



Test Report No.: W7L-240618W002RF10



# FCC TEST REPORT (PART 90)

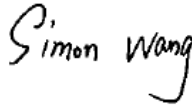

|            |   |
|------------|---|
| Applicant: | Xiaomi Communications Co., Ltd.   |
| Address:   | #019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085 |

|                          |   |
|--------------------------|---|
| Manufacturer or Supplier | Xiaomi Communications Co., Ltd.   |
| Address                  | #019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085 |
| Product                  | Mobile Phone  |
| Brand Name               | POCO  |
| Model Name               | 2409FPCC4G  |
| FCC ID                   | 2AFZZPCC4G  |
| Date of tests            | Jul. 12, 2024 ~ Aug. 05, 2024   |

The tests have been carried out according to the requirements of the following standard:

- FCC Part 90, Subpart R, S     ANSI/TIA/EIA-603- D
- FCC Part 2                       ANSI/TIA/EIA-603-E     ANSI C63.26-2015

CONCLUSION: The submitted sample was found to COMPLY with the test requirement

|   |   |
|---|---|
| Prepared by Simon Wang<br>Engineer / Mobile Department                              | Approved by Luke Lu<br>Manager / Mobile Department                                    |
|  |  |
| Date: Aug. 05, 2024   | Date: Aug. 05, 2024   |

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# TABLE OF CONTENTS

**RELEASE CONTROL RECORD ..... 4**

**1 SUMMARY OF TEST RESULTS ..... 5**

1.1 MEASUREMENT UNCERTAINTY ..... 6

1.2 TEST SITE AND INSTRUMENTS ..... 7

**2 GENERAL INFORMATION ..... 8**

2.1 GENERAL DESCRIPTION OF EUT ..... 8

2.2 CONFIGURATION OF SYSTEM UNDER TEST ..... 10

2.3 DESCRIPTION OF SUPPORT UNITS ..... 11

2.4 DESCRIPTION OF TEST MODES ..... 11

2.5 GENERAL DESCRIPTION OF APPLIED STANDARDS ..... 13

**3 TEST TYPES AND RESULTS ..... 14**

3.1 OUTPUT POWER MEASUREMENT ..... 14

3.1.1 LIMITS OF OUTPUT POWER MEASUREMENT ..... 14

3.1.2 TEST PROCEDURES ..... 14

3.1.3 TEST SETUP ..... 15

3.1.4 TEST RESULTS ..... 15

3.2 FREQUENCY STABILITY MEASUREMENT ..... 29

3.2.1 LIMITS OF FREQUENCY STABILITY MEASUREMENT ..... 29

3.2.2 TEST PROCEDURE ..... 29

3.2.3 TEST SETUP ..... 29

3.2.4 TEST RESULTS ..... 30

3.3 OCCUPIED BANDWIDTH MEASUREMENT ..... 31

3.3.1 LIMITS OF OCCUPIED BANDWIDTH MEASUREMENT ..... 31

3.3.2 TEST SETUP ..... 31

3.3.3 TEST PROCEDURES ..... 31

3.3.4 TEST RESULTS ..... 32

3.4 EMISSION MASK MEASUREMENT ..... 33

3.4.1 LIMITS OF EMISSION MASK MEASUREMENT ..... 33

3.4.2 TEST SETUP ..... 33

3.4.3 TEST PROCEDURES ..... 34

3.4.4 TEST RESULTS ..... 35

3.5 CONDUCTED SPURIOUS EMISSIONS ..... 36

3.5.1 LIMITS OF CONDUCTED SPURIOUS EMISSIONS MEASUREMENT ..... 36

3.5.2 TEST PROCEDURE ..... 36

3.5.3 TEST SETUP ..... 36

3.5.4 TEST RESULTS ..... 37

3.6 RADIATED EMISSION MEASUREMENT ..... 38

3.6.1 LIMITS OF RADIATED EMISSION MEASUREMENT ..... 38

3.6.2 TEST PROCEDURES ..... 38

3.6.3 DEVIATION FROM TEST STANDARD ..... 38

3.6.4 TEST SETUP ..... 39

3.6.5 TEST RESULTS ..... 41

3.7 PEAK TO AVERAGE RATIO ..... 55

3.7.1 LIMITS OF PEAK TO AVERAGE RATIO MEASUREMENT ..... 55

3.7.2 TEST SETUP ..... 55

3.7.3 TEST PROCEDURES ..... 55

3.7.4 TEST RESULTS ..... 56



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**Test Report No.: W7L-240618W002RF10**

|          |  |           |
|----------|--|-----------|
| <b>4</b> | <b>INFORMATION ON THE TESTING LABORATORIES .....</b>                               | <b>57</b> |
| <b>5</b> | <b>MODIFICATIONS RECORDERS FOR ENGINEERING CHANGES TO THE EUT BY THE LAB .....</b> | <b>58</b> |
| <b>6</b> | <b>APPENDIX .....</b>  | <b>59</b> |
|          | LTE BAND 26Q .....   | 59        |



Test Report No.: W7L-240618W002RF10

## RELEASE CONTROL RECORD

| ISSUE NO.          | REASON FOR CHANGE | DATE ISSUED   |
|--------------------|-------------------|---------------|
| W7L-240618W002RF10 | Original release  | Aug. 05, 2024 |



# 1 SUMMARY OF TEST RESULTS

The EUT has been tested according to the following specifications:

| APPLIED STANDARD: FCC Part 90 & Part 2 |                                    |        |
|--|------------------------------------|--------|
| STANDARD SECTION                       | TEST TYPE AND LIMIT                | RESULT |
| §2.1046<br>§90.635(b)                  | Conducted Output Power<br>(Band26) | PASS   |
| §2.1055<br>§90.213                     | Frequency Stability                | PASS   |
| §2.1049<br>§90.209                     | Occupied Bandwidth                 | PASS   |
| §2.1051<br>§90.691(a)                  | Emission Masks                     | PASS   |
| §2.1051<br>§90.691(a)                  | Conducted Spurious Emissions       | PASS   |
| §2.1053<br>§90.691                     | Radiated Spurious Emissions        | PASS   |

**NOTE:**

- The worst-case scenario for all measurements is based on an engineering evaluation made on different modulations. Then, QPSK and 16QAM were observed as the worst mode to LTE bands respectively and set for all conducted and radiated. Output power measurements were measured on QPSK, 16QAM, and 64QAM modulations, and tests other than output power are performed only in worse-case QPSK and 16QAM modulations.
- This report refers to the data of W7L-240618W001RF10(FCC ID: 2AFZZRAD4G), the difference of 24094RAD4G and 2409FPCC4G is model, FCC ID, brand name and 2409FPCC4G remove one camera. This report verify power and RSE worse case. The verified power is similar as the original report. So this report only update the RSE worse case(LTE Band 26 1.4M CH26740), other data of spot-Check Please Refer to folder the naming (xiaomi O17p Spot-check).
- List of the verified results (worse case) in the test item as follows:

| Test Item / Report No.   | W7L-240618W001RF10                          | W7L-240618W002RF10                          |
|--|---|---|
| Radiated Emission Test   | LTE Band 26 1.4M CH26740<br>Margin:-36.79Db | LTE Band 26 1.4M CH26740<br>Margin:-39.15Db |
| Remark: All validation data are within 3dB variation or better, the new result is better than the original data. |   |   |



## 1.1 MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

| MEASUREMENT                       | UNCERTAINTY |
|-----------------------------------|-------------|
| Maximum Peak Output Power         | ±2.06dB     |
| Frequency Stability               | ±76.97Hz    |
| Radiated emissions (9KHz~30MHz)   | ±2.68dB     |
| Radiated emissions (30MHz~1GHz)   | ±4.98dB     |
| Radiated emissions (1GHz ~6GHz)   | ±4.70dB     |
| Radiated emissions (6GHz ~18GHz)  | ±4.60dB     |
| Radiated emissions (18GHz ~40GHz) | ±4.12dB     |
| Conducted emissions               | ±4.01dB     |
| Occupied Channel Bandwidth        | ±43.58KHz   |
| Band Edge Measurements            | ±4.70dB     |
| Peak to average ratio             | ±0.76dB     |

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

## 1.2 TEST SITE AND INSTRUMENTS

| Equipment                                   | Manufacturer      | Model No.                       | Serial No.                          | Last Cal.  | Next Cal.  |
|---|-------------------|---------------------------------|-------------------------------------|------------|------------|
| MXE EMI Receiver                            | KEYSIGHT          | N9038A-544                      | MY54450026                          | Mar. 28,24 | Mar. 27,25 |
| EXA Signal Analyzer                         | KEYSIGHT          | N9010A-544                      | MY54510355                          | May.10,24  | May.09,25  |
| Loop Antenna                                | Schwarzbeck       | FMZB 1519B                      | 00173                               | Sep.03,23  | Sep.02,24  |
| Bilog Antenna                               | ETS-LINDGRE<br>N  | 3143B                           | 00161965                            | Feb. 18,24 | Feb. 17,25 |
| Horn Antenna                                | ETS-LINDGRE<br>N  | 3117                            | 00168692                            | Feb. 18,24 | Feb. 17,25 |
| Horn Antenna<br>(18GHz-40GHz)               | N/A               | QWH-SL-18-40-K-<br>SG/QMS-00361 | 15433                               | Sep.04, 23 | Sep.03, 24 |
| Radio Communication<br>Analyzer             | ANRITSU           | MT8820C                         | 6201465426                          | Feb. 14,24 | Feb. 13,25 |
| Signal Pre-Amplifier                        | EMSI              | EMC 9135                        | 980249                              | May. 06,24 | May. 05,25 |
| Signal Pre-Amplifier                        | EMSI              | EMC 012645B                     | 980257                              | May.10,24  | May.09,25  |
| Signal Pre-Amplifier                        | EMSI              | EMC 184045B                     | 980259                              | Feb. 17,24 | Feb.16,25  |
| 3m<br>Semi-anechoic<br>Chamber              | ETS-LINDGRE<br>N  | 9m*6m*6m                        | Euroshieldpn-<br>CT0001143-121<br>6 | Nov. 14,23 | Nov. 13,26 |
| Test Software                               | E3                | V 9.160323                      | N/A                                 | N/A        | N/A        |
| Test Software                               | JS1120            | 3.1.36                          | N/A                                 | N/A        | N/A        |
| 10dB Attenuator                             | JFW/USA           | 50HF-010-SMA                    | 50HF-010-SMA                        | May. 06,24 | May. 05,25 |
| Power Meter                                 | Anritsu           | ML2495A                         | 1506002                             | Feb. 14,24 | Feb. 13,25 |
| Power Sensor                                | Anritsu           | MA2411B                         | 1339352                             | Feb. 14,24 | Feb. 13,25 |
| Temperature Chamber                         | ESPEC             | SH-242                          | 93000855                            | May. 06,24 | May. 05,25 |
| MXG<br>Analog Microwave<br>Signal Generator | KEYSIGHT          | N5183A                          | MY50143024                          | Feb. 14,24 | Feb. 13,25 |
| Base station R&S<br>CMW500                  | Rohde&Schwa<br>rz | CMW500                          | 153085                              | May.10,24  | May.09,25  |
| DC Source                                   | Kikusui/JP        | PMX18-5A                        | N/A                                 | Aug. 11,23 | Aug. 10,24 |

- NOTE:**
1. The calibration interval of the above test instruments is 12 months or 36 months and the calibrations are traceable to CEPREI/CHINA, GRGT/CHINA and NIM/CHINA.
  2. The test was performed in 3m Semi-anechoic Chamber and RF Oven Room.
  3. The horn antenna is used only for the measurement of emission frequency above 1GHz if tested.
  4. The FCC Site Registration No. is 525120; The Designation No. is CN1171.

## 2 GENERAL INFORMATION

### 2.1 GENERAL DESCRIPTION OF EUT

|                              |  |                                 |
|------------------------------|--|---------------------------------|
| <b>PRODUCT</b>               | Mobile Phone   |                                 |
| <b>BRAND NAME</b>            | POCO   |                                 |
| <b>MODEL NAME</b>            | 2409FPCC4G   |                                 |
| <b>NOMINAL VOLTAGE</b>       | 5/5~11Vdc(adapter or host equipment)<br>3.91Vdc (Li-ion, battery)  |                                 |
| <b>MODULATION TECHNOLOGY</b> | LTE  | QPSK, 16QAM, 64QAM              |
| <b>FREQUENCY RANGE</b>       | LTE Band 26<br>(Channel Bandwidth: 1.4MHz)   | 814.7MHz ~ 823.3MHz             |
|                              | LTE Band 26<br>(Channel Bandwidth: 3MHz)   | 815.5MHz ~ 822.5MHz             |
|                              | LTE Band 26<br>(Channel Bandwidth: 5MHz)   | 816.5MHz ~ 821.5MHz             |
|                              | LTE Band 26<br>(Channel Bandwidth: 10MHz)  | 819MHz                          |
| <b>EMISSION DESIGNATOR</b>   | LTE Band 26<br>(Channel Bandwidth: 1.4MHz)   | QPSK: 1M09G7D<br>16QAM: 1M10W7D |
|                              | LTE Band 26<br>(Channel Bandwidth: 3MHz)   | QPSK: 2M69G7D<br>16QAM: 2M69W7D |
|                              | LTE Band 26<br>(Channel Bandwidth: 5MHz)   | QPSK: 4M51G7D<br>16QAM: 4M50W7D |
|                              | LTE Band 26<br>(Channel Bandwidth: 10MHz)  | QPSK: 8M98G7D<br>16QAM: 8M98W7D |
| <b>MAX. EIRP POWER</b>       | LTE Band 26<br>(Channel Bandwidth: 1.4MHz)   | 79.8mW                          |
|                              | LTE Band 26<br>(Channel Bandwidth: 3MHz)   | 80.35mW                         |
|                              | LTE Band 26<br>(Channel Bandwidth: 5MHz)   | 78.89mW                         |
|                              | LTE Band 26<br>(Channel Bandwidth: 10MHz)  | 80.17mW                         |
| <b>ANTENNA TYPE</b>          | PIFA Antenna   |                                 |
| <b>ANTENNA GAIN</b>          | ANT 4(UP):<br>PIFA Antenna with -5.2dBi gain for LTE26<br>ANT 1(DOWN):<br>PIFA Antenna with -3.4dBi gain for LTE26 |                                 |
| <b>HW VERSION</b>            | 13510O17P  |                                 |
| <b>SW VERSION</b>            | Xiaomi HyperOS 1.0   |                                 |





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**Test Report No.: W7L-240618W002RF10**

|                            |  |
|----------------------------|--|
| <b>IMEI</b>                | 861781070039865  |
| <b>I/O PORTS</b>           | Refer to user's manual   |
| <b>DATA CABLE</b>          | USB cable1: non-shielded cable, with w/o ferrite core, 1.0 meter<br>USB cable2: non-shielded cable, with w/o ferrite core, 1.0 meter |
| <b>EXTREME TEMPERATURE</b> | 0-40 °C  |
| <b>EXTREME VOLTAGE</b>     | 3.7V - 4.3V  |

**NOTE:**

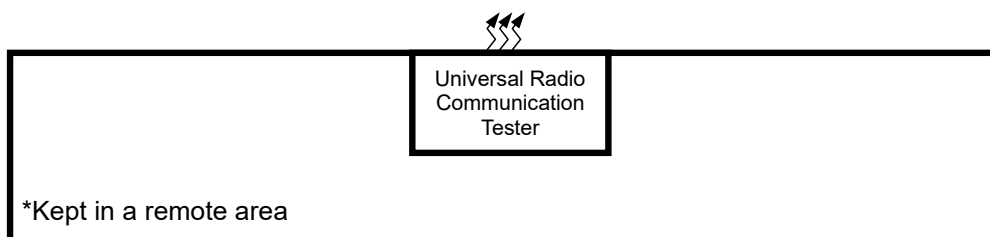
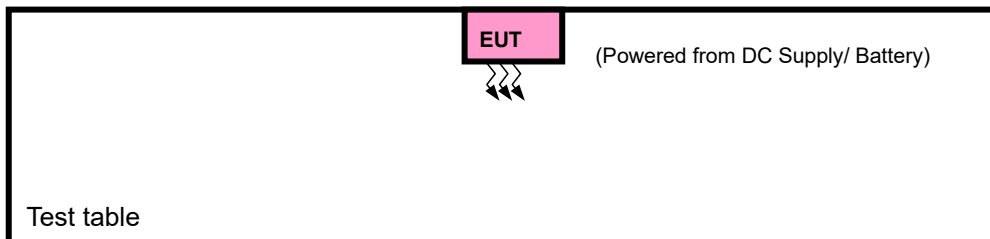
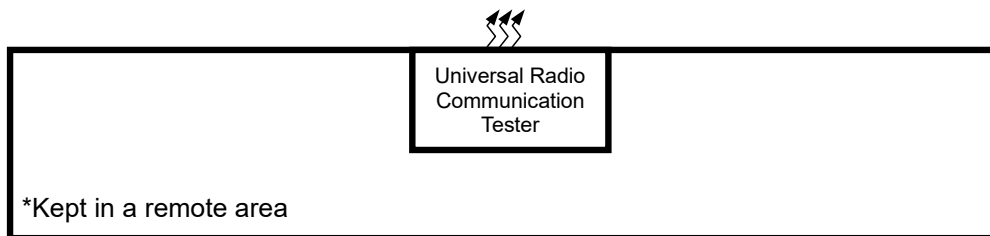
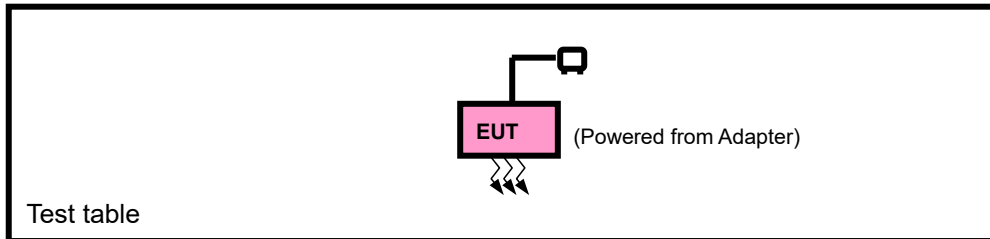
1. For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.
2. Physically, the EUT provides two completed transmitters and two receivers.

| <b>MODULATION MODE</b> | <b>TX FUNCTION</b> |
|------------------------|--------------------|
| <b>LTE</b>             | <b>SISO-2TX</b>    |

3. For the test results, the EUT had been tested with all conditions. But only the worst case was shown in test report.
4. Antenna gain and EUT conducted cable loss are provided by the customer, and the laboratory will record the results based on these items that involve these two parameters.

## 2.2 CONFIGURATION OF SYSTEM UNDER TEST

### FOR RADIATION EMISSION TEST





### 2.3 DESCRIPTION OF SUPPORT UNITS

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

| NO. | PRODUCT   | BRAND    | MODEL NO. | SERIAL NO. | FCC ID |
|-----|-----------|----------|-----------|------------|--------|
| 1   | DC source | LONG WEI | PS-6403D  | 010934269  | N/A    |

| NO. | SIGNAL CABLE DESCRIPTION OF THE ABOVE SUPPORT UNITS |
|-----|---|
| 1   | DC Line: Unshielded, Detachable 1.8m                |

### 2.4 DESCRIPTION OF TEST MODES

Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates, XYZ axis and antenna ports. The worst case in ERP/EIRP and radiated emission was found when positioned on X-plane for LTE. Following channel(s) was (were) selected for the final test as listed below:

| EUT CONFIGURE MODE | DESCRIPTION                             |
|--------------------|---|
| A                  | EUT + Adapter + USB Cable with LTE link |
| B                  | EUT + DC Supply with LTE link           |

**LTE BAND 26 MODE**

| EUT CONFIGURE MODE | TEST ITEM             | AVAILABLE CHANNEL | TESTED CHANNEL      | CHANNEL BANDWIDTH | MODULATION          | MODE                                       |  |                    |
|--------------------|-----------------------|-------------------|---------------------|-------------------|---------------------|--|--|--------------------|
| A                  | ERP                   | 26697 to 26783    | 26697, 26740, 26783 | 1.4MHz            | QPSK, 16QAM, 64QAM  | 1 RB / 0 RB Offset                         |  |                    |
|                    |                       | 26705 to 26775    | 26705, 26740, 26775 | 3MHz              | QPSK, 16QAM, 64QAM  | 1 RB / 0 RB Offset                         |  |                    |
|                    |                       | 26715 to 26765    | 26715, 26740, 26765 | 5MHz              | QPSK, 16QAM, 64QAM  | 1 RB / 0 RB Offset                         |  |                    |
|                    |                       | 26740             | 26740               | 10MHz             | QPSK, 16QAM         | 1 RB / 0 RB Offset                         |  |                    |
| B                  | FREQUENCY STABILITY   | 26715 to 26765    | 26715, 26765        | 5MHz              | QPSK                | 50 RB / 0 RB Offset                        |  |                    |
| A                  | OCCUPIED BANDWIDTH    | 26697 to 26783    | 26697, 26740, 26783 | 1.4MHz            | QPSK, 16QAM         | 6 RB / 0 RB Offset                         |  |                    |
|                    |                       | 26705 to 26775    | 26705, 26740, 26775 | 3MHz              | QPSK, 16QAM         | 15 RB / 0 RB Offset                        |  |                    |
|                    |                       | 26715 to 26765    | 26715, 26740, 26765 | 5MHz              | QPSK, 16QAM         | 25 RB / 0 RB Offset                        |  |                    |
|                    |                       | 26740             | 26740               | 10MHz             | QPSK, 16QAM         | 50 RB / 0 RB Offset                        |  |                    |
| A                  | PEAK TO AVERAGE RATIO | 26740             | 26740               | 10MHz             | QPSK, 16QAM         | 1 RB / 0 RB Offset<br>50 RB / 0 RB Offset  |  |                    |
| A                  | BAND EDGE             | 26697 to 26783    | 26697               | 1.4MHz            | QPSK,16QAM          | 1 RB / 0 RB Offset<br>6 RB / 0 RB Offset   |  |                    |
|                    |                       |                   | 26783               | 1.4MHz            | QPSK,16QAM          | 1 RB / 5 RB Offset<br>6 RB / 0 RB Offset   |  |                    |
|                    |                       |                   | 26705 to 26775      | 26705             | 3MHz                | QPSK,16QAM                                 | 1 RB / 0 RB Offset<br>15 RB / 0 RB Offset  |                    |
|                    |                       |                   |                     | 26775             | 3MHz                | QPSK,16QAM                                 | 1 RB / 14 RB Offset<br>15 RB / 0 RB Offset |                    |
|                    |                       | 26715 to 26765    | 26715               | 5MHz              | QPSK,16QAM          | 1 RB / 0 RB Offset<br>25 RB / 0 RB Offset  |  |                    |
|                    |                       |                   | 26765               | 5MHz              | QPSK,16QAM          | 1 RB / 24 RB Offset<br>25 RB / 0 RB Offset |  |                    |
|                    |                       |                   | 26740               | 26740             | 10MHz               | QPSK,16QAM                                 | 1 RB / 0 RB Offset<br>50 RB / 0 RB Offset  |                    |
|                    |                       |                   |                     | 26740             | 10MHz               | QPSK,16QAM                                 | 1 RB / 49 RB Offset<br>50 RB / 0 RB Offset |                    |
|                    |                       | A                 | CONDUCTED EMISSION  | 26697 to 26783    | 26697, 26740, 26783 | 1.4MHz                                     | QPSK,16QAM                                 | 1 RB / 0 RB Offset |
|                    |                       |                   |                     | 26705 to 26775    | 26705, 26740, 26775 | 3MHz                                       | QPSK,16QAM                                 | 1 RB / 0 RB Offset |
|                    |                       |                   |                     | 26715 to 26765    | 26715, 26740, 26765 | 5MHz                                       | QPSK,16QAM                                 | 1 RB / 0 RB Offset |
|                    |                       |                   |                     | 26740             | 26740               | 10MHz                                      | QPSK,16QAM                                 | 1 RB / 0 RB Offset |
| A                  | RADIATED EMISSION     | 26697 to 26783    | 26697, 26740, 26783 | 1.4MHz            | QPSK                | 1 RB / 0 RB Offset                         |  |                    |
|                    |                       | 26705 to 26775    | 26740               | 3MHz              | QPSK                | 1 RB / 0 RB Offset                         |  |                    |
|                    |                       | 26715 to 26765    | 26740               | 5MHz              | QPSK                | 1 RB / 0 RB Offset                         |  |                    |
|                    |                       | 26740             | 26740               | 10MHz             | QPSK                | 1 RB / 0 RB Offset                         |  |                    |

**Note:** This device was tested under all bandwidths, RB configurations and modulations. The worst case was found in QPSK modulation.



Test Report No.: W7L-240618W002RF10

**TEST CONDITION:**

| TEST ITEM           | ENVIRONMENTAL CONDITIONS | INPUT POWER                  | TESTED BY |
|---------------------|--------------------------|------------------------------|-----------|
| EIRP(ERP)           | 24deg. C, 60%RH          | DC 5/5~11V By Adapter        | Jace Hu   |
| FREQUENCY STABILITY | 24deg. C, 61%RH          | DC 3.7/3.91/4.3 By DC Source | James Fu  |
| OCCUPIED BANDWIDTH  | 24deg. C, 61%RH          | DC 5/5~11V By Adapter        | James Fu  |
| BAND EDGE           | 24deg. C, 61%RH          | DC 5/5~11V By Adapter        | James Fu  |
| CONDUCTED EMISSION  | 24deg. C, 61%RH          | DC 5/5~11V By Adapter        | James Fu  |
| RADIATED EMISSION   | 23deg. C, 70%RH          | DC 5/5~11V By Adapter        | Jace Hu   |

## 2.5 GENERAL DESCRIPTION OF APPLIED STANDARDS

The EUT is a RF product. According to the specifications of the manufacturer, it must comply with the requirements of the following standards:

**FCC 47 CFR Part 2**

**FCC 47 CFR Part 90**

**ANSI/TIA/EIA-603-D**

**ANSI/TIA/EIA-603-E**

**ANSI C63.26-2015**

**NOTE:** All test items have been performed and recorded as per the above standards.



### 3 TEST TYPES AND RESULTS

#### 3.1 OUTPUT POWER MEASUREMENT

##### 3.1.1 LIMITS OF OUTPUT POWER MEASUREMENT

Per FCC Part 90.635(a)(b)

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

##### 3.1.2 TEST PROCEDURES

###### **EIRP / ERP MEASUREMENT:**

Per KDB 971168 D01 Power Meas License Digital Systems v03r01 or subclause 5.2.5.5 of ANSI C63.26-2015, the relevant equation for determining the ERP or EIRP from the conducted RF output power measured using the guidance provided above is:

$$\text{ERP or EIRP} = P_{\text{Meas}} + G_{\text{T}} - L_{\text{C}}$$

Where:

ERP or EIRP = effective radiated power or equivalent isotropically radiated power, respectively

(expressed in the same units as  $P_{\text{Meas}}$ , typically dBW or dBm);

$P_{\text{Meas}}$  = measured transmitter output power or PSD, in dBm or dBW;

$G_{\text{T}}$  = gain of the transmitting antenna, in dBd (ERP) or dBi (EIRP);

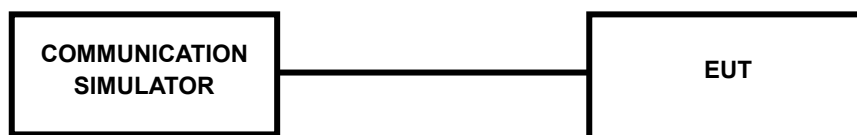
$L_{\text{C}}$  = signal attenuation in the connecting cable between the transmitter and antenna, in dB

###### **CONDUCTED POWER MEASUREMENT:**

- a. The EUT was set up for the maximum power with LTE link data modulation and link up with simulator.
- b. Set the EUT to transmit under low, middle and high channel and record the power level shown on simulator.

### 3.1.3 TEST SETUP

#### CONDUCTED POWER MEASUREMENT:



For the actual test configuration, please refer to the attached file (Test Setup Photo).

### 3.1.4 TEST RESULTS

#### CONDUCTED OUTPUT POWER (dBm)

##### ANT 4(UP):

LTE Band 26

| Band/BW | Modulation | RB Size | RB Offset | Low CH<br>26697        | Mid CH<br>26740      | High CH<br>26783       |
|---------|------------|---------|-----------|------------------------|----------------------|------------------------|
|         |            |         |           | Frequency<br>814.7 MHz | Frequency<br>819 MHz | Frequency<br>823.3 MHz |
| 26/ 1.4 | QPSK       | 1       | 0         | 23.84                  | 23.80                | 23.51                  |
|         |            | 1       | 2         | 23.86                  | 23.60                | 23.54                  |
|         |            | 1       | 5         | 23.58                  | 23.69                | 23.46                  |
|         |            | 3       | 0         | 23.42                  | 23.42                | 23.27                  |
|         |            | 3       | 1         | 23.36                  | 23.34                | 23.52                  |
|         |            | 3       | 3         | 23.32                  | 23.27                | 23.28                  |
|         |            | 6       | 0         | 22.75                  | 22.65                | 22.82                  |
|         | 16QAM      | 1       | 0         | 22.93                  | 22.81                | 22.88                  |
|         |            | 1       | 2         | 22.90                  | 22.96                | 22.93                  |
|         |            | 1       | 5         | 22.93                  | 22.74                | 22.91                  |
|         |            | 3       | 0         | 22.68                  | 22.49                | 22.66                  |
|         |            | 3       | 1         | 22.40                  | 22.52                | 22.87                  |
|         |            | 3       | 3         | 22.79                  | 22.69                | 22.97                  |
|         |            | 6       | 0         | 21.48                  | 21.86                | 21.68                  |
|         | 64QAM      | 1       | 0         | 21.77                  | 21.87                | 21.76                  |
|         |            | 1       | 2         | 21.93                  | 21.80                | 21.84                  |
|         |            | 1       | 5         | 21.77                  | 21.73                | 21.56                  |
|         |            | 3       | 0         | 21.73                  | 21.63                | 21.68                  |
|         |            | 3       | 1         | 21.68                  | 21.75                | 21.91                  |
|         |            | 3       | 3         | 21.85                  | 21.73                | 21.78                  |
|         |            | 6       | 0         | 20.57                  | 20.66                | 20.74                  |

| Band/BW | Modulation | RB Size | RB Offset | Low CH<br>26705        | Mid CH<br>26740      | High CH<br>26775       |
|---------|------------|---------|-----------|------------------------|----------------------|------------------------|
|         |            |         |           | Frequency<br>815.5 MHz | Frequency<br>819 MHz | Frequency<br>822.5 MHz |
| 26/ 3   | QPSK       | 1       | 0         | 23.84                  | 23.80                | 23.51                  |
|         |            | 1       | 7         | 23.86                  | 23.60                | 23.54                  |
|         |            | 1       | 14        | 23.58                  | 23.69                | 23.46                  |
|         |            | 8       | 0         | 22.76                  | 22.76                | 22.61                  |
|         |            | 8       | 3         | 22.70                  | 22.68                | 22.86                  |
|         |            | 8       | 7         | 22.66                  | 22.61                | 22.62                  |
|         |            | 15      | 0         | 22.75                  | 22.65                | 22.82                  |
|         | 16QAM      | 1       | 0         | 22.93                  | 22.81                | 22.88                  |
|         |            | 1       | 7         | 22.90                  | 22.96                | 22.93                  |
|         |            | 1       | 14        | 22.93                  | 22.74                | 22.91                  |
|         |            | 8       | 0         | 21.52                  | 21.83                | 21.80                  |
|         |            | 8       | 3         | 21.74                  | 21.66                | 21.61                  |
|         |            | 8       | 7         | 21.53                  | 21.63                | 21.61                  |
|         |            | 15      | 0         | 21.48                  | 21.86                | 21.68                  |
|         | 64QAM      | 1       | 0         | 21.77                  | 21.87                | 21.76                  |
|         |            | 1       | 7         | 21.93                  | 21.80                | 21.84                  |
|         |            | 1       | 14        | 21.77                  | 21.73                | 21.56                  |
|         |            | 8       | 0         | 20.47                  | 20.57                | 20.62                  |
|         |            | 8       | 3         | 20.62                  | 20.57                | 20.55                  |
|         |            | 8       | 7         | 20.79                  | 20.57                | 20.82                  |
|         |            | 15      | 0         | 20.57                  | 20.66                | 20.74                  |



| Band/BW | Modulation | RB Size | RB Offset | Low CH<br>26715        | Mid CH<br>26740      | High CH<br>26765       |
|---------|------------|---------|-----------|------------------------|----------------------|------------------------|
|         |            |         |           | Frequency<br>816.5 MHz | Frequency<br>819 MHz | Frequency<br>821.5 MHz |
| 26/ 5   | QPSK       | 1       | 0         | 23.80                  | 23.70                | 23.45                  |
|         |            | 1       | 12        | 23.76                  | 23.70                | 23.54                  |
|         |            | 1       | 24        | 23.57                  | 23.59                | 23.52                  |
|         |            | 12      | 0         | 22.67                  | 22.78                | 22.64                  |
|         |            | 12      | 6         | 22.70                  | 22.62                | 22.89                  |
|         |            | 12      | 13        | 22.54                  | 22.66                | 22.60                  |
|         |            | 25      | 0         | 22.62                  | 22.55                | 22.86                  |
|         | 16QAM      | 1       | 0         | 22.85                  | 22.87                | 22.83                  |
|         |            | 1       | 12        | 22.87                  | 23.02                | 22.83                  |
|         |            | 1       | 24        | 22.85                  | 22.87                | 22.89                  |
|         |            | 12      | 0         | 21.52                  | 21.71                | 21.82                  |
|         |            | 12      | 6         | 21.65                  | 21.57                | 21.60                  |
|         |            | 12      | 13        | 21.60                  | 21.68                | 21.74                  |
|         |            | 25      | 0         | 21.43                  | 21.84                | 21.68                  |
|         | 64QAM      | 1       | 0         | 21.78                  | 21.75                | 21.72                  |
|         |            | 1       | 12        | 21.95                  | 21.89                | 21.77                  |
|         |            | 1       | 24        | 21.74                  | 21.74                | 21.59                  |
|         |            | 12      | 0         | 20.52                  | 20.49                | 20.61                  |
|         |            | 12      | 6         | 20.66                  | 20.65                | 20.63                  |
|         |            | 12      | 13        | 20.70                  | 20.58                | 20.89                  |
|         |            | 25      | 0         | 20.55                  | 20.67                | 20.74                  |



**BUREAU  
VERITAS**

**Test Report No.: W7L-240618W002RF10**

| Band/BW | Modulation | RB Size | RB Offset | / | Mid CH<br>26740      | / |
|---------|------------|---------|-----------|---|----------------------|---|
|         |            |         |           | / | Frequency<br>819 MHz | / |
| 26/ 10  | QPSK       | 1       | 0         | / | <b>23.78</b>         | / |
|         |            | 1       | 24        | / | 23.70                | / |
|         |            | 1       | 49        | / | 23.62                | / |
|         |            | 25      | 0         | / | 22.74                | / |
|         |            | 25      | 12        | / | 22.64                | / |
|         |            | 25      | 25        | / | 22.64                | / |
|         |            | 50      | 0         | / | 22.60                | / |
|         | 16QAM      | 1       | 0         | / | 22.88                | / |
|         |            | 1       | 24        | / | 23.00                | / |
|         |            | 1       | 49        | / | 22.87                | / |
|         |            | 25      | 0         | / | 21.74                | / |
|         |            | 25      | 12        | / | 21.63                | / |
|         |            | 25      | 25        | / | 21.64                | / |
|         |            | 50      | 0         | / | 21.69                | / |
|         | 64QAM      | 1       | 0         | / | 21.76                | / |
|         |            | 1       | 24        | / | 21.82                | / |
|         |            | 1       | 49        | / | 21.66                | / |
|         |            | 25      | 0         | / | 20.56                | / |
|         |            | 25      | 12        | / | 20.56                | / |
|         |            | 25      | 25        | / | 20.70                | / |
|         |            | 50      | 0         | / | 20.50                | / |



**BUREAU  
VERITAS**

**Test Report No.: W7L-240618W002RF10**

**ANT 1(DOWN):**

LTE Band 26

| Band/BW | Modulation | RB Size | RB Offset | Low CH<br>26697        | Mid CH<br>26740      | High CH<br>26783       |       |
|---------|------------|---------|-----------|------------------------|----------------------|------------------------|-------|
|         |            |         |           | Frequency<br>814.7 MHz | Frequency<br>819 MHz | Frequency<br>823.3 MHz |       |
| 26/ 1.4 | QPSK       | 1       | 0         | 24.36                  | 24.46                | 24.34                  |       |
|         |            | 1       | 2         | 24.33                  | 24.57                | 24.39                  |       |
|         |            | 1       | 5         | 24.30                  | 24.27                | 24.22                  |       |
|         |            | 3       | 0         | 24.18                  | 24.25                | 24.13                  |       |
|         |            | 3       | 1         | 24.09                  | 24.23                | 24.17                  |       |
|         |            | 3       | 3         | 24.10                  | 24.20                | 24.10                  |       |
|         | 16QAM      | 1       | 0         | 23.50                  | 23.54                | 23.65                  |       |
|         |            | 1       | 2         | 23.62                  | 23.50                | 23.51                  |       |
|         |            | 1       | 5         | 23.73                  | 23.68                | 23.45                  |       |
|         |            | 3       | 0         | 23.19                  | 23.08                | 23.10                  |       |
|         |            | 3       | 1         | 23.33                  | 23.05                | 23.37                  |       |
|         |            | 3       | 3         | 23.14                  | 23.05                | 23.18                  |       |
|         | 64QAM      | 6       | 0         | 22.34                  | 22.29                | 22.25                  |       |
|         |            | 1       | 0         | 22.56                  | 22.41                | 22.51                  |       |
|         |            | 1       | 2         | 22.54                  | 22.38                | 22.64                  |       |
|         |            | 1       | 5         | 22.42                  | 22.56                | 22.43                  |       |
|         |            | 3       | 0         | 22.04                  | 22.22                | 22.10                  |       |
|         |            | 3       | 1         | 22.21                  | 22.21                | 22.17                  |       |
|         |            |         | 3         | 3                      | 22.29                | 21.93                  | 22.01 |
|         |            |         | 6         | 0                      | 21.36                | 21.36                  | 21.39 |

| Band/BW | Modulation | RB Size | RB Offset | Low CH<br>26705        | Mid CH<br>26740      | High CH<br>26775       |
|---------|------------|---------|-----------|------------------------|----------------------|------------------------|
|         |            |         |           | Frequency<br>815.5 MHz | Frequency<br>819 MHz | Frequency<br>822.5 MHz |
| 26/ 3   | QPSK       | 1       | 0         | 24.33                  | 24.49                | 24.35                  |
|         |            | 1       | 7         | 24.29                  | 24.60                | 24.37                  |
|         |            | 1       | 14        | 24.35                  | 24.39                | 24.32                  |
|         |            | 8       | 0         | 23.38                  | 23.39                | 23.29                  |
|         |            | 8       | 3         | 23.20                  | 23.31                | 23.30                  |
|         |            | 8       | 7         | 23.35                  | 23.35                | 23.30                  |
|         |            | 15      | 0         | 23.40                  | 23.34                | 23.32                  |
|         | 16QAM      | 1       | 0         | 23.57                  | 23.51                | 23.66                  |
|         |            | 1       | 7         | 23.60                  | 23.51                | 23.53                  |
|         |            | 1       | 14        | 23.71                  | 23.68                | 23.55                  |
|         |            | 8       | 0         | 22.33                  | 22.27                | 22.27                  |
|         |            | 8       | 3         | 22.39                  | 22.35                | 22.55                  |
|         |            | 8       | 7         | 22.35                  | 22.29                | 22.34                  |
|         |            | 15      | 0         | 22.31                  | 22.25                | 22.29                  |
|         | 64QAM      | 1       | 0         | 22.45                  | 22.44                | 22.51                  |
|         |            | 1       | 7         | 22.57                  | 22.38                | 22.58                  |
|         |            | 1       | 14        | 22.36                  | 22.54                | 22.41                  |
|         |            | 8       | 0         | 21.20                  | 21.38                | 21.25                  |
|         |            | 8       | 3         | 21.31                  | 21.28                | 21.36                  |
|         |            | 8       | 7         | 21.41                  | 21.11                | 21.23                  |
|         |            | 15      | 0         | 21.28                  | 21.28                | 21.39                  |

| Band/BW | Modulation | RB Size | RB Offset | Low CH<br>26715        | Mid CH<br>26740      | High CH<br>26765       |
|---------|------------|---------|-----------|------------------------|----------------------|------------------------|
|         |            |         |           | Frequency<br>816.5 MHz | Frequency<br>819 MHz | Frequency<br>821.5 MHz |
| 26/ 5   | QPSK       | 1       | 0         | 24.32                  | 24.47                | 24.40                  |
|         |            | 1       | 12        | 24.42                  | 24.52                | 24.28                  |
|         |            | 1       | 24        | 24.40                  | 24.39                | 24.32                  |
|         |            | 12      | 0         | 23.32                  | 23.43                | 23.30                  |
|         |            | 12      | 6         | 23.30                  | 23.32                | 23.30                  |
|         |            | 12      | 13        | 23.27                  | 23.30                | 23.16                  |
|         |            | 25      | 0         | 23.32                  | 23.27                | 23.33                  |
|         | 16QAM      | 1       | 0         | 23.51                  | 23.49                | 23.59                  |
|         |            | 1       | 12        | 23.70                  | 23.62                | 23.64                  |
|         |            | 1       | 24        | 23.74                  | 23.57                | 23.44                  |
|         |            | 12      | 0         | 22.38                  | 22.28                | 22.34                  |
|         |            | 12      | 6         | 22.43                  | 22.27                | 22.43                  |
|         |            | 12      | 13        | 22.37                  | 22.33                | 22.39                  |
|         |            | 25      | 0         | 22.39                  | 22.31                | 22.27                  |
|         | 64QAM      | 1       | 0         | 22.50                  | 22.47                | 22.46                  |
|         |            | 1       | 12        | 22.52                  | 22.38                | 22.52                  |
|         |            | 1       | 24        | 22.30                  | 22.58                | 22.47                  |
|         |            | 12      | 0         | 21.24                  | 21.37                | 21.25                  |
|         |            | 12      | 6         | 21.36                  | 21.38                | 21.32                  |
|         |            | 12      | 13        | 21.36                  | 21.11                | 21.27                  |
|         |            | 25      | 0         | 21.30                  | 21.26                | 21.42                  |



**BUREAU  
VERITAS**

**Test Report No.: W7L-240618W002RF10**

| Band/BW | Modulation | RB Size | RB Offset | / | Mid CH<br>26740      | / |
|---------|------------|---------|-----------|---|----------------------|---|
|         |            |         |           | / | Frequency<br>819 MHz | / |
| 26/ 10  | QPSK       | 1       | 0         | / | 24.53                | / |
|         |            | 1       | 24        | / | <b>24.59</b>         | / |
|         |            | 1       | 49        | / | 24.33                | / |
|         |            | 25      | 0         | / | 23.34                | / |
|         |            | 25      | 12        | / | 23.36                | / |
|         |            | 25      | 25        | / | 23.31                | / |
|         |            | 50      | 0         | / | 23.26                | / |
|         | 16QAM      | 1       | 0         | / | 23.46                | / |
|         |            | 1       | 24        | / | 23.56                | / |
|         |            | 1       | 49        | / | 23.68                | / |
|         |            | 25      | 0         | / | 22.31                | / |
|         |            | 25      | 12        | / | 22.26                | / |
|         |            | 25      | 25        | / | 22.28                | / |
|         |            | 50      | 0         | / | 22.31                | / |
|         | 64QAM      | 1       | 0         | / | 22.49                | / |
|         |            | 1       | 24        | / | 22.41                | / |
|         |            | 1       | 49        | / | 22.51                | / |
|         |            | 25      | 0         | / | 21.31                | / |
|         |            | 25      | 12        | / | 21.30                | / |
|         |            | 25      | 25        | / | 21.12                | / |
|         |            | 50      | 0         | / | 21.24                | / |

**ERP**

**ANT 4(UP):**

| LTE B26 1.4M QPSK |                 |                       |           |           |          |          |
|-------------------|-----------------|-----------------------|-----------|-----------|----------|----------|
| Channel           | Frequency (MHz) | Conducted Power (dBm) | Gain (dB) | ERP (dBm) | ERP (mW) | Lmit (W) |
| 26697             | 814.7           | 23.86                 | -5.2      | 16.51     | 44.77    | 100      |
| 26740             | 819             | 23.8                  | -5.2      | 16.45     | 44.16    | 100      |
| 26783             | 823.3           | 23.54                 | -5.2      | 16.19     | 41.59    | 100      |

| LTE B26 1.4M 16QAM |                 |                       |           |           |          |          |
|--------------------|-----------------|-----------------------|-----------|-----------|----------|----------|
| Channel            | Frequency (MHz) | Conducted Power (dBm) | Gain (dB) | ERP (dBm) | ERP (mW) | Lmit (W) |
| 26697              | 814.7           | 22.93                 | -5.2      | 15.58     | 36.14    | 100      |
| 26740              | 819             | 22.96                 | -5.2      | 15.61     | 36.39    | 100      |
| 26783              | 823.3           | 22.97                 | -5.2      | 15.62     | 36.48    | 100      |

| LTE B26 1.4M 64QAM |                 |                       |           |           |          |          |
|--------------------|-----------------|-----------------------|-----------|-----------|----------|----------|
| Channel            | Frequency (MHz) | Conducted Power (dBm) | Gain (dB) | ERP (dBm) | ERP (mW) | Lmit (W) |
| 26697              | 814.7           | 21.93                 | -5.2      | 14.58     | 28.71    | 100      |
| 26740              | 819             | 21.87                 | -5.2      | 14.52     | 28.31    | 100      |
| 26783              | 823.3           | 21.91                 | -5.2      | 14.56     | 28.58    | 100      |

| LTE B26 3M QPSK |                 |                       |           |           |          |          |
|-----------------|-----------------|-----------------------|-----------|-----------|----------|----------|
| Channel         | Frequency (MHz) | Conducted Power (dBm) | Gain (dB) | ERP (dBm) | ERP (mW) | Lmit (W) |
| 26705           | 815.5           | 23.86                 | -5.2      | 16.51     | 44.77    | 100      |
| 26740           | 819             | 23.8                  | -5.2      | 16.45     | 44.16    | 100      |
| 26775           | 822.5           | 23.54                 | -5.2      | 16.19     | 41.59    | 100      |

| LTE B26 3M 16QAM |                 |                       |           |           |          |          |
|------------------|-----------------|-----------------------|-----------|-----------|----------|----------|
| Channel          | Frequency (MHz) | Conducted Power (dBm) | Gain (dB) | ERP (dBm) | ERP (mW) | Lmit (W) |
| 26705            | 815.5           | 22.93                 | -5.2      | 15.58     | 36.14    | 100      |
| 26740            | 819             | 22.96                 | -5.2      | 15.61     | 36.39    | 100      |
| 26775            | 822.5           | 22.93                 | -5.2      | 15.58     | 36.14    | 100      |

| LTE B26 3M 64QAM |                 |                       |           |           |          |          |
|------------------|-----------------|-----------------------|-----------|-----------|----------|----------|
| Channel          | Frequency (MHz) | Conducted Power (dBm) | Gain (dB) | ERP (dBm) | ERP (mW) | Lmit (W) |
| 26705            | 815.5           | 21.93                 | -5.2      | 14.58     | 28.71    | 100      |
| 26740            | 819             | 21.87                 | -5.2      | 14.52     | 28.31    | 100      |
| 26775            | 822.5           | 21.84                 | -5.2      | 14.49     | 28.12    | 100      |

| LTE B26 5M QPSK |                 |                       |           |           |          |          |
|-----------------|-----------------|-----------------------|-----------|-----------|----------|----------|
| Channel         | Frequency (MHz) | Conducted Power (dBm) | Gain (dB) | ERP (dBm) | ERP (mW) | Lmit (W) |
| 26715           | 816.5           | 23.8                  | -5.2      | 16.45     | 44.16    | 100      |
| 26740           | 819             | 23.7                  | -5.2      | 16.35     | 43.15    | 100      |
| 26765           | 821.5           | 23.54                 | -5.2      | 16.19     | 41.59    | 100      |

| LTE B26 5M 16QAM |                 |                       |           |           |          |          |
|------------------|-----------------|-----------------------|-----------|-----------|----------|----------|
| Channel          | Frequency (MHz) | Conducted Power (dBm) | Gain (dB) | ERP (dBm) | ERP (mW) | Lmit (W) |
| 26715            | 816.5           | 22.87                 | -5.2      | 15.52     | 35.65    | 100      |
| 26740            | 819             | 23.02                 | -5.2      | 15.67     | 36.9     | 100      |
| 26765            | 821.5           | 22.89                 | -5.2      | 15.54     | 35.81    | 100      |

| LTE B26 5M 64QAM |                 |                       |           |           |          |          |
|------------------|-----------------|-----------------------|-----------|-----------|----------|----------|
| Channel          | Frequency (MHz) | Conducted Power (dBm) | Gain (dB) | ERP (dBm) | ERP (mW) | Lmit (W) |
| 26715            | 816.5           | 21.95                 | -5.2      | 14.6      | 28.84    | 100      |
| 26740            | 819             | 21.89                 | -5.2      | 14.54     | 28.44    | 100      |
| 26765            | 821.5           | 21.77                 | -5.2      | 14.42     | 27.67    | 100      |





Test Report No.: W7L-240618W002RF10

| LTE B26 10M QPSK |                 |                       |           |           |          |          |
|------------------|-----------------|-----------------------|-----------|-----------|----------|----------|
| Channel          | Frequency (MHz) | Conducted Power (dBm) | Gain (dB) | ERP (dBm) | ERP (mW) | Lmit (W) |
| 26740            | 819             | 23.78                 | -5.2      | 16.43     | 43.95    | 100      |

| LTE B26 10M 16QAM |                 |                       |           |           |          |          |
|-------------------|-----------------|-----------------------|-----------|-----------|----------|----------|
| Channel           | Frequency (MHz) | Conducted Power (dBm) | Gain (dB) | ERP (dBm) | ERP (mW) | Lmit (W) |
| 26740             | 819             | 23                    | -5.2      | 15.65     | 36.73    | 100      |

| LTE B26 10M 64QAM |                 |                       |           |           |          |          |
|-------------------|-----------------|-----------------------|-----------|-----------|----------|----------|
| Channel           | Frequency (MHz) | Conducted Power (dBm) | Gain (dB) | ERP (dBm) | ERP (mW) | Lmit (W) |
| 26740             | 819             | 21.82                 | -5.2      | 14.47     | 27.99    | 100      |

**REMARKS:** ERP Output Power (dBm) = EIRP (dBm) -2.15(dB).



BUREAU  
VERITAS

Test Report No.: W7L-240618W002RF10

ANT 1(DOWN):

| LTE B26 1.4M QPSK |                 |                       |           |           |          |          |
|-------------------|-----------------|-----------------------|-----------|-----------|----------|----------|
| Channel           | Frequency (MHz) | Conducted Power (dBm) | Gain (dB) | ERP (dBm) | ERP (mW) | Lmit (W) |
| 26697             | 814.7           | 24.36                 | -3.4      | 18.81     | 76.03    | 100      |
| 26740             | 819             | 24.57                 | -3.4      | 19.02     | 79.8     | 100      |
| 26783             | 823.3           | 24.39                 | -3.4      | 18.84     | 76.56    | 100      |

| LTE B26 1.4M 16QAM |                 |                       |           |           |          |          |
|--------------------|-----------------|-----------------------|-----------|-----------|----------|----------|
| Channel            | Frequency (MHz) | Conducted Power (dBm) | Gain (dB) | ERP (dBm) | ERP (mW) | Lmit (W) |
| 26697              | 814.7           | 23.73                 | -3.4      | 18.18     | 65.77    | 100      |
| 26740              | 819             | 23.68                 | -3.4      | 18.13     | 65.01    | 100      |
| 26783              | 823.3           | 23.65                 | -3.4      | 18.1      | 64.57    | 100      |

| LTE B26 1.4M 64QAM |                 |                       |           |           |          |          |
|--------------------|-----------------|-----------------------|-----------|-----------|----------|----------|
| Channel            | Frequency (MHz) | Conducted Power (dBm) | Gain (dB) | ERP (dBm) | ERP (mW) | Lmit (W) |
| 26697              | 814.7           | 22.56                 | -3.4      | 17.01     | 50.23    | 100      |
| 26740              | 819             | 22.56                 | -3.4      | 17.01     | 50.23    | 100      |
| 26783              | 823.3           | 22.64                 | -3.4      | 17.09     | 51.17    | 100      |

| LTE B26 3M QPSK |                 |                       |           |           |          |          |
|-----------------|-----------------|-----------------------|-----------|-----------|----------|----------|
| Channel         | Frequency (MHz) | Conducted Power (dBm) | Gain (dB) | ERP (dBm) | ERP (mW) | Lmit (W) |
| 26705           | 815.5           | 24.35                 | -3.4      | 18.8      | 75.86    | 100      |
| 26740           | 819             | 24.6                  | -3.4      | 19.05     | 80.35    | 100      |
| 26775           | 822.5           | 24.37                 | -3.4      | 18.82     | 76.21    | 100      |

| LTE B26 3M 16QAM |                 |                       |           |           |          |          |
|------------------|-----------------|-----------------------|-----------|-----------|----------|----------|
| Channel          | Frequency (MHz) | Conducted Power (dBm) | Gain (dB) | ERP (dBm) | ERP (mW) | Lmit (W) |
| 26705            | 815.5           | 23.71                 | -3.4      | 18.16     | 65.46    | 100      |
| 26740            | 819             | 23.68                 | -3.4      | 18.13     | 65.01    | 100      |
| 26775            | 822.5           | 23.66                 | -3.4      | 18.11     | 64.71    | 100      |

| LTE B26 3M 64QAM |                 |                       |           |           |          |          |
|------------------|-----------------|-----------------------|-----------|-----------|----------|----------|
| Channel          | Frequency (MHz) | Conducted Power (dBm) | Gain (dB) | ERP (dBm) | ERP (mW) | Lmit (W) |
| 26705            | 815.5           | 22.57                 | -3.4      | 17.02     | 50.35    | 100      |
| 26740            | 819             | 22.54                 | -3.4      | 16.99     | 50       | 100      |
| 26775            | 822.5           | 22.58                 | -3.4      | 17.03     | 50.47    | 100      |

| LTE B26 5M QPSK |                 |                       |           |           |          |          |
|-----------------|-----------------|-----------------------|-----------|-----------|----------|----------|
| Channel         | Frequency (MHz) | Conducted Power (dBm) | Gain (dB) | ERP (dBm) | ERP (mW) | Lmit (W) |
| 26715           | 816.5           | 24.42                 | -3.4      | 18.87     | 77.09    | 100      |
| 26740           | 819             | 24.52                 | -3.4      | 18.97     | 78.89    | 100      |
| 26765           | 821.5           | 24.4                  | -3.4      | 18.85     | 76.74    | 100      |

| LTE B26 5M 16QAM |                 |                       |           |           |          |          |
|------------------|-----------------|-----------------------|-----------|-----------|----------|----------|
| Channel          | Frequency (MHz) | Conducted Power (dBm) | Gain (dB) | ERP (dBm) | ERP (mW) | Lmit (W) |
| 26715            | 816.5           | 23.74                 | -3.4      | 18.19     | 65.92    | 100      |
| 26740            | 819             | 23.62                 | -3.4      | 18.07     | 64.12    | 100      |
| 26765            | 821.5           | 23.64                 | -3.4      | 18.09     | 64.42    | 100      |

| LTE B26 5M 64QAM |                 |                       |           |           |          |          |
|------------------|-----------------|-----------------------|-----------|-----------|----------|----------|
| Channel          | Frequency (MHz) | Conducted Power (dBm) | Gain (dB) | ERP (dBm) | ERP (mW) | Lmit (W) |
| 26715            | 816.5           | 22.52                 | -3.4      | 16.97     | 49.77    | 100      |
| 26740            | 819             | 22.58                 | -3.4      | 17.03     | 50.47    | 100      |
| 26765            | 821.5           | 22.52                 | -3.4      | 16.97     | 49.77    | 100      |



Test Report No.: W7L-240618W002RF10

| LTE B26 10M QPSK |                 |                       |           |           |          |          |
|------------------|-----------------|-----------------------|-----------|-----------|----------|----------|
| Channel          | Frequency (MHz) | Conducted Power (dBm) | Gain (dB) | ERP (dBm) | ERP (mW) | Lmit (W) |
| 26740            | 819             | 24.59                 | -3.4      | 19.04     | 80.17    | 100      |

| LTE B26 10M 16QAM |                 |                       |           |           |          |          |
|-------------------|-----------------|-----------------------|-----------|-----------|----------|----------|
| Channel           | Frequency (MHz) | Conducted Power (dBm) | Gain (dB) | ERP (dBm) | ERP (mW) | Lmit (W) |
| 26740             | 819             | 23.68                 | -3.4      | 18.13     | 65.01    | 100      |

| LTE B26 10M 64QAM |                 |                       |           |           |          |          |
|-------------------|-----------------|-----------------------|-----------|-----------|----------|----------|
| Channel           | Frequency (MHz) | Conducted Power (dBm) | Gain (dB) | ERP (dBm) | ERP (mW) | Lmit (W) |
| 26740             | 819             | 22.51                 | -3.4      | 16.96     | 49.66    | 100      |

**REMARKS:** ERP Output Power (dBm) = EIRP (dBm) -2.15(dB).

### 3.2 FREQUENCY STABILITY MEASUREMENT

#### 3.2.1 LIMITS OF FREQUENCY STABILITY MEASUREMENT

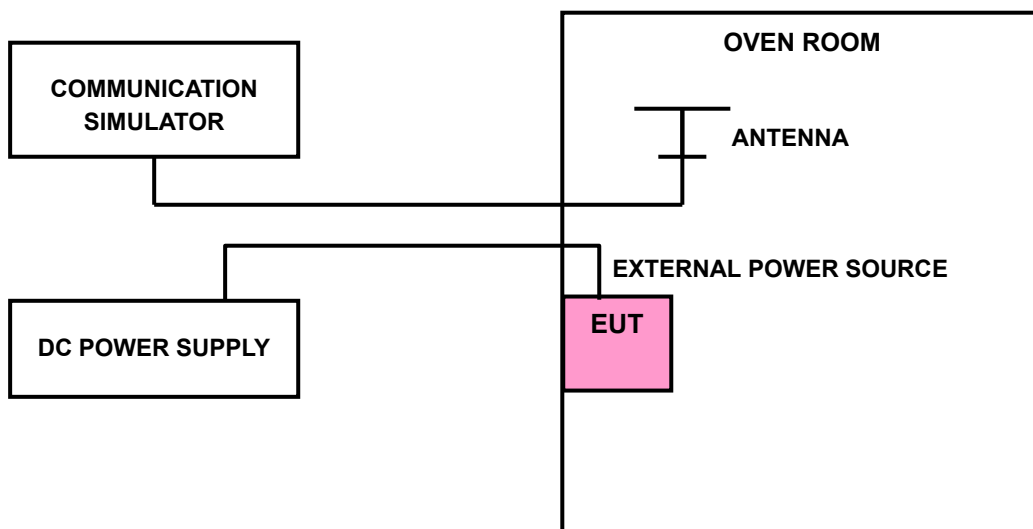
The frequency stability of mobile, portable and control transmitters operating in the wideband segment must be 1.25 parts per million or better when AFC is locked to a base station, and 5 parts per million or better when AFC is not locked

#### 3.2.2 TEST PROCEDURE

- a. Device is placed at the oven room. The oven room could control the temperatures and humidity. Power warm up is at least 15 min and power applied should perform before recording frequency error.
- b. EUT is connected the external power supply to control the DC input power. The test voltage range is from minimum to maximum working voltage. Each step shall be record the frequency error rate.
- c. The temperature range step is 10 degrees in this test items. All temperature levels shall be hold the  $\pm 0.5^{\circ}\text{C}$  during the measurement testing. The each temperature step shall be at least 0.5 hours, consider the EUT could be test under the stability condition.

**NOTE:** The frequency error was recorded frequency error from the communication simulator.

#### 3.2.3 TEST SETUP





Test Report No.: W7L-240618W002RF10

### 3.2.4 TEST RESULTS

Please Refer to Appendix Of this test report.

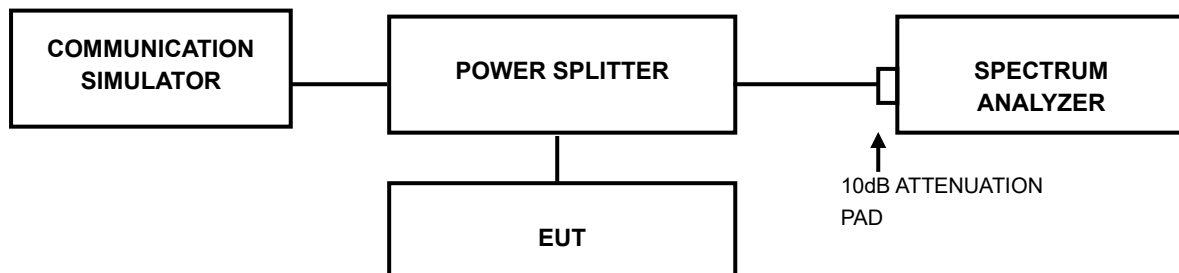
Note: LV = Low voltage (3.7V); NV = Normal voltage (3.91V); HV= High voltage (4.3V).  
NT = Normal temperature (25°C)

### 3.3 OCCUPIED BANDWIDTH MEASUREMENT

#### 3.3.1 LIMITS OF OCCUPIED BANDWIDTH MEASUREMENT

The width of a frequency band such that, below the lower and above the upper frequency limits, the mean powers emitted are each equal to a specified percentage 0.5 %of the total mean power of a given emission.

#### 3.3.2 TEST SETUP



#### 3.3.3 TEST PROCEDURES

- The conducted occupied bandwidth used the power splitter via EUT RF power connector between simulation base station and spectrum analyzer.
- Use OBW measurement function of Spectrum analyzer to measure 99 % occupied bandwidth.



Test Report No.: W7L-240618W002RF10

### 3.3.4 TEST RESULTS

Please Refer to Appendix Of this test report.



### 3.4 EMISSION MASK MEASUREMENT

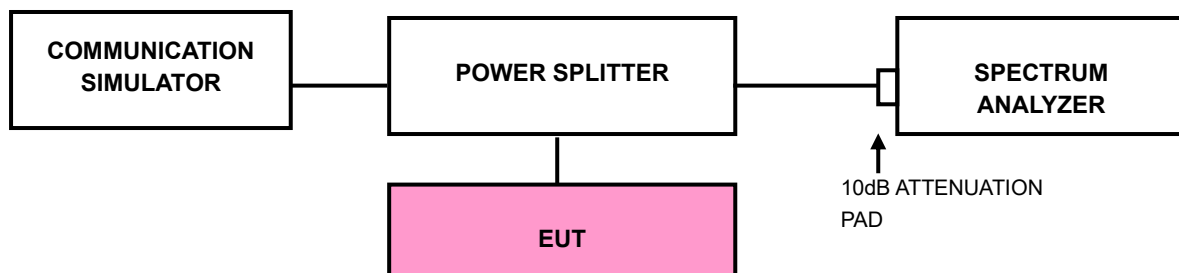
#### 3.4.1 LIMITS OF EMISSION MASK MEASUREMENT

LTE Band26:

According to FCC part 90.691 shall be tested the emission mask. For any frequency removed from the EA licensee's frequency block by up to and including 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least  $116 \text{ Log}_{10}(f/6.1)$  decibels or  $50 + 10 \text{ Log}_{10}(P)$  decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 12.5 kHz.

For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least  $43 + 10 \text{ Log}_{10}(P)$  decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz.

#### 3.4.2 TEST SETUP





Test Report No.: W7L-240618W002RF10

### 3.4.3 TEST PROCEDURES

- a) Connect the transmitter to the spectrum analyzer via coaxial cable while ensuring proper impedance matching.
- b) Tune the analyzer to the nominal center frequency of the emission bandwidth (EBW).
- c) Set the resolution bandwidth (RBW)  $\geq 1\%$  EBW in the 1MHz band immediately outside and adjacent to the band edge.
- d) Beyond the 1MHz band from the band edge, RBW=1MHz was used.
- e) Set the video bandwidth (VBW) to  $\geq 3 \times$  RBW.
- f) Select the average power (RMS) display detector.
- g) Set the number of measurement points to  $\geq 1001$ .
- h) Use auto-coupled sweep time.
- i) Perform the measurement over an interval of time when the transmission is continuous and at its maximum power level.
- j) The RF fundamental frequency should be excluded against the limit line in the operating frequency band and use RBW is 10KHz or 100KHz.
- k) Record the max trace plot into the test report.



Test Report No.: W7L-240618W002RF10

### 3.4.4 TEST RESULTS

Please Refer to Appendix Of this test report.

### 3.5 CONDUCTED SPURIOUS EMISSIONS

#### 3.5.1 LIMITS OF CONDUCTED SPURIOUS EMISSIONS MEASUREMENT

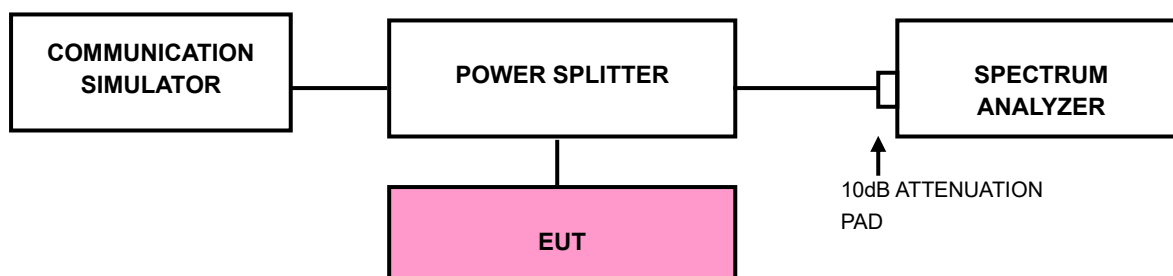
47 CFR 90.691(a)(2)

or any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least  $43 + 10\text{Log}_{10}(P)$  decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz.

#### 3.5.2 TEST PROCEDURE

- a. The EUT makes a phone call to the communication simulator. All measurements were done at middle operational frequency range.
- b. Measuring frequency range is from 9kHz up to a frequency including its 10<sup>th</sup> harmonic. 10dB attenuation pad is connected with spectrum. RBW=1MHz and VBW=3MHz is used for conducted emission measurement.

#### 3.5.3 TEST SETUP





Test Report No.: W7L-240618W002RF10

### 3.5.4 TEST RESULTS

NOTE : The 9K~30MHz amplitude of spurious emissions attenuated more than 20 dB below the permissible value is not required in the report.

Please Refer to Appendix Of this test report.



### 3.6 RADIATED EMISSION MEASUREMENT

#### 3.6.1 LIMITS OF RADIATED EMISSION MEASUREMENT

47 CFR 90.691(a)(2)

or any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least  $43 + 10\text{Log}_{10}(P)$  decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz.

#### 3.6.2 TEST PROCEDURES

- a. Substitution method is used for E.I.R.P measurement. In the semi-anechoic chamber, EUT placed on the 0.8m height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power. The "Read Value" is the spectrum reading the maximum power value.
- b. The substitution horn antenna is substituted for EUT at the same position and signals generator export the CW signal to the substitution antenna via a TX cable. Rotated the Turn Table and moved receiving antenna to find the maximum radiation power. Adjust output power level of S.G to get a Value of spectrum reading equal to "Read Value" of step a. Record the power level of S.G
- c.  $\text{EIRP} = \text{Output power level of S.G} - \text{TX cable loss} + \text{Antenna gain of substitution horn.}$
- d. E.R.P power can be calculated form E.I.R.P power by subtracting the gain of dipole,  $\text{E.R.P power} = \text{E.I.R.P power} - 2.15\text{dBi.}$

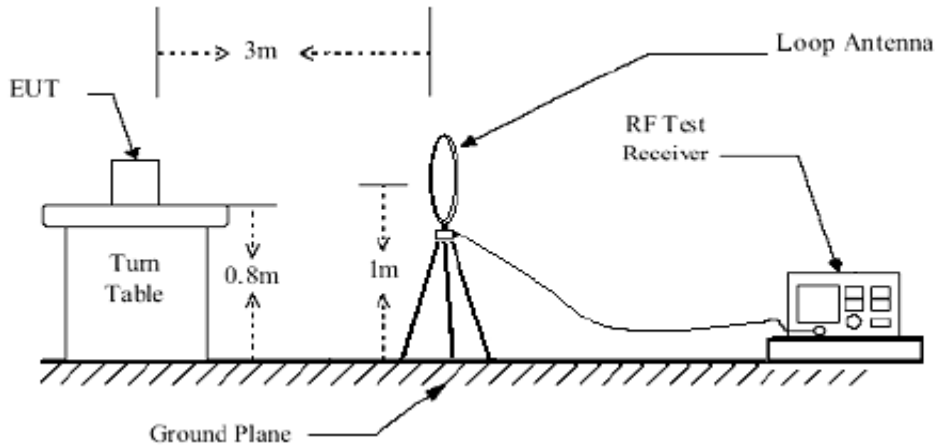
**NOTE:** The resolution bandwidth of spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz.

#### 3.6.3 DEVIATION FROM TEST STANDARD

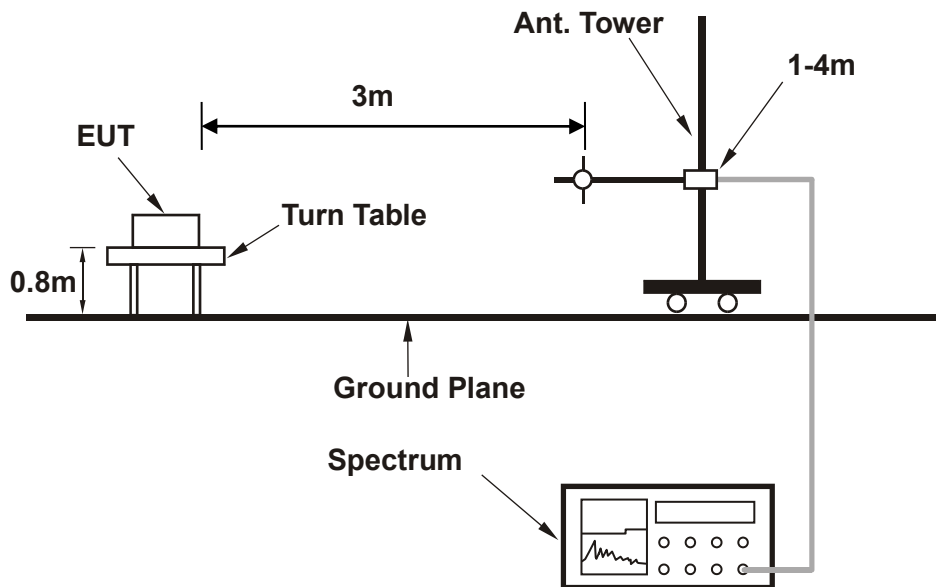
No deviation

### 3.6.4 TEST SETUP

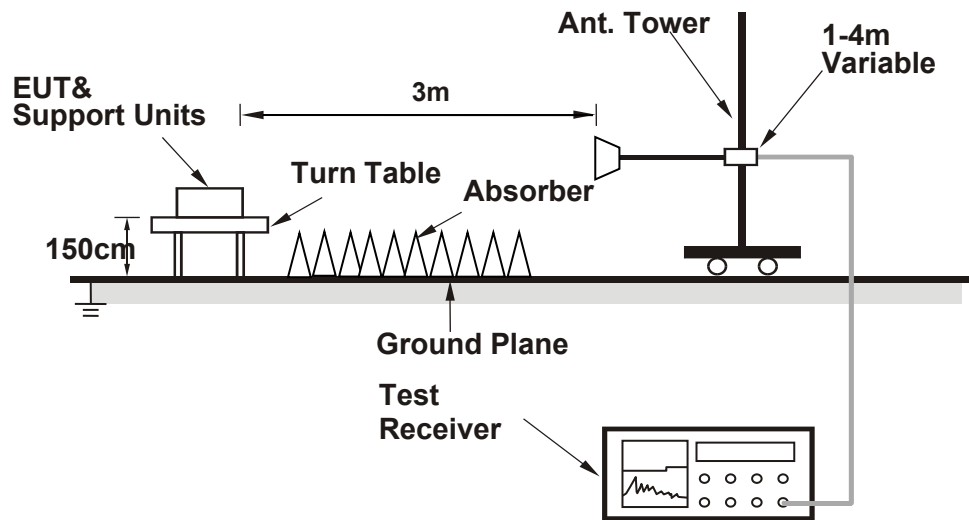
#### <Below 30MHz>



#### < Frequency Range 30MHz~1GHz >



< Frequency Range above 1GHz >



For the actual test configuration, please refer to the attached file (Test Setup Photo).





Test Report No.: W7L-240618W002RF10

### 3.6.5 TEST RESULTS

NOTE : The 9K~30MHz amplitude of spurious emissions attenuated more than 20 dB below the permissible value is not required in the report.

#### BELOW 1GHz WORST-CASE DATA

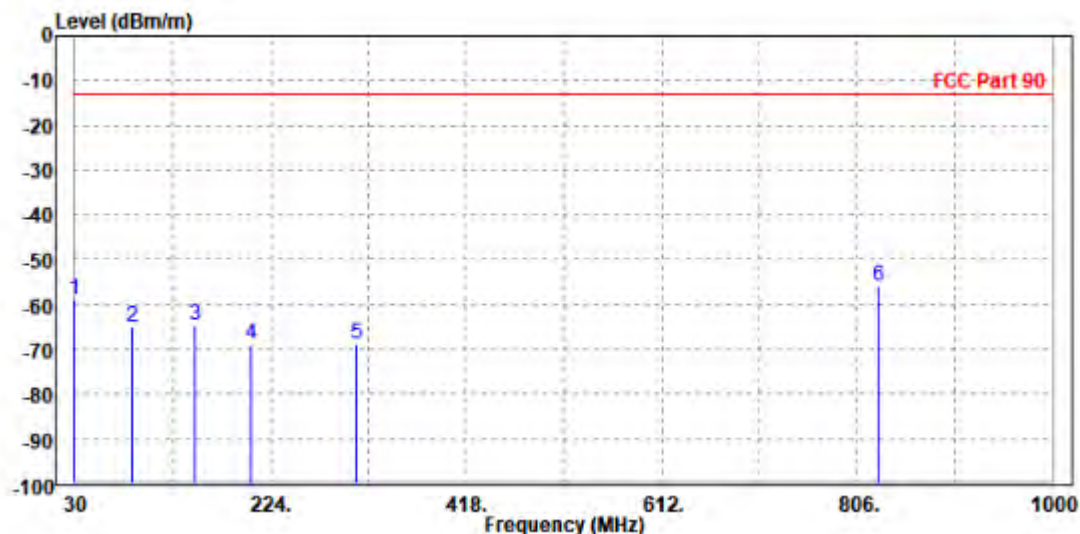
30 MHz – 1GHz data:

LTE Band 26 (ANT1) (DOWN):

CHANNEL BANDWIDTH: 1.4MHz / QPSK

|  |                  |                 |               |
|--|------------------|-----------------|---------------|
| MODE   | TX channel 26740 | FREQUENCY RANGE | Below 1000MHz |
| ENVIRONMENTAL CONDITIONS                                       | 23deg. C, 70%RH  | INPUT POWER     | AC 120V/60HZ  |
| TESTED BY  | Jace HU          |                 |               |
| <b>ANTENNA POLARITY &amp; TEST DISTANCE: HORIZONTAL AT 3 M</b> |                  |                 |               |

|      | Freq    | Level  | Read Level | Limit Line | Over Limit | Factor | Remark | Pol/Phase  |
|------|---------|--------|------------|------------|------------|--------|--------|------------|
|      | MHz     | dBm/m  | dBm        | dBm/m      | dB         | dB/m   |        |            |
| 1    | 30.000  | -58.86 | -56.88     | -13.00     | -45.86     | -1.98  | Peak   | Horizontal |
| 2    | 87.230  | -64.94 | -52.22     | -13.00     | -51.94     | -12.72 | Peak   | Horizontal |
| 3    | 148.340 | -64.81 | -50.39     | -13.00     | -51.81     | -14.42 | Peak   | Horizontal |
| 4    | 204.600 | -68.94 | -53.96     | -13.00     | -55.94     | -14.98 | Peak   | Horizontal |
| 5    | 309.360 | -68.90 | -60.28     | -13.00     | -55.90     | -8.62  | Peak   | Horizontal |
| 6 PP | 826.370 | -55.96 | -59.93     | -13.00     | -42.96     | 3.97   | Peak   | Horizontal |

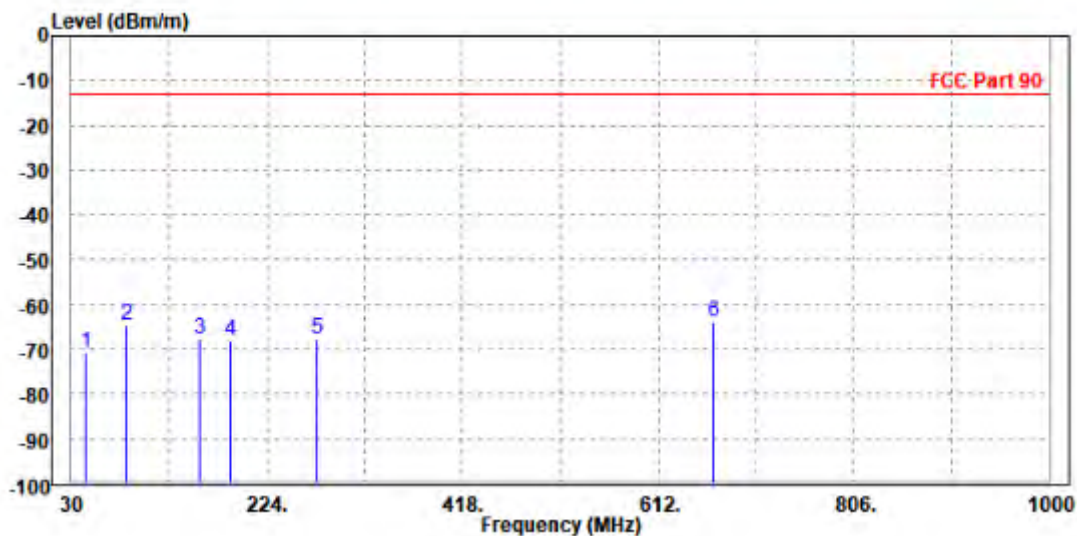




Test Report No.: W7L-240618W002RF10

|  |                  |                        |               |
|--|------------------|------------------------|---------------|
| <b>MODE</b>  | TX channel 26740 | <b>FREQUENCY RANGE</b> | Below 1000MHz |
| <b>ENVIRONMENTAL CONDITIONS</b>                              | 23deg. C, 70%RH  | <b>INPUT POWER</b>     | AC 120V/60HZ  |
| <b>TESTED BY</b>   | Jace HU          |                        |               |
| <b>ANTENNA POLARITY &amp; TEST DISTANCE: VERTICAL AT 3 M</b> |                  |                        |               |

|      | Freq    | Level  | Read Level | Limit Line | Over Limit | Factor | Remark | Pol/Phase |
|------|---------|--------|------------|------------|------------|--------|--------|-----------|
|      | MHz     | dBm/m  | dBm        | dBm/m      | dB         | dB/m   |        |           |
| 1    | 44.550  | -70.88 | -50.53     | -13.00     | -57.88     | -20.35 | Peak   | Vertical  |
| 2    | 84.320  | -64.65 | -46.37     | -13.00     | -51.65     | -18.28 | Peak   | Vertical  |
| 3    | 157.070 | -67.85 | -56.61     | -13.00     | -54.85     | -11.24 | Peak   | Vertical  |
| 4    | 187.140 | -67.90 | -60.26     | -13.00     | -54.90     | -7.64  | Peak   | Vertical  |
| 5    | 273.470 | -67.81 | -64.22     | -13.00     | -54.81     | -3.59  | Peak   | Vertical  |
| 6 PP | 667.290 | -63.94 | -63.66     | -13.00     | -50.94     | -0.28  | Peak   | Vertical  |





BUREAU VERITAS

Test Report No.: W7L-240618W002RF10

ABOVE 1GHz

Note: For higher frequency, the emission is too low to be detected.

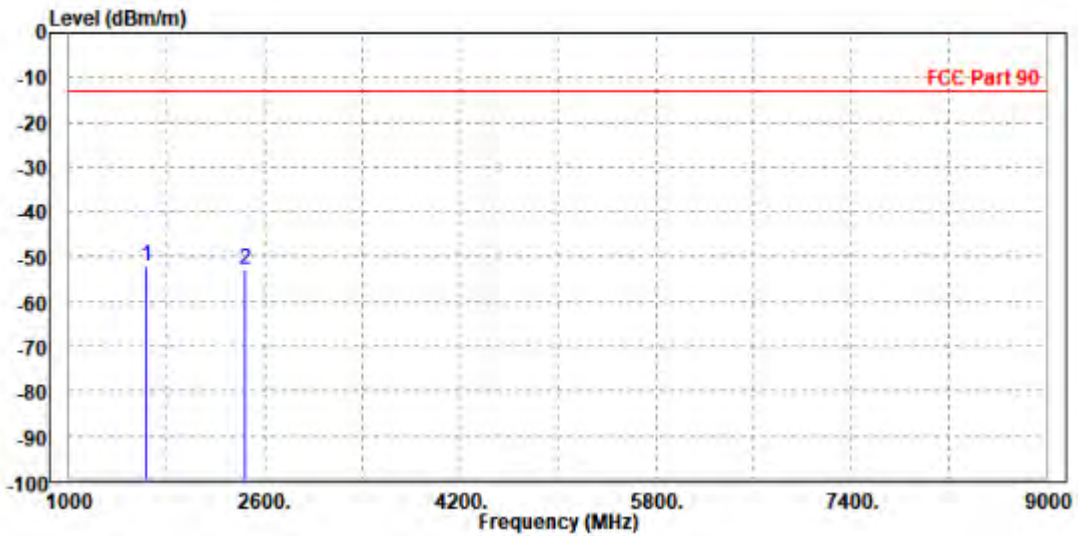
LTE BAND 26(ANT1) (DOWN):

CHANNEL BANDWIDTH: 1.4MHz / QPSK

CH26697

|  |                  |                 |               |
|--|------------------|-----------------|---------------|
| MODE   | TX channel 26697 | FREQUENCY RANGE | Above 1000MHz |
| ENVIRONMENTAL CONDITIONS                                       | 23deg. C, 70%RH  | INPUT POWER     | AC 120V/60HZ  |
| TESTED BY  | Jace Hu          |                 |               |
| <b>ANTENNA POLARITY &amp; TEST DISTANCE: HORIZONTAL AT 3 M</b> |                  |                 |               |

|   | Freq        | Level  | Read Level | Limit Line | Over Limit | Factor | Remark | Pol/Phase  |
|---|-------------|--------|------------|------------|------------|--------|--------|------------|
|   | MHz         | dBm/m  | dBm        | dBm/m      | dB         | dB/m   |        |            |
| 1 | PP 1632.000 | -52.21 | -55.82     | -13.00     | -39.21     | 3.61   | Peak   | Horizontal |
| 2 | 2440.000    | -52.98 | -58.92     | -13.00     | -39.98     | 5.94   | Peak   | Horizontal |

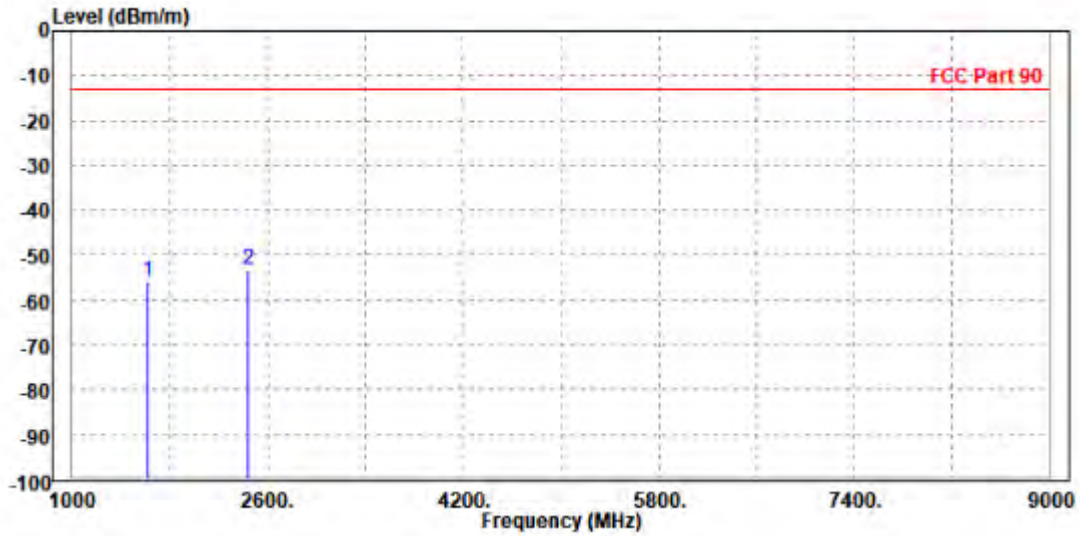




Test Report No.: W7L-240618W002RF10

|  |                  |                 |               |
|--|------------------|-----------------|---------------|
| MODE   | TX channel 26697 | FREQUENCY RANGE | Above 1000MHz |
| ENVIRONMENTAL CONDITIONS                                     | 23deg. C, 70%RH  | INPUT POWER     | AC 120V/60HZ  |
| TESTED BY  | Jace Hu          |                 |               |
| <b>ANTENNA POLARITY &amp; TEST DISTANCE: VERTICAL AT 3 M</b> |                  |                 |               |

|      | Freq     | Level  | Read Level | Limit Line | Over Limit | Factor | Remark | Pol/Phase |
|------|----------|--------|------------|------------|------------|--------|--------|-----------|
|      | MHz      | dBm/m  | dBm        | dBm/m      | dB         | dB/m   |        |           |
| 1    | 1624.000 | -56.01 | -59.36     | -13.00     | -43.01     | 3.35   | Peak   | Vertical  |
| 2 PP | 2442.000 | -53.39 | -58.96     | -13.00     | -40.39     | 5.57   | Peak   | Vertical  |





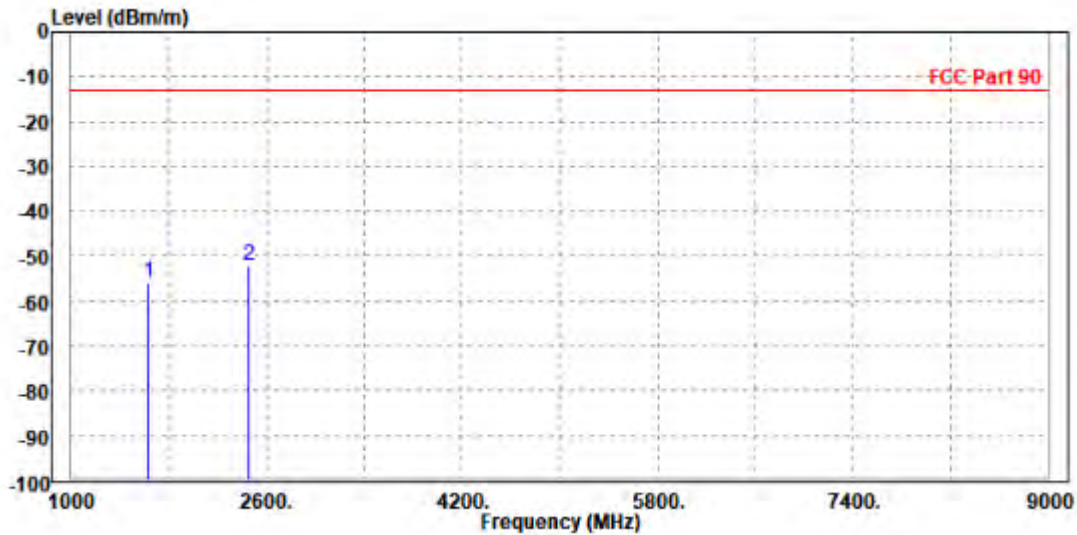
**BUREAU  
VERITAS**

Test Report No.: W7L-240618W002RF10

CH26740

|  |                  |                        |               |
|--|------------------|------------------------|---------------|
| <b>MODE</b>  | TX channel 26740 | <b>FREQUENCY RANGE</b> | Above 1000MHz |
| <b>ENVIRONMENTAL CONDITIONS</b>                                | 23deg. C, 70%RH  | <b>INPUT POWER</b>     | AC 120V/60HZ  |
| <b>TESTED BY</b>   | Jace Hu          |                        |               |
| <b>ANTENNA POLARITY &amp; TEST DISTANCE: HORIZONTAL AT 3 M</b> |                  |                        |               |

|      | Freq     | Level  | Read Level | Limit Line | Over Limit | Factor | Remark | Pol/Phase  |
|------|----------|--------|------------|------------|------------|--------|--------|------------|
|      | MHz      | dBm/m  | dBm        | dBm/m      | dB         | dB/m   |        |            |
| 1    | 1640.000 | -55.78 | -59.41     | -13.00     | -42.78     | 3.63   | Peak   | Horizontal |
| 2 PP | 2457.000 | -52.15 | -58.13     | -13.00     | -39.15     | 5.98   | Peak   | Horizontal |



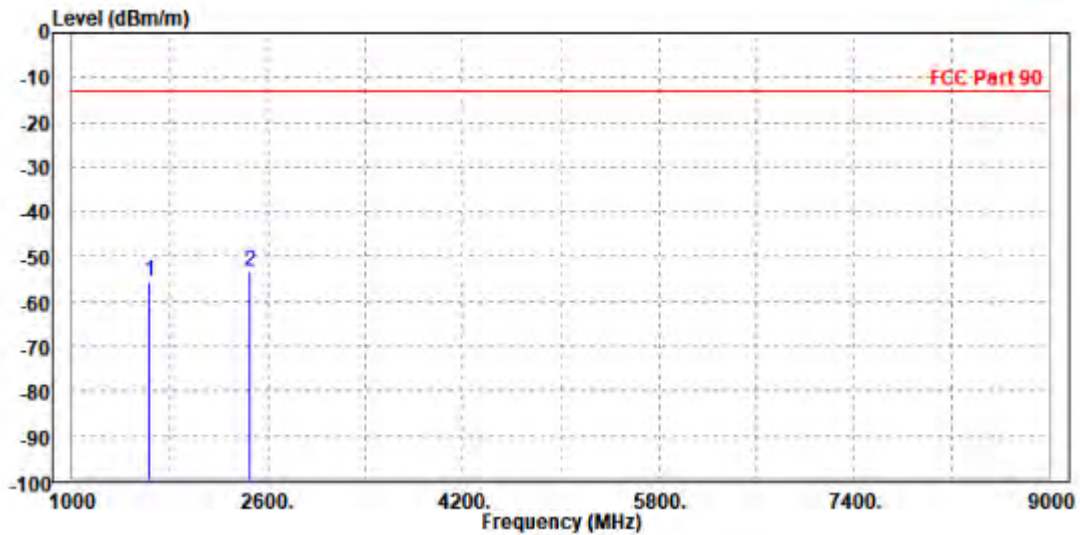




Test Report No.: W7L-240618W002RF10

|  |                  |                        |               |
|--|------------------|------------------------|---------------|
| <b>MODE</b>  | TX channel 26740 | <b>FREQUENCY RANGE</b> | Above 1000MHz |
| <b>ENVIRONMENTAL CONDITIONS</b>                              | 23deg. C, 70%RH  | <b>INPUT POWER</b>     | AC 120V/60HZ  |
| <b>TESTED BY</b>   | Jace Hu          |                        |               |
| <b>ANTENNA POLARITY &amp; TEST DISTANCE: VERTICAL AT 3 M</b> |                  |                        |               |

|      | Freq     | Level  | Read Level | Limit Line | Over Limit | Factor | Remark | Pol/Phase |
|------|----------|--------|------------|------------|------------|--------|--------|-----------|
|      | MHz      | dBm/m  | dBm        | dBm/m      | dB         | dB/m   |        |           |
| 1    | 1638.000 | -55.55 | -58.92     | -13.00     | -42.55     | 3.37   | Peak   | Vertical  |
| 2 PP | 2456.000 | -53.15 | -58.77     | -13.00     | -40.15     | 5.62   | Peak   | Vertical  |





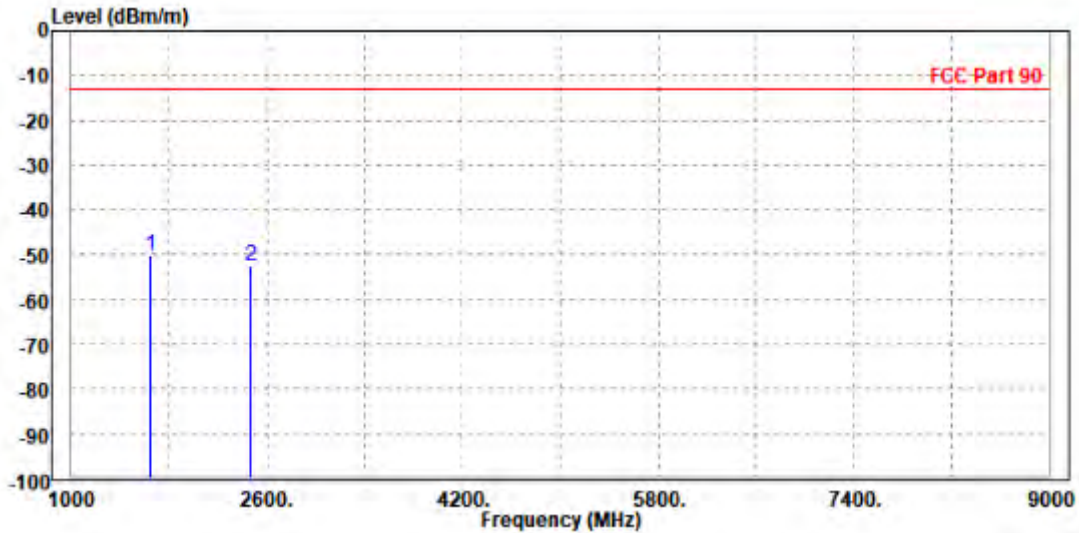
**BUREAU  
VERITAS**

Test Report No.: W7L-240618W002RF10

CH26783

|  |                  |                        |               |
|--|------------------|------------------------|---------------|
| <b>MODE</b>  | TX channel 26783 | <b>FREQUENCY RANGE</b> | Above 1000MHz |
| <b>ENVIRONMENTAL CONDITIONS</b>                                | 23deg. C, 70%RH  | <b>INPUT POWER</b>     | AC 120V/60HZ  |
| <b>TESTED BY</b>   | Jace Hu          |                        |               |
| <b>ANTENNA POLARITY &amp; TEST DISTANCE: HORIZONTAL AT 3 M</b> |                  |                        |               |

|   | Freq        | Level  | Read Level | Limit Line | Over Limit | Factor | Remark | Pol/Phase  |
|---|-------------|--------|------------|------------|------------|--------|--------|------------|
|   | MHz         | dBm/m  | dBm        | dBm/m      | dB         | dB/m   |        |            |
| 1 | PP 1648.000 | -50.36 | -54.02     | -13.00     | -37.36     | 3.66   | Peak   | Horizontal |
| 2 | 2469.000    | -52.35 | -58.37     | -13.00     | -39.35     | 6.02   | Peak   | Horizontal |

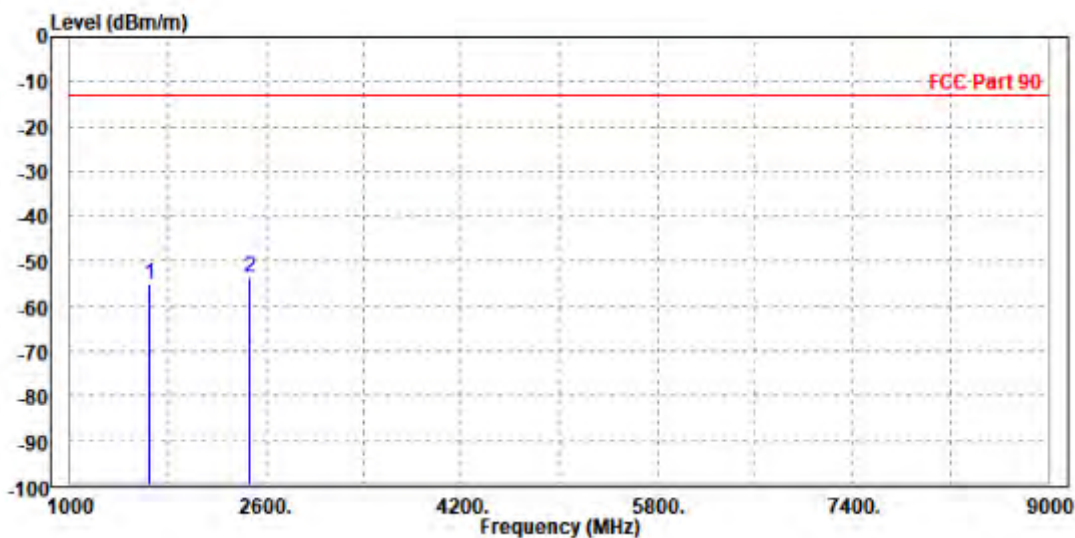




Test Report No.: W7L-240618W002RF10

|  |                  |                        |               |
|--|------------------|------------------------|---------------|
| <b>MODE</b>  | TX channel 26783 | <b>FREQUENCY RANGE</b> | Above 1000MHz |
| <b>ENVIRONMENTAL CONDITIONS</b>                              | 23deg. C, 70%RH  | <b>INPUT POWER</b>     | AC 120V/60HZ  |
| <b>TESTED BY</b>   | Jace Hu          |                        |               |
| <b>ANTENNA POLARITY &amp; TEST DISTANCE: VERTICAL AT 3 M</b> |                  |                        |               |

|      | Freq     | Level  | Read Level | Limit Line | Over Limit | Factor | Remark | Pol/Phase |
|------|----------|--------|------------|------------|------------|--------|--------|-----------|
|      | MHz      | dBm/m  | dBm        | dBm/m      | dB         | dB/m   |        |           |
| 1    | 1646.000 | -54.96 | -58.34     | -13.00     | -41.96     | 3.38   | Peak   | Vertical  |
| 2 PP | 2469.000 | -53.68 | -59.35     | -13.00     | -40.68     | 5.67   | Peak   | Vertical  |







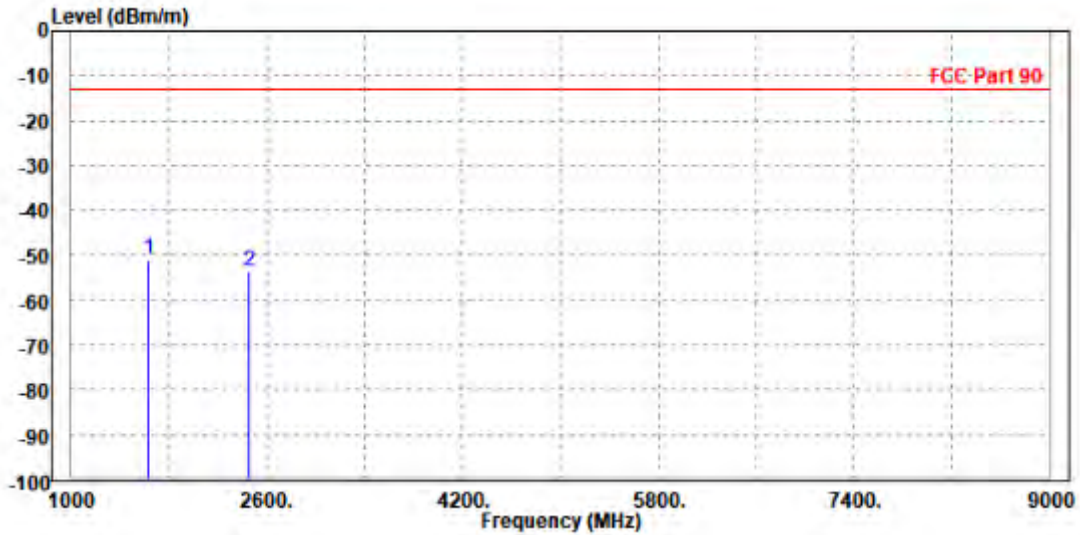
BUREAU VERITAS

Test Report No.: W7L-240618W002RF10

CHANNEL BANDWIDTH: 3MHz / QPSK

|   |                  |                 |               |
|---|------------------|-----------------|---------------|
| MODE  | TX channel 26740 | FREQUENCY RANGE | Above 1000MHz |
| ENVIRONMENTAL CONDITIONS                            | 23deg. C, 70%RH  | INPUT POWER     | AC 120V/60HZ  |
| TESTED BY   | Jace Hu          |                 |               |
| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M |                  |                 |               |

|   | Freq        | Level  | Read Level | Limit Line | Over Limit | Factor | Remark | Pol/Phase  |
|---|-------------|--------|------------|------------|------------|--------|--------|------------|
|   | MHz         | dBm/m  | dBm        | dBm/m      | dB         | dB/m   |        |            |
| 1 | PP 1638.000 | -50.99 | -54.62     | -13.00     | -37.99     | 3.63   | Peak   | Horizontal |
| 2 | 2456.000    | -53.67 | -59.65     | -13.00     | -40.67     | 5.98   | Peak   | Horizontal |

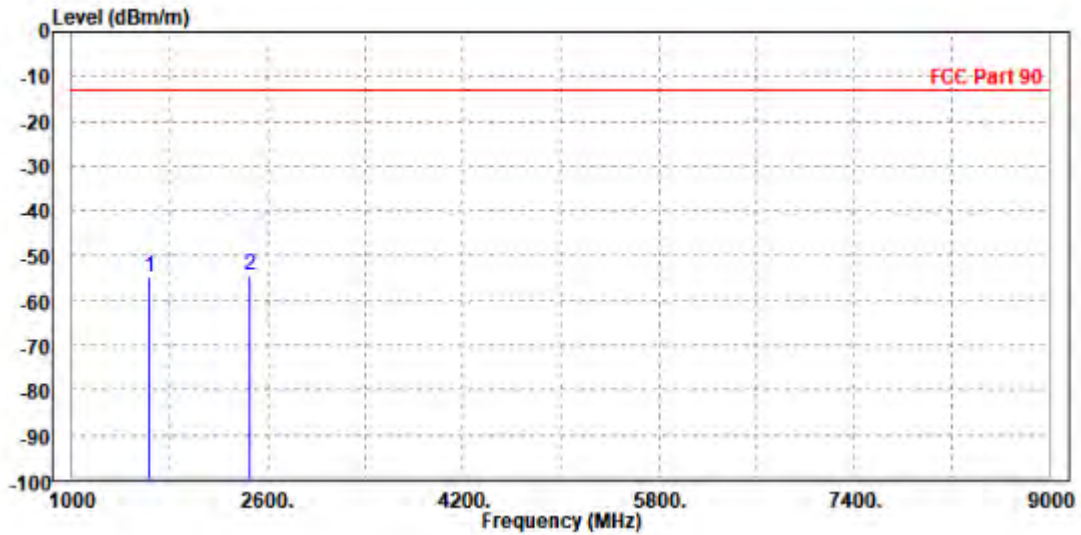




Test Report No.: W7L-240618W002RF10

|  |                  |                        |               |
|--|------------------|------------------------|---------------|
| <b>MODE</b>  | TX channel 26740 | <b>FREQUENCY RANGE</b> | Above 1000MHz |
| <b>ENVIRONMENTAL CONDITIONS</b>                              | 23deg. C, 70%RH  | <b>INPUT POWER</b>     | AC 120V/60HZ  |
| <b>TESTED BY</b>   | Jace Hu          |                        |               |
| <b>ANTENNA POLARITY &amp; TEST DISTANCE: VERTICAL AT 3 M</b> |                  |                        |               |

|      | Freq     | Level  | Read Level | Limit Line | Over Limit | Factor | Remark | Pol/Phase |
|------|----------|--------|------------|------------|------------|--------|--------|-----------|
|      | MHz      | dBm/m  | dBm        | dBm/m      | dB         | dB/m   |        |           |
| 1    | 1640.000 | -54.73 | -58.10     | -13.00     | -41.73     | 3.37   | Peak   | Vertical  |
| 2 PP | 2457.000 | -54.21 | -59.84     | -13.00     | -41.21     | 5.63   | Peak   | Vertical  |





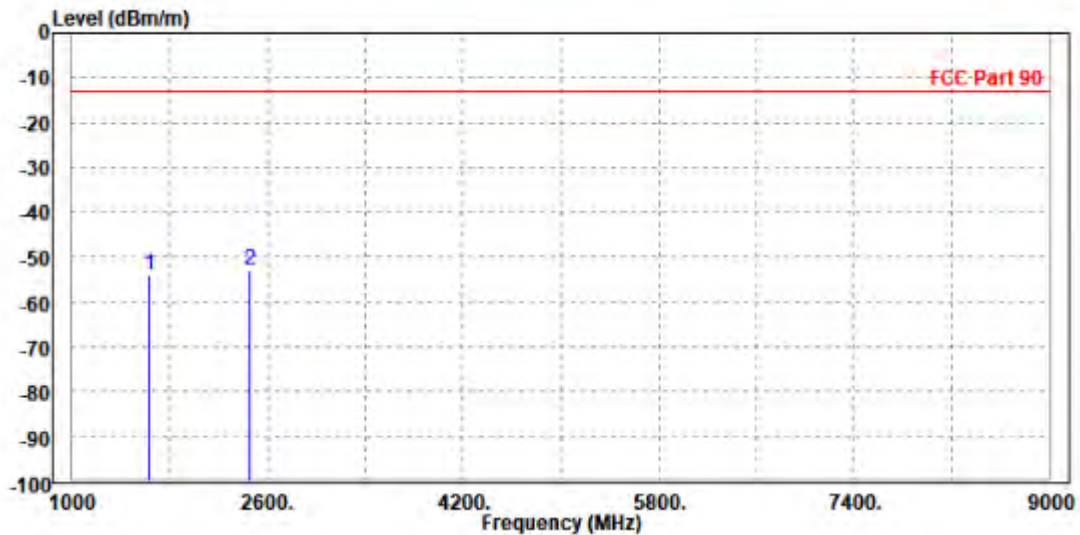
BUREAU  
VERITAS

Test Report No.: W7L-240618W002RF10

CHANNEL BANDWIDTH: 5MHz / QPSK

|  |                  |                 |               |
|--|------------------|-----------------|---------------|
| MODE   | TX channel 26740 | FREQUENCY RANGE | Above 1000MHz |
| ENVIRONMENTAL CONDITIONS                                       | 23deg. C, 70%RH  | INPUT POWER     | AC 120V/60HZ  |
| TESTED BY  | Jace Hu          |                 |               |
| <b>ANTENNA POLARITY &amp; TEST DISTANCE: HORIZONTAL AT 3 M</b> |                  |                 |               |

|      | Freq     | Level  | Read Level | Limit Line | Over Limit | Factor | Remark | Pol/Phase  |
|------|----------|--------|------------|------------|------------|--------|--------|------------|
|      | MHz      | dBm/m  | dBm        | dBm/m      | dB         | dB/m   |        |            |
| 1    | 1640.000 | -53.81 | -57.44     | -13.00     | -40.81     | 3.63   | Peak   | Horizontal |
| 2 PP | 2457.000 | -52.91 | -58.89     | -13.00     | -39.91     | 5.98   | Peak   | Horizontal |

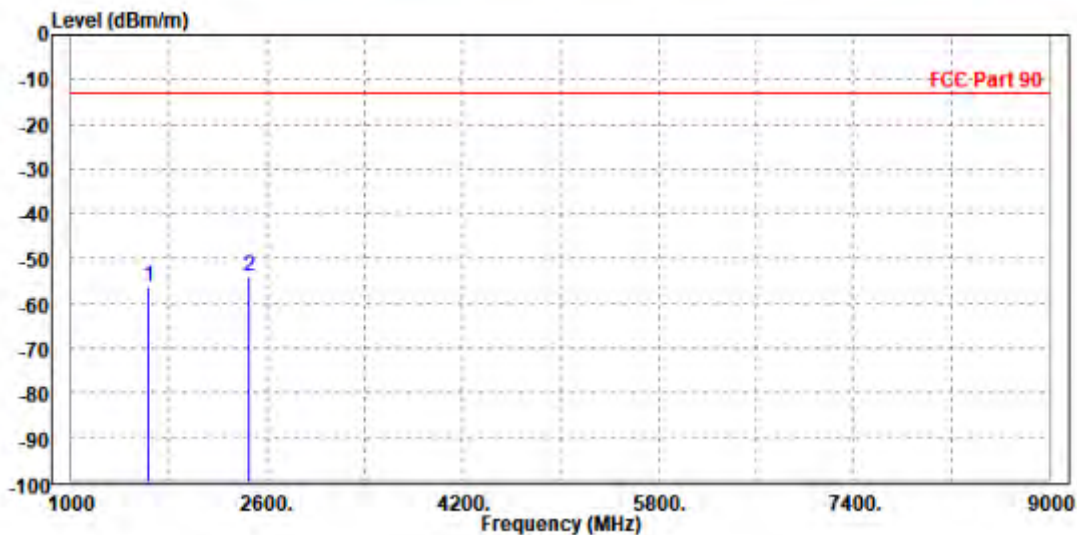




Test Report No.: W7L-240618W002RF10

|  |                  |                 |               |
|--|------------------|-----------------|---------------|
| MODE   | TX channel 26740 | FREQUENCY RANGE | Above 1000MHz |
| ENVIRONMENTAL CONDITIONS                                     | 23deg. C, 70%RH  | INPUT POWER     | AC 120V/60HZ  |
| TESTED BY  | Jace Hu          |                 |               |
| <b>ANTENNA POLARITY &amp; TEST DISTANCE: VERTICAL AT 3 M</b> |                  |                 |               |

|      | Freq     | Level  | Read Level | Limit Line | Over Limit | Factor | Remark | Pol/Phase |
|------|----------|--------|------------|------------|------------|--------|--------|-----------|
|      | MHz      | dBm/m  | dBm        | dBm/m      | dB         | dB/m   |        |           |
| 1    | 1638.000 | -56.11 | -59.48     | -13.00     | -43.11     | 3.37   | Peak   | Vertical  |
| 2 PP | 2456.000 | -54.05 | -59.67     | -13.00     | -41.05     | 5.62   | Peak   | Vertical  |





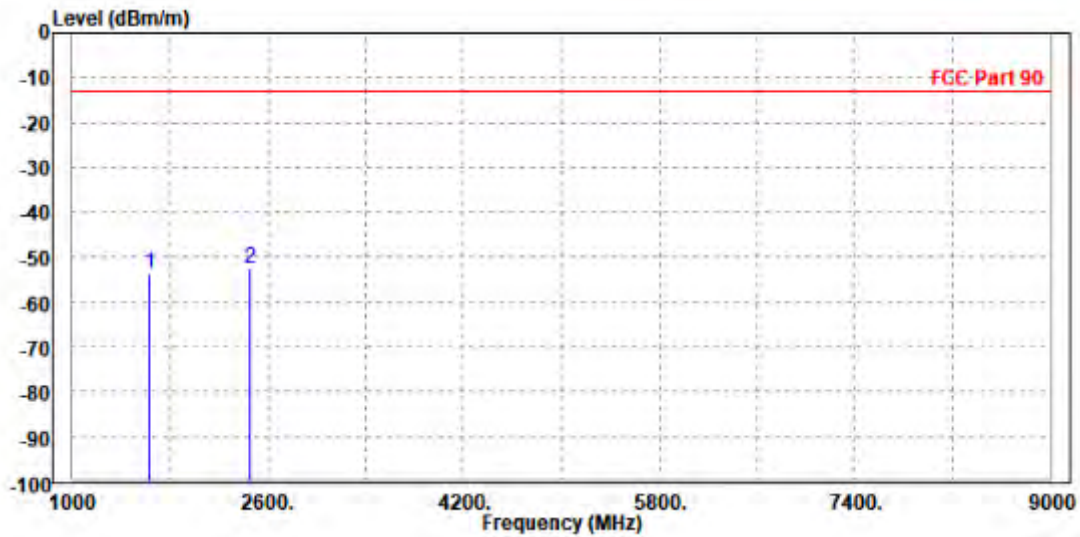
**BUREAU  
VERITAS**

Test Report No.: W7L-240618W002RF10

CHANNEL BANDWIDTH: 10MHz / QPSK

|  |                  |                        |               |
|--|------------------|------------------------|---------------|
| <b>MODE</b>  | TX channel 26740 | <b>FREQUENCY RANGE</b> | Above 1000MHz |
| <b>ENVIRONMENTAL CONDITIONS</b>                                | 23deg. C, 70%RH  | <b>INPUT POWER</b>     | AC 120V/60HZ  |
| <b>TESTED BY</b>   | Jace Hu          |                        |               |
| <b>ANTENNA POLARITY &amp; TEST DISTANCE: HORIZONTAL AT 3 M</b> |                  |                        |               |

|   | Freq        | Level  | Read Level | Limit Line | Over Limit | Factor | Remark | Pol/Phase  |
|---|-------------|--------|------------|------------|------------|--------|--------|------------|
|   | MHz         | dBm/m  | dBm        | dBm/m      | dB         | dB/m   |        |            |
| 1 | 1638.000    | -53.61 | -57.24     | -13.00     | -40.61     | 3.63   | Peak   | Horizontal |
| 2 | PP 2456.000 | -52.57 | -58.55     | -13.00     | -39.57     | 5.98   | Peak   | Horizontal |



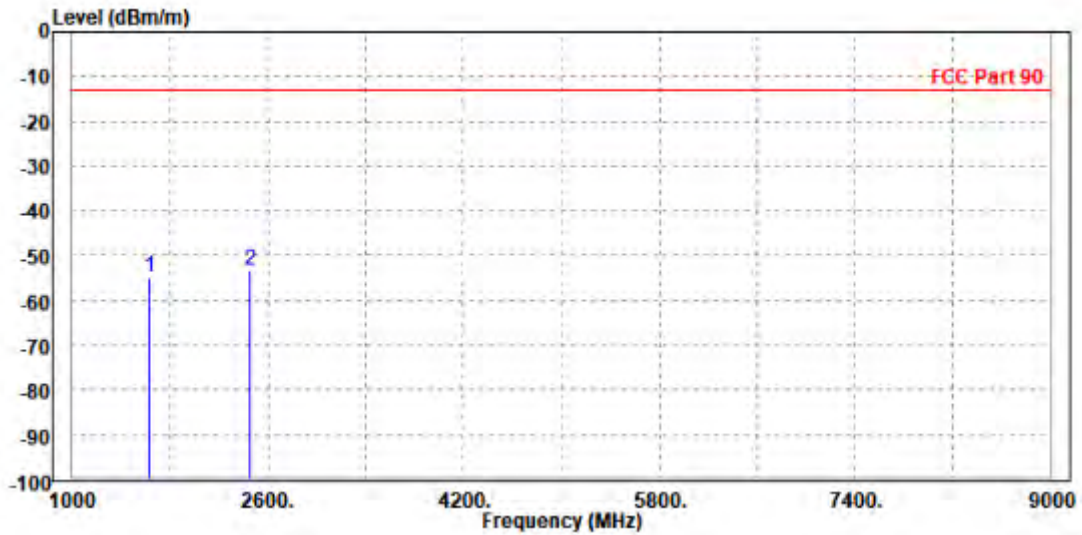




Test Report No.: W7L-240618W002RF10

|  |                  |                 |               |
|--|------------------|-----------------|---------------|
| MODE   | TX channel 26740 | FREQUENCY RANGE | Above 1000MHz |
| ENVIRONMENTAL CONDITIONS                                     | 23deg. C, 70%RH  | INPUT POWER     | AC 120V/60HZ  |
| TESTED BY  | Jace Hu          |                 |               |
| <b>ANTENNA POLARITY &amp; TEST DISTANCE: VERTICAL AT 3 M</b> |                  |                 |               |

|      | Freq     | Level  | Read Level | Limit Line | Over Limit | Factor | Remark | Pol/Phase |
|------|----------|--------|------------|------------|------------|--------|--------|-----------|
|      | MHz      | dBm/m  | dBm        | dBm/m      | dB         | dB/m   |        |           |
| 1    | 1640.000 | -54.87 | -58.24     | -13.00     | -41.87     | 3.37   | Peak   | Vertical  |
| 2 PP | 2457.000 | -53.42 | -59.05     | -13.00     | -40.42     | 5.63   | Peak   | Vertical  |

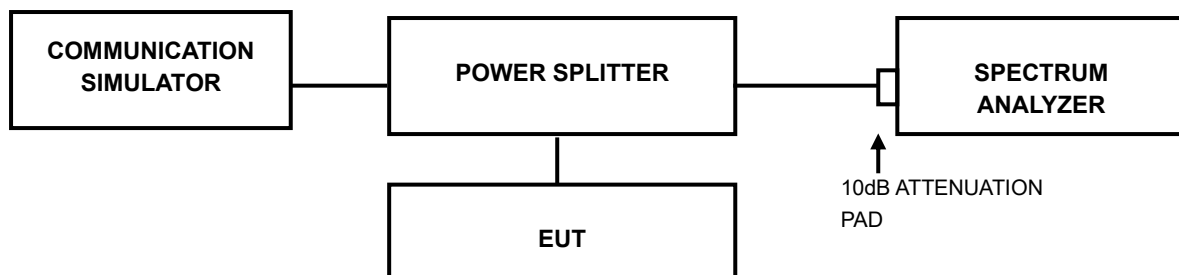


### 3.7 PEAK TO AVERAGE RATIO

#### 3.7.1 LIMITS OF PEAK TO AVERAGE RATIO MEASUREMENT

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

#### 3.7.2 TEST SETUP



#### 3.7.3 TEST PROCEDURES

1. Set resolution/measurement bandwidth  $\geq$  signal's occupied bandwidth;
2. Set the number of counts to a value that stabilizes the measured CCDF curve;
3. Record the maximum PAPR level associated with a probability of 0.1%.



Test Report No.: W7L-240618W002RF10

### 3.7.4 TEST RESULTS

Please Refer to Appendix Of this test report.





Test Report No.: W7L-240618W002RF10

## 4 INFORMATION ON THE TESTING LABORATORIES

We, BV 7LAYERS COMMUNICATIONS TECHNOLOGY (SHENZHEN) CO. LTD., were founded in 2015 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are accredited and approved according to ISO/IEC 17025.

If you have any comments, please feel free to contact us at the following:

**Shenzhen EMC/RF Lab:**

Tel: +86-755-88696566

Fax: +86-755-88696577

**Email:** [customerservice.sw@bureauveritas.com](mailto:customerservice.sw@bureauveritas.com)

**Web Site:** [www.adt.com.tw](http://www.adt.com.tw)

The address and road map of all our labs can be found in our web site also.



Test Report No.: W7L-240618W002RF10

## 5 MODIFICATIONS RECORDERS FOR ENGINEERING CHANGES TO THE EUT BY THE LAB

No modifications were made to the EUT by the lab during the test.



Test Report No.: W7L-240618W002RF10

## 6 APPENDIX

### LTE BAND 26Q

### PEAK-TO-AVERAGE RATIO(CCDF)

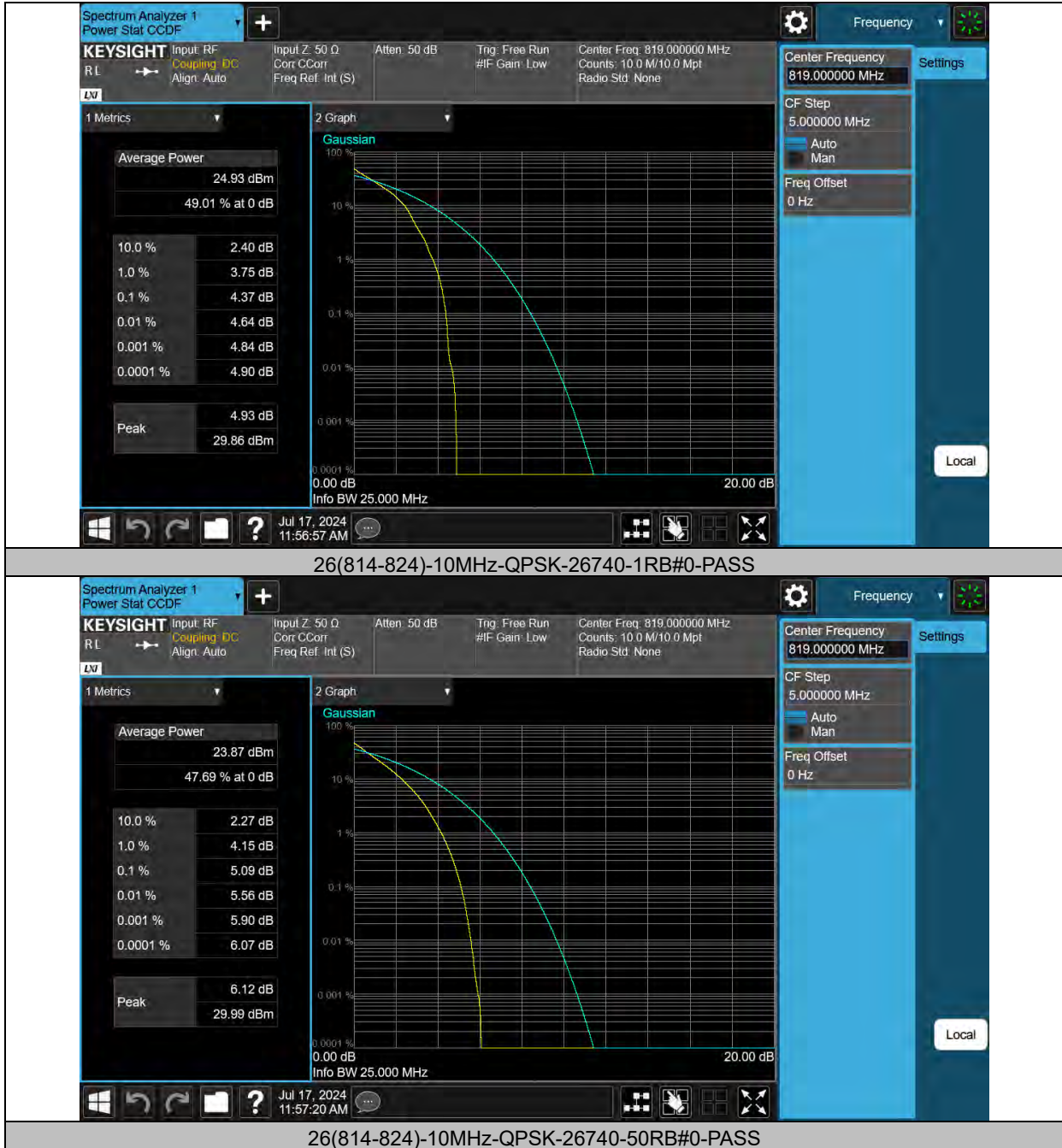
#### Test Result

| Band        | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|-------------|-----------|------------|---------|------------------|------------|-----------|---------|
| 26(814-824) | 10MHz     | QPSK       | 26740   | 1RB#0            | 4.37       | 13        | PASS    |
| 26(814-824) | 10MHz     | QPSK       | 26740   | 50RB#0           | 5.09       | 13        | PASS    |
| 26(814-824) | 10MHz     | 16QAM      | 26740   | 1RB#0            | 5.44       | 13        | PASS    |
| 26(814-824) | 10MHz     | 16QAM      | 26740   | 50RB#0           | 5.88       | 13        | PASS    |



Test Report No.: W7L-240618W002RF10

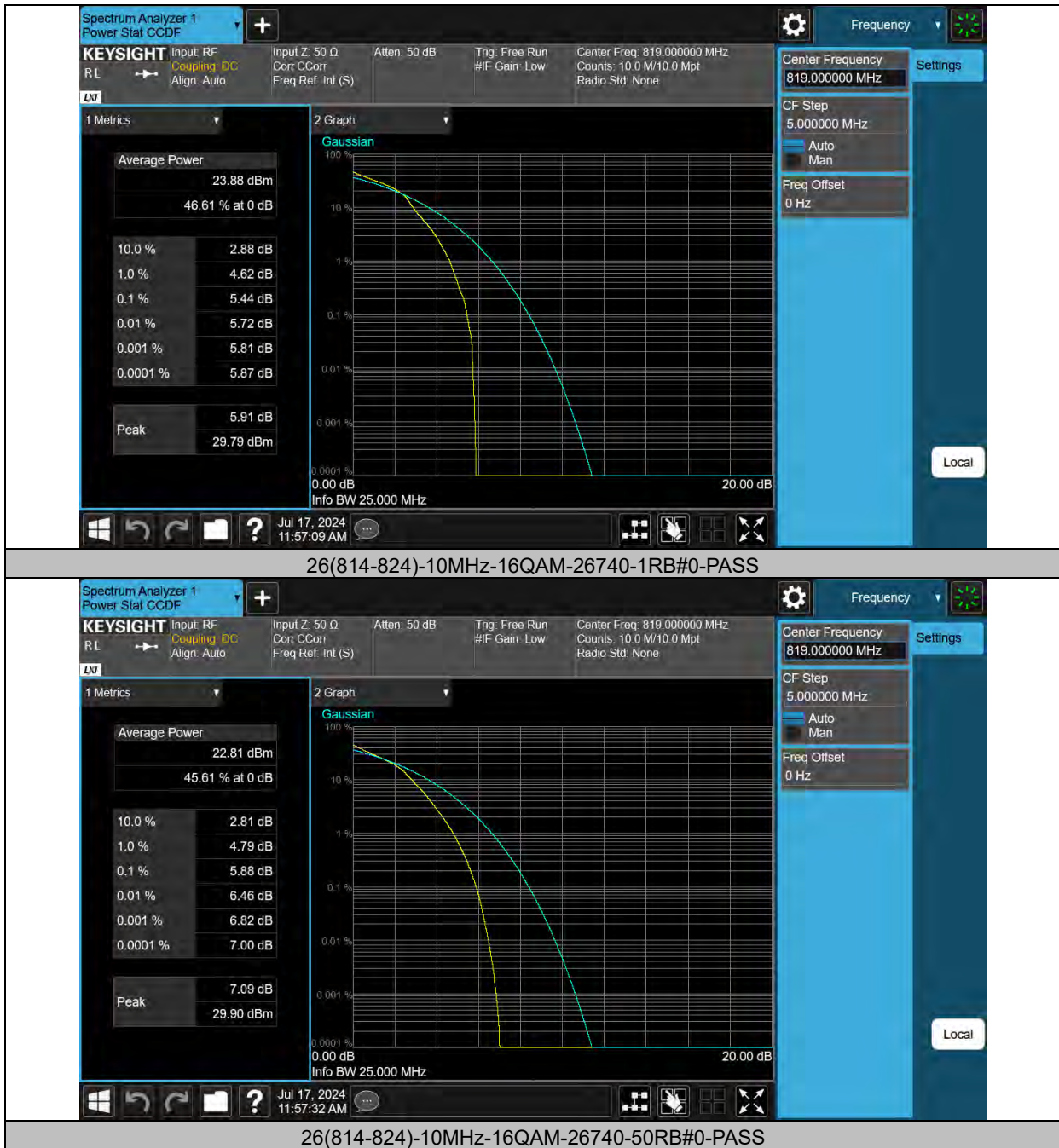
### Test Graphs





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### Test Report No.: W7L-240618W002RF10





Test Report No.: W7L-240618W002RF10

## 26DB BANDWIDTH AND OCCUPIED BANDWIDTH

### Test Result

| Band        | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|-------------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| 26(814-824) | 1.4MHz    | QPSK       | 26697   | 6RB#0            | 1.0897                   | 1.305                | PASS    |
| 26(814-824) | 1.4MHz    | QPSK       | 26740   | 6RB#0            | 1.0926                   | 1.299                | PASS    |
| 26(814-824) | 1.4MHz    | QPSK       | 26783   | 6RB#0            | 1.0911                   | 1.295                | PASS    |
| 26(814-824) | 1.4MHz    | 16QAM      | 26697   | 6RB#0            | 1.0978                   | 1.311                | PASS    |
| 26(814-824) | 1.4MHz    | 16QAM      | 26740   | 6RB#0            | 1.0965                   | 1.304                | PASS    |
| 26(814-824) | 1.4MHz    | 16QAM      | 26783   | 6RB#0            | 1.0982                   | 1.314                | PASS    |
| 26(814-824) | 3MHz      | QPSK       | 26705   | 15RB#0           | 2.6879                   | 2.933                | PASS    |
| 26(814-824) | 3MHz      | QPSK       | 26740   | 15RB#0           | 2.6874                   | 2.920                | PASS    |
| 26(814-824) | 3MHz      | QPSK       | 26775   | 15RB#0           | 2.6876                   | 2.930                | PASS    |
| 26(814-824) | 3MHz      | 16QAM      | 26705   | 15RB#0           | 2.6900                   | 2.950                | PASS    |
| 26(814-824) | 3MHz      | 16QAM      | 26740   | 15RB#0           | 2.6909                   | 2.937                | PASS    |
| 26(814-824) | 3MHz      | 16QAM      | 26775   | 15RB#0           | 2.6936                   | 2.934                | PASS    |
| 26(814-824) | 5MHz      | QPSK       | 26715   | 25RB#0           | 4.5074                   | 5.019                | PASS    |
| 26(814-824) | 5MHz      | QPSK       | 26740   | 25RB#0           | 4.5017                   | 5.035                | PASS    |
| 26(814-824) | 5MHz      | QPSK       | 26765   | 25RB#0           | 4.5059                   | 5.048                | PASS    |
| 26(814-824) | 5MHz      | 16QAM      | 26715   | 25RB#0           | 4.5029                   | 4.983                | PASS    |
| 26(814-824) | 5MHz      | 16QAM      | 26740   | 25RB#0           | 4.5047                   | 4.985                | PASS    |
| 26(814-824) | 5MHz      | 16QAM      | 26765   | 25RB#0           | 4.5014                   | 5.028                | PASS    |
| 26(814-824) | 10MHz     | QPSK       | 26740   | 50RB#0           | 8.9806                   | 9.830                | PASS    |
| 26(814-824) | 10MHz     | 16QAM      | 26740   | 50RB#0           | 8.9788                   | 9.797                | PASS    |





Test Graphs









BUREAU VERITAS

### Test Report No.: W7L-240618W002RF10



26(814-824)-1.4MHz-16QAM-26740-6RB#0-PASS

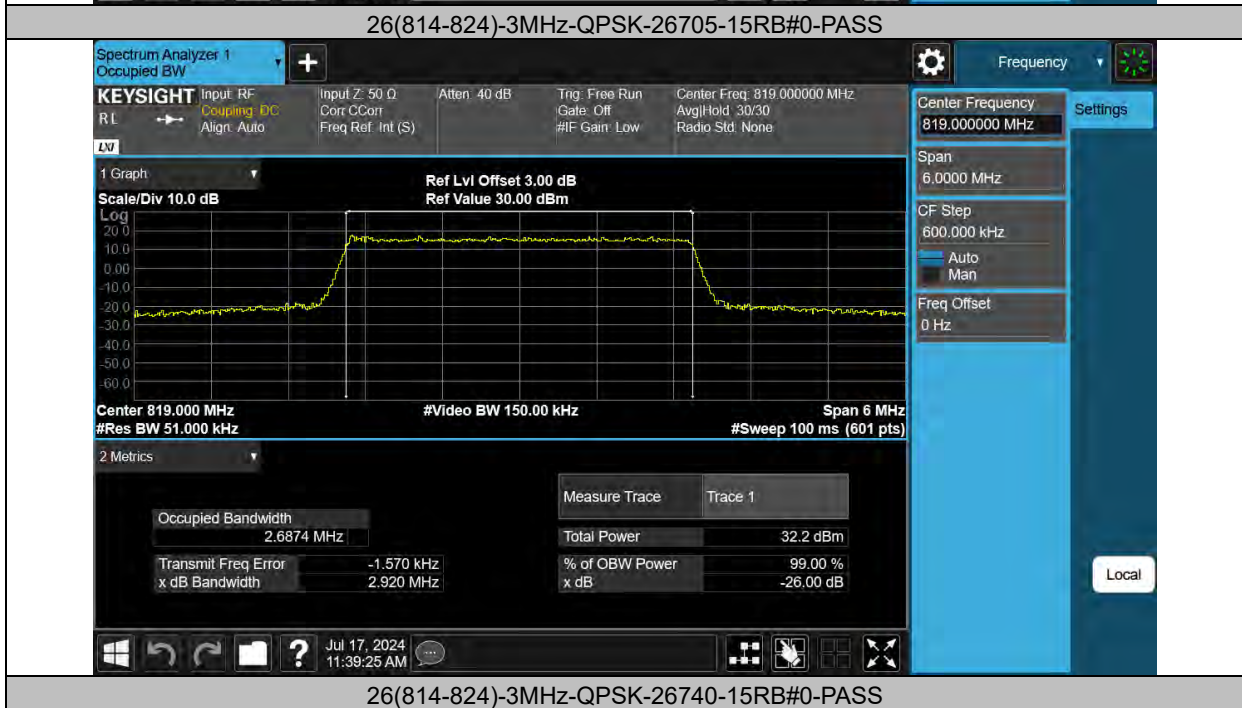


26(814-824)-1.4MHz-16QAM-26783-6RB#0-PASS



BUREAU VERITAS

### Test Report No.: W7L-240618W002RF10



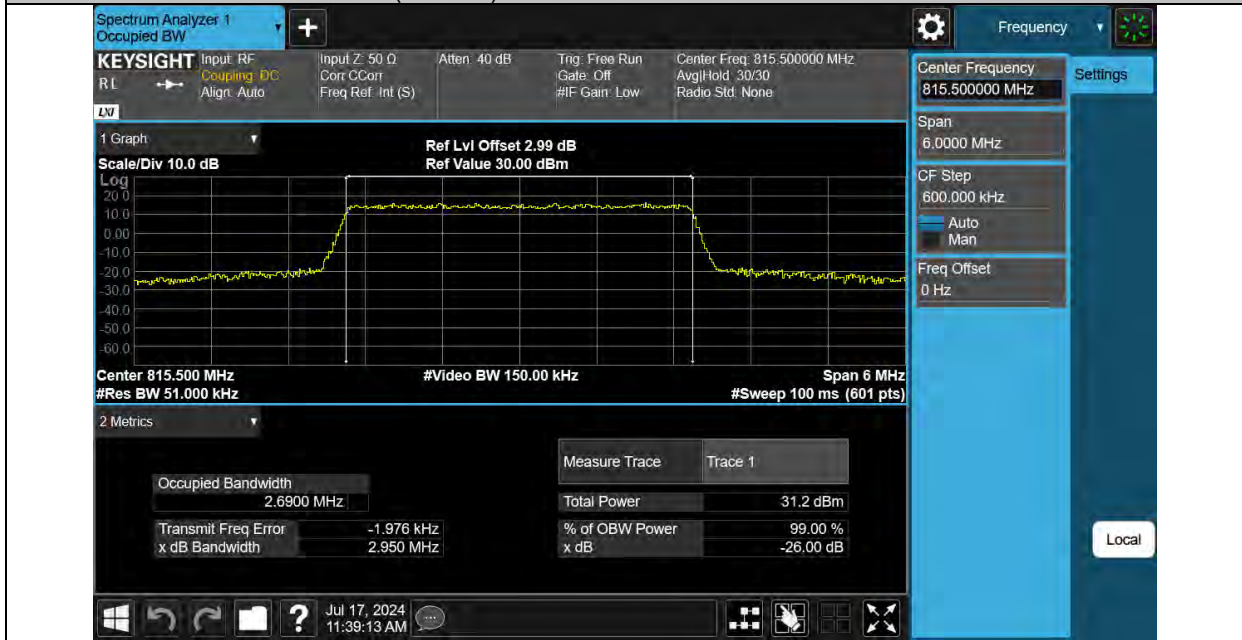


BUREAU VERITAS

### Test Report No.: W7L-240618W002RF10



26(814-824)-3MHz-QPSK-26775-15RB#0-PASS



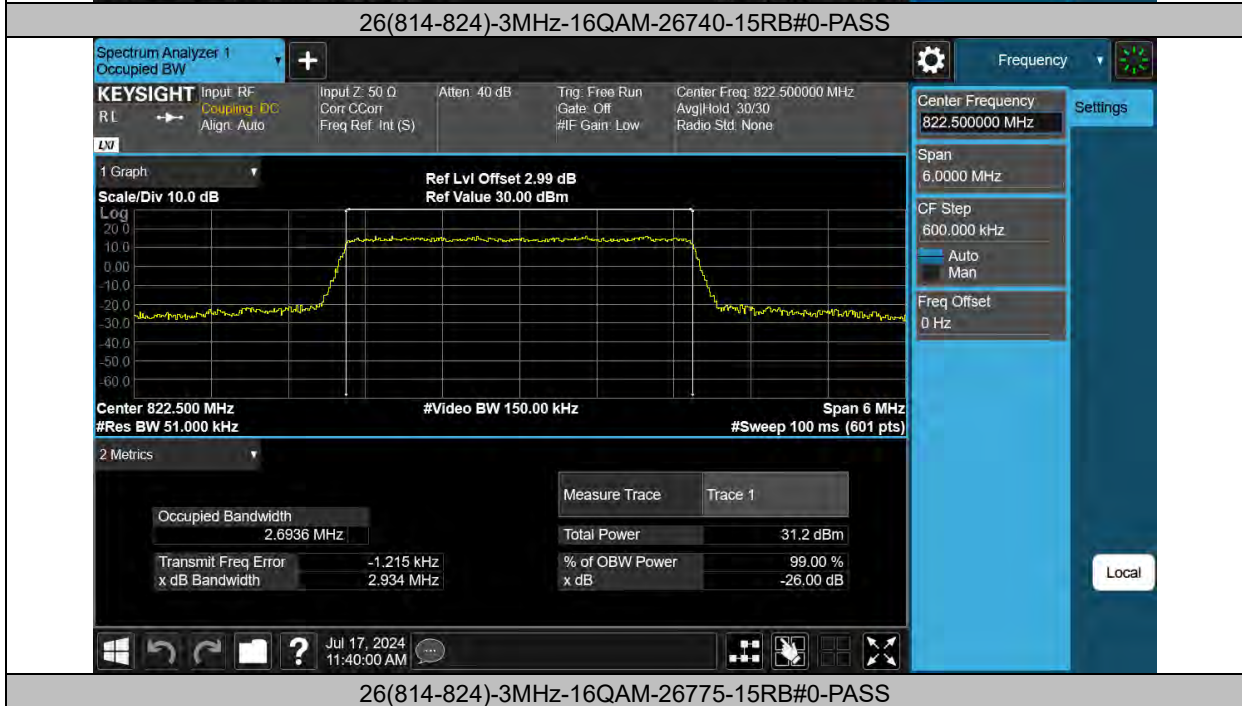
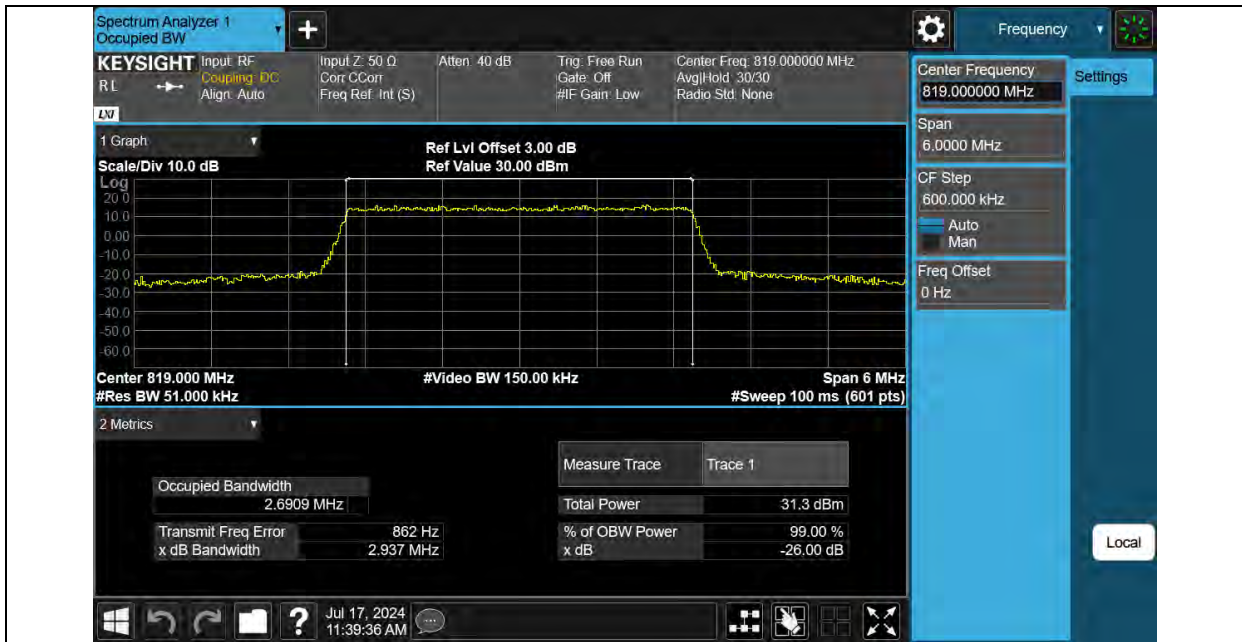
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BUREAU VERITAS

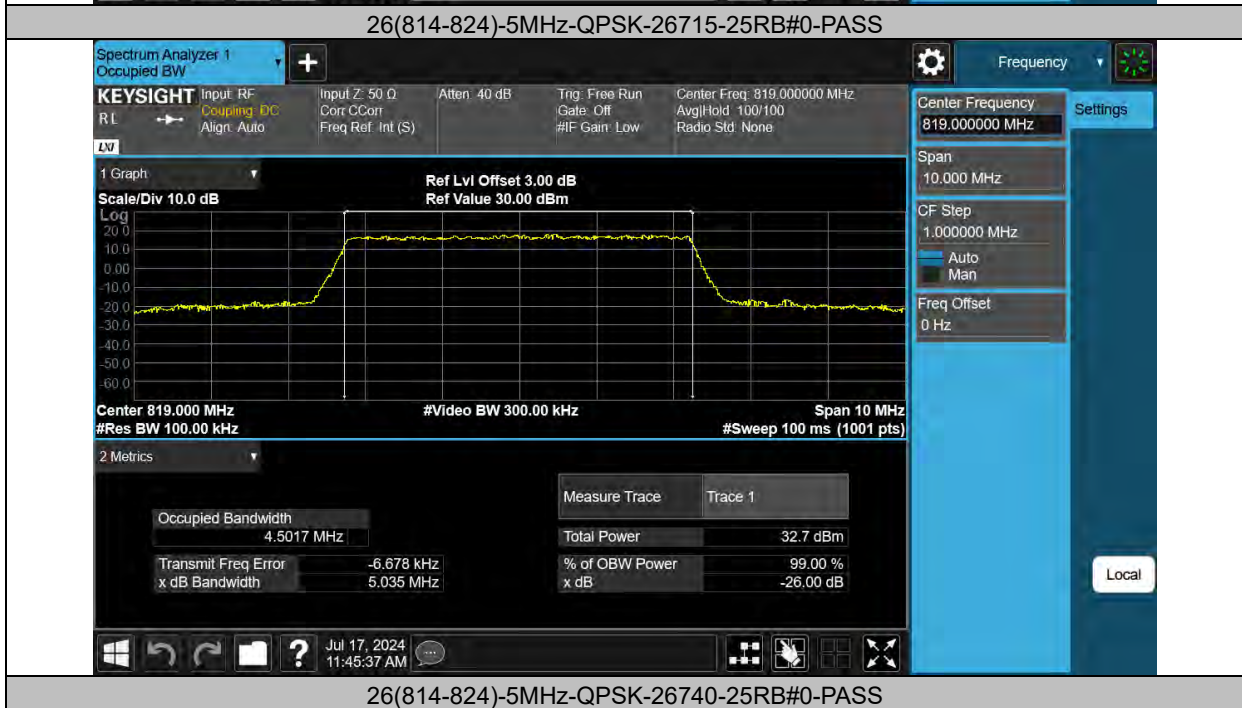
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BUREAU VERITAS

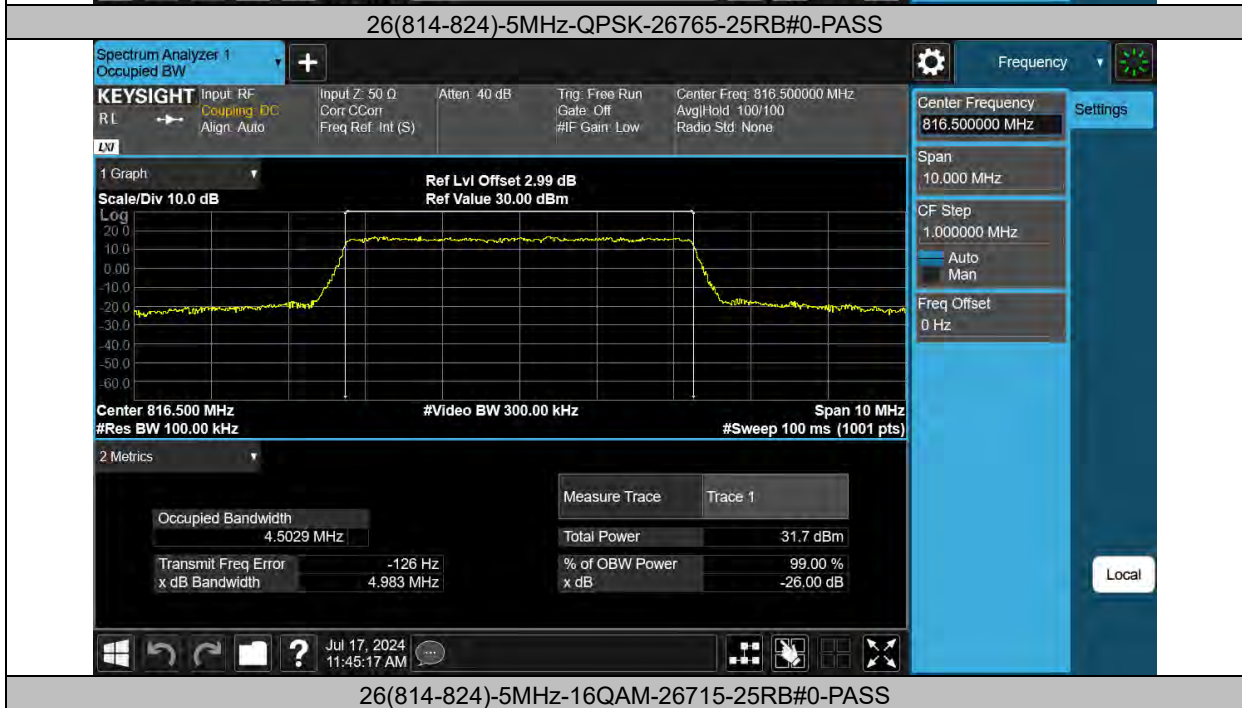
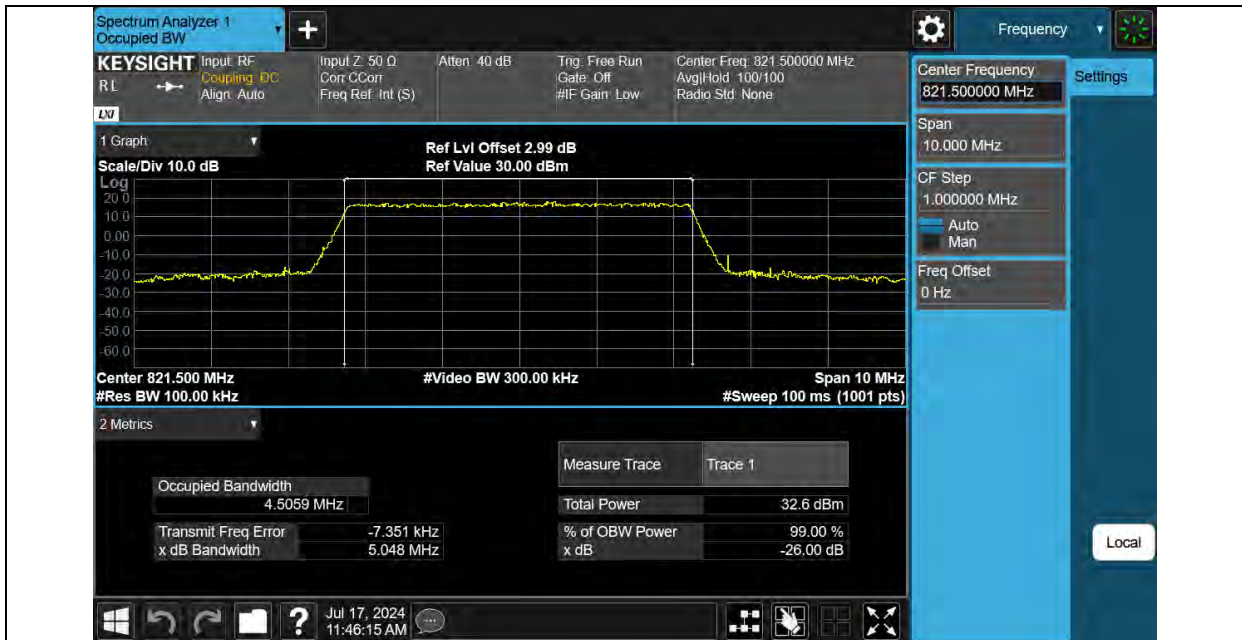
### Test Report No.: W7L-240618W002RF10





BUREAU VERITAS

### Test Report No.: W7L-240618W002RF10







BUREAU VERITAS

### Test Report No.: W7L-240618W002RF10





BUREAU VERITAS

### Test Report No.: W7L-240618W002RF10







## BAND EDGE

### Test Result

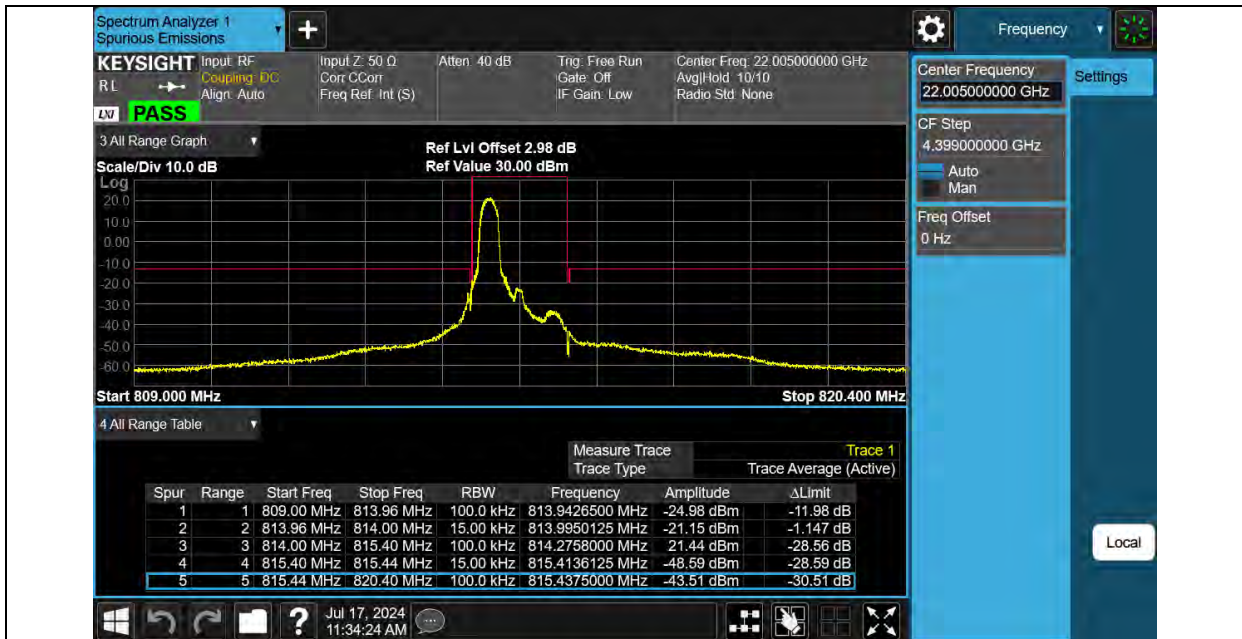
| Band        | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|-------------|-----------|------------|---------|------------------|-------------|---------|
| 26(814-824) | 1.4MHz    | QPSK       | 26697   | 1RB#0            | -21.15      | PASS    |
| 26(814-824) | 1.4MHz    | QPSK       | 26697   | 6RB#0            | -28.52      | PASS    |
| 26(814-824) | 1.4MHz    | QPSK       | 26783   | 1RB#5            | -23.64      | PASS    |
| 26(814-824) | 1.4MHz    | QPSK       | 26783   | 6RB#0            | -28.43      | PASS    |
| 26(814-824) | 1.4MHz    | 16QAM      | 26697   | 1RB#0            | -23.70      | PASS    |
| 26(814-824) | 1.4MHz    | 16QAM      | 26697   | 6RB#0            | -30.25      | PASS    |
| 26(814-824) | 1.4MHz    | 16QAM      | 26783   | 1RB#5            | -23.45      | PASS    |
| 26(814-824) | 1.4MHz    | 16QAM      | 26783   | 6RB#0            | -30.12      | PASS    |
| 26(814-824) | 3MHz      | QPSK       | 26705   | 1RB#0            | -21.52      | PASS    |
| 26(814-824) | 3MHz      | QPSK       | 26705   | 15RB#0           | -28.77      | PASS    |
| 26(814-824) | 3MHz      | QPSK       | 26775   | 1RB#14           | -22.02      | PASS    |
| 26(814-824) | 3MHz      | QPSK       | 26775   | 15RB#0           | -31.00      | PASS    |
| 26(814-824) | 3MHz      | 16QAM      | 26705   | 1RB#0            | -22.15      | PASS    |
| 26(814-824) | 3MHz      | 16QAM      | 26705   | 15RB#0           | -31.90      | PASS    |
| 26(814-824) | 3MHz      | 16QAM      | 26775   | 1RB#14           | -23.72      | PASS    |
| 26(814-824) | 3MHz      | 16QAM      | 26775   | 15RB#0           | -32.38      | PASS    |
| 26(814-824) | 5MHz      | QPSK       | 26715   | 1RB#0            | -23.74      | PASS    |
| 26(814-824) | 5MHz      | QPSK       | 26715   | 25RB#0           | -30.57      | PASS    |
| 26(814-824) | 5MHz      | QPSK       | 26765   | 1RB#24           | -23.52      | PASS    |
| 26(814-824) | 5MHz      | QPSK       | 26765   | 25RB#0           | -31.71      | PASS    |
| 26(814-824) | 5MHz      | 16QAM      | 26715   | 1RB#0            | -23.69      | PASS    |
| 26(814-824) | 5MHz      | 16QAM      | 26715   | 25RB#0           | -32.18      | PASS    |
| 26(814-824) | 5MHz      | 16QAM      | 26765   | 1RB#24           | -25.03      | PASS    |
| 26(814-824) | 5MHz      | 16QAM      | 26765   | 25RB#0           | -34.19      | PASS    |
| 26(814-824) | 10MHz     | QPSK       | 26740   | 1RB#0            | -31.93      | PASS    |
| 26(814-824) | 10MHz     | QPSK       | 26740   | 1RB#49           | -32.95      | PASS    |
| 26(814-824) | 10MHz     | QPSK       | 26740   | 50RB#0           | -33.31      | PASS    |
| 26(814-824) | 10MHz     | 16QAM      | 26740   | 1RB#0            | -34.40      | PASS    |
| 26(814-824) | 10MHz     | 16QAM      | 26740   | 1RB#49           | -34.08      | PASS    |
| 26(814-824) | 10MHz     | 16QAM      | 26740   | 50RB#0           | -35.38      | PASS    |



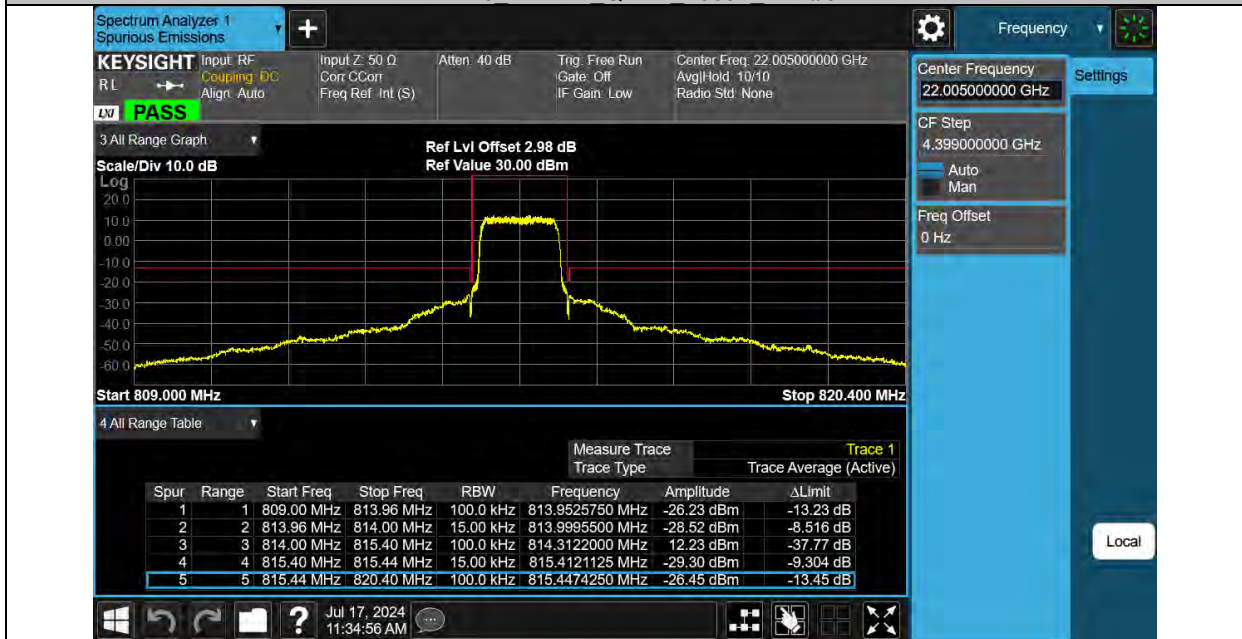
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Test Report No.: W7L-240618W002RF10

### Test Graphs



Band26 1.4MHz QPSK 26697 1RB#0

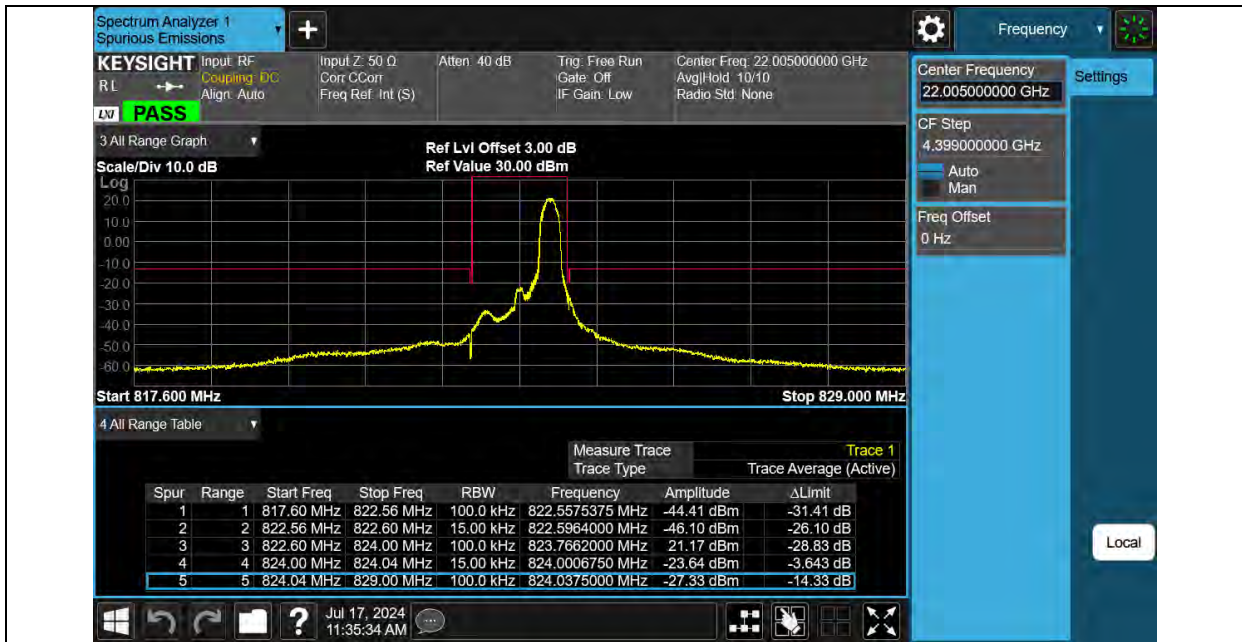


Band26 1.4MHz QPSK 26697 6RB#0

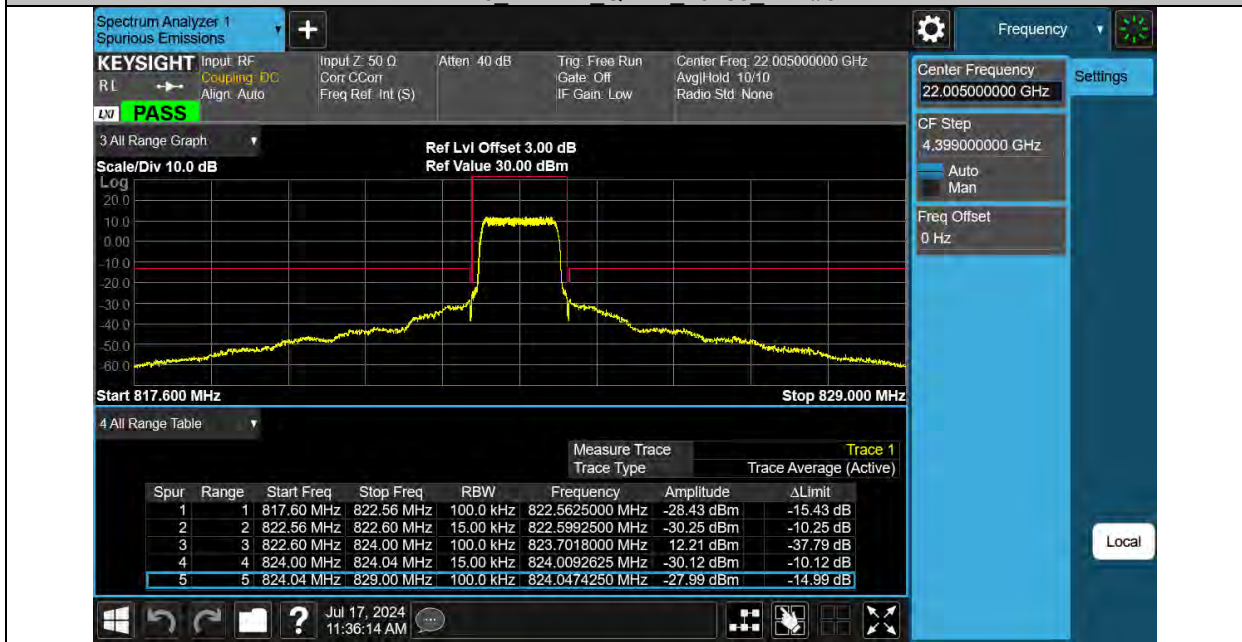


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### Test Report No.: W7L-240618W002RF10



Band26 1.4MHz QPSK 26783 1RB#5



Band26 1.4MHz QPSK 26783 6RB#0





**BUREAU  
VERITAS**

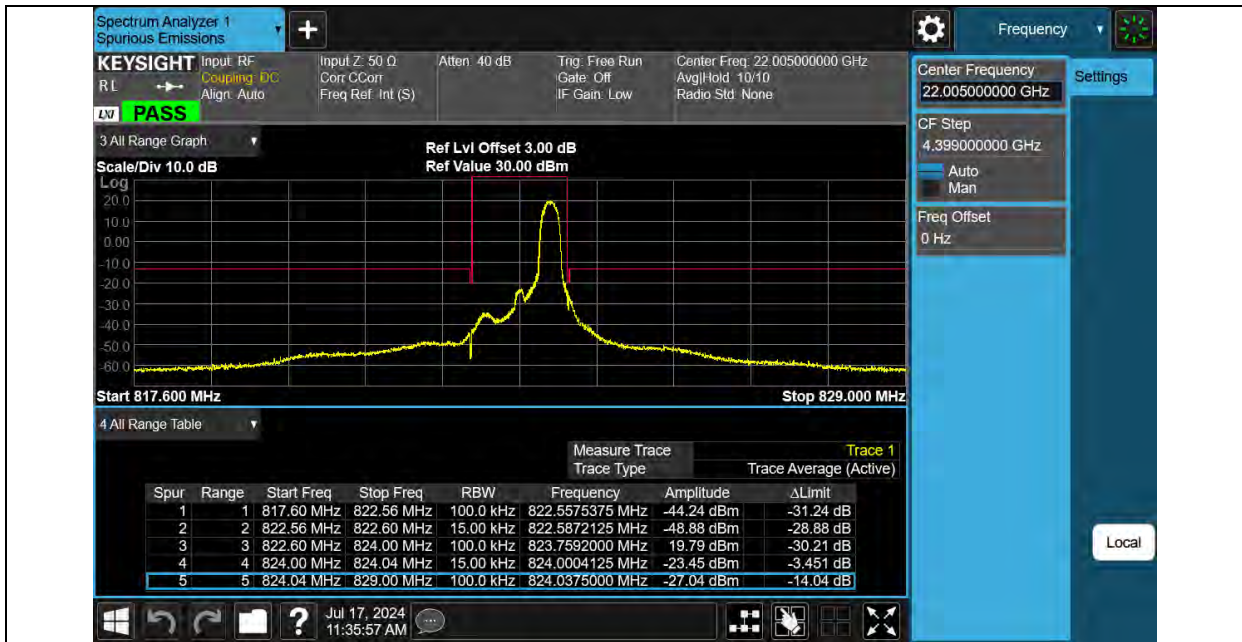
**Test Report No.: W7L-240618W002RF10**



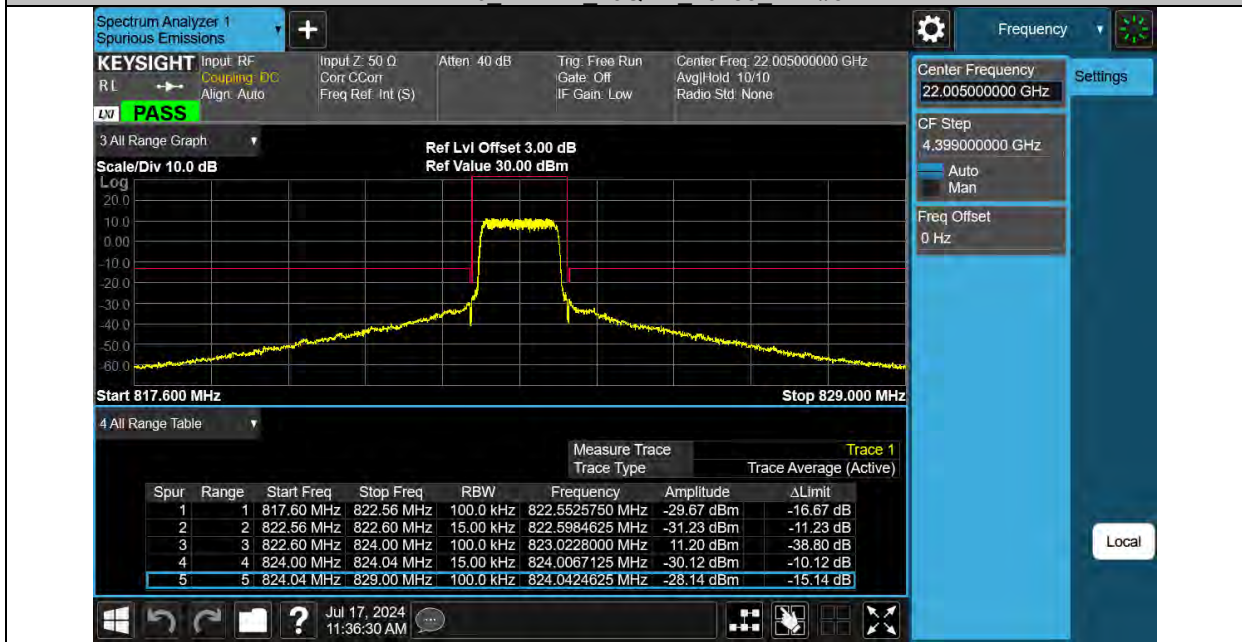


BUREAU VERITAS

### Test Report No.: W7L-240618W002RF10



Band26 1.4MHz 16QAM 26783 1RB#5



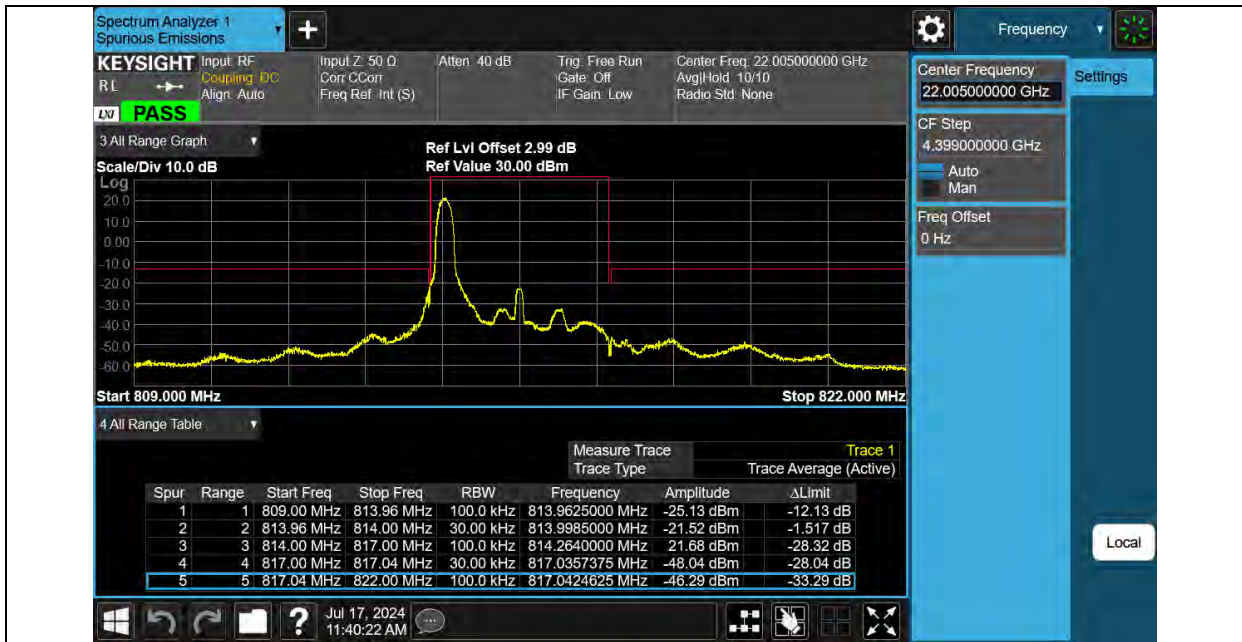
Band26 1.4MHz 16QAM 26783 6RB#0



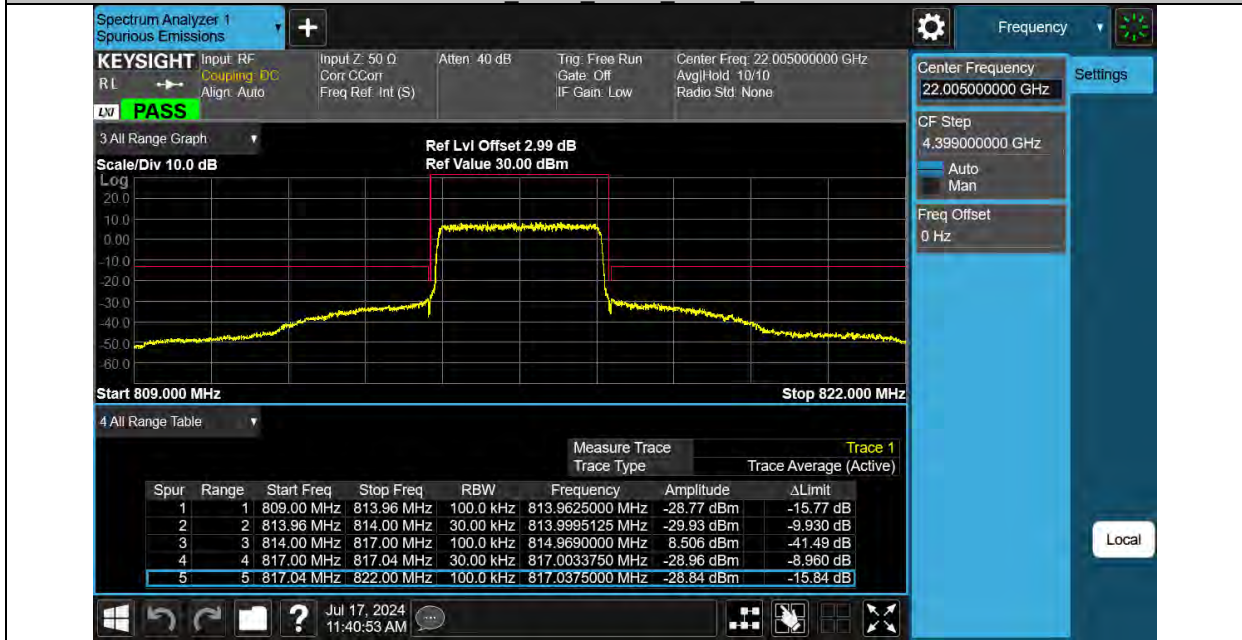


BUREAU VERITAS

### Test Report No.: W7L-240618W002RF10



Band26 3MHz QPSK 26705 1RB#0

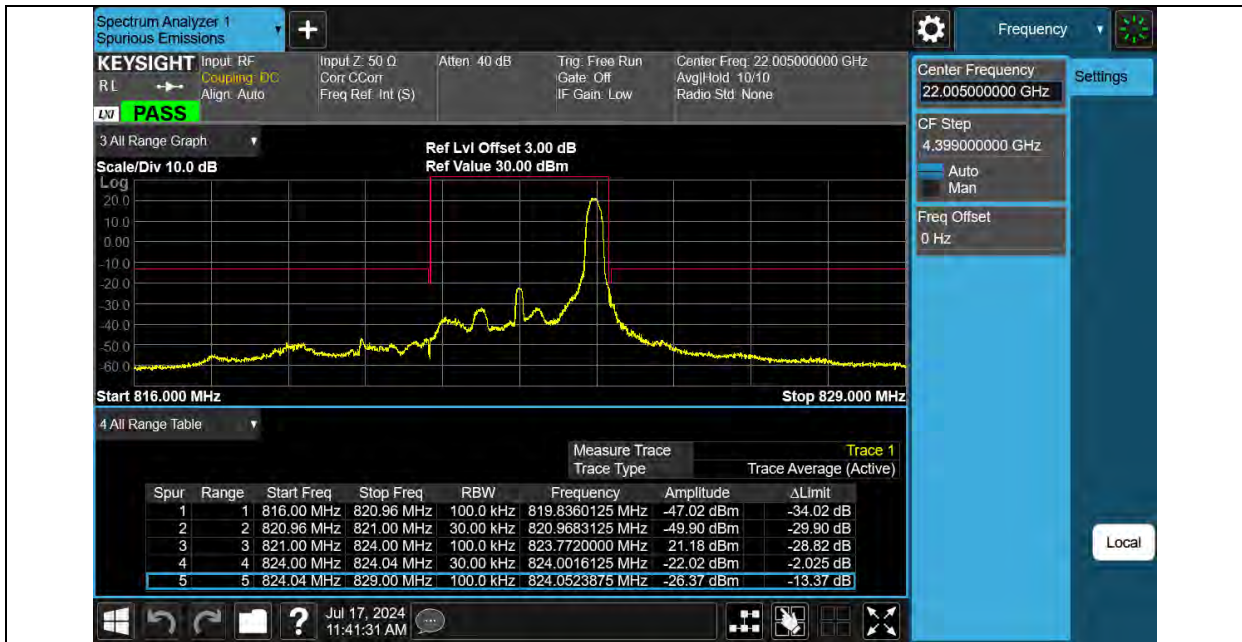


Band26 3MHz QPSK 26705 15RB#0

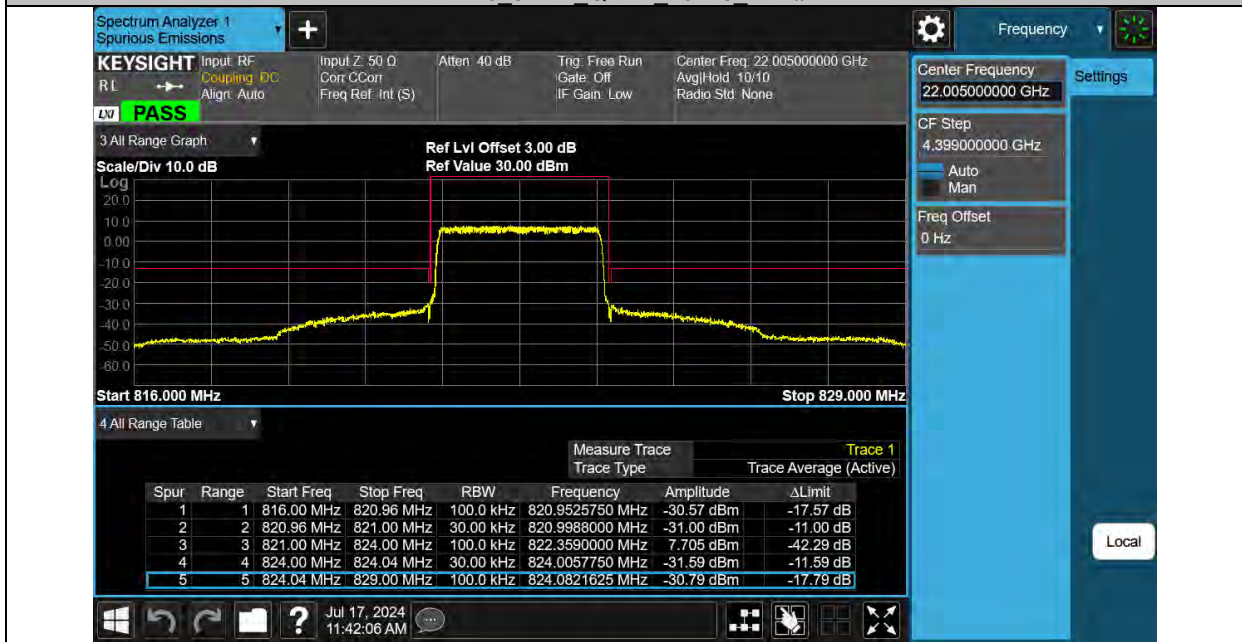


BUREAU VERITAS

### Test Report No.: W7L-240618W002RF10



Band26 3MHz QPSK 26775 1RB#14



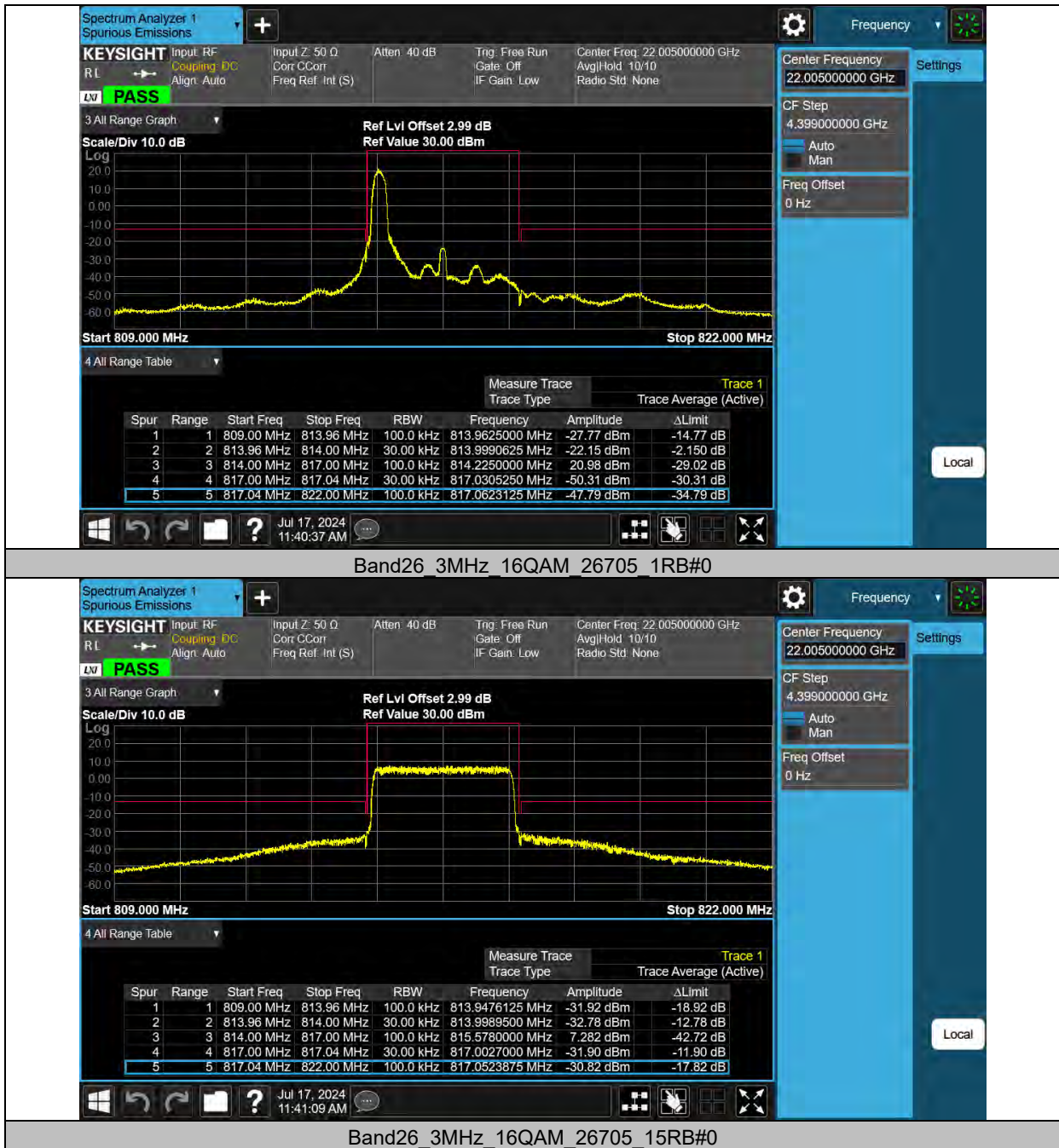
Band26 3MHz QPSK 26775 15RB#0





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**Test Report No.: W7L-240618W002RF10**

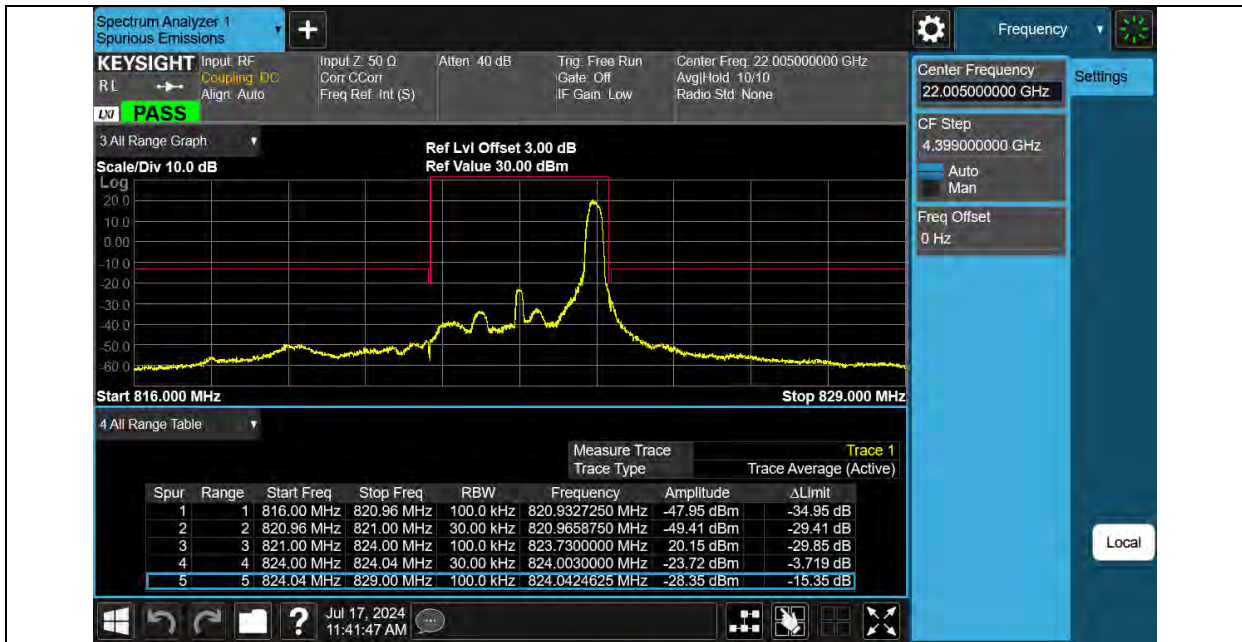




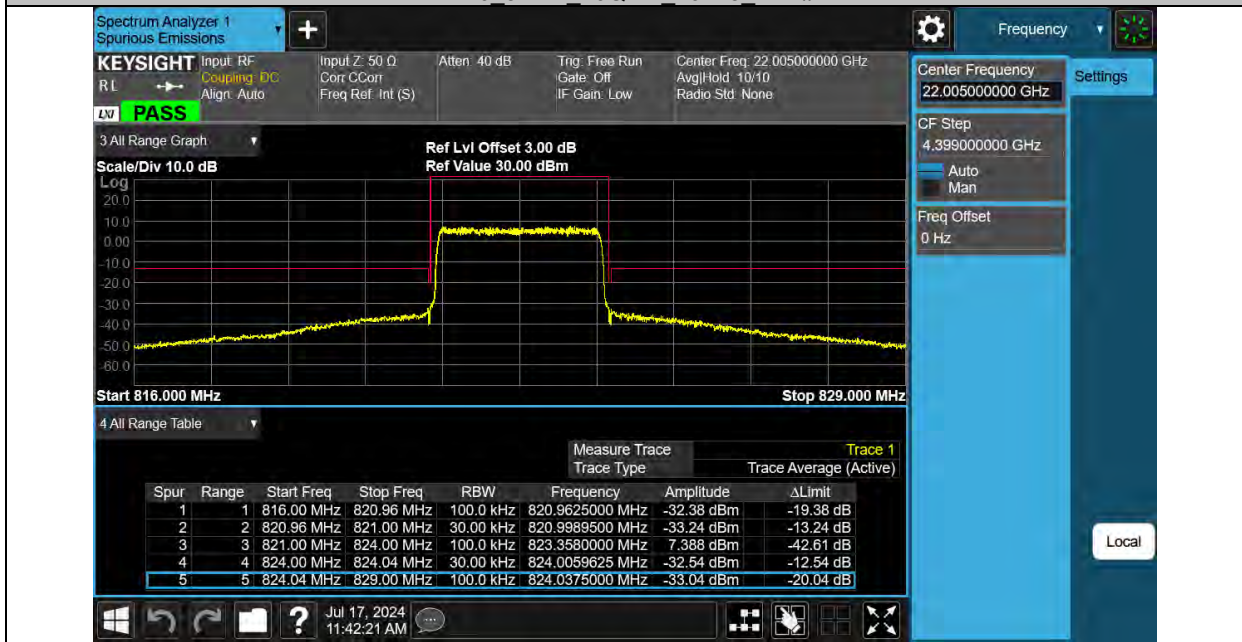


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### Test Report No.: W7L-240618W002RF10



Band26 3MHz 16QAM 26775 1RB#14

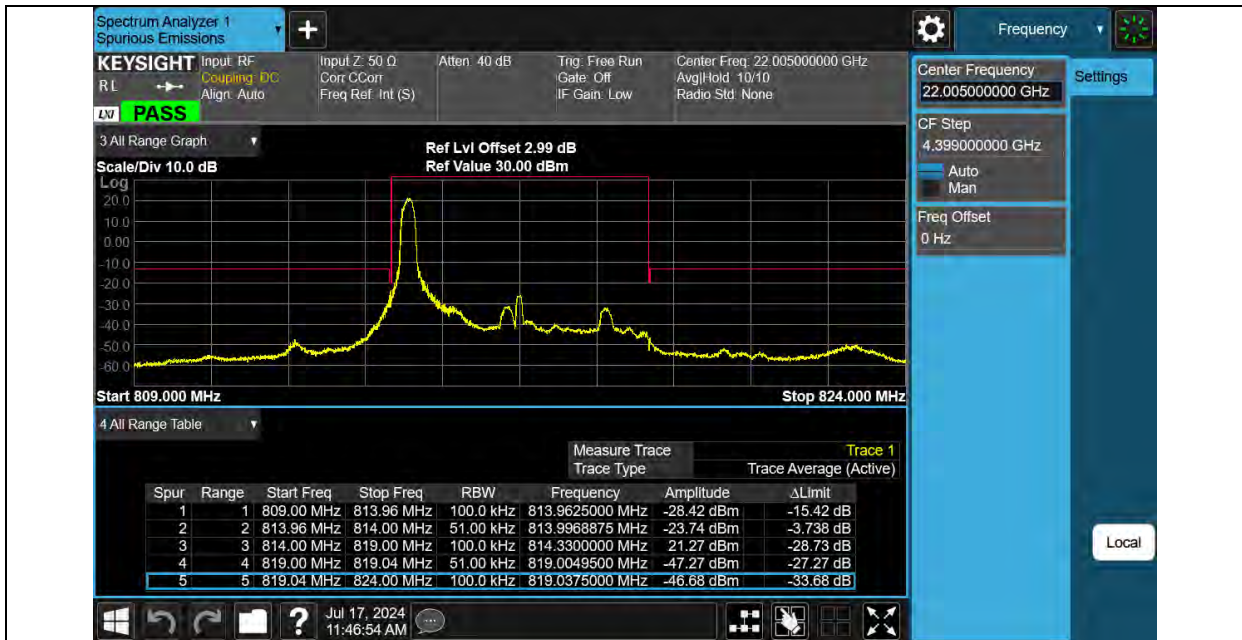


Band26 3MHz 16QAM 26775 15RB#0

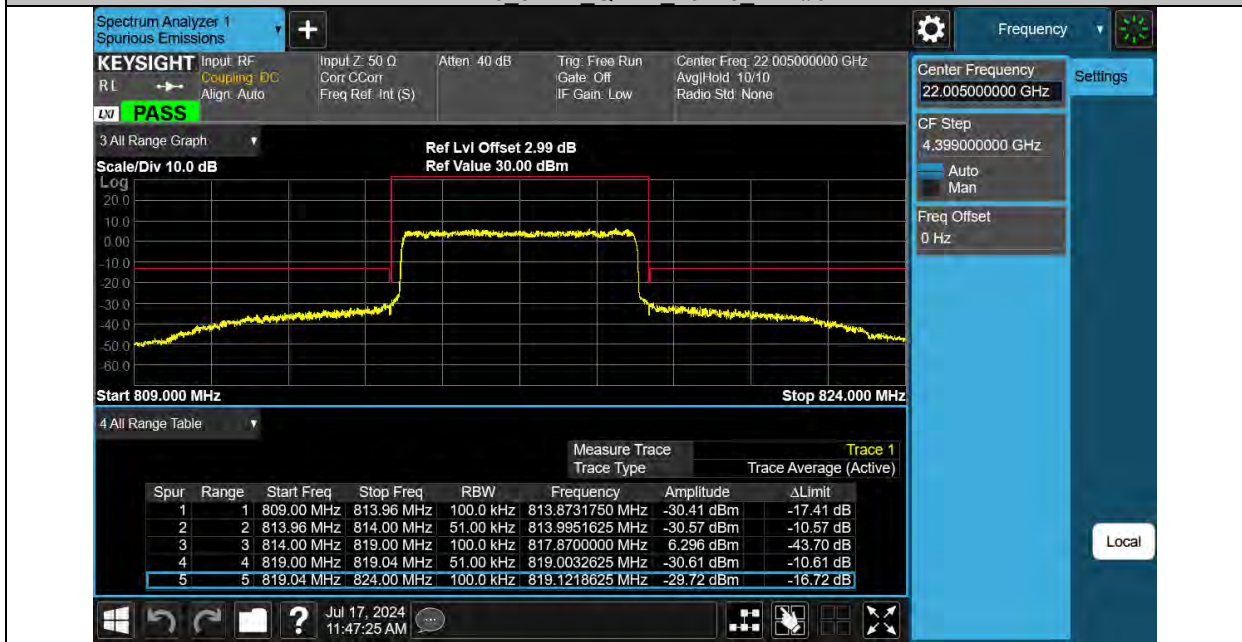


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### Test Report No.: W7L-240618W002RF10



Band26 5MHz QPSK 26715 1RB#0



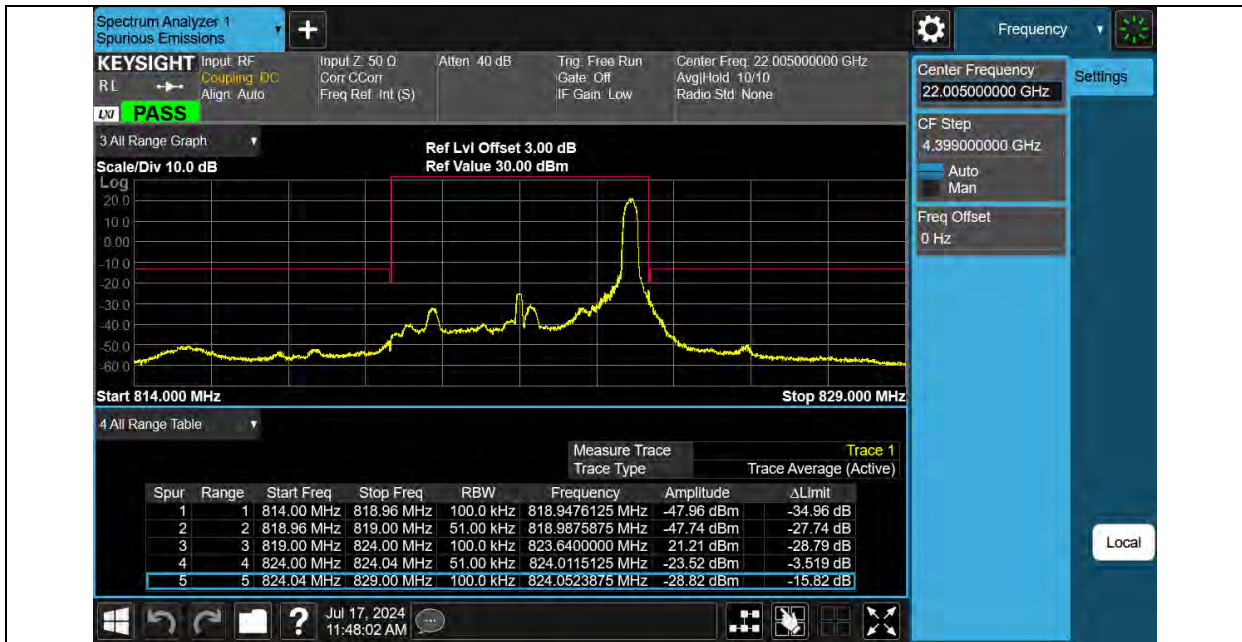
Band26 5MHz QPSK 26715 25RB#0



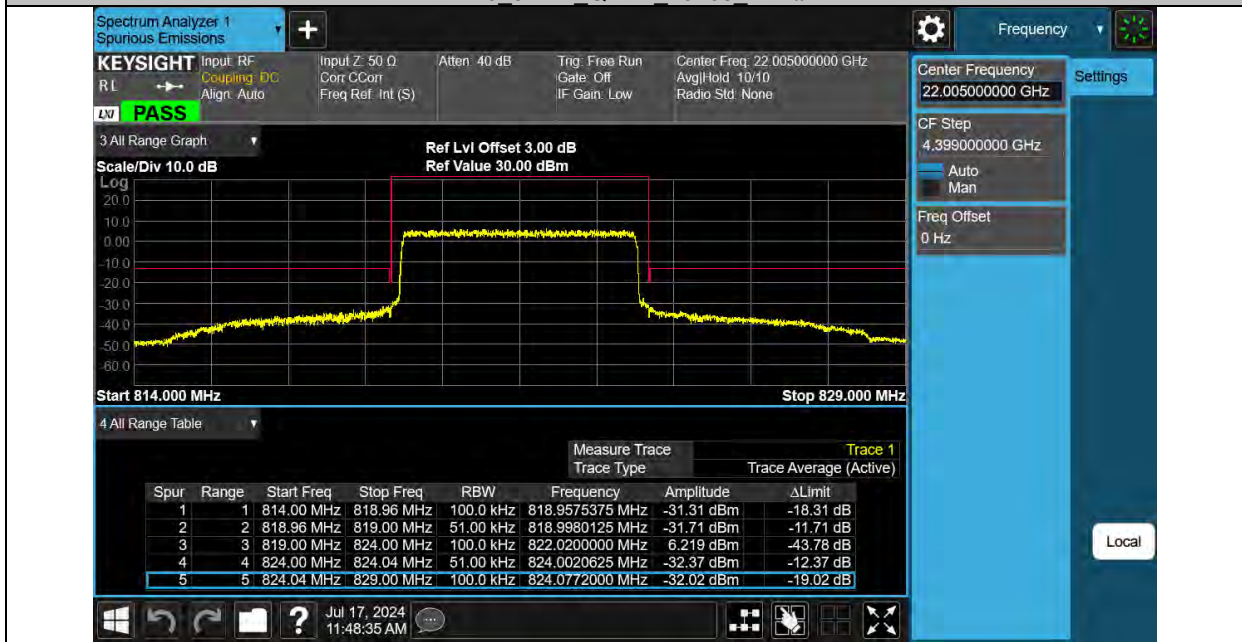


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**Test Report No.: W7L-240618W002RF10**



**Band26 5MHz QPSK 26765 1RB#24**

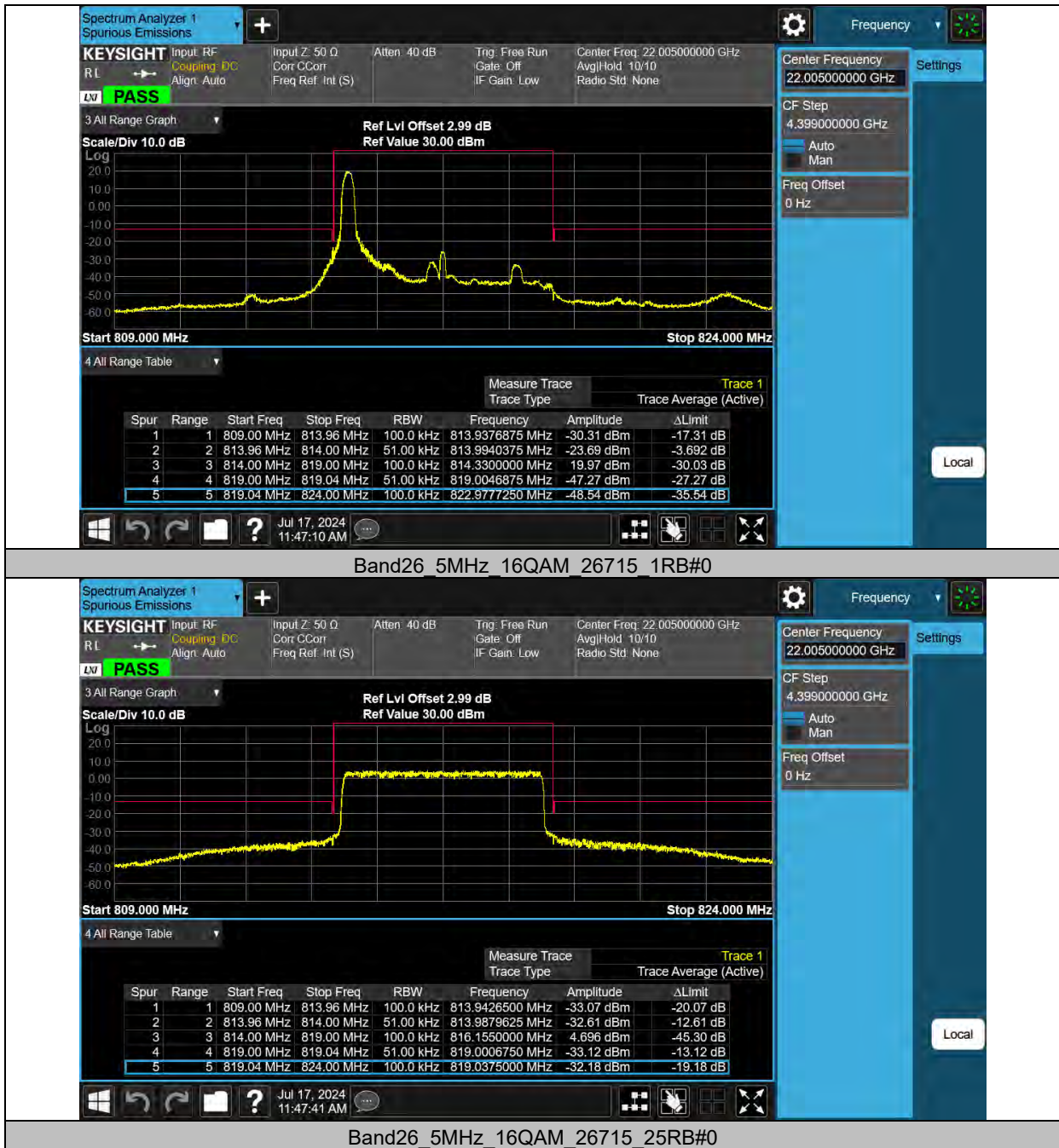


**Band26 5MHz QPSK 26765 25RB#0**



**BUREAU  
VERITAS**

**Test Report No.: W7L-240618W002RF10**

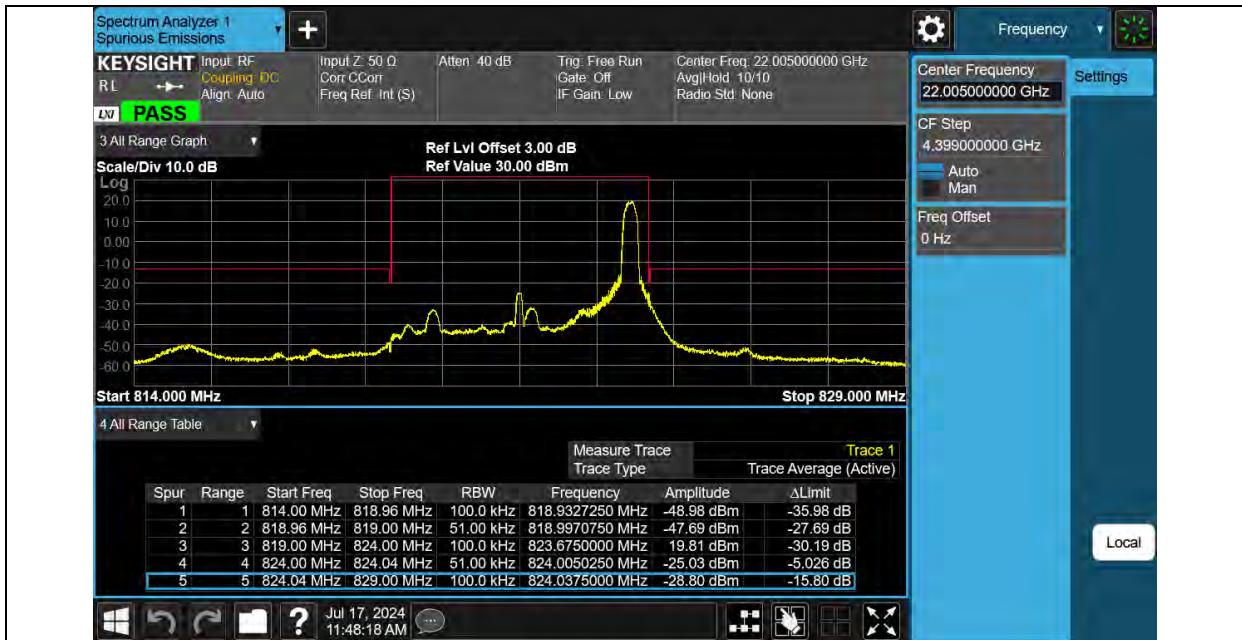




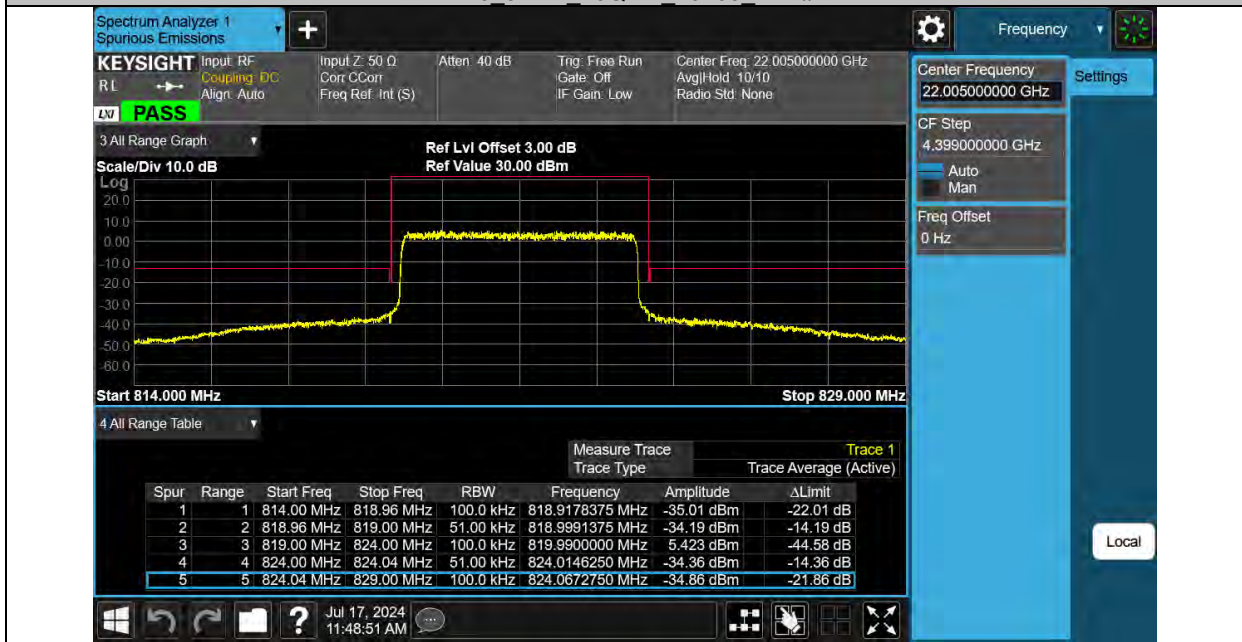


BUREAU VERITAS

### Test Report No.: W7L-240618W002RF10



Band26 5MHz 16QAM 26765 1RB#24

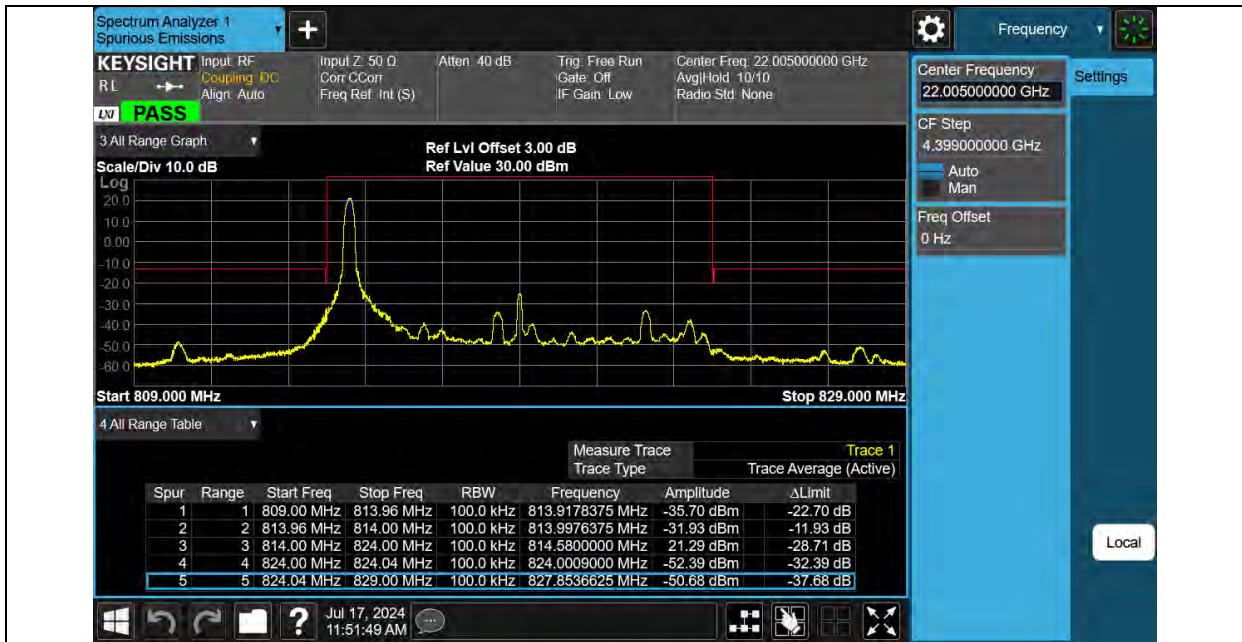


Band26 5MHz 16QAM 26765 25RB#0

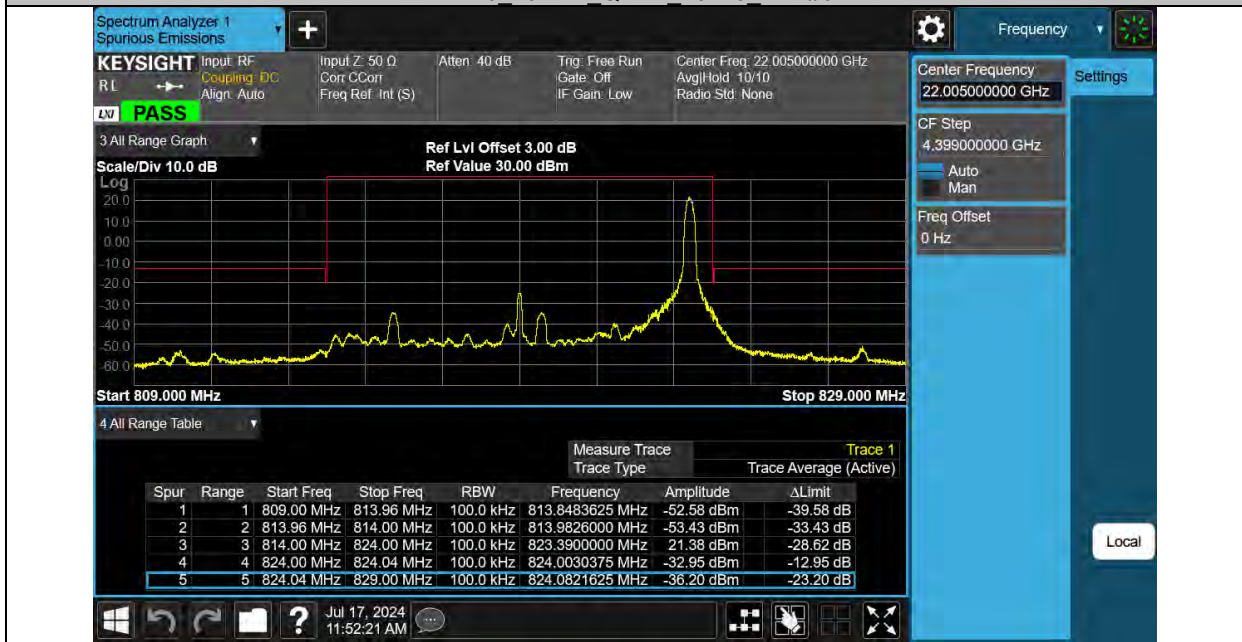


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**Test Report No.: W7L-240618W002RF10**



Band26 10MHz QPSK 26740 1RB#0



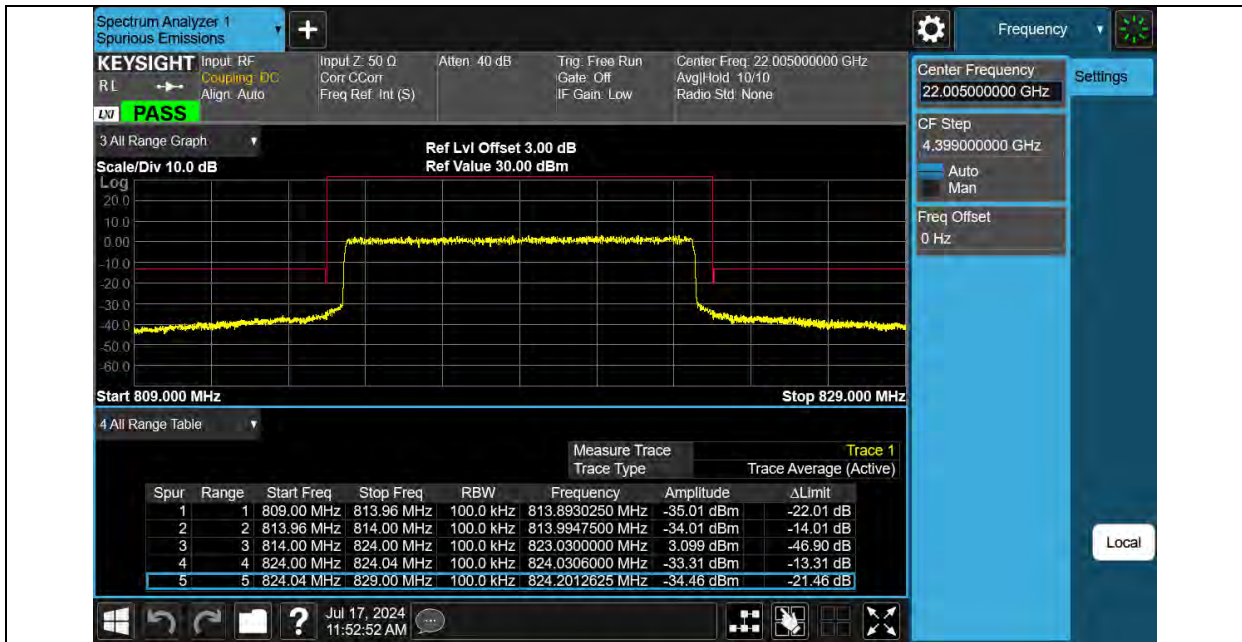
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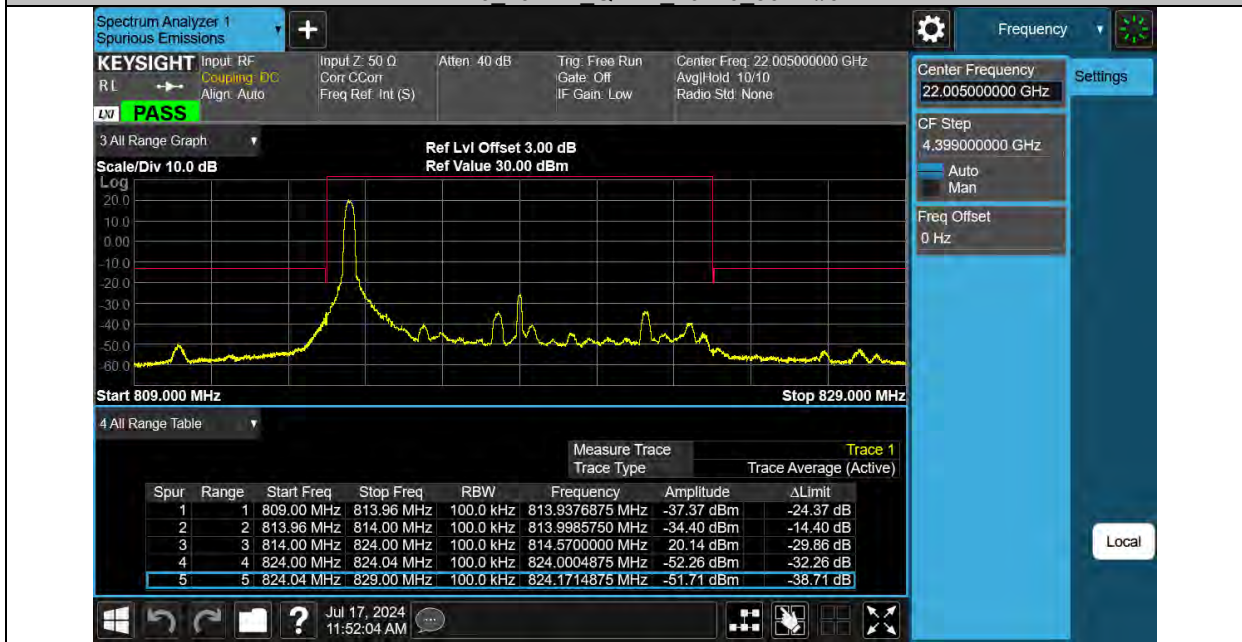


**BUREAU  
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**Test Report No.: W7L-240618W002RF10**



**Band26 10MHz QPSK 26740 50RB#0**

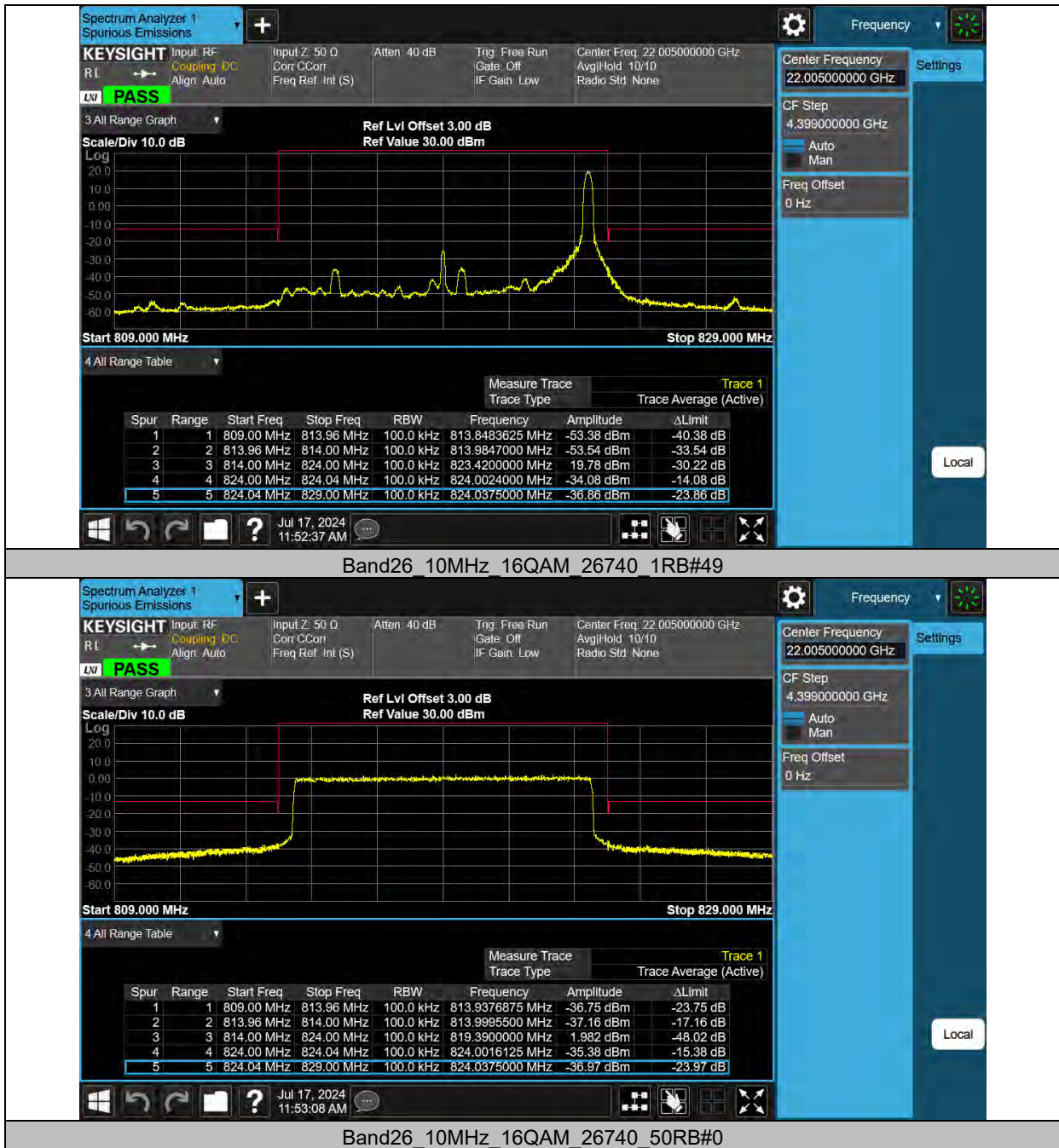


**Band26 10MHz 16QAM 26740 1RB#0**



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**Test Report No.: W7L-240618W002RF10**







Test Report No.: W7L-240618W002RF10

## CONDUCTED SPURIOUS EMISSION

### Test Result

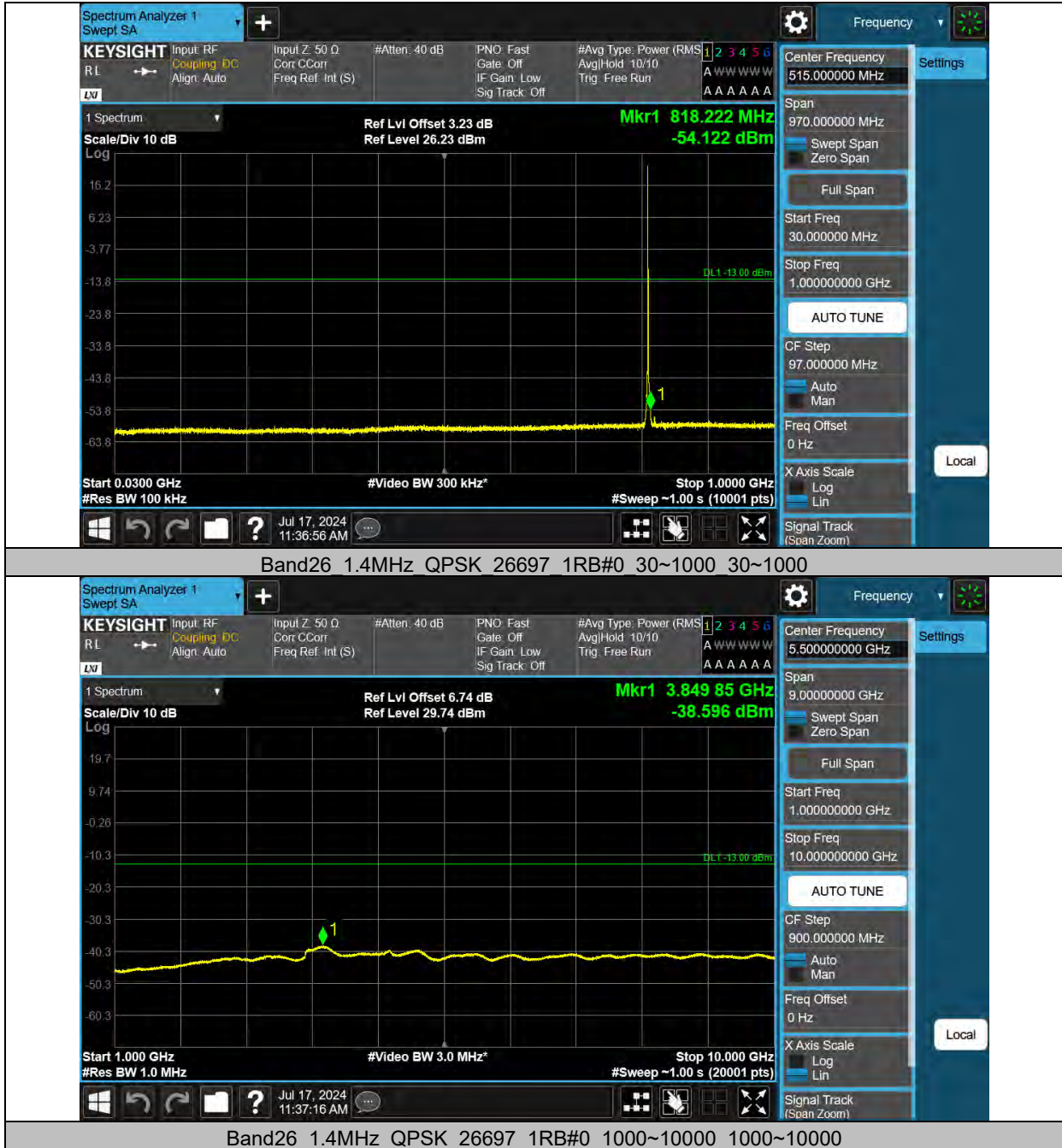
| Band        | Bandwidth | Modulation | Channel | RB Configuration | Frequency Range | Result (dBm) | Verdict |
|-------------|-----------|------------|---------|------------------|-----------------|--------------|---------|
| 26(814-824) | 1.4MHz    | QPSK       | 26697   | 1RB#0            | 30~1000         | -54.12       | PASS    |
| 26(814-824) | 1.4MHz    | QPSK       | 26697   | 1RB#0            | 1000~10000      | -38.60       | PASS    |
| 26(814-824) | 1.4MHz    | QPSK       | 26740   | 1RB#0            | 30~1000         | -53.81       | PASS    |
| 26(814-824) | 1.4MHz    | QPSK       | 26740   | 1RB#0            | 1000~10000      | -38.51       | PASS    |
| 26(814-824) | 1.4MHz    | QPSK       | 26783   | 1RB#0            | 30~1000         | -53.50       | PASS    |
| 26(814-824) | 1.4MHz    | QPSK       | 26783   | 1RB#0            | 1000~10000      | -38.46       | PASS    |
| 26(814-824) | 3MHz      | QPSK       | 26705   | 1RB#0            | 30~1000         | -55.52       | PASS    |
| 26(814-824) | 3MHz      | QPSK       | 26705   | 1RB#0            | 1000~10000      | -38.59       | PASS    |
| 26(814-824) | 3MHz      | QPSK       | 26740   | 1RB#0            | 30~1000         | -56.00       | PASS    |
| 26(814-824) | 3MHz      | QPSK       | 26740   | 1RB#0            | 1000~10000      | -38.54       | PASS    |
| 26(814-824) | 3MHz      | QPSK       | 26775   | 1RB#0            | 30~1000         | -51.32       | PASS    |
| 26(814-824) | 3MHz      | QPSK       | 26775   | 1RB#0            | 1000~10000      | -38.57       | PASS    |
| 26(814-824) | 5MHz      | QPSK       | 26715   | 1RB#0            | 30~1000         | -55.73       | PASS    |
| 26(814-824) | 5MHz      | QPSK       | 26715   | 1RB#0            | 1000~10000      | -38.46       | PASS    |
| 26(814-824) | 5MHz      | QPSK       | 26740   | 1RB#0            | 30~1000         | -56.11       | PASS    |
| 26(814-824) | 5MHz      | QPSK       | 26740   | 1RB#0            | 1000~10000      | -38.43       | PASS    |
| 26(814-824) | 5MHz      | QPSK       | 26765   | 1RB#0            | 30~1000         | -56.88       | PASS    |
| 26(814-824) | 5MHz      | QPSK       | 26765   | 1RB#0            | 1000~10000      | -38.52       | PASS    |
| 26(814-824) | 10MHz     | QPSK       | 26740   | 1RB#0            | 30~1000         | -56.35       | PASS    |
| 26(814-824) | 10MHz     | QPSK       | 26740   | 1RB#0            | 1000~10000      | -38.46       | PASS    |



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Test Report No.: W7L-240618W002RF10

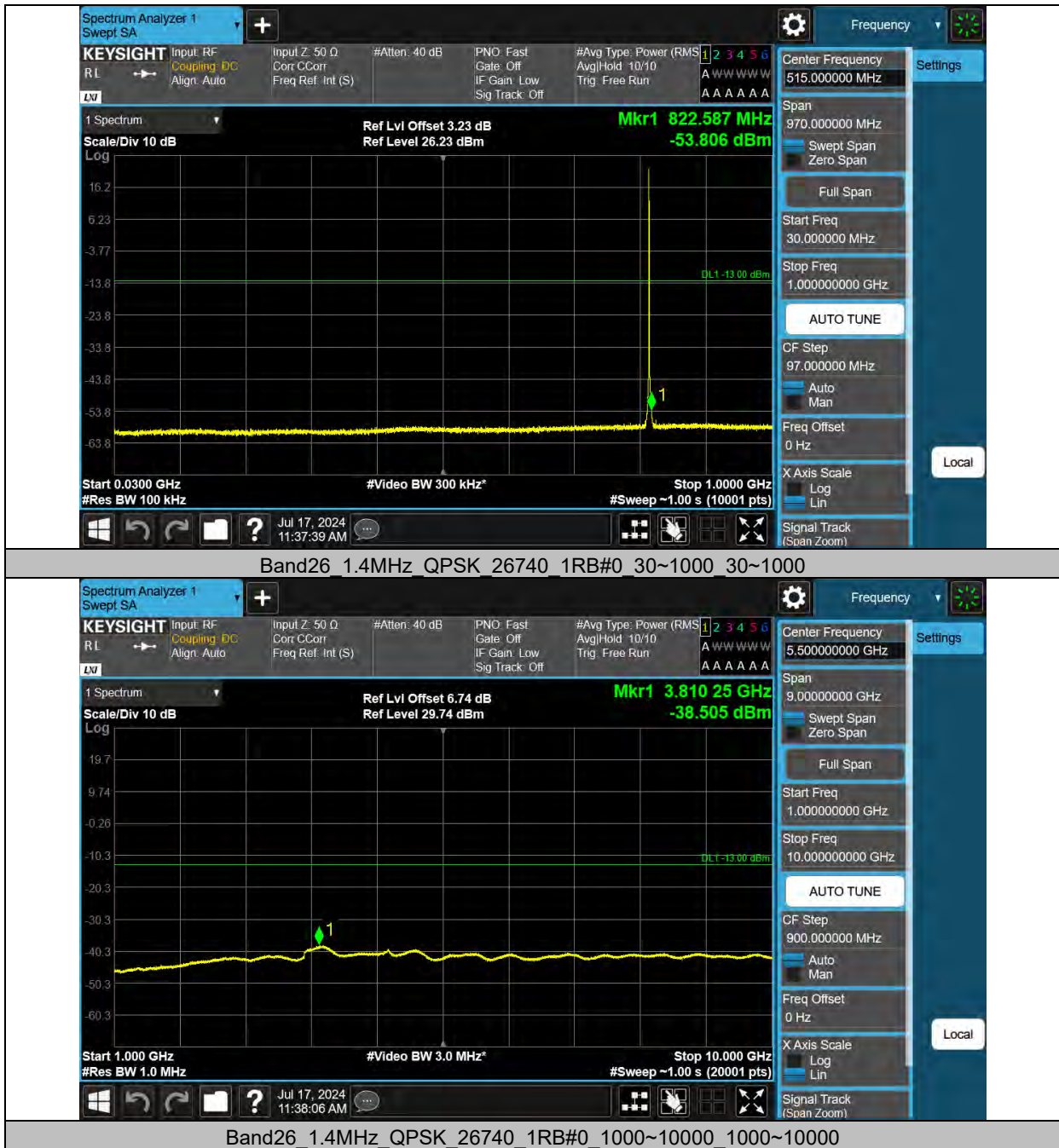
### Test Graphs





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### Test Report No.: W7L-240618W002RF10



BV 7Layers Communications Technology (Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road, Zhaoshang Street, Nanshan District Shenzhen, Guangdong, People's Republic of China

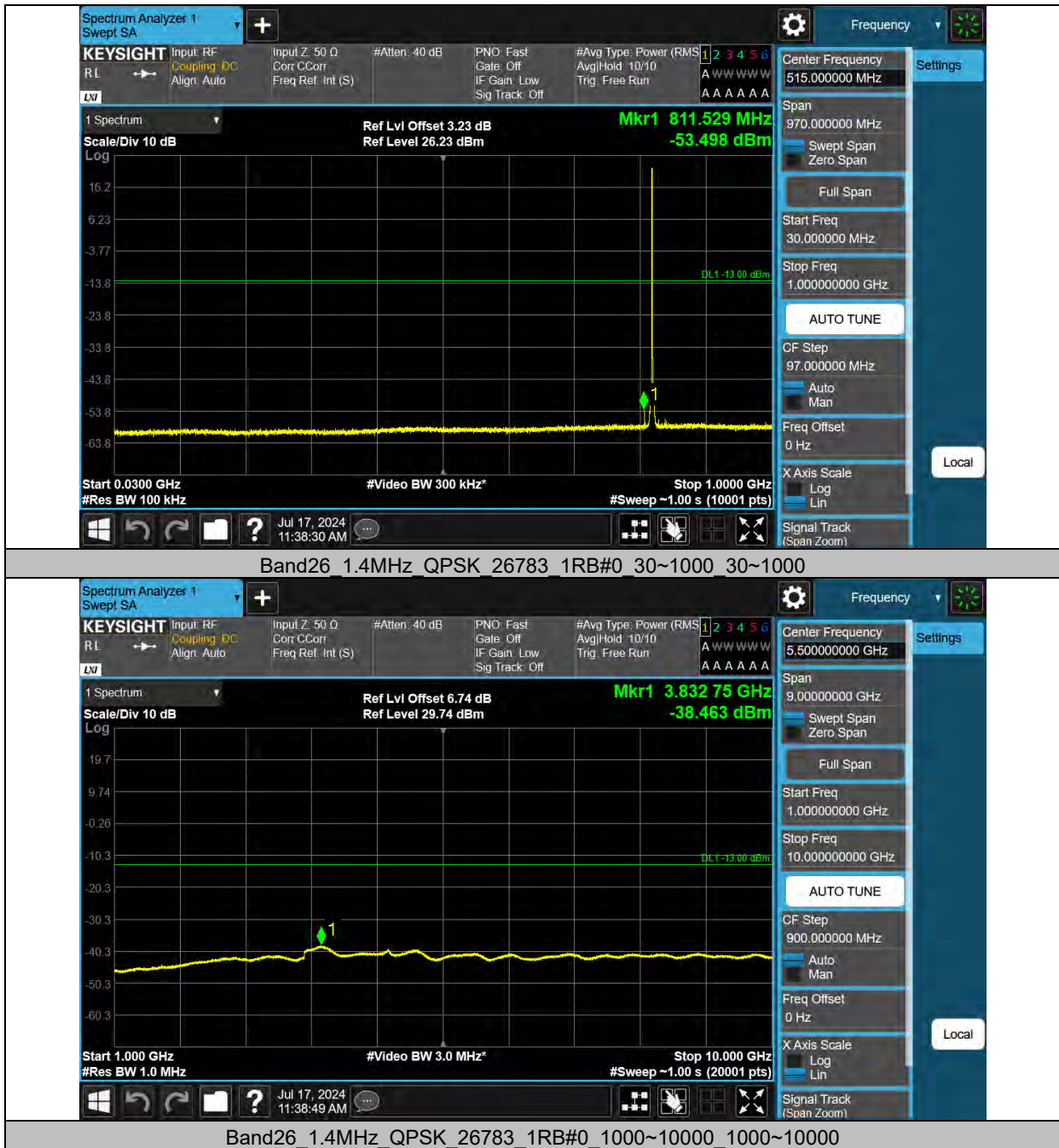
Tel: +86 755 8869 6566  
Fax: +86 755 8869 6577  
Email: [customerservice.sw@bureauveritas.com](mailto:customerservice.sw@bureauveritas.com)





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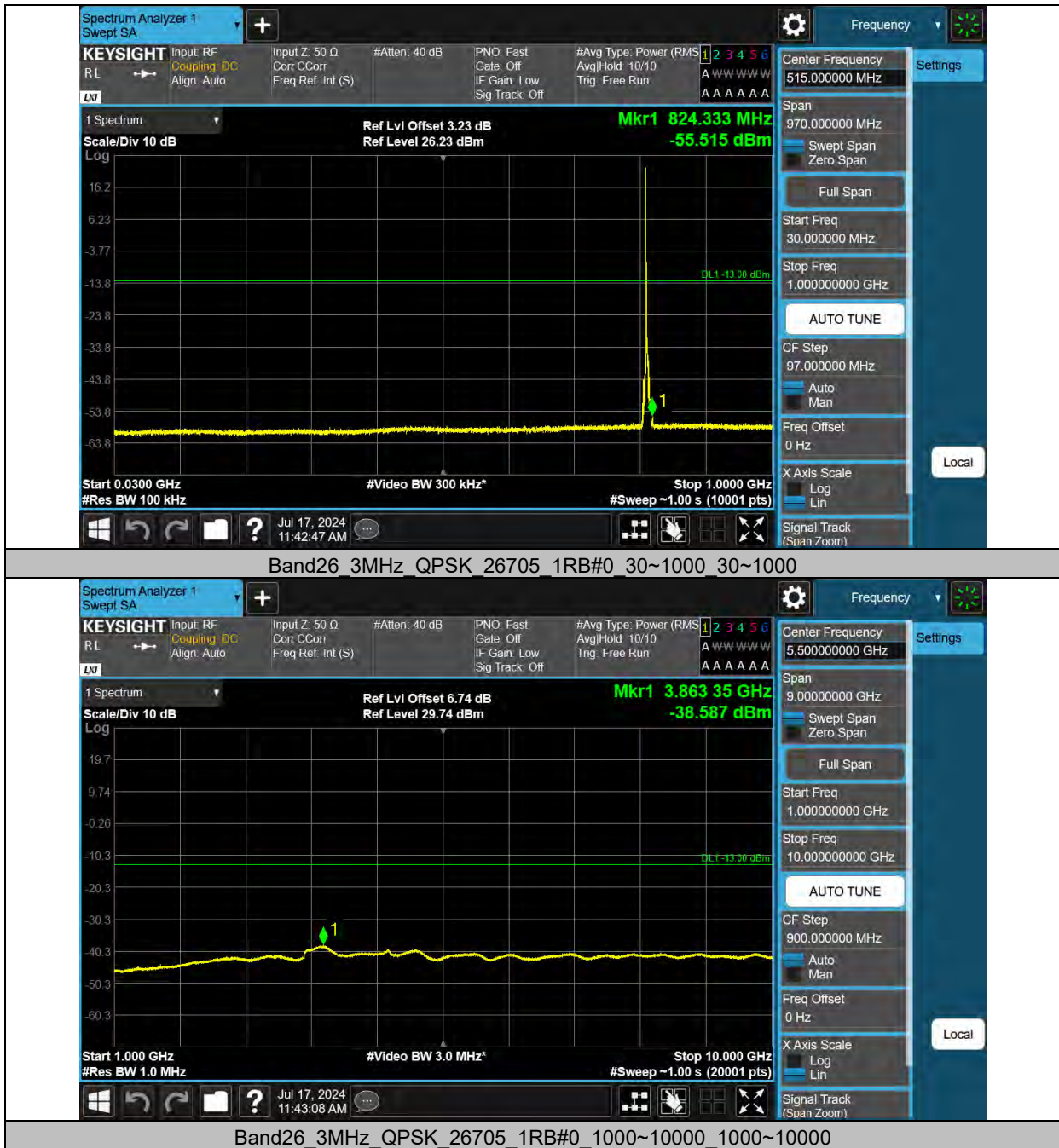
### Test Report No.: W7L-240618W002RF10





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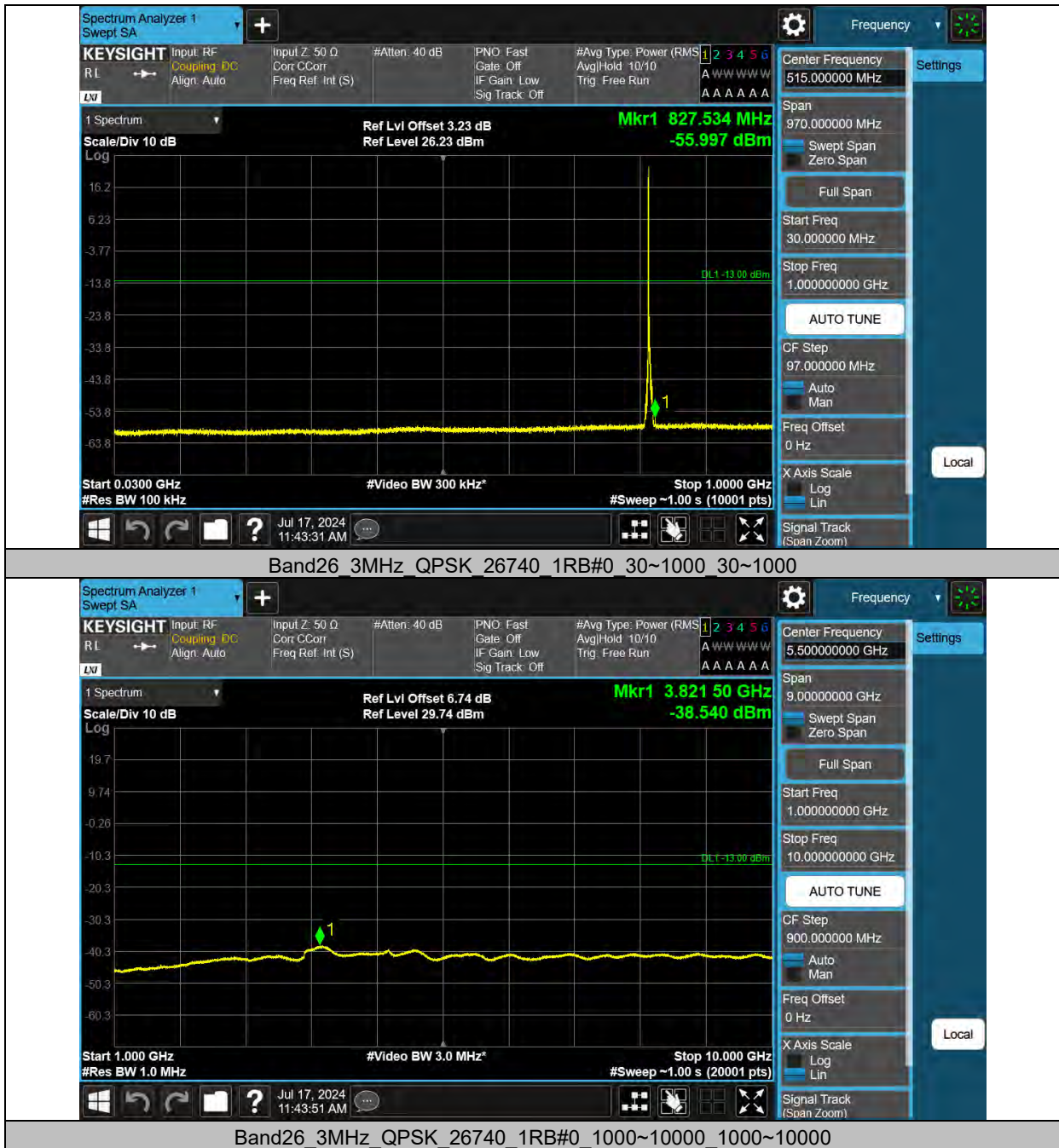






BUREAU VERITAS

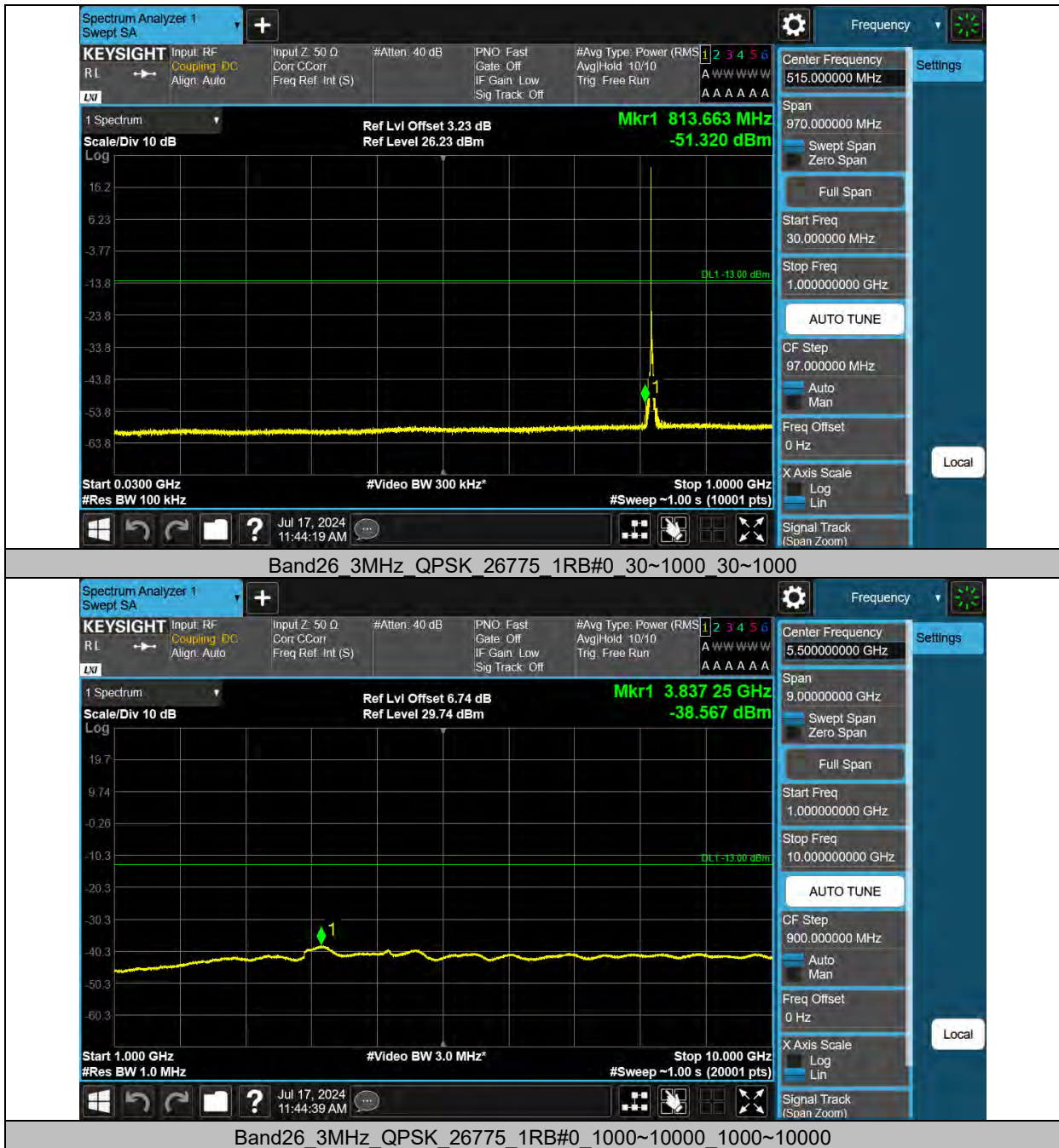
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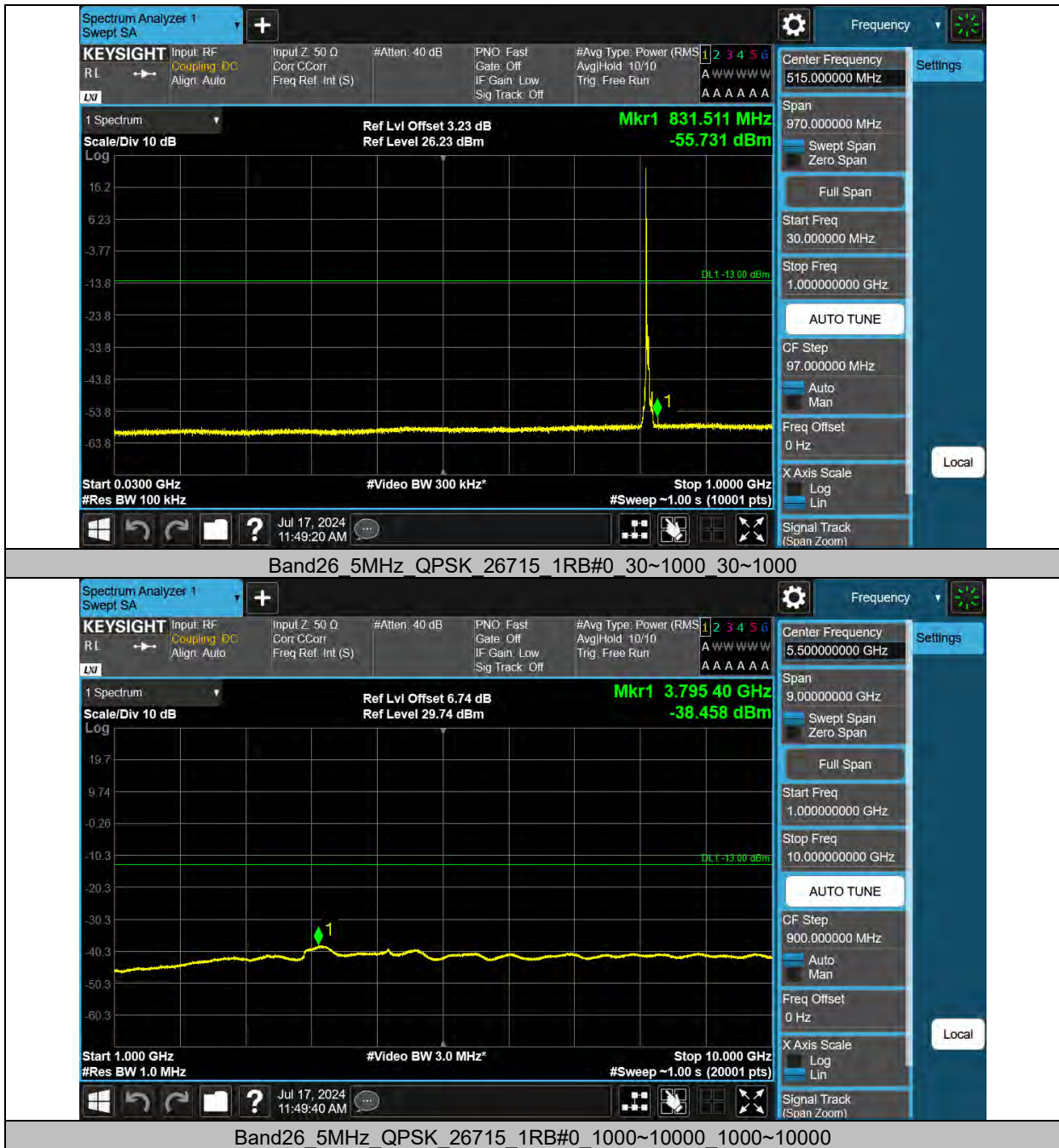






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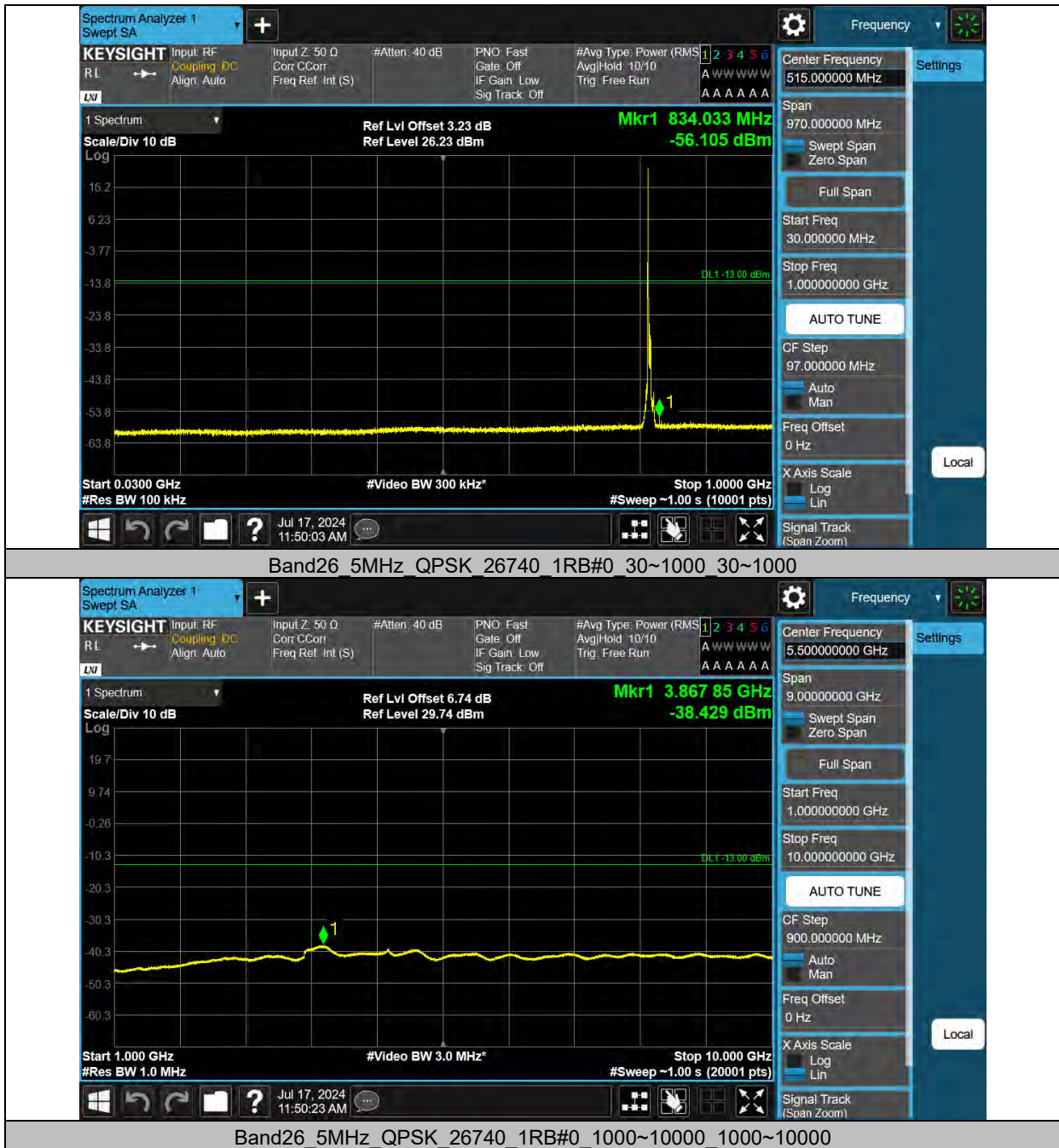






BUREAU VERITAS

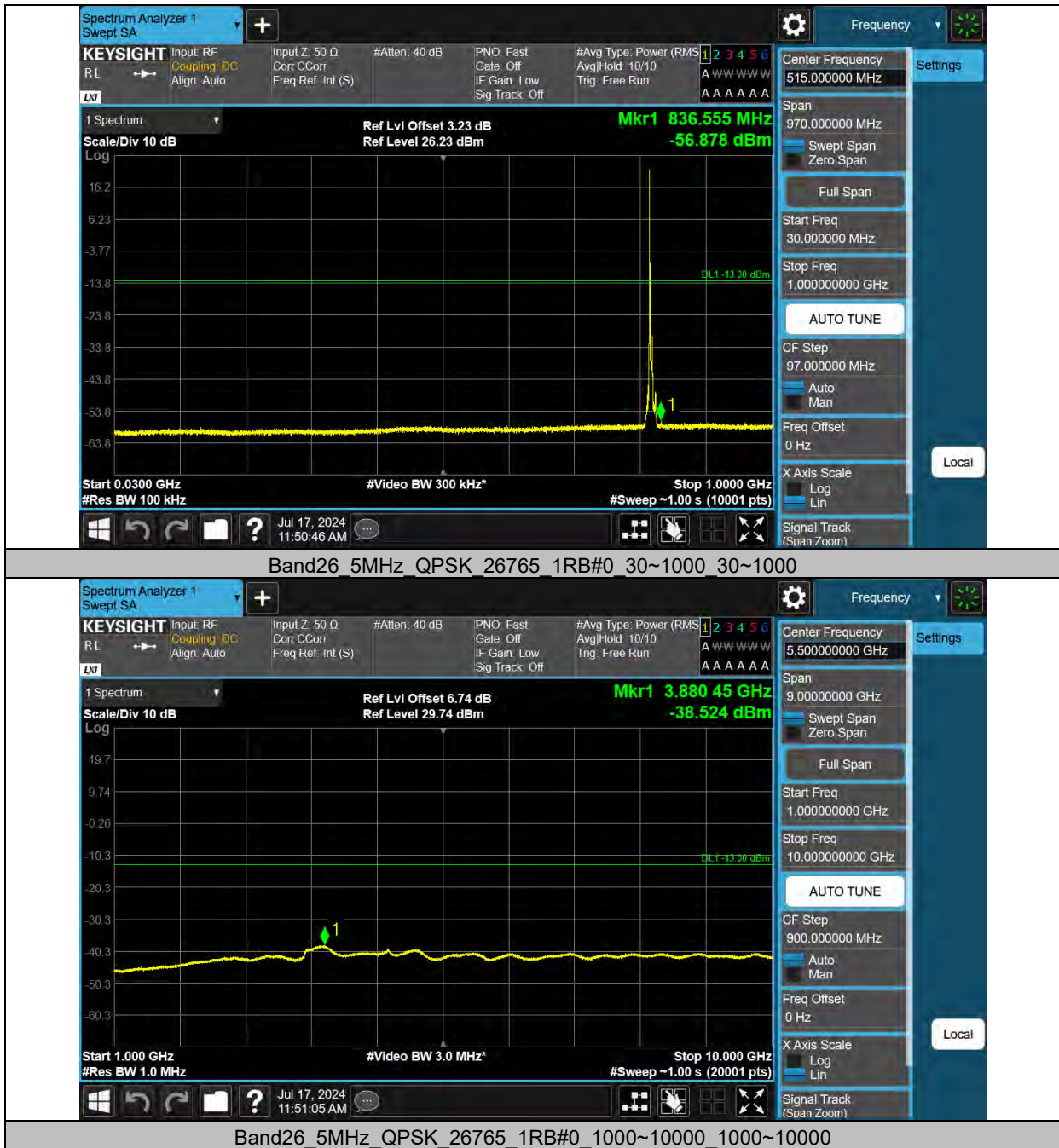
### Test Report No.: W7L-240618W002RF10





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### Test Report No.: W7L-240618W002RF10

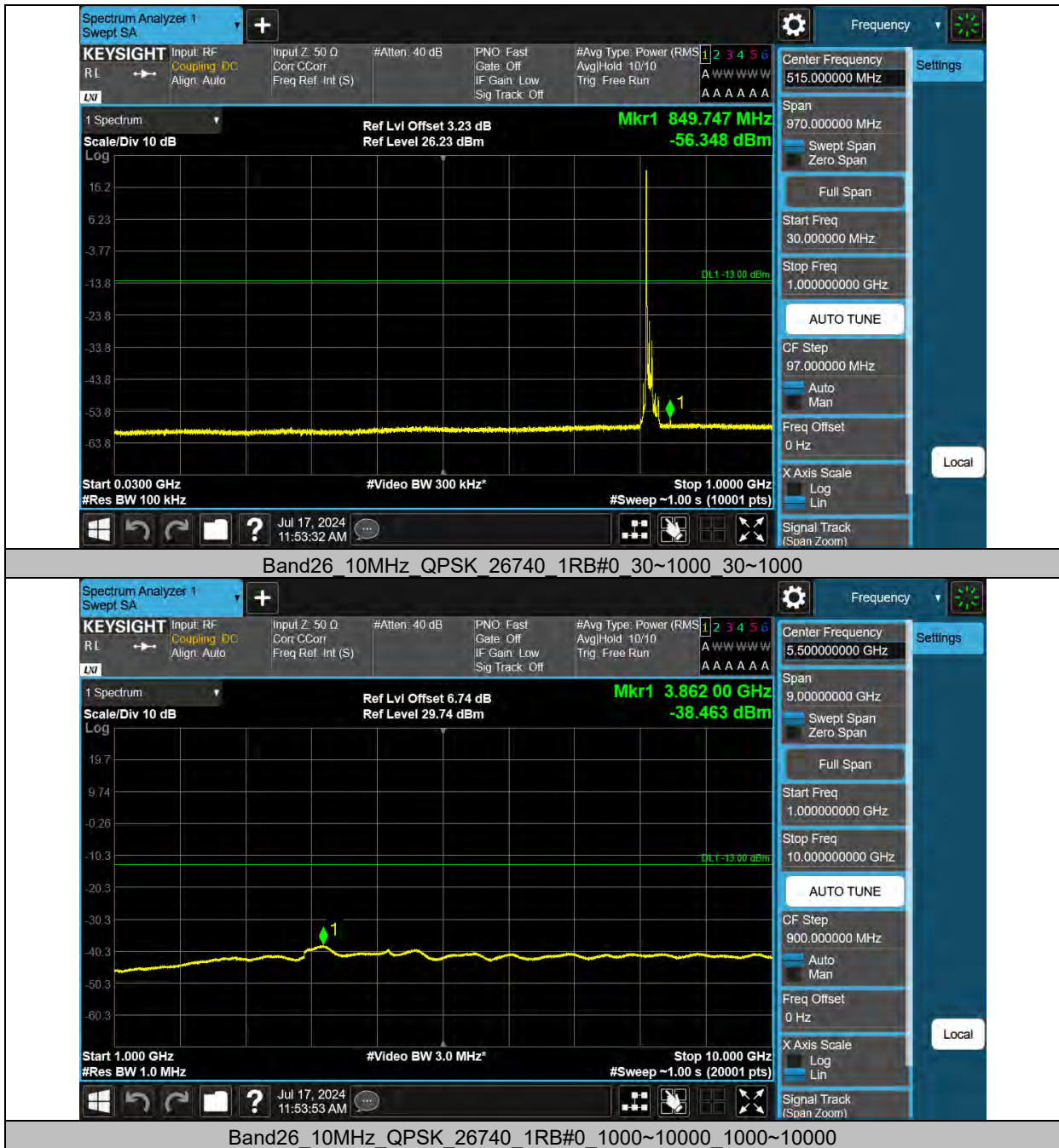






BUREAU VERITAS

### Test Report No.: W7L-240618W002RF10





## FREQUENCY STABILITY

### Test Result

| Voltage      |           |            |         |                  |               |                  |                |                 |           |           |             |         |
|--------------|-----------|------------|---------|------------------|---------------|------------------|----------------|-----------------|-----------|-----------|-------------|---------|
| Band         | Bandwidth | Modulation | Channel | RB Configuration | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | FL (MHz)  | FH (MHz)  | Limit (MHz) | Verdict |
| 26(81 4-824) | 5MHz      | QPSK       | 26715   | 25RB #0          | VN            | NT               | -1073.00       | -1.314148       | 814.25881 | --        | 814-824     | PASS    |
| 26(81 4-824) | 5MHz      | QPSK       | 26715   | 25RB #0          | VL            | NT               | 1205.08        | 1.475911        | 814.25816 | --        | 814-824     | PASS    |
| 26(81 4-824) | 5MHz      | QPSK       | 26715   | 25RB #0          | VH            | NT               | -1296.21       | -1.587522       | 814.25821 | --        | 814-824     | PASS    |
| 26(81 4-824) | 5MHz      | QPSK       | 26765   | 25RB #0          | VN            | NT               | 996.90         | 1.213511        | --        | 823.73295 | 814-824     | PASS    |
| 26(81 4-824) | 5MHz      | QPSK       | 26765   | 25RB #0          | VL            | NT               | -1168.00       | -1.421795       | --        | 823.73145 | 814-824     | PASS    |
| 26(81 4-824) | 5MHz      | QPSK       | 26765   | 25RB #0          | VH            | NT               | -1424.13       | -1.733568       | --        | 823.73234 | 814-824     | PASS    |

| Temperature  |           |            |         |                  |               |                  |                |                 |           |           |             |         |
|--------------|-----------|------------|---------|------------------|---------------|------------------|----------------|-----------------|-----------|-----------|-------------|---------|
| Band         | Bandwidth | Modulation | Channel | RB Configuration | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | FL (MHz)  | FH (MHz)  | Limit (MHz) | Verdict |
| 26(81 4-824) | 5MHz      | QPSK       | 26715   | 25RB #0          | NV            | -30              | -1090.92       | -1.336094       | 814.25775 | --        | 814-824     | PASS    |
| 26(81 4-824) | 5MHz      | QPSK       | 26715   | 25RB #0          | NV            | -20              | 1123.32        | 1.375771        | 814.25717 | --        | 814-824     | PASS    |
| 26(81 4-824) | 5MHz      | QPSK       | 26715   | 25RB #0          | NV            | -10              | -1166.19       | -1.428279       | 814.2612  | --        | 814-824     | PASS    |
| 26(81 4-824) | 5MHz      | QPSK       | 26715   | 25RB #0          | NV            | 0                | -1150.93       | -1.409586       | 814.26015 | --        | 814-824     | PASS    |
| 26(81 4-824) | 5MHz      | QPSK       | 26715   | 25RB #0          | NV            | 10               | 1055.27        | 1.292433        | 814.25736 | --        | 814-824     | PASS    |
| 26(81 4-824) | 5MHz      | QPSK       | 26715   | 25RB #0          | NV            | 20               | -1197.77       | -1.466961       | 814.25783 | --        | 814-824     | PASS    |
| 26(81 4-824) | 5MHz      | QPSK       | 26715   | 25RB #0          | NV            | 30               | 1047.61        | 1.283046        | 814.25931 | --        | 814-824     | PASS    |
| 26(81 4-824) | 5MHz      | QPSK       | 26715   | 25RB #0          | NV            | 40               | 885.19         | 1.084125        | 814.26033 | --        | 814-824     | PASS    |
| 26(81 4-824) | 5MHz      | QPSK       | 26715   | 25RB #0          | NV            | 50               | -1063.61       | -1.302641       | 814.2597  | --        | 814-824     | PASS    |
| 26(81 4-824) | 5MHz      | QPSK       | 26765   | 25RB #0          | NV            | -30              | 868.31         | 1.056985        | --        | 823.73222 | 814-824     | PASS    |
| 26(81 4-824) | 5MHz      | QPSK       | 26765   | 25RB #0          | NV            | -20              | -1013.61       | -1.233856       | --        | 823.73228 | 814-824     | PASS    |
| 26(81 4-824) | 5MHz      | QPSK       | 26765   | 25RB #0          | NV            | -10              | -1232.20       | -1.499944       | --        | 823.73467 | 814-824     | PASS    |
| 26(81 4-824) | 5MHz      | QPSK       | 26765   | 25RB #0          | NV            | 0                | 1106.0         | 1.346           | --        | 823.7     | 814-824     | PASS    |



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Test Report No.: W7L-240618W002RF10

|                 |      |      |       |            |    |    |              |               |    |               |             |      |
|-----------------|------|------|-------|------------|----|----|--------------|---------------|----|---------------|-------------|------|
| 4-824)          |      |      |       | #0         |    |    | 6            | 397           |    | 3219          | 24          |      |
| 26(81<br>4-824) | 5MHz | QPSK | 26765 | 25RB<br>#0 | NV | 10 | 955.3<br>0   | 1.162<br>878  | -- | 823.7<br>3068 | 814-8<br>24 | PASS |
| 26(81<br>4-824) | 5MHz | QPSK | 26765 | 25RB<br>#0 | NV | 20 | -459.7<br>6  | -0.559<br>664 | -- | 823.7<br>3268 | 814-8<br>24 | PASS |
| 26(81<br>4-824) | 5MHz | QPSK | 26765 | 25RB<br>#0 | NV | 30 | -651.0<br>0  | -0.792<br>455 | -- | 823.7<br>3195 | 814-8<br>24 | PASS |
| 26(81<br>4-824) | 5MHz | QPSK | 26765 | 25RB<br>#0 | NV | 40 | -1132.<br>64 | -1.378<br>746 | -- | 823.7<br>3399 | 814-8<br>24 | PASS |
| 26(81<br>4-824) | 5MHz | QPSK | 26765 | 25RB<br>#0 | NV | 50 | -1285.<br>64 | -1.564<br>986 | -- | 823.7<br>3236 | 814-8<br>24 | PASS |

---END---