
FCC PART 90S TEST REPORT

| | |
|-----------------------|--|
| Report Number | BWTR-2015-FCCPCE |
| FCC ID | R38YLCP3669AS |
| Applicant | Yulong Computer Telecommunication (Shenzhen) Co., Ltd |
| Product Name | Smartphone |
| Marketing Name | N/A |
| Brand Name | Coolpad |
| Model Name | CP3669AS |
| Serial Number | No.1: 860084050000762 No.2: 860084050002511 |
| Test Standard | FCC 47 CFR Part 90 Subpart S |
| Tested Date | Aug. 20, 2020 – Sep. 15, 2020 |

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Revision History

| Revision | Description | Issued Date |
|----------|-------------------------|-------------|
| A | Initial issue of report | 2020/9/21 |
| | | |
| | | |

1 Summary of Test Result

| Report Section | FCC Section | Description | Result |
|----------------|--------------------------|---------------------------------------|--------|
| 3.1 | 90.635 (b) | RF Output Power | Pass |
| 3.2 | KDB 971168 D01 v03 - 5.7 | Peak to Average Power Ratio (PAPR) | Pass |
| 3.3 | 90.635 (b) | Effective Radiated Power | Pass |
| 3.4 | 90.209 (a) | Occupied Bandwidth | Pass |
| 3.5 | 90.691 | Spurious Emission at Antenna Terminal | Pass |
| 3.6 | 90.691 | Field Strength of Spurious Radiation | Pass |
| 3.7 | 90.691 | Band Edge | Pass |
| 3.8 | 90.213 | Frequency Stability | Pass |

We, Beijing Boomwave Test Service Co. Ltd., would like to declare that the tested sample has been evaluated and in compliance with the requirements of applicable standards.

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Rationale:

The test results in this report apply exclusively to the tested model / sample.
 The electrical copy of test report is invalid without the signatures. The hard copy is invalid without seal.
 The test report shall not be modified, republished or copied without the written authorization of the laboratory.

2 General Information

2.1 Applicant

Yulong Computer Telecommunication Scientific (Shenzhen) Co., Ltd
 Building B, Boton Science Park, Chaguang Road, Xili Town, Nanshan District, Shenzhen, China

2.2 Manufacturer

Yulong Computer Telecommunication Scientific (Shenzhen) Co., Ltd
 Building B, Boton Science Park, Chaguang Road, Xili Town, Nanshan District, Shenzhen, China

2.3 Product Feature of Equipment Under Test

| | |
|--------------------------------------|-----------------------------|
| Product Name | Smartphone |
| Marketing Name | N/A |
| Model Name | CP3669AS |
| Sample Status | Production |
| Operating Frequency Range | 814MHz~824MHz |
| Type of Wireless Technology | FDD LTE - Band 26 |
| Modulation Type | QPSK, 16QAM, 64QAM |
| Channel Bandwidth | 1.4MHz, 3MHz, 5MHz, 10MHz |
| Antenna Type | Internal Antenna |
| Antenna Gain | -5dBi |
| Extreme Operating Temperature | Minimum: -10°C |
| | Maximum: +55°C |
| Power Supply | Normal Voltage: 3.60V |
| | Lowest Voltage: 3.85V |
| | Highest Voltage: 4.40V |
| Hardware Version | P0 |
| Software Version | 10.0.047.P0.200914.CP3669AS |
| Sample Received Date | 2020/8/24 |

2.4 Ancillary Equipment

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following ancillary equipment were used to form a representative test configuration during the tests.

| | |
|------------------------|-------------------------------------|
| Support Unit | Li-Lon Polymer Rechargeable Battery |
| Manufacturer | Zhongshan Tianmao Battery Co. Ltd. |
| Model Name | CPLD-438 |
| Capacity | 3400mAh |
| Nominal Voltage | 3.85V |
| Serial Number | CPTT60000058807C005E |

2.5 Description of Test Modes

The EUT was linked by base station simulator to work in continuous transmitting and receiving mode. Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, bandwidth, resource block (RB) and RB offset.

Following channels were selected for test:

| Channel Bandwidth | Low Channel | | Mid Channel | | High Channel | |
|-------------------|-----------------|-------------|-----------------|-------------|-----------------|-------------|
| | Frequency (MHz) | Channel No. | Frequency (MHz) | Channel No. | Frequency (MHz) | Channel No. |
| 1.4MHz | 814.7 | 26697 | 819.0 | 26740 | 823.3 | 26783 |
| 3MHz | 815.5 | 26705 | 819.0 | 26740 | 822.5 | 26775 |
| 5MHz | 816.5 | 26715 | 819.0 | 26740 | 821.5 | 26765 |
| 10MHz | --- | | 819.0 | 26740 | --- | |

Following modes were selected as the worst case configuration for each test:

| Test Items | Channel | BW (MHz) | RB Size | RB Offset | Modulation | Antenna Orientation |
|---------------------------------------|---------|------------|---------|-----------|------------------|---------------------|
| RF Output Power | L\M\H | 1.4 | 1\3\6 | 0\5\2 | QPSK,16QAM,64QAM | N/A |
| | | 3 | 1\8\15 | 0\14\4 | | |
| | | 5 | 1\12\25 | 0\24\6 | | |
| | | 10 | 1\24\50 | 0\49\12 | | |
| Peak to Average Power Ratio | M | 1.4\3\5\10 | 1 | 0 | QPSK,16QAM,64QAM | N/A |
| Effective Radiated Power | L\M\H | 1.4\3\5\10 | 1 | 0 | QPSK,16QAM,64QAM | X axis |
| Occupied Bandwidth | L\M\H | 1.4 | 6 | 0 | QPSK,16QAM,64QAM | N/A |
| | | 3 | 15 | | | |
| | | 5 | 25 | | | |
| | | 10 | 50 | | | |
| Spurious Emission at Antenna Terminal | M | 10 | 1 | 0 | QPSK | N/A |
| Field Strength of Spurious Radiation | M | 10 | 1 | 0 | QPSK | X axis |
| Band Edge | L\H | 1.4 | 1\6 | 0\5 | QPSK | N/A |
| | | 3 | 1\15 | 0\14 | | |
| | | 5 | 1\25 | 0\24 | | |
| | | 10 | 1\50 | 0\49 | | |
| Frequency Stability | L\H | 1.4\3\5\10 | 1 | 0 | QPSK | N/A |

2.6 Applicable Standards

| Standard | Version | Title |
|------------------------------|---------|--|
| FCC 47 CFR Part 90 Subpart S | 2019 | Regulations Governing Licensing and Use of Frequencies in the 806-824, 851-869, 896-901, and 935-940 MHz Bands |
| ANSI C63.26 | 2015 | American National Standard for Compliance Testing of Transmitters Used in Licensed Radio Services |

2.7 Test Facilities

Company Name: Beijing Boomwave Test Service Co. Ltd

Address: EMC Building, No.1 Wang Jing East Road, Chao Yang District Beijing, P.R. China 100102

FCC Test Firm Registration Number: 613197

ISED Canada Registration No.: 24289 (CAB Identifier: CN0010)

VCCI Registration No.: R-20062, G-20063, C-20050, T-20049

| Test Site | Description | Dimension | Ground Plane Size |
|--|-----------------------------|-------------------|-------------------|
| <input type="checkbox"/> SAC10 | 10m semi-anechoic chamber | 19.5m×12.9m×8.6m | 4m×4m |
| <input checked="" type="checkbox"/> SAC3 | 3m semi-anechoic chamber | 9.6m×6.4m×6.0m | 9.6m×6.4m |
| <input type="checkbox"/> SR#1 | Shielding Room for EMS test | 8.1m×4.05m×2.755m | 8.1m×4.05m |
| <input checked="" type="checkbox"/> SR#2 | Shielding Room for RF test | 8.1m×4.05m×2.755m | --- |

3 Test Result

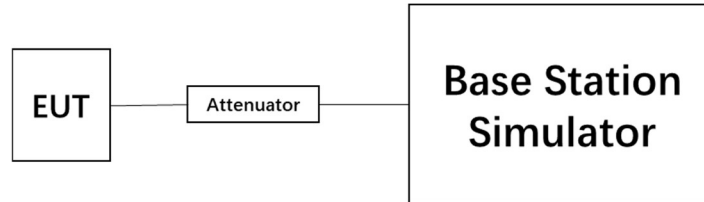
3.1 RF Output Power

3.1.1. Limit

FCC 47 CFR Part 90 Subpart S - §90.635(b)

The maximum output power of the transmitter for mobile station is 100 watts (20dBw).

3.1.2. Test Setup



3.1.3. Test Procedures

- 1) The measurement procedure follows ANSI C63.26-2015, clause 5.2.
- 2) The RF output of EUT and BS simulator are connected via a sufficient attenuation.
- 3) EUT is configured to transmit the maximum output power while the measurement is performed.

3.1.4. Test Result

| | | | |
|----------------------|-----------|-----------------------------|------------|
| Test Engineer | Xu Dongxu | Test Date | 2020.08.26 |
| Temperature | 25.1°C | Relative Humidity | 50.9% |
| Pressure | 103.1kPa | Test Sample Selected | No.1 |

| Modulation Type | Frequency (MHz) | BW (MHz) | RB Size | RB Offset | Output Power (dBm) |
|-----------------|-----------------|----------|---------|-----------|--------------------|
| QPSK | 814.7 | 1.4 | 1 | 0 | 22.89 |
| | | | 1 | 5 | 22.94 |
| | | | 3 | 2 | 21.98 |
| | | | 6 | 0 | 21.87 |
| | 819.0 | | 1 | 0 | 22.98 |
| | | | 1 | 5 | 22.90 |
| | | | 3 | 2 | 21.90 |
| | | | 6 | 0 | 21.92 |
| | 823.3 | | 1 | 0 | 22.95 |
| | | | 1 | 5 | 22.93 |
| | | | 3 | 2 | 22.02 |
| | | | 6 | 0 | 21.97 |
| 16QAM | 814.7 | 1.4 | 1 | 0 | 22.42 |
| | | | 1 | 5 | 22.48 |
| | | | 3 | 2 | 20.97 |
| | | | 6 | 0 | 20.92 |
| | 819.0 | | 1 | 0 | 22.55 |
| | | | 1 | 5 | 22.39 |
| | | | 3 | 2 | 20.89 |
| | | | 6 | 0 | 20.95 |
| | 823.3 | | 1 | 0 | 22.44 |
| | | | 1 | 5 | 22.37 |
| | | | 3 | 2 | 21.02 |
| | | | 6 | 0 | 20.96 |

| Modulation Type | Frequency (MHz) | BW (MHz) | RB Size | RB Offset | Output Power (dBm) |
|-----------------|-----------------|----------|---------|-----------|--------------------|
| 64QAM | 814.7 | 1.4 | 1 | 0 | 22.55 |
| | | | 1 | 5 | 22.41 |
| | | | 3 | 2 | 20.95 |
| | | | 6 | 0 | 20.98 |
| | 819.0 | | 1 | 0 | 22.53 |
| | | | 1 | 5 | 22.51 |
| | | | 3 | 2 | 20.96 |
| | | | 6 | 0 | 21.01 |
| | 823.3 | | 1 | 0 | 22.40 |
| | | | 1 | 5 | 22.39 |
| | | | 3 | 2 | 20.99 |
| | | | 6 | 0 | 21.03 |

| Modulation Type | Frequency (MHz) | BW (MHz) | RB Size | RB Offset | Output Power (dBm) |
|-----------------|-----------------|----------|---------|-----------|--------------------|
| QPSK | 815.5 | 3 | 1 | 0 | 22.89 |
| | | | 1 | 14 | 22.98 |
| | | | 8 | 4 | 21.96 |
| | | | 15 | 0 | 21.93 |
| | 819.0 | | 1 | 0 | 22.98 |
| | | | 1 | 14 | 22.92 |
| | | | 8 | 4 | 21.90 |
| | | | 15 | 0 | 21.96 |
| | 822.5 | | 1 | 0 | 22.99 |
| | | | 1 | 14 | 23.02 |
| | | | 8 | 4 | 21.97 |
| | | | 15 | 0 | 21.91 |
| 16QAM | 815.5 | 3 | 1 | 0 | 22.43 |
| | | | 1 | 14 | 22.52 |
| | | | 8 | 4 | 21.05 |
| | | | 15 | 0 | 21.02 |
| | 819.0 | | 1 | 0 | 22.50 |
| | | | 1 | 14 | 22.46 |
| | | | 8 | 4 | 20.91 |
| | | | 15 | 0 | 20.93 |
| | 822.5 | | 1 | 0 | 22.53 |
| | | | 1 | 14 | 22.37 |
| | | | 8 | 4 | 21.03 |
| | | | 15 | 0 | 20.89 |
| 64QAM | 815.5 | 3 | 1 | 0 | 22.54 |
| | | | 1 | 14 | 22.40 |
| | | | 8 | 4 | 20.92 |
| | | | 15 | 0 | 20.98 |
| | 819.0 | | 1 | 0 | 22.48 |
| | | | 1 | 14 | 22.44 |
| | | | 8 | 4 | 20.94 |
| | | | 15 | 0 | 21.06 |
| | 822.5 | | 1 | 0 | 22.46 |
| | | | 1 | 14 | 22.42 |
| | | | 8 | 4 | 20.95 |
| | | | 15 | 0 | 21.00 |

| Modulation Type | Frequency (MHz) | BW (MHz) | RB Size | RB Offset | Output Power (dBm) |
|-----------------|-----------------|----------|---------|-----------|--------------------|
| QPSK | 816.5 | 5 | 1 | 0 | 23.02 |
| | | | 1 | 24 | 23.01 |
| | | | 12 | 6 | 22.01 |
| | | | 25 | 0 | 22.02 |
| | 819.0 | | 1 | 0 | 23.08 |
| | | | 1 | 24 | 23.04 |
| | | | 12 | 6 | 22.03 |
| | | | 25 | 0 | 22.04 |
| | 821.5 | | 1 | 0 | 23.08 |
| | | | 1 | 24 | 23.07 |
| | | | 12 | 6 | 22.04 |
| | | | 25 | 0 | 22.01 |
| 16QAM | 816.5 | 5 | 1 | 0 | 22.56 |
| | | | 1 | 24 | 22.54 |
| | | | 12 | 6 | 21.05 |
| | | | 25 | 0 | 21.07 |
| | 819.0 | | 1 | 0 | 22.57 |
| | | | 1 | 24 | 22.54 |
| | | | 12 | 6 | 21.04 |
| | | | 25 | 0 | 21.08 |
| | 821.5 | | 1 | 0 | 22.58 |
| | | | 1 | 24 | 22.47 |
| | | | 12 | 6 | 21.04 |
| | | | 25 | 0 | 21.03 |
| 64QAM | 816.5 | 5 | 1 | 0 | 22.56 |
| | | | 1 | 24 | 22.54 |
| | | | 12 | 6 | 21.04 |
| | | | 25 | 0 | 21.03 |
| | 819.0 | | 1 | 0 | 22.54 |
| | | | 1 | 24 | 22.52 |
| | | | 12 | 6 | 21.04 |
| | | | 25 | 0 | 21.08 |
| | 821.5 | | 1 | 0 | 22.54 |
| | | | 1 | 24 | 22.52 |
| | | | 12 | 6 | 21.08 |
| | | | 25 | 0 | 21.07 |

| Modulation Type | Frequency (MHz) | BW (MHz) | RB Size | RB Offset | Output Power (dBm) |
|-----------------|-----------------|----------|---------|-----------|--------------------|
| QPSK | 819.0 | 10 | 1 | 0 | 23.08 |
| | | | 1 | 49 | 23.04 |
| | | | 24 | 12 | 22.03 |
| | | | 50 | 0 | 22.04 |
| 16QAM | 819.0 | 10 | 1 | 0 | 22.57 |
| | | | 1 | 49 | 22.54 |
| | | | 24 | 12 | 21.04 |
| | | | 50 | 0 | 21.08 |
| 64QAM | 819.0 | 10 | 1 | 0 | 22.54 |
| | | | 1 | 49 | 22.52 |
| | | | 24 | 12 | 21.04 |
| | | | 50 | 0 | 21.08 |

3.1.5. Uncertainty

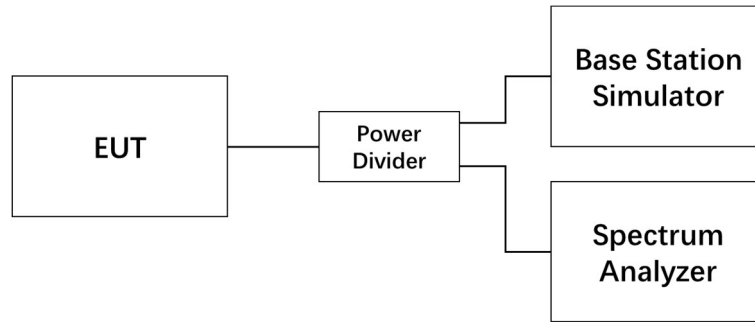
$$U_{lab}=1.48\text{dB} (k=2)$$

3.2 Peak to Average Power Ratio (PAPR)

3.2.1. Limit

In measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13dB.

3.2.2. Test Setup



3.2.3. Test Procedures

- 1) The measurement procedure follows ANSI C63.26-2015, clause 5.2.6.
- 2) The RF output of the EUT, BS simulator and spectrum analyzer are connected via a power divider.
- 3) Measure the total peak power and record as P_{pk} .
- 4) Measure the total average power and record as P_{Avg} .
- 5) Calculate the PAPR from: $PAPR (dB) = P_{pk} (dBm) - P_{Avg} (dBm)$.

3.2.4. Test Result

| | | | |
|---------------|-----------|----------------------|------------|
| Test Engineer | Xu Dongxu | Test Date | 2020.08.27 |
| Temperature | 24.2°C | Relative Humidity | 51.2% |
| Pressure | 103.2kPa | Test Sample Selected | No.1 |

| Frequency (MHz) | Channel No. | BW (MHz) | RB Size | RB Offset | QPSK | 16-QAM | 64-QAM |
|-----------------|-------------|----------|---------|-----------|--------|--------|--------|
| 819.0 | 26740 | 1.4 | 1 | 0 | Fig.1 | Fig.2 | Fig.3 |
| | | 3 | 1 | 0 | Fig.4 | Fig.5 | Fig.6 |
| | | 5 | 1 | 0 | Fig.7 | Fig.8 | Fig.9 |
| | | 10 | 1 | 0 | Fig.10 | Fig.11 | Fig.12 |

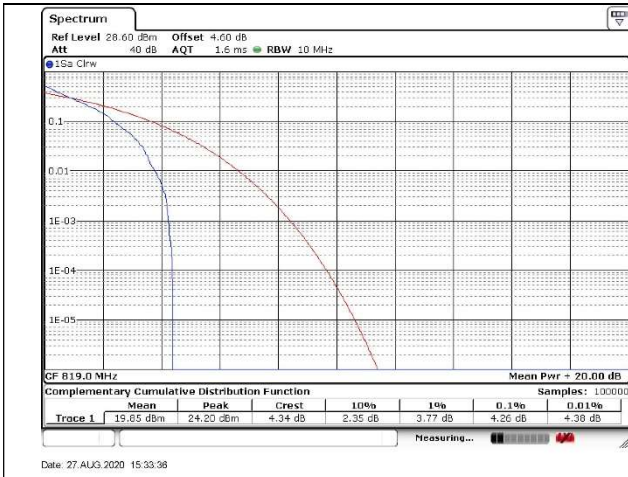


Fig.1



Fig.2

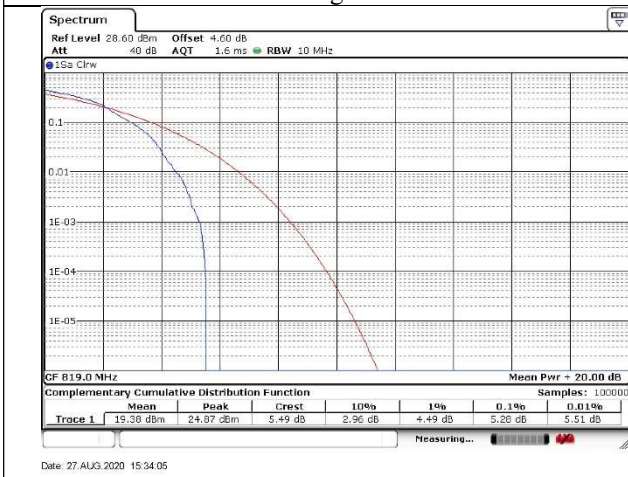


Fig.3



Fig.4

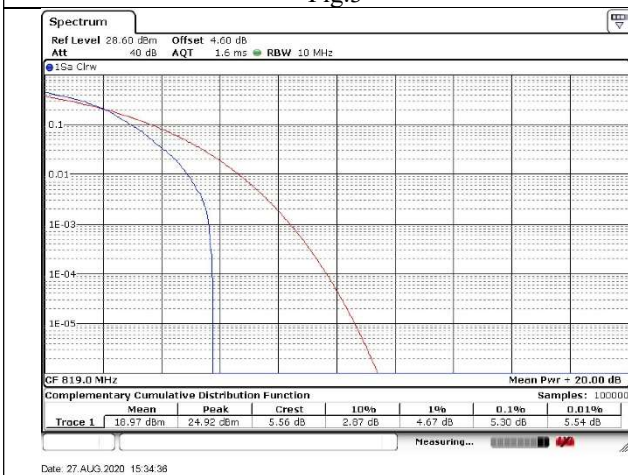


Fig.5

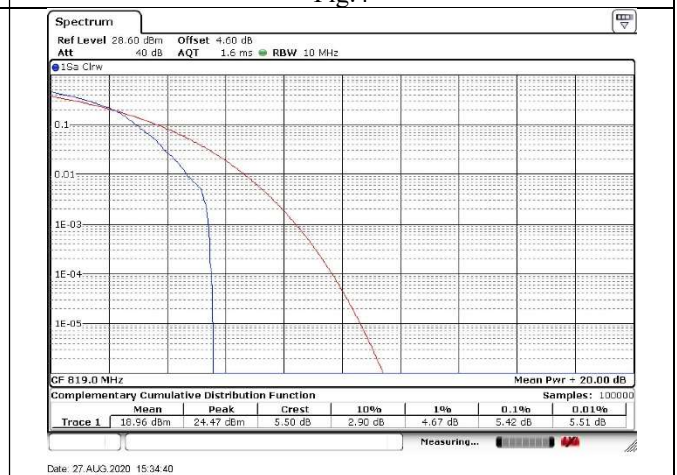


Fig.6

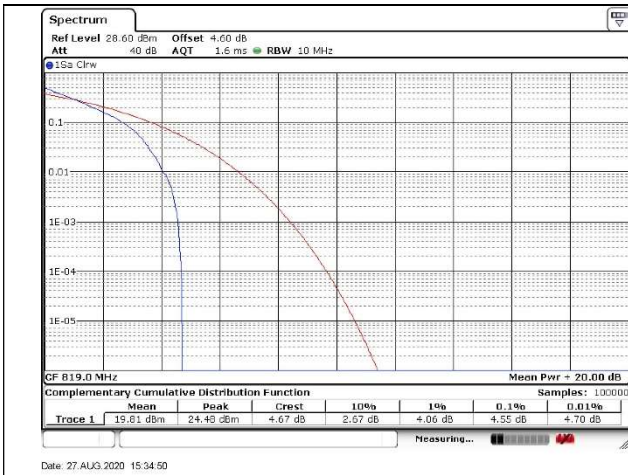


Fig.7

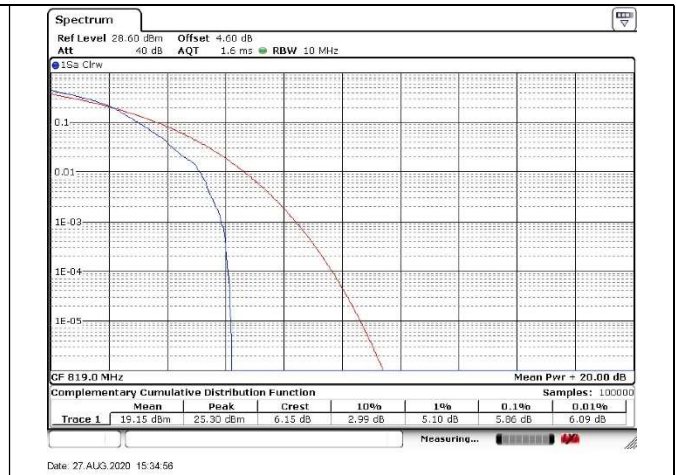


Fig.8

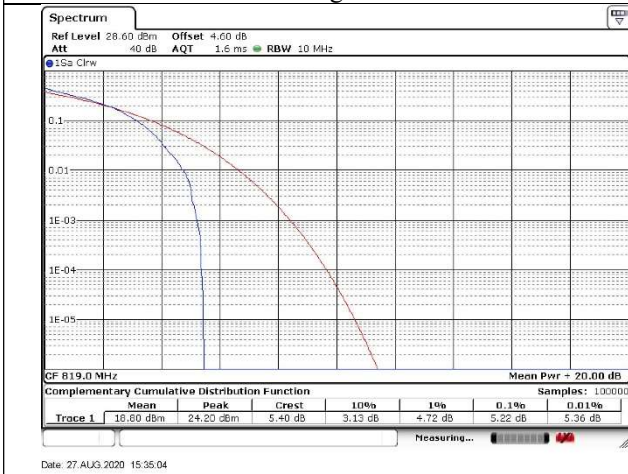


Fig.9

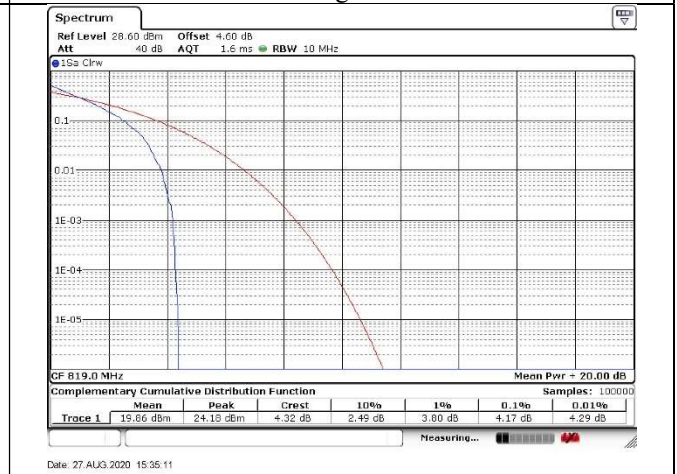


Fig.10

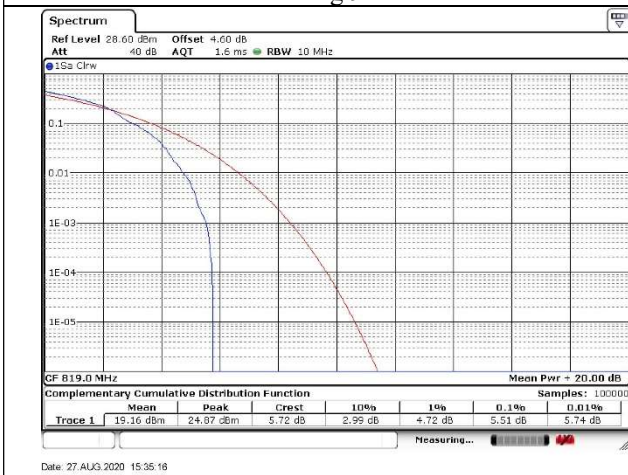


Fig.11

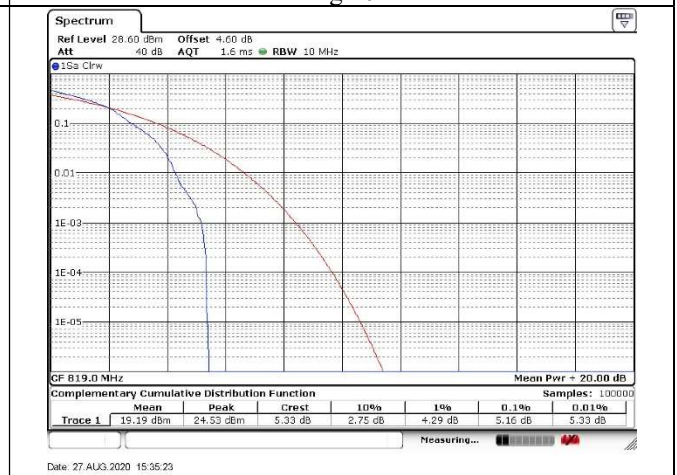


Fig.12

3.2.5. Uncertainty

$$U_{lab}=1.48\text{dB} (k=2)$$

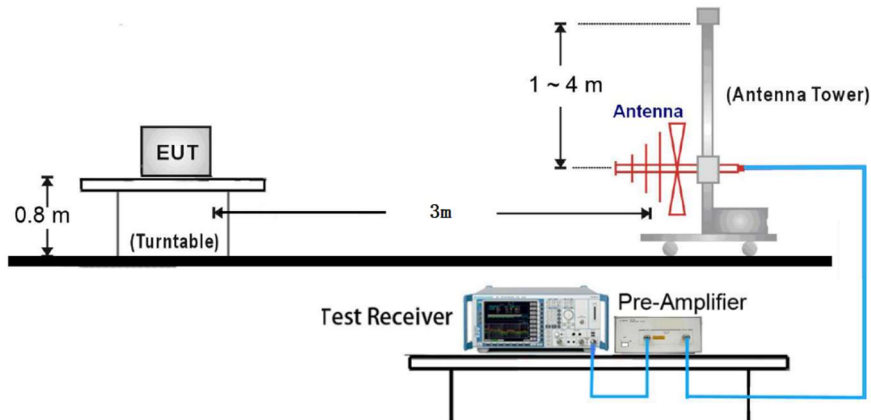
3.3 Effective Radiated Power

3.3.1. Limit

FCC 47 CFR Part 90 Subpart S - §90.635 (b)

The maximum output power of the transmitter for mobile station is 100 watts (20dBw).

3.3.2. Test Setup



3.3.3. Test Procedures

- 1) The measurement procedure follows ANSI C63.26-2015, clause 5.2.7.
- 2) Connect the equipment as illustrated. Mount the equipment with the manufacturer specified antenna in a vertical orientation on a manufacturer specified mounting surface located on a non-conducting rotating platform of a RF anechoic chamber (preferred) or a standard radiation site.
- 3) Key the transmitter, then rotate the EUT 360° azimuthally and record spectrum analyzer power level (LVL) measurements at angular increments that are sufficiently small to permit resolution of all peaks. If a standard radiation test site is used, raise and lower the test antenna to obtain a maximum reading at each angular increment. (Note: several batteries may be needed to offset the effect of battery voltage droop, which should not exceed 5% of the manufactured specified battery voltage during transmission).
- 4) Replace the transmitter under test with a vertically polarized half-wave dipole (or an antenna whose gain is known relative to an ideal half-wave dipole). The center of the antenna should be at the same location as the center of the antenna under test.
- 5) Connect the antenna to a signal generator with a known output power and record the path loss (in dB) as LOSS. If a standard radiation test site is used, raise and lower the test antenna to obtain a maximum reading. $LOSS = \text{Generator Output Power (dBm)} - \text{Analyzer reading (dBm)}$.
- 6) Determine the effective radiated output power at each angular position from the readings in steps 2) and 4) using the following equation: $ERP \text{ (dBm)} = LVL \text{ (dBm)} + LOSS \text{ (dB)}$
- 7) The maximum ERP is the maximum value determined in the preceding step.
- 8) When calculating ERP, in addition to knowing the antenna radiation and matching characteristics, it is necessary to know the loss values of all elements (e.g. transmission line attenuation, mismatches, filters, combiners) interposed between the point where transmitter output power is measured, and the point where power is applied to the antenna. ERP can then be calculated as follows:

$$EIRP \text{ (dBm)} = \text{Output Power (dBm)} - \text{Losses (dB)} + \text{Antenna Gain (dBi)}$$

where: dB refers to gain relative to an ideal dipole.

$$EIRP \text{ (dBm)} = ERP \text{ (dBm)} + 2.15 \text{ (dB)}$$

The RB allocation refers the configuration of maximum output power.

3.3.4. Test Result

| | | | |
|---------------|-----------|----------------------|-----------|
| Test Engineer | Gao Yanan | Test Date | 2020.8.28 |
| Temperature | 24.1°C | Relative Humidity | 50.6% |
| Pressure | 102.7kPa | Test Sample Selected | No.2 |

| Modulation | BW (MHz) | Frequency (MHz) | RB/RB offset | EIRP/ERP (dBm) | EIRP/ERP (W) |
|------------|----------|-----------------|--------------|----------------|--------------|
| QPSK | 1.4 | 814.7 | 1#0 | 18.17 | 0.07 |
| QPSK | 1.4 | 819.0 | 1#0 | 18.09 | 0.06 |
| QPSK | 1.4 | 823.3 | 1#0 | 18.55 | 0.07 |
| 16QAM | 1.4 | 814.7 | 1#0 | 17.41 | 0.06 |
| 16QAM | 1.4 | 819.0 | 1#0 | 17.50 | 0.06 |
| 16QAM | 1.4 | 823.3 | 1#0 | 17.93 | 0.06 |
| 64QAM | 1.4 | 814.7 | 1#0 | 17.20 | 0.05 |
| 64QAM | 1.4 | 819.0 | 1#0 | 18.19 | 0.07 |
| 64QAM | 1.4 | 823.3 | 1#0 | 17.46 | 0.06 |
| QPSK | 3 | 815.5 | 1#0 | 18.39 | 0.07 |
| QPSK | 3 | 819.0 | 1#0 | 18.26 | 0.07 |
| QPSK | 3 | 822.5 | 1#0 | 17.56 | 0.06 |
| 16QAM | 3 | 815.5 | 1#0 | 17.41 | 0.06 |
| 16QAM | 3 | 819.0 | 1#0 | 17.54 | 0.06 |
| 16QAM | 3 | 822.5 | 1#0 | 17.85 | 0.06 |
| 64QAM | 3 | 815.5 | 1#0 | 17.14 | 0.05 |
| 64QAM | 3 | 819.0 | 1#0 | 17.78 | 0.06 |
| 64QAM | 3 | 822.5 | 1#0 | 17.28 | 0.05 |
| QPSK | 5 | 816.5 | 1#0 | 17.49 | 0.06 |
| QPSK | 5 | 819.0 | 1#0 | 18.24 | 0.07 |
| QPSK | 5 | 821.5 | 1#0 | 18.28 | 0.07 |
| 16QAM | 5 | 816.5 | 1#0 | 17.78 | 0.06 |
| 16QAM | 5 | 819.0 | 1#0 | 17.53 | 0.06 |
| 16QAM | 5 | 821.5 | 1#0 | 17.54 | 0.06 |
| 64QAM | 5 | 816.5 | 1#0 | 17.32 | 0.05 |
| 64QAM | 5 | 819.0 | 1#0 | 17.87 | 0.06 |
| 64QAM | 5 | 821.5 | 1#0 | 17.32 | 0.05 |
| QPSK | 10 | 819.0 | 1#0 | 17.80 | 0.06 |
| 16QAM | 10 | 819.0 | 1#0 | 17.38 | 0.05 |
| 64QAM | 10 | 819.0 | 1#0 | 17.65 | 0.06 |

3.3.5. Uncertainty

$$U_{lab}=3.24\text{dB} (k=2)$$

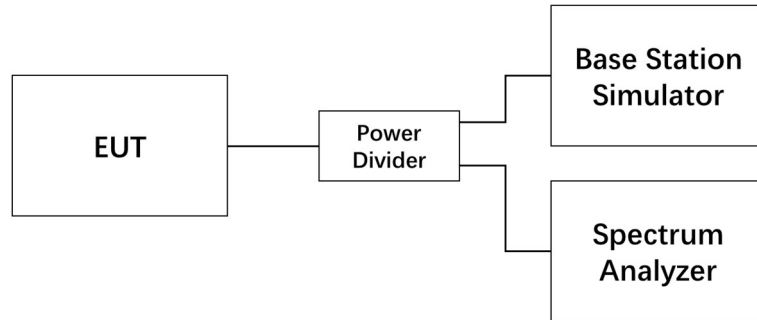
3.4 Occupied Bandwidth

3.4.1. Limit

FCC 47 CFR Part 90 Subpart S - §90.209 (a)

Each authorization issued to a station licensed under this part will show an emission designator representing the class of emission authorized. The designator will be prefixed by a specified necessary bandwidth. This number does not necessarily indicate the bandwidth occupied by the emission at any instant. In those cases where §2.202 of this chapter does not provide a formula for the computation of necessary bandwidth, the occupied bandwidth, as defined in part 2 of this chapter, may be used in lieu of the necessary bandwidth.

3.4.2. Test Setup



3.4.3. Test Procedures

- 1) The measurement procedure follows ANSI C63.26-2015, clause 5.2.7
- 2) The RF output of the EUT, BS simulator and spectrum analyzer are connected via a power divider.
- 3) The nominal RBW of spectrum analyzer shall be in the range of 1% to 5% of the anticipated OBW, and the VBW shall be set $\geq 3 \times$ RBW.
- 4) Record the measured results of 26dB and 99% bandwidth.

3.4.4. Test Result

| | | | |
|----------------------|-----------|-----------------------------|------------|
| Test Engineer | Xu Dongxu | Test Date | 2020.08.27 |
| Temperature | 24.2°C | Relative Humidity | 51.2% |
| Pressure | 103.2kPa | Test Sample Selected | No.1 |

| Frequency (MHz) | Channel No. | BW (MHz) | RB Size | RB Offset | Bandwidth of 99% Power (MHz) | | | | | |
|-----------------|-------------|----------|---------|-----------|------------------------------|--------|--------|--------|--------|--------|
| | | | | | QPSK | | 16-QAM | | 64-QAM | |
| 814.7 | 26697 | 1.4 | 6 | 0 | 1.086 | Fig.1 | 1.082 | Fig.2 | 1.086 | Fig.3 |
| 819.0 | 26740 | | 6 | 0 | 1.086 | Fig.4 | 1.082 | Fig.5 | 1.086 | Fig.6 |
| 823.3 | 26783 | | 6 | 0 | 1.082 | Fig.7 | 1.082 | Fig.8 | 1.082 | Fig.9 |
| 815.5 | 26705 | 3 | 15 | 0 | 2.674 | Fig.10 | 2.674 | Fig.11 | 2.674 | Fig.12 |
| 819.0 | 26740 | | 15 | 0 | 2.674 | Fig.13 | 2.674 | Fig.14 | 2.674 | Fig.15 |
| 822.5 | 26775 | | 15 | 0 | 2.674 | Fig.16 | 2.674 | Fig.17 | 2.674 | Fig.18 |
| 816.5 | 26715 | 5 | 25 | 0 | 4.457 | Fig.19 | 4.472 | Fig.20 | 4.457 | Fig.21 |
| 819.0 | 26740 | | 25 | 0 | 4.457 | Fig.22 | 4.472 | Fig.23 | 4.472 | Fig.24 |
| 821.5 | 26765 | | 25 | 0 | 4.472 | Fig.25 | 4.472 | Fig.26 | 4.472 | Fig.27 |
| 819.0 | 26740 | 10 | 50 | 0 | 8.915 | Fig.28 | 8.915 | Fig.29 | 8.944 | Fig.30 |

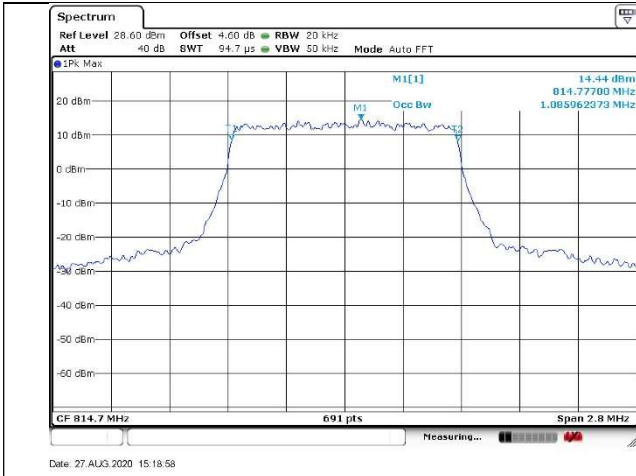


Fig.1

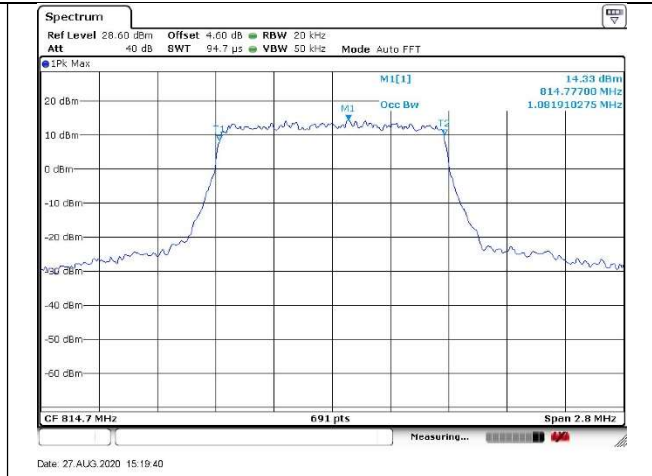


Fig.2

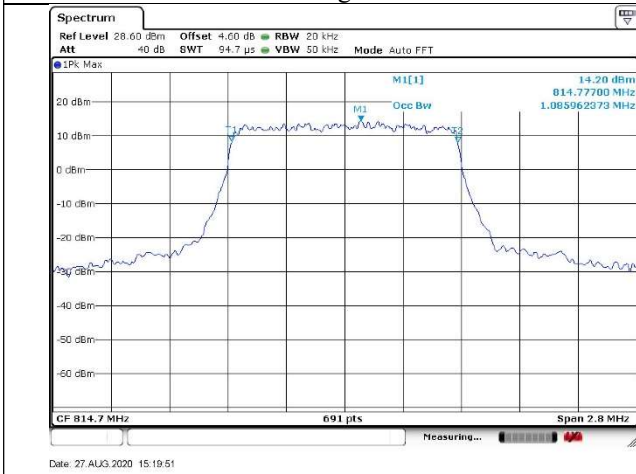


Fig.3

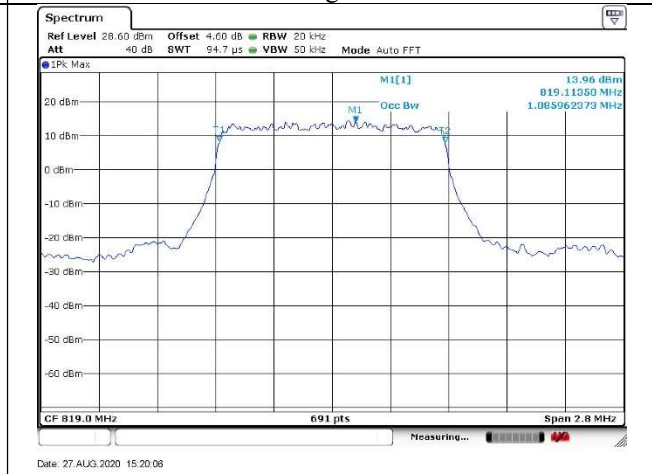


Fig.4

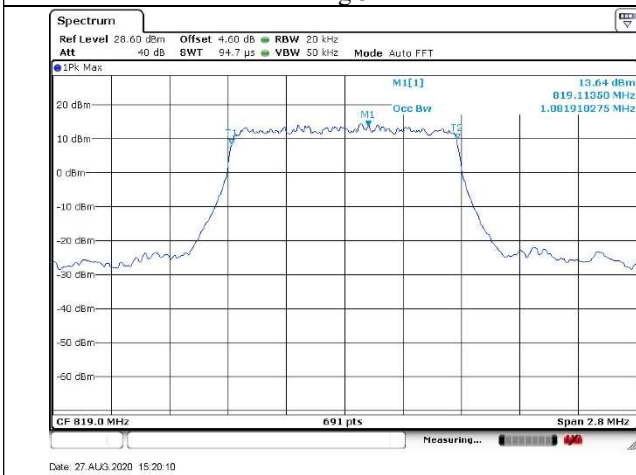


Fig.5

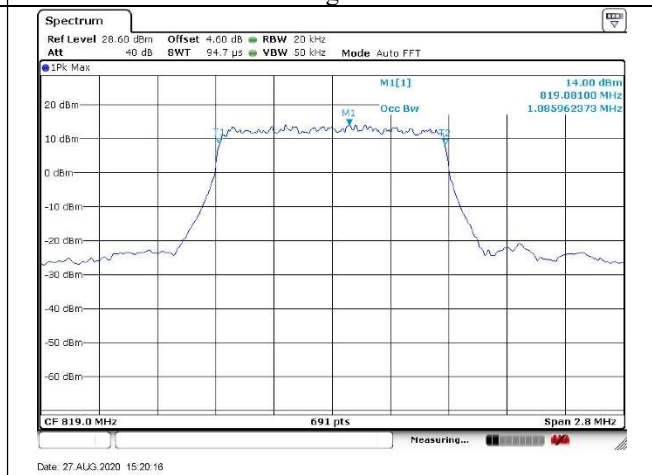


Fig.6

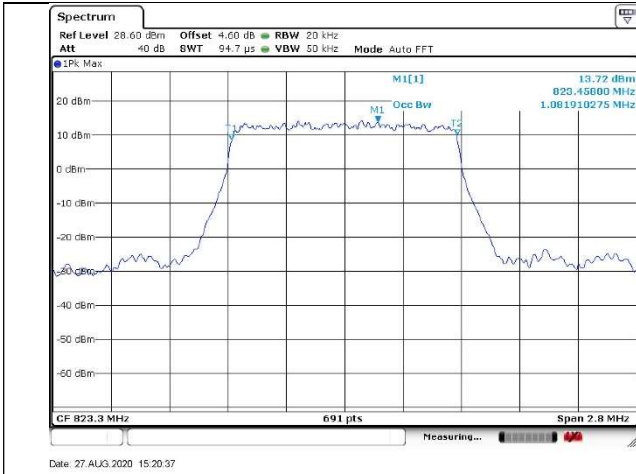


Fig.7

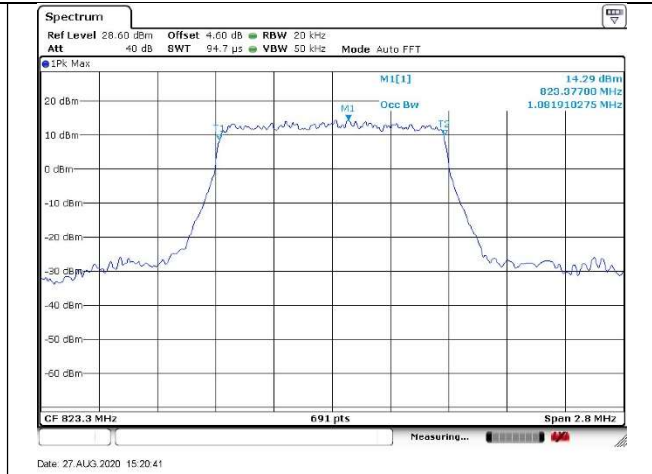


Fig.8

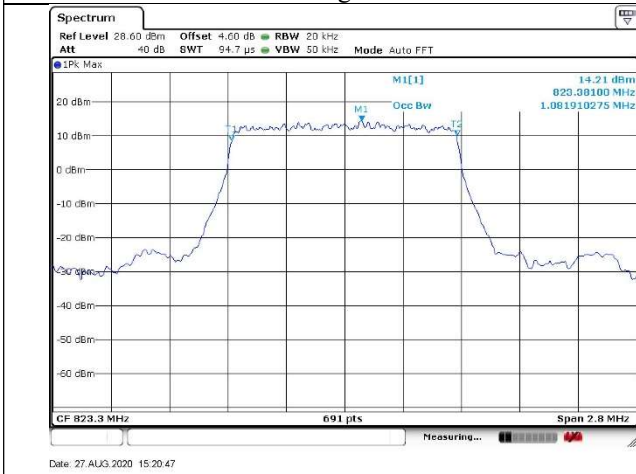


Fig.9

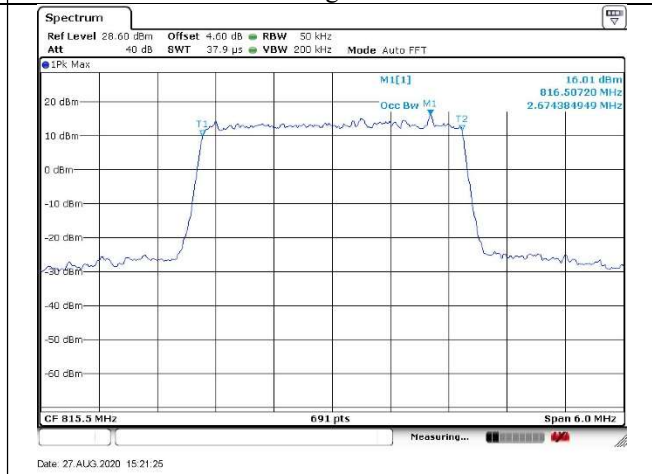


Fig.10

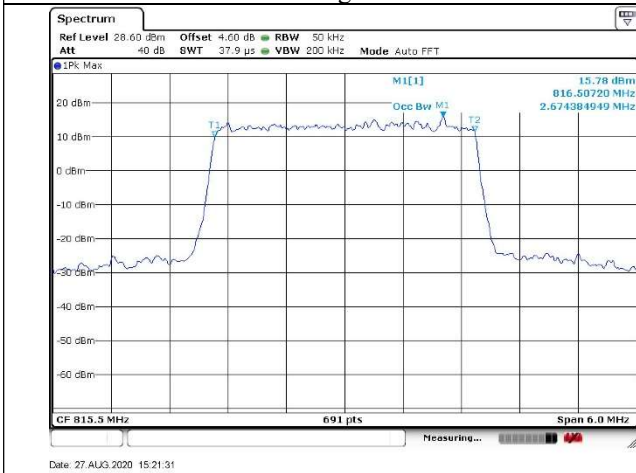


Fig.11

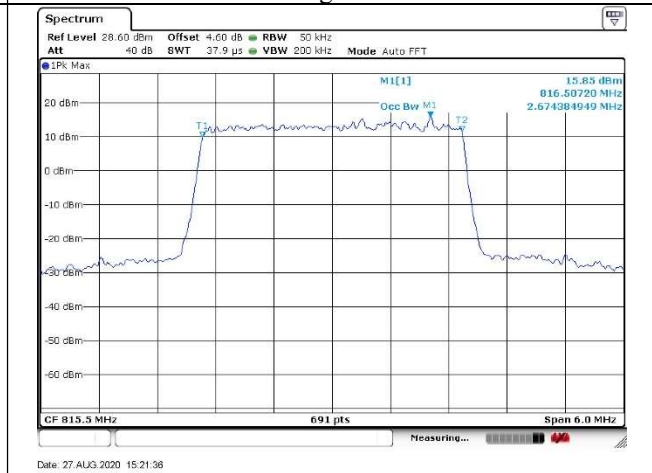


Fig.12

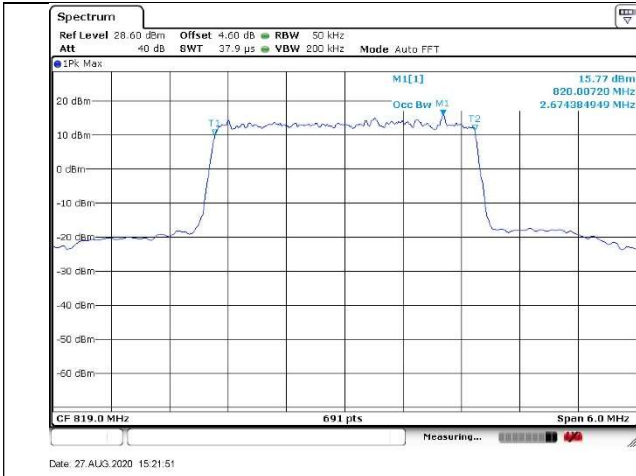


Fig.13

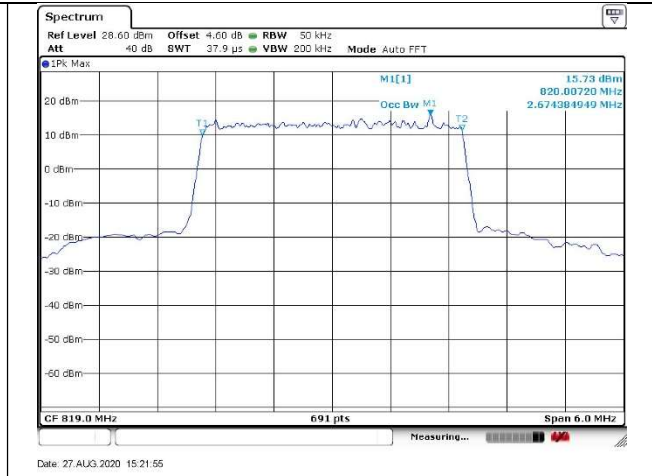


Fig.14

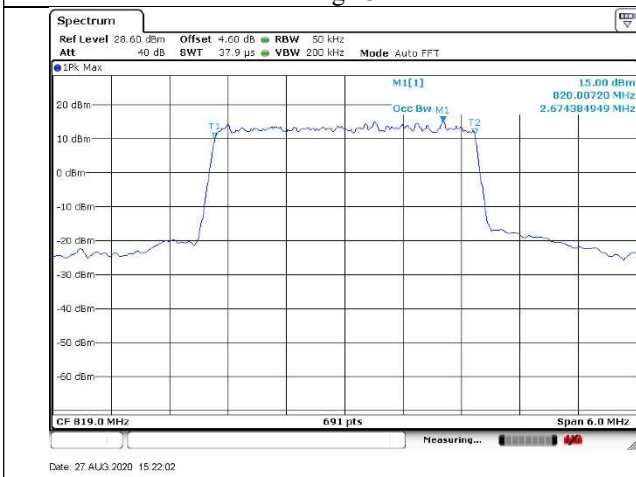


Fig.15

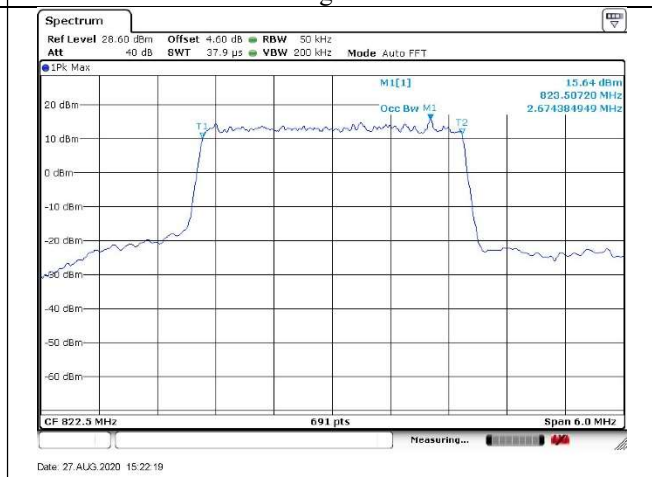


Fig.16

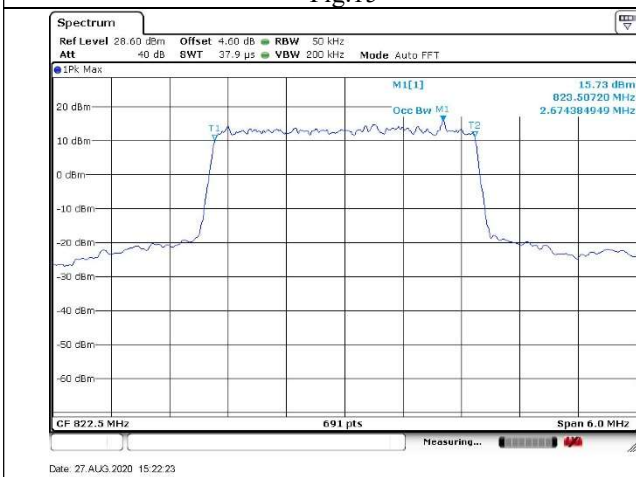


Fig.17

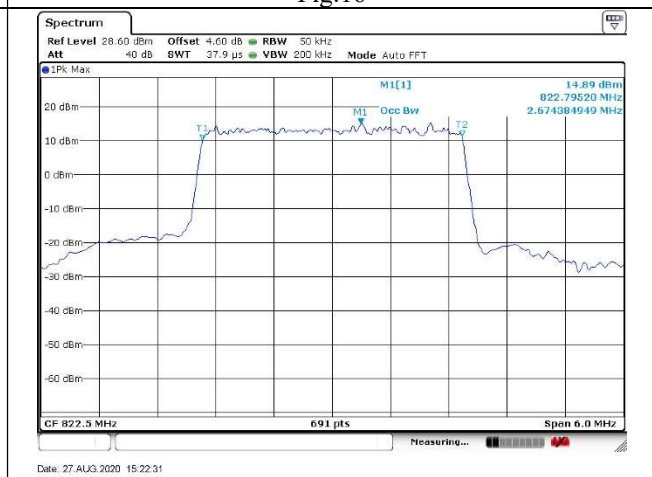


Fig.18

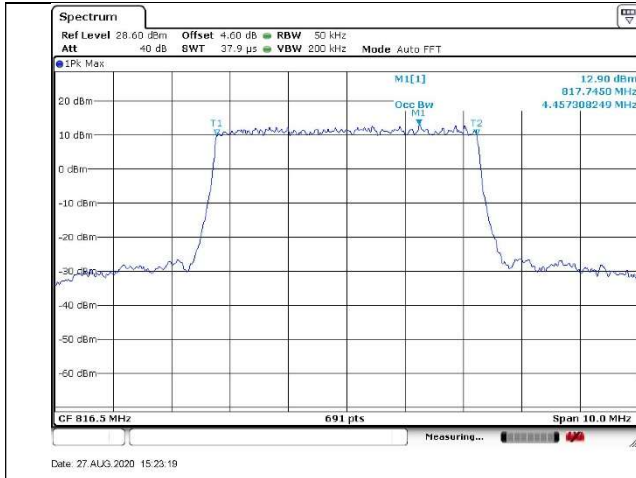


Fig.19

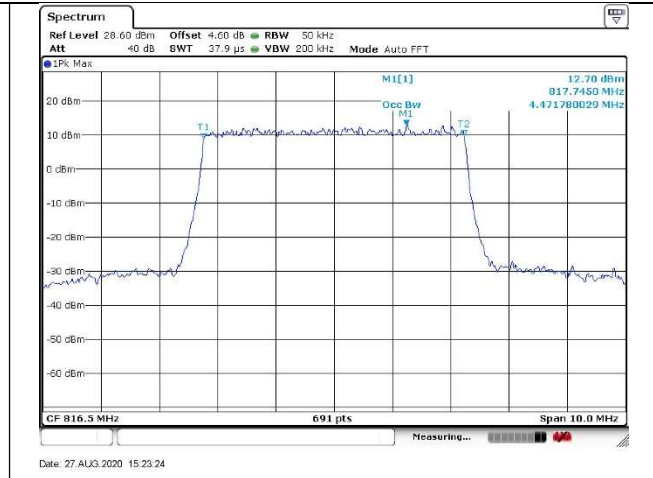


Fig.20

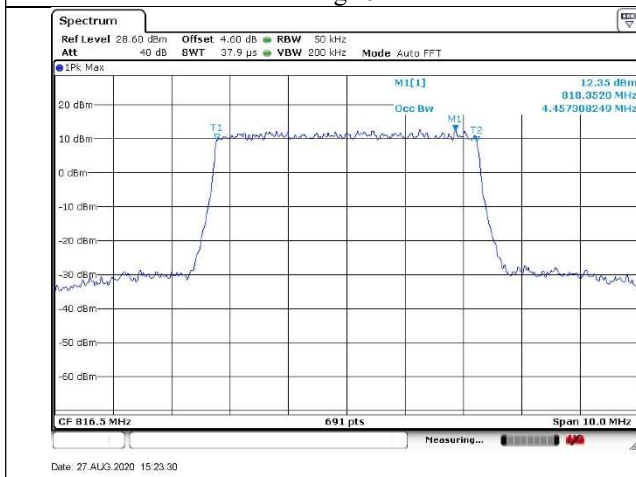


Fig.21

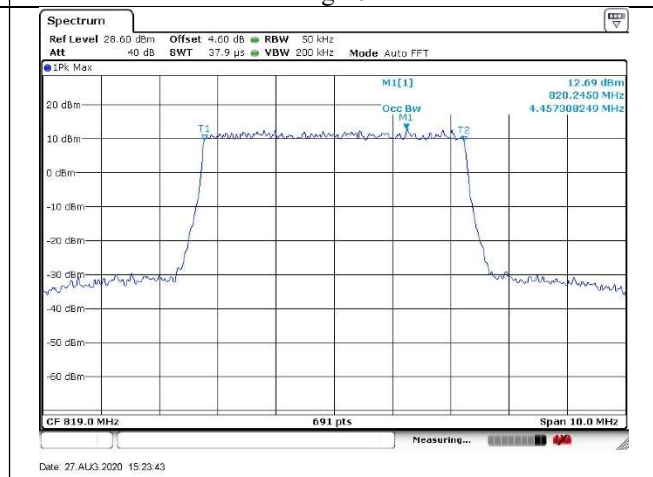


Fig.22

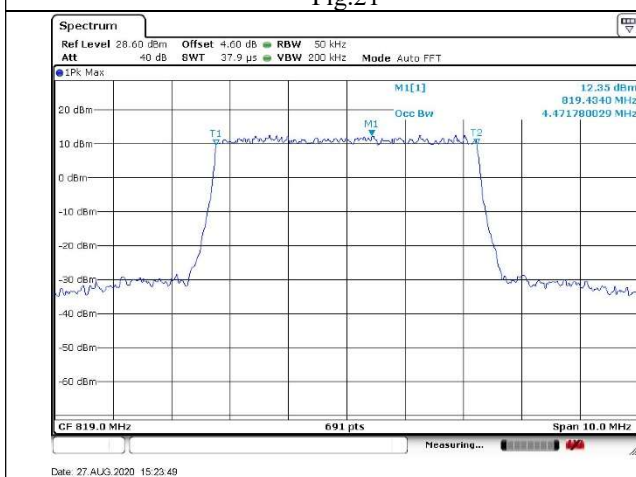


Fig.23

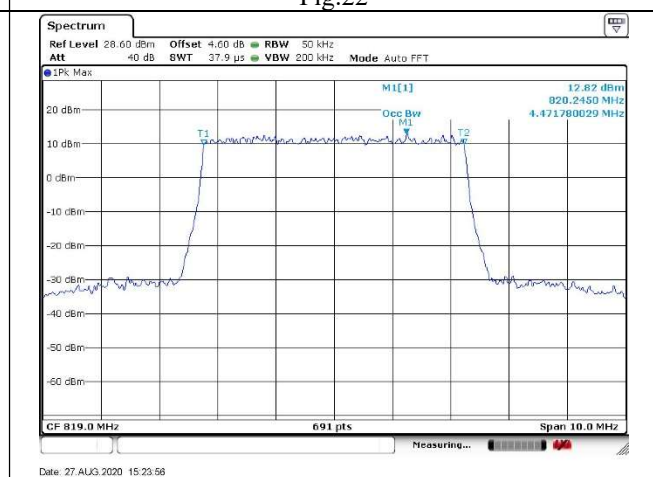


Fig.24

