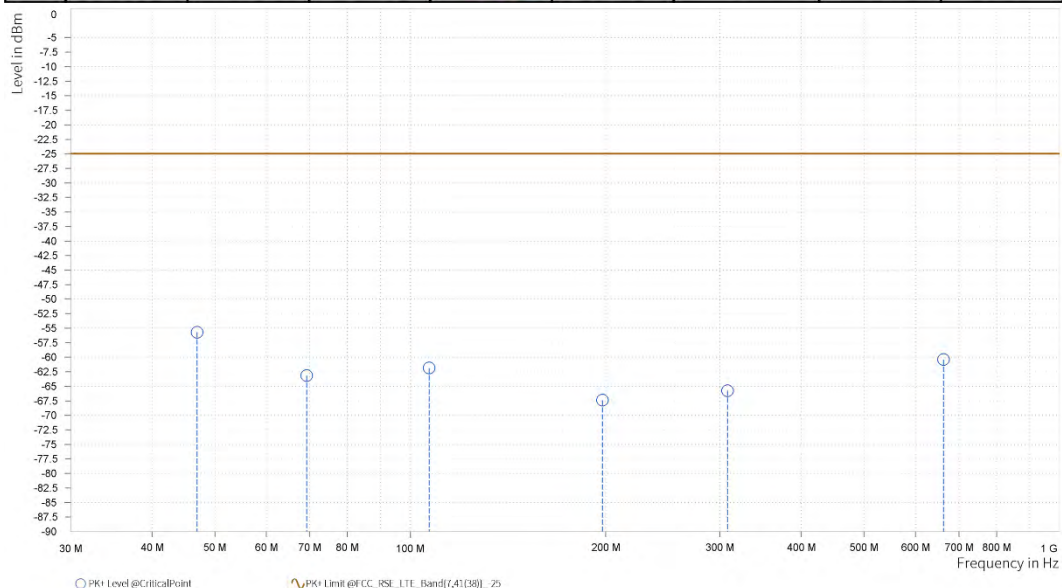




|                          |                  |                 |               |
|--------------------------|------------------|-----------------|---------------|
| MODE                     | TX channel 40620 | FREQUENCY RANGE | 30 MHz – 1GHz |
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH  | INPUT POWER     | AC 120V 60HZ  |
| TESTED BY                | Hanwen Xu        |                 |               |

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|--------------|---------------|--------------------|
| 1  | 46.927          | -55.70          | -25.00          | 30.70           | 10.00           | V            | 0.9           | 2.00               |
| 1  | 69.237          | -63.17          | -25.00          | 38.17           | 5.76            | V            | 0.9           | 2.00               |
| 1  | 106.921         | -61.84          | -25.00          | 36.84           | 9.18            | V            | 349.3         | 1.00               |
| 1  | 197.713         | -67.40          | -25.00          | 42.40           | 7.23            | V            | 359           | 2.00               |
| 1  | 308.002         | -65.76          | -25.00          | 40.76           | 9.50            | V            | 46            | 1.00               |
| 1  | 662.392         | -60.40          | -25.00          | 35.40           | 15.02           | V            | 156.2         | 2.00               |





ABOVE 1GHz

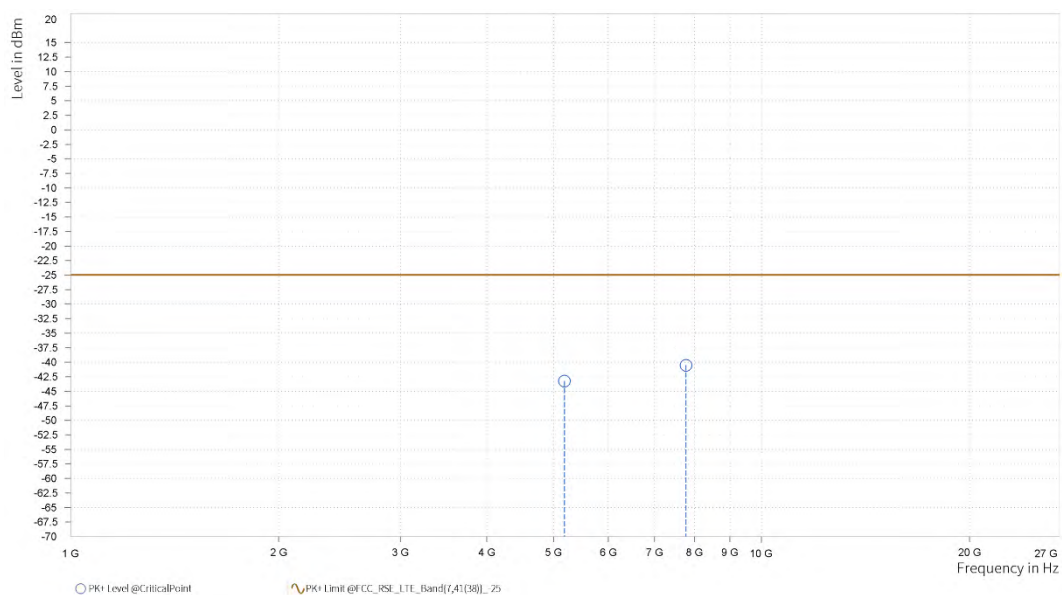
**Note:** For higher frequency, the emission is too low to be detected.

LTE BAND 41\_ANT1

|                   |               |                          |                  |
|-------------------|---------------|--------------------------|------------------|
| CHANNEL BANDWIDTH | 5MHz / QPSK   | MODE                     | TX channel 40620 |
| FREQUENCY RANGE   | Above 1000MHz | ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH  |
| INPUT POWER       | AC 120V 60HZ  | TESTED BY                | Hanwen Xu        |

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|--------------|---------------|--------------------|
| 4  | 5,181.500       | -43.23          | -25.00          | 18.23           | 31.73           | H            | 275.7         | 1.00               |
| 4  | 7,772.250       | -40.54          | -25.00          | 15.54           | 36.49           | H            | 1             | 1.00               |

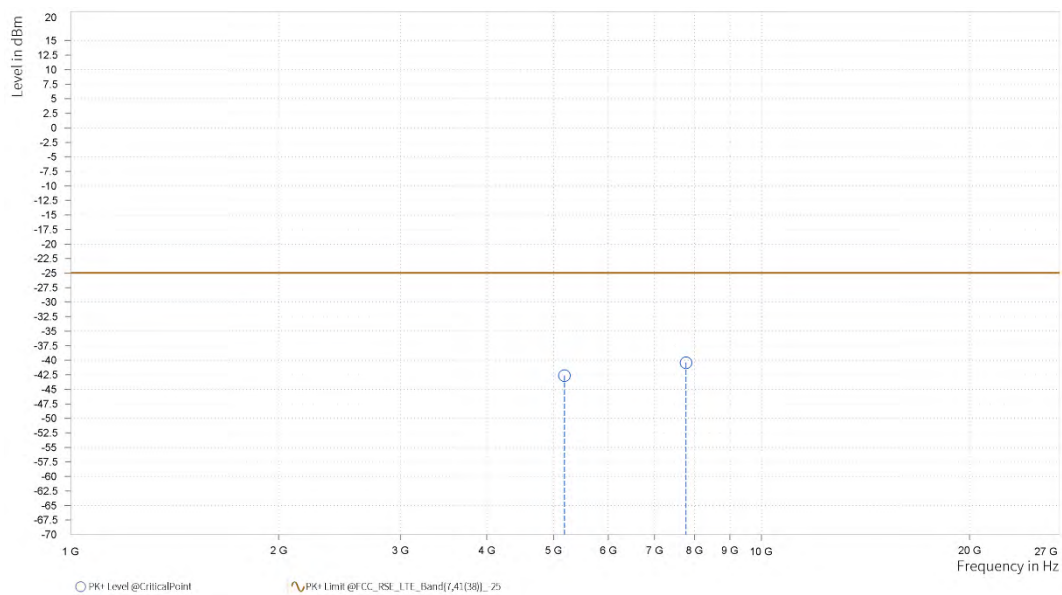




|                   |               |                          |                  |
|-------------------|---------------|--------------------------|------------------|
| CHANNEL BANDWIDTH | 5MHz / QPSK   | MODE                     | TX channel 40620 |
| FREQUENCY RANGE   | Above 1000MHz | ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH  |
| INPUT POWER       | AC 120V 60HZ  | TESTED BY                | Hanwen Xu        |

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|--------------|---------------|--------------------|
| 4  | 5,181.500       | -42.63          | -25.00          | 17.63           | 31.67           | V            | 359           | 1.00               |
| 4  | 7,772.250       | -40.41          | -25.00          | 15.41           | 36.54           | V            | 239.8         | 1.00               |

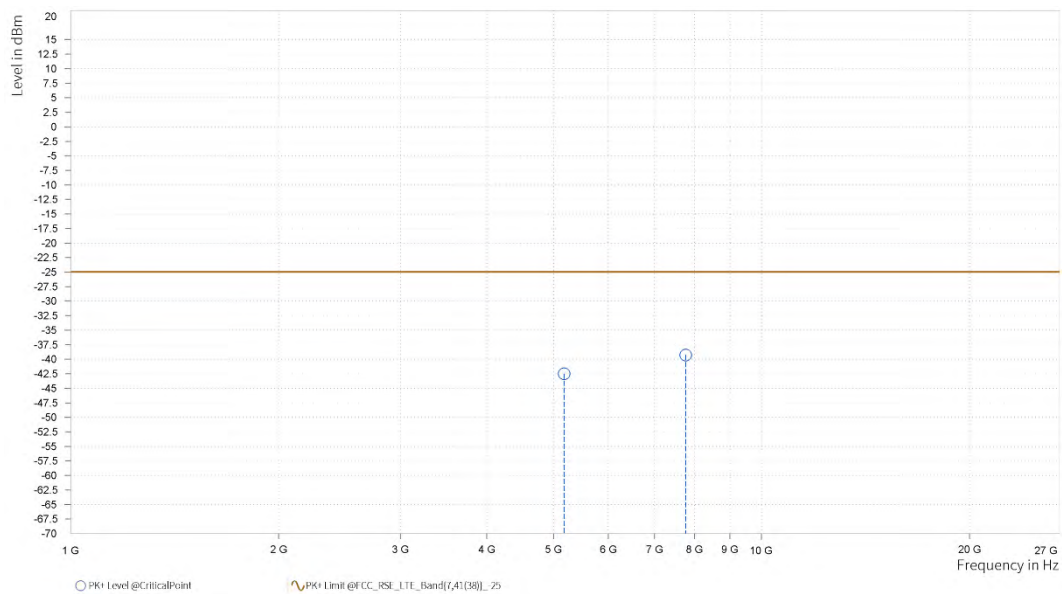




|                   |               |                          |                  |
|-------------------|---------------|--------------------------|------------------|
| CHANNEL BANDWIDTH | 10MHz / QPSK  | MODE                     | TX channel 40620 |
| FREQUENCY RANGE   | Above 1000MHz | ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH  |
| INPUT POWER       | AC 120V 60HZ  | TESTED BY                | Hanwen Xu        |

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|--------------|---------------|--------------------|
| 4  | 5,177.000       | -42.48          | -25.00          | 17.48           | 31.83           | H            | 109.5         | 2.00               |
| 4  | 7,765.500       | -39.26          | -25.00          | 14.26           | 36.84           | H            | 0.9           | 2.00               |

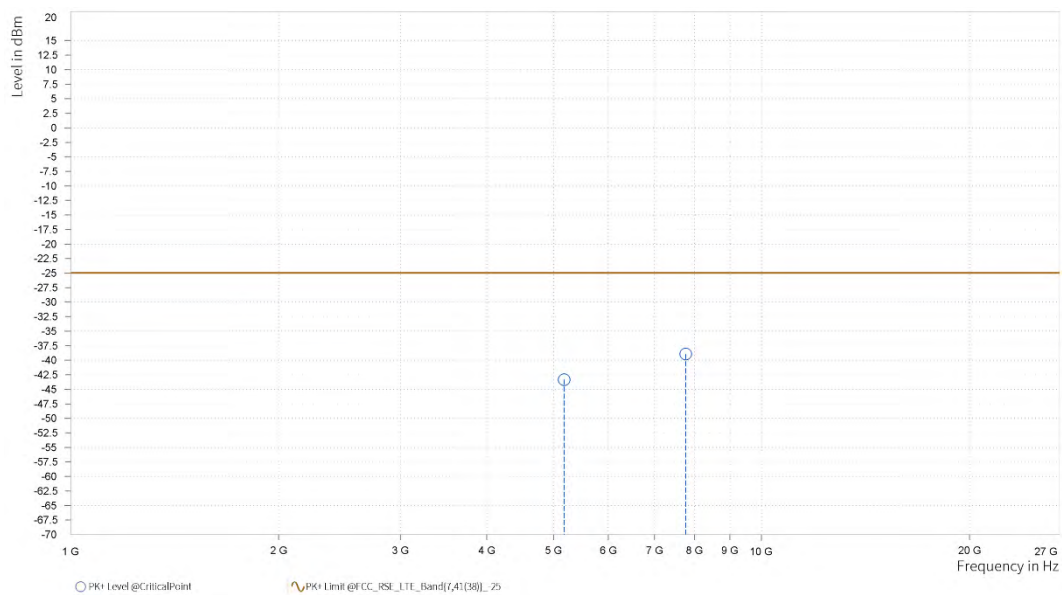




|                   |               |                          |                  |
|-------------------|---------------|--------------------------|------------------|
| CHANNEL BANDWIDTH | 10MHz / QPSK  | MODE                     | TX channel 40620 |
| FREQUENCY RANGE   | Above 1000MHz | ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH  |
| INPUT POWER       | AC 120V 60HZ  | TESTED BY                | Hanwen Xu        |

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|--------------|---------------|--------------------|
| 4  | 5,177.000       | -43.34          | -25.00          | 18.34           | 31.76           | V            | 359           | 2.00               |
| 4  | 7,765.500       | -38.95          | -25.00          | 13.95           | 36.88           | V            | 1             | 1.00               |



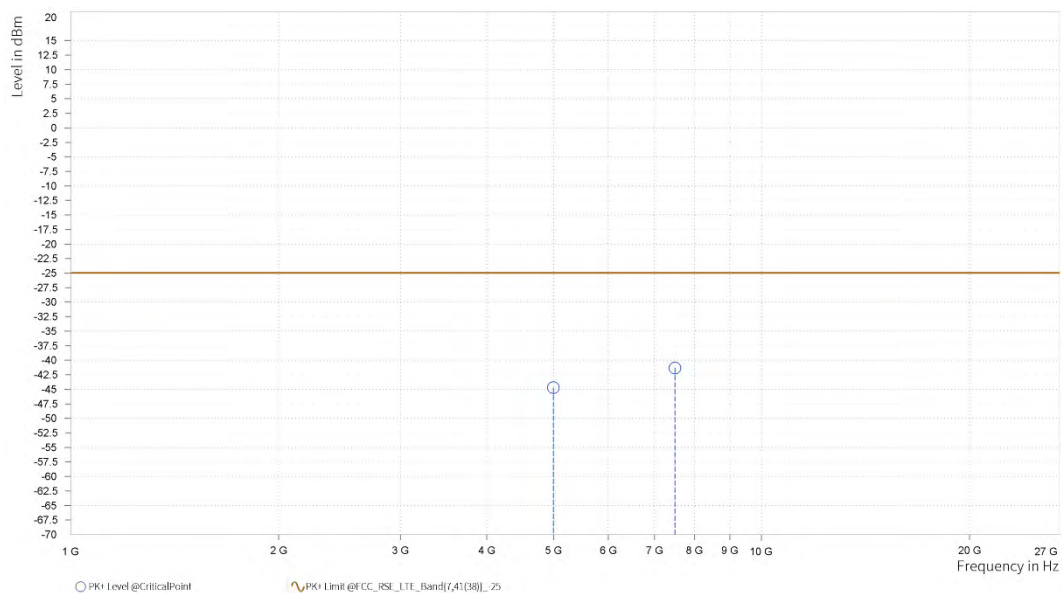


CH39725

|                   |               |                          |                  |
|-------------------|---------------|--------------------------|------------------|
| CHANNEL BANDWIDTH | 15MHz / QPSK  | MODE                     | TX channel 39725 |
| FREQUENCY RANGE   | Above 1000MHz | ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH  |
| INPUT POWER       | AC 120V 60HZ  | TESTED BY                | Hanwen Xu        |

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|--------------|---------------|--------------------|
| 4  | 4,993.500       | -44.73          | -25.00          | 19.73           | 30.10           | H            | 126.2         | 2.00               |
| 4  | 7,490.250       | -41.36          | -25.00          | 16.36           | 35.12           | H            | 0.9           | 2.00               |

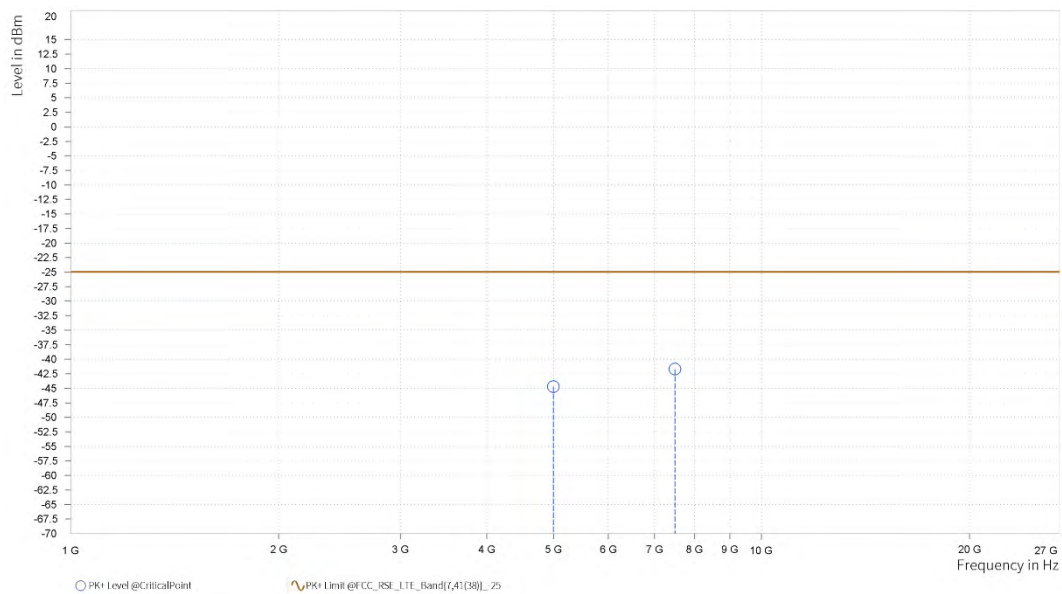




|                   |               |                          |                  |
|-------------------|---------------|--------------------------|------------------|
| CHANNEL BANDWIDTH | 15MHz / QPSK  | MODE                     | TX channel 39725 |
| FREQUENCY RANGE   | Above 1000MHz | ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH  |
| INPUT POWER       | AC 120V 60HZ  | TESTED BY                | Hanwen Xu        |

## ANTENNA POLARITY &amp; TEST DISTANCE: VERTICAL AT 3 M

| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|--------------|---------------|--------------------|
| 4  | 4,993.500       | -44.71          | -25.00          | 19.71           | 29.96           | V            | 359.1         | 1.00               |
| 4  | 7,490.250       | -41.70          | -25.00          | 16.70           | 35.31           | V            | 54.5          | 2.00               |

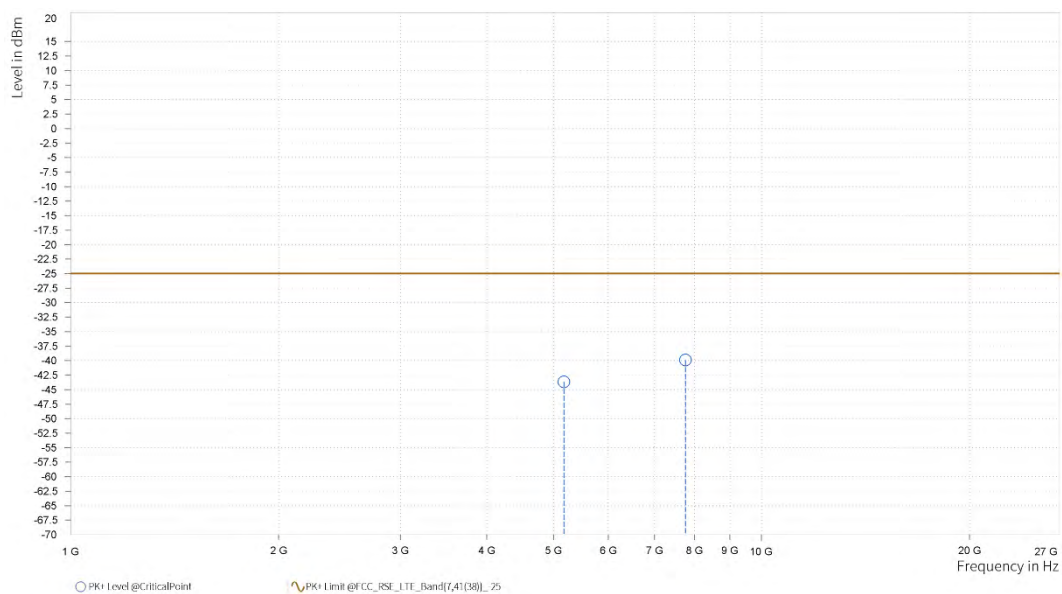




|                   |               |                          |                  |
|-------------------|---------------|--------------------------|------------------|
| CHANNEL BANDWIDTH | 15MHz / QPSK  | MODE                     | TX channel 40620 |
| FREQUENCY RANGE   | Above 1000MHz | ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH  |
| INPUT POWER       | AC 120V 60HZ  | TESTED BY                | Hanwen Xu        |

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|--------------|---------------|--------------------|
| 4  | 5,172.500       | -43.64          | -25.00          | 18.64           | 31.90           | H            | 0.9           | 2.00               |
| 4  | 7,758.750       | -39.89          | -25.00          | 14.89           | 37.06           | H            | 359           | 2.00               |

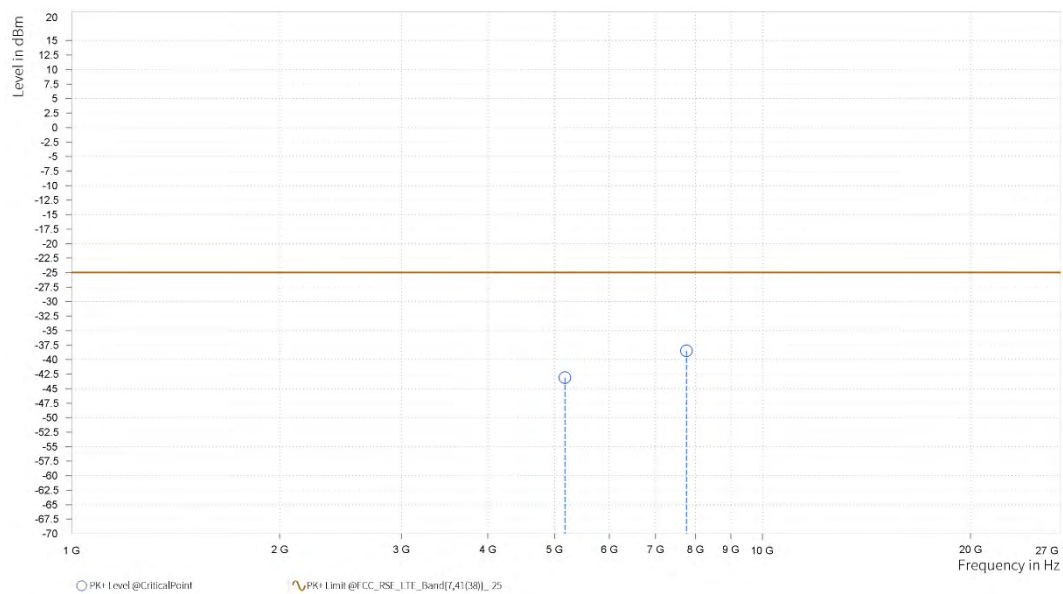




|                          |               |                                 |                  |
|--------------------------|---------------|---------------------------------|------------------|
| <b>CHANNEL BANDWIDTH</b> | 15MHz / QPSK  | <b>MODE</b>                     | TX channel 40620 |
| <b>FREQUENCY RANGE</b>   | Above 1000MHz | <b>ENVIRONMENTAL CONDITIONS</b> | 23deg. C, 70%RH  |
| <b>INPUT POWER</b>       | AC 120V 60HZ  | <b>TESTED BY</b>                | Hanwen Xu        |

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|--------------|---------------|--------------------|
| 4  | 5,172.500       | -43.11          | -25.00          | 18.11           | 31.82           | V            | 123.8         | 2.00               |
| 4  | 7,758.750       | -38.45          | -25.00          | 13.45           | 37.09           | V            | 123.8         | 2.00               |

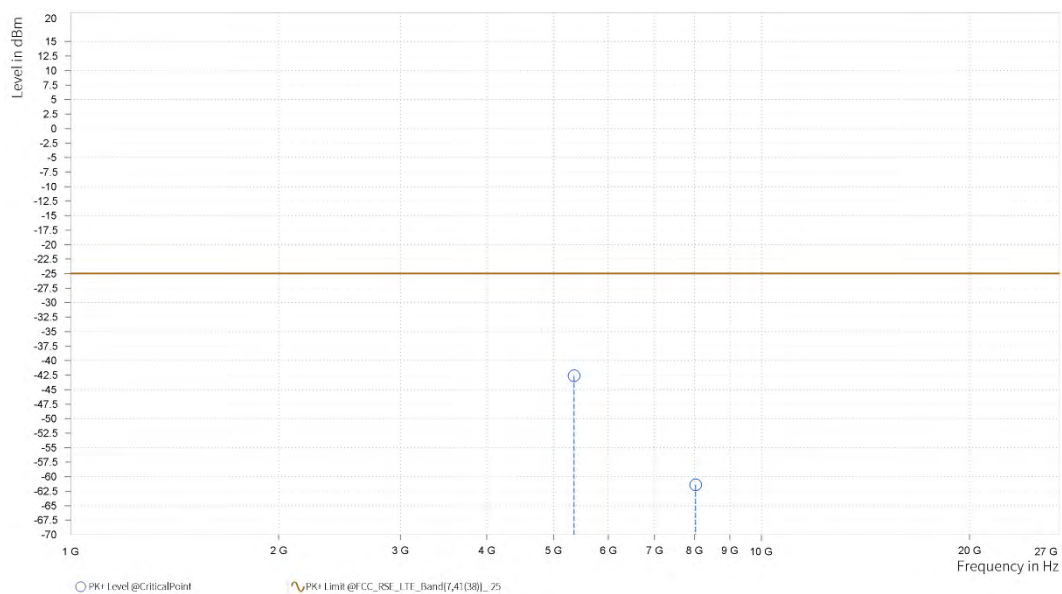




|                   |               |                          |                  |
|-------------------|---------------|--------------------------|------------------|
| CHANNEL BANDWIDTH | 15MHz / QPSK  | MODE                     | TX channel 41515 |
| FREQUENCY RANGE   | Above 1000MHz | ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH  |
| INPUT POWER       | AC 120V 60HZ  | TESTED BY                | Hanwen Xu        |

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|--------------|---------------|--------------------|
| 4  | 5,351.500       | -42.62          | -25.00          | 17.62           | 32.93           | H            | 1             | 2.00               |
| 6  | 8,027.250       | -61.39          | -25.00          | 36.39           | 21.43           | H            | 333           | 1.00               |

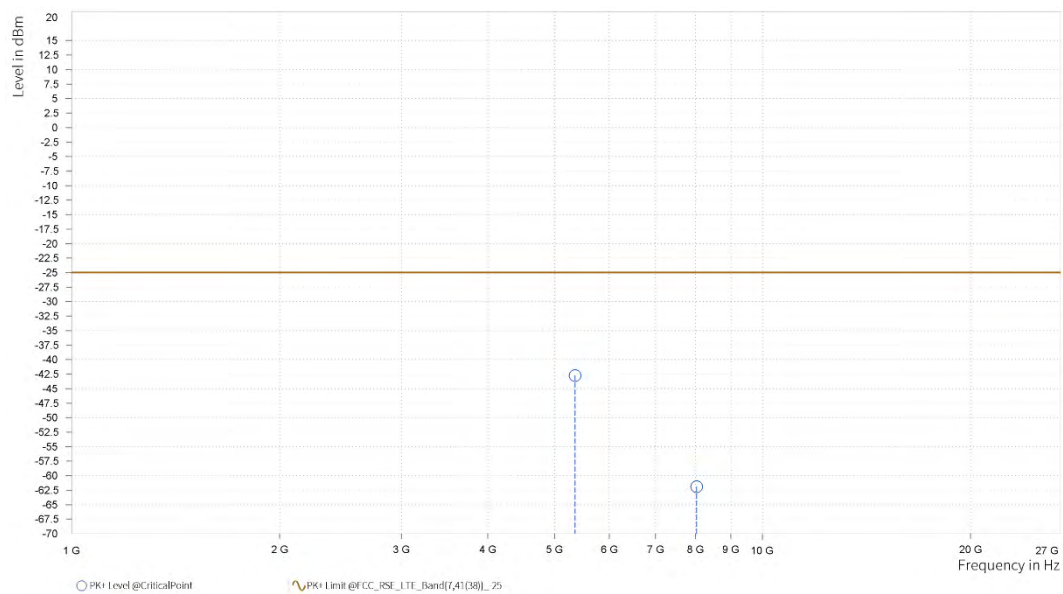




|                   |               |                          |                  |
|-------------------|---------------|--------------------------|------------------|
| CHANNEL BANDWIDTH | 15MHz / QPSK  | MODE                     | TX channel 41515 |
| FREQUENCY RANGE   | Above 1000MHz | ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH  |
| INPUT POWER       | AC 120V 60HZ  | TESTED BY                | Hanwen Xu        |

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|--------------|---------------|--------------------|
| 4  | 5,351.500       | -42.75          | -25.00          | 17.75           | 32.76           | V            | 359           | 1.00               |
| 6  | 8,027.250       | -61.89          | -25.00          | 36.89           | 21.41           | V            | 1             | 2.00               |

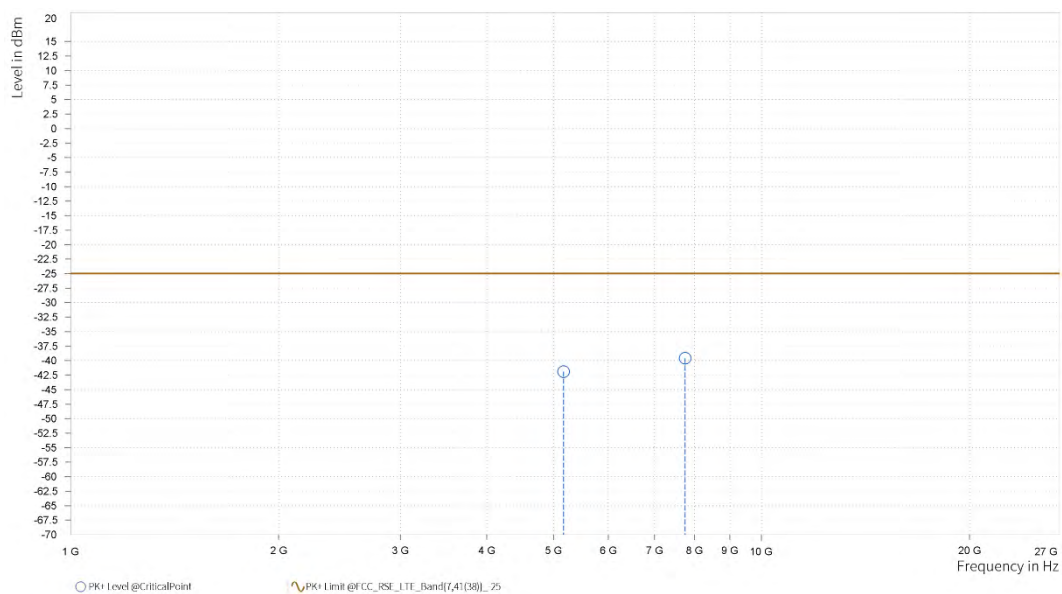




|                   |               |                          |                  |
|-------------------|---------------|--------------------------|------------------|
| CHANNEL BANDWIDTH | 20MHz / QPSK  | MODE                     | TX channel 40620 |
| FREQUENCY RANGE   | Above 1000MHz | ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH  |
| INPUT POWER       | AC 120V 60HZ  | TESTED BY                | Hanwen Xu        |

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|--------------|---------------|--------------------|
| 4  | 5,168.000       | -41.88          | -25.00          | 16.88           | 31.98           | H            | 359           | 1.00               |
| 4  | 7,752.000       | -39.58          | -25.00          | 14.58           | 36.47           | H            | 1             | 1.00               |

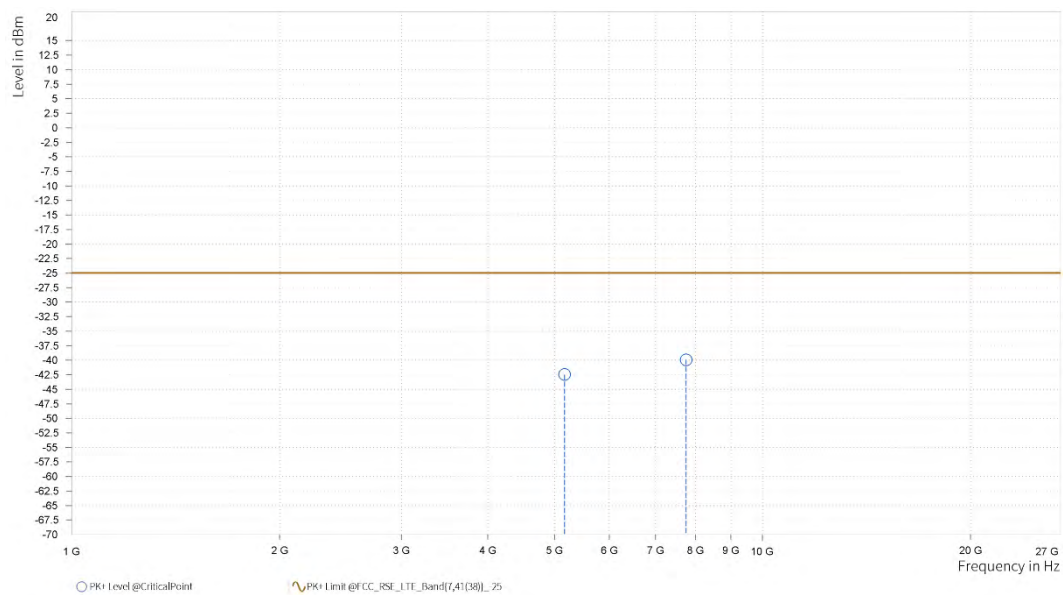




|                   |               |                          |                  |
|-------------------|---------------|--------------------------|------------------|
| CHANNEL BANDWIDTH | 20MHz / QPSK  | MODE                     | TX channel 40620 |
| FREQUENCY RANGE   | Above 1000MHz | ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH  |
| INPUT POWER       | AC 120V 60HZ  | TESTED BY                | Hanwen Xu        |

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|--------------|---------------|--------------------|
| 4  | 5,168.000       | -42.46          | -25.00          | 17.46           | 31.90           | V            | 0.9           | 2.00               |
| 4  | 7,752.000       | -39.93          | -25.00          | 14.93           | 36.50           | V            | 1             | 1.00               |



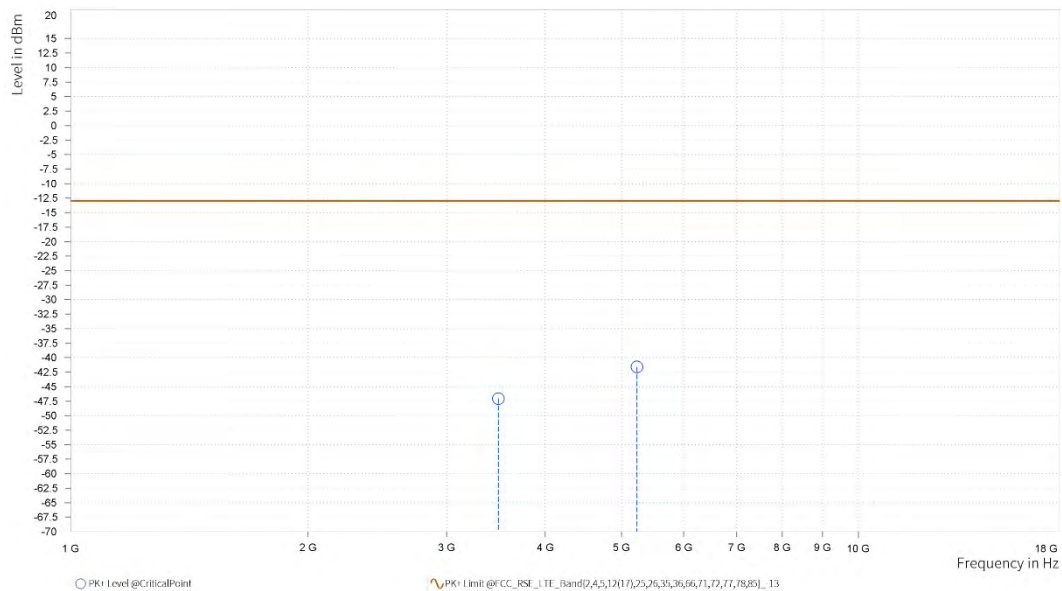


LTE Band 66\_ ANT1

|                   |               |                          |                   |
|-------------------|---------------|--------------------------|-------------------|
| CHANNEL BANDWIDTH | 1.4MHz / QPSK | MODE                     | TX channel 132322 |
| FREQUENCY RANGE   | Above 1000MHz | ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH   |
| INPUT POWER       | AC 120V 60HZ  | TESTED BY                | Hanwen Xu         |

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|--------------|---------------|--------------------|
| 4  | 3,488.740       | -47.06          | -13.00          | 34.06           | 26.26           | H            | 359           | 1.00               |
| 4  | 5,233.110       | -41.61          | -13.00          | 28.61           | 33.18           | H            | 359           | 2.00               |

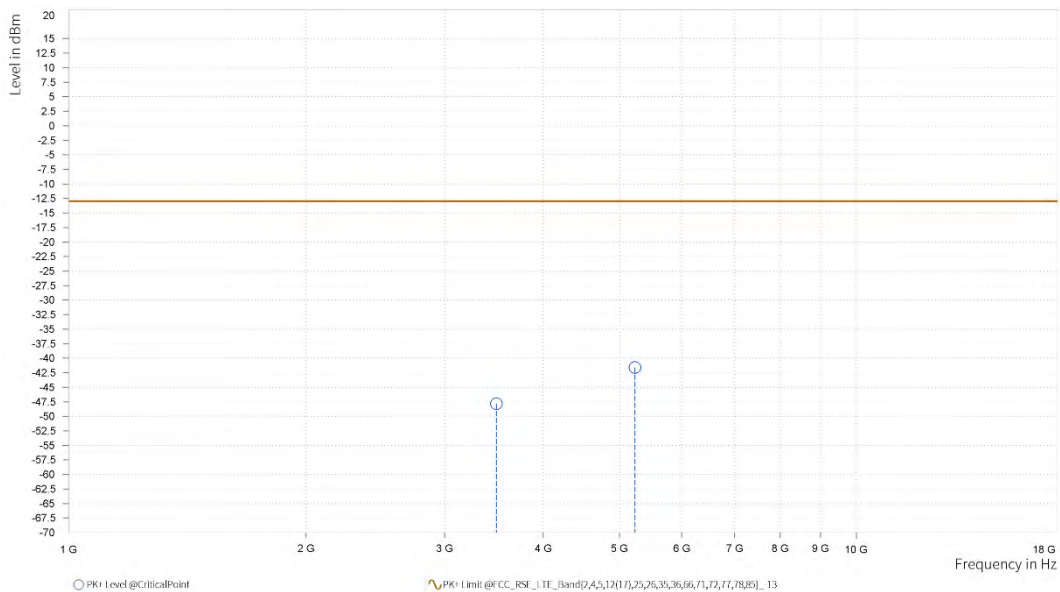




|                   |               |                          |                   |
|-------------------|---------------|--------------------------|-------------------|
| CHANNEL BANDWIDTH | 1.4MHz / QPSK | MODE                     | TX channel 132322 |
| FREQUENCY RANGE   | Above 1000MHz | ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH   |
| INPUT POWER       | AC 120V 60HZ  | TESTED BY                | Hanwen Xu         |

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|--------------|---------------|--------------------|
| 4  | 3,488.740       | -47.84          | -13.00          | 34.84           | 26.03           | V            | 0.9           | 2.00               |
| 4  | 5,233.110       | -41.60          | -13.00          | 28.60           | 33.15           | V            | 256.6         | 1.00               |

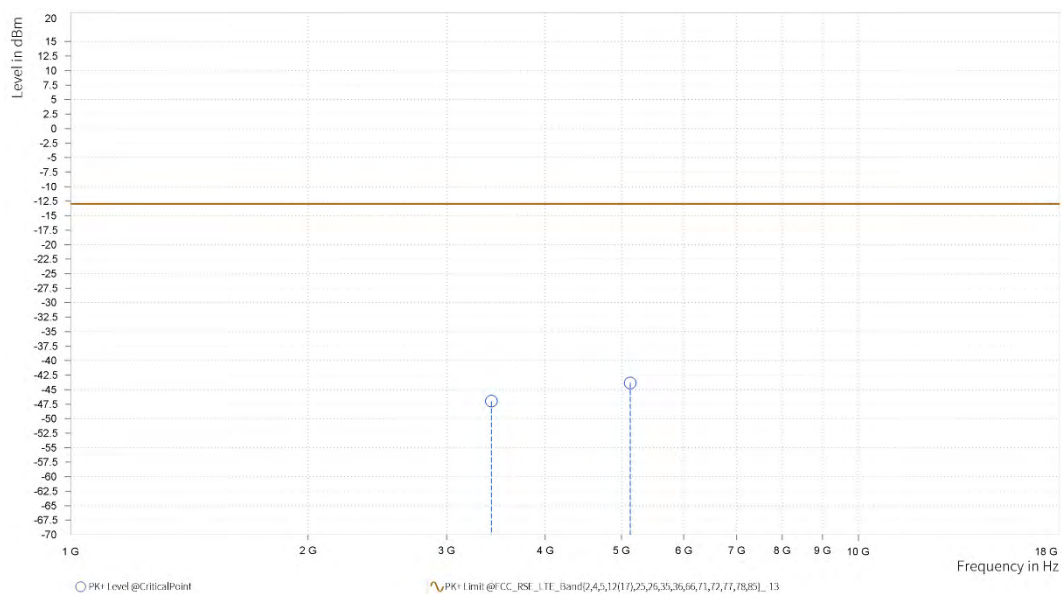




|                   |               |                          |                   |
|-------------------|---------------|--------------------------|-------------------|
| CHANNEL BANDWIDTH | 3MHz / QPSK   | MODE                     | TX channel 131987 |
| FREQUENCY RANGE   | Above 1000MHz | ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH   |
| INPUT POWER       | AC 120V 60HZ  | TESTED BY                | Hanwen Xu         |

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|--------------|---------------|--------------------|
| 4  | 3,420.300       | -46.98          | -13.00          | 33.98           | 26.84           | H            | 1             | 1.00               |
| 4  | 5,130.450       | -43.84          | -13.00          | 30.84           | 30.99           | H            | 1             | 1.00               |

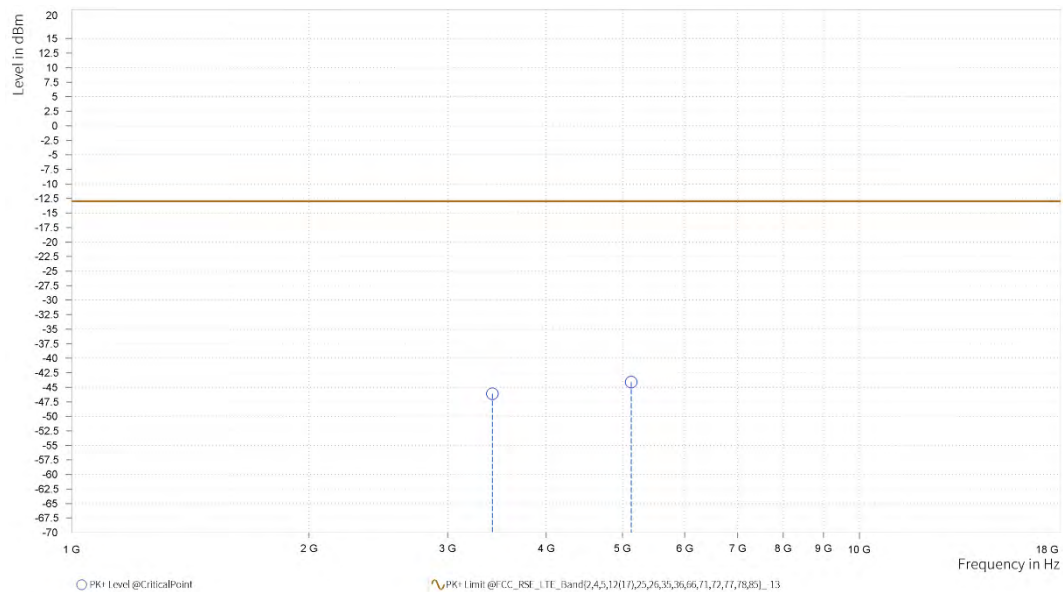




|                   |               |                          |                   |
|-------------------|---------------|--------------------------|-------------------|
| CHANNEL BANDWIDTH | 3MHz / QPSK   | MODE                     | TX channel 131987 |
| FREQUENCY RANGE   | Above 1000MHz | ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH   |
| INPUT POWER       | AC 120V 60HZ  | TESTED BY                | Hanwen Xu         |

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|--------------|---------------|--------------------|
| 4  | 3,420.300       | -46.12          | -13.00          | 33.12           | 26.64           | V            | 359           | 1.00               |
| 4  | 5,130.450       | -44.11          | -13.00          | 31.11           | 30.85           | V            | 0.9           | 2.00               |

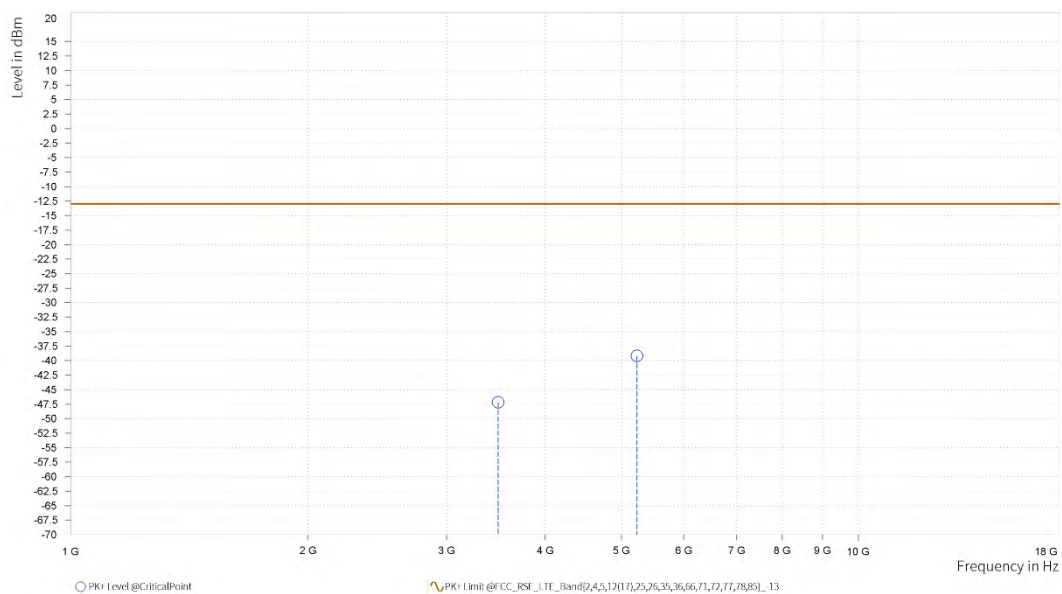




|                   |               |                          |                   |
|-------------------|---------------|--------------------------|-------------------|
| CHANNEL BANDWIDTH | 3MHz / QPSK   | MODE                     | TX channel 132322 |
| FREQUENCY RANGE   | Above 1000MHz | ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH   |
| INPUT POWER       | AC 120V 60HZ  | TESTED BY                | Hanwen Xu         |

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|--------------|---------------|--------------------|
| 4  | 3,487.300       | -47.19          | -13.00          | 34.19           | 26.27           | H            | 1             | 1.00               |
| 4  | 5,230.950       | -39.18          | -13.00          | 26.18           | 33.48           | H            | 255.3         | 1.00               |

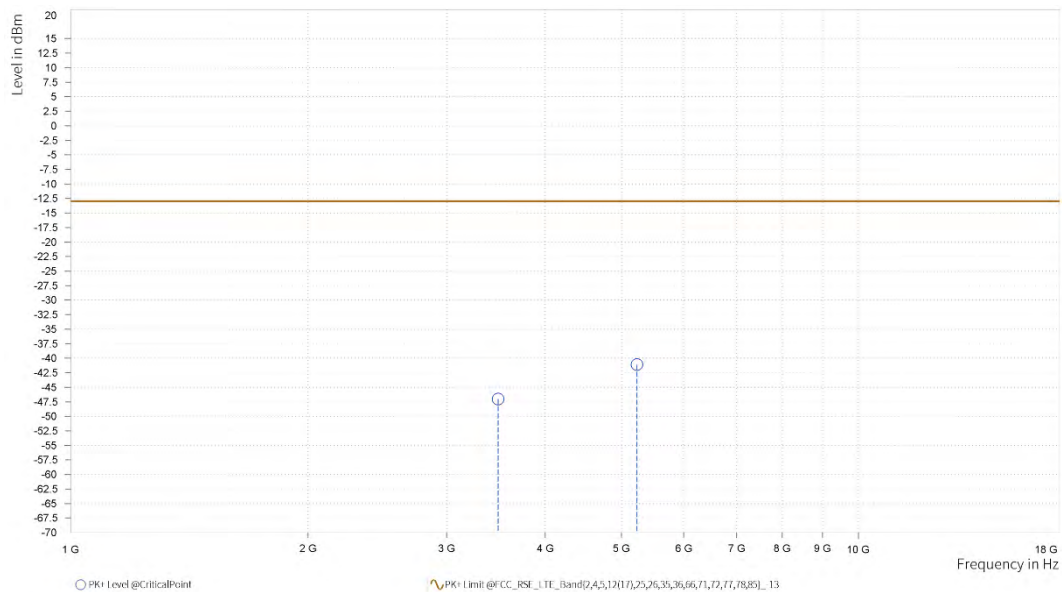




|                   |               |                          |                   |
|-------------------|---------------|--------------------------|-------------------|
| CHANNEL BANDWIDTH | 3MHz / QPSK   | MODE                     | TX channel 132322 |
| FREQUENCY RANGE   | Above 1000MHz | ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH   |
| INPUT POWER       | AC 120V 60HZ  | TESTED BY                | Hanwen Xu         |

## ANTENNA POLARITY &amp; TEST DISTANCE: VERTICAL AT 3 M

| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|--------------|---------------|--------------------|
| 4  | 3,487.300       | -47.03          | -13.00          | 34.03           | 26.04           | V            | 359           | 2.00               |
| 4  | 5,230.950       | -41.10          | -13.00          | 28.10           | 33.45           | V            | 1             | 1.00               |

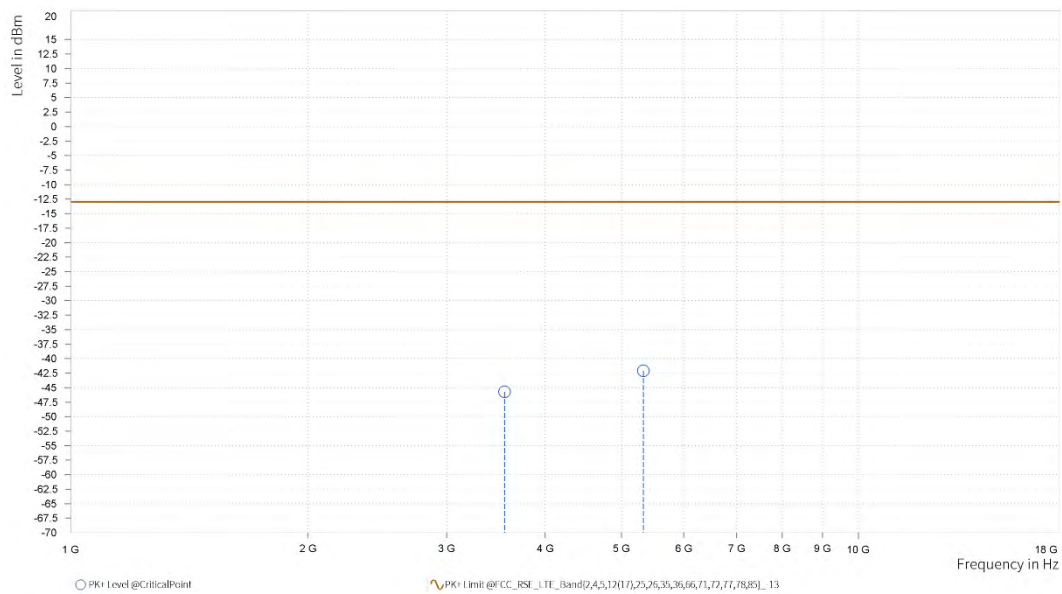




|                   |               |                          |                   |
|-------------------|---------------|--------------------------|-------------------|
| CHANNEL BANDWIDTH | 3MHz / QPSK   | MODE                     | TX channel 132657 |
| FREQUENCY RANGE   | Above 1000MHz | ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH   |
| INPUT POWER       | AC 120V 60HZ  | TESTED BY                | Hanwen Xu         |

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|--------------|---------------|--------------------|
| 4  | 3,554.300       | -45.72          | -13.00          | 32.72           | 26.42           | H            | 241           | 1.00               |
| 4  | 5,331.450       | -42.11          | -13.00          | 29.11           | 32.68           | H            | 241           | 1.00               |

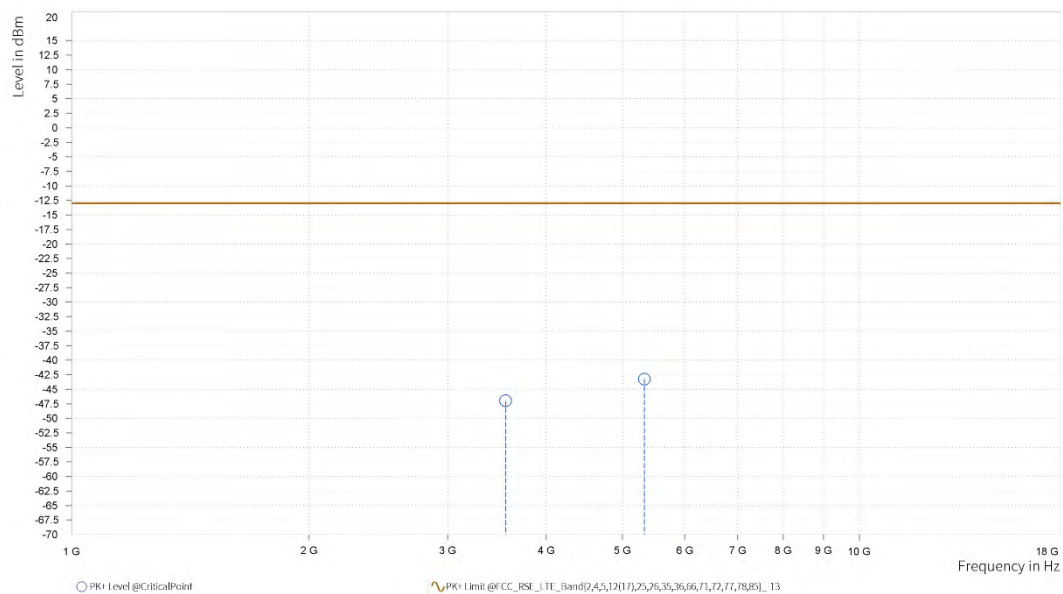




|                   |               |                          |                   |
|-------------------|---------------|--------------------------|-------------------|
| CHANNEL BANDWIDTH | 3MHz / QPSK   | MODE                     | TX channel 132657 |
| FREQUENCY RANGE   | Above 1000MHz | ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH   |
| INPUT POWER       | AC 120V 60HZ  | TESTED BY                | Hanwen Xu         |

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|--------------|---------------|--------------------|
| 4  | 3,554.300       | -46.99          | -13.00          | 33.99           | 26.34           | V            | 359           | 1.00               |
| 4  | 5,331.450       | -43.24          | -13.00          | 30.24           | 32.54           | V            | 359           | 2.00               |

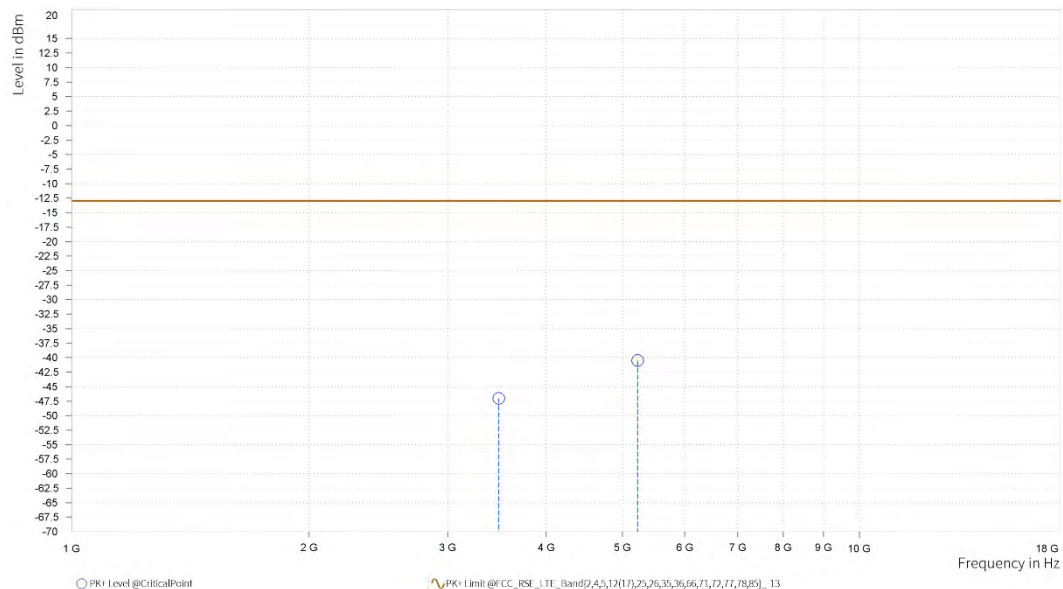




|                   |               |                          |                   |
|-------------------|---------------|--------------------------|-------------------|
| CHANNEL BANDWIDTH | 5MHz / QPSK   | MODE                     | TX channel 132322 |
| FREQUENCY RANGE   | Above 1000MHz | ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH   |
| INPUT POWER       | AC 120V 60HZ  | TESTED BY                | Hanwen Xu         |
| TESTED BY         | Hanwen Xu     |                          |                   |

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|--------------|---------------|--------------------|
| 4  | 3,485.500       | -47.02          | -13.00          | 34.02           | 26.29           | H            | 359           | 2.00               |
| 4  | 5,228.250       | -40.49          | -13.00          | 27.49           | 33.39           | H            | 359           | 2.00               |

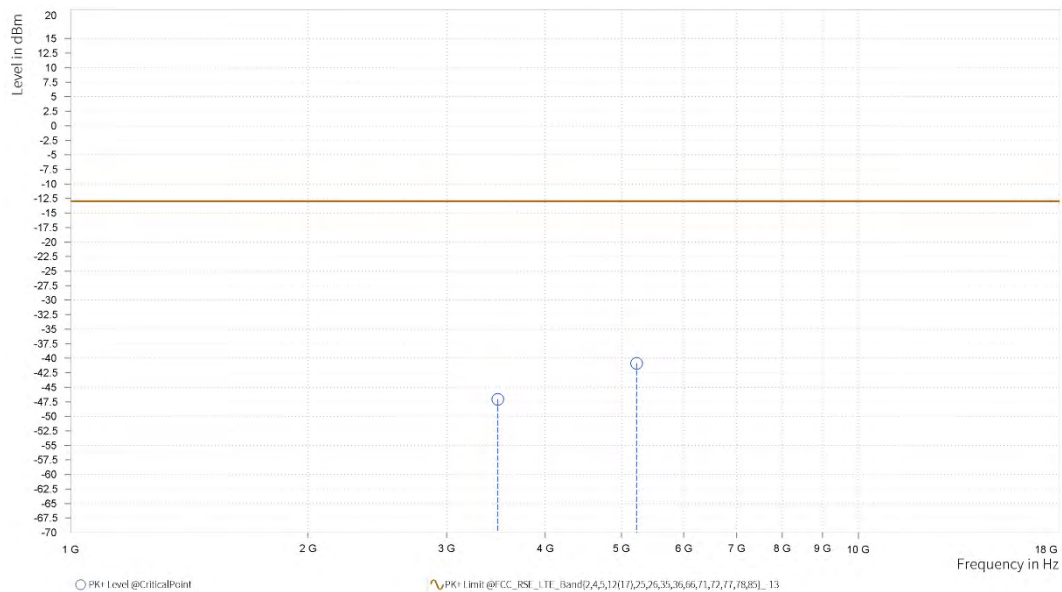




|                   |               |                          |                   |
|-------------------|---------------|--------------------------|-------------------|
| CHANNEL BANDWIDTH | 5MHz / QPSK   | MODE                     | TX channel 132322 |
| FREQUENCY RANGE   | Above 1000MHz | ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH   |
| INPUT POWER       | AC 120V 60HZ  | TESTED BY                | Hanwen Xu         |

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|--------------|---------------|--------------------|
| 4  | 3,485.500       | -47.07          | -13.00          | 34.07           | 26.06           | V            | 1             | 1.00               |
| 4  | 5,228.250       | -40.88          | -13.00          | 27.88           | 33.37           | V            | 359           | 1.00               |

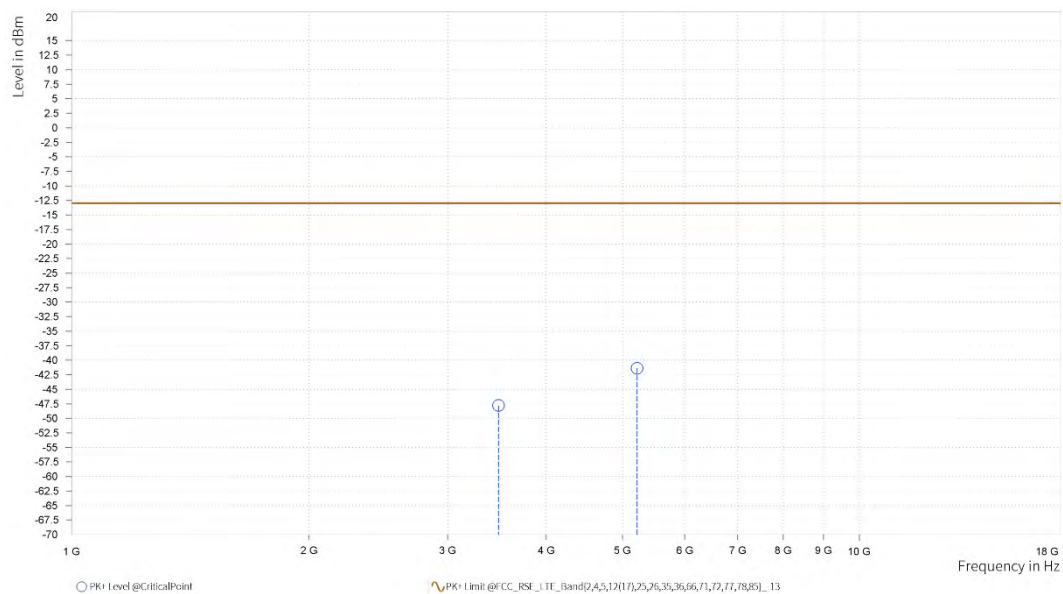




|                   |               |                          |                   |
|-------------------|---------------|--------------------------|-------------------|
| CHANNEL BANDWIDTH | 10MHz / QPSK  | MODE                     | TX channel 132322 |
| FREQUENCY RANGE   | Above 1000MHz | ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH   |
| INPUT POWER       | AC 120V 60HZ  | TESTED BY                | Hanwen Xu         |

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|--------------|---------------|--------------------|
| 4  | 3,481.000       | -47.79          | -13.00          | 34.79           | 26.35           | H            | 1             | 1.00               |
| 4  | 5,221.500       | -41.37          | -13.00          | 28.37           | 32.64           | H            | 359           | 2.00               |

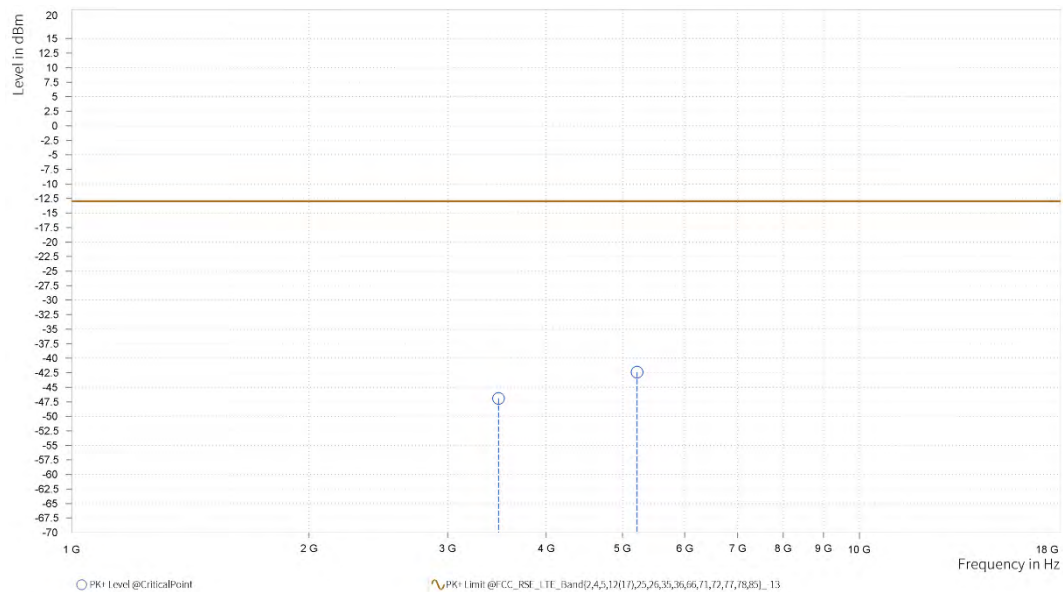




|                   |               |                          |                   |
|-------------------|---------------|--------------------------|-------------------|
| CHANNEL BANDWIDTH | 10MHz / QPSK  | MODE                     | TX channel 132322 |
| FREQUENCY RANGE   | Above 1000MHz | ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH   |
| INPUT POWER       | AC 120V 60HZ  | TESTED BY                | Hanwen Xu         |

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|--------------|---------------|--------------------|
| 4  | 3,481.000       | -46.91          | -13.00          | 33.91           | 26.10           | V            | 359.1         | 1.00               |
| 4  | 5,221.500       | -42.37          | -13.00          | 29.37           | 32.62           | V            | 12.1          | 2.00               |

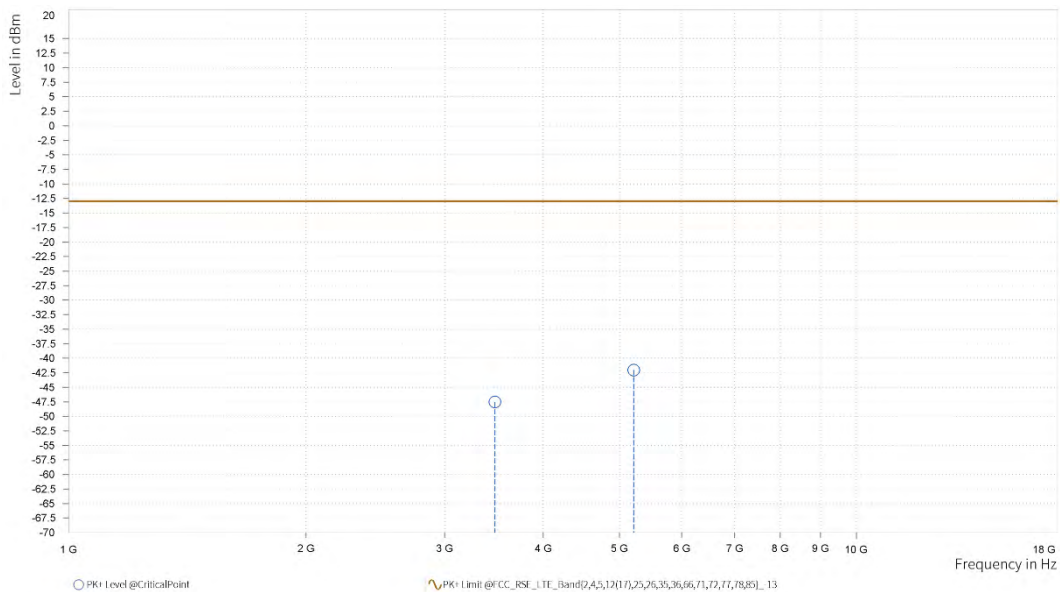




|                   |               |                          |                   |
|-------------------|---------------|--------------------------|-------------------|
| CHANNEL BANDWIDTH | 15MHz / QPSK  | MODE                     | TX channel 132322 |
| FREQUENCY RANGE   | Above 1000MHz | ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH   |
| INPUT POWER       | AC 120V 60HZ  | TESTED BY                | Hanwen Xu         |

## ANTENNA POLARITY &amp; TEST DISTANCE: HORIZONTAL AT 3 M

| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|--------------|---------------|--------------------|
| 4  | 3,476.500       | -47.53          | -13.00          | 34.53           | 26.06           | H            | 359           | 2.00               |
| 4  | 5,214.750       | -42.03          | -13.00          | 29.03           | 32.11           | H            | 235           | 1.00               |

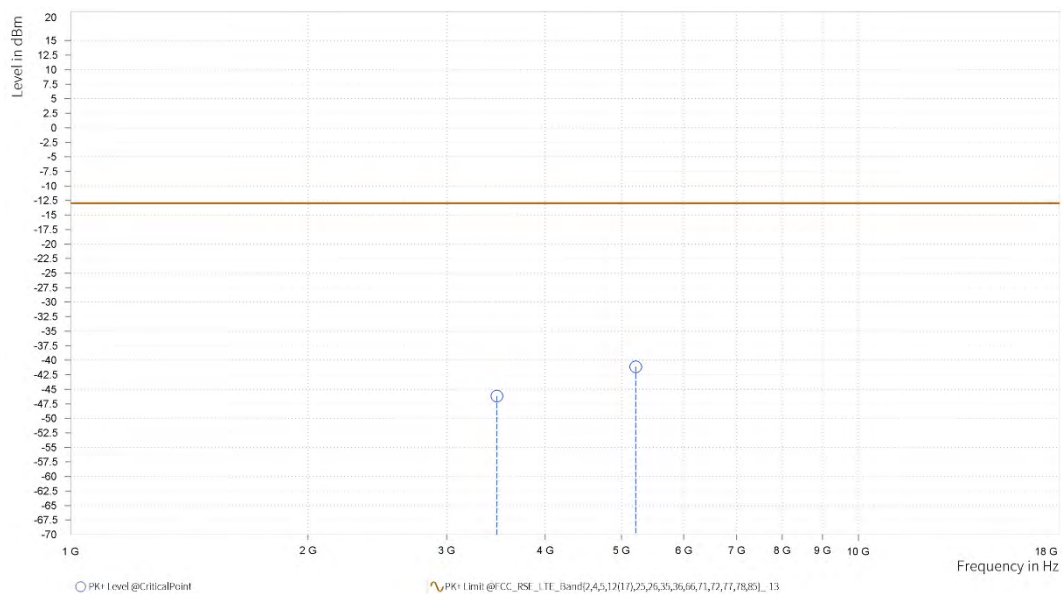




|                   |               |                          |                   |
|-------------------|---------------|--------------------------|-------------------|
| CHANNEL BANDWIDTH | 15MHz / QPSK  | MODE                     | TX channel 132322 |
| FREQUENCY RANGE   | Above 1000MHz | ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH   |
| INPUT POWER       | AC 120V 60HZ  | TESTED BY                | Hanwen Xu         |

## ANTENNA POLARITY &amp; TEST DISTANCE: VERTICAL AT 3 M

| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|--------------|---------------|--------------------|
| 4  | 3,476.500       | -46.15          | -13.00          | 33.15           | 26.32           | V            | 359.1         | 1.00               |
| 4  | 5,214.750       | -41.13          | -13.00          | 28.13           | 32.12           | V            | 1             | 2.00               |

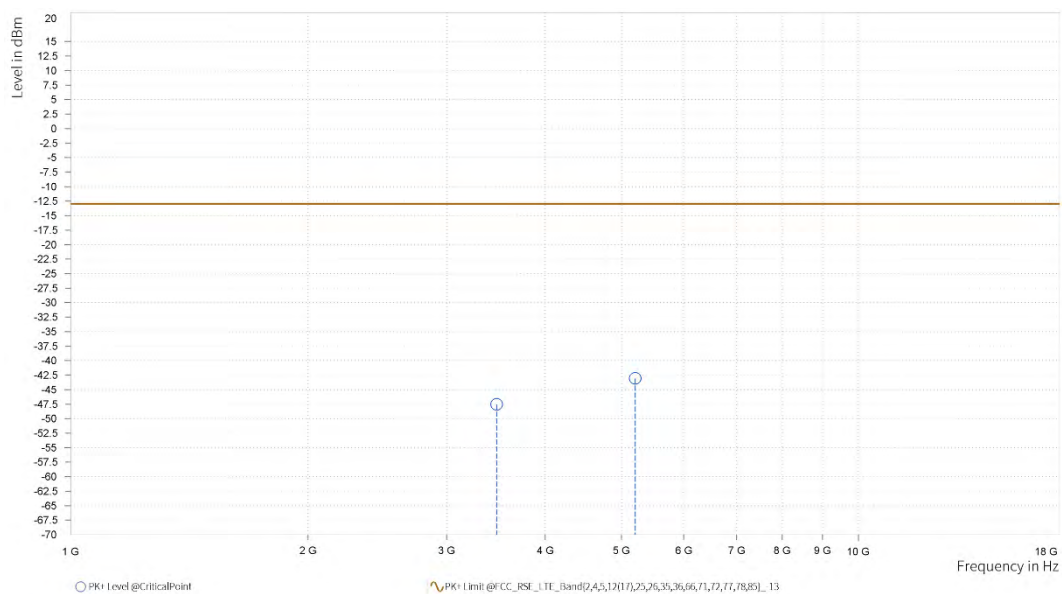




|                   |               |                          |                   |
|-------------------|---------------|--------------------------|-------------------|
| CHANNEL BANDWIDTH | 20MHz / QPSK  | MODE                     | TX channel 132322 |
| FREQUENCY RANGE   | Above 1000MHz | ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH   |
| INPUT POWER       | AC 120V 60HZ  | TESTED BY                | Hanwen Xu         |

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|--------------|---------------|--------------------|
| 4  | 3,472.000       | -47.53          | -13.00          | 34.53           | 26.27           | H            | 359.1         | 1.00               |
| 4  | 5,208.000       | -43.07          | -13.00          | 30.07           | 31.90           | H            | 359.1         | 1.00               |

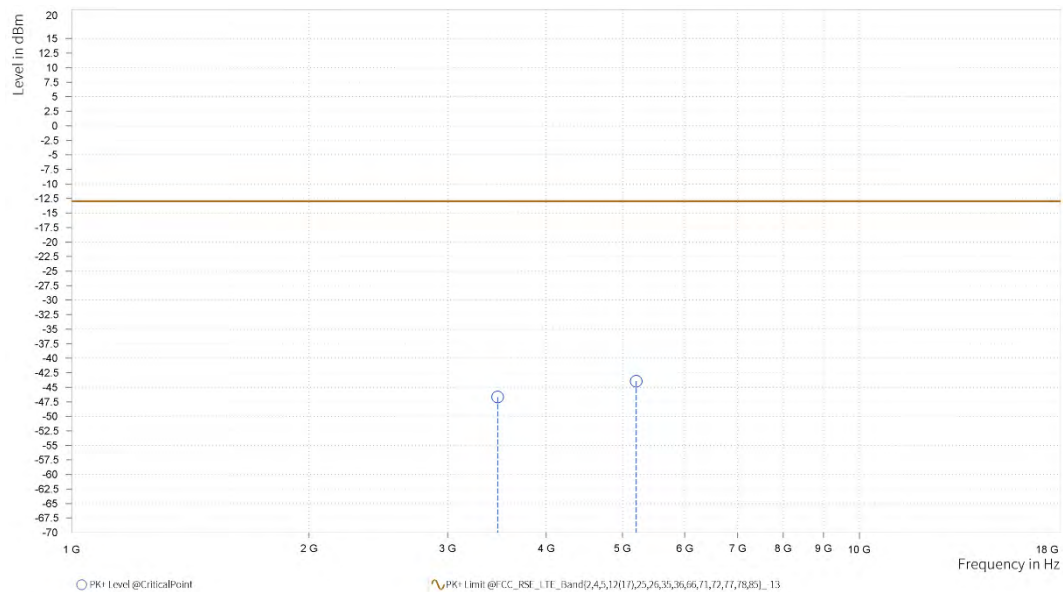




|                   |               |                          |                   |
|-------------------|---------------|--------------------------|-------------------|
| CHANNEL BANDWIDTH | 20MHz / QPSK  | MODE                     | TX channel 132322 |
| FREQUENCY RANGE   | Above 1000MHz | ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH   |
| INPUT POWER       | AC 120V 60HZ  | TESTED BY                | Hanwen Xu         |

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

| Rg | Frequency [MHz] | PK+ Level [dBm] | PK+ Limit [dBm] | PK+ Margin [dB] | Correction [dB] | Polarization | Azimuth [deg] | Antenna Height [m] |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|--------------|---------------|--------------------|
| 4  | 3,472.000       | -46.68          | -13.00          | 33.68           | 26.00           | V            | 359           | 2.00               |
| 4  | 5,208.000       | -43.93          | -13.00          | 30.93           | 31.87           | V            | 1             | 1.00               |

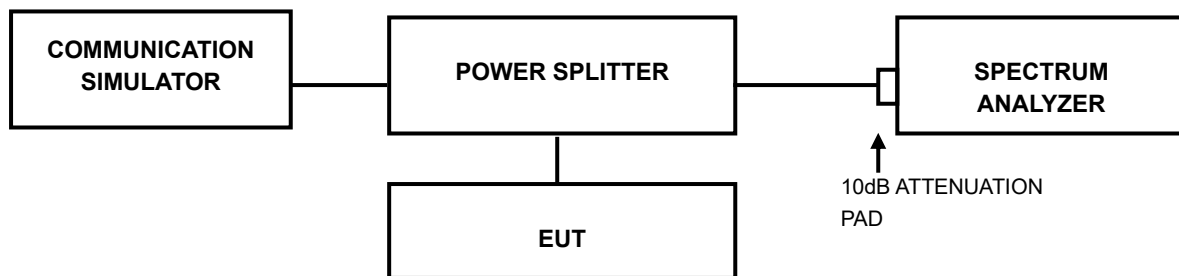


### 3.7 PEAK TO AVERAGE RATIO

#### 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%.

#### 3.7.4 TEST RESULTS

Please Refer to Appendix Of this test report.

## 4 INFORMATION ON THE TESTING LABORATORIES

We, Huarui 7layers High Technology (Suzhou) Co., Ltd. ,were founded in 2020 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are accredited and approved according to ISO/IEC 17025.

Huarui 7Layers High Technology (Suzhou) Co., Ltd.

Lab Address:

Tower N, Innovation Center, 88 Zuyi Road, High-tech District, Suzhou City, Anhui Province, China

Accredited Test Lab Cert 6613.01

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

**Suzhou EMC/RF Lab:**

Tel: +86 (0557) 368 1008



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

No any modifications are made to the EUT by the lab during the test.

## 6 Appendix

### FCC-LTE-B41 (INCLUDING B38)

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

##### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|--------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band41 | 5MHz      | QPSK       | 39675   | 1RB#0            | 3.84       | 13        | PASS    |
| Band41 | 5MHz      | QPSK       | 39675   | 25RB#0           | 4.92       | 13        | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 1RB#0            | 4.20       | 13        | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 25RB#0           | 5.29       | 13        | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 1RB#0            | 4.03       | 13        | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 25RB#0           | 5.07       | 13        | PASS    |
| Band41 | 5MHz      | 64QAM      | 39675   | 1RB#0            | 3.82       | 13        | PASS    |
| Band41 | 5MHz      | 64QAM      | 39675   | 25RB#0           | 4.91       | 13        | PASS    |
| Band41 | 5MHz      | 64QAM      | 40620   | 1RB#0            | 4.19       | 13        | PASS    |
| Band41 | 5MHz      | 64QAM      | 40620   | 25RB#0           | 5.27       | 13        | PASS    |
| Band41 | 5MHz      | 64QAM      | 41565   | 1RB#0            | 4.21       | 13        | PASS    |
| Band41 | 5MHz      | 64QAM      | 41565   | 25RB#0           | 5.07       | 13        | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 1RB#0            | 4.61       | 13        | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 25RB#0           | 5.69       | 13        | PASS    |
| Band41 | 5MHz      | 16QAM      | 40620   | 1RB#0            | 4.93       | 13        | PASS    |
| Band41 | 5MHz      | 16QAM      | 40620   | 25RB#0           | 6.02       | 13        | PASS    |
| Band41 | 5MHz      | 16QAM      | 41565   | 1RB#0            | 4.77       | 13        | PASS    |
| Band41 | 5MHz      | 16QAM      | 41565   | 25RB#0           | 5.82       | 13        | PASS    |
| Band41 | 10MHz     | QPSK       | 39700   | 1RB#0            | 4.23       | 13        | PASS    |
| Band41 | 10MHz     | QPSK       | 39700   | 50RB#0           | 4.91       | 13        | PASS    |
| Band41 | 10MHz     | QPSK       | 40620   | 1RB#0            | 4.74       | 13        | PASS    |
| Band41 | 10MHz     | QPSK       | 40620   | 50RB#0           | 5.26       | 13        | PASS    |
| Band41 | 10MHz     | QPSK       | 41540   | 1RB#0            | 4.45       | 13        | PASS    |
| Band41 | 10MHz     | QPSK       | 41540   | 50RB#0           | 5.03       | 13        | PASS    |
| Band41 | 10MHz     | 64QAM      | 39700   | 1RB#0            | 4.21       | 13        | PASS    |
| Band41 | 10MHz     | 64QAM      | 39700   | 50RB#0           | 4.91       | 13        | PASS    |
| Band41 | 10MHz     | 64QAM      | 40620   | 1RB#0            | 4.73       | 13        | PASS    |
| Band41 | 10MHz     | 64QAM      | 40620   | 50RB#0           | 5.26       | 13        | PASS    |
| Band41 | 10MHz     | 64QAM      | 41540   | 1RB#0            | 4.26       | 13        | PASS    |
| Band41 | 10MHz     | 64QAM      | 41540   | 50RB#0           | 5.06       | 13        | PASS    |
| Band41 | 10MHz     | 16QAM      | 39700   | 1RB#0            | 4.88       | 13        | PASS    |
| Band41 | 10MHz     | 16QAM      | 39700   | 50RB#0           | 5.72       | 13        | PASS    |
| Band41 | 10MHz     | 16QAM      | 40620   | 1RB#0            | 5.26       | 13        | PASS    |
| Band41 | 10MHz     | 16QAM      | 40620   | 50RB#0           | 6.04       | 13        | PASS    |
| Band41 | 10MHz     | 16QAM      | 41540   | 1RB#0            | 5.03       | 13        | PASS    |
| Band41 | 10MHz     | 16QAM      | 41540   | 50RB#0           | 5.83       | 13        | PASS    |
| Band41 | 15MHz     | QPSK       | 39725   | 1RB#0            | 4.28       | 13        | PASS    |
| Band41 | 15MHz     | QPSK       | 39725   | 75RB#0           | 5.26       | 13        | PASS    |
| Band41 | 15MHz     | QPSK       | 40620   | 1RB#0            | 4.76       | 13        | PASS    |



|        |       |       |       |         |      |    |      |
|--------|-------|-------|-------|---------|------|----|------|
| Band41 | 15MHz | QPSK  | 40620 | 75RB#0  | 5.57 | 13 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 1RB#0   | 4.44 | 13 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 75RB#0  | 5.35 | 13 | PASS |
| Band41 | 15MHz | 64QAM | 39725 | 1RB#0   | 4.29 | 13 | PASS |
| Band41 | 15MHz | 64QAM | 39725 | 75RB#0  | 5.27 | 13 | PASS |
| Band41 | 15MHz | 64QAM | 40620 | 1RB#0   | 4.79 | 13 | PASS |
| Band41 | 15MHz | 64QAM | 40620 | 75RB#0  | 5.58 | 13 | PASS |
| Band41 | 15MHz | 64QAM | 41515 | 1RB#0   | 4.44 | 13 | PASS |
| Band41 | 15MHz | 64QAM | 41515 | 75RB#0  | 5.39 | 13 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 1RB#0   | 4.92 | 13 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 75RB#0  | 5.94 | 13 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 1RB#0   | 5.29 | 13 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 75RB#0  | 6.20 | 13 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 1RB#0   | 5.05 | 13 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 75RB#0  | 6.01 | 13 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 1RB#0   | 3.92 | 13 | PASS |
| Band41 | 20MHz | QPSK  | 39750 | 100RB#0 | 5.14 | 13 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 1RB#0   | 4.29 | 13 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 100RB#0 | 5.33 | 13 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 1RB#0   | 4.03 | 13 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 100RB#0 | 5.16 | 13 | PASS |
| Band41 | 20MHz | 64QAM | 39750 | 1RB#0   | 3.93 | 13 | PASS |
| Band41 | 20MHz | 64QAM | 39750 | 100RB#0 | 5.15 | 13 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 1RB#0   | 4.32 | 13 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 100RB#0 | 5.34 | 13 | PASS |
| Band41 | 20MHz | 64QAM | 41490 | 1RB#0   | 4.04 | 13 | PASS |
| Band41 | 20MHz | 64QAM | 41490 | 100RB#0 | 5.18 | 13 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 1RB#0   | 4.69 | 13 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 100RB#0 | 5.96 | 13 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 1RB#0   | 5.02 | 13 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 100RB#0 | 6.14 | 13 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 1RB#0   | 4.79 | 13 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 100RB#0 | 5.98 | 13 | PASS |



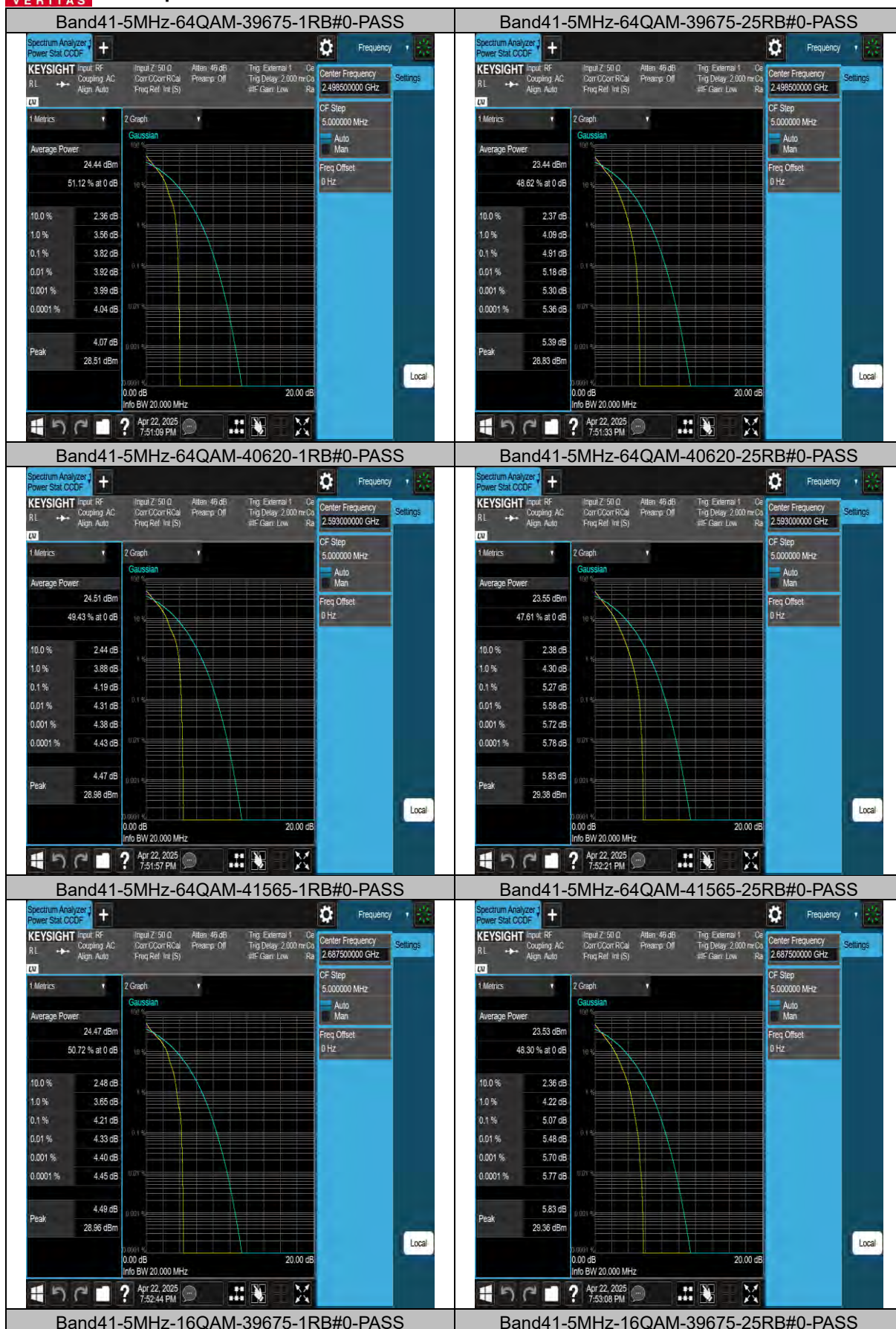
## Test Graphs



Huarui 7layers High Technology  
(Suzhou) Co., Ltd.

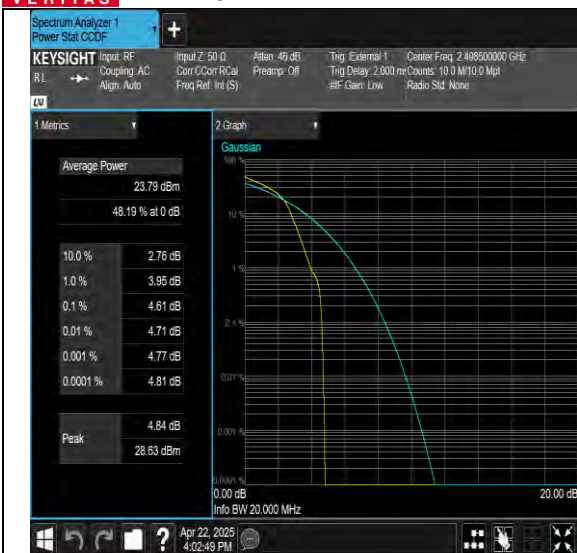
Tower N, Innovation Center, 88 Zuyi Road, High-tech  
District, Suzhou City, Anhui Province, China

Tel: +86 (0557) 368 1008

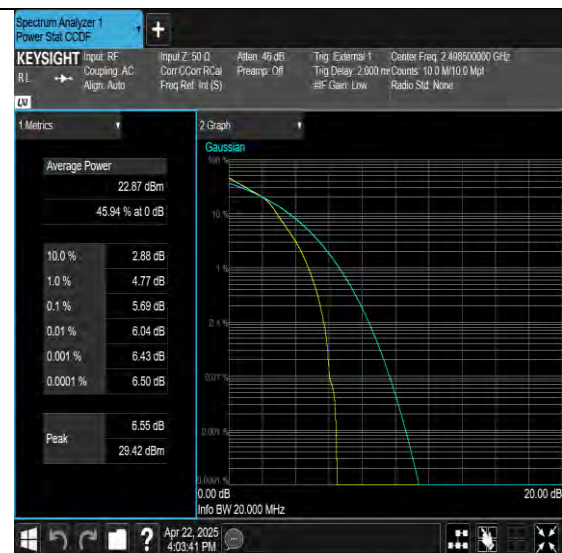




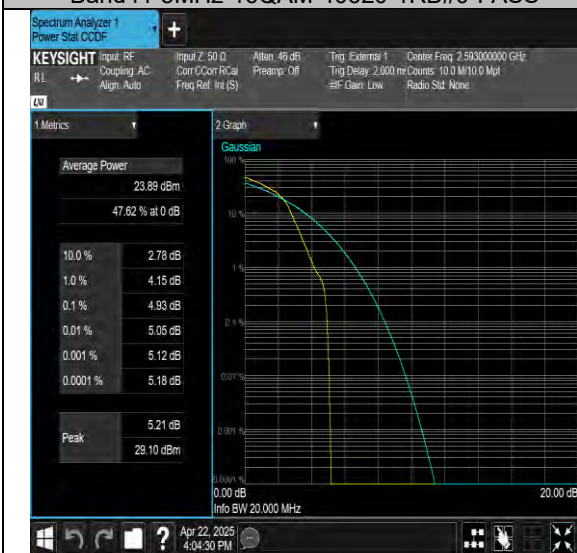
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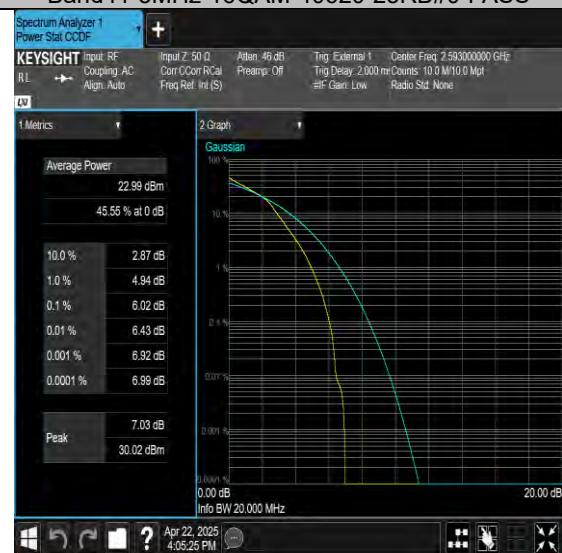
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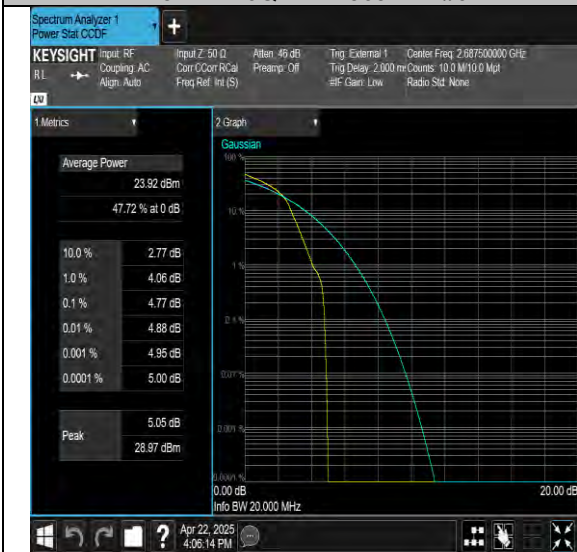
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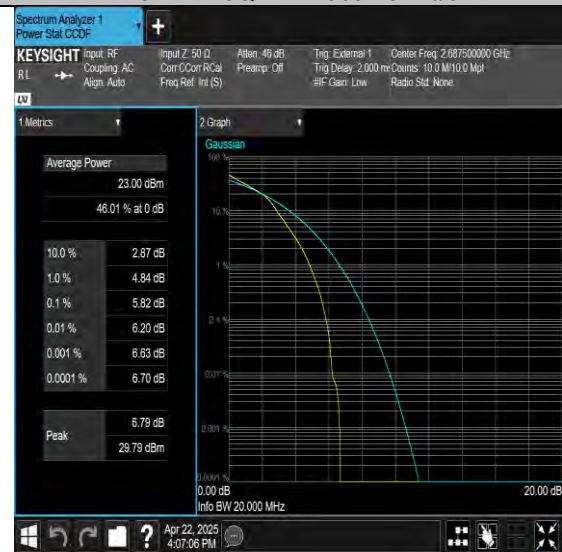
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Band41-5MHz-16QAM-41565-25RB#0-PASS



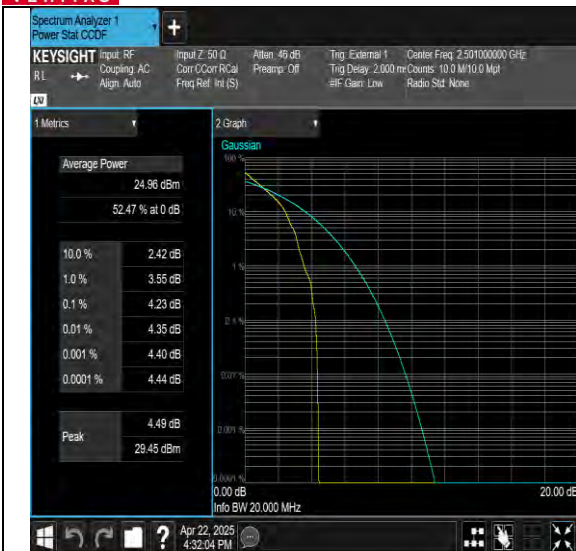
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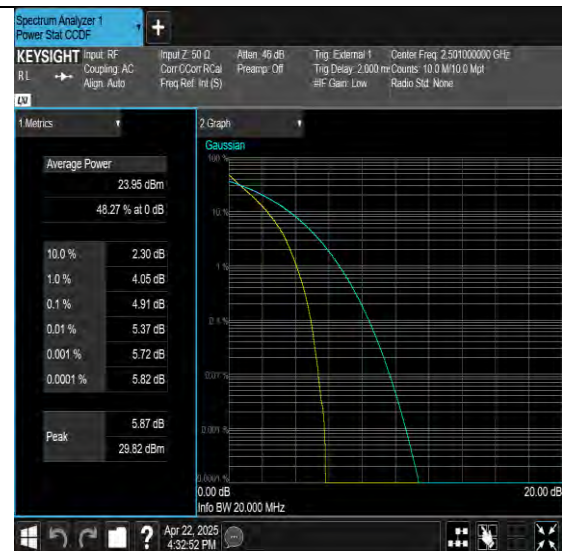
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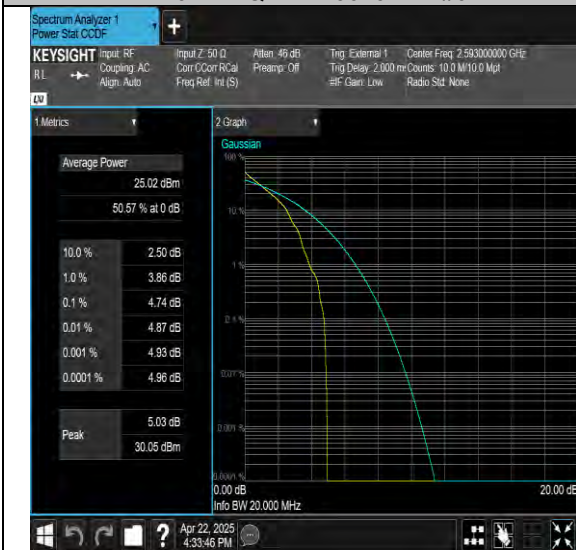
**BUREAU VERITAS** Test Report No.: PSZ-QBJ2504140315RF04



Band41-10MHz-QPSK-40620-1RB#0-PASS



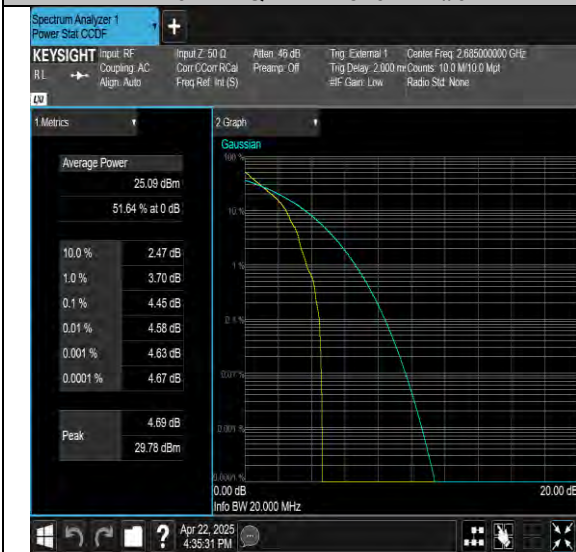
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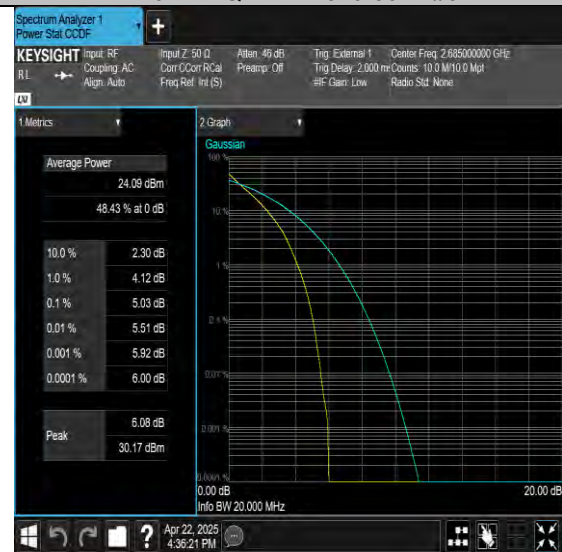
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Band41-10MHz-QPSK-41540-50RB#0-PASS



Band41-10MHz-64QAM-39700-1RB#0-PASS



Band41-10MHz-64QAM-39700-50RB#0-PASS



**BUREAU VERITAS** Test Report No.: PSZ-QBJ2504140315RF04



Band41-10MHz-64QAM-40620-1RB#0-PASS



Band41-10MHz-64QAM-40620-50RB#0-PASS



Band41-10MHz-64QAM-41540-1RB#0-PASS



Band41-10MHz-64QAM-41540-50RB#0-PASS



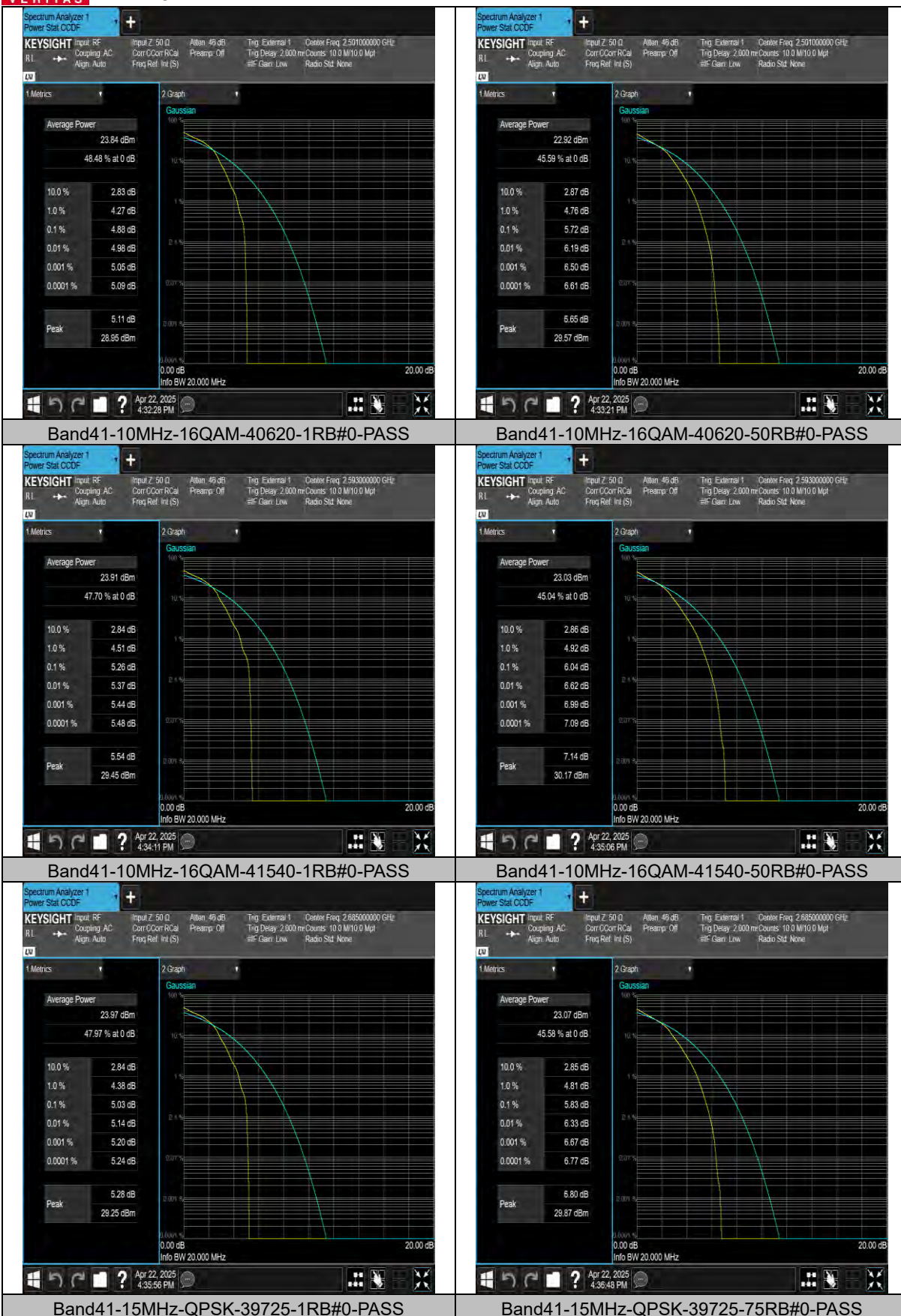
Band41-10MHz-16QAM-39700-1RB#0-PASS



Band41-10MHz-16QAM-39700-50RB#0-PASS

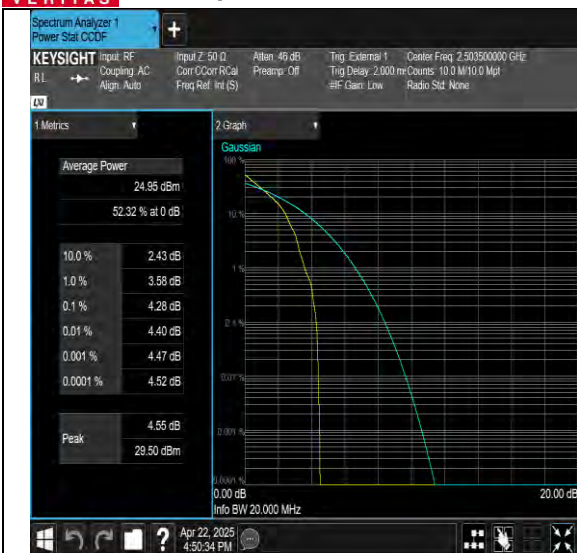


**BUREAU VERITAS** Test Report No.: PSZ-QBJ2504140315RF04

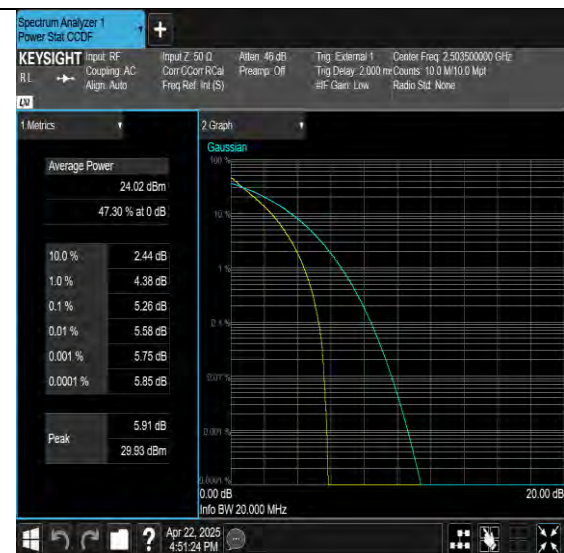




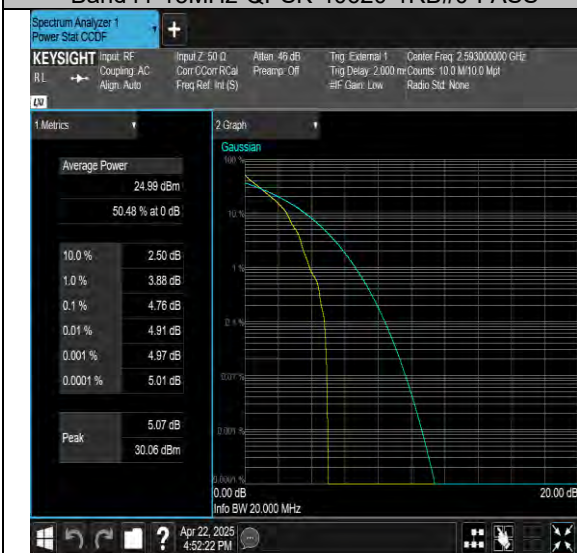
**BUREAU VERITAS** Test Report No.: PSZ-QBJ2504140315RF04



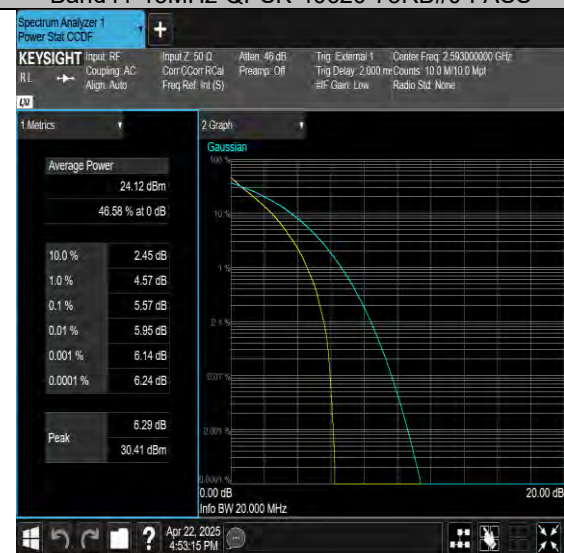
Band41-15MHz-QPSK-40620-1RB#0-PASS



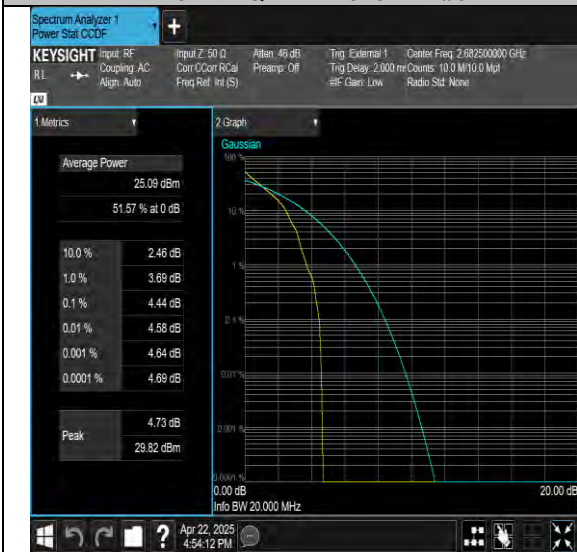
Band41-15MHz-QPSK-40620-75RB#0-PASS



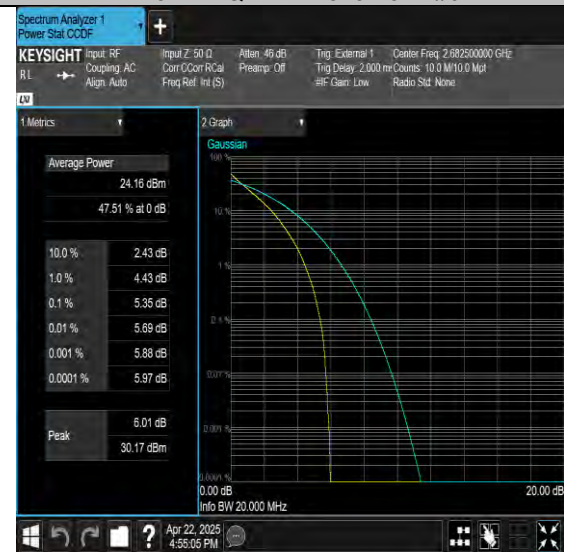
Band41-15MHz-QPSK-41515-1RB#0-PASS



Band41-15MHz-QPSK-41515-75RB#0-PASS



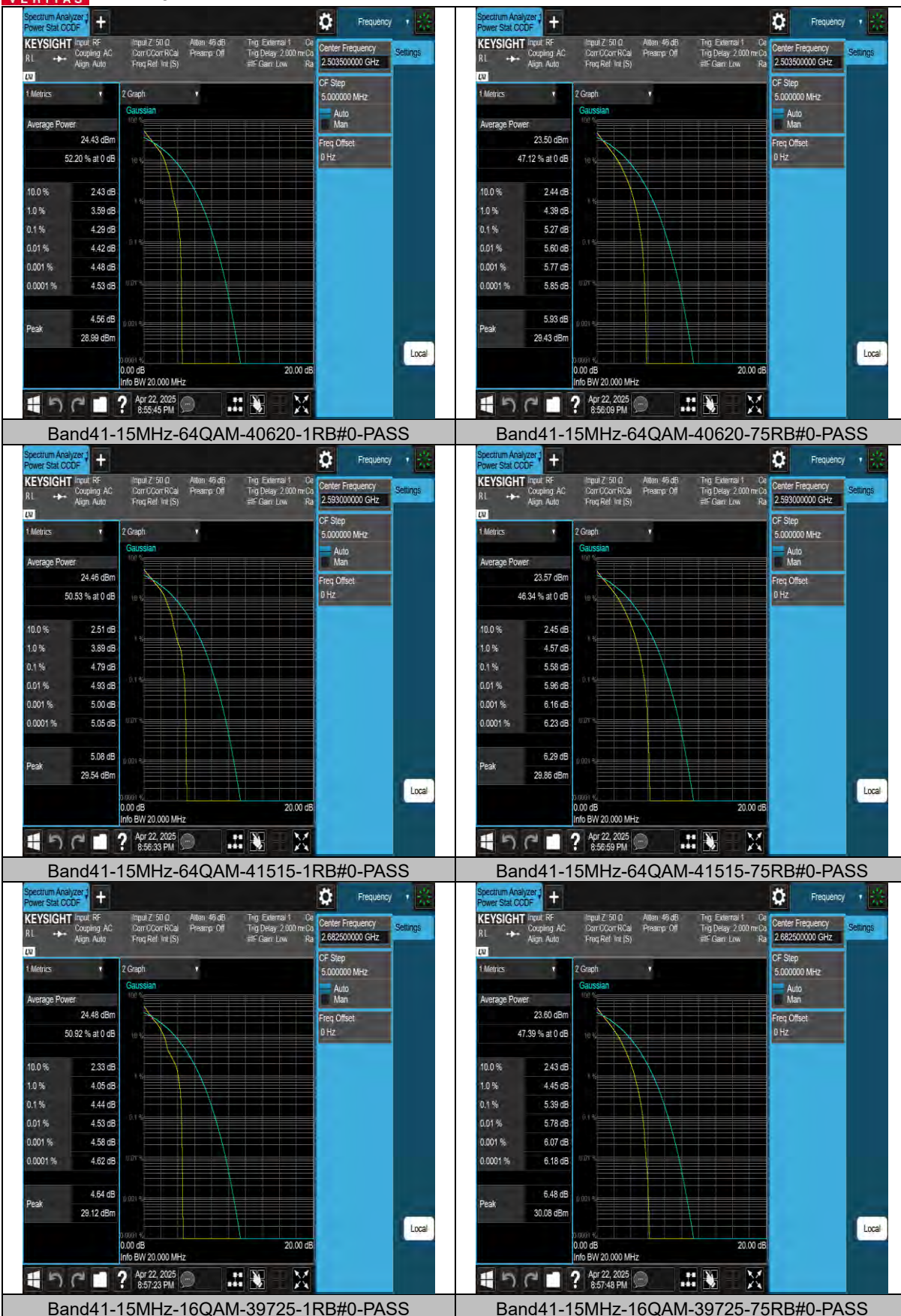
Band41-15MHz-64QAM-39725-1RB#0-PASS



Band41-15MHz-64QAM-39725-75RB#0-PASS

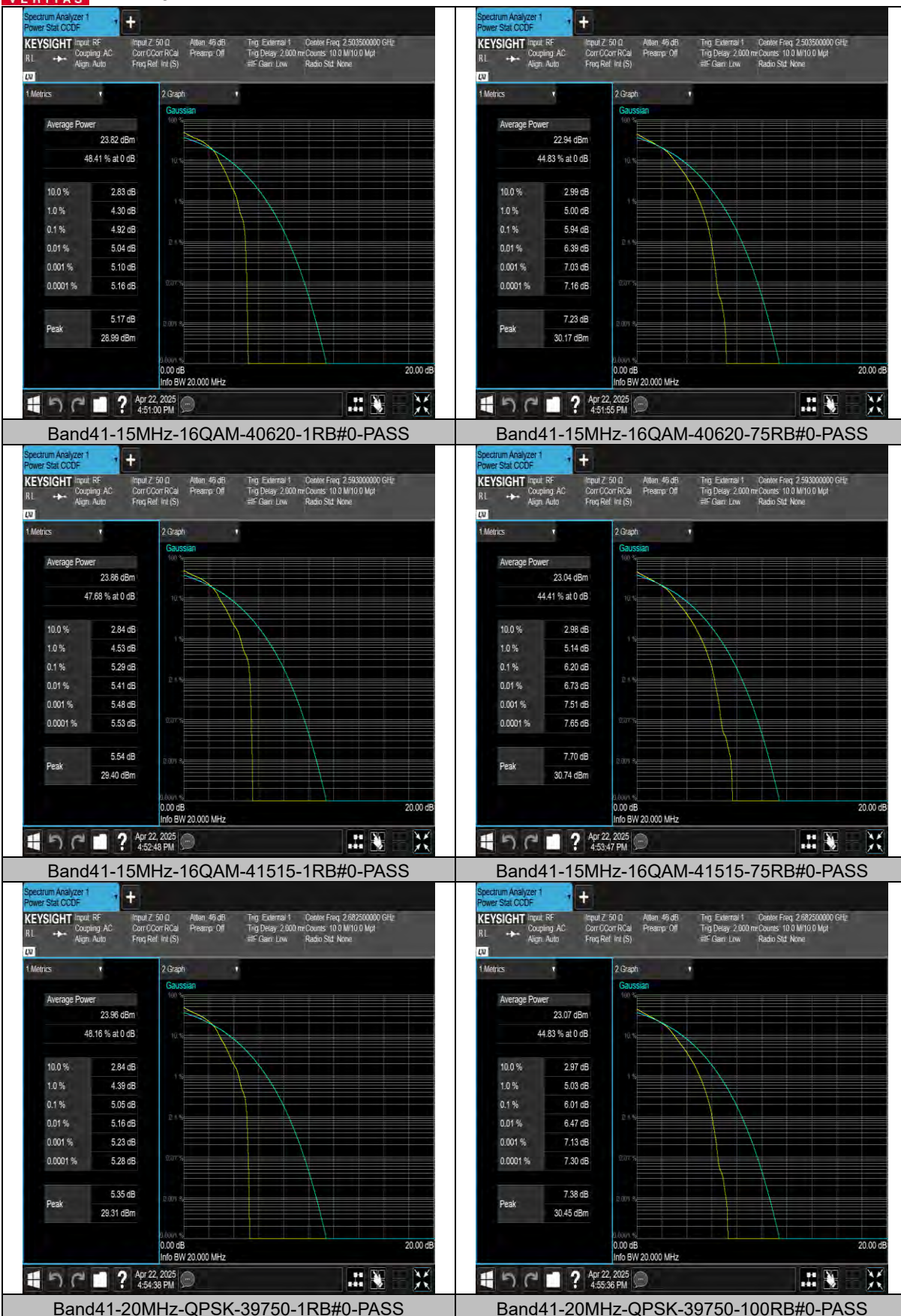


**BUREAU VERITAS** Test Report No.: PSZ-QBJ2504140315RF04





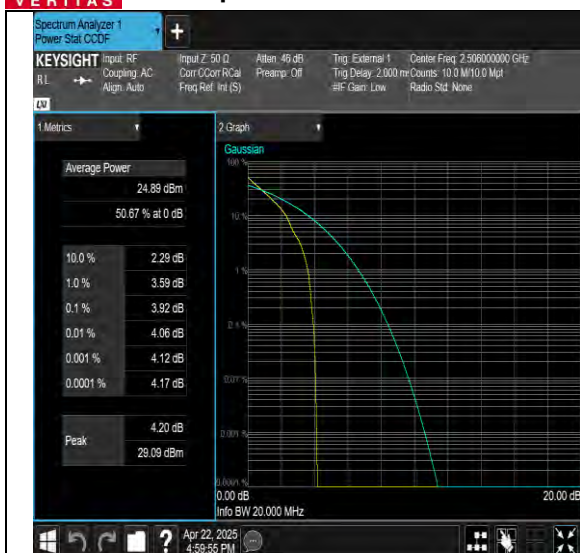
**BUREAU VERITAS** Test Report No.: PSZ-QBJ2504140315RF04



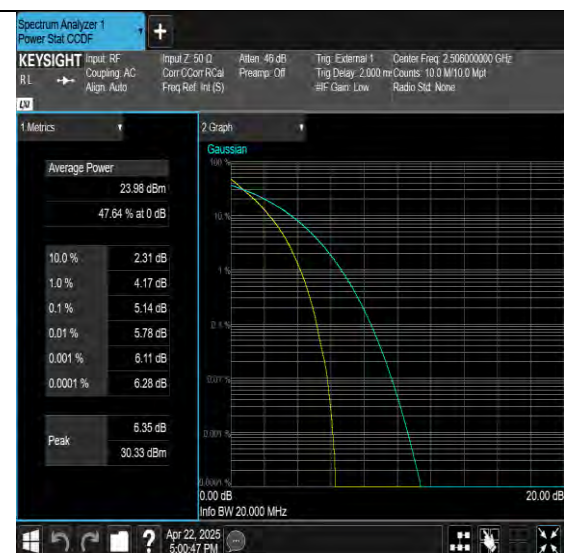


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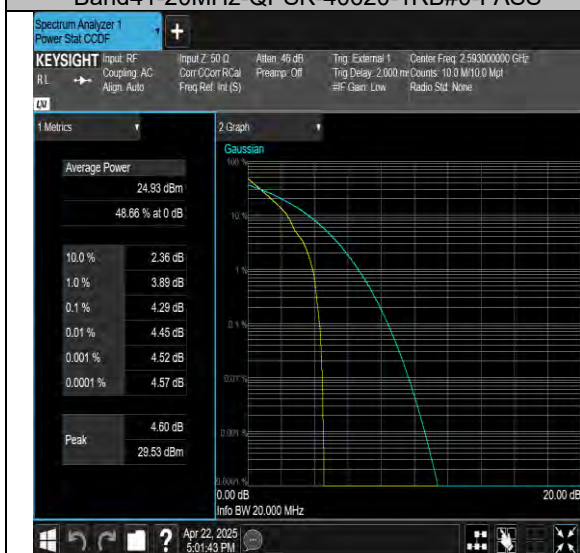
Test Report No.: PSZ-QBJ2504140315RF04



Band41-20MHz-QPSK-40620-1RB#0-PASS



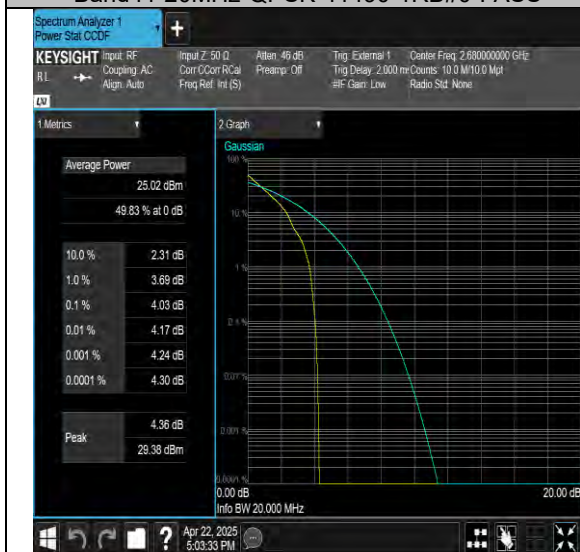
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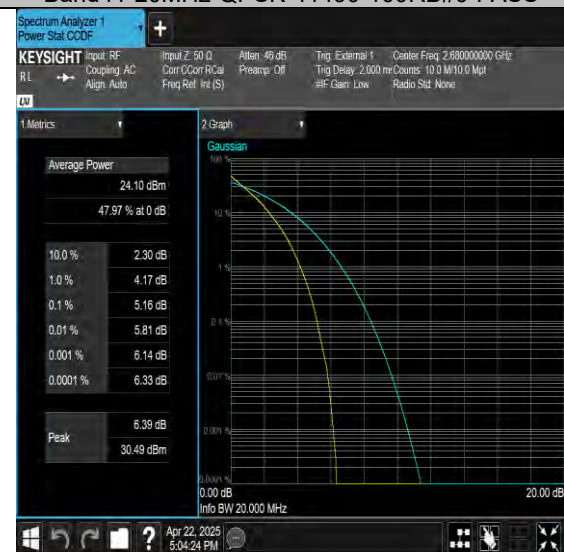
Band41-20MHz-QPSK-41490-1RB#0-PASS



Band41-20MHz-QPSK-41490-100RB#0-PASS



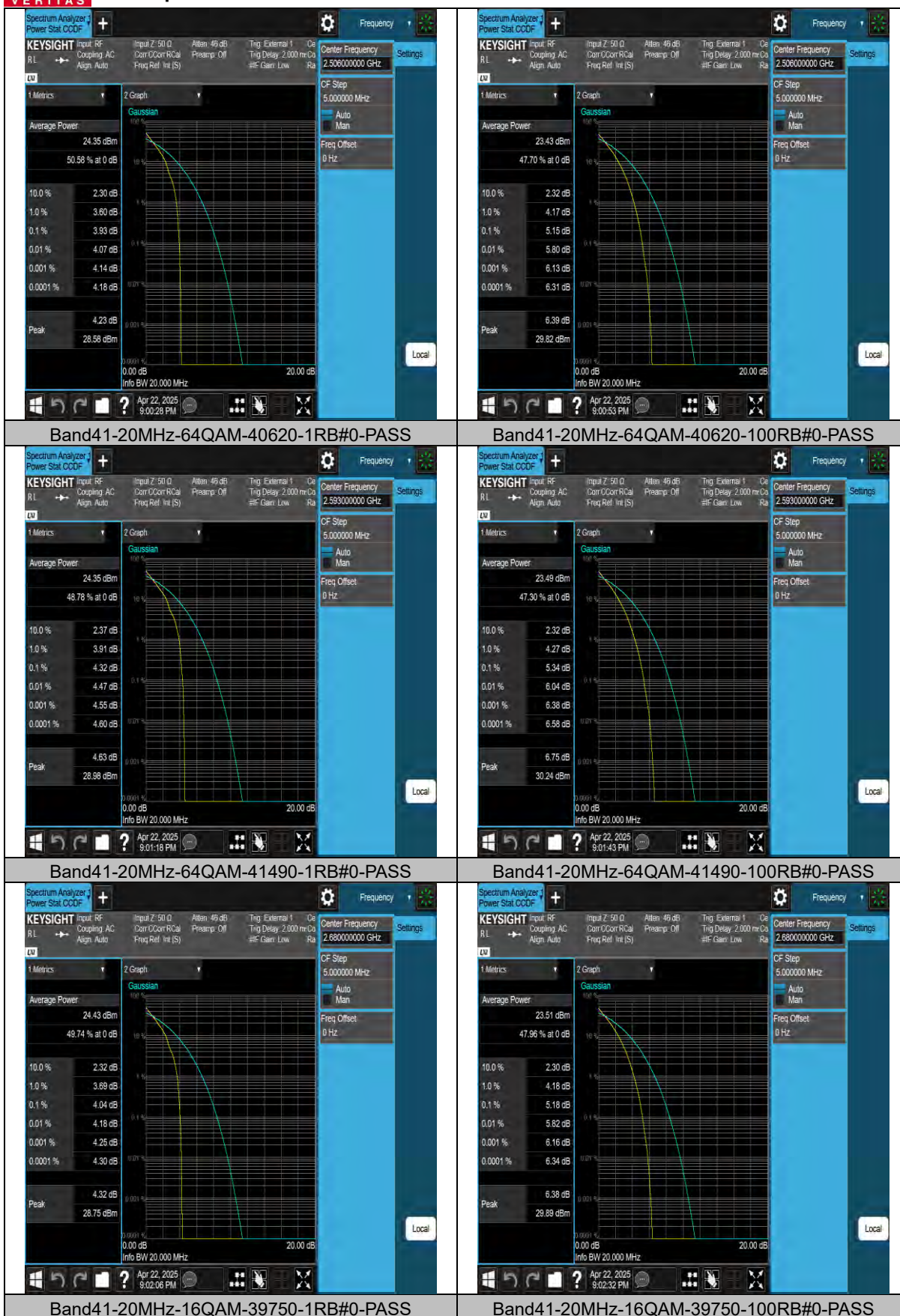
Band41-20MHz-64QAM-39750-1RB#0-PASS



Band41-20MHz-64QAM-39750-100RB#0-PASS

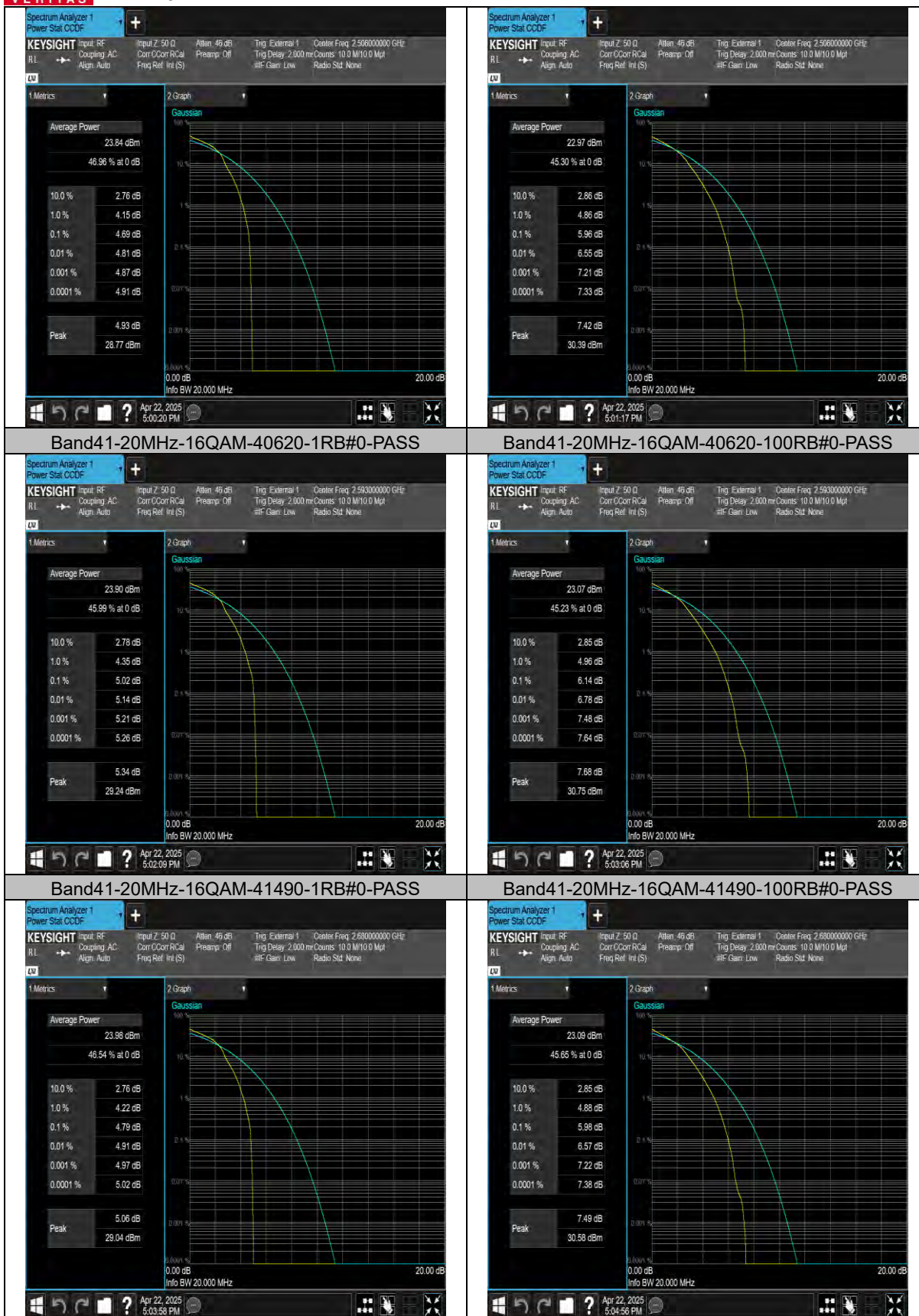


**BUREAU VERITAS** Test Report No.: PSZ-QBJ2504140315RF04





**BUREAU VERITAS** Test Report No.: PSZ-QBJ2504140315RF04

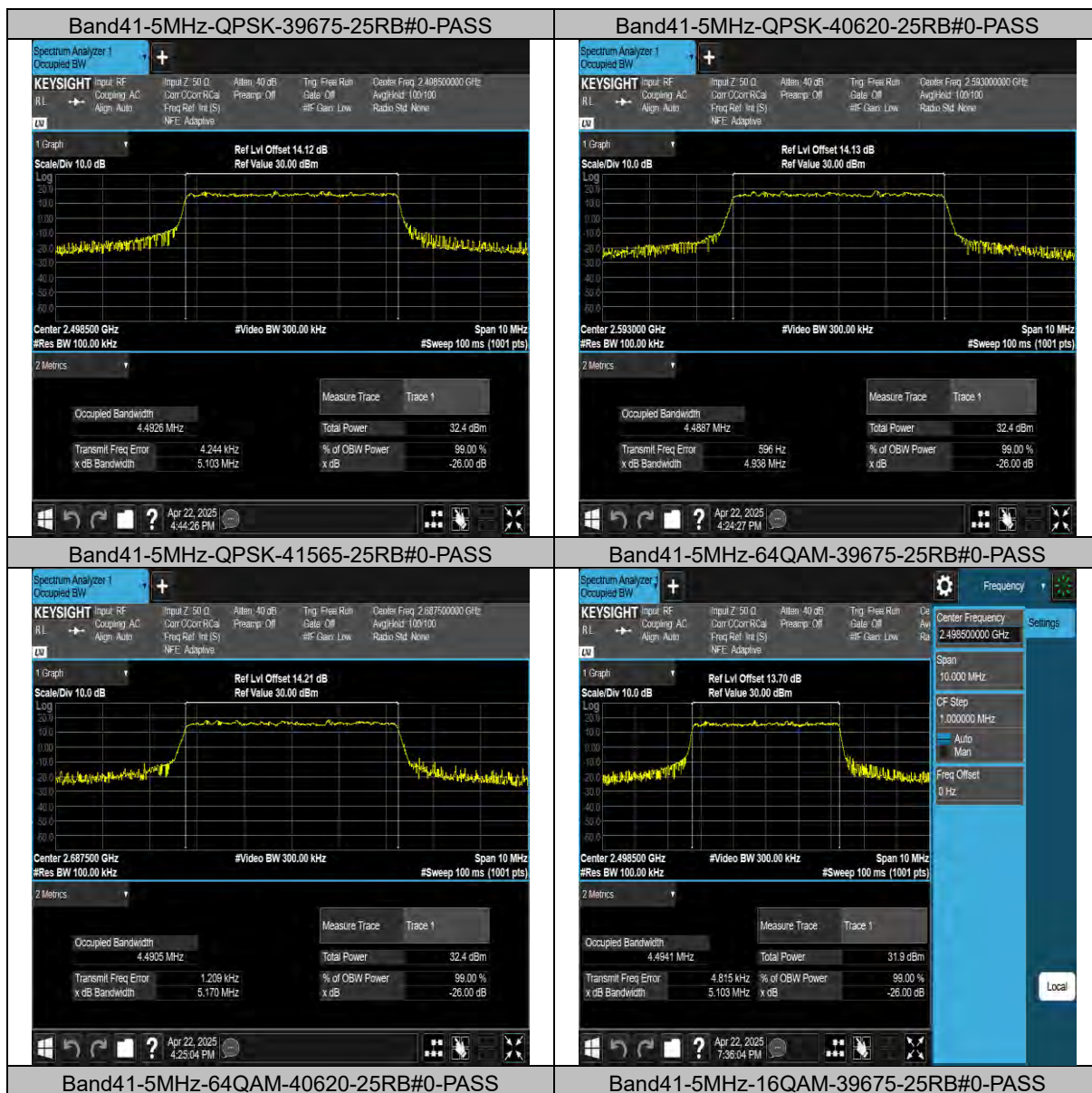


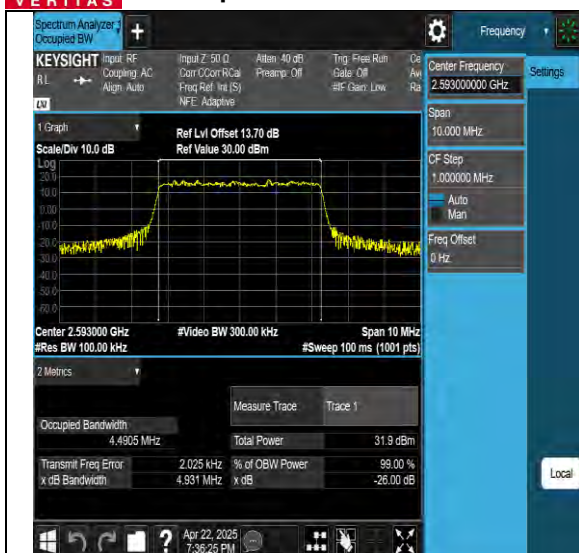
## 26DB BANDWIDTH AND OCCUPIED BANDWIDTH

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|--------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band41 | 5MHz      | QPSK       | 39675   | 25RB#0           | 4.4926                   | 5.103                | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 25RB#0           | 4.4887                   | 4.938                | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 25RB#0           | 4.4905                   | 5.170                | PASS    |
| Band41 | 5MHz      | 64QAM      | 39675   | 25RB#0           | 4.4941                   | 5.103                | PASS    |
| Band41 | 5MHz      | 64QAM      | 40620   | 25RB#0           | 4.4905                   | 4.931                | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 25RB#0           | 4.4858                   | 4.912                | PASS    |
| Band41 | 5MHz      | 16QAM      | 40620   | 25RB#0           | 4.4888                   | 5.033                | PASS    |
| Band41 | 5MHz      | 16QAM      | 41565   | 25RB#0           | 4.4918                   | 5.326                | PASS    |
| Band41 | 10MHz     | QPSK       | 39700   | 50RB#0           | 8.9947                   | 10.44                | PASS    |
| Band41 | 10MHz     | QPSK       | 40620   | 50RB#0           | 8.9878                   | 10.58                | PASS    |
| Band41 | 10MHz     | QPSK       | 41540   | 50RB#0           | 8.9868                   | 9.748                | PASS    |
| Band41 | 10MHz     | 64QAM      | 39700   | 50RB#0           | 8.9804                   | 9.972                | PASS    |
| Band41 | 10MHz     | 64QAM      | 40620   | 50RB#0           | 8.9885                   | 10.18                | PASS    |
| Band41 | 10MHz     | 64QAM      | 41540   | 50RB#0           | 9.0006                   | 10.33                | PASS    |
| Band41 | 10MHz     | 16QAM      | 39700   | 50RB#0           | 8.9900                   | 10.00                | PASS    |
| Band41 | 10MHz     | 16QAM      | 40620   | 50RB#0           | 8.9832                   | 9.767                | PASS    |
| Band41 | 10MHz     | 16QAM      | 41540   | 50RB#0           | 8.9756                   | 9.756                | PASS    |
| Band41 | 15MHz     | QPSK       | 39725   | 75RB#0           | 13.435                   | 14.67                | PASS    |
| Band41 | 15MHz     | QPSK       | 40620   | 75RB#0           | 13.496                   | 14.82                | PASS    |
| Band41 | 15MHz     | QPSK       | 41515   | 75RB#0           | 13.491                   | 14.70                | PASS    |
| Band41 | 15MHz     | 64QAM      | 39725   | 75RB#0           | 13.470                   | 14.82                | PASS    |
| Band41 | 15MHz     | 64QAM      | 40620   | 75RB#0           | 13.482                   | 14.60                | PASS    |
| Band41 | 15MHz     | 64QAM      | 41515   | 75RB#0           | 13.447                   | 14.99                | PASS    |
| Band41 | 15MHz     | 16QAM      | 39725   | 75RB#0           | 13.491                   | 15.41                | PASS    |
| Band41 | 15MHz     | 16QAM      | 40620   | 75RB#0           | 13.482                   | 15.55                | PASS    |
| Band41 | 15MHz     | 16QAM      | 41515   | 75RB#0           | 13.480                   | 15.43                | PASS    |
| Band41 | 20MHz     | QPSK       | 39750   | 100RB#0          | 17.958                   | 19.38                | PASS    |
| Band41 | 20MHz     | QPSK       | 40620   | 100RB#0          | 17.959                   | 19.24                | PASS    |
| Band41 | 20MHz     | QPSK       | 41490   | 100RB#0          | 17.972                   | 19.44                | PASS    |
| Band41 | 20MHz     | 64QAM      | 39750   | 100RB#0          | 17.936                   | 19.34                | PASS    |
| Band41 | 20MHz     | 64QAM      | 40620   | 100RB#0          | 17.967                   | 19.44                | PASS    |
| Band41 | 20MHz     | 64QAM      | 41490   | 100RB#0          | 17.937                   | 19.53                | PASS    |
| Band41 | 20MHz     | 16QAM      | 39750   | 100RB#0          | 17.921                   | 19.39                | PASS    |
| Band41 | 20MHz     | 16QAM      | 40620   | 100RB#0          | 17.942                   | 19.44                | PASS    |
| Band41 | 20MHz     | 16QAM      | 41490   | 100RB#0          | 17.931                   | 19.31                | PASS    |

## Test Graphs

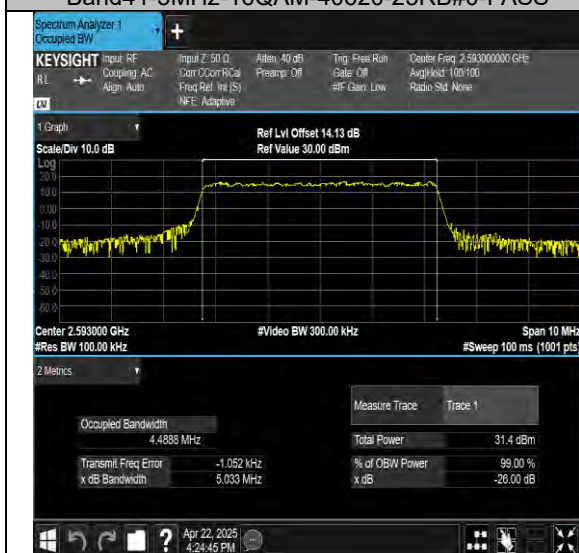




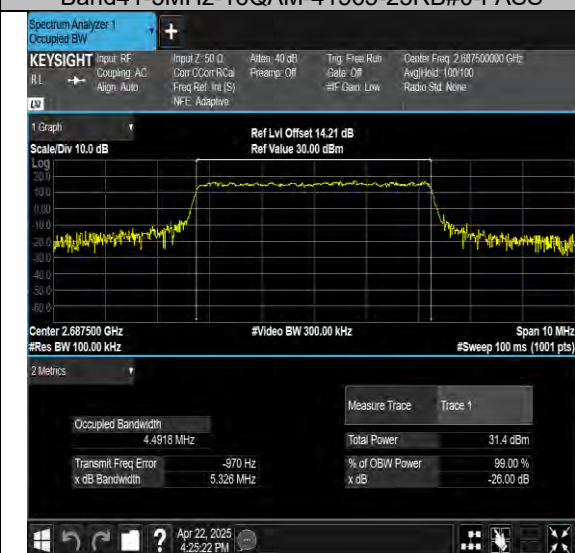
Band41-5MHz-16QAM-40620-25RB#0-PASS



Band41-5MHz-16QAM-41565-25RB#0-PASS



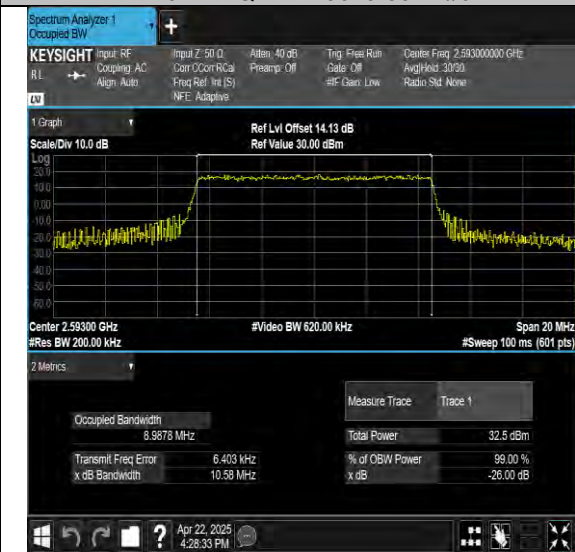
Band41-10MHz-QPSK-39700-50RB#0-PASS



Band41-10MHz-QPSK-40620-50RB#0-PASS



Band41-10MHz-QPSK-41540-50RB#0-PASS



Band41-10MHz-64QAM-39700-50RB#0-PASS



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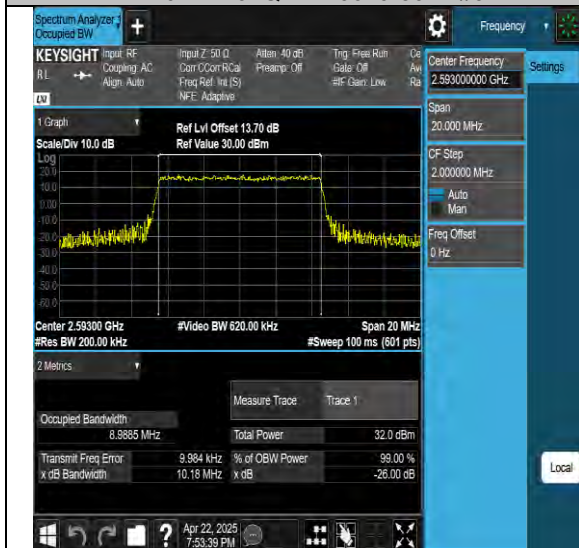
Test Report No.: PSZ-QBJ2504140315RF04



Band41-10MHz-64QAM-40620-50RB#0-PASS



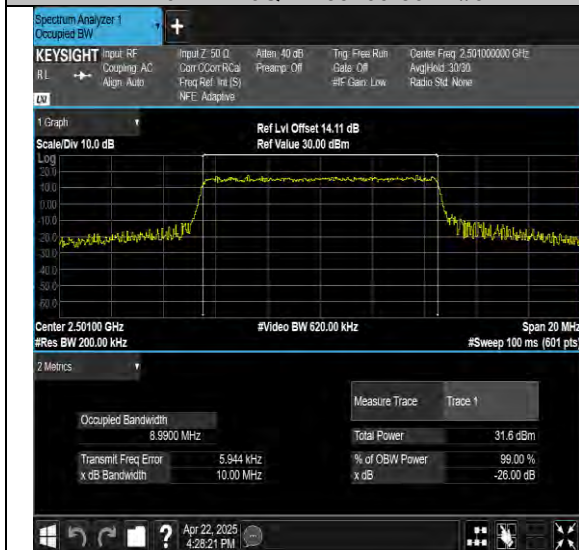
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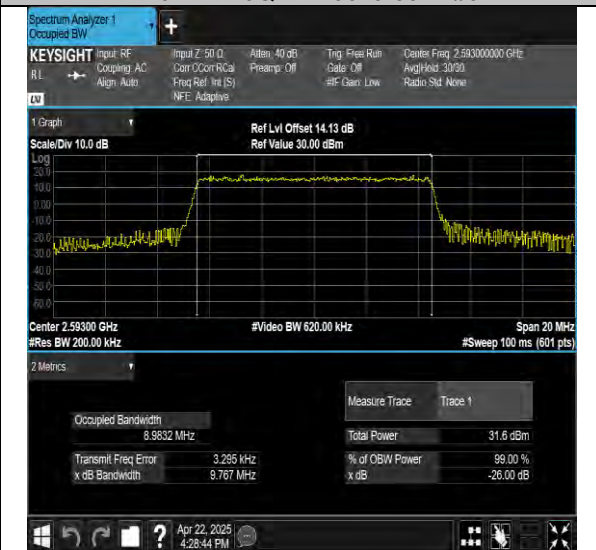
Band41-10MHz-16QAM-39700-50RB#0-PASS



Band41-10MHz-16QAM-40620-50RB#0-PASS



Band41-10MHz-16QAM-41540-50RB#0-PASS



Band41-15MHz-QPSK-39725-75RB#0-PASS



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Test Report No.: PSZ-QBJ2504140315RF04



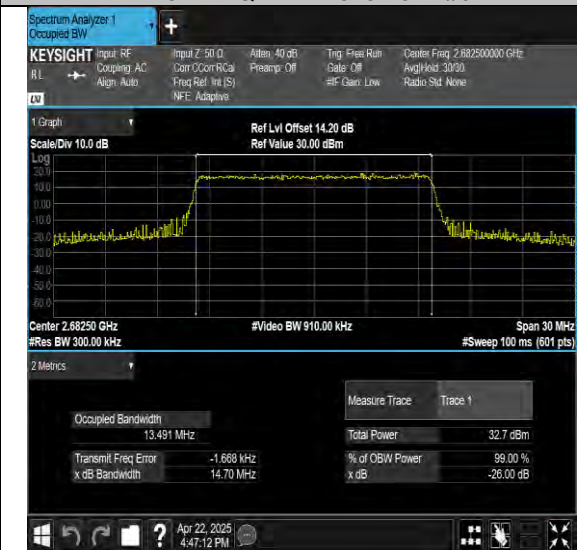
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Band41-15MHz-QPSK-41515-75RB#0-PASS



Band41-15MHz-64QAM-39725-75RB#0-PASS



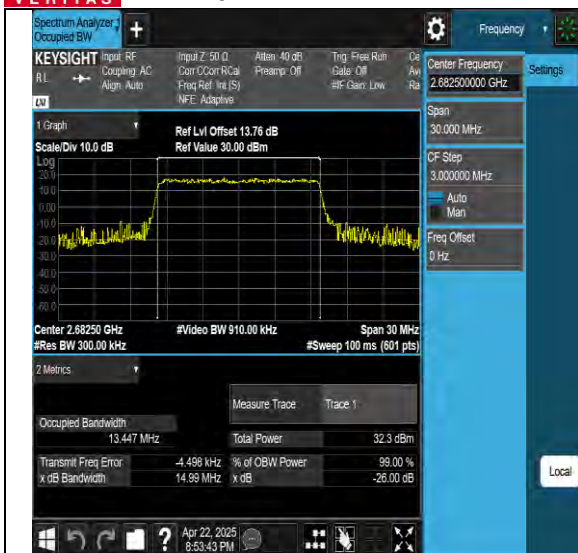
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Band41-15MHz-16QAM-39725-75RB#0-PASS



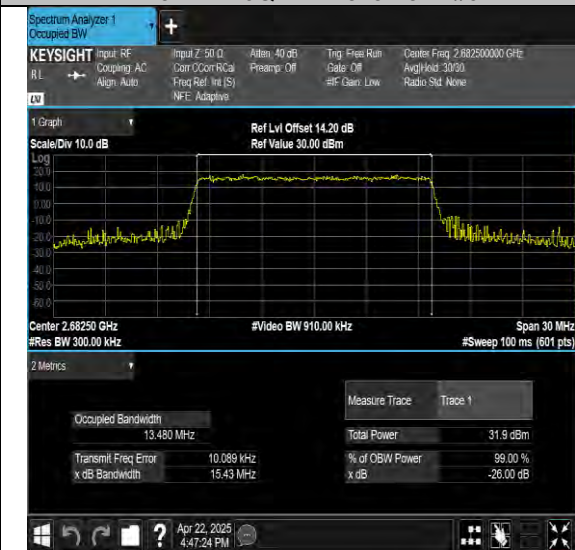
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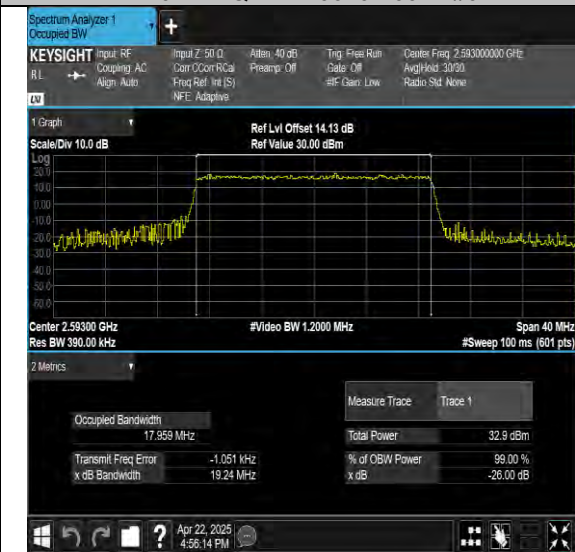
Band41-20MHz-QPSK-39750-100RB#0-PASS



Band41-20MHz-QPSK-40620-100RB#0-PASS



Band41-20MHz-QPSK-41490-100RB#0-PASS



Band41-20MHz-64QAM-39750-100RB#0-PASS