2026/8/24      |
| ETSTW-GSM 003   | Radio Communication Analyzer | MT8820C                  | 6201342073 | Anritsu      | 2025/10/15 | 2026/10/14     |
| ETSTW-Cable 030 | Microwave Cable              | SUCOFLEX 104 (S_Cable 9) | 279067     | HUBER+SUHNER | 2026/2/13  | 2027/2/12      |



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Spurious Emission (966A)

| Code No.        | Test equipment                   | Mode No.              | Serial No.     | Brand             | Cal. Date                             | Next Cal. Date |
|-----------------|----------------------------------|-----------------------|----------------|-------------------|---------------------------------------|----------------|
| ETSTW-RE 153    | Signal Analyzer                  | FSV40                 | 101929         | R&S               | 2025/9/10                             | 2026/9/9       |
| ETSTW-RE 154    | EMI Test Receiver                | ESR3                  | 102829         | R&S               | 2026/4/20                             | 2027/4/19      |
| ETSTW-RE 160    | Amplifier Module                 | CHC 3                 | None           | WTS               | 2026/7/13                             | 2027/7/12      |
| ETSTW-RE 177    | TRILOG Broadband Antenna         | VULB 9168&EMCI-N-6-06 | 01380&AT-06007 | SCHWARZBECK & EMC | 2026/4/17                             | 2027/4/16      |
| ETSTW-RE 178    | Double Ridged Guide Horn Antenna | DRH18-E               | 210505A18ES    | RFSPIN            | 2026/3/26                             | 2027/3/25      |
| ETSTW-Cable 077 | SMA type cable (10m)             | EMC104-SM-SM-10000    | 230511         | EMCI              | 2026/7/13                             | 2027/7/12      |
| ETSTW-Cable 084 | SMA type cable (1m)              | SF104-11SMA-1000      | 816477/4       | HONOVA            | 2026/7/13                             | 2027/7/12      |
| ETSTW-Cable 089 | SMA type cable (2m)              | SF104-11SMA-2000      | SN 811889/4    | HUBER+SUHNER      | 2026/7/13                             | 2027/7/12      |
| WTSTW-SW 002    | EMI TEST SOFTWARE                | EZ_EMC                | None           | Farad             | Version ETS-03A1<br>Version EMEC-3A1+ |                |
| ETSTW-GSM 003   | Radio Communication Analyzer     | MT8820C               | 6201342073     | Anritsu           | 2026/4/25                             | 2027/4/24      |

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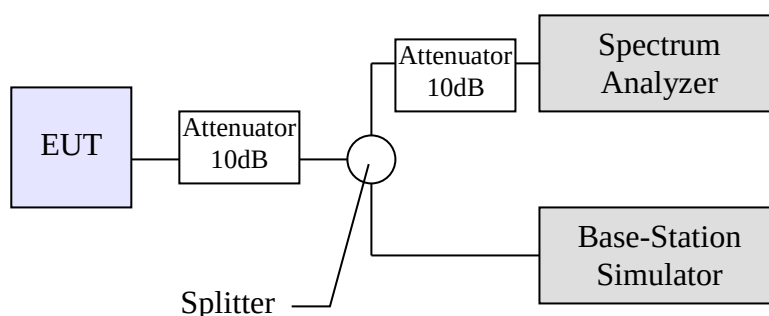
## **3. RF Power Output**

### **3.1 Test procedure**

#### **3.1.1 Conducted Method**

Per 47CFR Part 2.1046, the RF power output shall be measured at the RF output terminals and following procedure is employed:

The transmitter output was connected as the following figure:



The whole connection system is calibrated with a standard signal generator. Power on and make a link form simulator to EUT and then set the EUT to maximum output power.

Measure the RF power with the spectrum analyzer in accordance the following settings:

RBW: 300 kHz for Frequency below 1GHz and 1MHz for Frequency equal to and above 1GHz.

VBW: 300 kHz for Frequency below 1GHz and 1MHz for Frequency equal to and above 1GHz.

Span: 2MHz

Sweep: 3s

The power output at the transmitter antenna terminal is then determined by assign the value of the corrected factor to the spectrum analyzer reading.

Tests were performed at three frequencies (low, middle and high channels) and operation mode selected.



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## 3.2 Test Results

Test date: July 07, 2026

Temperature: 28.9 °C

Humidity: 58.5 %

Tester: Sora

### Band 2

| BW(MHz) | Modulation | RB Size | RB offset | POWER(dBm)<br>Low<br>Ch18607/1850.7MHz | POWER(dBm)<br>Mid<br>Ch18900/1880MHz | POWER(dBm)<br>High<br>Ch19193/1909.3MHz | EIRP<br>Low<br>Ch18607/1850.7MHz | EIRP<br>Mid<br>Ch18900/1880MHz | EIRP<br>High<br>Ch19193/1909.3MHz |
|---------|------------|---------|-----------|----------------------------------------|--------------------------------------|-----------------------------------------|----------------------------------|--------------------------------|-----------------------------------|
| 1.4     | QPSK       | 1       | 0         | 20.64                                  | 20.81                                | 20.53                                   | 23.13                            | 23.3                           | 23.02                             |
| 1.4     | QPSK       | 1       | 3         | 20.7                                   | 20.99                                | 20.79                                   | 23.19                            | 23.48                          | 23.28                             |
| 1.4     | QPSK       | 1       | 5         | 20.51                                  | 20.88                                | 20.39                                   | 23                               | 23.37                          | 22.88                             |
| 1.4     | QPSK       | 3       | 0         | 20.64                                  | 20.61                                | 20.32                                   | 23.13                            | 23.1                           | 22.81                             |
| 1.4     | QPSK       | 3       | 1         | 20.55                                  | 20.88                                | 20.41                                   | 23.04                            | 23.37                          | 22.9                              |
| 1.4     | QPSK       | 3       | 3         | 20.46                                  | 20.67                                | 20.22                                   | 22.95                            | 23.16                          | 22.71                             |
| 1.4     | QPSK       | 6       | 0         | 19.55                                  | 19.86                                | 19.48                                   | 22.04                            | 22.35                          | 21.97                             |
| 1.4     | 16QAM      | 1       | 0         | 19.61                                  | 19.89                                | 19.86                                   | 22.1                             | 22.38                          | 22.35                             |
| 1.4     | 16QAM      | 1       | 3         | 19.65                                  | 19.97                                | 19.95                                   | 22.14                            | 22.46                          | 22.44                             |
| 1.4     | 16QAM      | 1       | 5         | 19.72                                  | 20.18                                | 19.79                                   | 22.21                            | 22.67                          | 22.28                             |
| 1.4     | 16QAM      | 3       | 0         | 19.69                                  | 19.92                                | 19.67                                   | 22.18                            | 22.41                          | 22.16                             |
| 1.4     | 16QAM      | 3       | 1         | 19.77                                  | 20.04                                | 19.73                                   | 22.26                            | 22.53                          | 22.22                             |
| 1.4     | 16QAM      | 3       | 3         | 19.56                                  | 20.01                                | 19.57                                   | 22.05                            | 22.5                           | 22.06                             |
| 1.4     | 16QAM      | 6       | 0         | 18.8                                   | 18.84                                | 18.54                                   | 21.29                            | 21.33                          | 21.03                             |
| BW(MHz) | Modulation | RB Size | RB offset | POWER(dBm)<br>Low<br>Ch18615/1851.5MHz | POWER(dBm)<br>Mid<br>Ch18900/1880MHz | POWER(dBm)<br>High<br>Ch19185/1908.5MHz | EIRP<br>Low<br>Ch18615/1851.5MHz | EIRP<br>Mid<br>Ch18900/1880MHz | EIRP<br>High<br>Ch19185/1908.5MHz |
| 3       | QPSK       | 1       | 0         | 20.79                                  | 20.95                                | 20.54                                   | 23.28                            | 23.44                          | 23.03                             |
| 3       | QPSK       | 1       | 7         | 20.79                                  | 21.01                                | 20.78                                   | 23.28                            | 23.5                           | 23.27                             |
| 3       | QPSK       | 1       | 14        | 20.34                                  | 20.98                                | 20.75                                   | 22.83                            | 23.47                          | 23.24                             |
| 3       | QPSK       | 8       | 0         | 20.61                                  | 20.61                                | 20.24                                   | 23.1                             | 23.1                           | 22.73                             |
| 3       | QPSK       | 8       | 3         | 20.33                                  | 20.59                                | 20.34                                   | 22.82                            | 23.08                          | 22.83                             |
| 3       | QPSK       | 8       | 7         | 20.19                                  | 20.52                                | 20.33                                   | 22.68                            | 23.01                          | 22.82                             |
| 3       | QPSK       | 15      | 0         | 19.74                                  | 19.93                                | 19.75                                   | 22.23                            | 22.42                          | 22.24                             |
| 3       | 16QAM      | 1       | 0         | 19.79                                  | 19.77                                | 19.47                                   | 22.28                            | 22.26                          | 21.96                             |
| 3       | 16QAM      | 1       | 7         | 20.22                                  | 20.17                                | 19.96                                   | 22.71                            | 22.66                          | 22.45                             |
| 3       | 16QAM      | 1       | 14        | 19.86                                  | 20.07                                | 19.79                                   | 22.35                            | 22.56                          | 22.28                             |
| 3       | 16QAM      | 8       | 0         | 19.01                                  | 18.82                                | 18.51                                   | 21.5                             | 21.31                          | 21                                |
| 3       | 16QAM      | 8       | 3         | 18.82                                  | 18.96                                | 18.56                                   | 21.31                            | 21.45                          | 21.05                             |
| 3       | 16QAM      | 8       | 7         | 18.49                                  | 19.02                                | 18.65                                   | 20.98                            | 21.51                          | 21.14                             |
| 3       | 16QAM      | 15      | 0         | 18.76                                  | 18.96                                | 18.73                                   | 21.25                            | 21.45                          | 21.22                             |



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| BW(MHz) | Modulation | RB Size | RB offset | POWER(dBm)<br>Low<br>Ch18625/1852.5MHz | POWER(dBm)<br>Mid<br>Ch18900/1880MHz | POWER(dBm)<br>High<br>Ch19175/1907.5MHz | EIRP<br>Low<br>Ch18625/1852.5MHz | EIRP<br>Mid<br>Ch18900/1880MHz | EIRP<br>High<br>Ch19175/1907.5MHz |
|---------|------------|---------|-----------|----------------------------------------|--------------------------------------|-----------------------------------------|----------------------------------|--------------------------------|-----------------------------------|
| 5       | QPSK       | 1       | 0         | 20.81                                  | 20.68                                | 20.35                                   | 23.3                             | 23.17                          | 22.84                             |
| 5       | QPSK       | 1       | 12        | 20.38                                  | 20.82                                | 20.99                                   | 22.87                            | 23.31                          | 23.48                             |
| 5       | QPSK       | 1       | 24        | 20.32                                  | 20.84                                | 20.43                                   | 22.81                            | 23.33                          | 22.92                             |
| 5       | QPSK       | 12      | 0         | 20.28                                  | 20.56                                | 20.14                                   | 22.77                            | 23.05                          | 22.63                             |
| 5       | QPSK       | 12      | 6         | 20.25                                  | 20.56                                | 20.19                                   | 22.74                            | 23.05                          | 22.68                             |
| 5       | QPSK       | 12      | 13        | 20.37                                  | 20.68                                | 20.25                                   | 22.86                            | 23.17                          | 22.74                             |
| 5       | QPSK       | 25      | 0         | 19.45                                  | 19.99                                | 19.58                                   | 21.94                            | 22.48                          | 22.07                             |
| 5       | 16QAM      | 1       | 0         | 19.63                                  | 19.58                                | 18.84                                   | 22.12                            | 22.07                          | 21.33                             |
| 5       | 16QAM      | 1       | 12        | 19.33                                  | 20.22                                | 19.71                                   | 21.82                            | 22.71                          | 22.2                              |
| 5       | 16QAM      | 1       | 24        | 19.09                                  | 19.93                                | 19.63                                   | 21.58                            | 22.42                          | 22.12                             |
| 5       | 16QAM      | 12      | 0         | 18.62                                  | 18.69                                | 18.36                                   | 21.11                            | 21.18                          | 20.85                             |
| 5       | 16QAM      | 12      | 6         | 18.46                                  | 18.87                                | 18.87                                   | 20.95                            | 21.36                          | 21.36                             |
| 5       | 16QAM      | 12      | 13        | 18.29                                  | 18.76                                | 18.45                                   | 20.78                            | 21.25                          | 20.94                             |
| 5       | 16QAM      | 25      | 0         | 18.62                                  | 18.92                                | 18.54                                   | 21.11                            | 21.41                          | 21.03                             |
| BW(MHz) | Modulation | RB Size | RB offset | POWER(dBm)<br>Low<br>Ch18650/1855MHz   | POWER(dBm)<br>Mid<br>Ch18900/1880MHz | POWER(dBm)<br>High<br>Ch19150/1905MHz   | EIRP<br>Low<br>Ch18650/1855MHz   | EIRP<br>Mid<br>Ch18900/1880MHz | EIRP<br>High<br>Ch19150/1905MHz   |
| 10      | QPSK       | 1       | 0         | 20.65                                  | 20.78                                | 20.47                                   | 23.14                            | 23.27                          | 22.96                             |
| 10      | QPSK       | 1       | 24        | 20.61                                  | 20.73                                | 20.37                                   | 23.1                             | 23.22                          | 22.86                             |
| 10      | QPSK       | 1       | 49        | 20.37                                  | 20.59                                | 20.49                                   | 22.86                            | 23.08                          | 22.98                             |
| 10      | QPSK       | 25      | 0         | 20.33                                  | 20.62                                | 20.18                                   | 22.82                            | 23.11                          | 22.67                             |
| 10      | QPSK       | 25      | 12        | 20.17                                  | 20.56                                | 20.63                                   | 22.66                            | 23.05                          | 23.12                             |
| 10      | QPSK       | 25      | 25        | 20.29                                  | 20.61                                | 20.13                                   | 22.78                            | 23.1                           | 22.62                             |
| 10      | QPSK       | 50      | 0         | 19.62                                  | 19.92                                | 19.52                                   | 22.11                            | 22.41                          | 22.01                             |
| 10      | 16QAM      | 1       | 0         | 19.69                                  | 19.18                                | 19.37                                   | 22.18                            | 21.67                          | 21.86                             |
| 10      | 16QAM      | 1       | 24        | 19.68                                  | 19.99                                | 19.63                                   | 22.17                            | 22.48                          | 22.12                             |
| 10      | 16QAM      | 1       | 49        | 18.56                                  | 19.74                                | 19.56                                   | 21.05                            | 22.23                          | 22.05                             |
| 10      | 16QAM      | 25      | 0         | 18.61                                  | 18.93                                | 18.59                                   | 21.1                             | 21.42                          | 21.08                             |
| 10      | 16QAM      | 25      | 12        | 18.49                                  | 19.05                                | 18.75                                   | 20.98                            | 21.54                          | 21.24                             |
| 10      | 16QAM      | 25      | 25        | 18.57                                  | 18.82                                | 18.66                                   | 21.06                            | 21.31                          | 21.15                             |
| 10      | 16QAM      | 50      | 0         | 18.59                                  | 18.74                                | 18.48                                   | 21.08                            | 21.23                          | 20.97                             |



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| BW(MHz) | Modulation | RB Size | RB offset | POWER(dBm)<br>Low<br>Ch18675/1857.5MHz | POWER(dBm)<br>Mid<br>Ch18900/1880MHz | POWER(dBm)<br>High<br>Ch19125/1902.5MHz | EIRP<br>Low<br>Ch18675/1857.5M<br>Hz | EIRP<br>Mid<br>Ch18900/1880MHz | EIRP<br>High<br>Ch19125/1902.5MH<br>z |
|---------|------------|---------|-----------|----------------------------------------|--------------------------------------|-----------------------------------------|--------------------------------------|--------------------------------|---------------------------------------|
| 15      | QPSK       | 1       | 0         | 20.69                                  | 20.75                                | 20.54                                   | 23.18                                | 23.24                          | 23.03                                 |
| 15      | QPSK       | 1       | 37        | 20.71                                  | 20.99                                | 20.68                                   | 23.2                                 | 23.48                          | 23.17                                 |
| 15      | QPSK       | 1       | 74        | 20.53                                  | 20.77                                | 20.44                                   | 23.02                                | 23.26                          | 22.93                                 |
| 15      | QPSK       | 36      | 0         | 20.25                                  | 20.52                                | 20.25                                   | 22.74                                | 23.01                          | 22.74                                 |
| 15      | QPSK       | 36      | 19        | 20.29                                  | 20.57                                | 20.12                                   | 22.78                                | 23.06                          | 22.61                                 |
| 15      | QPSK       | 36      | 39        | 20.22                                  | 20.62                                | 20.25                                   | 22.71                                | 23.11                          | 22.74                                 |
| 15      | QPSK       | 75      | 0         | 19.58                                  | 19.84                                | 19.44                                   | 22.07                                | 22.33                          | 21.93                                 |
| 15      | 16QAM      | 1       | 0         | 19.79                                  | 19.56                                | 19.41                                   | 22.28                                | 22.05                          | 21.9                                  |
| 15      | 16QAM      | 1       | 37        | 19.65                                  | 19.69                                | 19.91                                   | 22.14                                | 22.18                          | 22.4                                  |
| 15      | 16QAM      | 1       | 74        | 19.47                                  | 19.43                                | 19.53                                   | 21.96                                | 21.92                          | 22.02                                 |
| 15      | 16QAM      | 36      | 0         | 18.63                                  | 18.72                                | 18.51                                   | 21.12                                | 21.21                          | 21                                    |
| 15      | 16QAM      | 36      | 19        | 18.46                                  | 18.95                                | 18.91                                   | 20.95                                | 21.44                          | 21.4                                  |
| 15      | 16QAM      | 36      | 39        | 18.52                                  | 18.79                                | 18.42                                   | 21.01                                | 21.28                          | 20.91                                 |
| 15      | 16QAM      | 75      | 0         | 18.56                                  | 18.72                                | 18.52                                   | 21.05                                | 21.21                          | 21.01                                 |
| BW(MHz) | Modulation | RB Size | RB offset | POWER(dBm)<br>Low<br>Ch18700/1860MHz   | POWER(dBm)<br>Mid<br>Ch18900/1880MHz | POWER(dBm)<br>High<br>Ch19100/1900MHz   | EIRP<br>Low<br>Ch18675/1857.5M<br>Hz | EIRP<br>Mid<br>Ch18900/1880MHz | EIRP<br>High<br>Ch19125/1902.5MH<br>z |
| 20      | QPSK       | 1       | 0         | 20.33                                  | 21.16                                | 20.48                                   | 22.82                                | 23.65                          | 22.97                                 |
| 20      | QPSK       | 1       | 49        | 20.52                                  | 20.84                                | 20.46                                   | 23.01                                | 23.33                          | 22.95                                 |
| 20      | QPSK       | 1       | 99        | 20.56                                  | 20.44                                | 20.66                                   | 23.05                                | 22.93                          | 23.15                                 |
| 20      | QPSK       | 50      | 0         | 20.45                                  | 21.06                                | 20.25                                   | 22.94                                | 23.55                          | 22.74                                 |
| 20      | QPSK       | 50      | 25        | 20.41                                  | 20.61                                | 20.25                                   | 22.9                                 | 23.1                           | 22.74                                 |
| 20      | QPSK       | 50      | 50        | 20.37                                  | 20.53                                | 20.23                                   | 22.86                                | 23.02                          | 22.72                                 |
| 20      | QPSK       | 100     | 0         | 19.65                                  | 19.82                                | 19.35                                   | 22.14                                | 22.31                          | 21.84                                 |
| 20      | 16QAM      | 1       | 0         | 19.19                                  | 18.93                                | 18.83                                   | 21.68                                | 21.42                          | 21.32                                 |
| 20      | 16QAM      | 1       | 49        | 19.21                                  | 20.04                                | 19.58                                   | 21.7                                 | 22.53                          | 22.07                                 |
| 20      | 16QAM      | 1       | 99        | 18.79                                  | 18.94                                | 19.23                                   | 21.28                                | 21.43                          | 21.72                                 |
| 20      | 16QAM      | 50      | 0         | 18.43                                  | 18.58                                | 18.45                                   | 20.92                                | 21.07                          | 20.94                                 |
| 20      | 16QAM      | 50      | 25        | 18.42                                  | 18.84                                | 18.36                                   | 20.91                                | 21.33                          | 20.85                                 |
| 20      | 16QAM      | 50      | 50        | 18.49                                  | 18.69                                | 18.62                                   | 20.98                                | 21.18                          | 21.11                                 |
| 20      | 16QAM      | 100     | 0         | 18.45                                  | 18.84                                | 18.43                                   | 20.94                                | 21.33                          | 20.92                                 |



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Band 4

| BW(MHz) | Modulation | RB Size | RB offset | POWER(dBm)<br>Low<br>Ch19957/1710.7MHz | POWER(dBm)<br>Mid<br>Ch20175/1732.5MHz | POWER(dBm)<br>High<br>Ch20393/1754.3MHz | EIRP<br>Low<br>Ch19957/1710.7M<br>Hz | EIRP<br>Mid<br>Ch20175/1732.5M<br>Hz | EIRP<br>High<br>Ch20393/1754.3MH<br>z |
|---------|------------|---------|-----------|----------------------------------------|----------------------------------------|-----------------------------------------|--------------------------------------|--------------------------------------|---------------------------------------|
| 1.4     | QPSK       | 1       | 0         | 20.73                                  | 21.12                                  | 20.88                                   | 23.77                                | 24.16                                | 23.92                                 |
| 1.4     | QPSK       | 1       | 3         | 21.25                                  | 21.22                                  | 20.93                                   | 24.29                                | 24.26                                | 23.97                                 |
| 1.4     | QPSK       | 1       | 5         | 20.96                                  | 21.07                                  | 20.88                                   | 24                                   | 24.11                                | 23.92                                 |
| 1.4     | QPSK       | 3       | 0         | 21.15                                  | 21.18                                  | 21.09                                   | 24.19                                | 24.22                                | 24.13                                 |
| 1.4     | QPSK       | 3       | 1         | 21.22                                  | 21.22                                  | 21.32                                   | 24.26                                | 24.26                                | 24.36                                 |
| 1.4     | QPSK       | 3       | 3         | 21.09                                  | 21.13                                  | 21.09                                   | 24.13                                | 24.17                                | 24.13                                 |
| 1.4     | QPSK       | 6       | 0         | 20.12                                  | 20.08                                  | 20.11                                   | 23.16                                | 23.12                                | 23.15                                 |
| 1.4     | 16QAM      | 1       | 0         | 20.45                                  | 20.38                                  | 19.56                                   | 23.49                                | 23.42                                | 22.6                                  |
| 1.4     | 16QAM      | 1       | 3         | 20.49                                  | 20.55                                  | 19.54                                   | 23.53                                | 23.59                                | 22.58                                 |
| 1.4     | 16QAM      | 1       | 5         | 20.32                                  | 20.23                                  | 20.12                                   | 23.36                                | 23.27                                | 23.16                                 |
| 1.4     | 16QAM      | 3       | 0         | 20.33                                  | 20.22                                  | 20.12                                   | 23.37                                | 23.26                                | 23.16                                 |
| 1.4     | 16QAM      | 3       | 1         | 20.56                                  | 20.35                                  | 20.18                                   | 23.6                                 | 23.39                                | 23.22                                 |
| 1.4     | 16QAM      | 3       | 3         | 20.25                                  | 20.59                                  | 20.27                                   | 23.29                                | 23.63                                | 23.31                                 |
| 1.4     | 16QAM      | 6       | 0         | 19.18                                  | 19.35                                  | 19.08                                   | 22.22                                | 22.39                                | 22.12                                 |
| BW(MHz) | Modulation | RB Size | RB offset | POWER(dBm)<br>Low<br>Ch19965/1711.5MHz | POWER(dBm)<br>Mid<br>Ch20175/1732.5MHz | POWER(dBm)<br>High<br>Ch20385/1753.5MHz | EIRP<br>Low<br>Ch19965/1711.5M<br>Hz | EIRP<br>Mid<br>Ch20175/1732.5M<br>Hz | EIRP<br>High<br>Ch20385/1753.5MH<br>z |
| 3       | QPSK       | 1       | 0         | 21.17                                  | 20.76                                  | 21.29                                   | 24.21                                | 23.8                                 | 24.33                                 |
| 3       | QPSK       | 1       | 7         | 21.16                                  | 21.31                                  | 21.14                                   | 24.2                                 | 24.35                                | 24.18                                 |
| 3       | QPSK       | 1       | 14        | 20.84                                  | 20.98                                  | 20.84                                   | 23.88                                | 24.02                                | 23.88                                 |
| 3       | QPSK       | 8       | 0         | 20.19                                  | 20.23                                  | 20.15                                   | 23.23                                | 23.27                                | 23.19                                 |
| 3       | QPSK       | 8       | 3         | 20.08                                  | 20.21                                  | 19.99                                   | 23.12                                | 23.25                                | 23.03                                 |
| 3       | QPSK       | 8       | 7         | 20.09                                  | 20.09                                  | 20.04                                   | 23.13                                | 23.13                                | 23.08                                 |
| 3       | QPSK       | 15      | 0         | 20.13                                  | 20.12                                  | 20.03                                   | 23.17                                | 23.16                                | 23.07                                 |
| 3       | 16QAM      | 1       | 0         | 20.06                                  | 20.17                                  | 20.04                                   | 23.1                                 | 23.21                                | 23.08                                 |
| 3       | 16QAM      | 1       | 7         | 20.56                                  | 20.44                                  | 20.02                                   | 23.6                                 | 23.48                                | 23.06                                 |
| 3       | 16QAM      | 1       | 14        | 20.27                                  | 20.27                                  | 20.12                                   | 23.31                                | 23.31                                | 23.16                                 |
| 3       | 16QAM      | 8       | 0         | 19.26                                  | 19.47                                  | 19.03                                   | 22.3                                 | 22.51                                | 22.07                                 |
| 3       | 16QAM      | 8       | 3         | 19.29                                  | 19.36                                  | 19.07                                   | 22.33                                | 22.4                                 | 22.11                                 |
| 3       | 16QAM      | 8       | 7         | 19.04                                  | 19.26                                  | 19.03                                   | 22.08                                | 22.3                                 | 22.07                                 |
| 3       | 16QAM      | 15      | 0         | 19.18                                  | 19.32                                  | 19.18                                   | 22.22                                | 22.36                                | 22.22                                 |



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| BW(MHz) | Modulation | RB Size | RB offset | POWER(dBm)<br>Low<br>Ch19975/1712.5MHz | POWER(dBm)<br>Mid<br>Ch20175/1732.5MHz | POWER(dBm)<br>High<br>Ch20375/1752.5MHz | EIRP<br>Low<br>Ch19975/1712.5M<br>Hz | EIRP<br>Mid<br>Ch20175/1732.5M<br>Hz | EIRP<br>High<br>Ch20375/1752.5MH<br>z |
|---------|------------|---------|-----------|----------------------------------------|----------------------------------------|-----------------------------------------|--------------------------------------|--------------------------------------|---------------------------------------|
| 5       | QPSK       | 1       | 0         | 20.97                                  | 21.03                                  | 21.15                                   | 24.01                                | 24.07                                | 24.19                                 |
| 5       | QPSK       | 1       | 12        | 20.9                                   | 20.85                                  | 20.89                                   | 23.94                                | 23.89                                | 23.93                                 |
| 5       | QPSK       | 1       | 24        | 20.78                                  | 20.95                                  | 20.79                                   | 23.82                                | 23.99                                | 23.83                                 |
| 5       | QPSK       | 12      | 0         | 20.09                                  | 20.01                                  | 20.01                                   | 23.13                                | 23.05                                | 23.05                                 |
| 5       | QPSK       | 12      | 6         | 20.04                                  | 20.07                                  | 20.13                                   | 23.08                                | 23.11                                | 23.17                                 |
| 5       | QPSK       | 12      | 13        | 20.01                                  | 20.01                                  | 20.31                                   | 23.05                                | 23.05                                | 23.35                                 |
| 5       | QPSK       | 25      | 0         | 20.02                                  | 20.17                                  | 20.48                                   | 23.06                                | 23.21                                | 23.52                                 |
| 5       | 16QAM      | 1       | 0         | 20.26                                  | 20.24                                  | 20.08                                   | 23.3                                 | 23.28                                | 23.12                                 |
| 5       | 16QAM      | 1       | 12        | 19.99                                  | 20.28                                  | 20.29                                   | 23.03                                | 23.32                                | 23.33                                 |
| 5       | 16QAM      | 1       | 24        | 19.66                                  | 19.82                                  | 19.21                                   | 22.7                                 | 22.86                                | 22.25                                 |
| 5       | 16QAM      | 12      | 0         | 19.12                                  | 19.23                                  | 19.09                                   | 22.16                                | 22.27                                | 22.13                                 |
| 5       | 16QAM      | 12      | 6         | 19.03                                  | 19.23                                  | 19.17                                   | 22.07                                | 22.27                                | 22.21                                 |
| 5       | 16QAM      | 12      | 13        | 18.84                                  | 19.19                                  | 19.11                                   | 21.88                                | 22.23                                | 22.15                                 |
| 5       | 16QAM      | 25      | 0         | 19.01                                  | 19.11                                  | 19.16                                   | 22.05                                | 22.15                                | 22.2                                  |
| BW(MHz) | Modulation | RB Size | RB offset | POWER(dBm)<br>Low<br>Ch20000/1715MHz   | POWER(dBm)<br>Mid<br>Ch20175/1732.5MHz | POWER(dBm)<br>High<br>Ch20350/1750MHz   | EIRP<br>Low<br>Ch20000/1715MH<br>z   | EIRP<br>Mid<br>Ch20175/1732.5M<br>Hz | EIRP<br>High<br>Ch20350/1750MHz       |
| 10      | QPSK       | 1       | 0         | 20.75                                  | 20.65                                  | 20.9                                    | 23.79                                | 23.69                                | 23.94                                 |
| 10      | QPSK       | 1       | 24        | 20.97                                  | 20.93                                  | 21.08                                   | 24.01                                | 23.97                                | 24.12                                 |
| 10      | QPSK       | 1       | 49        | 20.99                                  | 20.77                                  | 20.91                                   | 24.03                                | 23.81                                | 23.95                                 |
| 10      | QPSK       | 25      | 0         | 20.55                                  | 20.45                                  | 20.71                                   | 23.59                                | 23.49                                | 23.75                                 |
| 10      | QPSK       | 25      | 12        | 20.54                                  | 20.55                                  | 20.71                                   | 23.58                                | 23.59                                | 23.75                                 |
| 10      | QPSK       | 25      | 25        | 20.39                                  | 20.56                                  | 20.69                                   | 23.43                                | 23.6                                 | 23.73                                 |
| 10      | QPSK       | 50      | 0         | 19.88                                  | 19.88                                  | 19.93                                   | 22.92                                | 22.92                                | 22.97                                 |
| 10      | 16QAM      | 1       | 0         | 20.36                                  | 20.09                                  | 20.61                                   | 23.4                                 | 23.13                                | 23.65                                 |
| 10      | 16QAM      | 1       | 24        | 19.86                                  | 20.01                                  | 20.29                                   | 22.9                                 | 23.05                                | 23.33                                 |
| 10      | 16QAM      | 1       | 49        | 19.65                                  | 19.64                                  | 19.92                                   | 22.69                                | 22.68                                | 22.96                                 |
| 10      | 16QAM      | 25      | 0         | 19.04                                  | 19.06                                  | 19.05                                   | 22.08                                | 22.1                                 | 22.09                                 |
| 10      | 16QAM      | 25      | 12        | 19.03                                  | 19.12                                  | 19.04                                   | 22.07                                | 22.16                                | 22.08                                 |
| 10      | 16QAM      | 25      | 25        | 19.14                                  | 19.11                                  | 19.22                                   | 22.18                                | 22.15                                | 22.26                                 |
| 10      | 16QAM      | 50      | 0         | 19.15                                  | 19.22                                  | 19.35                                   | 22.19                                | 22.26                                | 22.39                                 |



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| BW(MHz) | Modulation | RB Size | RB offset | POWER(dBm)<br>Low<br>Ch20025/1717.5MHz | POWER(dBm)<br>Mid<br>Ch20175/1732.5MHz | POWER(dBm)<br>High<br>Ch20325/1747.5MHz | EIRP<br>Low<br>Ch20025/1717.5M<br>Hz | EIRP<br>Mid<br>Ch20175/1732.5M<br>Hz | EIRP<br>High<br>Ch20325/1747.5MH<br>z |
|---------|------------|---------|-----------|----------------------------------------|----------------------------------------|-----------------------------------------|--------------------------------------|--------------------------------------|---------------------------------------|
| 15      | QPSK       | 1       | 0         | 21.15                                  | 21.02                                  | 21.09                                   | 24.19                                | 24.06                                | 24.13                                 |
| 15      | QPSK       | 1       | 37        | 20.87                                  | 21.02                                  | 21.12                                   | 23.91                                | 24.06                                | 24.16                                 |
| 15      | QPSK       | 1       | 74        | 20.69                                  | 20.66                                  | 20.81                                   | 23.73                                | 23.7                                 | 23.85                                 |
| 15      | QPSK       | 36      | 0         | 20.36                                  | 20.55                                  | 20.57                                   | 23.4                                 | 23.59                                | 23.61                                 |
| 15      | QPSK       | 36      | 19        | 20.33                                  | 20.51                                  | 20.63                                   | 23.37                                | 23.55                                | 23.67                                 |
| 15      | QPSK       | 36      | 39        | 20.53                                  | 20.53                                  | 20.71                                   | 23.57                                | 23.57                                | 23.75                                 |
| 15      | QPSK       | 75      | 0         | 19.82                                  | 19.91                                  | 20.08                                   | 22.86                                | 22.95                                | 23.12                                 |
| 15      | 16QAM      | 1       | 0         | 19.96                                  | 19.84                                  | 19.84                                   | 23                                   | 22.88                                | 22.88                                 |
| 15      | 16QAM      | 1       | 37        | 19.82                                  | 20.29                                  | 20.65                                   | 22.86                                | 23.33                                | 23.69                                 |
| 15      | 16QAM      | 1       | 74        | 19.69                                  | 20.05                                  | 19.77                                   | 22.73                                | 23.09                                | 22.81                                 |
| 15      | 16QAM      | 36      | 0         | 19.36                                  | 18.89                                  | 19.26                                   | 22.4                                 | 21.93                                | 22.3                                  |
| 15      | 16QAM      | 36      | 19        | 18.92                                  | 19.05                                  | 18.99                                   | 21.96                                | 22.09                                | 22.03                                 |
| 15      | 16QAM      | 36      | 39        | 18.81                                  | 18.98                                  | 19.21                                   | 21.85                                | 22.02                                | 22.25                                 |
| 15      | 16QAM      | 75      | 0         | 18.87                                  | 18.84                                  | 19.02                                   | 21.91                                | 21.88                                | 22.06                                 |
| BW(MHz) | Modulation | RB Size | RB offset | POWER(dBm)<br>Low<br>Ch20050/1720MHz   | POWER(dBm)<br>Mid<br>Ch20175/1732.5MHz | POWER(dBm)<br>High<br>Ch20300/1745MHz   | EIRP<br>Low<br>Ch20050/1720MH<br>z   | EIRP<br>Mid<br>Ch20175/1732.5M<br>Hz | EIRP<br>High<br>Ch20300/1745MHz       |
| 20      | QPSK       | 1       | 0         | 20.94                                  | 21.59                                  | 21.21                                   | 23.98                                | 24.63                                | 24.25                                 |
| 20      | QPSK       | 1       | 49        | 20.88                                  | 21.38                                  | 21.09                                   | 23.92                                | 24.42                                | 24.13                                 |
| 20      | QPSK       | 1       | 99        | 20.96                                  | 21.08                                  | 21.38                                   | 24                                   | 24.12                                | 24.42                                 |
| 20      | QPSK       | 50      | 0         | 20.98                                  | 21.39                                  | 21.22                                   | 24.02                                | 24.43                                | 24.26                                 |
| 20      | QPSK       | 50      | 25        | 21.11                                  | 21.09                                  | 21.12                                   | 24.15                                | 24.13                                | 24.16                                 |
| 20      | QPSK       | 50      | 50        | 20.94                                  | 21.12                                  | 21.15                                   | 23.98                                | 24.16                                | 24.19                                 |
| 20      | QPSK       | 100     | 0         | 20.11                                  | 20.11                                  | 20.23                                   | 23.15                                | 23.15                                | 23.27                                 |
| 20      | 16QAM      | 1       | 0         | 19.81                                  | 19.76                                  | 20.01                                   | 22.85                                | 22.8                                 | 23.05                                 |
| 20      | 16QAM      | 1       | 49        | 19.81                                  | 20.01                                  | 20.21                                   | 22.85                                | 23.05                                | 23.25                                 |
| 20      | 16QAM      | 1       | 99        | 20.14                                  | 20.31                                  | 19.97                                   | 23.18                                | 23.35                                | 23.01                                 |
| 20      | 16QAM      | 50      | 0         | 19.05                                  | 19.15                                  | 19.42                                   | 22.09                                | 22.19                                | 22.46                                 |
| 20      | 16QAM      | 50      | 25        | 19.22                                  | 19.07                                  | 19.14                                   | 22.26                                | 22.11                                | 22.18                                 |
| 20      | 16QAM      | 50      | 50        | 19.07                                  | 19.23                                  | 19.23                                   | 22.11                                | 22.27                                | 22.27                                 |
| 20      | 16QAM      | 100     | 0         | 19.07                                  | 19                                     | 19.24                                   | 22.11                                | 22.04                                | 22.28                                 |



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Band 5

| BW(MHz) | Modulation | RB Size | RB offset | POWER(dBm)<br>Low<br>Ch20407/824.7MHz | POWER(dBm)<br>Mid<br>Ch20525/836.5MHz | POWER(dBm)<br>High<br>Ch20643/848.3MHz | ERP<br>Low<br>Ch20407/824.7MHz | ERP<br>Mid<br>Ch20525/836.5MHz | ERP<br>High<br>Ch20643/848.3MHz |
|---------|------------|---------|-----------|---------------------------------------|---------------------------------------|----------------------------------------|--------------------------------|--------------------------------|---------------------------------|
| 1.4     | QPSK       | 1       | 0         | 22.75                                 | 22.79                                 | 22.78                                  | 19.68                          | 19.72                          | 19.71                           |
| 1.4     | QPSK       | 1       | 3         | 22.93                                 | 23.02                                 | 23.04                                  | 19.86                          | 19.95                          | 19.97                           |
| 1.4     | QPSK       | 1       | 5         | 23.06                                 | 22.88                                 | 23.02                                  | 19.99                          | 19.81                          | 19.95                           |
| 1.4     | QPSK       | 3       | 0         | 22.95                                 | 23.04                                 | 23.05                                  | 19.88                          | 19.97                          | 19.98                           |
| 1.4     | QPSK       | 3       | 1         | 22.98                                 | 23.01                                 | 23.07                                  | 19.91                          | 19.94                          | 20                              |
| 1.4     | QPSK       | 3       | 3         | 22.97                                 | 23.09                                 | 23.01                                  | 19.9                           | 20.02                          | 19.94                           |
| 1.4     | QPSK       | 6       | 0         | 21.98                                 | 22.15                                 | 22.01                                  | 18.91                          | 19.08                          | 18.94                           |
| 1.4     | 16QAM      | 1       | 0         | 21.56                                 | 21.36                                 | 21.85                                  | 18.49                          | 18.29                          | 18.78                           |
| 1.4     | 16QAM      | 1       | 3         | 22.07                                 | 21.56                                 | 21.65                                  | 19                             | 18.49                          | 18.58                           |
| 1.4     | 16QAM      | 1       | 5         | 21.94                                 | 21.88                                 | 21.53                                  | 18.87                          | 18.81                          | 18.46                           |
| 1.4     | 16QAM      | 3       | 0         | 21.96                                 | 22.11                                 | 22.18                                  | 18.89                          | 19.04                          | 19.11                           |
| 1.4     | 16QAM      | 3       | 1         | 22.19                                 | 22.42                                 | 22.22                                  | 19.12                          | 19.35                          | 19.15                           |
| 1.4     | 16QAM      | 3       | 3         | 22.15                                 | 22.39                                 | 21.49                                  | 19.08                          | 19.32                          | 18.42                           |
| 1.4     | 16QAM      | 6       | 0         | 21.18                                 | 20.97                                 | 20.86                                  | 18.11                          | 17.9                           | 17.79                           |
| BW(MHz) | Modulation | RB Size | RB offset | POWER(dBm)<br>Low<br>Ch20415/825.5MHz | POWER(dBm)<br>Mid<br>Ch20525/836.5MHz | POWER(dBm)<br>High<br>Ch20635/847.5MHz | ERP<br>Low<br>Ch20415/825.5MHz | ERP<br>Mid<br>Ch20525/836.5MHz | ERP<br>High<br>Ch20635/847.5MHz |
| 3       | QPSK       | 1       | 0         | 22.47                                 | 22.82                                 | 23.03                                  | 19.4                           | 19.75                          | 19.96                           |
| 3       | QPSK       | 1       | 7         | 23.01                                 | 22.72                                 | 22.86                                  | 19.94                          | 19.65                          | 19.79                           |
| 3       | QPSK       | 1       | 14        | 22.58                                 | 22.85                                 | 22.59                                  | 19.51                          | 19.78                          | 19.52                           |
| 3       | QPSK       | 8       | 0         | 21.97                                 | 22.11                                 | 22.04                                  | 18.9                           | 19.04                          | 18.97                           |
| 3       | QPSK       | 8       | 3         | 21.97                                 | 22.1                                  | 22.09                                  | 18.9                           | 19.03                          | 19.02                           |
| 3       | QPSK       | 8       | 7         | 21.95                                 | 22.08                                 | 21.95                                  | 18.88                          | 19.01                          | 18.88                           |
| 3       | QPSK       | 15      | 0         | 21.95                                 | 22.01                                 | 21.98                                  | 18.88                          | 18.94                          | 18.91                           |
| 3       | 16QAM      | 1       | 0         | 22.04                                 | 21.51                                 | 21.72                                  | 18.97                          | 18.44                          | 18.65                           |
| 3       | 16QAM      | 1       | 7         | 22.36                                 | 22.16                                 | 22.07                                  | 19.29                          | 19.09                          | 19                              |
| 3       | 16QAM      | 1       | 14        | 22.19                                 | 22.07                                 | 21.79                                  | 19.12                          | 19                             | 18.72                           |
| 3       | 16QAM      | 8       | 0         | 20.85                                 | 20.78                                 | 20.82                                  | 17.78                          | 17.71                          | 17.75                           |
| 3       | 16QAM      | 8       | 3         | 21.05                                 | 20.86                                 | 20.98                                  | 17.98                          | 17.79                          | 17.91                           |
| 3       | 16QAM      | 8       | 7         | 21.01                                 | 20.84                                 | 20.81                                  | 17.94                          | 17.77                          | 17.74                           |
| 3       | 16QAM      | 15      | 0         | 20.85                                 | 20.97                                 | 21.06                                  | 17.78                          | 17.9                           | 17.99                           |
| BW(MHz) | Modulation | RB Size | RB offset | POWER(dBm)<br>Low<br>Ch20425/826.5MHz | POWER(dBm)<br>Mid<br>Ch20525/836.5MHz | POWER(dBm)<br>High<br>Ch20625/846.5MHz | ERP<br>Low<br>Ch20425/826.5MHz | ERP<br>Mid<br>Ch20525/836.5MHz | ERP<br>High<br>Ch20625/846.5MHz |
| 5       | QPSK       | 1       | 0         | 22.68                                 | 22.57                                 | 22.89                                  | 19.61                          | 19.5                           | 19.82                           |
| 5       | QPSK       | 1       | 12        | 23.01                                 | 22.88                                 | 22.78                                  | 19.94                          | 19.81                          | 19.71                           |
| 5       | QPSK       | 1       | 24        | 22.78                                 | 22.66                                 | 22.66                                  | 19.71                          | 19.59                          | 19.59                           |
| 5       | QPSK       | 12      | 0         | 22.63                                 | 22.66                                 | 22.71                                  | 19.56                          | 19.59                          | 19.64                           |
| 5       | QPSK       | 12      | 6         | 22.72                                 | 22.65                                 | 22.66                                  | 19.65                          | 19.58                          | 19.59                           |
| 5       | QPSK       | 12      | 13        | 22.58                                 | 22.51                                 | 22.64                                  | 19.51                          | 19.44                          | 19.57                           |
| 5       | QPSK       | 25      | 0         | 21.85                                 | 21.98                                 | 21.93                                  | 18.78                          | 18.91                          | 18.86                           |
| 5       | 16QAM      | 1       | 0         | 21.29                                 | 21.35                                 | 21.86                                  | 18.22                          | 18.28                          | 18.79                           |
| 5       | 16QAM      | 1       | 12        | 21.53                                 | 21.77                                 | 21.59                                  | 18.46                          | 18.7                           | 18.52                           |
| 5       | 16QAM      | 1       | 24        | 21.46                                 | 21.34                                 | 21.12                                  | 18.39                          | 18.27                          | 18.05                           |
| 5       | 16QAM      | 12      | 0         | 20.83                                 | 20.98                                 | 20.79                                  | 17.76                          | 17.91                          | 17.72                           |
| 5       | 16QAM      | 12      | 6         | 20.84                                 | 20.67                                 | 20.79                                  | 17.77                          | 17.6                           | 17.72                           |
| 5       | 16QAM      | 12      | 13        | 20.71                                 | 20.66                                 | 20.72                                  | 17.64                          | 17.59                          | 17.65                           |
| 5       | 16QAM      | 25      | 0         | 20.98                                 | 20.85                                 | 20.87                                  | 17.91                          | 17.78                          | 17.8                            |
| BW(MHz) | Modulation | RB Size | RB offset | POWER(dBm)<br>Low<br>Ch20450/829MHz   | POWER(dBm)<br>Mid<br>Ch20525/836.5MHz | POWER(dBm)<br>High<br>Ch20600/844MHz   | ERP<br>Low<br>Ch20450/829MHz   | ERP<br>Mid<br>Ch20525/836.5MHz | ERP<br>High<br>Ch20600/844MHz   |
| 10      | QPSK       | 1       | 0         | 22.74                                 | 23.18                                 | 22.69                                  | 19.67                          | 20.11                          | 19.62                           |
| 10      | QPSK       | 1       | 24        | 22.95                                 | 22.82                                 | 22.74                                  | 19.88                          | 19.75                          | 19.67                           |
| 10      | QPSK       | 1       | 49        | 22.93                                 | 23.03                                 | 21.66                                  | 19.86                          | 19.96                          | 18.59                           |
| 10      | QPSK       | 25      | 0         | 22.95                                 | 23.14                                 | 23.01                                  | 19.88                          | 20.07                          | 19.94                           |
| 10      | QPSK       | 25      | 12        | 23.03                                 | 22.95                                 | 23.1                                   | 19.96                          | 19.88                          | 20.03                           |
| 10      | QPSK       | 25      | 25        | 22.95                                 | 22.93                                 | 22.93                                  | 19.88                          | 19.86                          | 19.86                           |
| 10      | QPSK       | 50      | 0         | 21.99                                 | 21.93                                 | 21.95                                  | 18.92                          | 18.86                          | 18.88                           |
| 10      | 16QAM      | 1       | 0         | 21.68                                 | 21.67                                 | 21.58                                  | 18.61                          | 18.6                           | 18.51                           |
| 10      | 16QAM      | 1       | 24        | 21.67                                 | 21.37                                 | 21.88                                  | 18.6                           | 18.3                           | 18.81                           |
| 10      | 16QAM      | 1       | 49        | 21.64                                 | 21.21                                 | 21.44                                  | 18.57                          | 18.14                          | 18.37                           |
| 10      | 16QAM      | 25      | 0         | 21.02                                 | 20.92                                 | 21.04                                  | 17.95                          | 17.85                          | 17.97                           |
| 10      | 16QAM      | 25      | 12        | 21.06                                 | 20.93                                 | 21.01                                  | 17.99                          | 17.86                          | 17.94                           |
| 10      | 16QAM      | 25      | 25        | 21.03                                 | 21.03                                 | 20.86                                  | 17.96                          | 17.96                          | 17.79                           |
| 10      | 16QAM      | 50      | 0         | 21.06                                 | 20.86                                 | 20.85                                  | 17.99                          | 17.79                          | 17.78                           |



# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22606-25211-C-247

FCC ID: K44529701

Band 7

| BW(MHz) | Modulation | RB Size | RB offset | POWER(dBm)<br>Low<br>Ch20775/2502.5MHz | POWER(dBm)<br>Mid<br>Ch21100/2535MHz | POWER(dBm)<br>High<br>Ch21425/2567.5MHz | EIRP<br>Low<br>Ch20775/2502.5MHz | EIRP<br>Mid<br>Ch21100/2535MHz | EIRP<br>High<br>Ch21425/2567.5MHz |
|---------|------------|---------|-----------|----------------------------------------|--------------------------------------|-----------------------------------------|----------------------------------|--------------------------------|-----------------------------------|
| 5       | QPSK       | 1       | 0         | 20.51                                  | 20.62                                | 20.32                                   | 25.99                            | 26.1                           | 25.8                              |
| 5       | QPSK       | 1       | 12        | 20.57                                  | 20.68                                | 20.53                                   | 26.05                            | 26.16                          | 26.01                             |
| 5       | QPSK       | 1       | 24        | 20.37                                  | 20.53                                | 20.34                                   | 25.85                            | 26.01                          | 25.82                             |
| 5       | QPSK       | 12      | 0         | 20.26                                  | 20.44                                | 20.22                                   | 25.74                            | 25.92                          | 25.7                              |
| 5       | QPSK       | 12      | 6         | 20.36                                  | 20.35                                | 20.27                                   | 25.84                            | 25.83                          | 25.75                             |
| 5       | QPSK       | 12      | 13        | 20.19                                  | 20.36                                | 20.26                                   | 25.67                            | 25.84                          | 25.74                             |
| 5       | QPSK       | 25      | 0         | 19.58                                  | 19.73                                | 19.51                                   | 25.06                            | 25.21                          | 24.99                             |
| 5       | 16QAM      | 1       | 0         | 19.22                                  | 19.18                                | 18.63                                   | 24.7                             | 24.66                          | 24.11                             |
| 5       | 16QAM      | 1       | 12        | 19.06                                  | 19.63                                | 19.25                                   | 24.54                            | 25.11                          | 24.73                             |
| 5       | 16QAM      | 1       | 24        | 19.22                                  | 19.44                                | 18.82                                   | 24.7                             | 24.92                          | 24.3                              |
| 5       | 16QAM      | 12      | 0         | 18.49                                  | 18.47                                | 18.44                                   | 23.97                            | 23.95                          | 23.92                             |
| 5       | 16QAM      | 12      | 6         | 18.53                                  | 18.65                                | 18.33                                   | 24.01                            | 24.13                          | 23.81                             |
| 5       | 16QAM      | 12      | 13        | 18.42                                  | 18.53                                | 18.32                                   | 23.9                             | 24.01                          | 23.8                              |
| 5       | 16QAM      | 25      | 0         | 18.59                                  | 18.81                                | 18.36                                   | 24.07                            | 24.29                          | 23.84                             |
| BW(MHz) | Modulation | RB Size | RB offset | POWER(dBm)<br>Low<br>Ch20800/2505MHz   | POWER(dBm)<br>Mid<br>Ch21100/2535MHz | POWER(dBm)<br>High<br>Ch21400/2565MHz   | EIRP<br>Low<br>Ch20800/2505MHz   | EIRP<br>Mid<br>Ch21100/2535MHz | EIRP<br>High<br>Ch21400/2565MHz   |
| 10      | QPSK       | 1       | 0         | 20.56                                  | 20.55                                | 20.32                                   | 26.04                            | 26.03                          | 25.8                              |
| 10      | QPSK       | 1       | 24        | 20.54                                  | 20.81                                | 20.28                                   | 26.02                            | 26.29                          | 25.76                             |
| 10      | QPSK       | 1       | 49        | 20.55                                  | 20.45                                | 20.37                                   | 26.03                            | 25.93                          | 25.85                             |
| 10      | QPSK       | 25      | 0         | 20.38                                  | 20.36                                | 20.17                                   | 25.86                            | 25.84                          | 25.65                             |
| 10      | QPSK       | 25      | 12        | 20.32                                  | 20.42                                | 20.36                                   | 25.8                             | 25.9                           | 25.84                             |
| 10      | QPSK       | 25      | 25        | 20.32                                  | 20.39                                | 20.21                                   | 25.8                             | 25.87                          | 25.69                             |
| 10      | QPSK       | 50      | 0         | 19.82                                  | 19.85                                | 19.72                                   | 25.3                             | 25.33                          | 25.2                              |
| 10      | 16QAM      | 1       | 0         | 19.65                                  | 18.94                                | 19.15                                   | 25.13                            | 24.42                          | 24.63                             |
| 10      | 16QAM      | 1       | 24        | 19.03                                  | 19.26                                | 19.03                                   | 24.51                            | 24.74                          | 24.511                            |
| 10      | 16QAM      | 1       | 49        | 19.44                                  | 19.22                                | 19.14                                   | 24.92                            | 24.7                           | 24.62                             |
| 10      | 16QAM      | 25      | 0         | 18.68                                  | 18.67                                | 18.34                                   | 24.16                            | 24.15                          | 23.82                             |
| 10      | 16QAM      | 25      | 12        | 18.75                                  | 18.81                                | 18.62                                   | 24.23                            | 24.29                          | 24.1                              |
| 10      | 16QAM      | 25      | 25        | 18.67                                  | 18.83                                | 18.54                                   | 24.15                            | 24.31                          | 24.02                             |
| 10      | 16QAM      | 50      | 0         | 18.69                                  | 18.71                                | 18.59                                   | 24.17                            | 24.19                          | 24.07                             |

| BW(MHz) | Modulation | RB Size | RB offset | POWER(dBm)<br>Low<br>Ch20825/2507.5MHz | POWER(dBm)<br>Mid<br>Ch21100/2535MHz | POWER(dBm)<br>High<br>Ch21375/2562.5MHz | EIRP<br>Low<br>Ch20825/2507.5MHz | EIRP<br>Mid<br>Ch21100/2535MHz | EIRP<br>High<br>Ch21375/2562.5MHz |
|---------|------------|---------|-----------|----------------------------------------|--------------------------------------|-----------------------------------------|----------------------------------|--------------------------------|-----------------------------------|
| 15      | QPSK       | 1       | 0         | 20.26                                  | 20.36                                | 20.17                                   | 25.74                            | 25.84                          | 25.65                             |
| 15      | QPSK       | 1       | 37        | 20.52                                  | 20.57                                | 20.45                                   | 26                               | 26.05                          | 25.93                             |
| 15      | QPSK       | 1       | 74        | 20.38                                  | 20.59                                | 20.31                                   | 25.86                            | 26.07                          | 25.79                             |
| 15      | QPSK       | 36      | 0         | 20.18                                  | 20.12                                | 20.16                                   | 25.66                            | 25.6                           | 25.64                             |
| 15      | QPSK       | 36      | 19        | 20.27                                  | 20.26                                | 20.47                                   | 25.75                            | 25.74                          | 25.95                             |
| 15      | QPSK       | 36      | 39        | 20.14                                  | 20.26                                | 20.04                                   | 25.62                            | 25.74                          | 25.52                             |
| 15      | QPSK       | 75      | 0         | 19.47                                  | 19.52                                | 19.39                                   | 24.95                            | 25                             | 24.87                             |
| 15      | 16QAM      | 1       | 0         | 19.21                                  | 19.17                                | 19.45                                   | 24.69                            | 24.65                          | 24.93                             |
| 15      | 16QAM      | 1       | 37        | 19.24                                  | 19.41                                | 19.55                                   | 24.72                            | 24.89                          | 25.03                             |
| 15      | 16QAM      | 1       | 74        | 19.39                                  | 19.43                                | 19.35                                   | 24.87                            | 24.91                          | 24.83                             |
| 15      | 16QAM      | 36      | 0         | 18.48                                  | 18.59                                | 18.37                                   | 23.96                            | 24.07                          | 23.85                             |
| 15      | 16QAM      | 36      | 19        | 18.48                                  | 19.31                                | 18.34                                   | 23.96                            | 24.79                          | 23.82                             |
| 15      | 16QAM      | 36      | 39        | 18.45                                  | 18.57                                | 18.34                                   | 23.93                            | 24.05                          | 23.82                             |
| 15      | 16QAM      | 75      | 0         | 18.48                                  | 18.48                                | 18.41                                   | 23.96                            | 23.96                          | 23.89                             |
| BW(MHz) | Modulation | RB Size | RB offset | POWER(dBm)<br>Low<br>Ch20850/2510MHz   | POWER(dBm)<br>Mid<br>Ch21100/2535MHz | POWER(dBm)<br>High<br>Ch21350/2560MHz   | EIRP<br>Low<br>Ch20850/2510MHz   | EIRP<br>Mid<br>Ch21100/2535MHz | EIRP<br>High<br>Ch21350/2560MHz   |
| 20      | QPSK       | 1       | 0         | 20.24                                  | 21.09                                | 20.21                                   | 25.72                            | 26.57                          | 25.69                             |
| 20      | QPSK       | 1       | 49        | 20.49                                  | 20.41                                | 20.58                                   | 25.97                            | 25.89                          | 26.06                             |
| 20      | QPSK       | 1       | 99        | 20.24                                  | 20.24                                | 20.21                                   | 25.72                            | 25.72                          | 25.69                             |
| 20      | QPSK       | 50      | 0         | 20.39                                  | 20.91                                | 20.44                                   | 25.87                            | 26.39                          | 25.92                             |
| 20      | QPSK       | 50      | 25        | 20.49                                  | 20.45                                | 20.34                                   | 25.97                            | 25.93                          | 25.82                             |
| 20      | QPSK       | 50      | 50        | 20.39                                  | 20.49                                | 20.44                                   | 25.87                            | 25.97                          | 25.92                             |
| 20      | QPSK       | 100     | 0         | 19.39                                  | 19.47                                | 19.31                                   | 24.87                            | 24.95                          | 24.79                             |
| 20      | 16QAM      | 1       | 0         | 18.69                                  | 18.48                                | 18.77                                   | 24.17                            | 23.96                          | 24.25                             |
| 20      | 16QAM      | 1       | 49        | 19.34                                  | 19.84                                | 19.16                                   | 24.82                            | 25.32                          | 24.64                             |
| 20      | 16QAM      | 1       | 99        | 18.96                                  | 19.11                                | 18.97                                   | 24.44                            | 24.59                          | 24.45                             |
| 20      | 16QAM      | 50      | 0         | 18.34                                  | 18.39                                | 18.41                                   | 23.82                            | 23.87                          | 23.89                             |
| 20      | 16QAM      | 50      | 25        | 18.34                                  | 18.41                                | 18.52                                   | 23.82                            | 23.89                          | 24                                |
| 20      | 16QAM      | 50      | 50        | 18.33                                  | 18.36                                | 18.23                                   | 23.81                            | 23.84                          | 23.71                             |
| 20      | 16QAM      | 100     | 0         | 18.57                                  | 18.46                                | 18.26                                   | 24.05                            | 23.94                          | 23.74                             |



# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22606-25211-C-247

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Band 12

| BW(MHz) | Modulation | RB Size | RB offset | POWER(dBm)<br>Low<br>Ch23017/699.7MHz | POWER(dBm)<br>Mid<br>Ch23095/707.5MHz | POWER(dBm)<br>High<br>Ch23173/715.3MHz | ERP<br>Low<br>Ch23017/699.7MHz | ERP<br>Mid<br>Ch23095/707.5MHz | ERP<br>High<br>Ch23173/715.3MHz |
|---------|------------|---------|-----------|---------------------------------------|---------------------------------------|----------------------------------------|--------------------------------|--------------------------------|---------------------------------|
| 1.4     | QPSK       | 1       | 0         | 22.54                                 | 22.84                                 | 22.93                                  | 16.75                          | 17.05                          | 17.14                           |
| 1.4     | QPSK       | 1       | 3         | 22.83                                 | 22.85                                 | 22.79                                  | 17.04                          | 17.06                          | 17                              |
| 1.4     | QPSK       | 1       | 5         | 22.61                                 | 22.54                                 | 22.72                                  | 16.82                          | 16.75                          | 16.93                           |
| 1.4     | QPSK       | 3       | 0         | 22.75                                 | 22.96                                 | 22.79                                  | 16.96                          | 17.17                          | 17                              |
| 1.4     | QPSK       | 3       | 1         | 22.81                                 | 22.95                                 | 22.88                                  | 17.02                          | 17.16                          | 17.09                           |
| 1.4     | QPSK       | 3       | 3         | 22.79                                 | 22.88                                 | 22.77                                  | 17                             | 17.09                          | 16.98                           |
| 1.4     | QPSK       | 6       | 0         | 21.76                                 | 21.84                                 | 21.81                                  | 15.97                          | 16.05                          | 16.02                           |
| 1.4     | 16QAM      | 1       | 0         | 21.64                                 | 21.74                                 | 21.69                                  | 15.85                          | 15.95                          | 15.9                            |
| 1.4     | 16QAM      | 1       | 3         | 21.23                                 | 21.21                                 | 21.62                                  | 15.44                          | 15.42                          | 15.83                           |
| 1.4     | 16QAM      | 1       | 5         | 21.34                                 | 21.22                                 | 21.53                                  | 15.55                          | 15.43                          | 15.74                           |
| 1.4     | 16QAM      | 3       | 0         | 21.95                                 | 22.11                                 | 21.88                                  | 16.16                          | 16.32                          | 16.09                           |
| 1.4     | 16QAM      | 3       | 1         | 22.01                                 | 22.15                                 | 22.05                                  | 16.22                          | 16.36                          | 16.26                           |
| 1.4     | 16QAM      | 3       | 3         | 22.03                                 | 22.07                                 | 21.89                                  | 16.24                          | 16.28                          | 16.1                            |
| 1.4     | 16QAM      | 6       | 0         | 20.93                                 | 20.84                                 | 20.81                                  | 15.14                          | 15.05                          | 15.02                           |
| BW(MHz) | Modulation | RB Size | RB offset | POWER(dBm)<br>Low<br>Ch23025/700.5MHz | POWER(dBm)<br>Mid<br>Ch23095/707.5MHz | POWER(dBm)<br>High<br>Ch23165/714.5MHz | ERP<br>Low<br>Ch23025/700.5MHz | ERP<br>Mid<br>Ch23095/707.5MHz | ERP<br>High<br>Ch23165/714.5MHz |
| 3       | QPSK       | 1       | 0         | 22.98                                 | 22.89                                 | 23.07                                  | 17.19                          | 17.1                           | 17.28                           |
| 3       | QPSK       | 1       | 7         | 22.99                                 | 23.04                                 | 23.03                                  | 17.2                           | 17.25                          | 17.24                           |
| 3       | QPSK       | 1       | 14        | 22.78                                 | 22.75                                 | 23.19                                  | 16.99                          | 16.96                          | 17.4                            |
| 3       | QPSK       | 8       | 0         | 21.98                                 | 22.08                                 | 21.93                                  | 16.19                          | 16.29                          | 16.14                           |
| 3       | QPSK       | 8       | 3         | 21.96                                 | 22.03                                 | 21.95                                  | 16.17                          | 16.24                          | 16.16                           |
| 3       | QPSK       | 8       | 7         | 21.85                                 | 22.02                                 | 21.89                                  | 16.06                          | 16.23                          | 16.1                            |
| 3       | QPSK       | 15      | 0         | 21.98                                 | 22.01                                 | 22.08                                  | 16.19                          | 16.22                          | 16.29                           |
| 3       | 16QAM      | 1       | 0         | 22.07                                 | 21.68                                 | 21.84                                  | 16.28                          | 15.89                          | 16.05                           |
| 3       | 16QAM      | 1       | 7         | 22.12                                 | 21.95                                 | 22.26                                  | 16.33                          | 16.16                          | 16.47                           |
| 3       | 16QAM      | 1       | 14        | 22.1                                  | 21.79                                 | 21.82                                  | 16.31                          | 16                             | 16.03                           |
| 3       | 16QAM      | 8       | 0         | 20.76                                 | 20.75                                 | 20.98                                  | 14.97                          | 14.96                          | 15.19                           |
| 3       | 16QAM      | 8       | 3         | 20.78                                 | 20.77                                 | 20.84                                  | 14.99                          | 14.98                          | 15.05                           |
| 3       | 16QAM      | 8       | 7         | 20.71                                 | 20.63                                 | 20.95                                  | 14.92                          | 14.84                          | 15.16                           |
| 3       | 16QAM      | 15      | 0         | 21.02                                 | 20.97                                 | 21.09                                  | 15.23                          | 15.18                          | 15.3                            |

| BW(MHz) | Modulation | RB Size | RB offset | POWER(dBm)<br>Low<br>Ch23035/701.5MHz | POWER(dBm)<br>Mid<br>Ch23095/707.5MHz | POWER(dBm)<br>High<br>Ch23155/713.5MHz | ERP<br>Low<br>Ch23035/701.5MHz | ERP<br>Mid<br>Ch23095/707.5MHz | ERP<br>High<br>Ch23155/713.5MHz |
|---------|------------|---------|-----------|---------------------------------------|---------------------------------------|----------------------------------------|--------------------------------|--------------------------------|---------------------------------|
| 5       | QPSK       | 1       | 0         | 22.86                                 | 22.89                                 | 22.63                                  | 17.07                          | 17.1                           | 16.84                           |
| 5       | QPSK       | 1       | 12        | 22.94                                 | 23.28                                 | 23.12                                  | 17.15                          | 17.49                          | 17.33                           |
| 5       | QPSK       | 1       | 24        | 23.14                                 | 22.62                                 | 22.88                                  | 17.35                          | 16.83                          | 17.09                           |
| 5       | QPSK       | 12      | 0         | 22.03                                 | 21.91                                 | 21.84                                  | 16.24                          | 16.12                          | 16.05                           |
| 5       | QPSK       | 12      | 6         | 22.02                                 | 21.98                                 | 21.96                                  | 16.23                          | 16.19                          | 16.17                           |
| 5       | QPSK       | 12      | 13        | 22.06                                 | 22.08                                 | 21.97                                  | 16.27                          | 16.29                          | 16.18                           |
| 5       | QPSK       | 25      | 0         | 21.97                                 | 21.94                                 | 21.88                                  | 16.18                          | 16.15                          | 16.09                           |
| 5       | 16QAM      | 1       | 0         | 21.78                                 | 21.21                                 | 21.19                                  | 15.99                          | 15.42                          | 15.4                            |
| 5       | 16QAM      | 1       | 12        | 21.63                                 | 21.43                                 | 21.71                                  | 15.84                          | 15.64                          | 15.92                           |
| 5       | 16QAM      | 1       | 24        | 21.84                                 | 21.32                                 | 21.63                                  | 16.05                          | 15.53                          | 15.84                           |
| 5       | 16QAM      | 12      | 0         | 20.8                                  | 20.82                                 | 20.81                                  | 15.01                          | 15.03                          | 15.02                           |
| 5       | 16QAM      | 12      | 6         | 20.88                                 | 20.73                                 | 20.91                                  | 15.09                          | 14.94                          | 15.12                           |
| 5       | 16QAM      | 12      | 13        | 20.97                                 | 20.85                                 | 20.82                                  | 15.18                          | 15.06                          | 15.03                           |
| 5       | 16QAM      | 25      | 0         | 20.92                                 | 20.99                                 | 20.79                                  | 15.13                          | 15.2                           | 15                              |
| BW(MHz) | Modulation | RB Size | RB offset | POWER(dBm)<br>Low<br>Ch23060/704MHz   | POWER(dBm)<br>Mid<br>Ch23095/707.5MHz | POWER(dBm)<br>High<br>Ch23130/711MHz   | ERP<br>Low<br>Ch23060/704MHz   | ERP<br>Mid<br>Ch23095/707.5MHz | ERP<br>High<br>Ch23130/711MHz   |
| 10      | QPSK       | 1       | 0         | 22.69                                 | 23.28                                 | 22.79                                  | 16.9                           | 17.49                          | 17                              |
| 10      | QPSK       | 1       | 24        | 22.81                                 | 22.75                                 | 22.58                                  | 17.02                          | 16.96                          | 16.79                           |
| 10      | QPSK       | 1       | 49        | 22.82                                 | 22.62                                 | 22.71                                  | 17.03                          | 16.83                          | 16.92                           |
| 10      | QPSK       | 25      | 0         | 22.82                                 | 23.22                                 | 22.96                                  | 17.03                          | 17.43                          | 17.17                           |
| 10      | QPSK       | 25      | 12        | 22.87                                 | 22.88                                 | 22.89                                  | 17.08                          | 17.09                          | 17.1                            |
| 10      | QPSK       | 25      | 25        | 22.92                                 | 22.78                                 | 22.92                                  | 17.13                          | 16.99                          | 17.13                           |
| 10      | QPSK       | 50      | 0         | 21.96                                 | 21.89                                 | 21.95                                  | 16.17                          | 16.1                           | 16.16                           |
| 10      | 16QAM      | 1       | 0         | 21.54                                 | 21.17                                 | 21.95                                  | 15.75                          | 15.38                          | 16.16                           |
| 10      | 16QAM      | 1       | 24        | 22.04                                 | 21.84                                 | 21.64                                  | 16.25                          | 16.05                          | 15.85                           |
| 10      | 16QAM      | 1       | 49        | 21.69                                 | 21.69                                 | 21.59                                  | 15.9                           | 15.9                           | 15.8                            |
| 10      | 16QAM      | 25      | 0         | 21.12                                 | 21.03                                 | 21.01                                  | 15.33                          | 15.24                          | 15.22                           |
| 10      | 16QAM      | 25      | 12        | 21.06                                 | 21.04                                 | 21.15                                  | 15.27                          | 15.25                          | 15.36                           |
| 10      | 16QAM      | 25      | 25        | 20.96                                 | 21.05                                 | 20.86                                  | 15.17                          | 15.26                          | 15.07                           |
| 10      | 16QAM      | 50      | 0         | 20.98                                 | 20.91                                 | 21.05                                  | 15.19                          | 15.12                          | 15.26                           |



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Band 13

| BW(MHz) | Modulation | RB Size | RB offset | POWER(dBm)<br>Low<br>Ch23205/779.5MHz        | POWER(dBm)<br>Mid<br>Ch23230/782MHz | POWER(dBm)<br>High<br>Ch23255/784.5MHz | ERP<br>Low<br>Ch23205/779.5MHz | ERP<br>Mid<br>Ch23230/782MHz | ERP<br>High<br>Ch23255/784.5MHz |
|---------|------------|---------|-----------|----------------------------------------------|-------------------------------------|----------------------------------------|--------------------------------|------------------------------|---------------------------------|
| 5       | QPSK       | 1       | 0         | 22.88                                        | 22.98                               | 23.07                                  | 19.63                          | 19.73                        | 19.82                           |
| 5       | QPSK       | 1       | 12        | 23.28                                        | 23.09                               | 23.25                                  | 20.03                          | 19.84                        | 20                              |
| 5       | QPSK       | 1       | 24        | 23.03                                        | 23.02                               | 23.11                                  | 19.78                          | 19.77                        | 19.86                           |
| 5       | QPSK       | 12      | 0         | 22.07                                        | 22.03                               | 22.07                                  | 18.82                          | 18.78                        | 18.82                           |
| 5       | QPSK       | 12      | 6         | 22.21                                        | 22.19                               | 22.17                                  | 18.96                          | 18.94                        | 18.92                           |
| 5       | QPSK       | 12      | 13        | 22.12                                        | 22.21                               | 22.18                                  | 18.87                          | 18.96                        | 18.93                           |
| 5       | QPSK       | 25      | 0         | 22.19                                        | 22.07                               | 22.04                                  | 18.94                          | 18.82                        | 18.79                           |
| 5       | 16QAM      | 1       | 0         | 21.64                                        | 21.48                               | 21.45                                  | 18.39                          | 18.23                        | 18.2                            |
| 5       | 16QAM      | 1       | 12        | 21.48                                        | 21.87                               | 21.24                                  | 18.23                          | 18.62                        | 17.99                           |
| 5       | 16QAM      | 1       | 24        | 21.59                                        | 21.02                               | 21.75                                  | 18.34                          | 17.77                        | 18.5                            |
| 5       | 16QAM      | 12      | 0         | 20.83                                        | 20.78                               | 21.22                                  | 17.58                          | 17.53                        | 17.97                           |
| 5       | 16QAM      | 12      | 6         | 21.08                                        | 21.19                               | 20.94                                  | 17.83                          | 17.94                        | 17.69                           |
| 5       | 16QAM      | 12      | 13        | 21.05                                        | 20.73                               | 21.06                                  | 17.8                           | 17.48                        | 17.81                           |
| 5       | 16QAM      | 25      | 0         | 21.01                                        | 21.02                               | 21.15                                  | 17.76                          | 17.77                        | 17.9                            |
| BW(MHz) | Modulation | RB Size | RB offset | POWER(dBm)<br>Low&Mid&High<br>Ch23230/782MHz |                                     |                                        | ERP<br>Mid<br>Ch23230/782MHz   |                              |                                 |
| 10      | QPSK       | 1       | 0         | 23.41                                        |                                     |                                        | 20.16                          |                              |                                 |
| 10      | QPSK       | 1       | 24        | 22.72                                        |                                     |                                        | 19.47                          |                              |                                 |
| 10      | QPSK       | 1       | 49        | 22.76                                        |                                     |                                        | 19.51                          |                              |                                 |
| 10      | QPSK       | 25      | 0         | 23.31                                        |                                     |                                        | 20.06                          |                              |                                 |
| 10      | QPSK       | 25      | 12        | 22.58                                        |                                     |                                        | 19.33                          |                              |                                 |
| 10      | QPSK       | 25      | 25        | 22.38                                        |                                     |                                        | 19.13                          |                              |                                 |
| 10      | QPSK       | 50      | 0         | 22.08                                        |                                     |                                        | 18.83                          |                              |                                 |
| 10      | 16QAM      | 1       | 0         | 21.97                                        |                                     |                                        | 18.72                          |                              |                                 |
| 10      | 16QAM      | 1       | 24        | 22.14                                        |                                     |                                        | 18.89                          |                              |                                 |
| 10      | 16QAM      | 1       | 49        | 21.65                                        |                                     |                                        | 18.4                           |                              |                                 |
| 10      | 16QAM      | 25      | 0         | 21.27                                        |                                     |                                        | 18.02                          |                              |                                 |
| 10      | 16QAM      | 25      | 12        | 21.07                                        |                                     |                                        | 17.82                          |                              |                                 |
| 10      | 16QAM      | 25      | 25        | 21.01                                        |                                     |                                        | 17.76                          |                              |                                 |
| 10      | 16QAM      | 50      | 0         | 21.11                                        |                                     |                                        | 17.86                          |                              |                                 |



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Band 66

| BW(MHz) | Modulation | RB Size | RB offset | POWER(dBm)<br>Low<br>Ch131979/1710.7MHz | POWER(dBm)<br>Mid<br>Ch132422/1755MHz | POWER(dBm)<br>High<br>Ch132665/1779.3MHz | EIRP<br>Low<br>Ch131979/1710.7MHz | EIRP<br>Mid<br>Ch132422/1755MHz | EIRP<br>High<br>Ch132665/1779.3MHz |
|---------|------------|---------|-----------|-----------------------------------------|---------------------------------------|------------------------------------------|-----------------------------------|---------------------------------|------------------------------------|
| 1.4     | QPSK       | 1       | 0         | 20.86                                   | 21.03                                 | 20.85                                    | 24.29                             | 24.46                           | 24.28                              |
| 1.4     | QPSK       | 1       | 3         | 21.08                                   | 21.05                                 | 21.01                                    | 24.51                             | 24.48                           | 24.44                              |
| 1.4     | QPSK       | 1       | 5         | 21.01                                   | 21.01                                 | 20.68                                    | 24.44                             | 24.44                           | 24.11                              |
| 1.4     | QPSK       | 3       | 0         | 20.91                                   | 20.75                                 | 20.76                                    | 24.34                             | 24.18                           | 24.19                              |
| 1.4     | QPSK       | 3       | 1         | 20.85                                   | 20.78                                 | 20.65                                    | 24.28                             | 24.21                           | 24.08                              |
| 1.4     | QPSK       | 3       | 3         | 20.83                                   | 20.81                                 | 20.58                                    | 24.26                             | 24.24                           | 24.01                              |
| 1.4     | QPSK       | 6       | 0         | 19.85                                   | 19.85                                 | 19.78                                    | 23.28                             | 23.28                           | 23.21                              |
| 1.4     | 16QAM      | 1       | 0         | 20.13                                   | 20.28                                 | 20.83                                    | 23.56                             | 23.71                           | 24.26                              |
| 1.4     | 16QAM      | 1       | 3         | 20.19                                   | 20.33                                 | 20.95                                    | 23.62                             | 23.76                           | 24.38                              |
| 1.4     | 16QAM      | 1       | 5         | 19.72                                   | 20.14                                 | 20.83                                    | 23.15                             | 23.57                           | 24.26                              |
| 1.4     | 16QAM      | 3       | 0         | 19.88                                   | 19.81                                 | 19.64                                    | 23.31                             | 23.24                           | 23.07                              |
| 1.4     | 16QAM      | 3       | 1         | 19.84                                   | 19.85                                 | 19.58                                    | 23.27                             | 23.28                           | 23.01                              |
| 1.4     | 16QAM      | 3       | 3         | 19.94                                   | 19.92                                 | 19.54                                    | 23.37                             | 23.35                           | 22.97                              |
| 1.4     | 16QAM      | 6       | 0         | 18.92                                   | 18.92                                 | 18.71                                    | 22.35                             | 22.35                           | 22.14                              |
| BW(MHz) | Modulation | RB Size | RB offset | POWER(dBm)<br>Low<br>Ch131987/1711.5MHz | POWER(dBm)<br>Mid<br>Ch132422/1755MHz | POWER(dBm)<br>High<br>Ch132657/1778.5MHz | EIRP<br>Low<br>Ch131987/1711.5MHz | EIRP<br>Mid<br>Ch132422/1755MHz | EIRP<br>High<br>Ch132657/1778.5MHz |
| 3       | QPSK       | 1       | 0         | 20.73                                   | 20.74                                 | 20.76                                    | 24.16                             | 24.17                           | 24.19                              |
| 3       | QPSK       | 1       | 7         | 20.81                                   | 20.56                                 | 20.54                                    | 24.24                             | 23.99                           | 23.97                              |
| 3       | QPSK       | 1       | 14        | 20.72                                   | 20.72                                 | 20.57                                    | 24.15                             | 24.15                           | 24                                 |
| 3       | QPSK       | 8       | 0         | 20.37                                   | 20.36                                 | 20.35                                    | 23.8                              | 23.79                           | 23.78                              |
| 3       | QPSK       | 8       | 3         | 20.38                                   | 20.39                                 | 20.34                                    | 23.81                             | 23.82                           | 23.77                              |
| 3       | QPSK       | 8       | 7         | 20.33                                   | 20.38                                 | 20.33                                    | 23.76                             | 23.81                           | 23.76                              |
| 3       | QPSK       | 15      | 0         | 19.98                                   | 19.88                                 | 19.74                                    | 23.41                             | 23.31                           | 23.17                              |
| 3       | 16QAM      | 1       | 0         | 20.62                                   | 20.42                                 | 20.36                                    | 24.05                             | 23.85                           | 23.79                              |
| 3       | 16QAM      | 1       | 7         | 20.21                                   | 20.53                                 | 20.44                                    | 23.64                             | 23.96                           | 23.87                              |
| 3       | 16QAM      | 1       | 14        | 20.18                                   | 20.36                                 | 20.48                                    | 23.61                             | 23.79                           | 23.91                              |
| 3       | 16QAM      | 8       | 0         | 18.97                                   | 19.23                                 | 19.03                                    | 22.4                              | 22.66                           | 22.46                              |
| 3       | 16QAM      | 8       | 3         | 18.95                                   | 19.12                                 | 19.05                                    | 22.38                             | 22.55                           | 22.48                              |
| 3       | 16QAM      | 8       | 7         | 19.01                                   | 19.08                                 | 19.11                                    | 22.44                             | 22.51                           | 22.54                              |
| 3       | 16QAM      | 15      | 0         | 18.85                                   | 18.81                                 | 18.76                                    | 22.28                             | 22.24                           | 22.19                              |

| BW(MHz) | Modulation | RB Size | RB offset | POWER(dBm)<br>Low<br>Ch131997/1712.5MHz | POWER(dBm)<br>Mid<br>Ch132422/1755MHz | POWER(dBm)<br>High<br>Ch132647/1777.5MHz | EIRP<br>Low<br>Ch131997/1712.5MHz | EIRP<br>Mid<br>Ch132422/1755MHz | EIRP<br>High<br>Ch132647/1777.5MHz |
|---------|------------|---------|-----------|-----------------------------------------|---------------------------------------|------------------------------------------|-----------------------------------|---------------------------------|------------------------------------|
| 5       | QPSK       | 1       | 0         | 20.69                                   | 20.92                                 | 20.79                                    | 24.12                             | 24.35                           | 24.22                              |
| 5       | QPSK       | 1       | 12        | 21.31                                   | 20.82                                 | 20.83                                    | 24.74                             | 24.25                           | 24.26                              |
| 5       | QPSK       | 1       | 24        | 20.71                                   | 20.72                                 | 20.55                                    | 24.14                             | 24.15                           | 23.98                              |
| 5       | QPSK       | 12      | 0         | 20.44                                   | 20.32                                 | 20.25                                    | 23.87                             | 23.75                           | 23.68                              |
| 5       | QPSK       | 12      | 6         | 20.41                                   | 20.3                                  | 20.24                                    | 23.84                             | 23.73                           | 23.67                              |
| 5       | QPSK       | 12      | 13        | 20.39                                   | 20.33                                 | 20.11                                    | 23.82                             | 23.76                           | 23.54                              |
| 5       | QPSK       | 25      | 0         | 19.91                                   | 19.76                                 | 19.81                                    | 23.34                             | 23.19                           | 23.24                              |
| 5       | 16QAM      | 1       | 0         | 19.62                                   | 19.75                                 | 19.86                                    | 23.05                             | 23.18                           | 23.29                              |
| 5       | 16QAM      | 1       | 12        | 19.72                                   | 19.82                                 | 19.57                                    | 23.15                             | 23.25                           | 23                                 |
| 5       | 16QAM      | 1       | 24        | 19.48                                   | 19.73                                 | 19.11                                    | 22.91                             | 23.16                           | 22.54                              |
| 5       | 16QAM      | 12      | 0         | 19.06                                   | 18.75                                 | 18.92                                    | 22.49                             | 22.18                           | 22.35                              |
| 5       | 16QAM      | 12      | 6         | 19.01                                   | 18.8                                  | 18.91                                    | 22.44                             | 22.23                           | 22.34                              |
| 5       | 16QAM      | 12      | 13        | 19.04                                   | 18.74                                 | 18.77                                    | 22.47                             | 22.17                           | 22.2                               |
| 5       | 16QAM      | 25      | 0         | 19.01                                   | 18.89                                 | 18.79                                    | 22.44                             | 22.32                           | 22.22                              |
| BW(MHz) | Modulation | RB Size | RB offset | POWER(dBm)<br>Low<br>Ch132022/1715MHz   | POWER(dBm)<br>Mid<br>Ch132422/1755MHz | POWER(dBm)<br>High<br>Ch132622/1775MHz   | EIRP<br>Low<br>Ch132022/1715MHz   | EIRP<br>Mid<br>Ch132422/1755MHz | EIRP<br>High<br>Ch132622/1775MHz   |
| 10      | QPSK       | 1       | 0         | 20.79                                   | 20.74                                 | 20.78                                    | 24.22                             | 24.17                           | 24.21                              |
| 10      | QPSK       | 1       | 24        | 21.15                                   | 20.91                                 | 20.96                                    | 24.58                             | 24.34                           | 24.39                              |
| 10      | QPSK       | 1       | 49        | 20.72                                   | 20.75                                 | 20.63                                    | 24.15                             | 24.18                           | 24.06                              |
| 10      | QPSK       | 25      | 0         | 20.48                                   | 20.45                                 | 20.49                                    | 23.91                             | 23.88                           | 23.92                              |
| 10      | QPSK       | 25      | 12        | 20.49                                   | 20.48                                 | 20.47                                    | 23.92                             | 23.91                           | 23.9                               |
| 10      | QPSK       | 25      | 25        | 20.45                                   | 20.5                                  | 20.44                                    | 23.88                             | 23.93                           | 23.87                              |
| 10      | QPSK       | 50      | 0         | 19.89                                   | 19.88                                 | 19.83                                    | 23.32                             | 23.31                           | 23.26                              |
| 10      | 16QAM      | 1       | 0         | 20.29                                   | 19.76                                 | 20.35                                    | 23.72                             | 23.19                           | 23.78                              |
| 10      | 16QAM      | 1       | 24        | 20.45                                   | 19.75                                 | 20.55                                    | 23.88                             | 23.18                           | 23.98                              |
| 10      | 16QAM      | 1       | 49        | 20.44                                   | 19.68                                 | 19.73                                    | 23.87                             | 23.11                           | 23.16                              |
| 10      | 16QAM      | 25      | 0         | 19.03                                   | 18.72                                 | 19.03                                    | 22.46                             | 22.15                           | 22.46                              |
| 10      | 16QAM      | 25      | 12        | 19.04                                   | 18.79                                 | 18.92                                    | 22.47                             | 22.22                           | 22.35                              |
| 10      | 16QAM      | 25      | 25        | 19.06                                   | 18.86                                 | 18.89                                    | 22.49                             | 22.29                           | 22.32                              |
| 10      | 16QAM      | 50      | 0         | 18.89                                   | 18.95                                 | 18.73                                    | 22.32                             | 22.38                           | 22.16                              |



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| BW(MHz) | Modulation | RB Size | RB offset | POWER(dBm)<br>Low<br>Ch132047/1717.5MHz | POWER(dBm)<br>Mid<br>Ch132422/1755MHz | POWER(dBm)<br>High<br>Ch132597/1772.5MHz | EIRP<br>Low<br>Ch132047/1717.5MHz | EIRP<br>Mid<br>Ch132422/1755MHz | EIRP<br>High<br>Ch132597/1772.5MHz |
|---------|------------|---------|-----------|-----------------------------------------|---------------------------------------|------------------------------------------|-----------------------------------|---------------------------------|------------------------------------|
| 15      | QPSK       | 1       | 0         | 20.67                                   | 20.66                                 | 20.74                                    | 24.1                              | 24.09                           | 24.17                              |
| 15      | QPSK       | 1       | 37        | 20.7                                    | 20.73                                 | 20.86                                    | 24.13                             | 24.16                           | 24.29                              |
| 15      | QPSK       | 1       | 74        | 20.58                                   | 20.61                                 | 20.49                                    | 24.01                             | 24.04                           | 23.92                              |
| 15      | QPSK       | 36      | 0         | 20.44                                   | 20.46                                 | 20.52                                    | 23.87                             | 23.89                           | 23.95                              |
| 15      | QPSK       | 36      | 19        | 20.45                                   | 20.44                                 | 20.48                                    | 23.88                             | 23.87                           | 23.91                              |
| 15      | QPSK       | 36      | 39        | 20.41                                   | 20.45                                 | 20.35                                    | 23.84                             | 23.88                           | 23.78                              |
| 15      | QPSK       | 75      | 0         | 19.84                                   | 19.78                                 | 19.79                                    | 23.27                             | 23.21                           | 23.22                              |
| 15      | 16QAM      | 1       | 0         | 20.56                                   | 20.34                                 | 20.07                                    | 23.99                             | 23.77                           | 23.5                               |
| 15      | 16QAM      | 1       | 37        | 20.23                                   | 20.05                                 | 19.98                                    | 23.66                             | 23.48                           | 23.41                              |
| 15      | 16QAM      | 1       | 74        | 20.17                                   | 20.33                                 | 20.04                                    | 23.6                              | 23.76                           | 23.47                              |
| 15      | 16QAM      | 36      | 0         | 18.81                                   | 18.99                                 | 18.92                                    | 22.24                             | 22.42                           | 22.35                              |
| 15      | 16QAM      | 36      | 19        | 18.85                                   | 18.94                                 | 18.89                                    | 22.28                             | 22.37                           | 22.32                              |
| 15      | 16QAM      | 36      | 39        | 18.83                                   | 18.93                                 | 18.81                                    | 22.26                             | 22.36                           | 22.24                              |
| 15      | 16QAM      | 75      | 0         | 18.87                                   | 18.82                                 | 18.79                                    | 22.3                              | 22.25                           | 22.22                              |
| BW(MHz) | Modulation | RB Size | RB offset | POWER(dBm)<br>Low<br>Ch132072/1720MHz   | POWER(dBm)<br>Mid<br>Ch132422/1755MHz | POWER(dBm)<br>High<br>Ch132572/1770MHz   | EIRP<br>Low<br>Ch132072/1720MHz   | EIRP<br>Mid<br>Ch132422/1755MHz | EIRP<br>High<br>Ch132572/1770MHz   |
| 20      | QPSK       | 1       | 0         | 21.53                                   | 21.78                                 | 21.68                                    | 24.96                             | 25.21                           | 25.11                              |
| 20      | QPSK       | 1       | 49        | 21.23                                   | 21.44                                 | 21.58                                    | 24.66                             | 24.87                           | 25.01                              |
| 20      | QPSK       | 1       | 99        | 21.67                                   | 21.43                                 | 21.21                                    | 25.1                              | 24.86                           | 24.64                              |
| 20      | QPSK       | 50      | 0         | 20.64                                   | 21.73                                 | 20.55                                    | 24.07                             | 25.16                           | 23.98                              |
| 20      | QPSK       | 50      | 25        | 20.65                                   | 20.59                                 | 20.59                                    | 24.08                             | 24.02                           | 24.02                              |
| 20      | QPSK       | 50      | 50        | 20.68                                   | 20.51                                 | 20.58                                    | 24.11                             | 23.94                           | 24.01                              |
| 20      | QPSK       | 100     | 0         | 19.85                                   | 19.75                                 | 19.74                                    | 23.28                             | 23.18                           | 23.17                              |
| 20      | 16QAM      | 1       | 0         | 19.25                                   | 19.96                                 | 20.07                                    | 22.68                             | 23.39                           | 23.5                               |
| 20      | 16QAM      | 1       | 49        | 19.79                                   | 19.87                                 | 20.54                                    | 23.22                             | 23.3                            | 23.97                              |
| 20      | 16QAM      | 1       | 99        | 19.89                                   | 19.55                                 | 20.08                                    | 23.32                             | 22.98                           | 23.51                              |
| 20      | 16QAM      | 50      | 0         | 18.58                                   | 18.74                                 | 18.81                                    | 22.01                             | 22.17                           | 22.24                              |
| 20      | 16QAM      | 50      | 25        | 18.76                                   | 18.77                                 | 18.79                                    | 22.19                             | 22.2                            | 22.22                              |
| 20      | 16QAM      | 50      | 50        | 18.8                                    | 18.69                                 | 18.81                                    | 22.23                             | 22.12                           | 22.24                              |
| 20      | 16QAM      | 100     | 0         | 18.78                                   | 18.73                                 | 18.78                                    | 22.21                             | 22.16                           | 22.21                              |

Note:

EIRP = Conducted power + antenna gain

ERP = EIRP -2.15

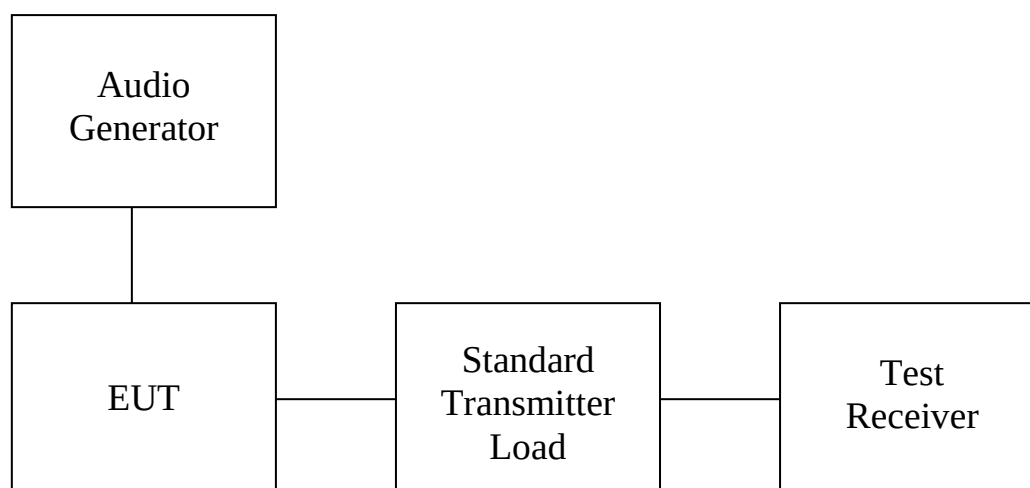
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## **4 Modulation Characteristics**

### **4.1 Test procedure**

- ☐ A curve or equivalent data showing the frequency response of the audio modulating circuit over a range of 100 to 5000 Hz shall be submitted.  
The audio signal generator is connected to the audio input of the EUT with its full rating. The modulation response is measured at certain modulation frequencies, related to 1000Hz reference signal. Tests are performed for positive and negative modulation.
- ☐ Equipment which employs modulation Limiting: A curve or family of curves showing the percentage of modulation versus the modulation input voltage shall be supplied. The audio signal generator is connected to the audio input of the EUT with its full rating. The modulation limiting is measured at certain modulation frequencies from 100Hz to 15kHz.



### **4.2 Test Results**

For digital modulation employed, this test item is not applicable.

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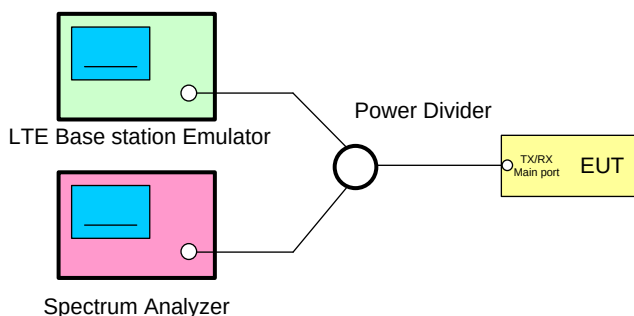
## 5 Peak-to-Average Ratio

The peak-to-average power ratio (PAPR) of the transmitter output power must not exceed 13 dB. The PAPR measurements should be made using either an instrument with complementary cumulative distribution function (CCDF) capabilities to determine that PAPR will not exceed 13 dB for more than 0.1 percent of the time or other Commission approved procedure. The measurement must be performed using a signal corresponding to the highest PAPR expected during periods of continuous transmission.

### 5.1 Test procedure

1. The EUT main port was connected to the LTE emulator and spectrum analyzer via power divider
2. For Spectrum Analyzer setting :
3. Set the CCDF function in spectrum analyzer.
4. Set RBW  $\geq$  signal's occupied bandwidth.
5. Set the number of counts to a value that stabilizes the measured CCDF curve.
6. Set the measurement interval (sweep time) to 1ms.
7. The highest RF powers were measured and recorded the maximum PAPR level associated with a probability of 0.1%
8. Record the deviation as Peak to Average Ratio.

### 5.2 Test Set up





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## 5.3 Test Results

Test date: July 08, 2026

Temperature: 27.0 °C

Humidity: 51.2 %

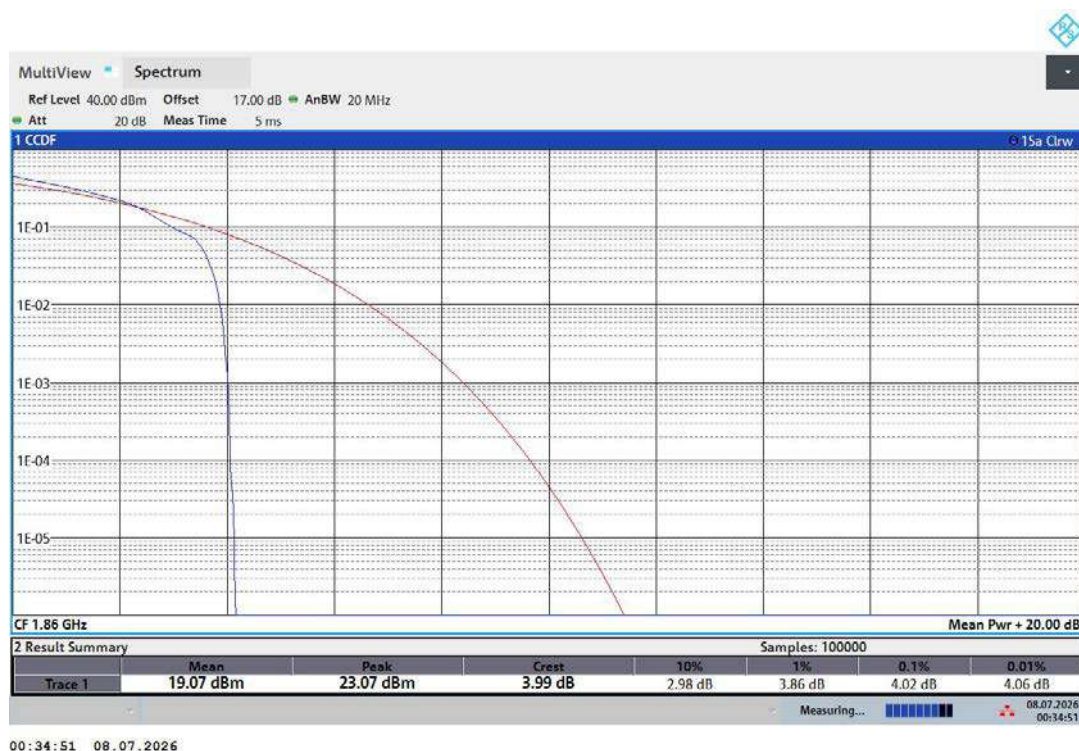
Tester: Sora

Band 2

20 MHz

16QAM

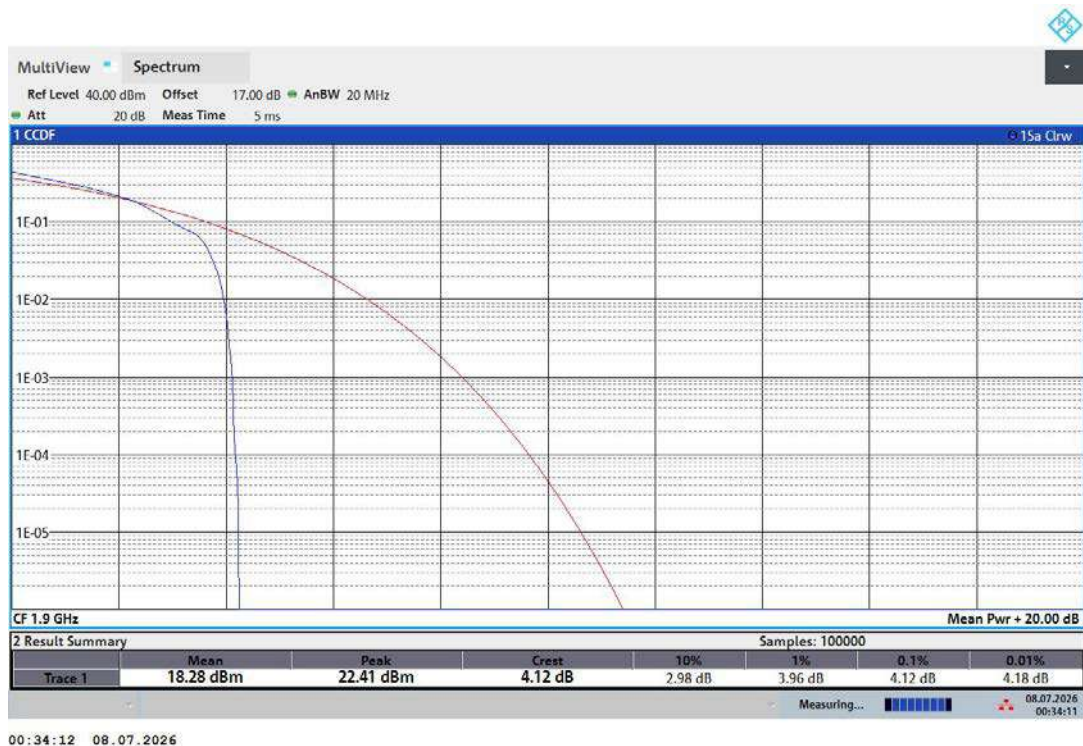
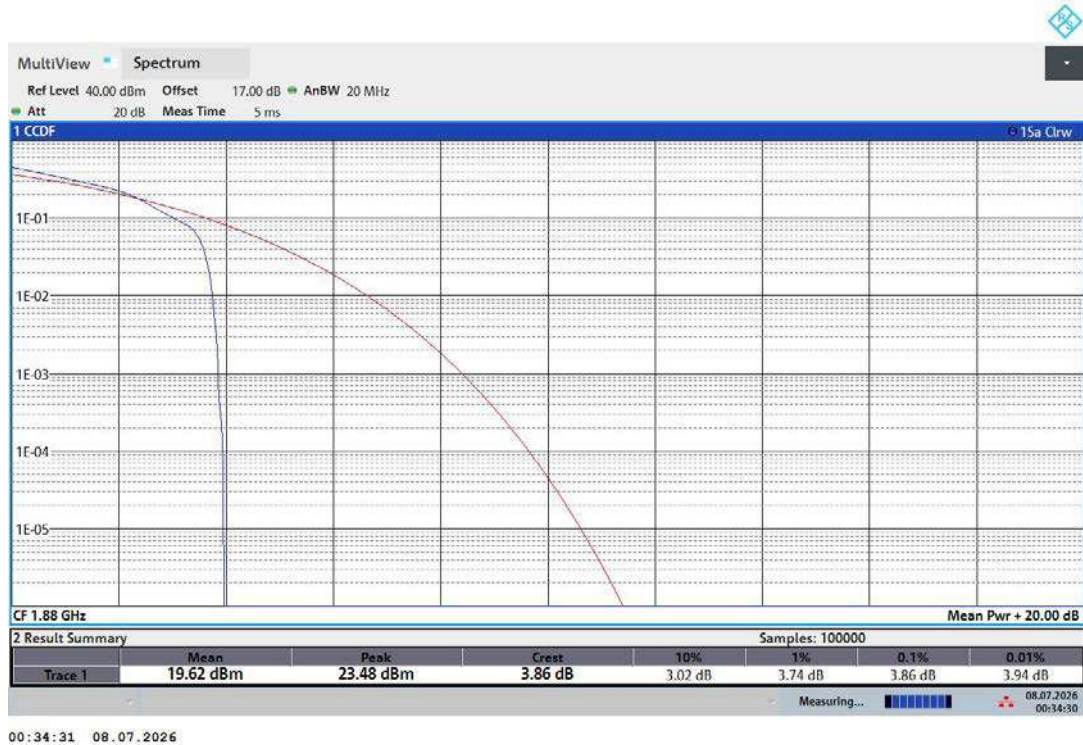
1RB





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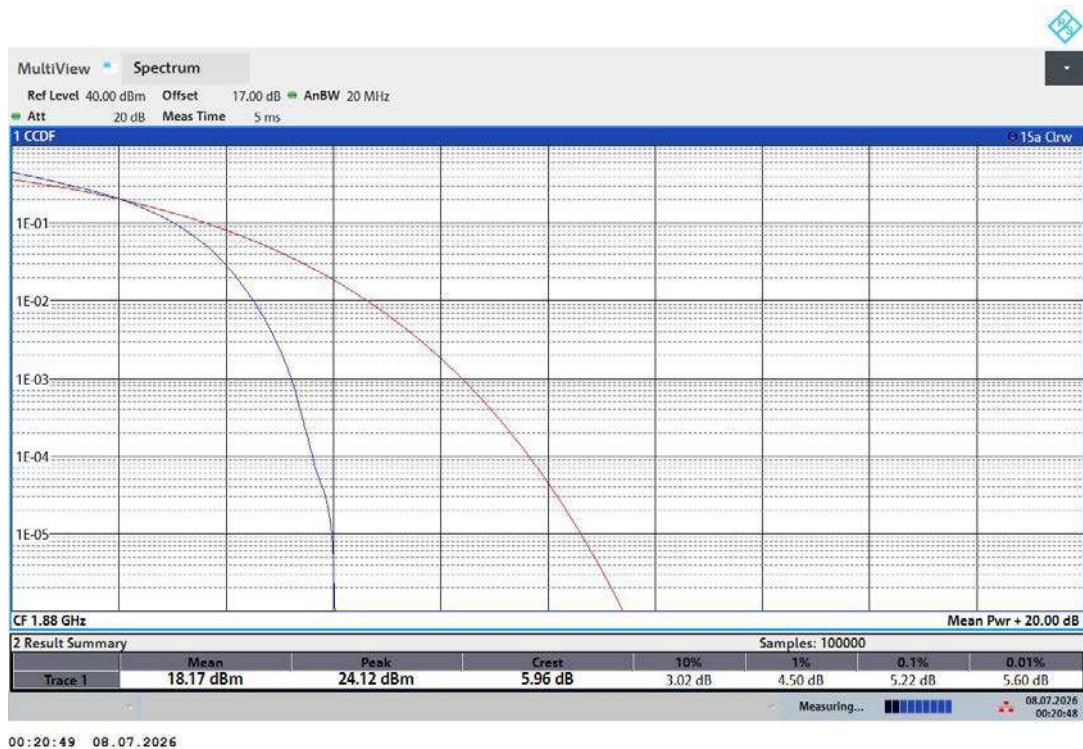
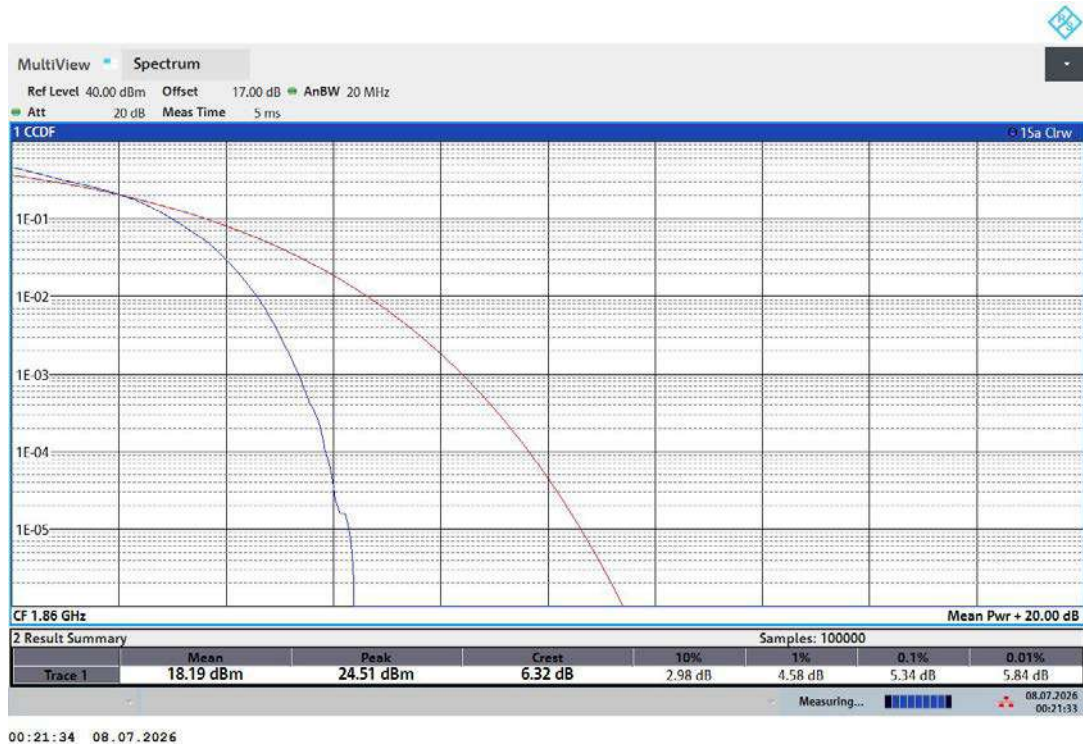




Registration number: W6M22606-25211-C-247

FCC ID: K44529701

FRB



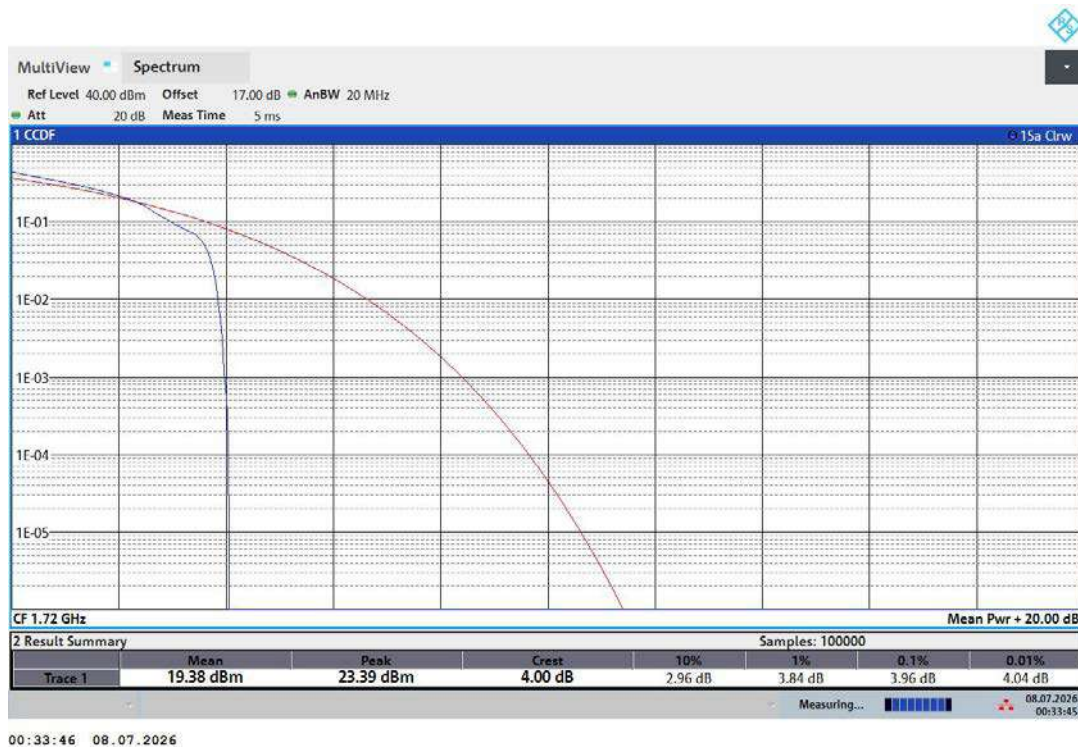


Registration number: W6M22606-25211-C-247

FCC ID: K44529701



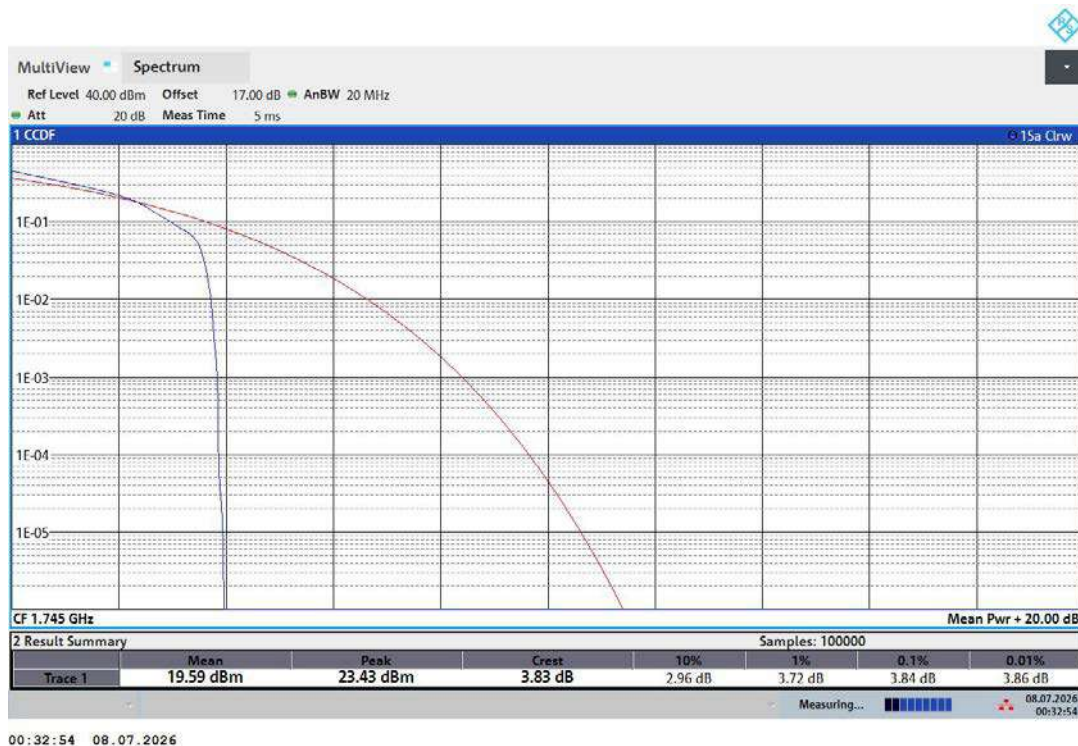
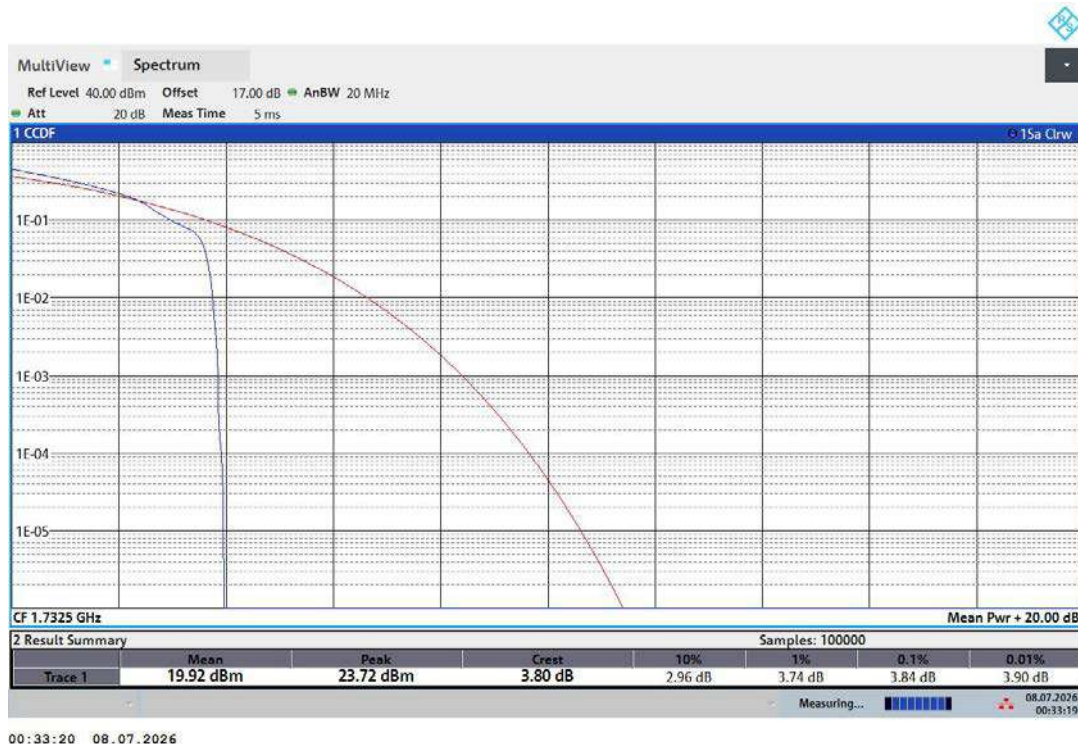
Band 4  
20 MHz  
16QAM  
1RB





Registration number: W6M22606-25211-C-247

FCC ID: K44529701

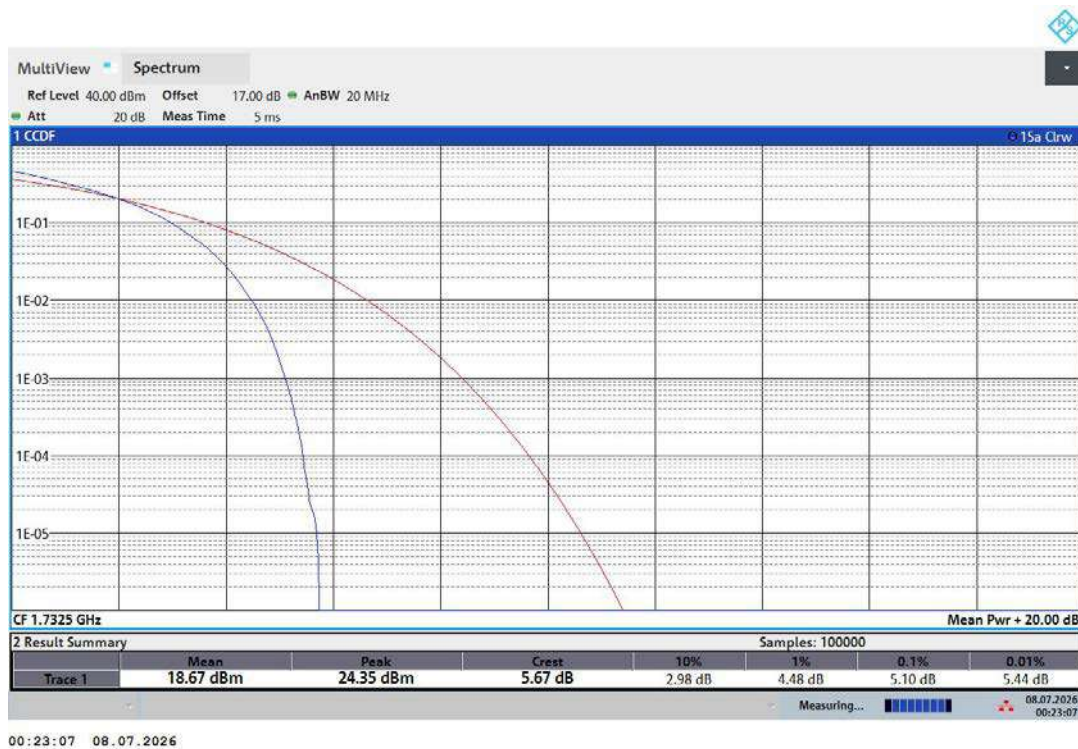
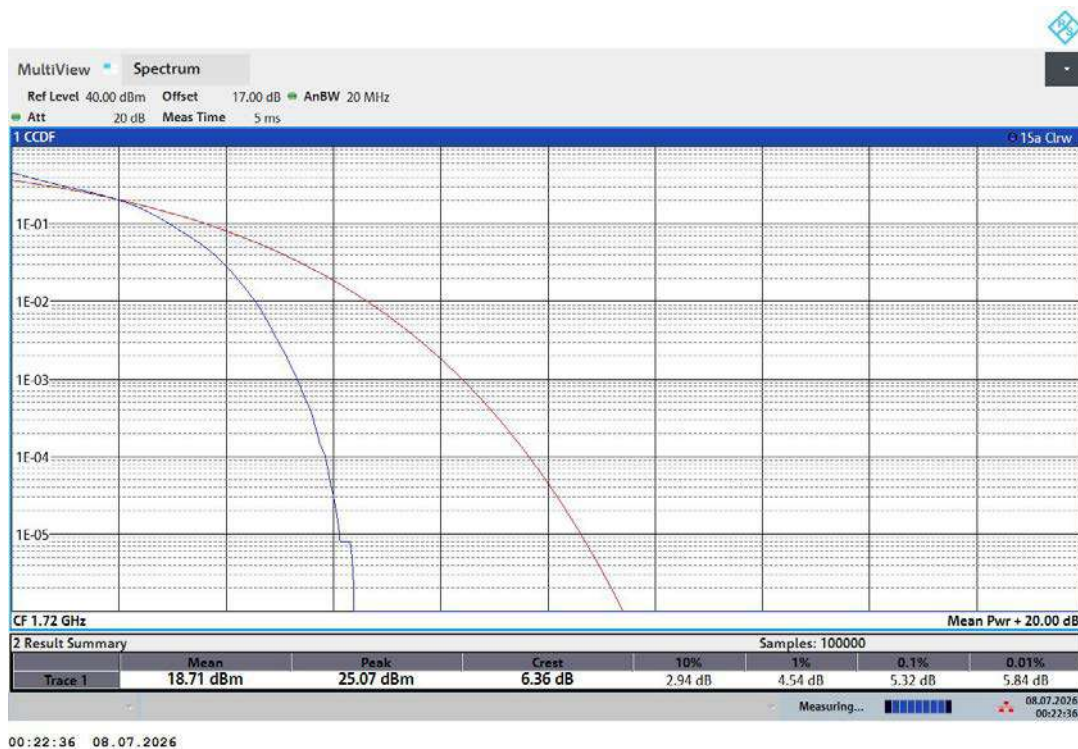




Registration number: W6M22606-25211-C-247

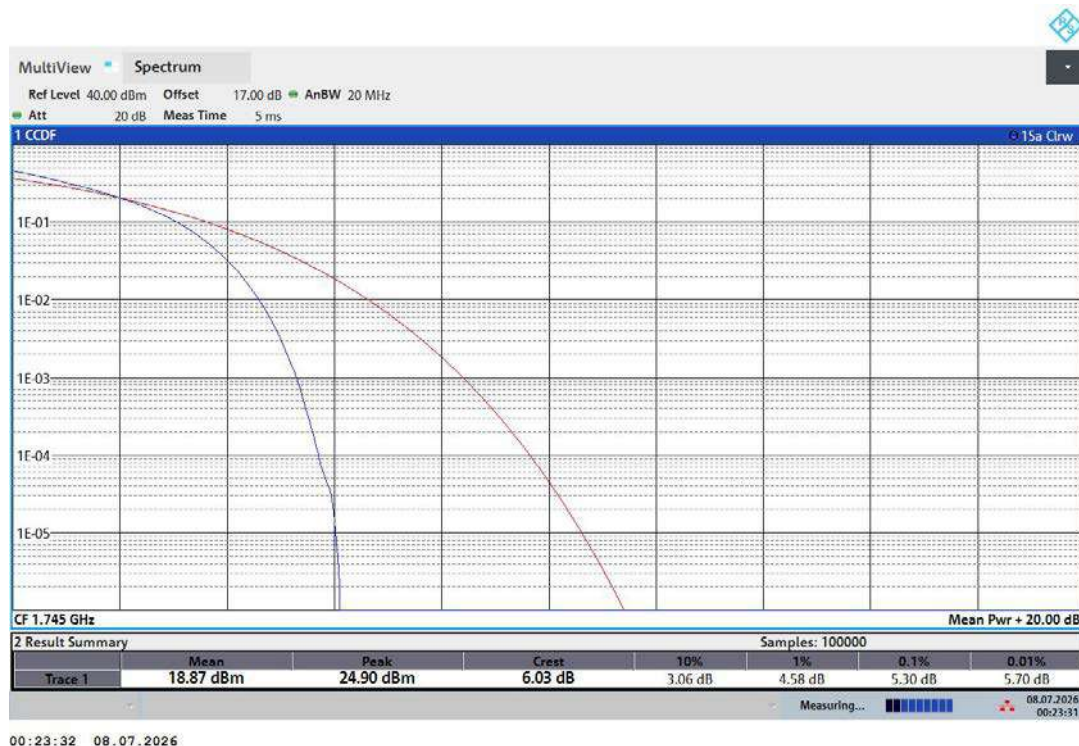
FCC ID: K44529701

FRB

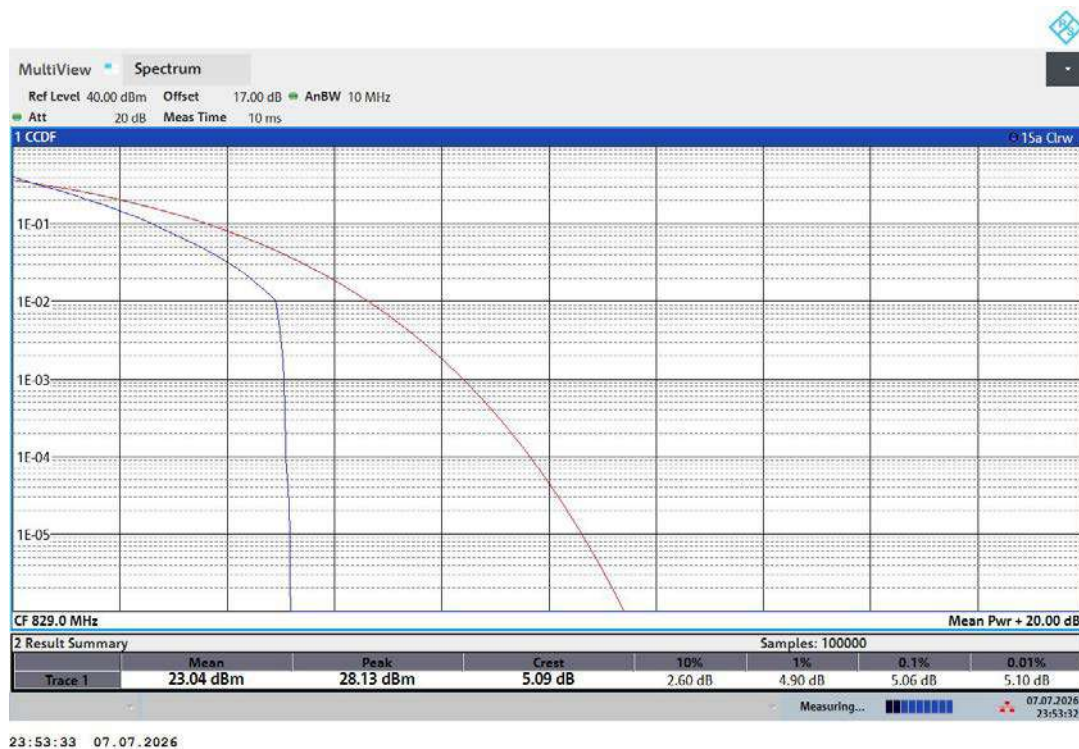




Registration number: W6M22606-25211-C-247  
FCC ID: K44529701



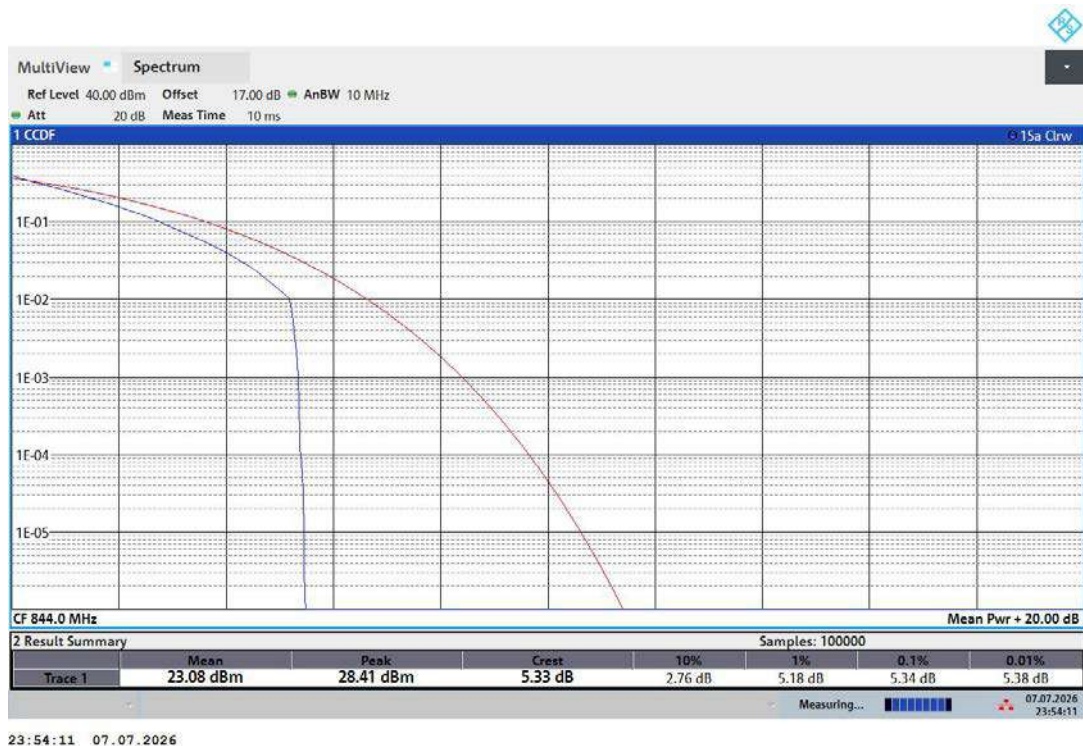
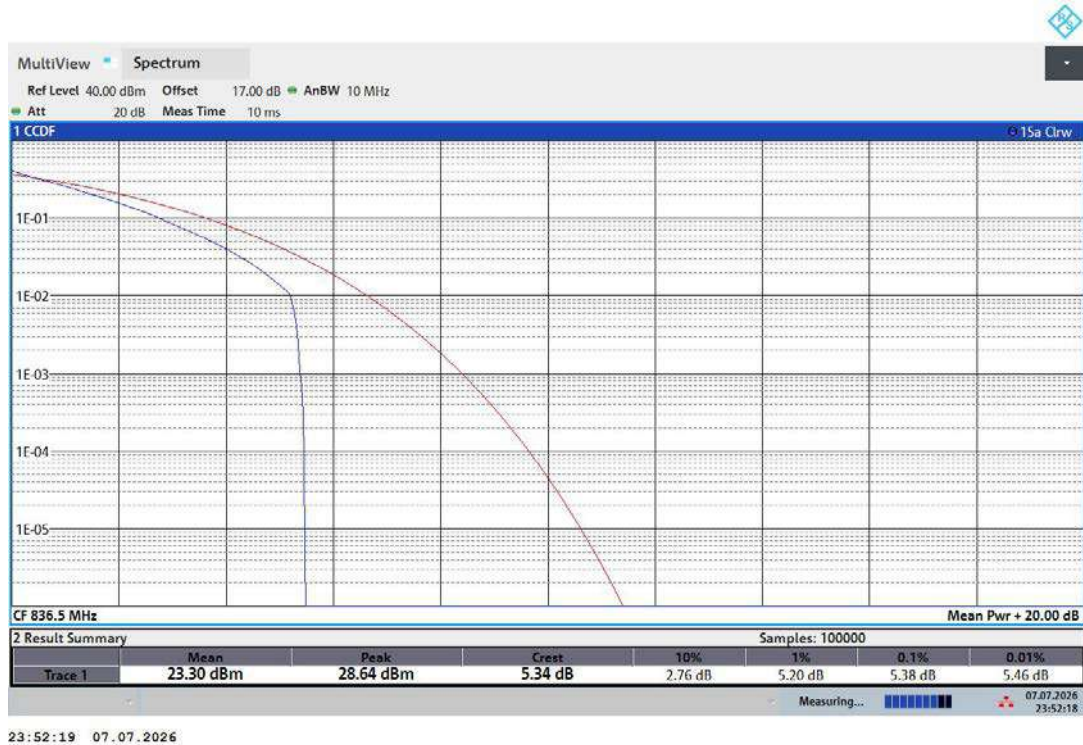
Band 5  
10 MHz  
16QAM  
1RB





Registration number: W6M22606-25211-C-247

FCC ID: K44529701

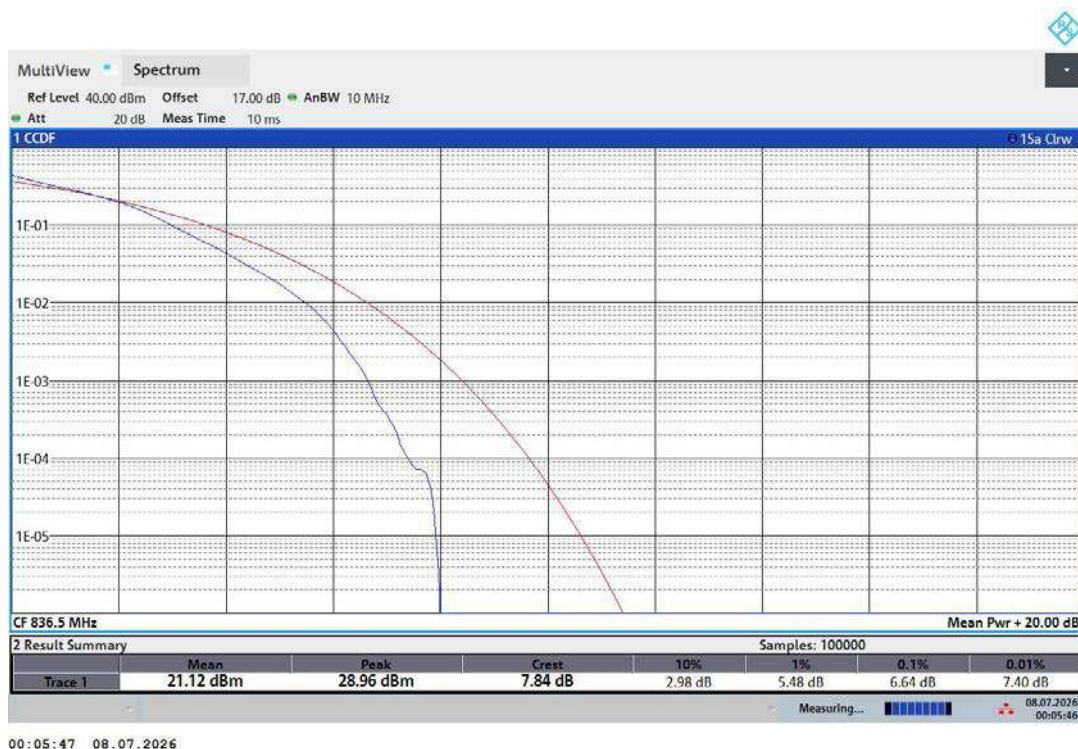
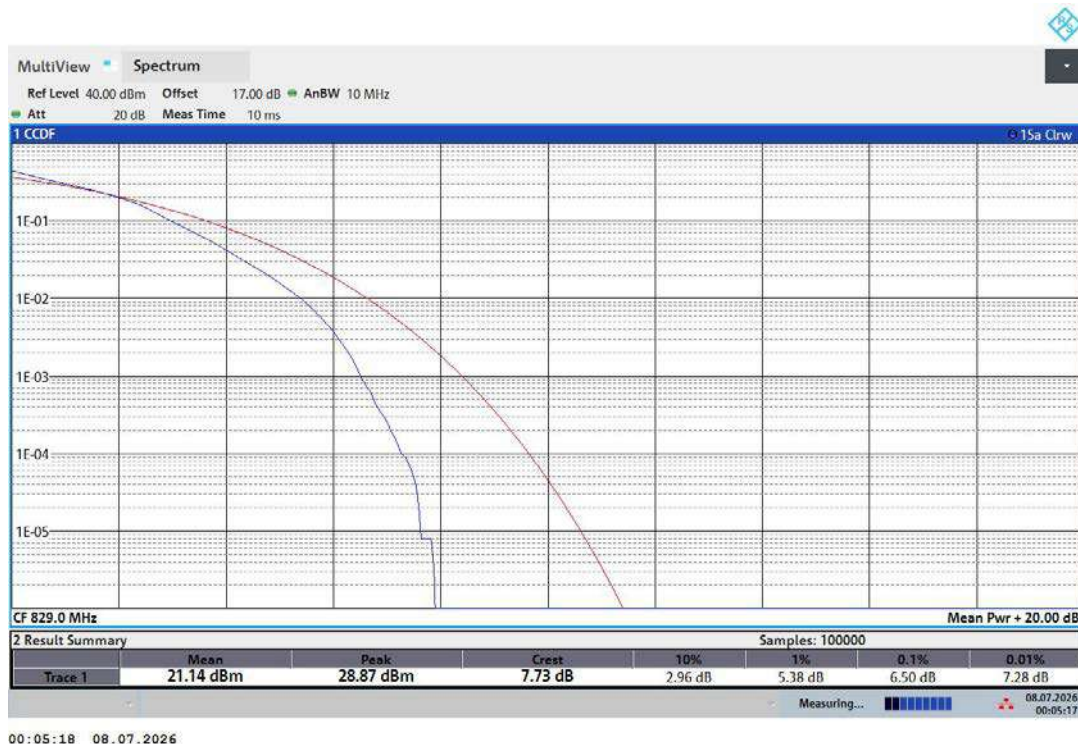




Registration number: W6M22606-25211-C-247

FCC ID: K44529701

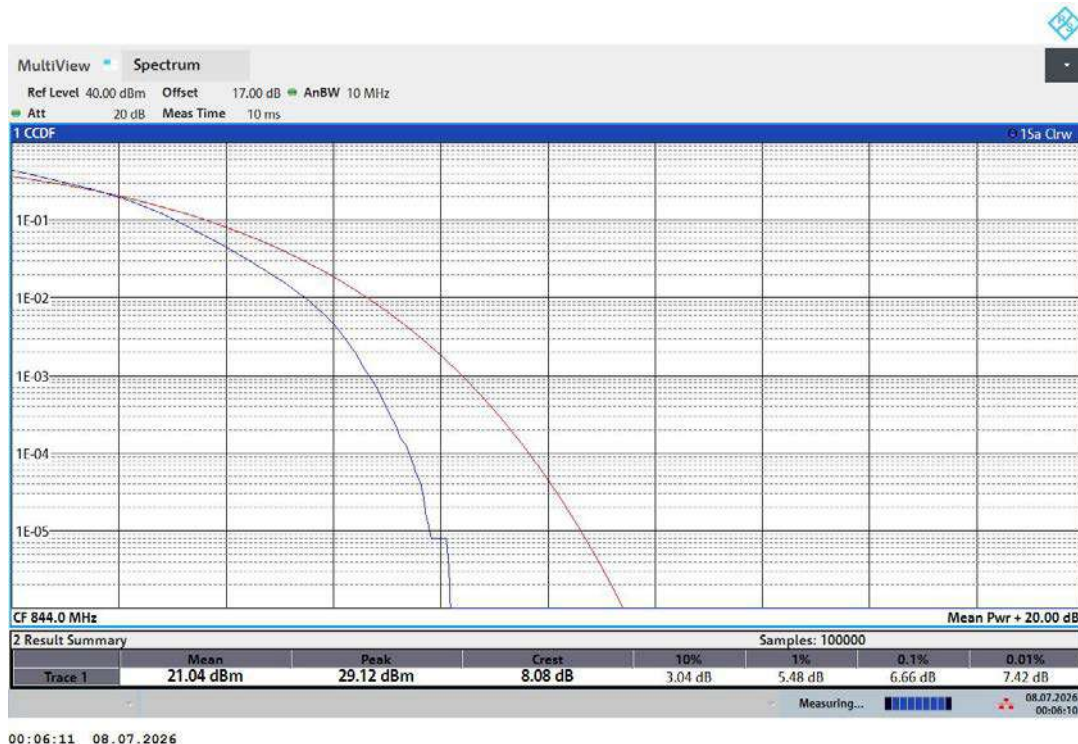
FRB



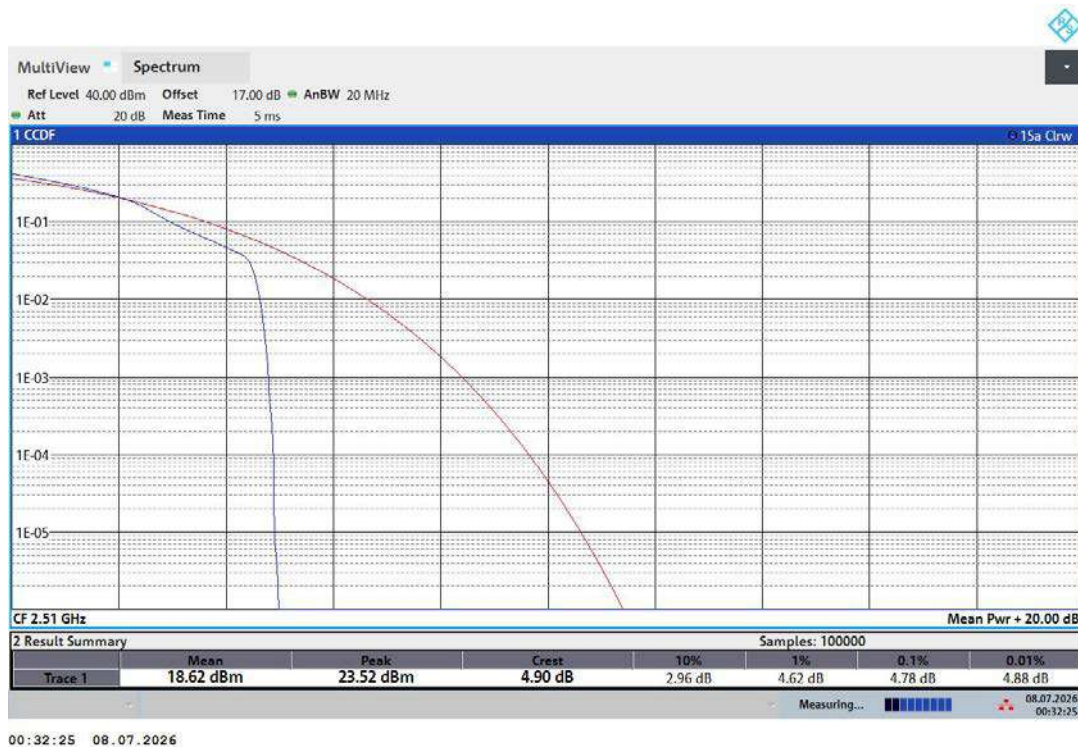


Registration number: W6M22606-25211-C-247

FCC ID: K44529701

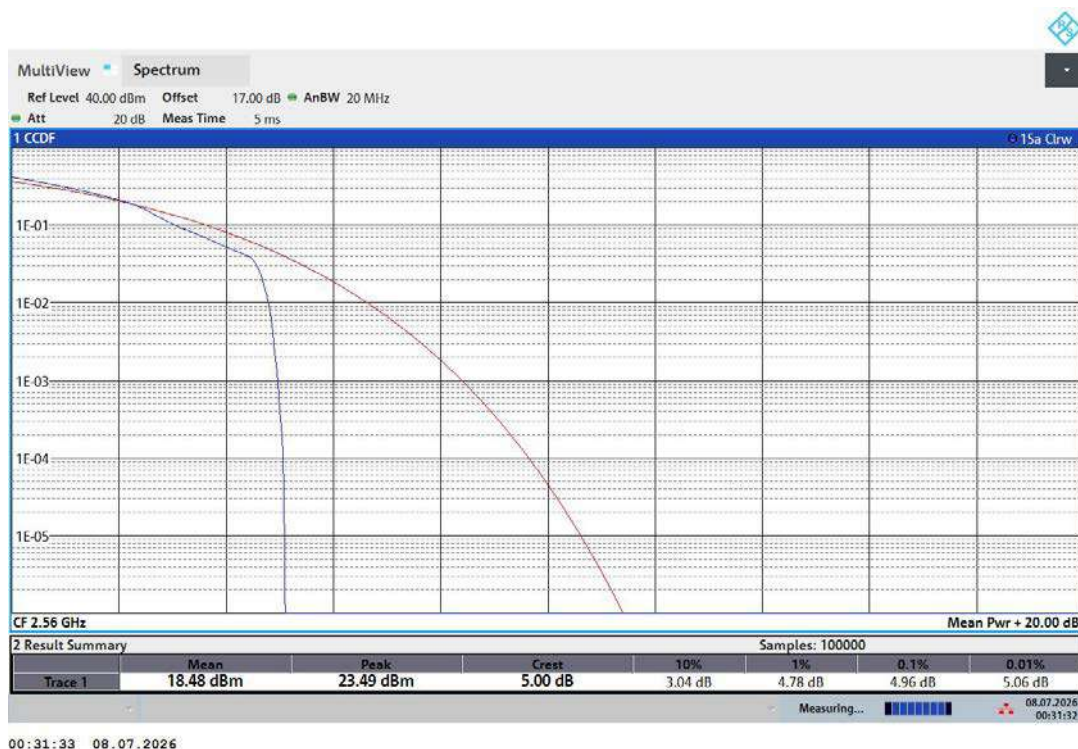
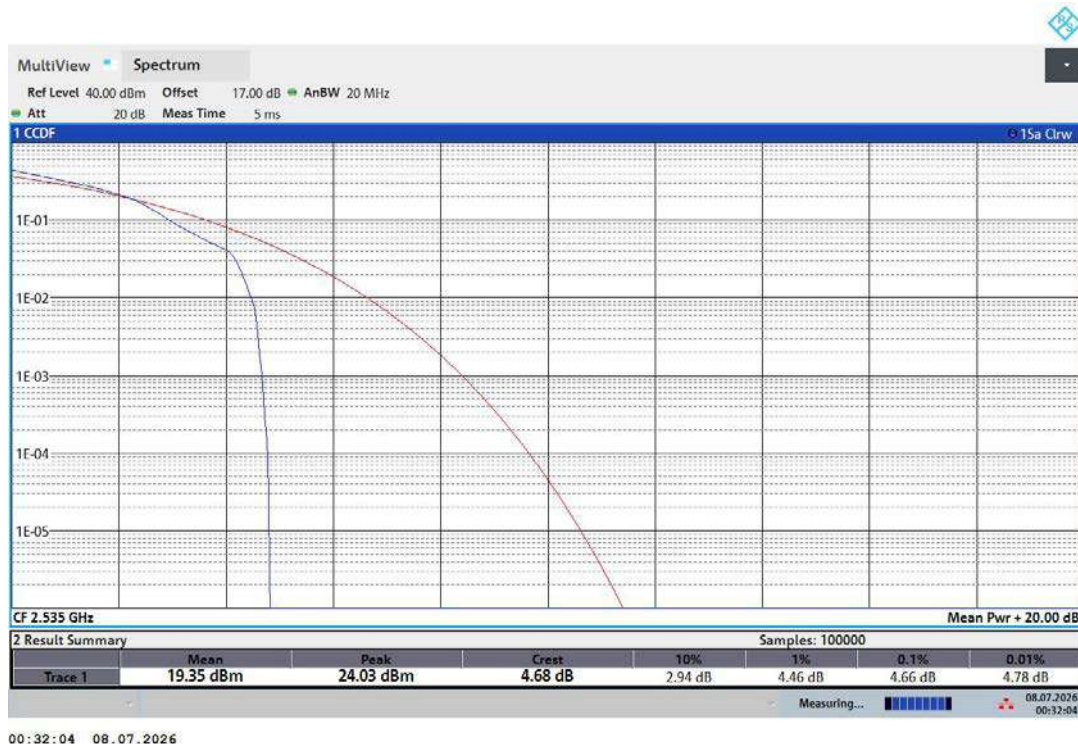


Band 7  
20 MHz  
16QAM  
1RB



Registration number: W6M22606-25211-C-247

FCC ID: K44529701

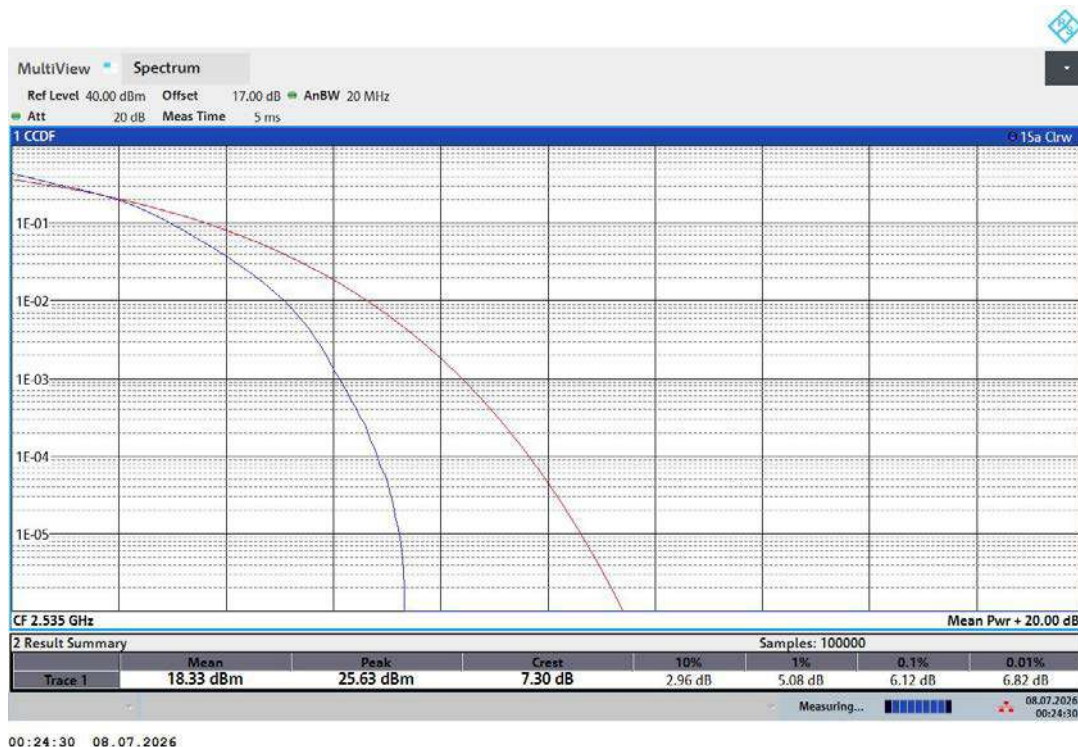
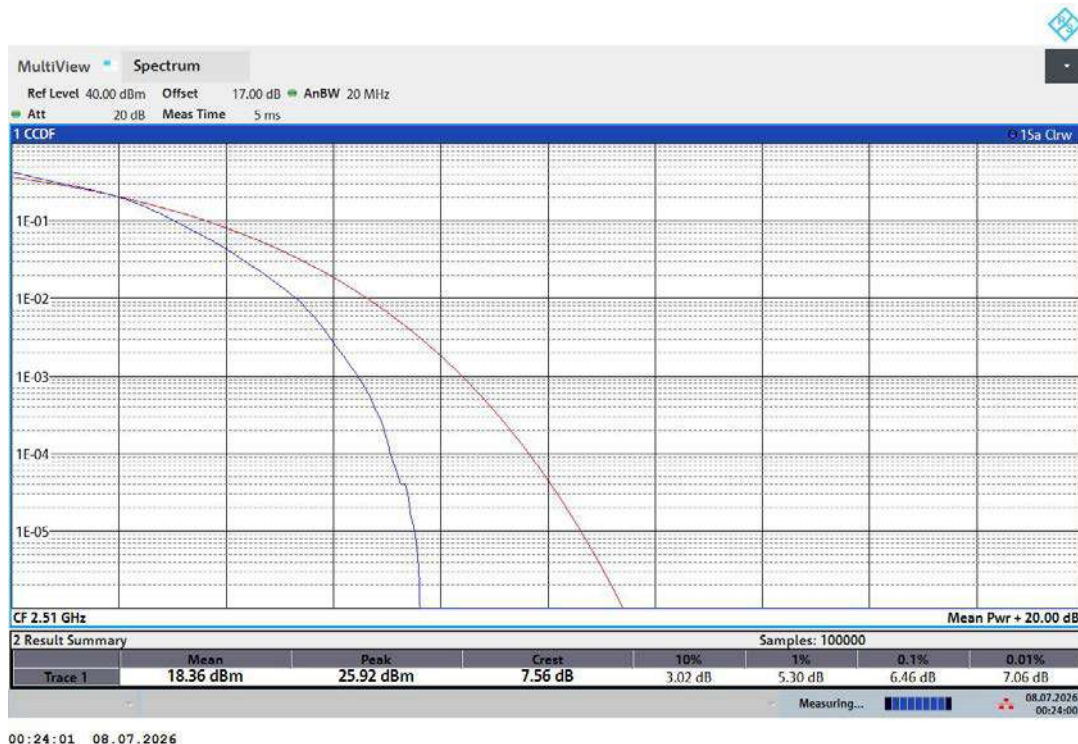




Registration number: W6M22606-25211-C-247

FCC ID: K44529701

FRB



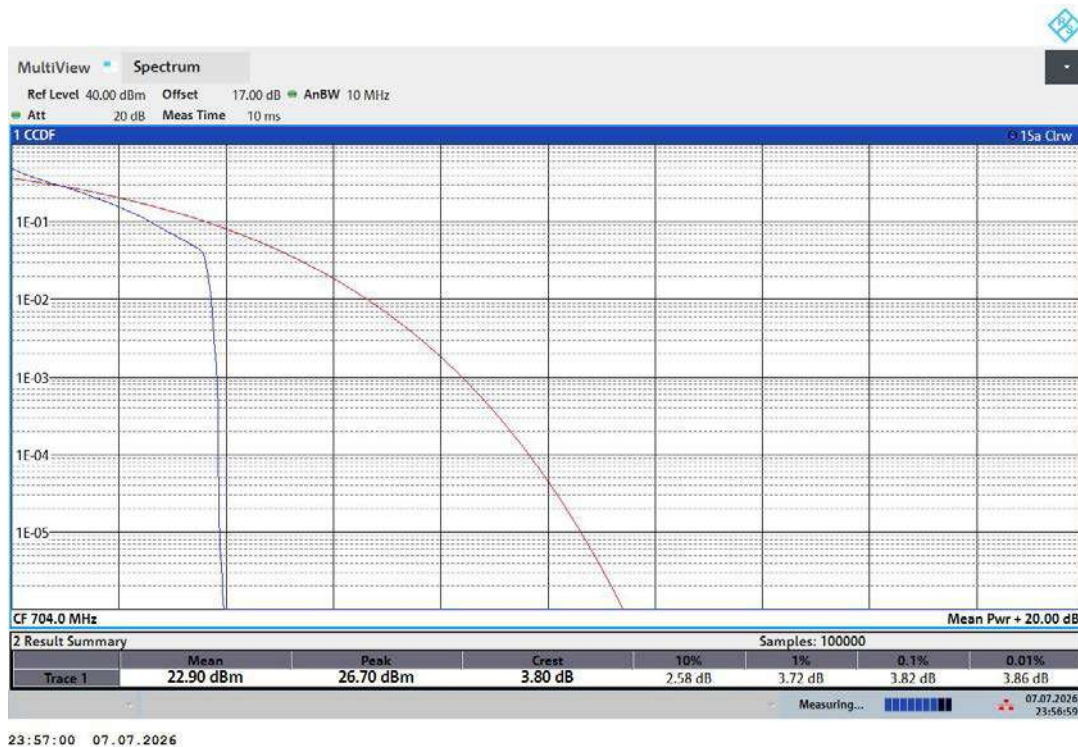


Registration number: W6M22606-25211-C-247

FCC ID: K44529701



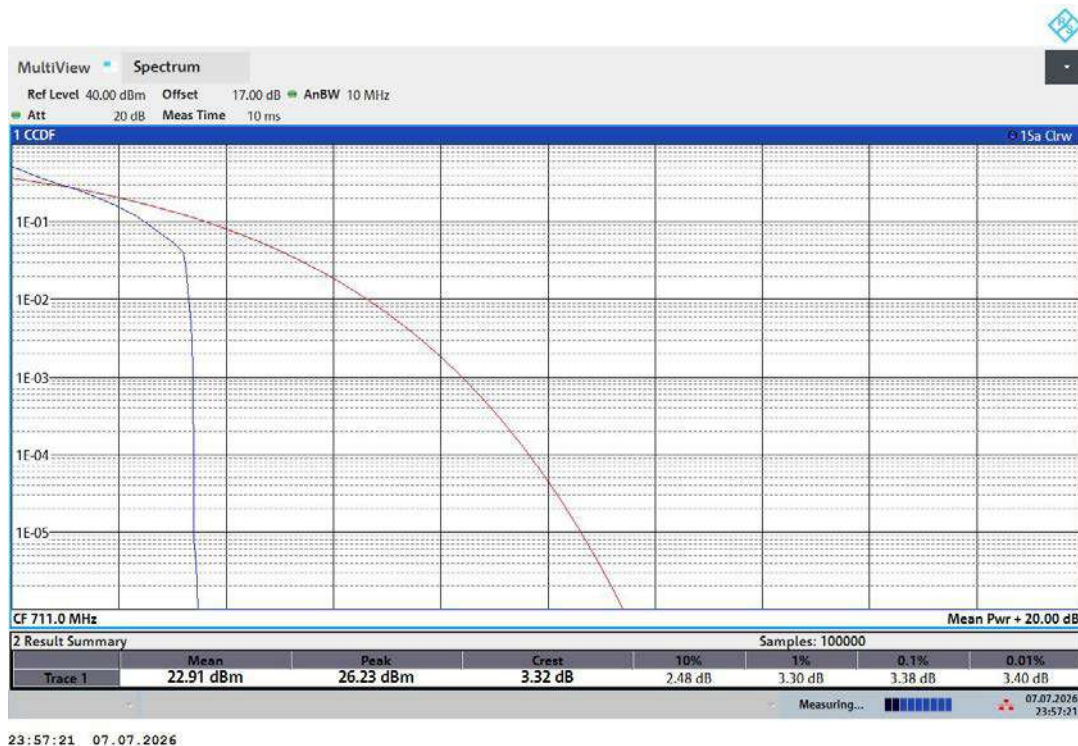
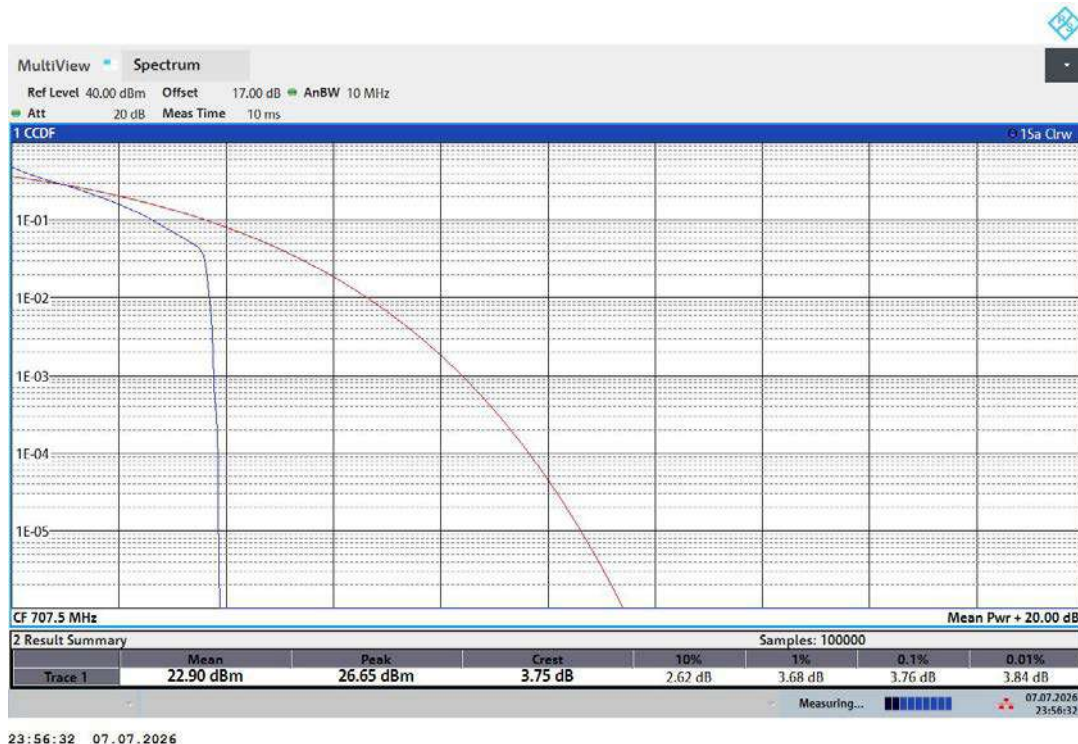
Band 12  
10 MHz  
16QAM  
1RB





Registration number: W6M22606-25211-C-247

FCC ID: K44529701

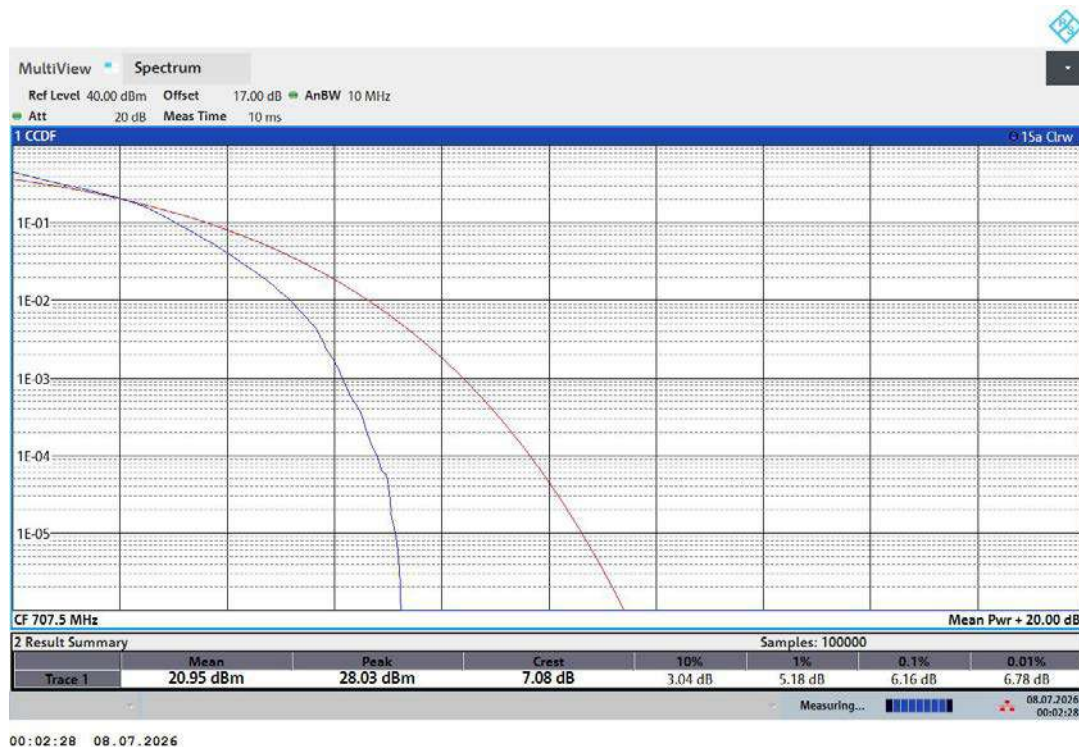
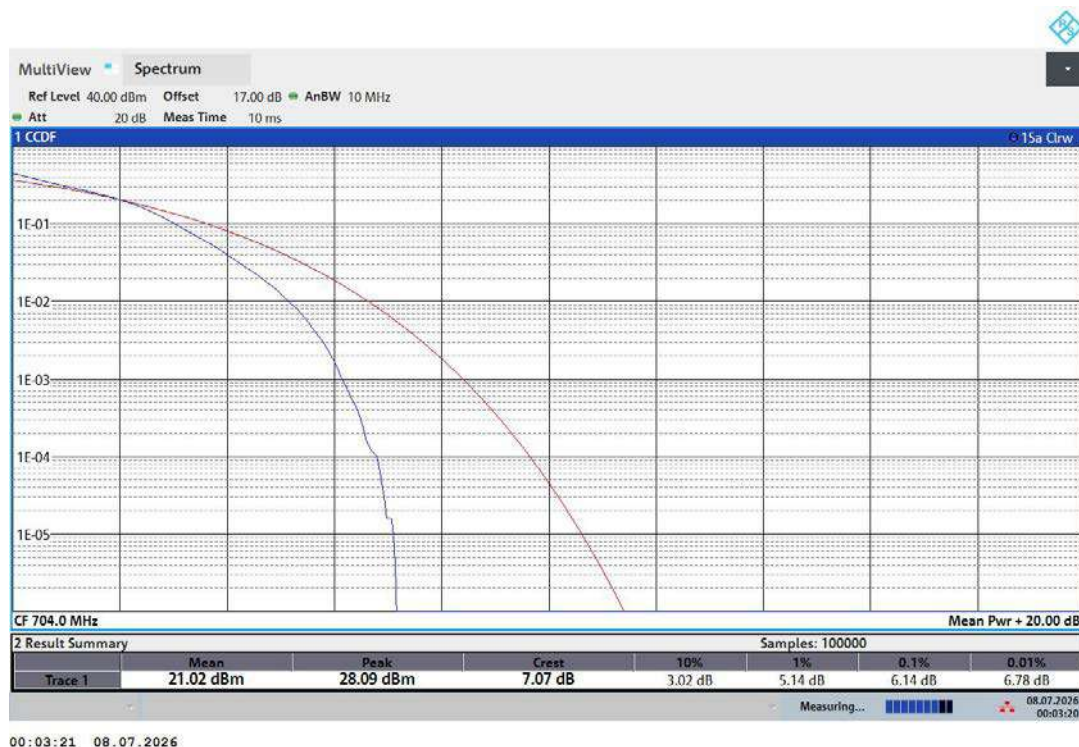




Registration number: W6M22606-25211-C-247

FCC ID: K44529701

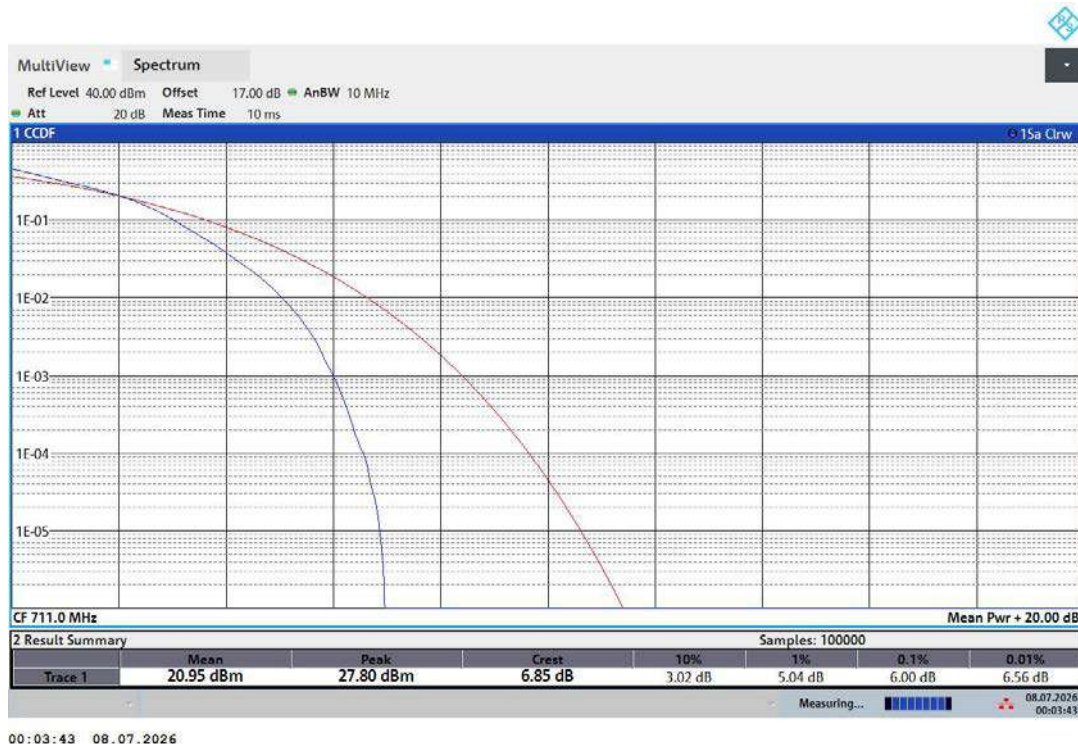
FRB



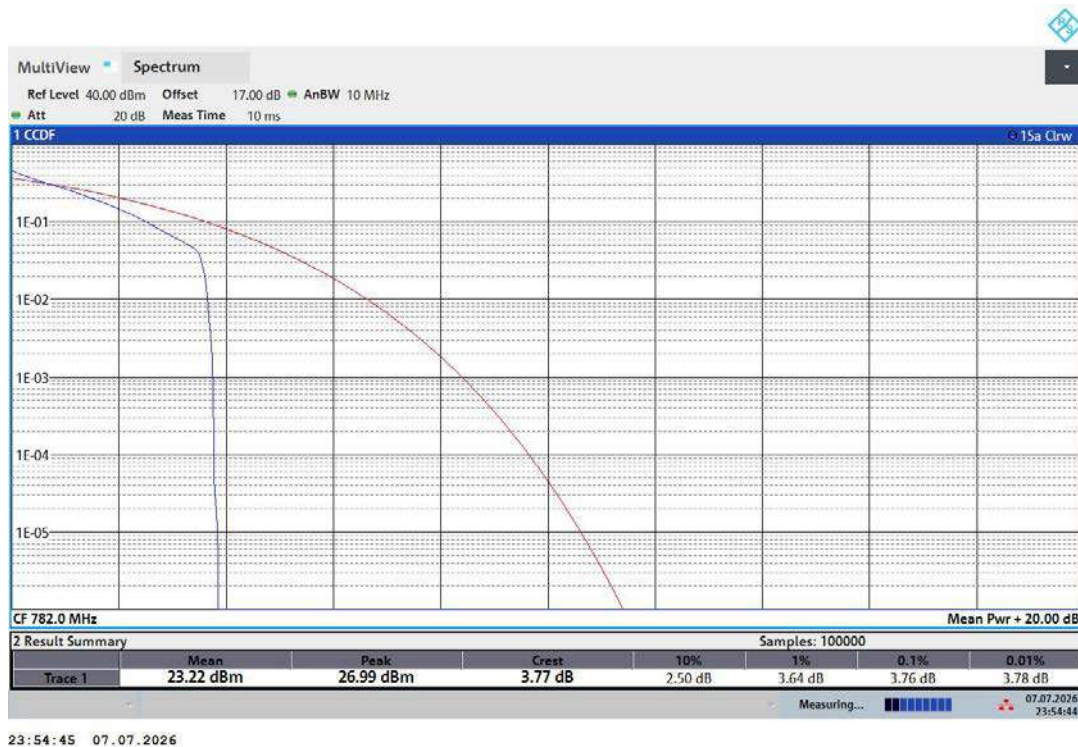


Registration number: W6M22606-25211-C-247

FCC ID: K44529701



Band 13  
10 MHz  
16QAM  
1RB

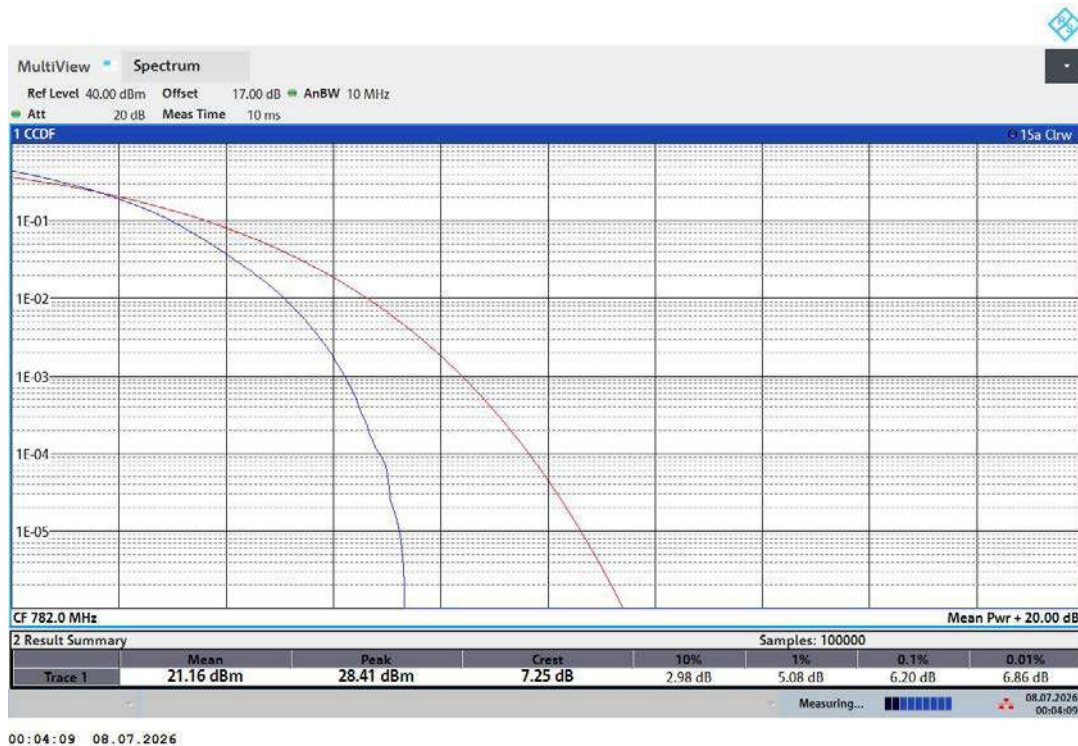




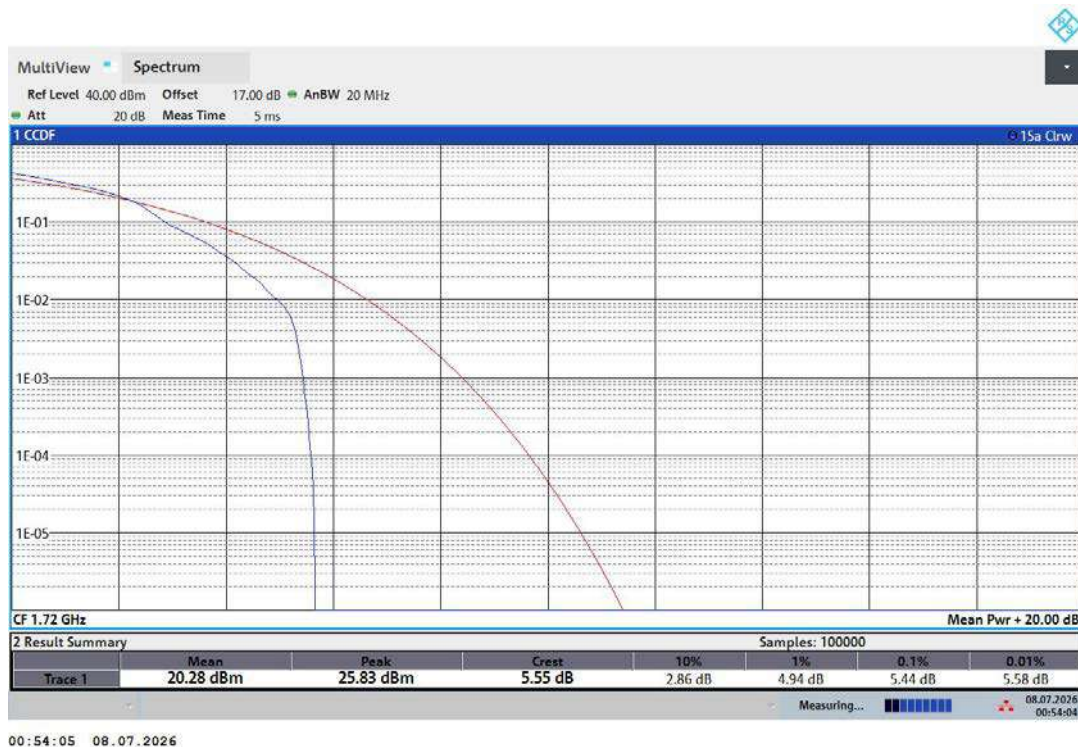
Registration number: W6M22606-25211-C-247

FCC ID: K44529701

FRB



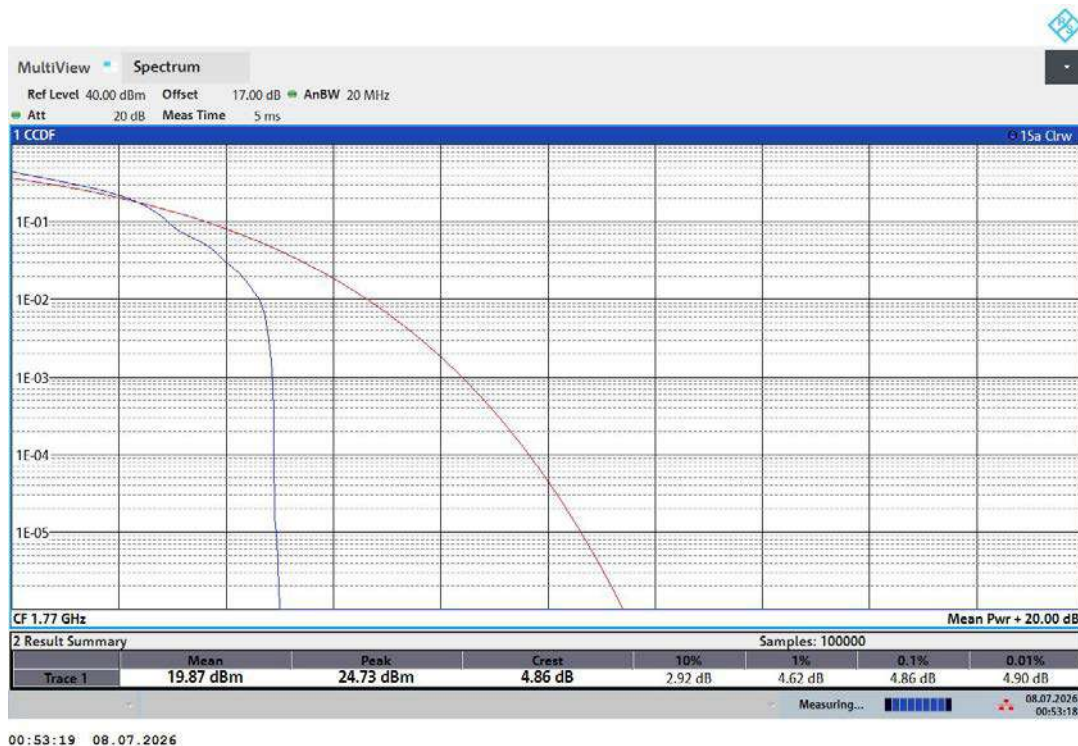
Band 66  
20 MHz  
16QAM  
1RB





Registration number: W6M22606-25211-C-247

FCC ID: K44529701

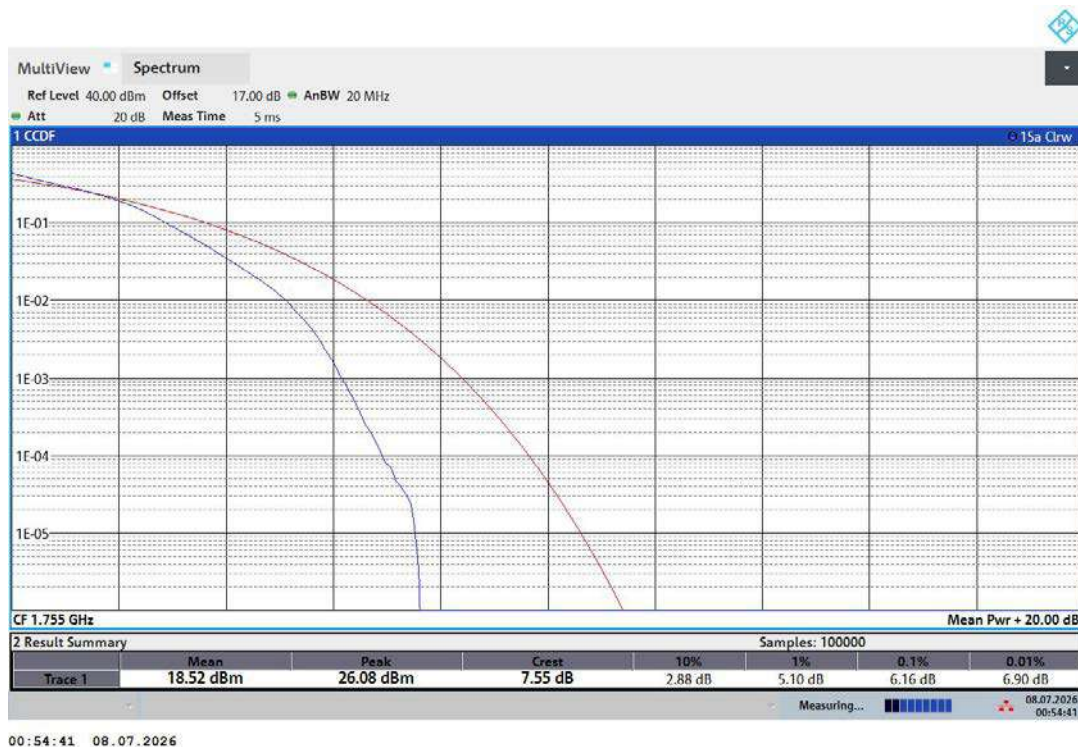
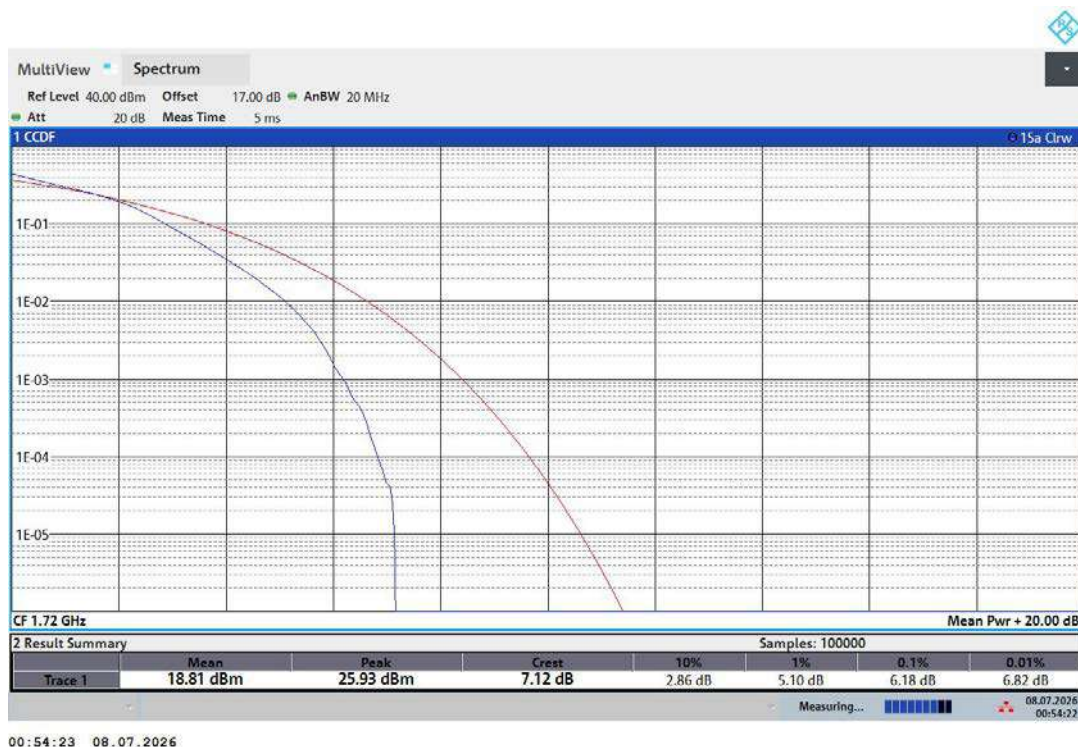




Registration number: W6M22606-25211-C-247

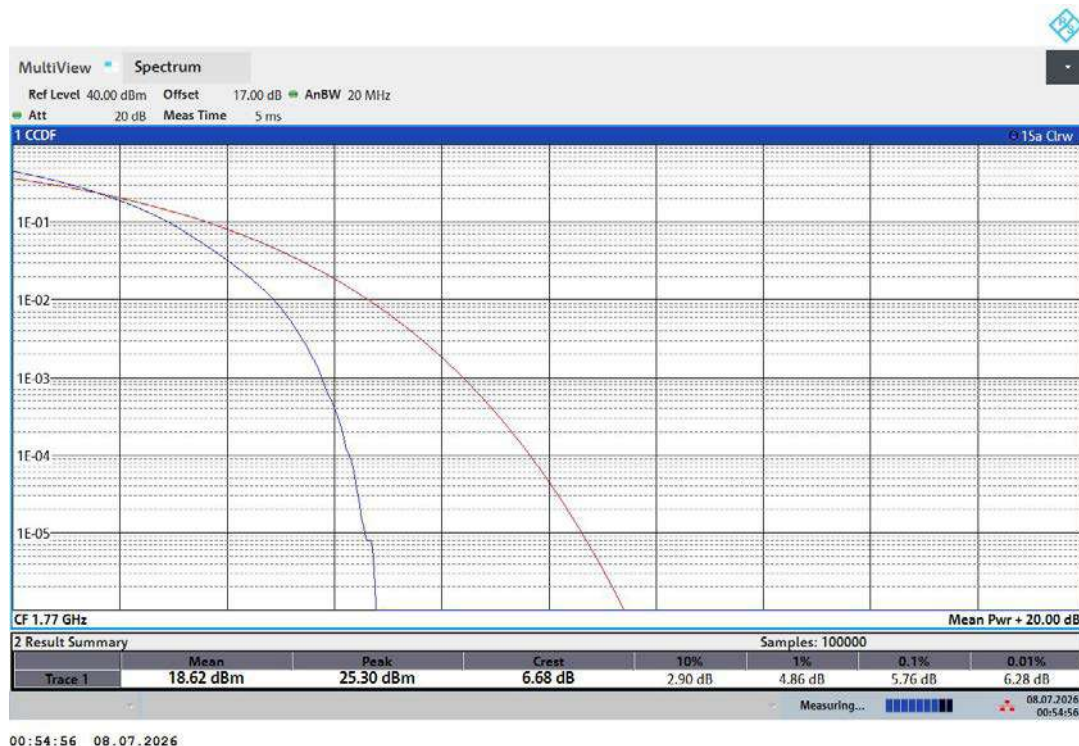
FCC ID: K44529701

FRB





Registration number: W6M22606-25211-C-247  
FCC ID: K44529701



Limit according to FCC §24.232 and §27.50, The peak-to-average ratio(PAR) of the transmission may not exceed 13dB.

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## **6 Occupied Bandwidth**

The occupied bandwidth (OBW) is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal to a specified percentage 0.5% of the total mean transmitted power.

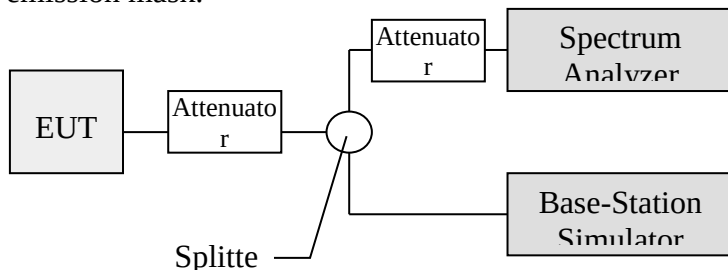
The 26 dB occupied bandwidth is the width of a frequency band such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal 26 dB.

The 26 dB emission bandwidth is defined as the frequency range between two points, one above and one below the carrier frequency, at which the spectral density of the emission is attenuated 26 dB below the maximum in-band spectral density of the modulated signal. Spectral density (power per unit bandwidth) is to be measured with a detector of resolution bandwidth equal to approximately 1.0% of the emission bandwidth.

### **6.1 Test procedure**

The RF output of the transceiver was connected as the following figure.

Occupied Bandwidth was measured with a occupied bandwidth function of the analyzer at 99% power was occupied. Then set the spectrum analyzer to cover the upper and lower band edges to measure emission mask.





Registration number: W6M22606-25211-C-247

FCC ID: K44529701

## 6.2 Test Results

Test date: July 07, 2026-July 08, 2026

Temperature: 27.0 °C

Humidity: 51.2 %

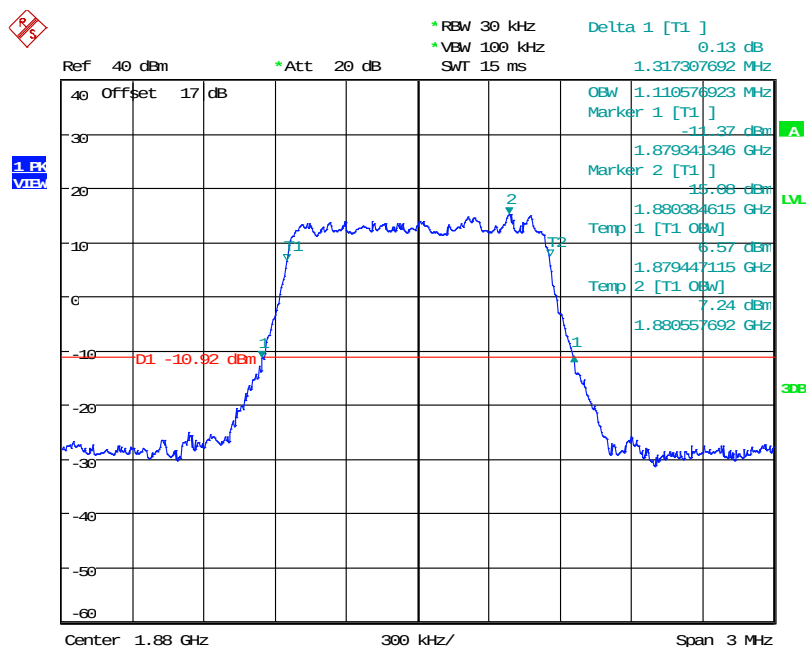
Tester: Sora

Band 2

1.4 MHz

FRB

QPSK



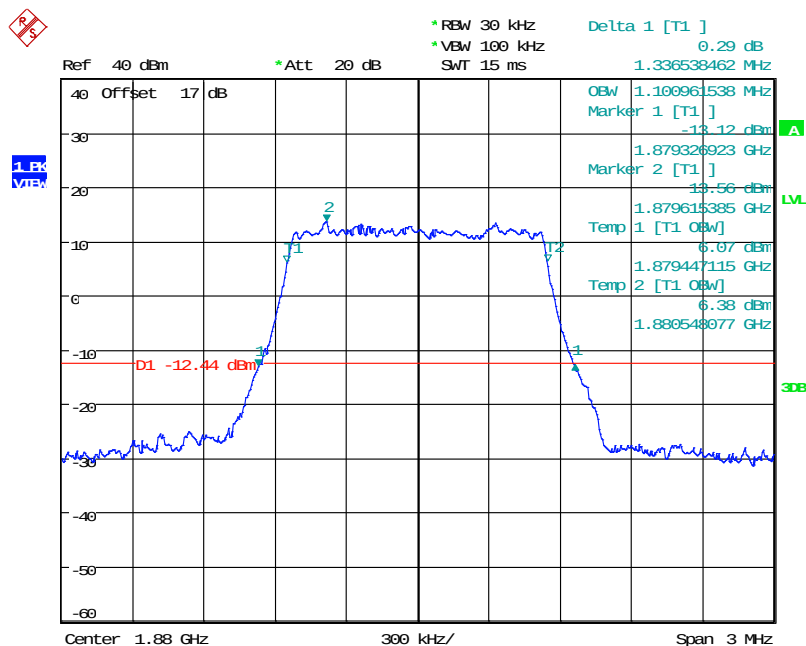
Date: 7.JUL.2026 09:33:51



Registration number: W6M22606-25211-C-247

FCC ID: K44529701

16QAM

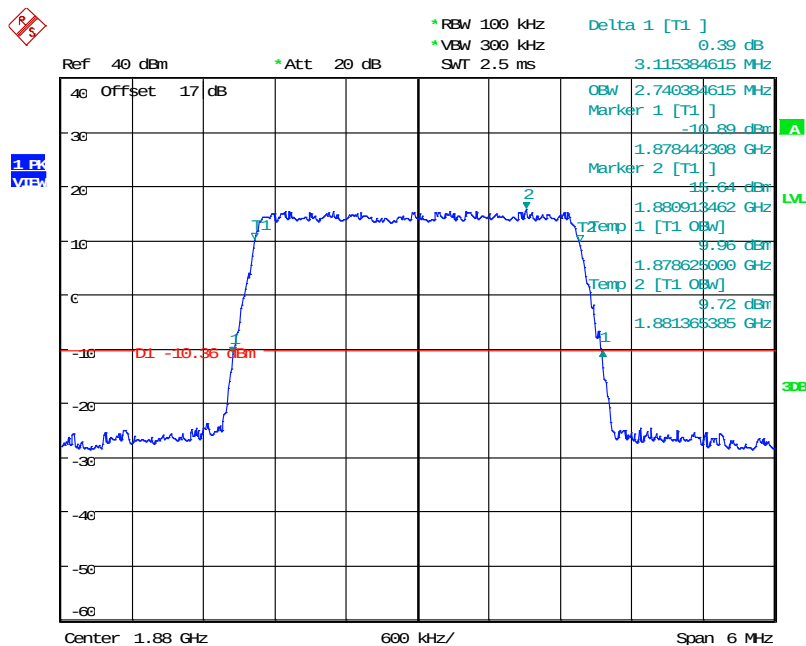


Date: 7.JUL.2026 09:35:01

3 MHz

FRB

QPSK



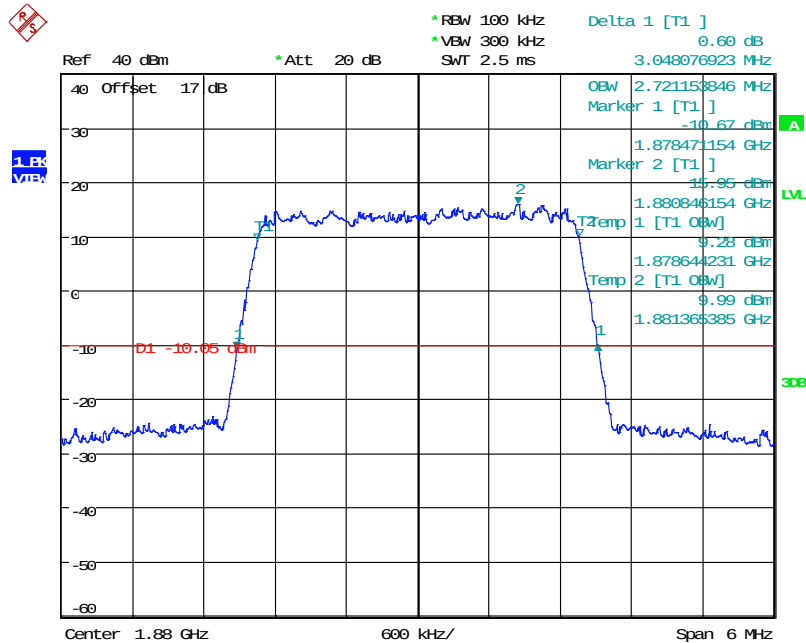
Date: 7.JUL.2026 09:53:09



Registration number: W6M22606-25211-C-247

FCC ID: K44529701

16QAM

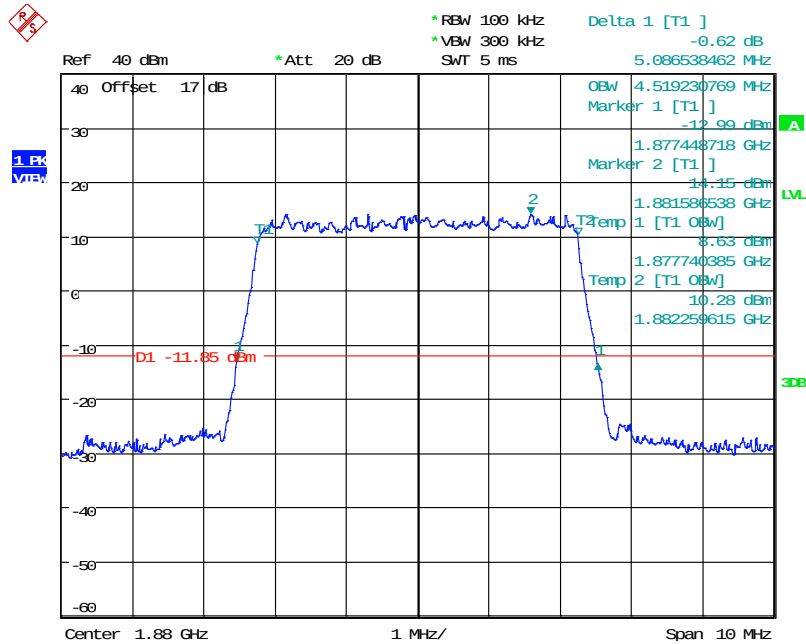


Date: 7.JUL.2026 09:51:51

5 MHz

FRB

QPSK



Date: 7.JUL.2026 10:03:47

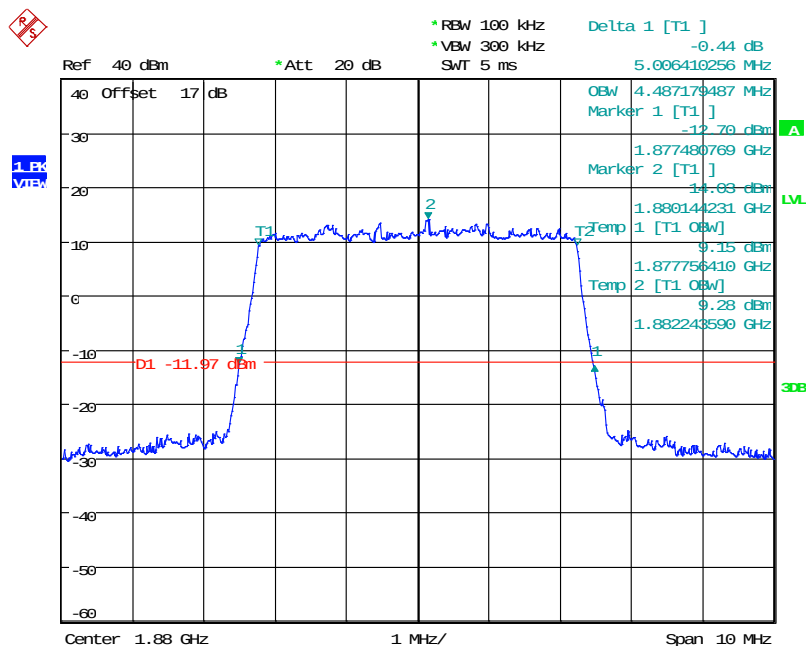


# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22606-25211-C-247

FCC ID: K44529701

16QAM

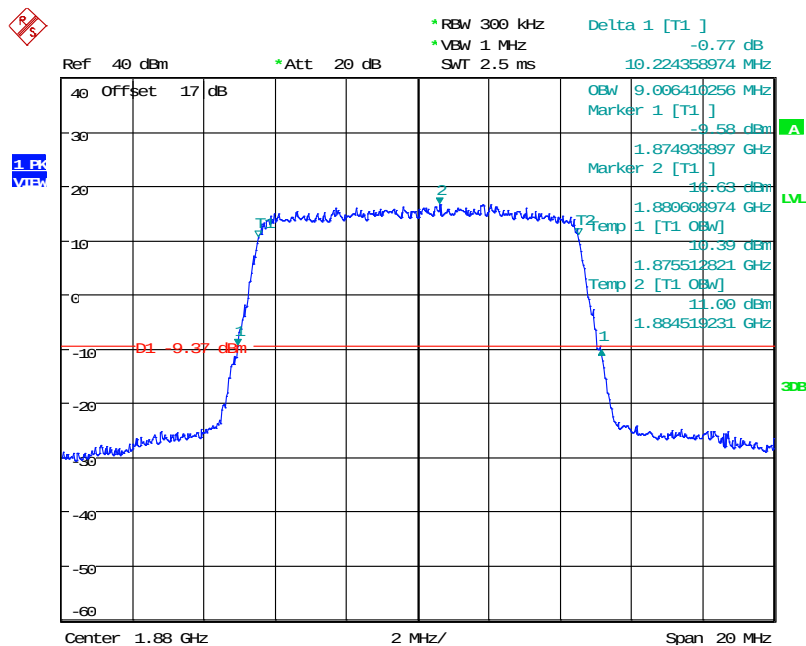


Date: 7.JUL.2026 10:04:50

10 MHz

FRB

QPSK



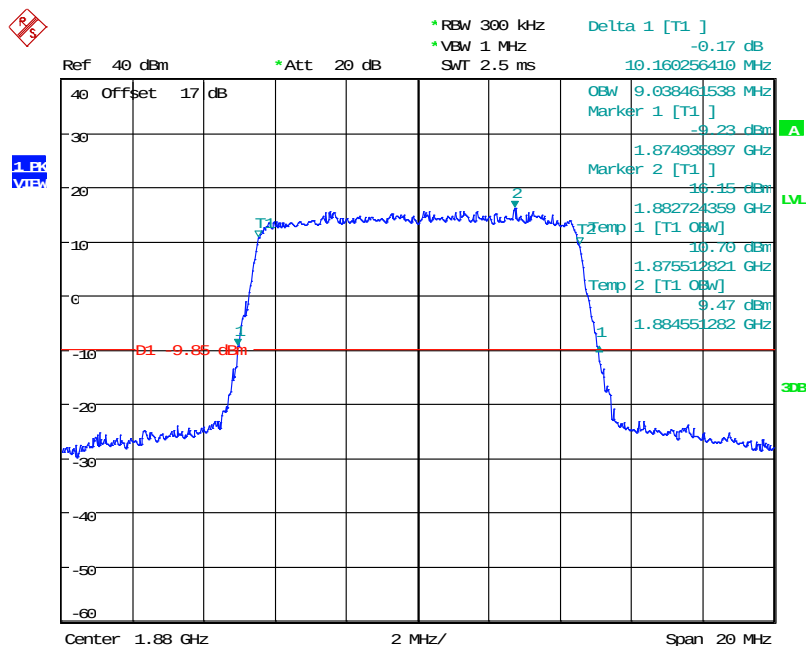
Date: 7.JUL.2026 10:43:01



Registration number: W6M22606-25211-C-247

FCC ID: K44529701

16QAM

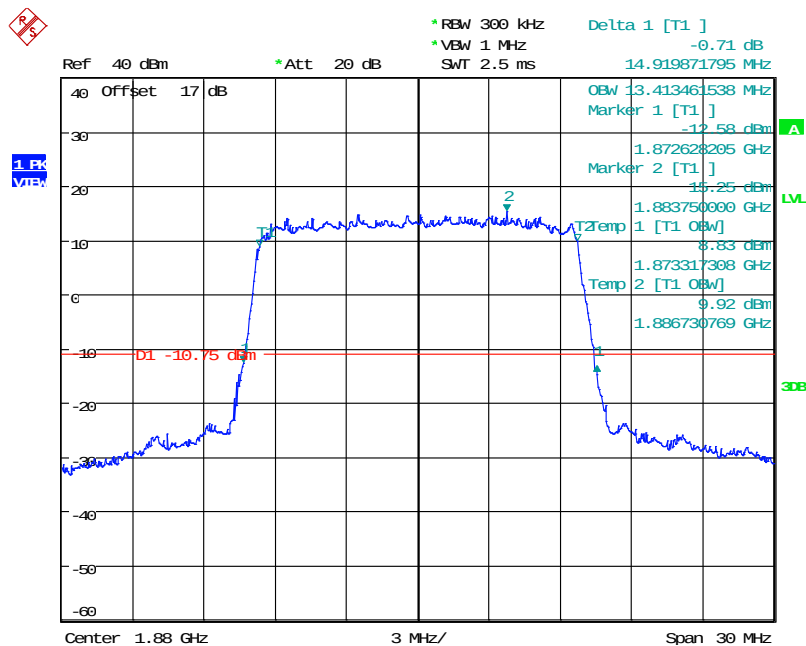


Date: 7.JUL.2026 10:44:10

15 MHz

FRB

QPSK



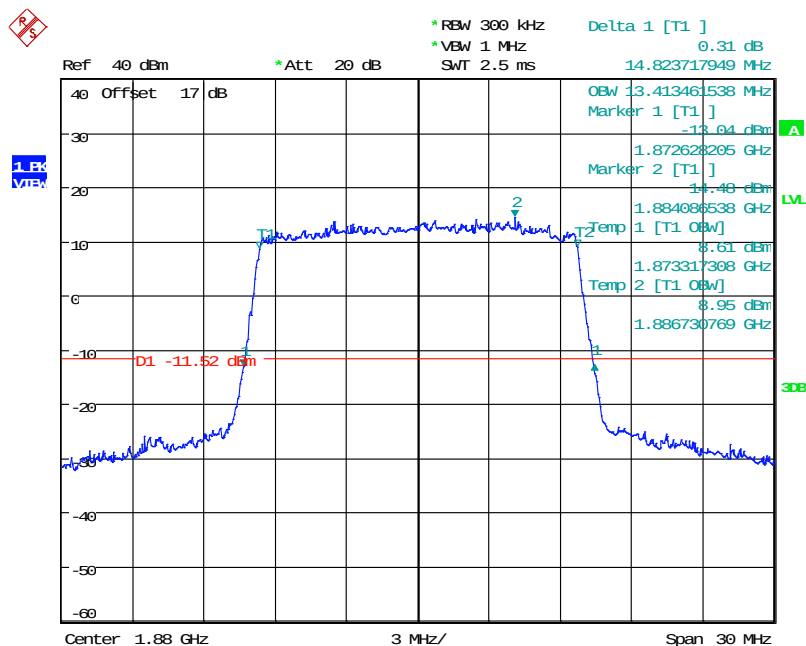
Date: 7.JUL.2026 10:55:08



Registration number: W6M22606-25211-C-247

FCC ID: K44529701

16QAM

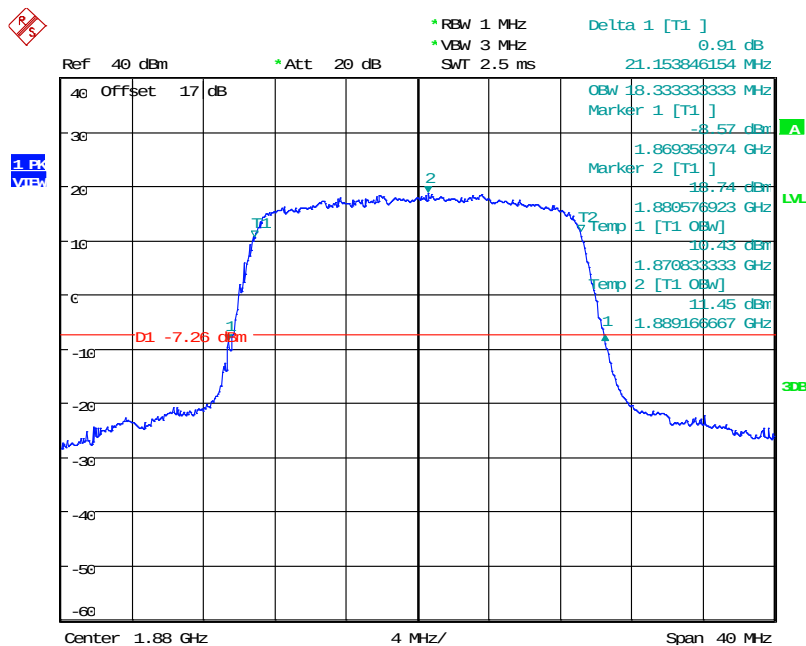


Date: 7.JUL.2026 10:54:03

20 MHz

FRB

QPSK



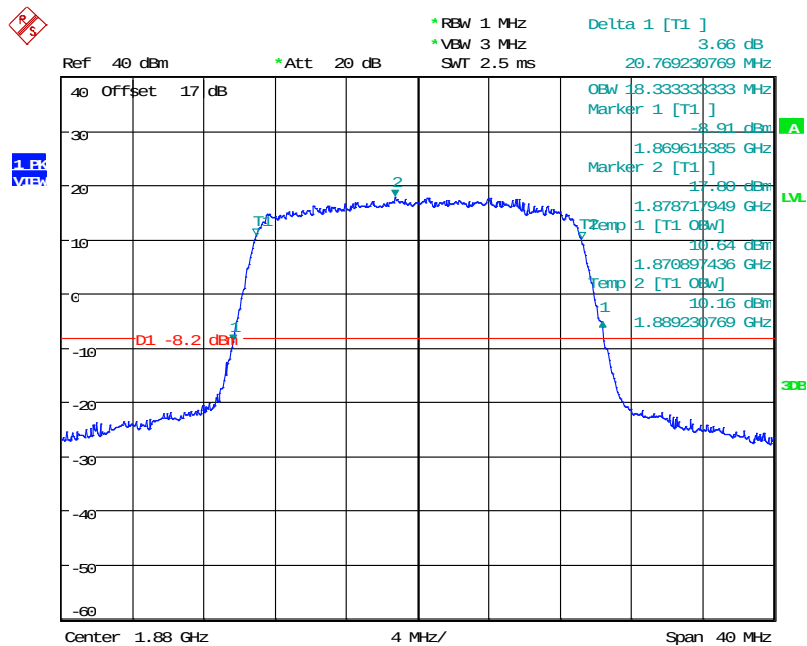
Date: 7.JUL.2026 11:15:49



Registration number: W6M22606-25211-C-247

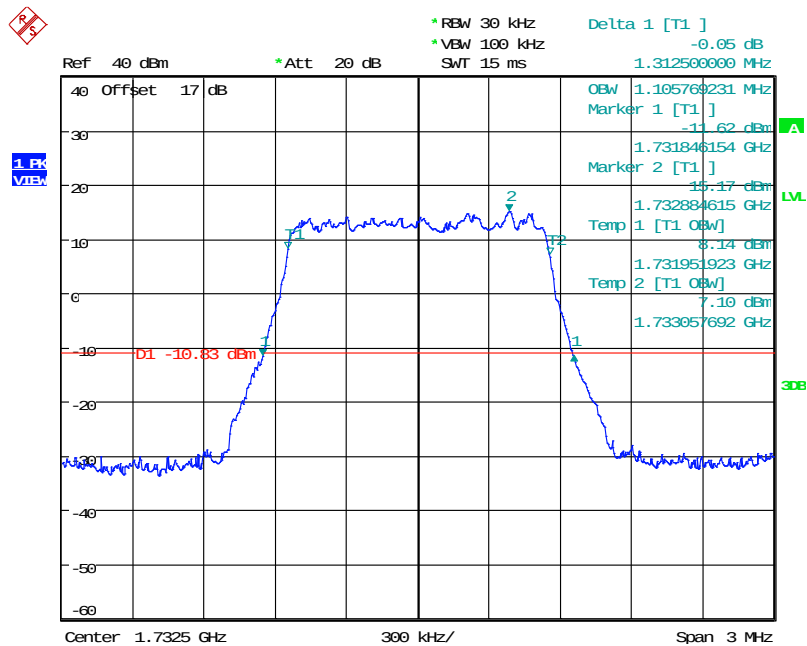
FCC ID: K44529701

16QAM



Date: 7.JUL.2026 11:16:44

Band 4  
1.4 MHz  
FRB  
QPSK



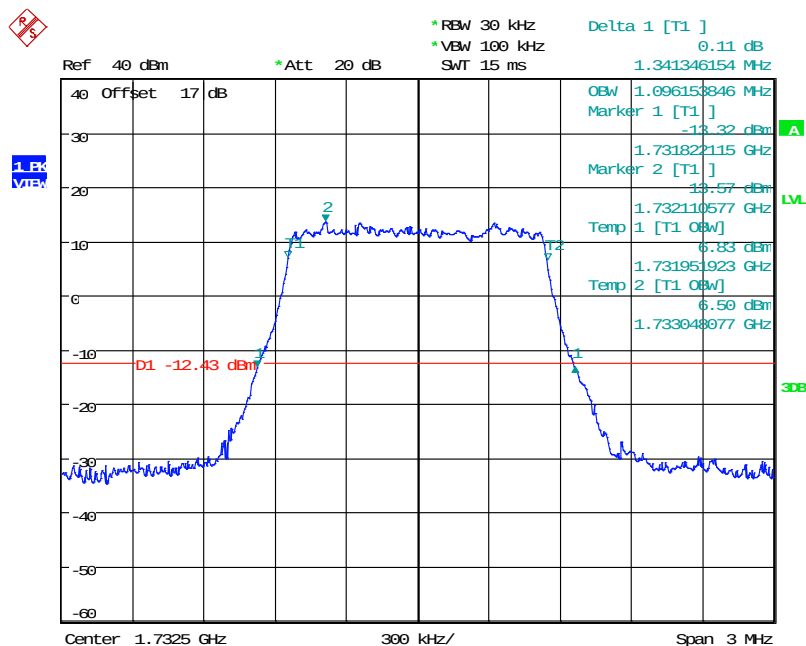
Date: 7.JUL.2026 09:37:11



Registration number: W6M22606-25211-C-247

FCC ID: K44529701

16QAM

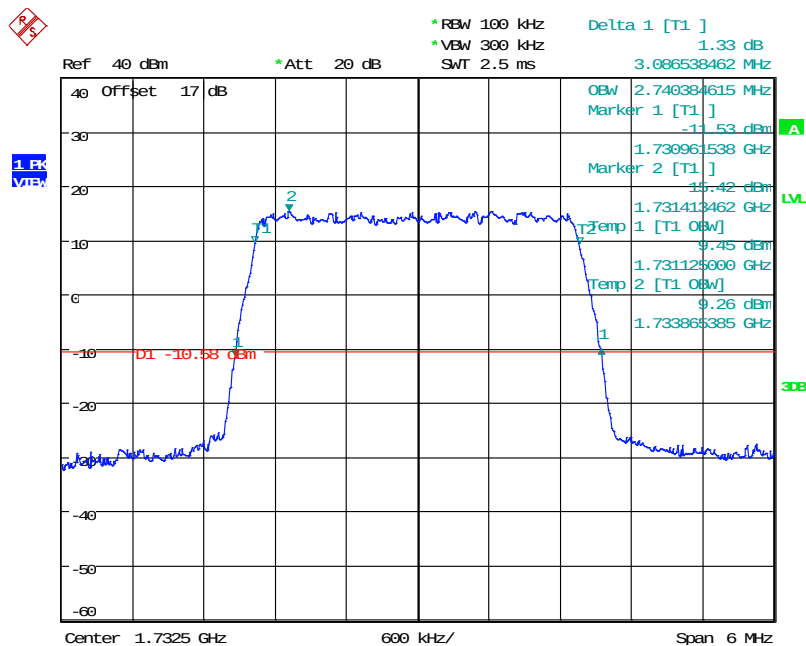


Date: 7.JUL.2026 09:36:13

3 MHz

FRB

QPSK



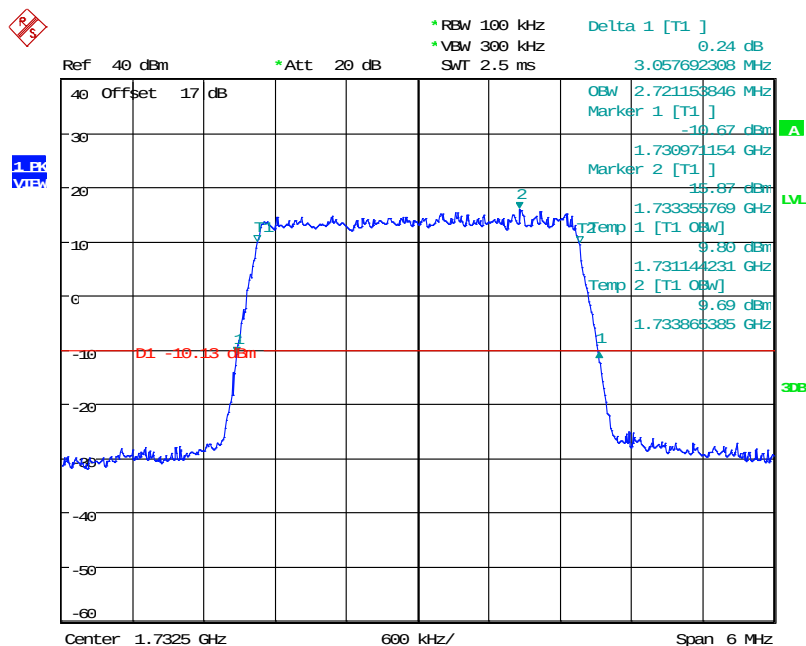
Date: 7.JUL.2026 09:49:02



Registration number: W6M22606-25211-C-247

FCC ID: K44529701

16QAM

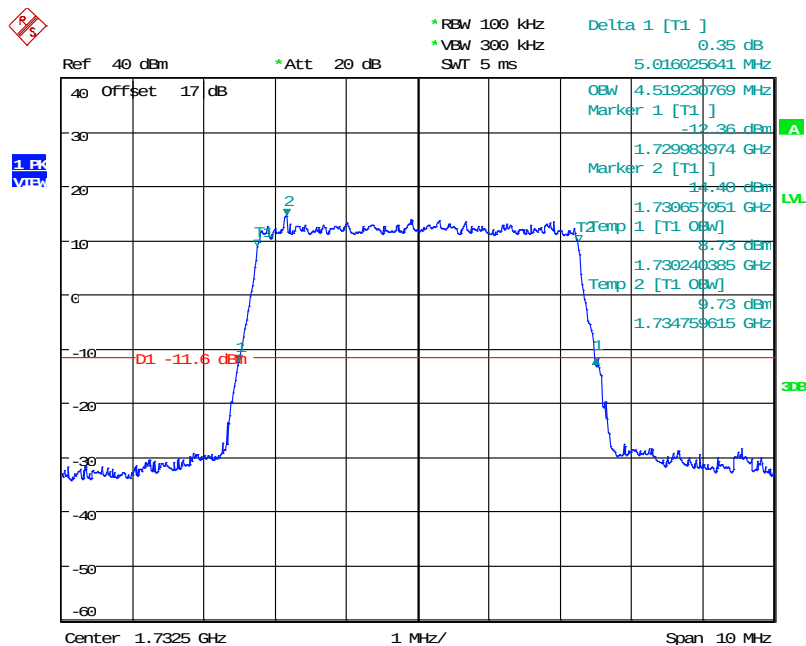


Date: 7.JUL.2026 09:50:32

5 MHz

FRB

QPSK



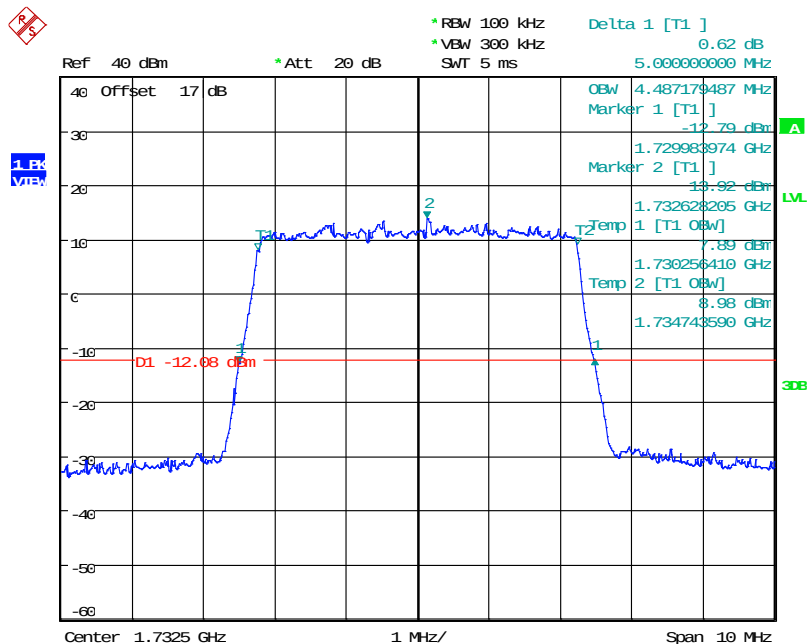
Date: 7.JUL.2026 10:07:06



Registration number: W6M22606-25211-C-247

FCC ID: K44529701

16QAM

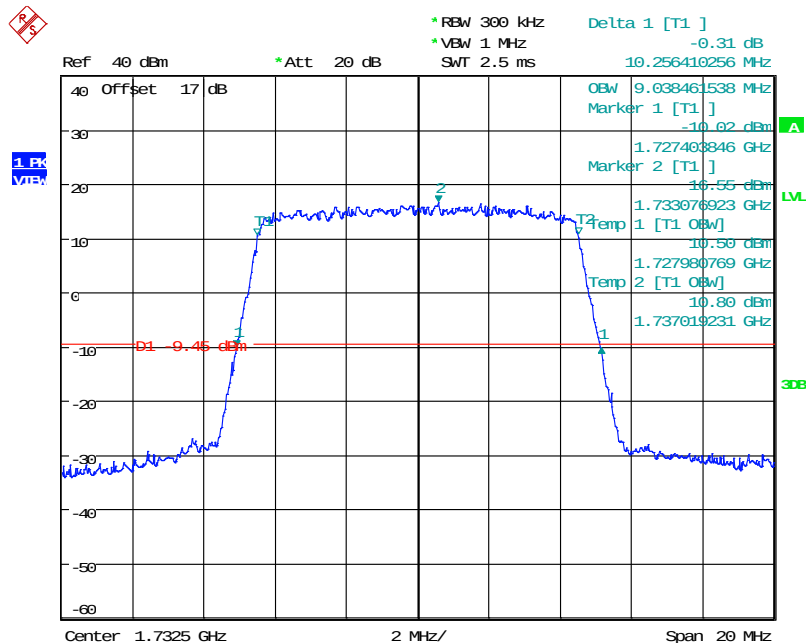


Date: 7.JUL.2026 10:06:03

10 MHz

FRB

QPSK



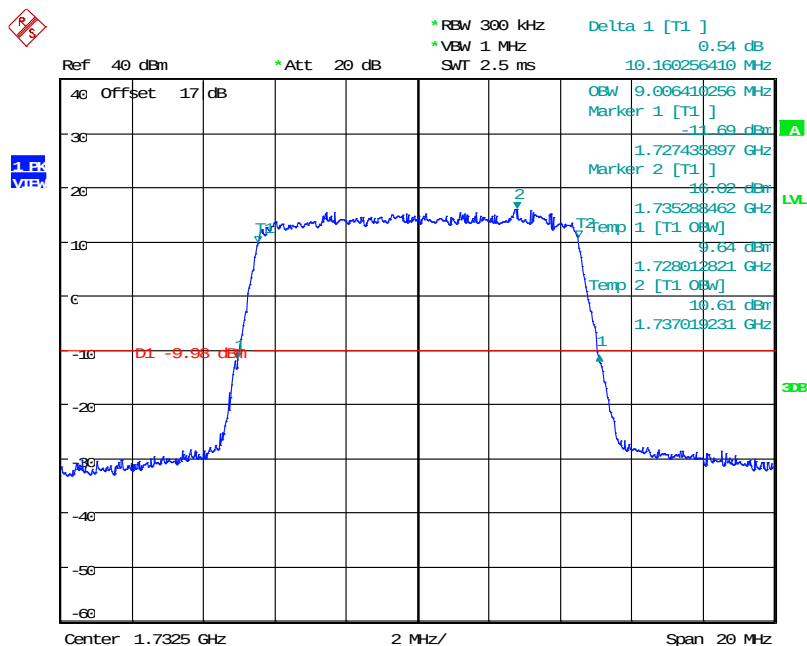
Date: 7.JUL.2026 10:40:53



Registration number: W6M22606-25211-C-247

FCC ID: K44529701

16QAM

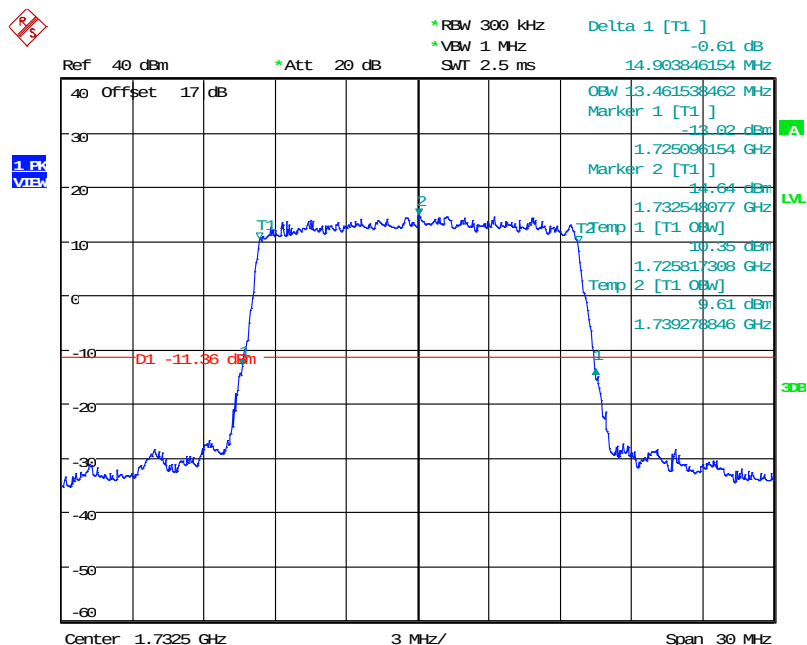


Date: 7.JUL.2026 10:39:46

15 MHz

FRB

QPSK



Date: 7.JUL.2026 10:56:16

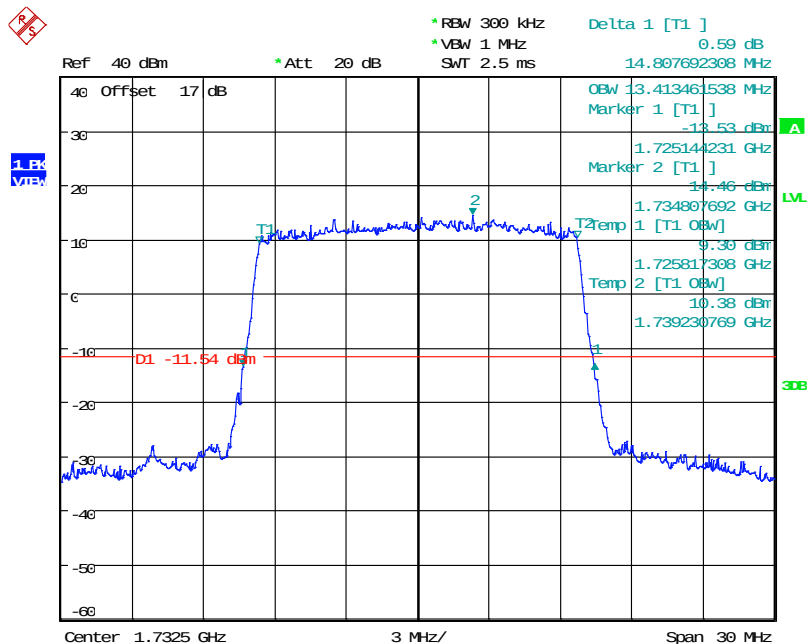


# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22606-25211-C-247

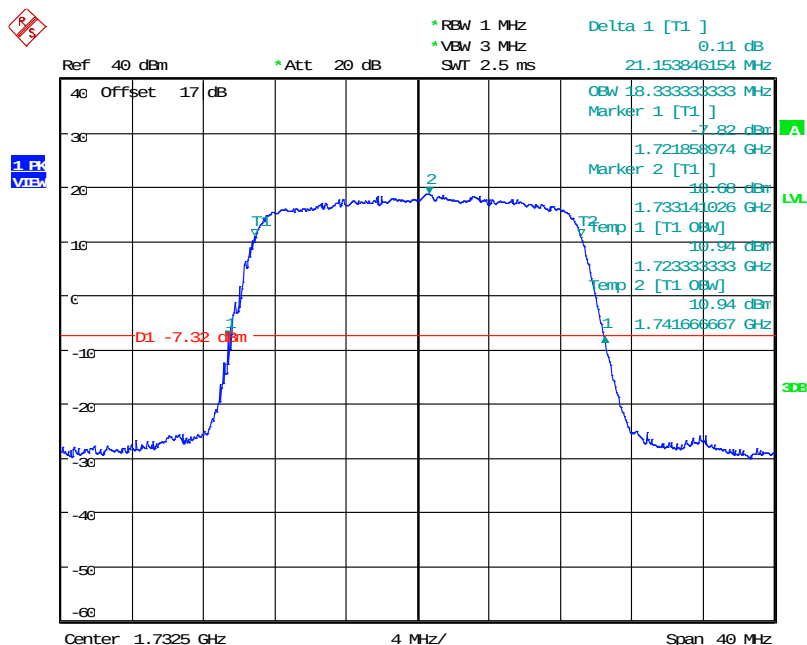
FCC ID: K44529701

16QAM



Date: 7.JUL.2026 10:57:07

15 MHz  
FRB  
QPSK



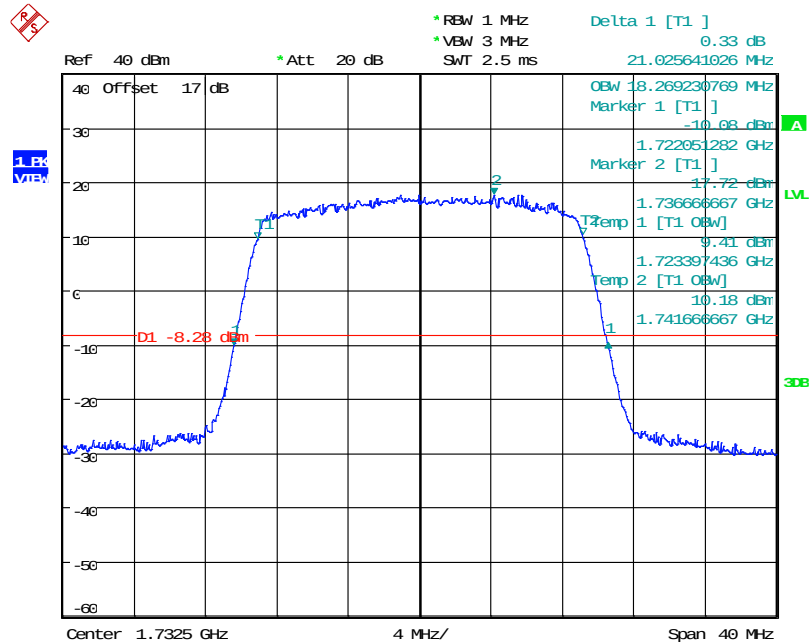
Date: 7.JUL.2026 11:14:45



Registration number: W6M22606-25211-C-247

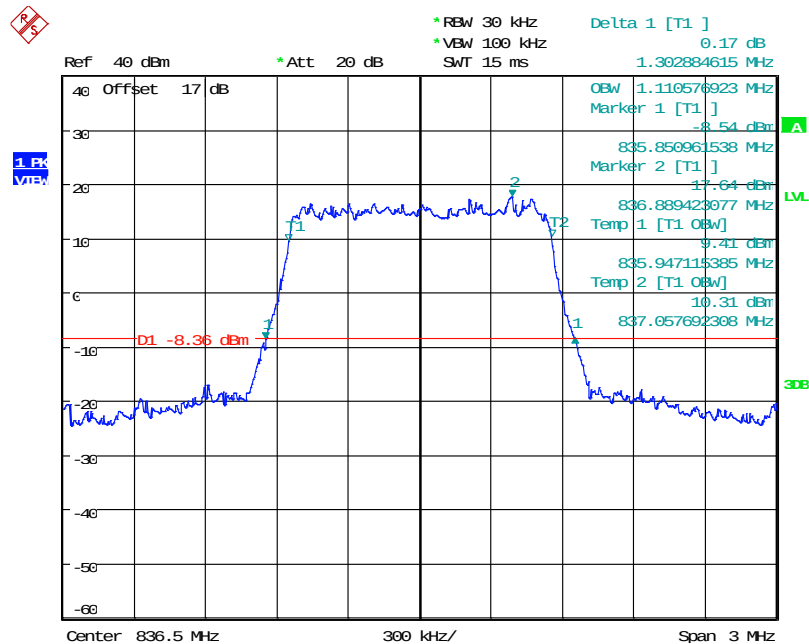
FCC ID: K44529701

16QAM



Date: 7.JUL.2026 11:13:27

Band 5  
1.4 MHz  
FRB  
QPSK



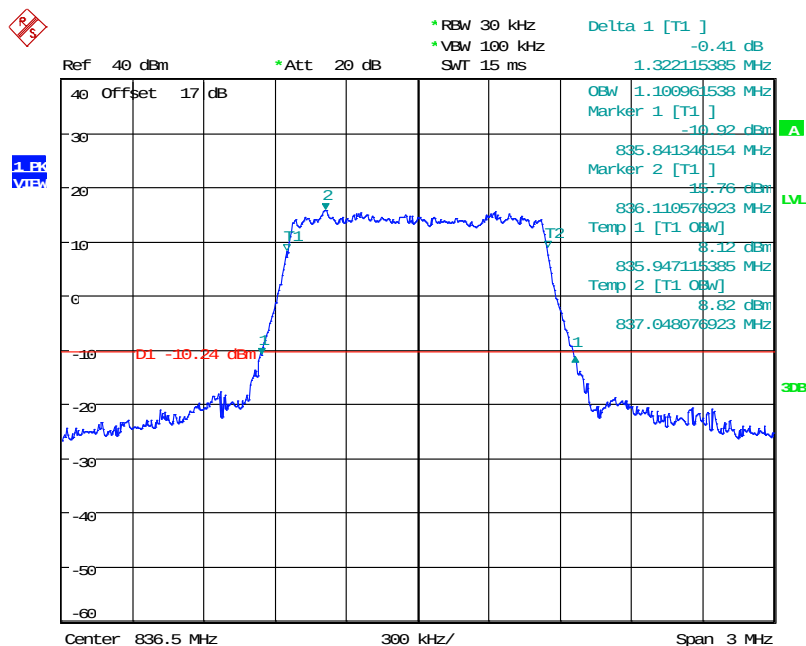
Date: 7.JUL.2026 09:38:18



Registration number: W6M22606-25211-C-247

FCC ID: K44529701

16QAM

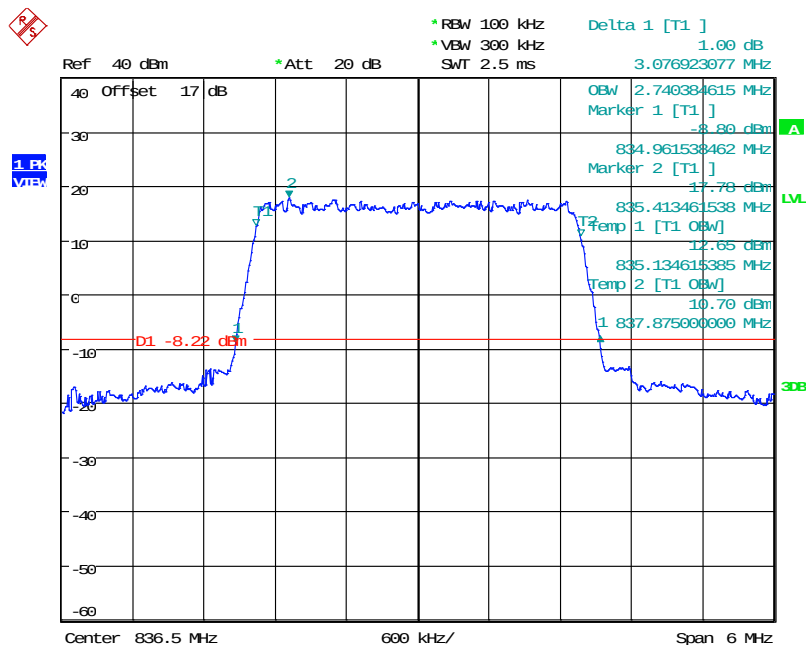


Date: 7.JUL.2026 09:39:30

3 MHz

FRB

QPSK



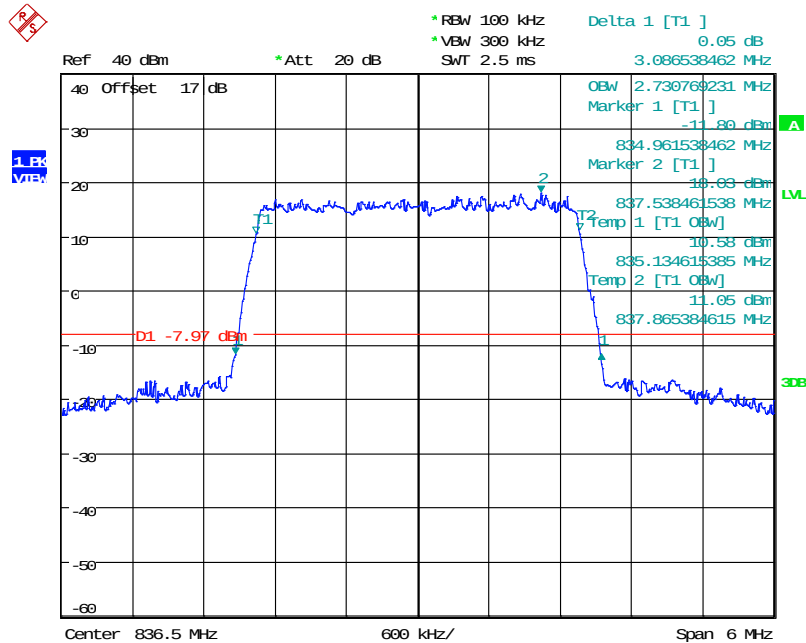
Date: 7.JUL.2026 09:47:49



Registration number: W6M22606-25211-C-247

FCC ID: K44529701

16QAM

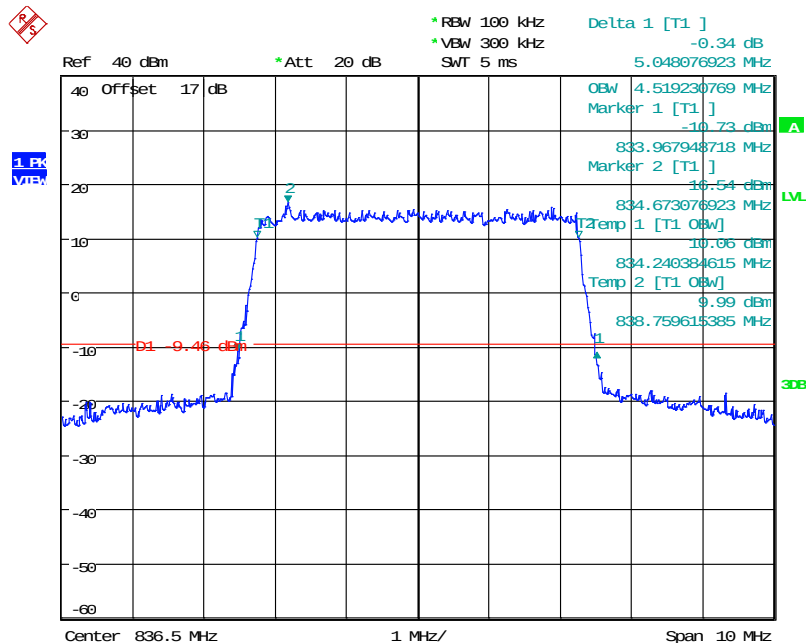


Date: 7.JUL.2026 09:46:27

5 MHz

FRB

QPSK



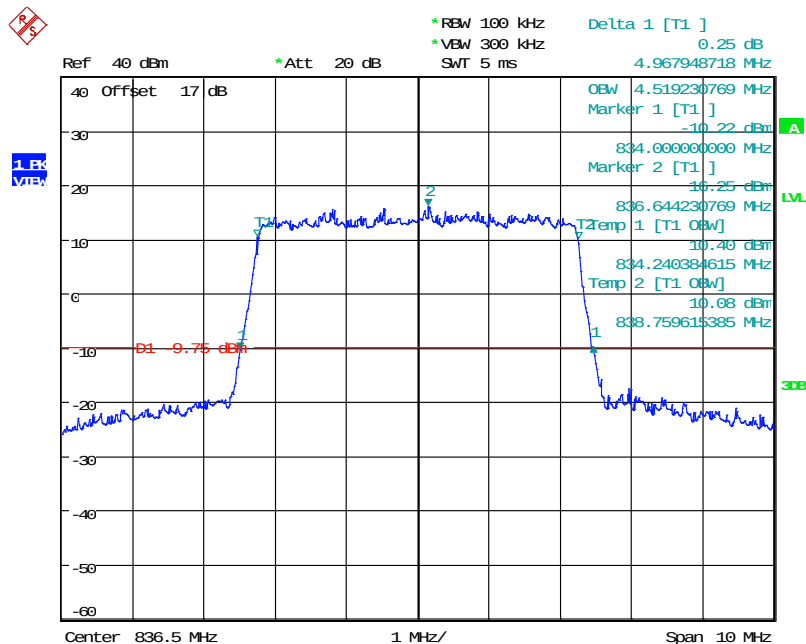
Date: 7.JUL.2026 10:11:47



Registration number: W6M22606-25211-C-247

FCC ID: K44529701

16QAM

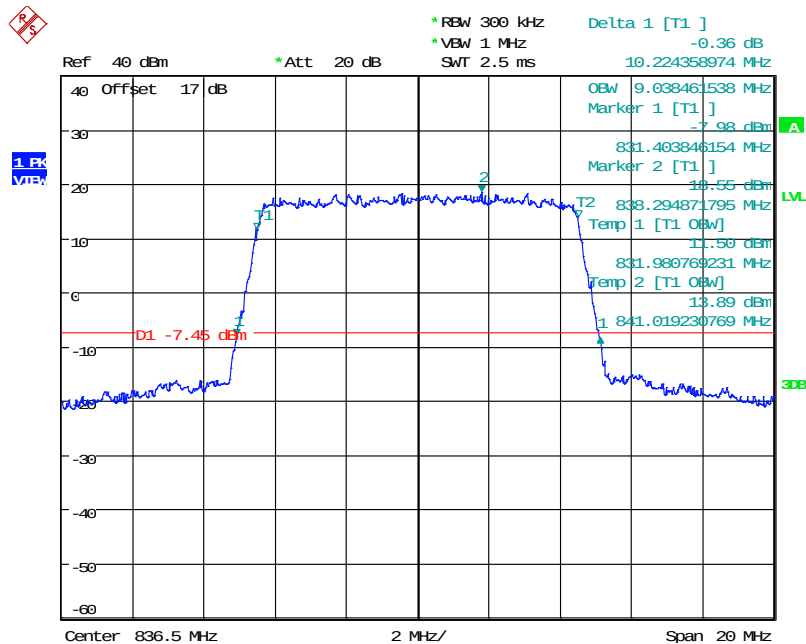


Date: 7.JUL.2026 10:10:46

10 MHz

FRB

QPSK



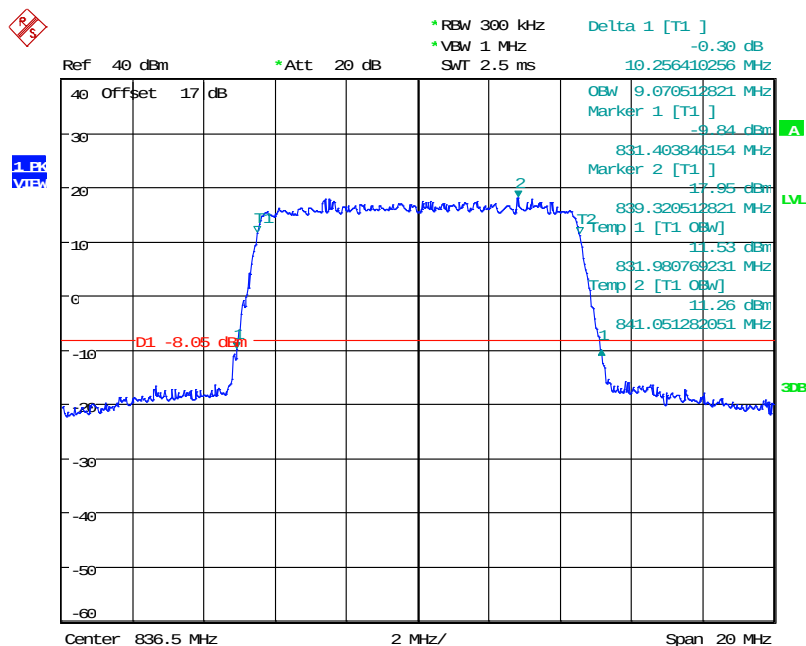
Date: 7.JUL.2026 10:37:42



Registration number: W6M22606-25211-C-247

FCC ID: K44529701

16QAM



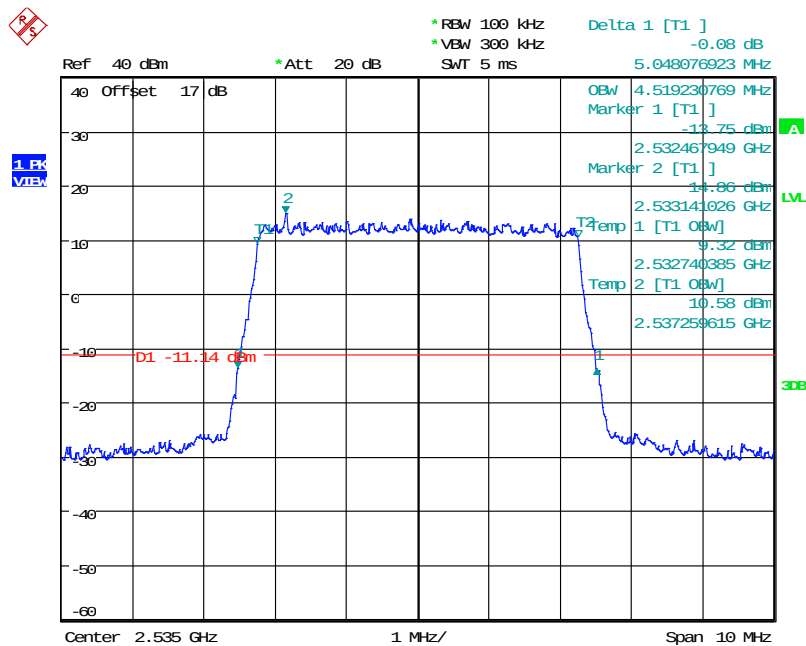
Date: 7.JUL.2026 10:38:40

Band 7

5 MHz

FRB

QPSK



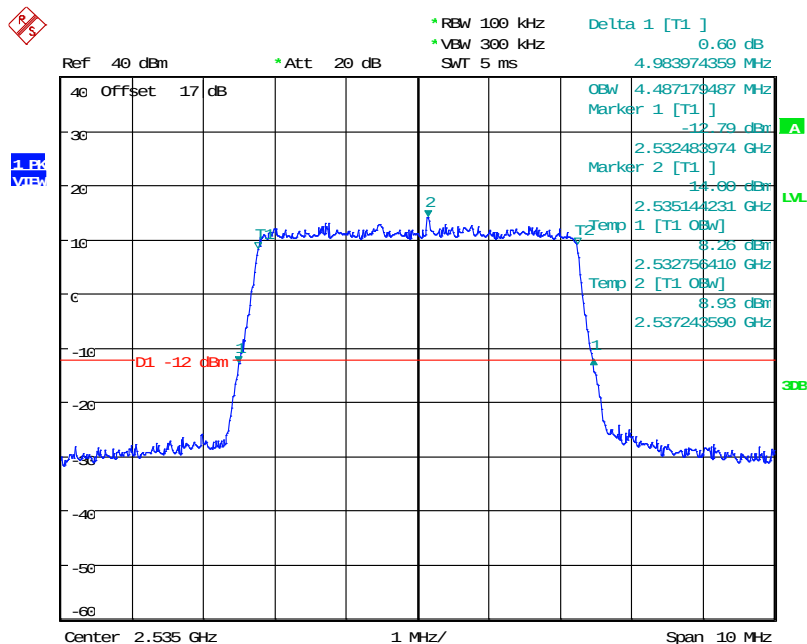
Date: 7.JUL.2026 10:13:04



Registration number: W6M22606-25211-C-247

FCC ID: K44529701

16QAM

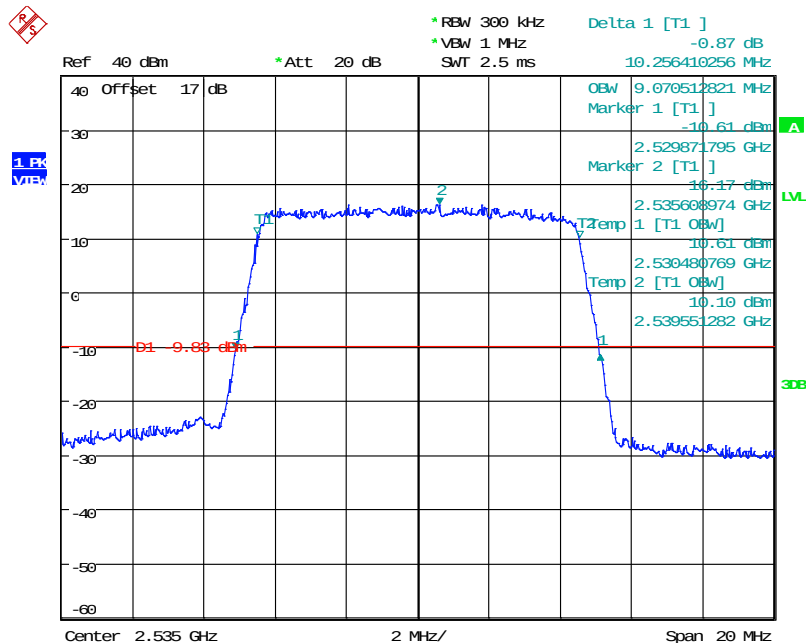


Date: 7.JUL.2026 10:14:05

10 MHz

FRB

QPSK



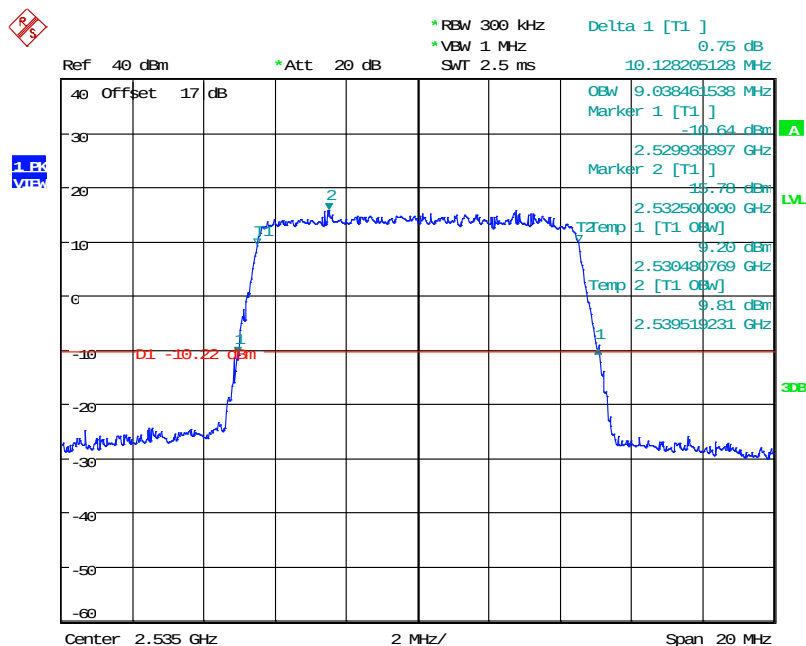
Date: 7.JUL.2026 10:36:31



Registration number: W6M22606-25211-C-247

FCC ID: K44529701

16QAM

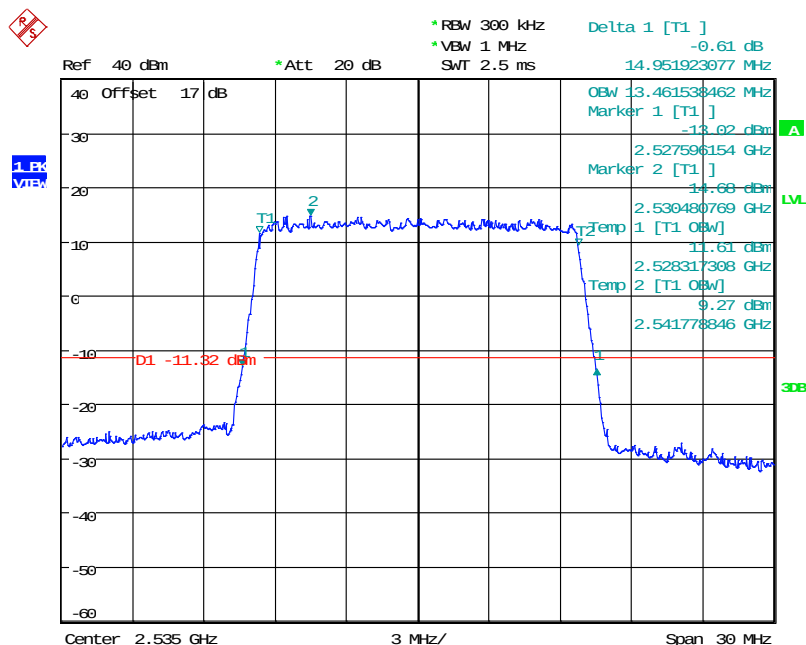


Date: 7.JUL.2026 10:35:28

15 MHz

FRB

QPSK



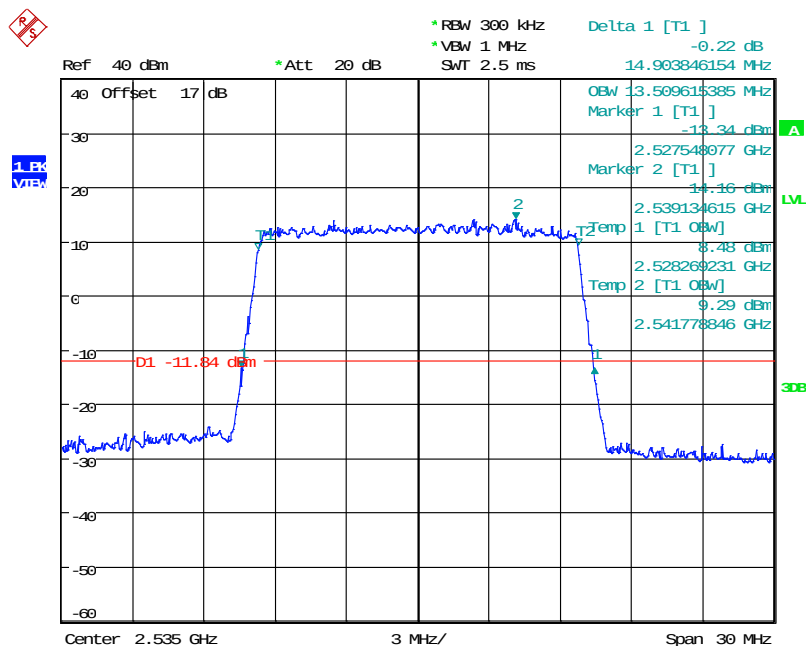
Date: 7.JUL.2026 10:59:28



Registration number: W6M22606-25211-C-247

FCC ID: K44529701

16QAM

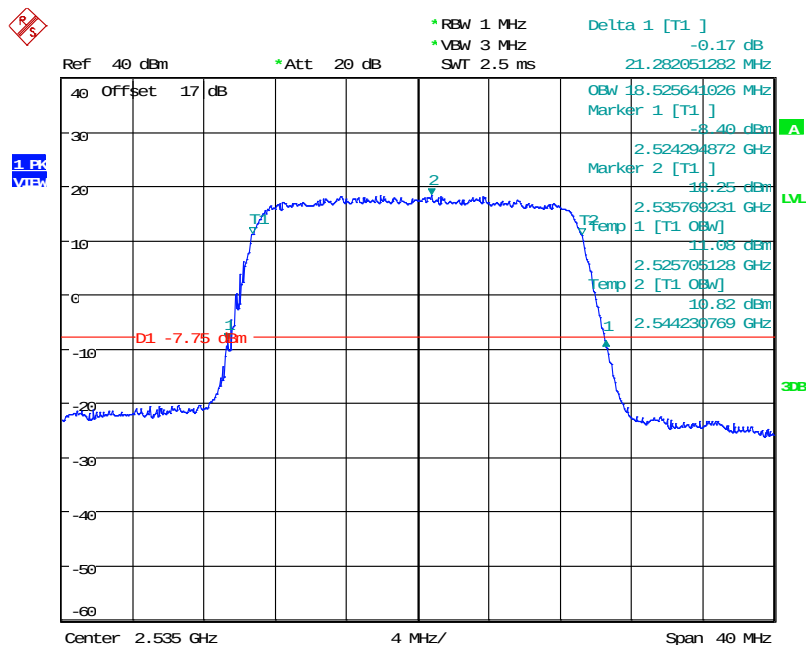


Date: 7.JUL.2026 10:58:17

20 MHz

FRB

QPSK



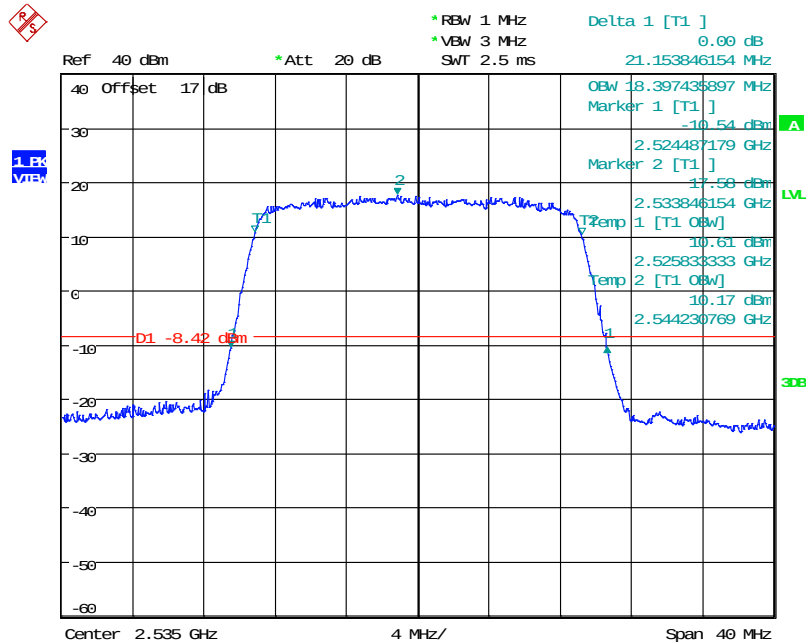
Date: 7.JUL.2026 11:11:08



Registration number: W6M22606-25211-C-247

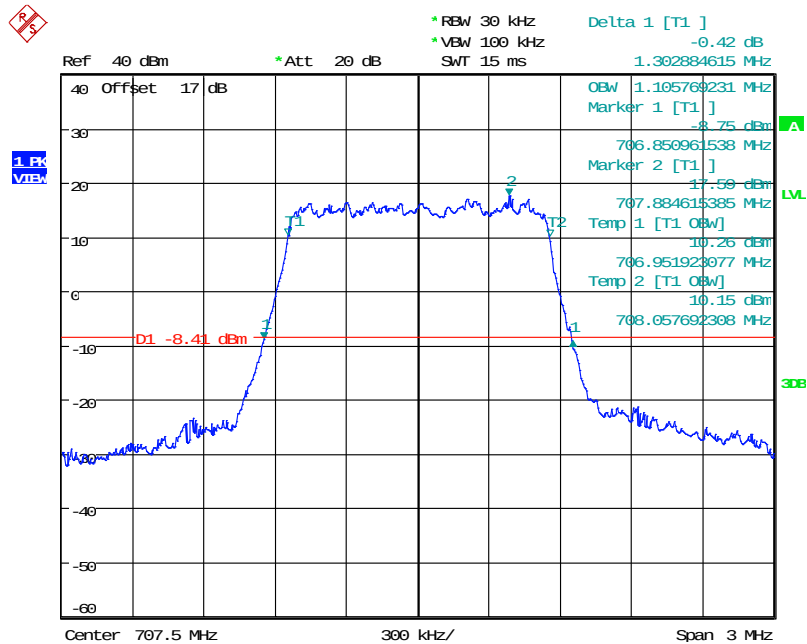
FCC ID: K44529701

16QAM



Date: 7.JUL.2026 11:12:32

Band 12  
1.4 MHz  
FRB  
QPSK



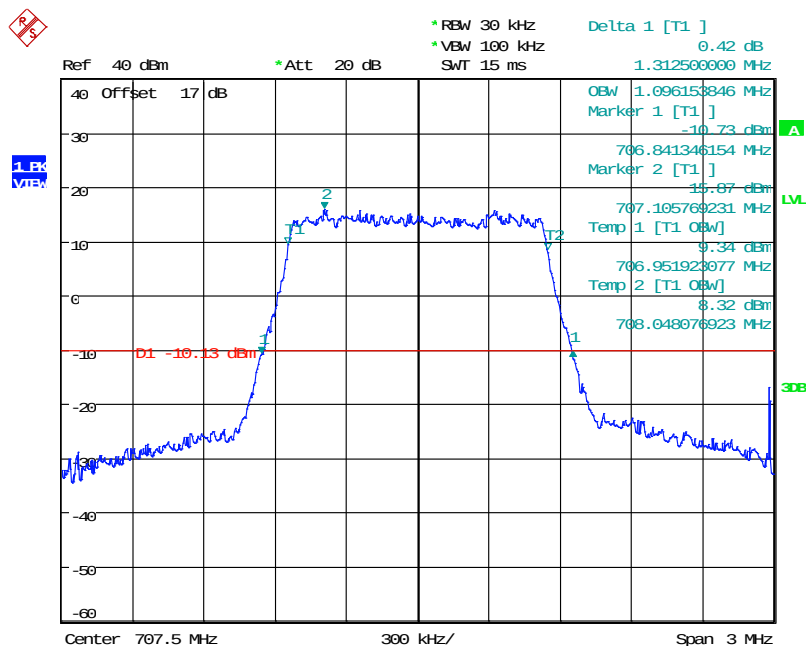
Date: 7.JUL.2026 09:42:07



Registration number: W6M22606-25211-C-247

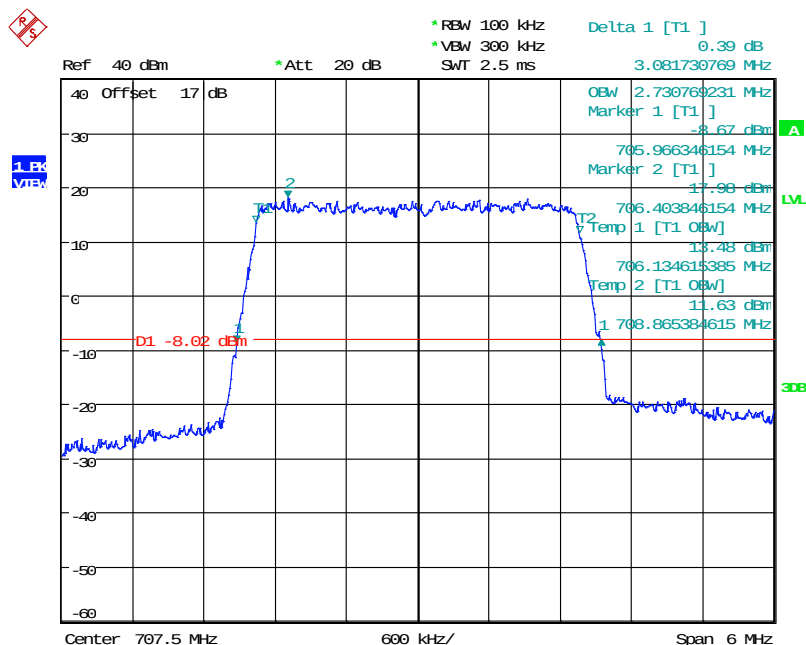
FCC ID: K44529701

16QAM



Date: 7.JUL.2026 09:40:55

3 MHz  
QPSK



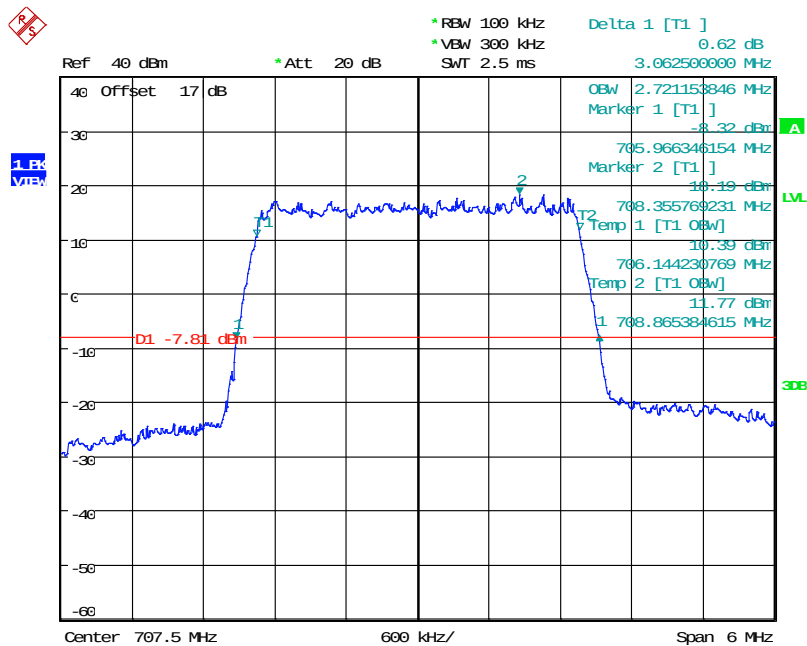
Date: 7.JUL.2026 09:43:34



Registration number: W6M22606-25211-C-247

FCC ID: K44529701

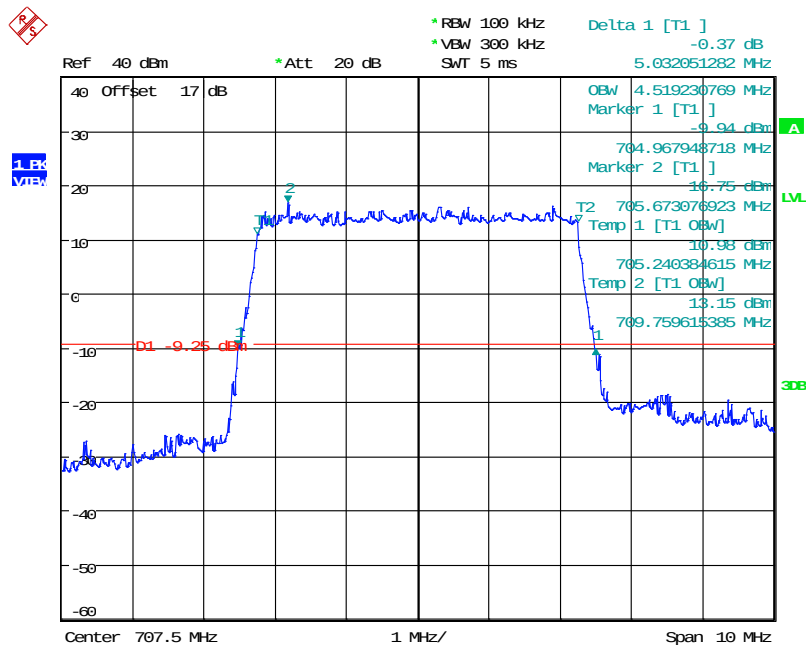
16QAM



Date: 7.JUL.2026 09:44:56

5 MHz

QPSK



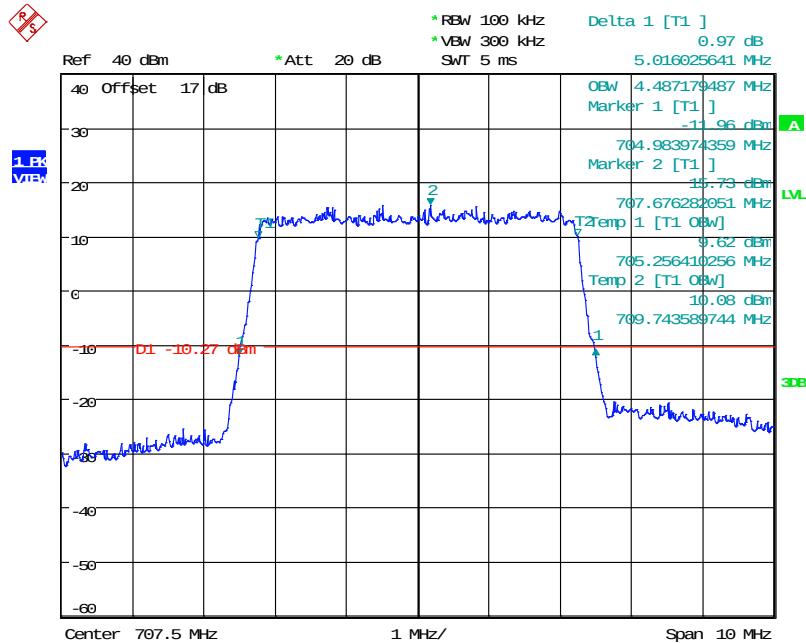
Date: 7.JUL.2026 10:16:36



Registration number: W6M22606-25211-C-247

FCC ID: K44529701

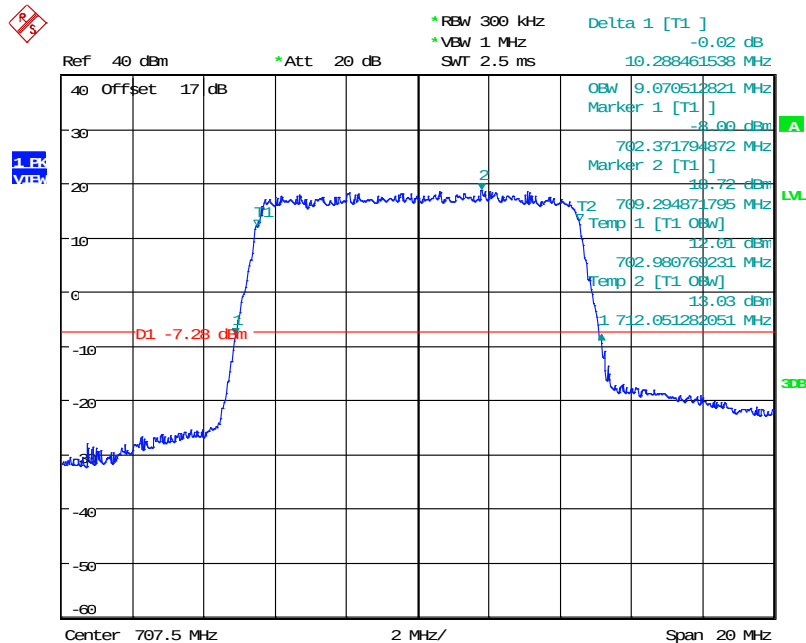
16QAM



Date: 7.JUL.2026 10:15:21

10 MHz

QPSK



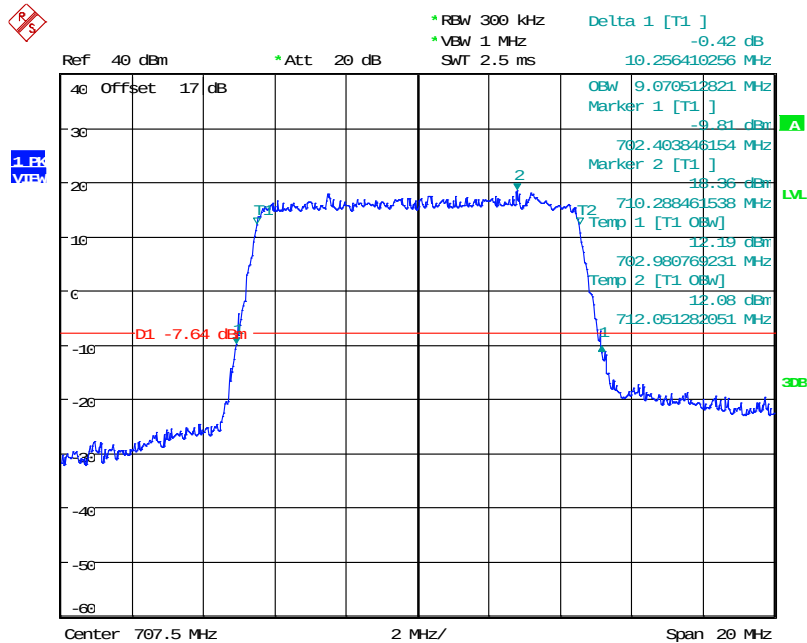
Date: 7.JUL.2026 10:32:12



Registration number: W6M22606-25211-C-247

FCC ID: K44529701

16QAM



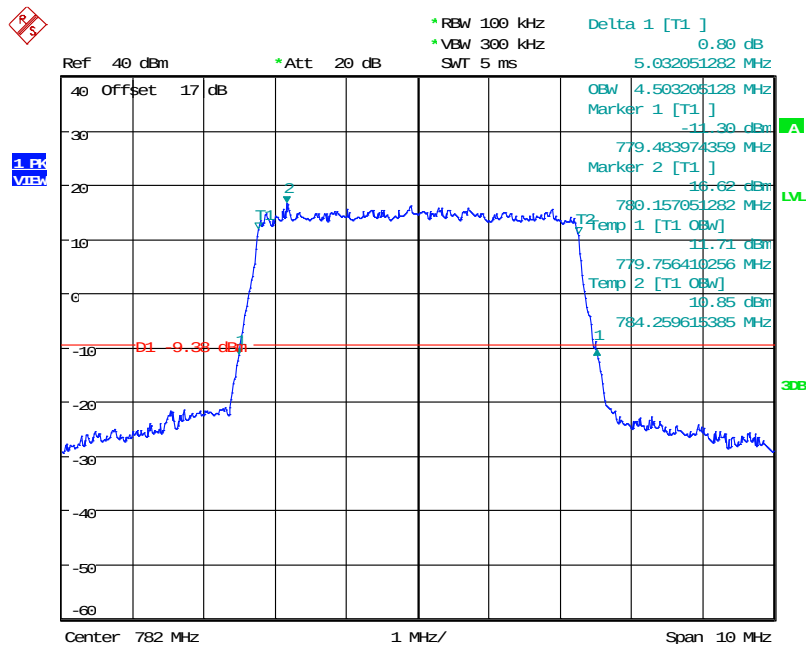
Date: 7.JUL.2026 10:34:26

Band 13

FRB

5 MHz

QPSK



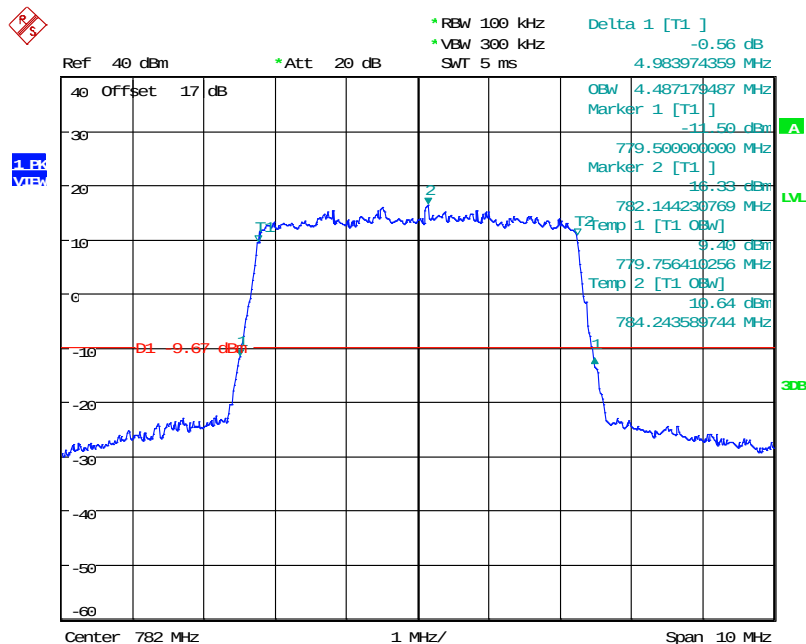
Date: 7.JUL.2026 10:17:53



Registration number: W6M22606-25211-C-247

FCC ID: K44529701

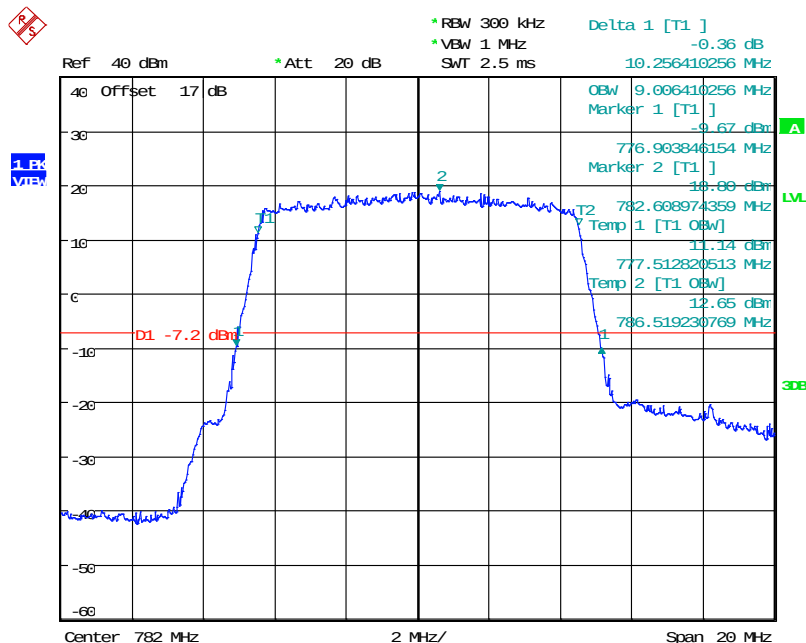
16QAM



Date: 7.JUL.2026 10:19:11

10 MHz

QPSK



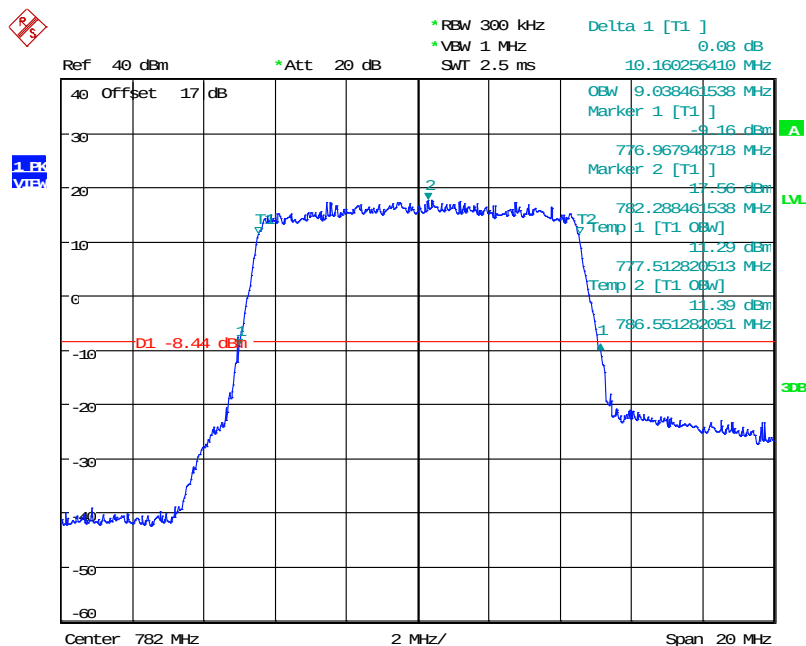
Date: 7.JUL.2026 10:30:57



Registration number: W6M22606-25211-C-247

FCC ID: K44529701

16QAM



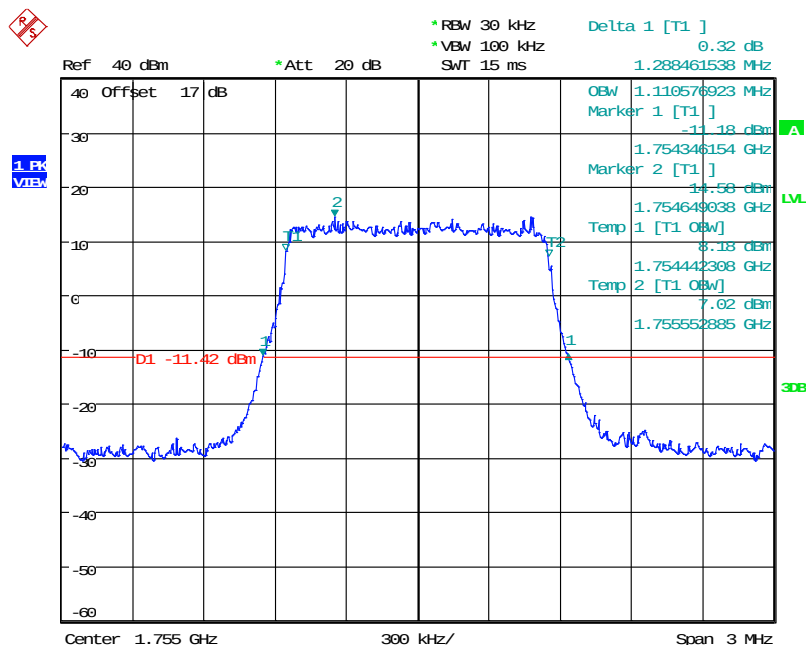
Date: 7.JUL.2026 10:29:58

Band 66

FRB

1.4 MHz

QPSK



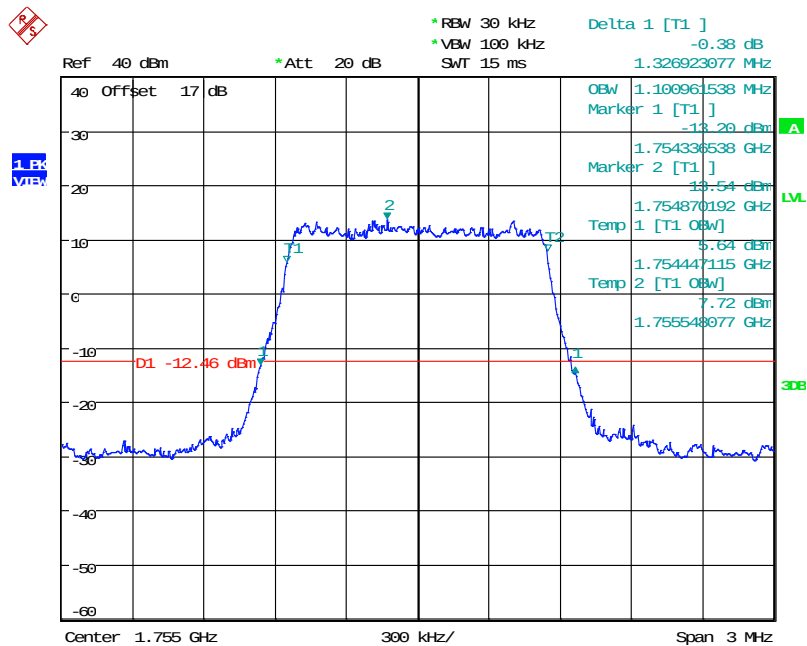
Date: 8.JUL.2026 10:18:12



Registration number: W6M22606-25211-C-247

FCC ID: K44529701

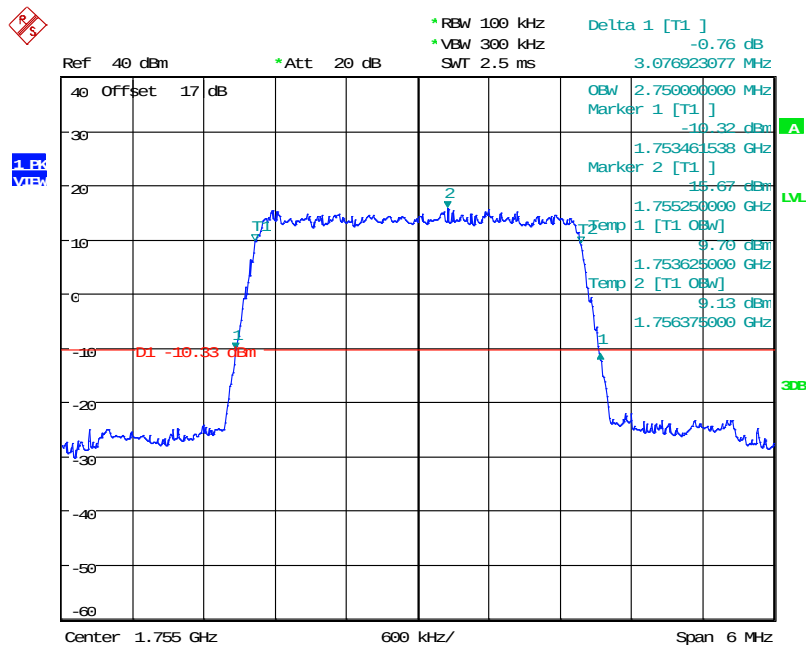
16QAM



Date: 8.JUL.2026 10:19:01

3 MHz

QPSK



Date: 8.JUL.2026 10:21:37

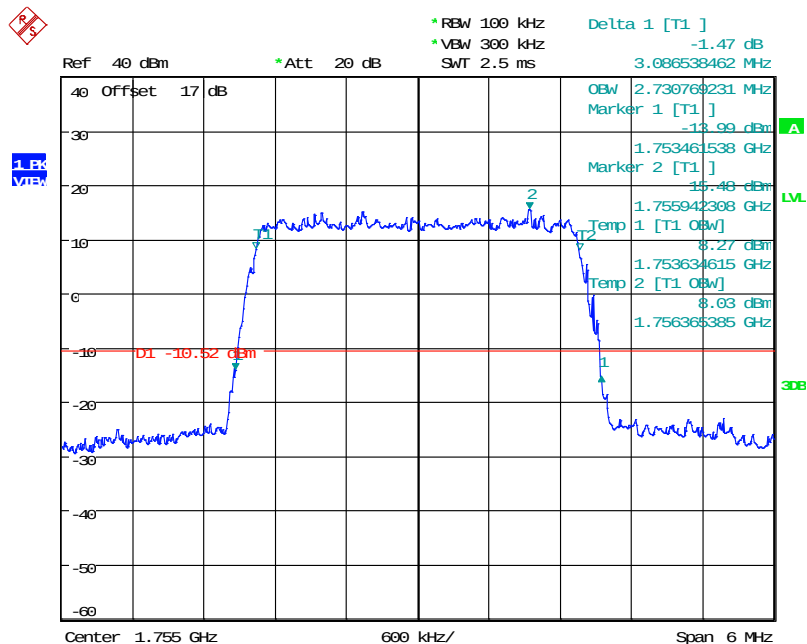


# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22606-25211-C-247

FCC ID: K44529701

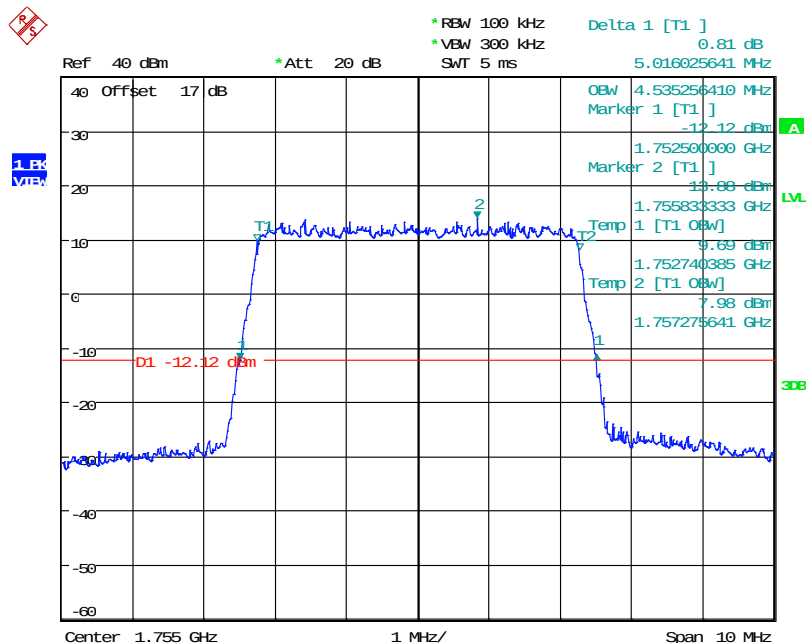
16QAM



Date: 8.JUL.2026 10:20:43

5 MHz

QPSK



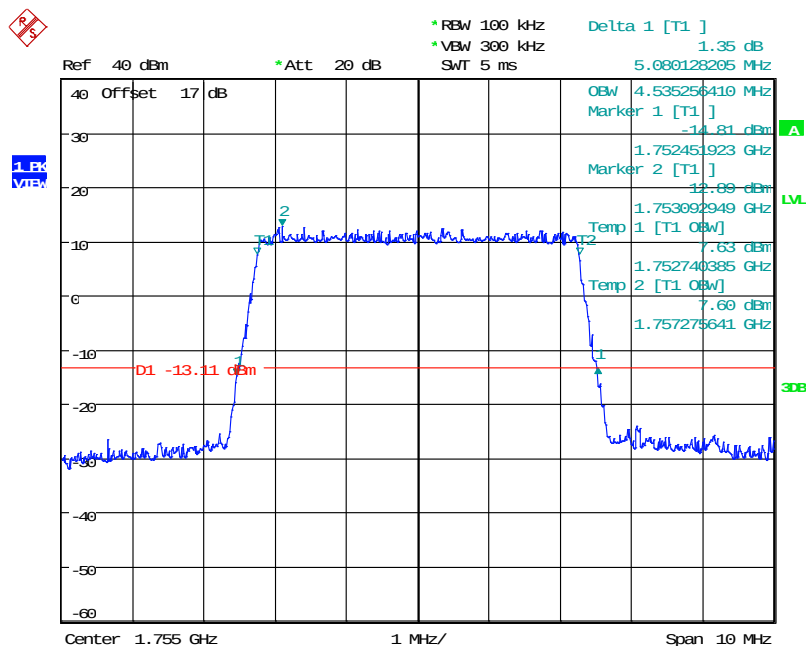
Date: 8.JUL.2026 10:22:39



Registration number: W6M22606-25211-C-247

FCC ID: K44529701

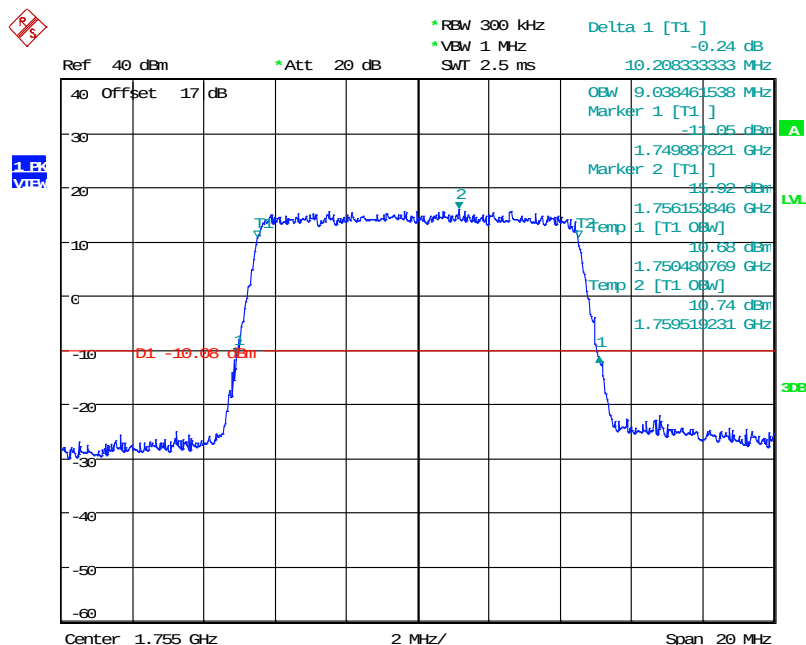
16QAM



Date: 8.JUL.2026 10:23:54

10 MHz

QPSK



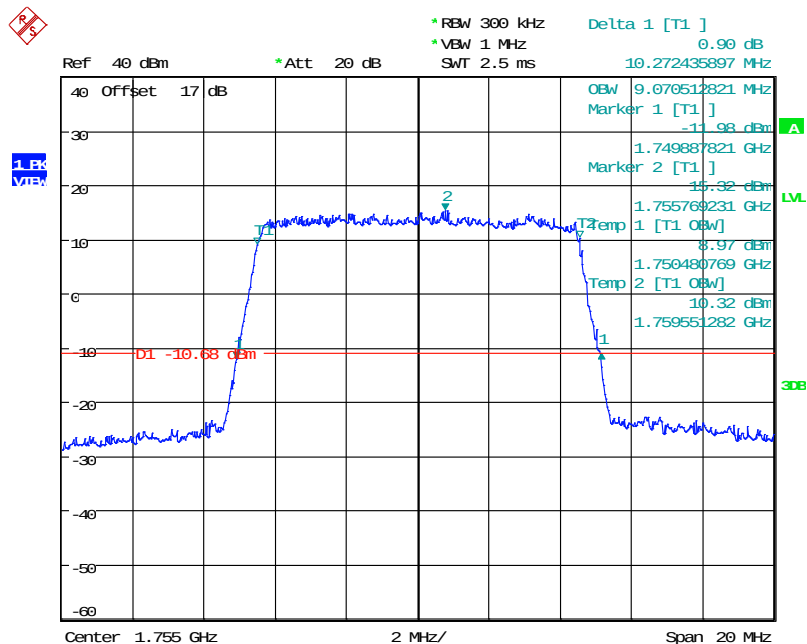
Date: 8.JUL.2026 10:26:11



Registration number: W6M22606-25211-C-247

FCC ID: K44529701

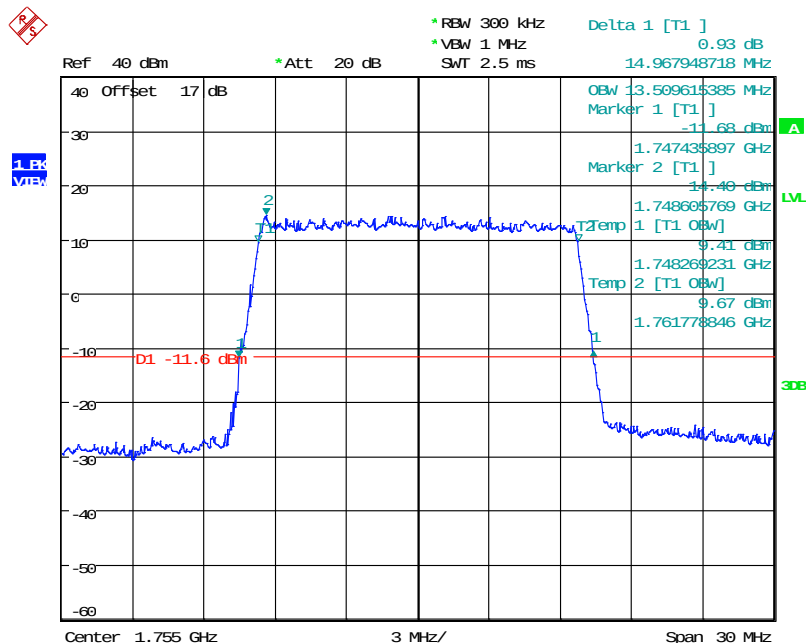
16QAM



Date: 8.JUL.2026 10:25:18

15 MHz

QPSK



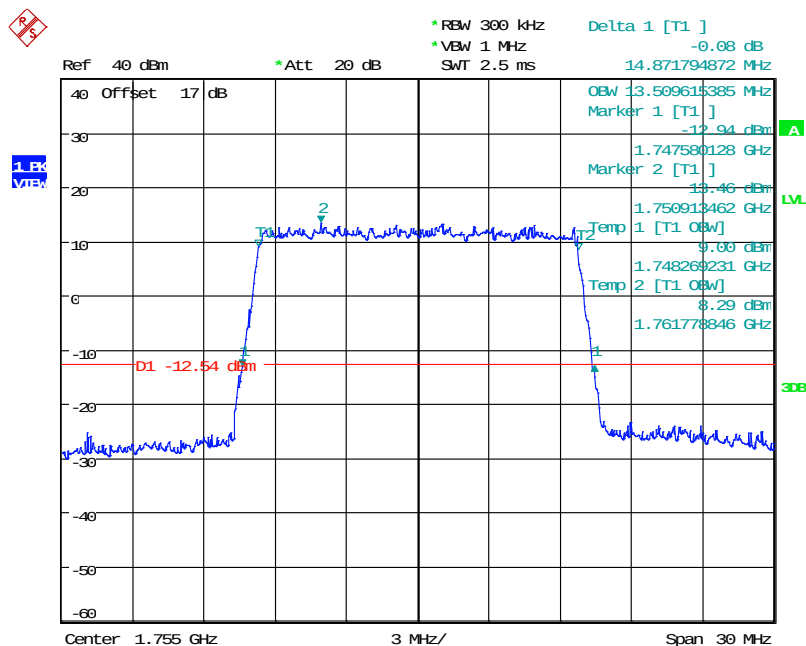
Date: 8.JUL.2026 10:28:12



Registration number: W6M22606-25211-C-247

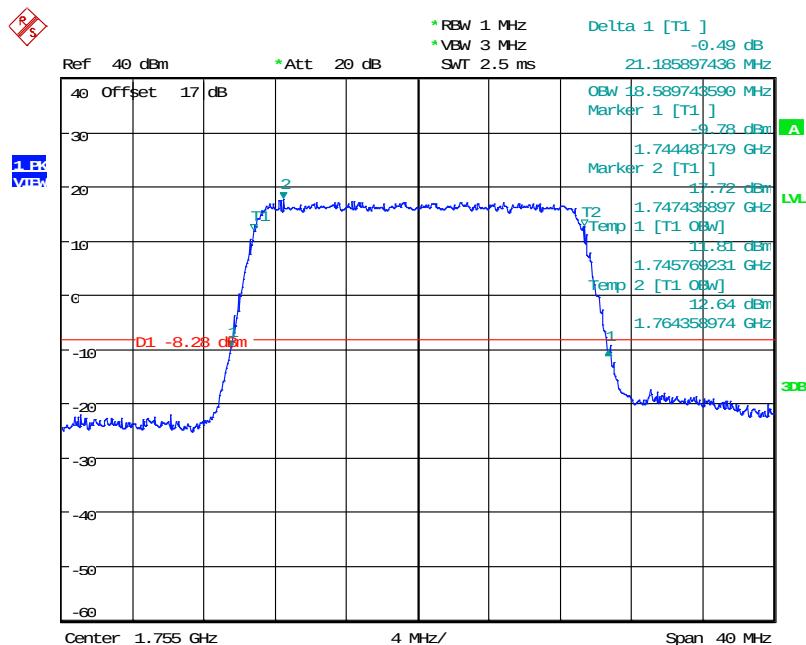
FCC ID: K44529701

16QAM



Date: 8.JUL.2026 10:27:13

20 MHz  
QPSK



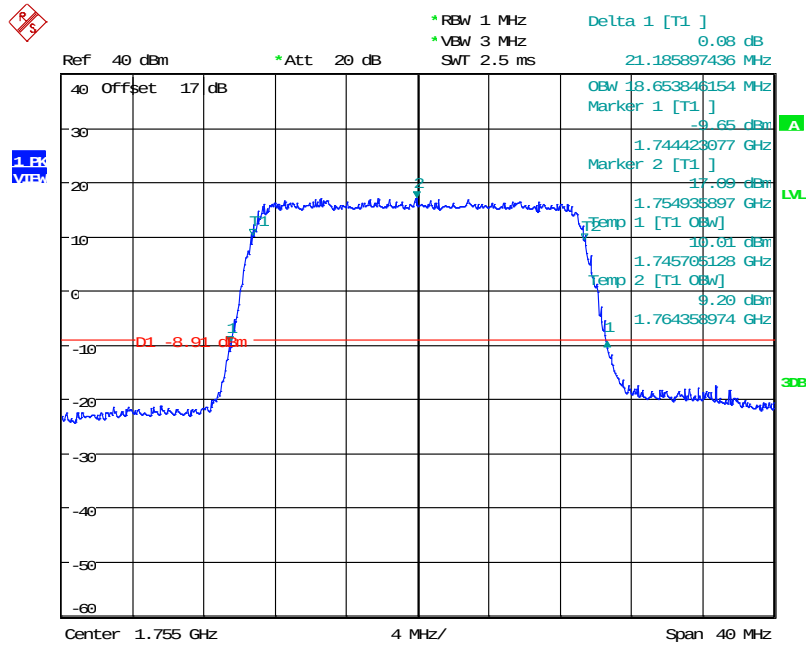
Date: 8.JUL.2026 10:30:08



Registration number: W6M22606-25211-C-247

FCC ID: K44529701

16QAM



Date: 8.JUL.2026 10:29:25

Registration number: W6M22606-25211-C-247

FCC ID: K44529701

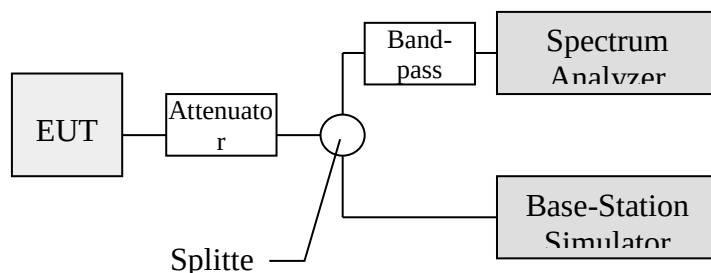
## **7 Spurious Emissions at Antenna Terminals**

### **7.1 Test procedure**

This transmitter output was connected to a calibrated coaxial attenuator, the other end of which was connected to a spectrum analyzer via a three-port splitter. Please refer to the following figure. Transmitter output was derived with the spectrum analyzer in dBm.

The Spurious Emissions at Antenna Terminals was measured by the spectrum analyzer with a suitable notch filter and/or Band-pass filter.

Tests were performed with an unmodulated carrier at three frequencies (low, middle and high channels ) and on all power levels , which can be set-up on the transmitters.





Registration number: W6M22606-25211-C-247

FCC ID: K44529701

## 7.2 Test Results

Test date: July 07, 2026-July 08, 2026

Temperature: 27.0 °C

Humidity: 51.2 %

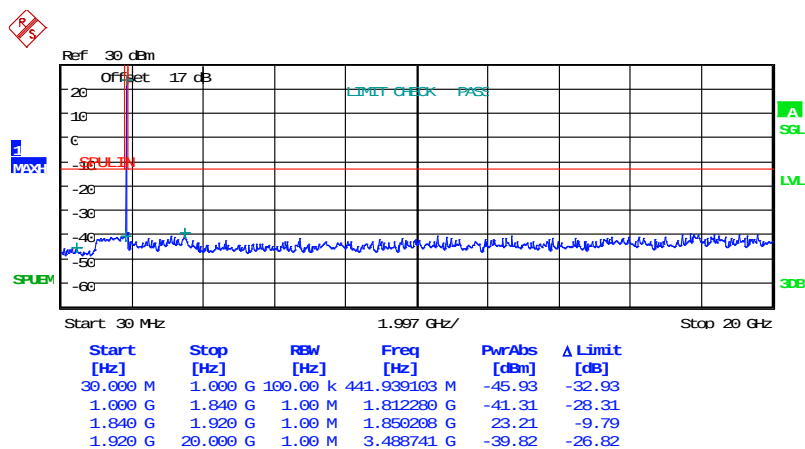
Tester: Sora

Band 2

1RB

1.4 MHz

QPSK

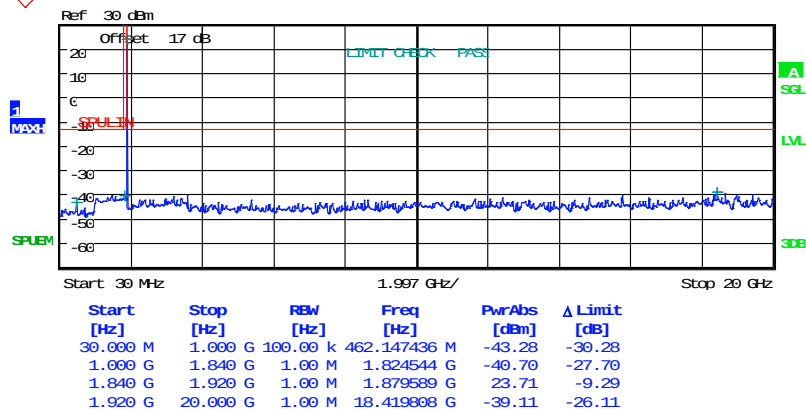


Date: 7.JUL.2026 11:41:29

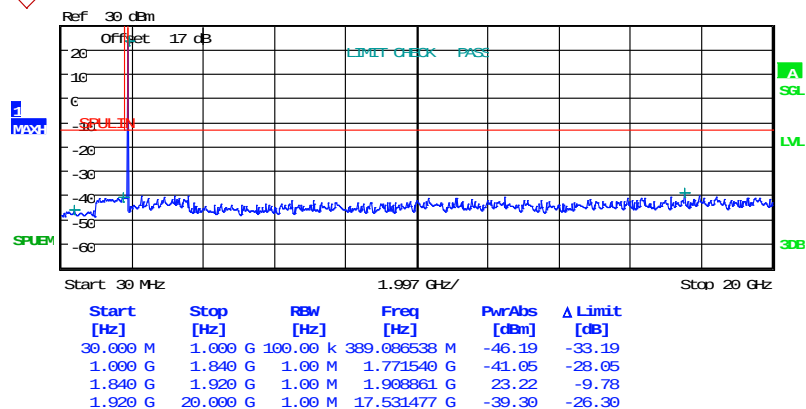


Registration number: W6M22606-25211-C-247

FCC ID: K44529701



Date: 7.JUL.2026 11:41:57



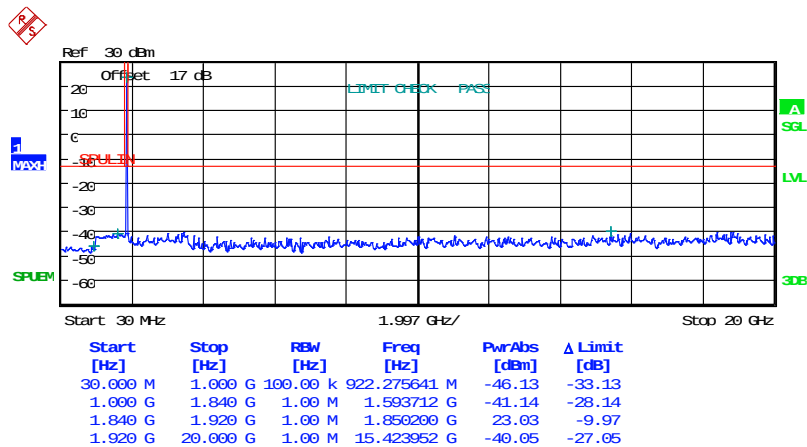
Date: 7.JUL.2026 11:42:20



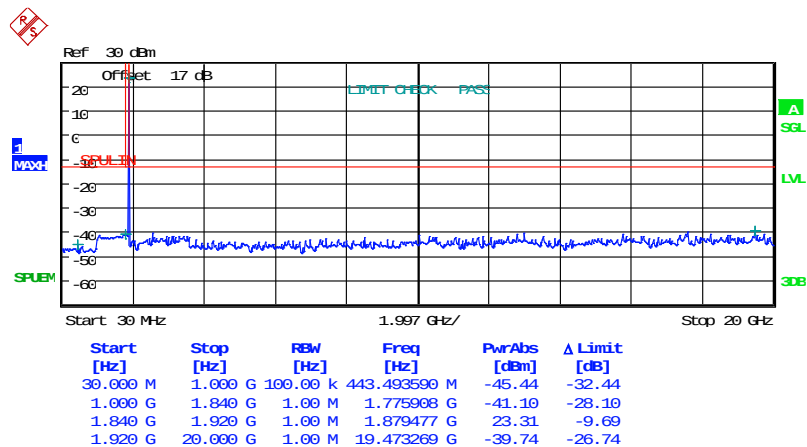
Registration number: W6M22606-25211-C-247

FCC ID: K44529701

16QAM



Date: 7.JUL.2026 11:43:04

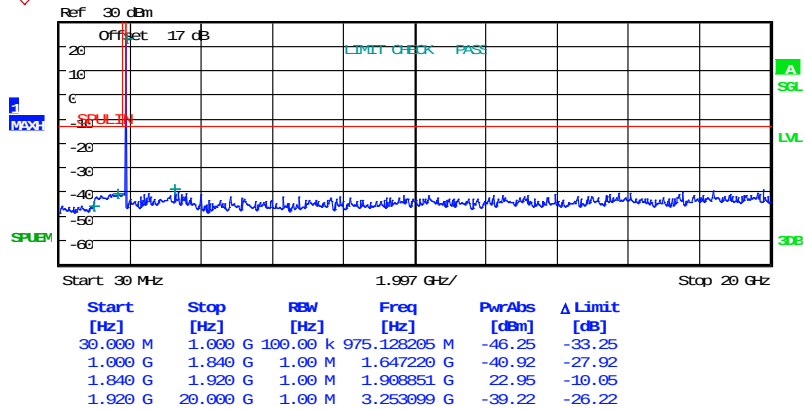


Date: 7.JUL.2026 11:43:20



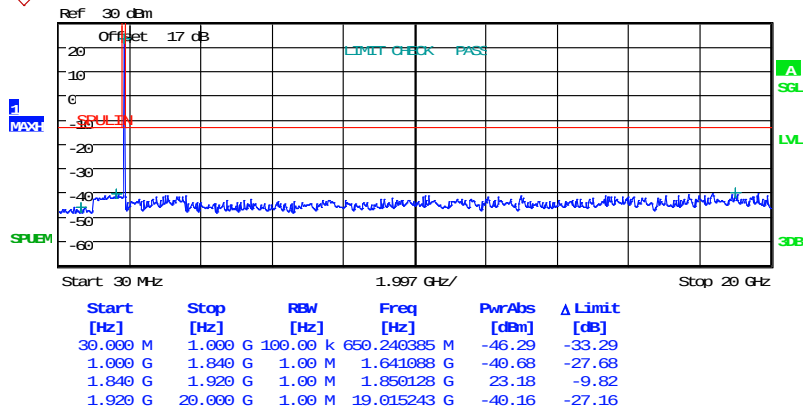
Registration number: W6M22606-25211-C-247

FCC ID: K44529701



Date: 7.JUL.2026 11:42:48

3 MHz  
QPSK



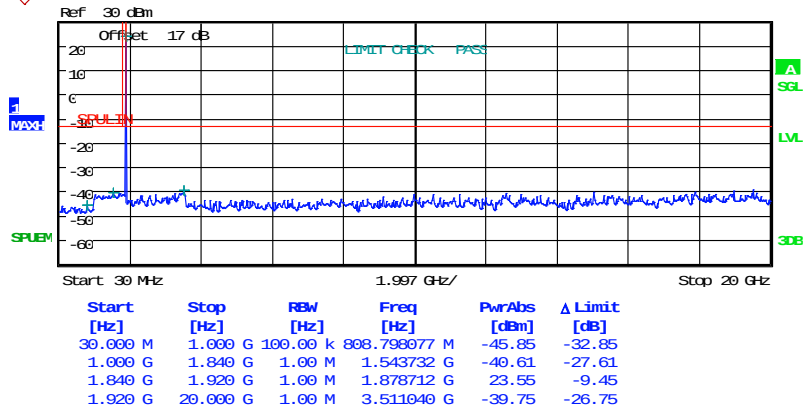
Date: 7.JUL.2026 11:46:14



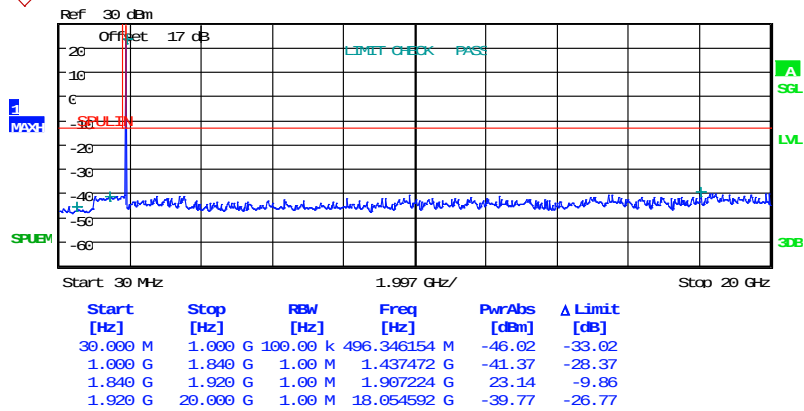
# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22606-25211-C-247

FCC ID: K44529701



Date: 7.JUL.2026 11:46:28



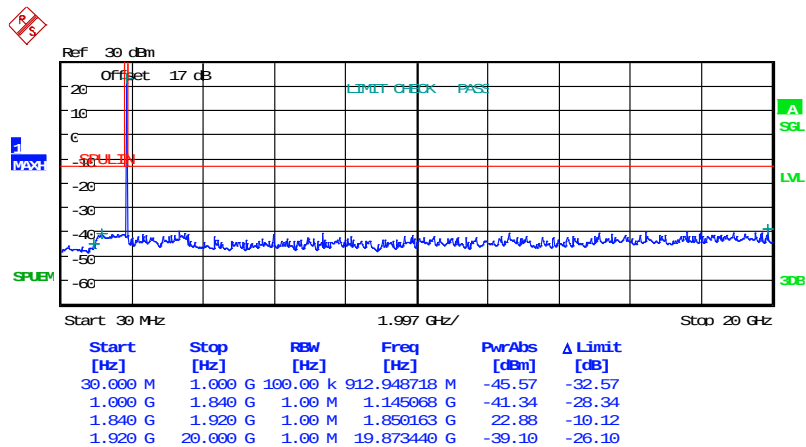
Date: 7.JUL.2026 11:45:55



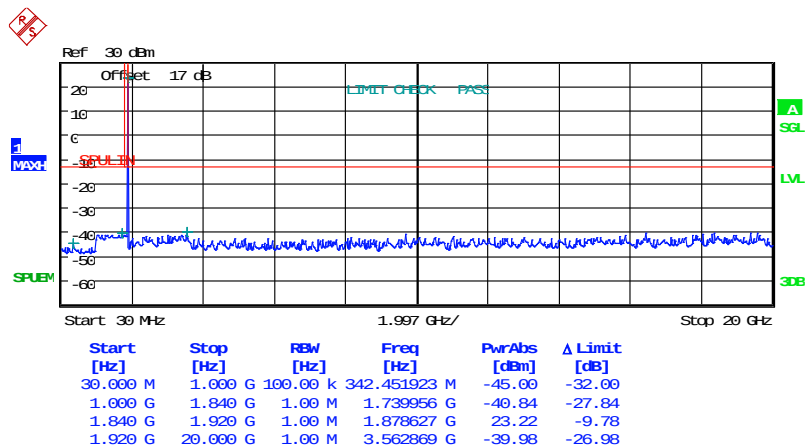
Registration number: W6M22606-25211-C-247

FCC ID: K44529701

16QAM



Date: 7.JUL.2026 11:44:36

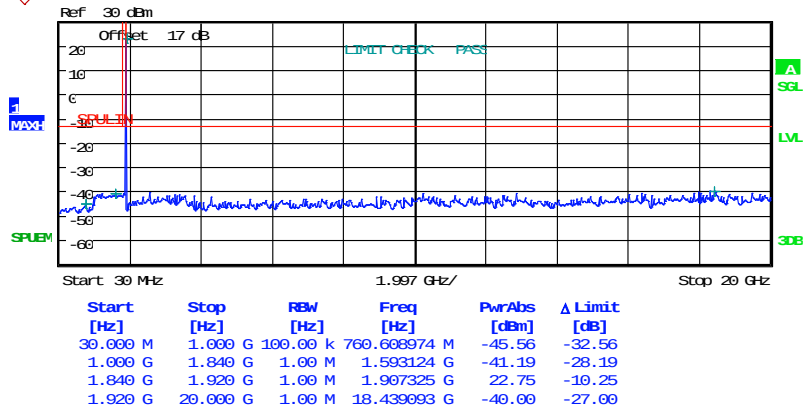


Date: 7.JUL.2026 11:44:09



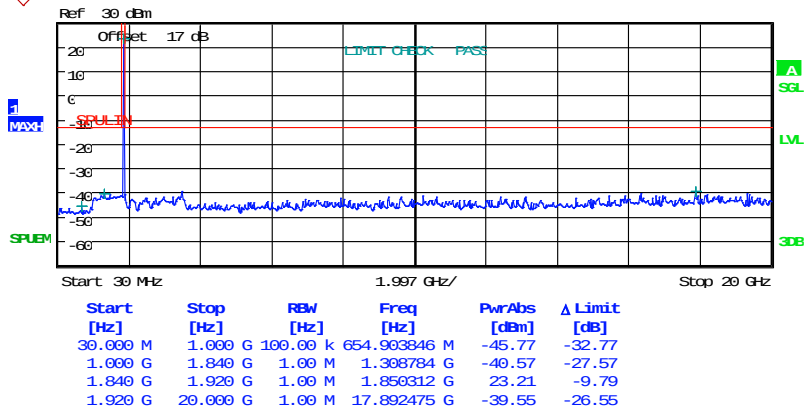
Registration number: W6M22606-25211-C-247

FCC ID: K44529701



Date: 7.JUL.2026 11:45:23

5 MHz  
QPSK

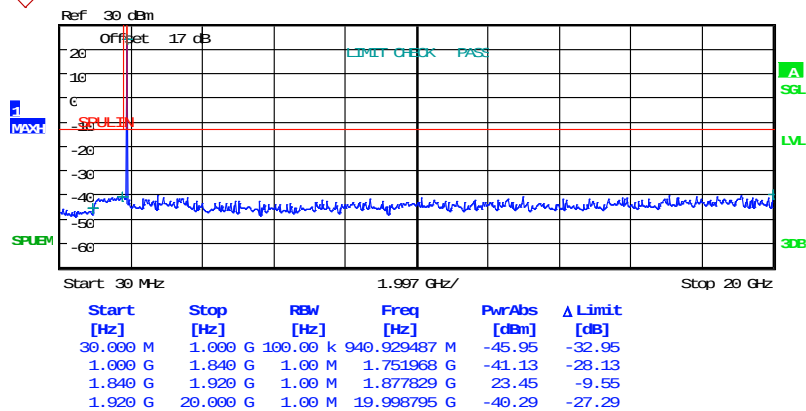


Date: 7.JUL.2026 11:47:27

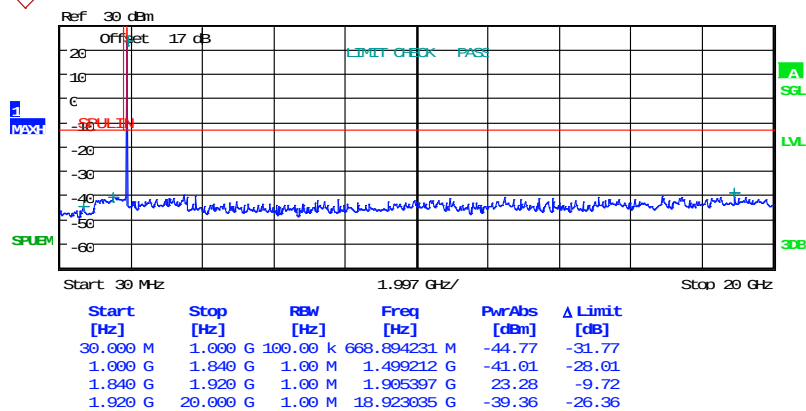


Registration number: W6M22606-25211-C-247

FCC ID: K44529701



Date: 7.JUL.2026 11:47:04



Date: 7.JUL.2026 11:47:43

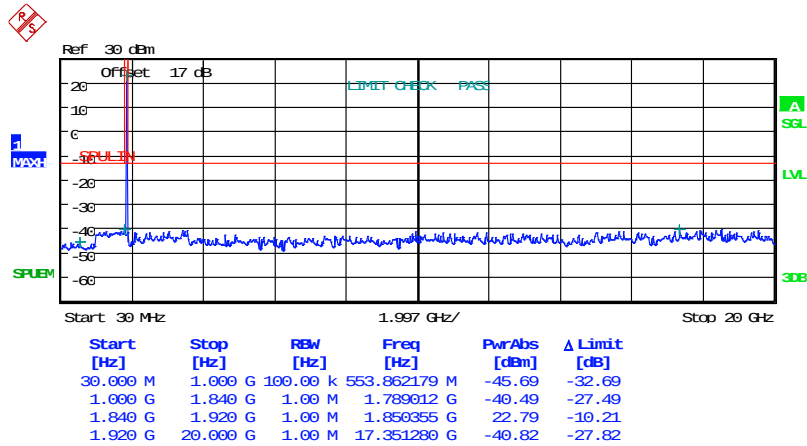


# Worldwide Testing Services(Taiwan) Co., Ltd.

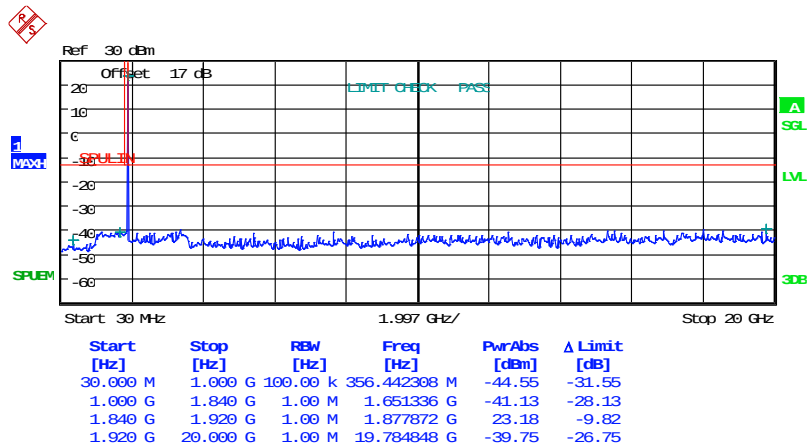
Registration number: W6M22606-25211-C-247

FCC ID: K44529701

16QAM



Date: 7.JUL.2026 11:48:29

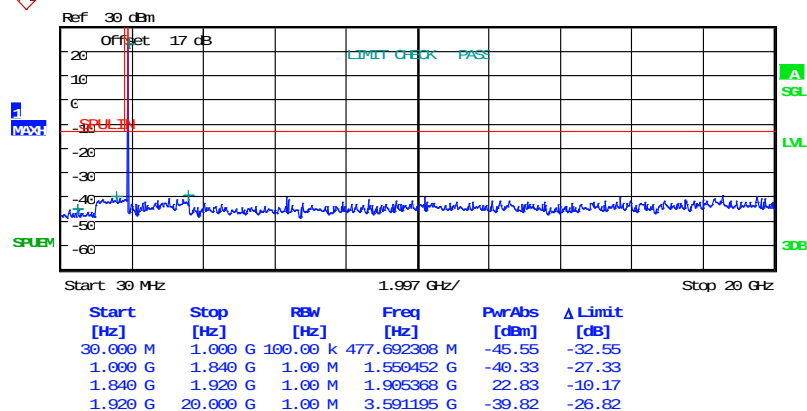


Date: 7.JUL.2026 11:48:44



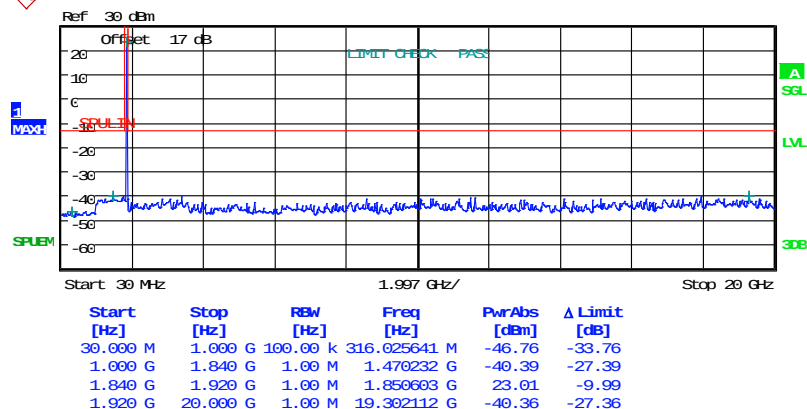
Registration number: W6M22606-25211-C-247

FCC ID: K44529701



Date: 7.JUL.2026 11:48:12

10 MHz  
QPSK

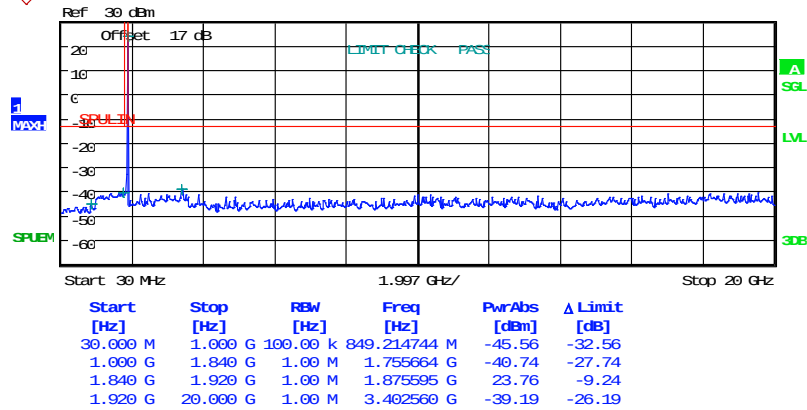


Date: 7.JUL.2026 11:50:53

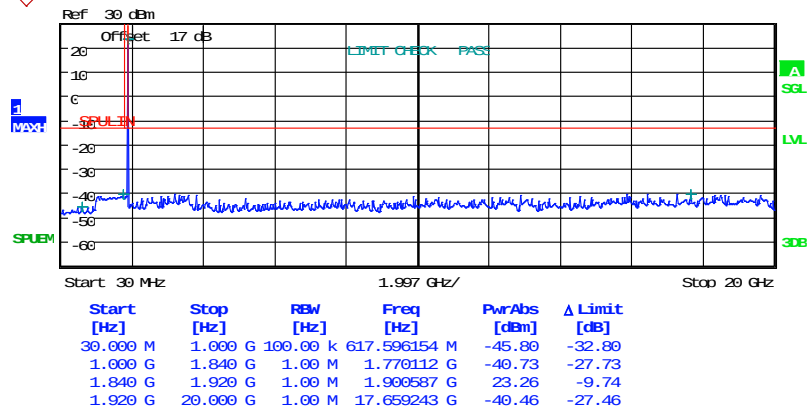


Registration number: W6M22606-25211-C-247

FCC ID: K44529701



Date: 7.JUL.2026 11:51:16



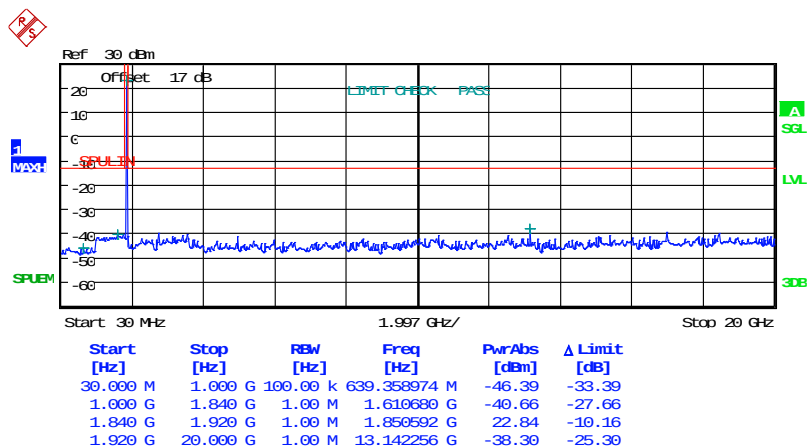
Date: 7.JUL.2026 11:50:27



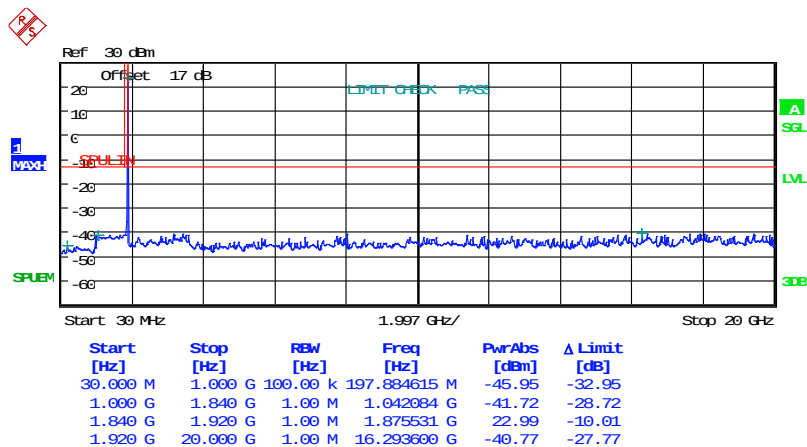
Registration number: W6M22606-25211-C-247

FCC ID: K44529701

16QAM



Date: 7.JUL.2026 11:49:39

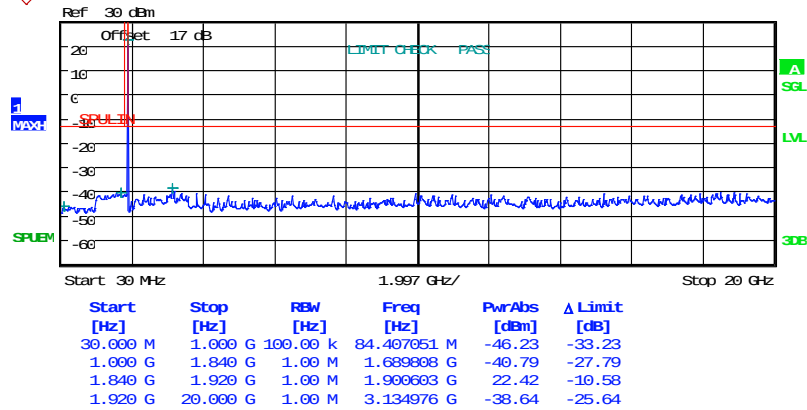


Date: 7.JUL.2026 11:49:22



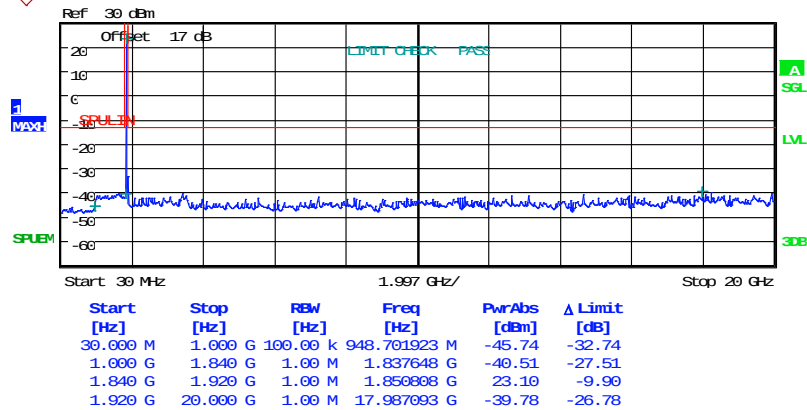
Registration number: W6M22606-25211-C-247

FCC ID: K44529701



Date: 7. JUL.2026 11:49:59

15 MHz  
QPSK

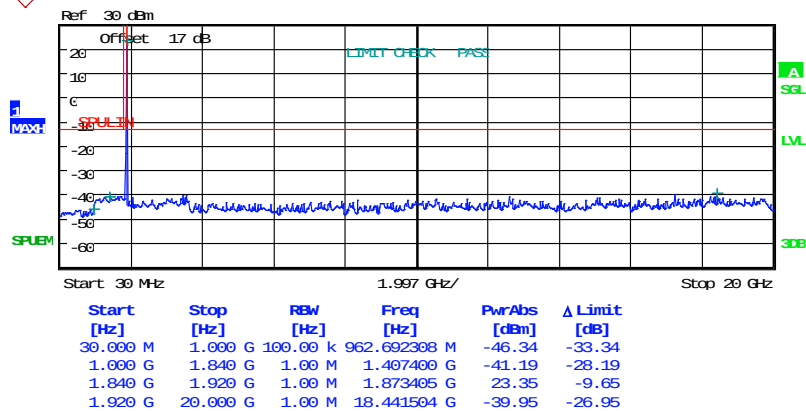


Date: 7. JUL.2026 11:52:08

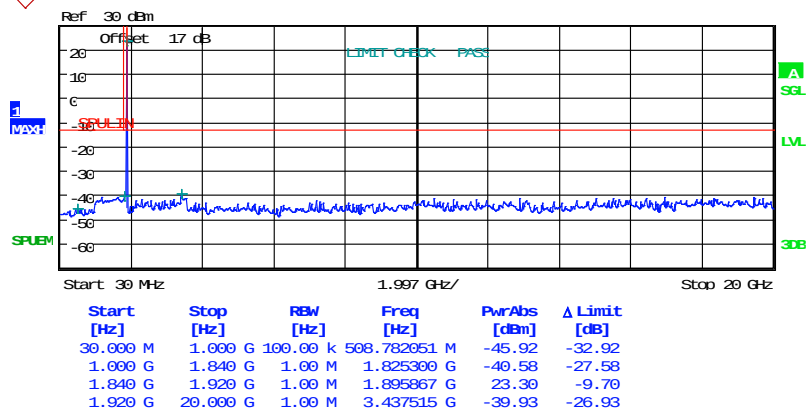


Registration number: W6M22606-25211-C-247

FCC ID: K44529701



Date: 7.JUL.2026 11:51:47



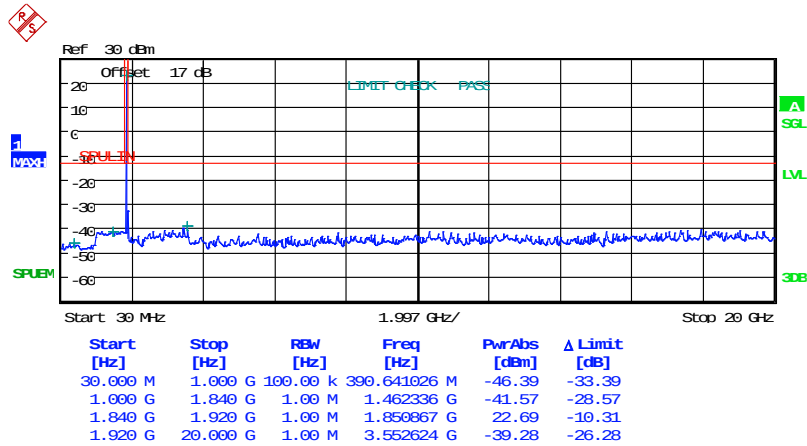
Date: 7.JUL.2026 11:53:33



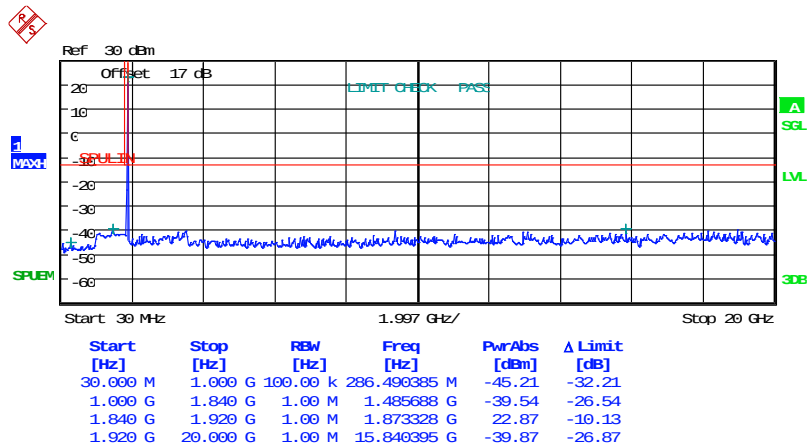
Registration number: W6M22606-25211-C-247

FCC ID: K44529701

16QAM



Date: 7.JUL.2026 11:54:16

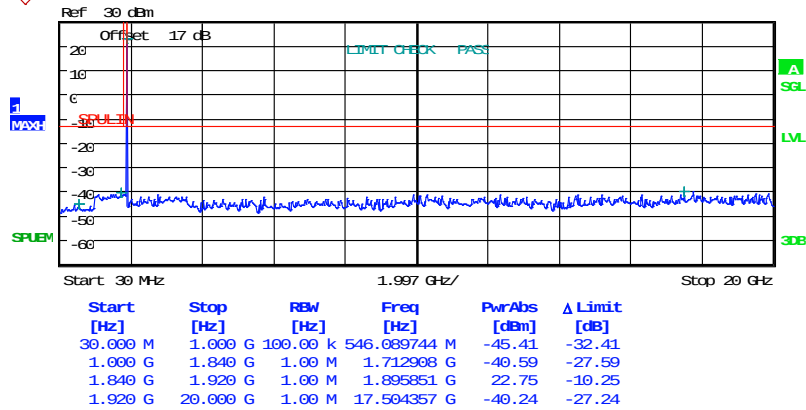


Date: 7.JUL.2026 11:54:29



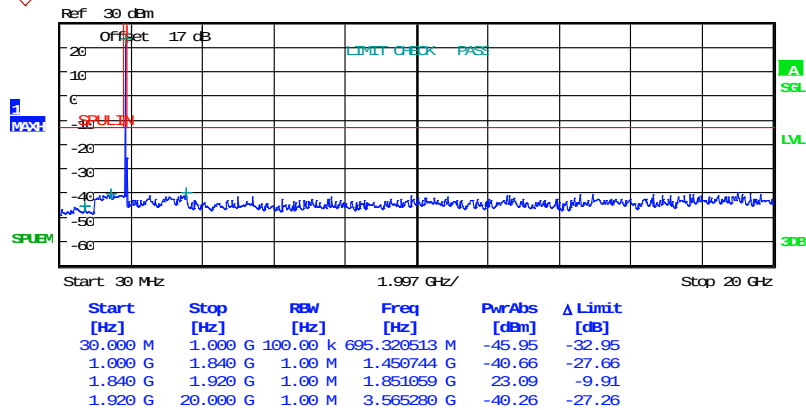
Registration number: W6M22606-25211-C-247

FCC ID: K44529701



Date: 7.JUL.2026 11:54:00

20 MHz  
QPSK



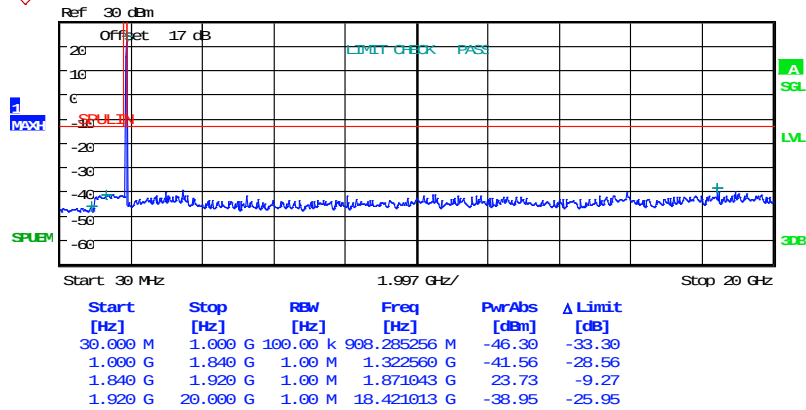
Date: 7.JUL.2026 11:58:01



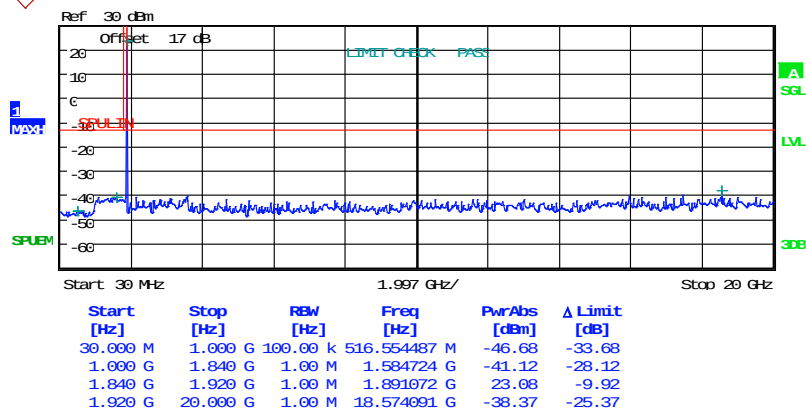
# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22606-25211-C-247

FCC ID: K44529701



Date: 7.JUL.2026 11:57:46



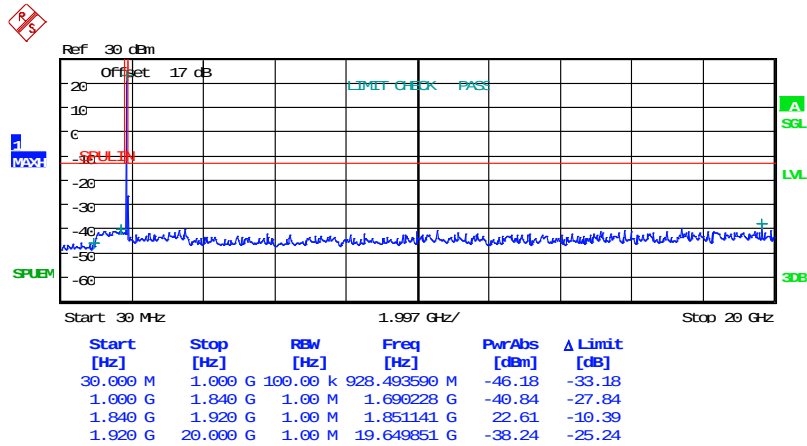
Date: 7.JUL.2026 11:57:26



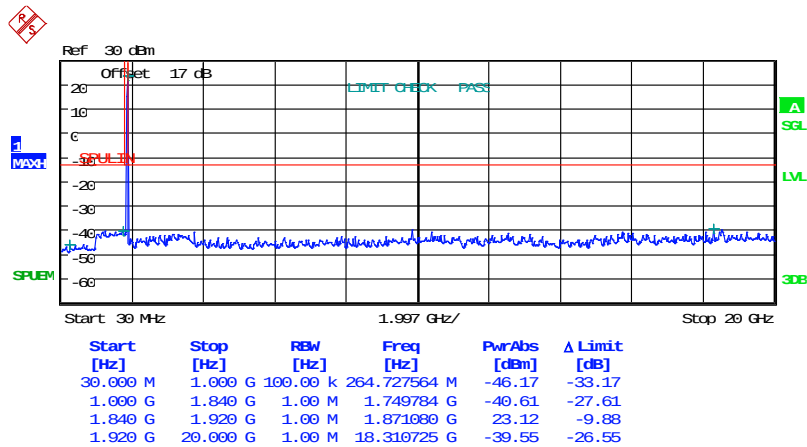
Registration number: W6M22606-25211-C-247

FCC ID: K44529701

16QAM



Date: 7.JUL.2026 11:56:38

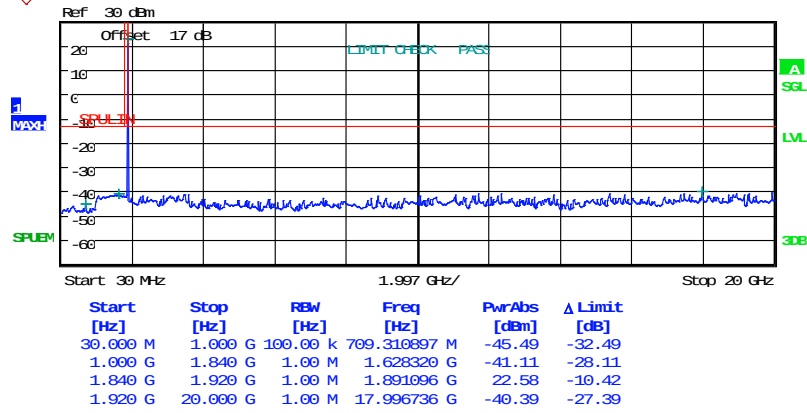


Date: 7.JUL.2026 11:55:01



Registration number: W6M22606-25211-C-247

FCC ID: K44529701



Date: 7.JUL.2026 11:57:00



Registration number: W6M22606-25211-C-247

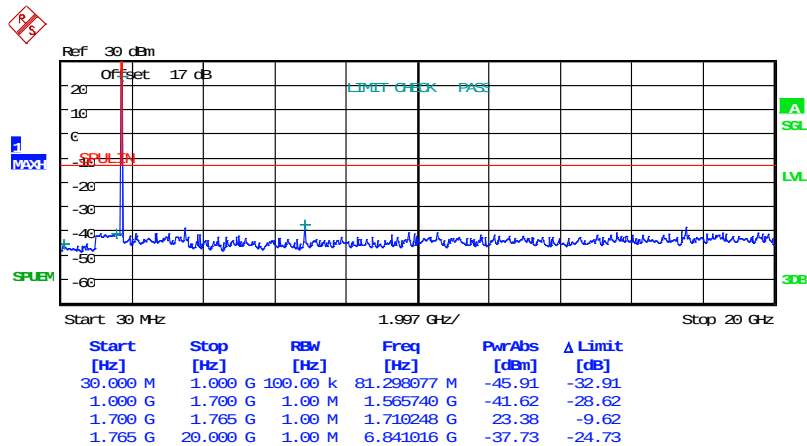
FCC ID: K44529701

Band 4

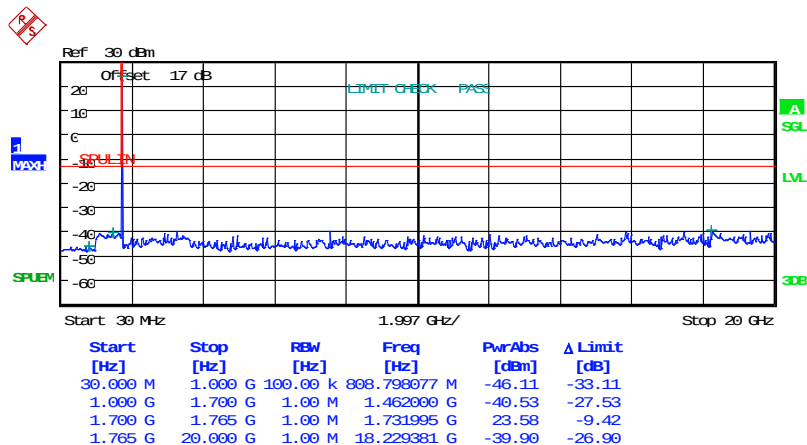
1RB

1.4 MHz

QPSK



Date: 7.JUL.2026 13:50:21

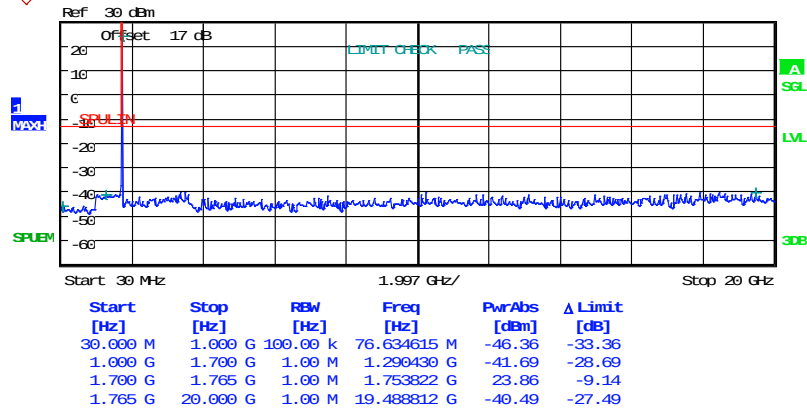


Date: 7.JUL.2026 13:50:37



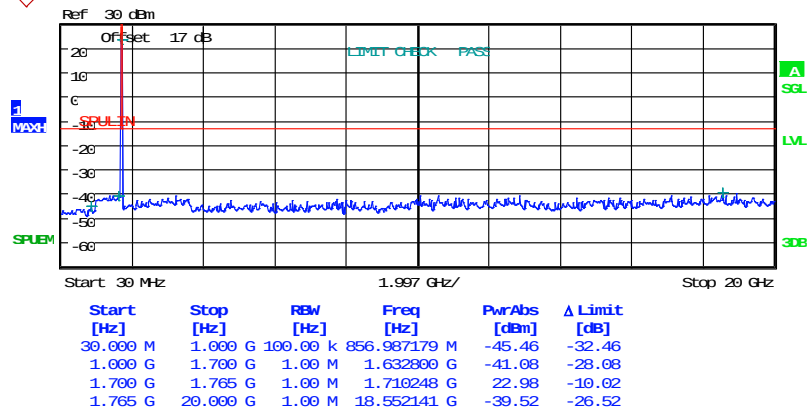
Registration number: W6M22606-25211-C-247

FCC ID: K44529701



Date: 7.JUL.2026 13:48:23

16QAM

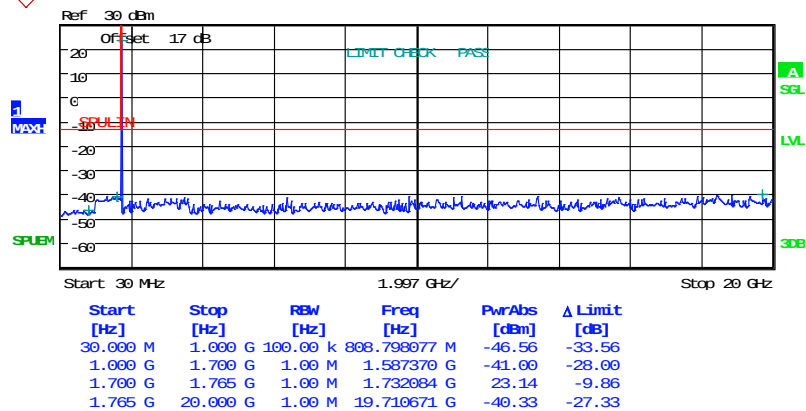


Date: 7.JUL.2026 13:47:45

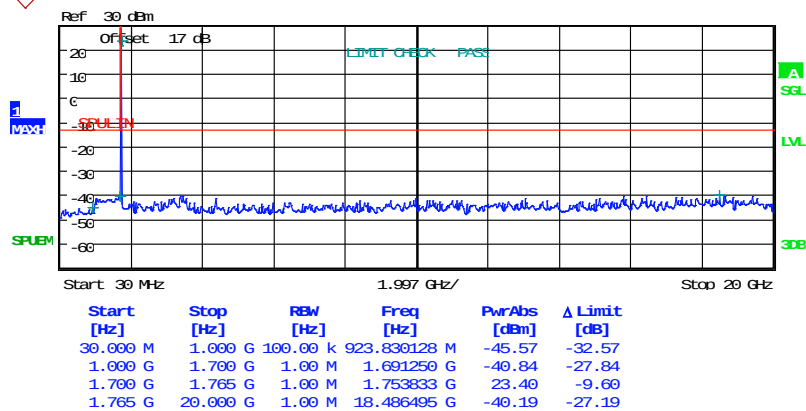


Registration number: W6M22606-25211-C-247

FCC ID: K44529701



Date: 7.JUL.2026 13:47:29



Date: 7.JUL.2026 13:48:02

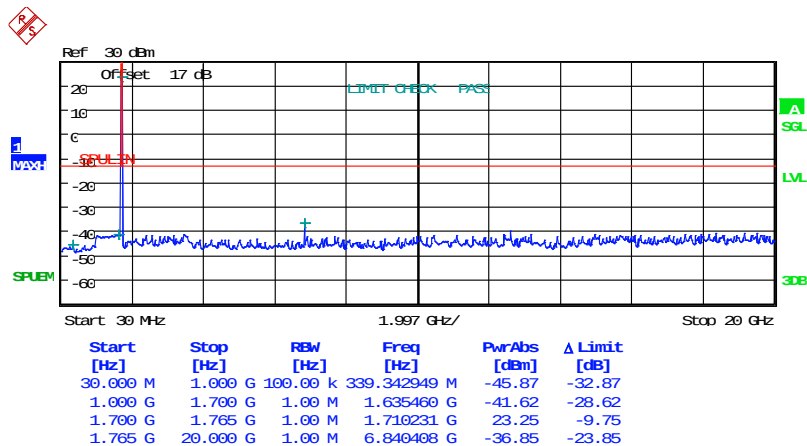


Registration number: W6M22606-25211-C-247

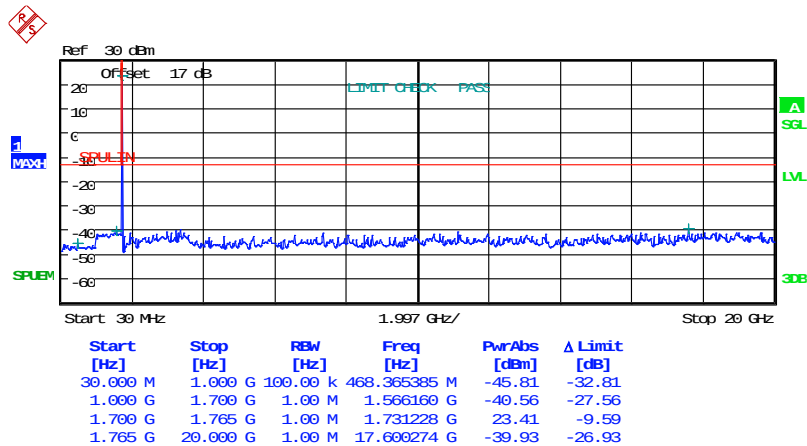
FCC ID: K44529701

3 MHz

QPSK



Date: 7.JUL.2026 13:45:25

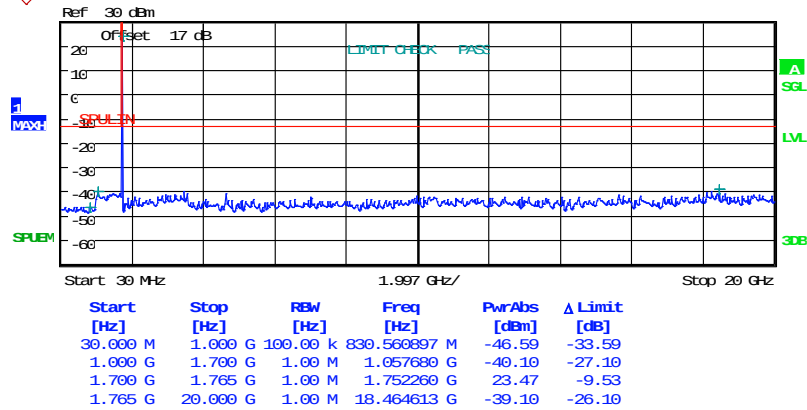


Date: 7.JUL.2026 13:45:01



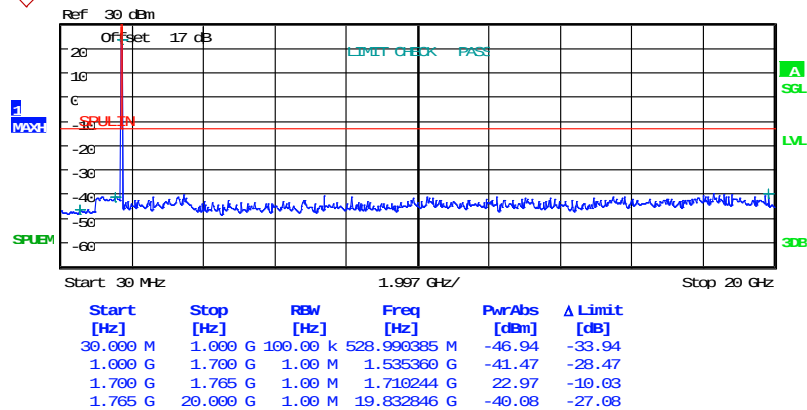
Registration number: W6M22606-25211-C-247

FCC ID: K44529701



Date: 7.JUL.2026 13:45:41

16QAM

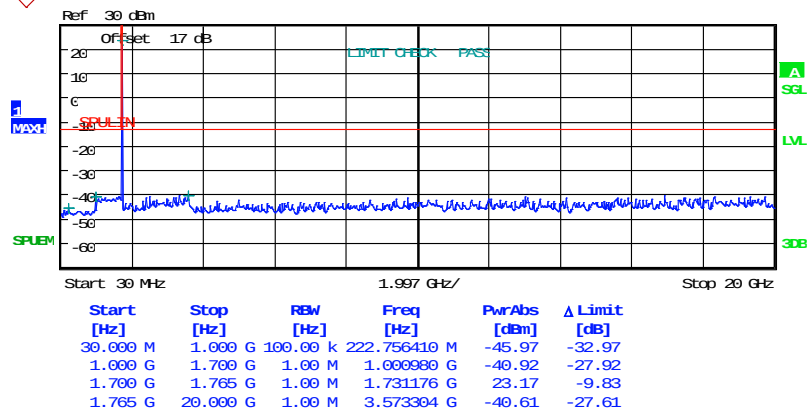


Date: 7.JUL.2026 13:46:34

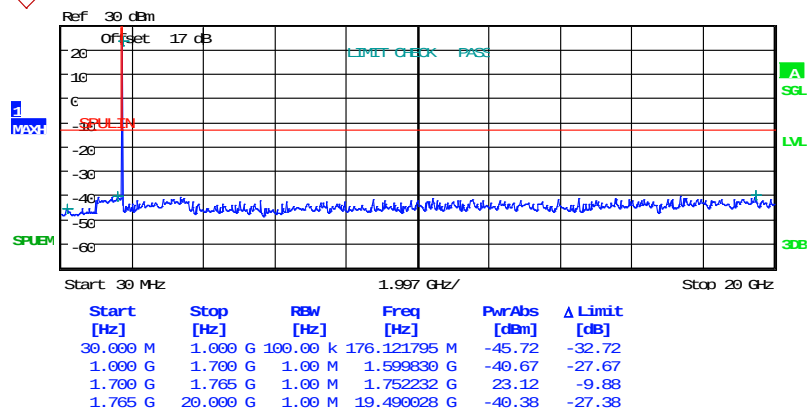


Registration number: W6M22606-25211-C-247

FCC ID: K44529701



Date: 7.JUL.2026 13:46:48



Date: 7.JUL.2026 13:46:10

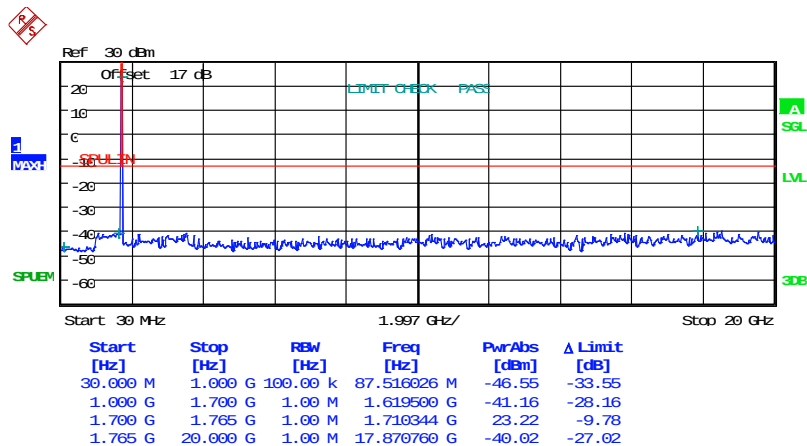


Registration number: W6M22606-25211-C-247

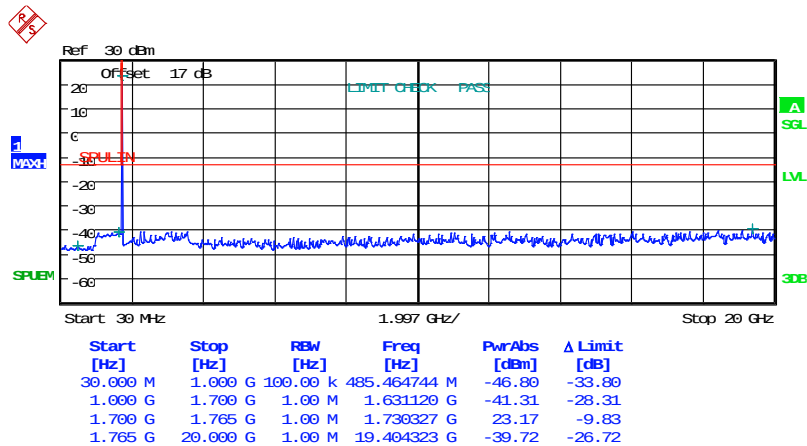
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5 MHz

QPSK



Date: 7.JUL.2026 13:32:40

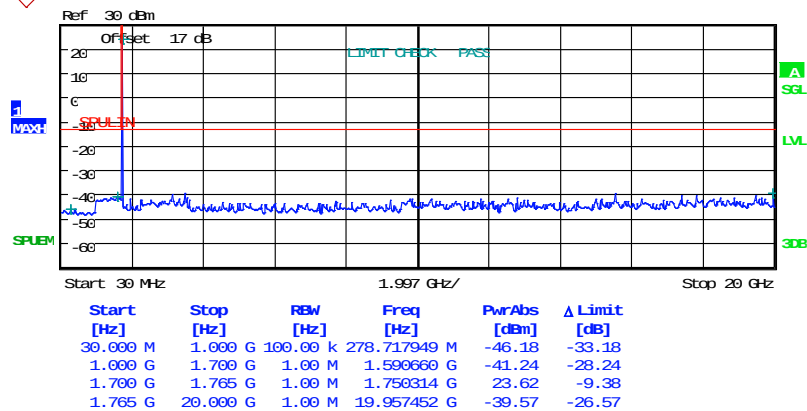


Date: 7.JUL.2026 13:32:59



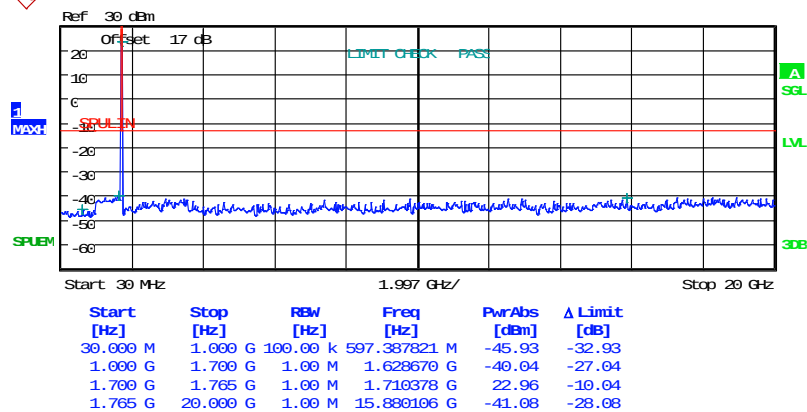
Registration number: W6M22606-25211-C-247

FCC ID: K44529701



Date: 7.JUL.2026 13:32:14

16QAM



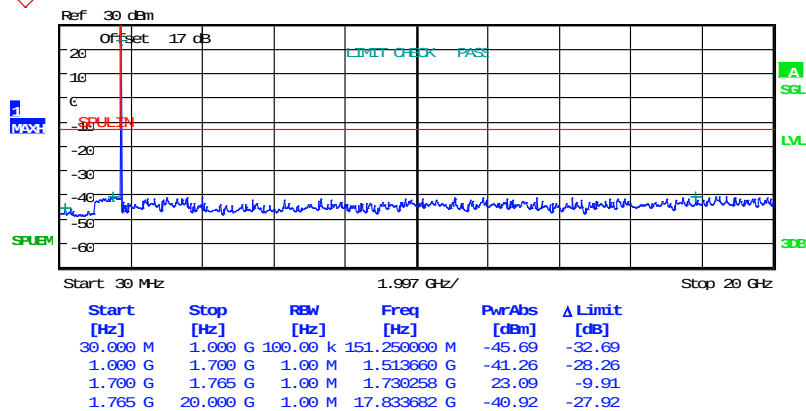
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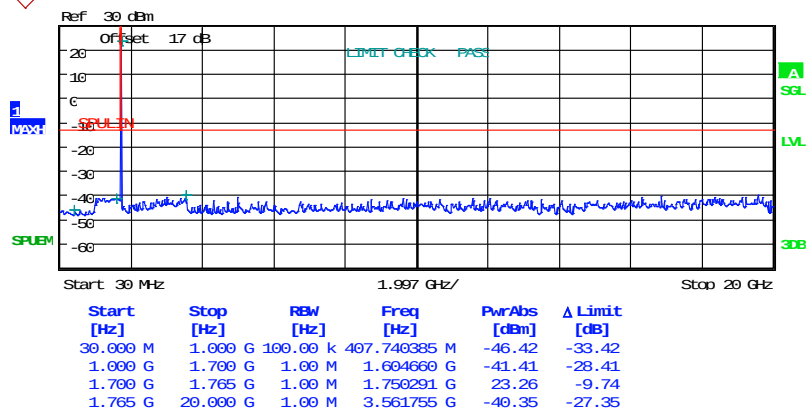
# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22606-25211-C-247

FCC ID: K44529701



Date: 7.JUL.2026 13:31:12



Date: 7.JUL.2026 13:31:45



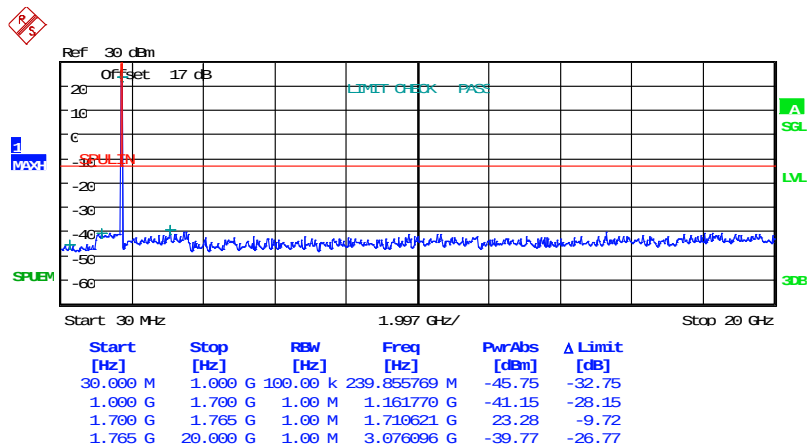
# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22606-25211-C-247

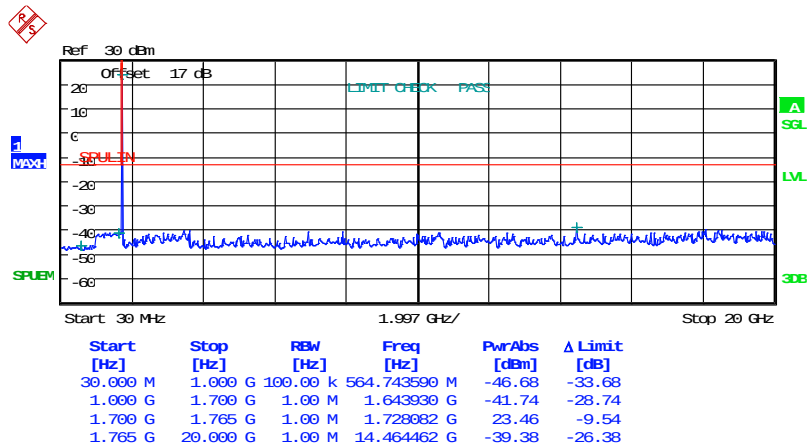
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10 MHz

QPSK



Date: 7.JUL.2026 13:25:38

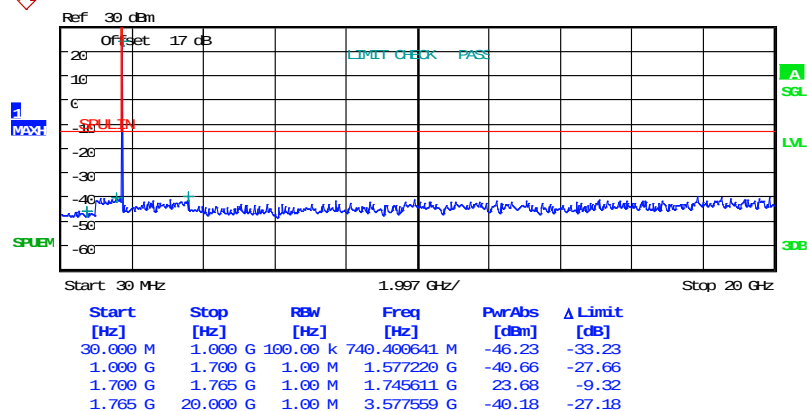


Date: 7.JUL.2026 13:25:21



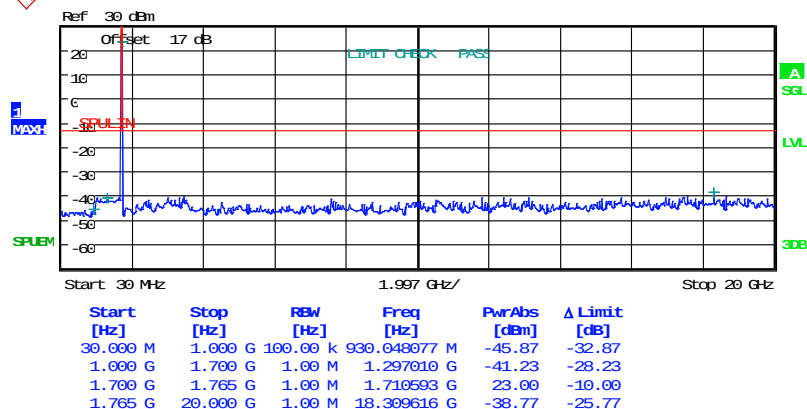
Registration number: W6M22606-25211-C-247

FCC ID: K44529701



Date: 7.JUL.2026 13:25:54

16QAM

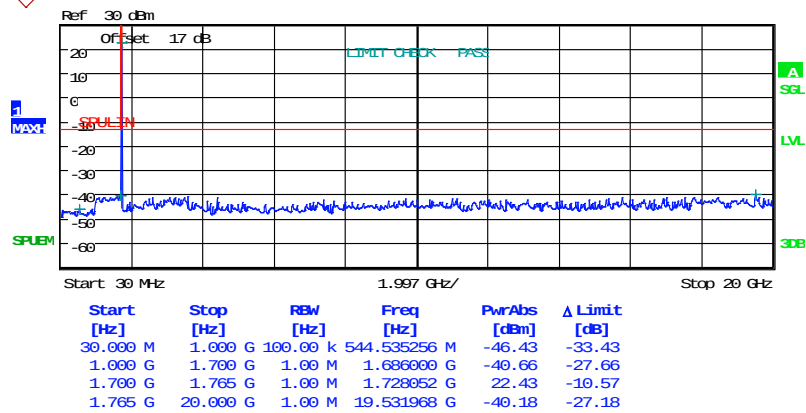


Date: 7.JUL.2026 13:26:38

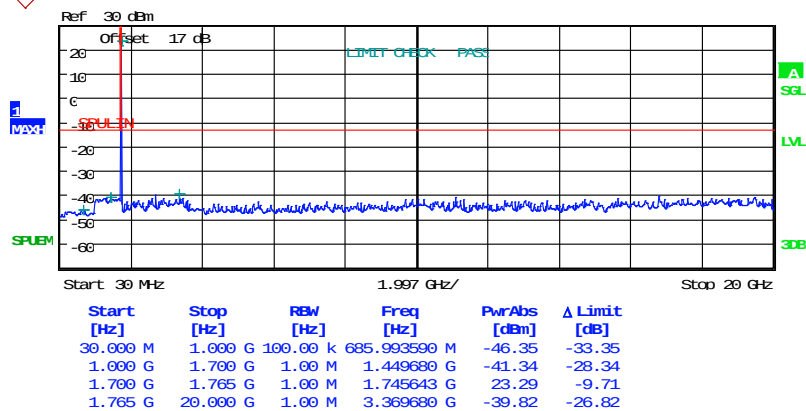


Registration number: W6M22606-25211-C-247

FCC ID: K44529701



Date: 7.JUL.2026 13:30:16



Date: 7.JUL.2026 13:26:20



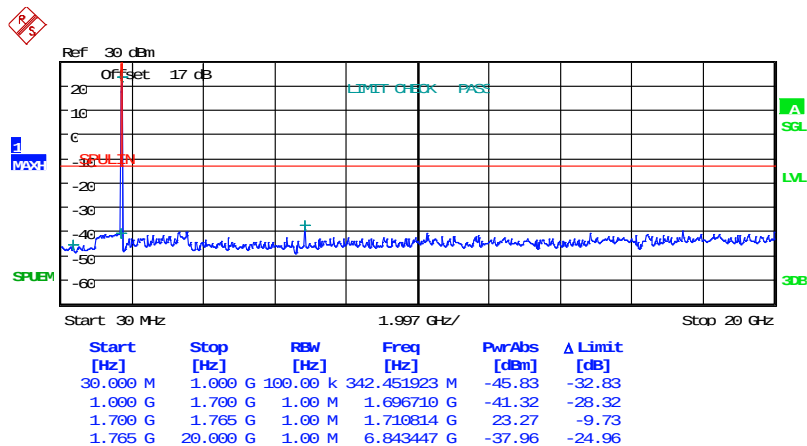
# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22606-25211-C-247

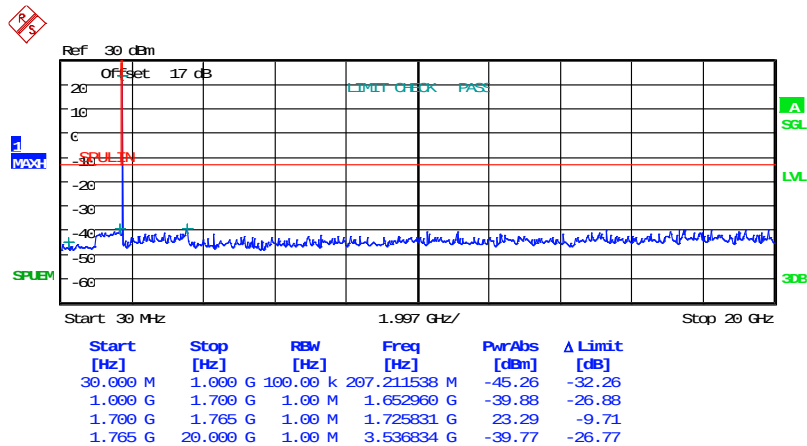
FCC ID: K44529701

15 MHz

QPSK



Date: 7.JUL.2026 13:20:57



Date: 7.JUL.2026 13:21:12