



3.6 RADIATED EMISSION MEASUREMENT

3.6.1 LIMITS OF RADIATED EMISSION MEASUREMENT

The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least $55 + 10 \log_{10}(P)$ dB. The limit of emission is equal to -25dBm.

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. $EIRP = \text{Output power level of S.G} - \text{TX cable loss} + \text{Antenna gain of substitution horn}$.
- d. E.R.P power can be calculated form E.I.R.P power by subtracting the gain of dipole,
 $E.R.P \text{ power} = E.I.P.R \text{ power} - 2.15\text{dBi}$.

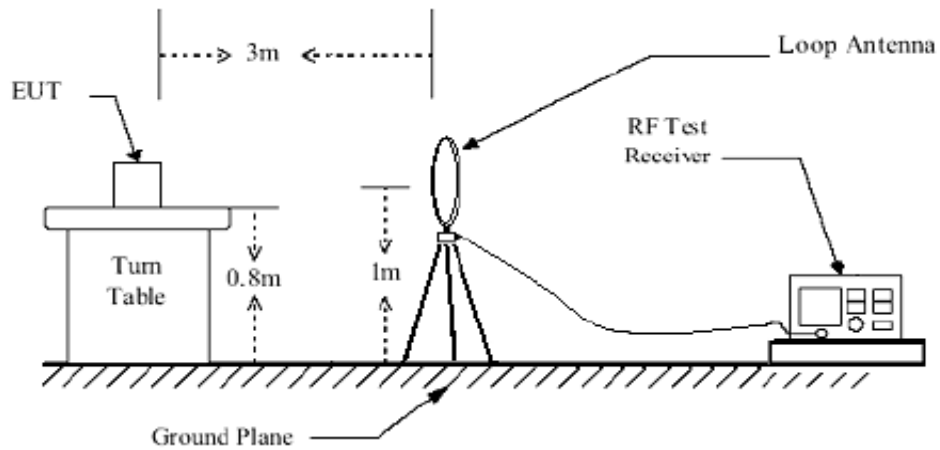
NOTE: The resolution bandwidth of spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz.

3.6.3 DEVIATION FROM TEST STANDARD

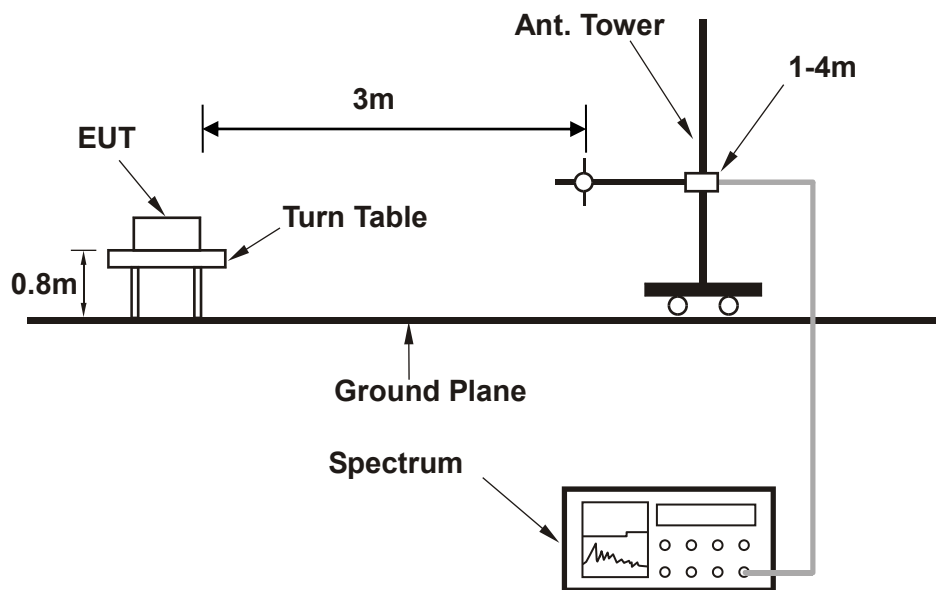
No deviation

3.6.4 TEST SETUP

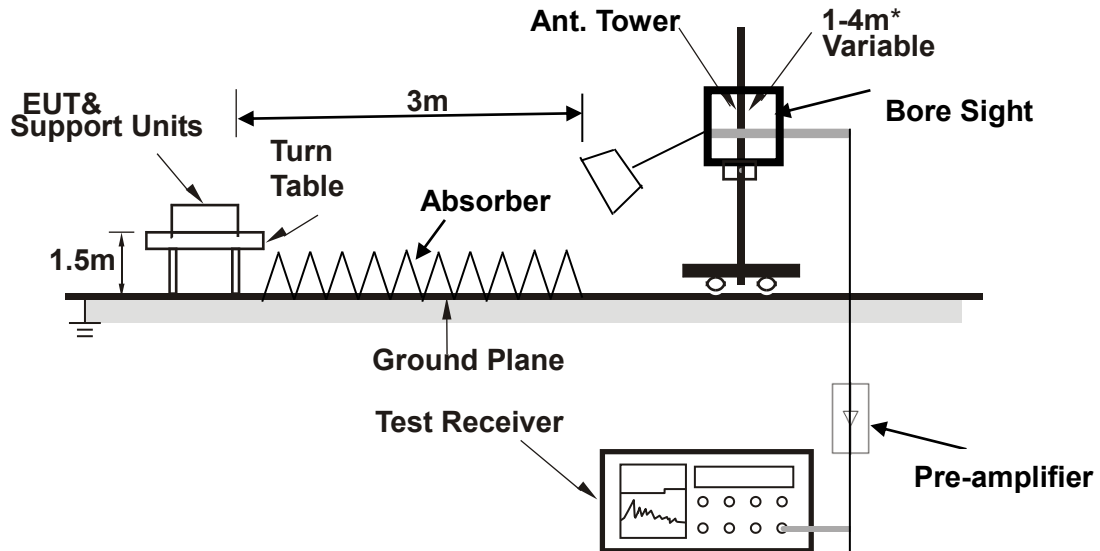
< Frequency Range below 30MHz >



< Frequency Range 30MHz~1GHz >



<Frequency Range above 1GHz>



Note: Above 1G is a directional antenna depends on the EUT height and the antenna 3dB beamwidth both, refer to section 7.3 of CISPR 16-2-3.

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



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

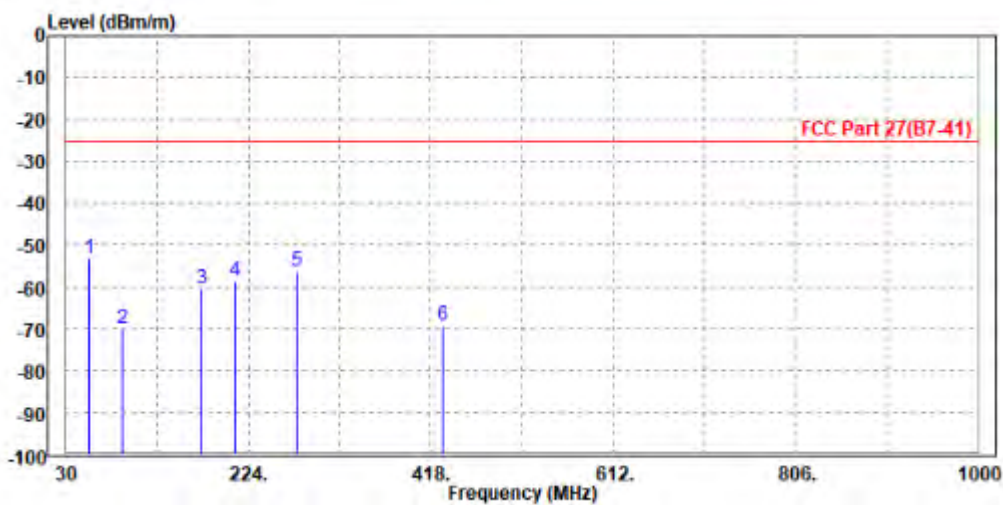
30 MHz – 1GHz data:

LTE Band 41

CHANNEL BANDWIDTH: 5MHz / QPSK

| | | | |
|--|------------------|-----------------|---------------|
| MODE | TX channel 41565 | FREQUENCY RANGE | Below 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 | 55.220 | -53.36 | -35.46 | -25.00 | -28.36 | -17.90 | Peak | Horizontal |
| 2 | 90.140 | -69.94 | -48.99 | -25.00 | -44.94 | -20.95 | Peak | Horizontal |
| 3 | 173.560 | -60.61 | -43.62 | -25.00 | -35.61 | -16.99 | Peak | Horizontal |
| 4 | 209.450 | -58.64 | -42.34 | -25.00 | -33.64 | -16.30 | Peak | Horizontal |
| 5 | 275.410 | -56.22 | -44.25 | -25.00 | -31.22 | -11.97 | Peak | Horizontal |
| 6 | 430.610 | -69.03 | -59.55 | -25.00 | -44.03 | -9.48 | Peak | Horizontal |

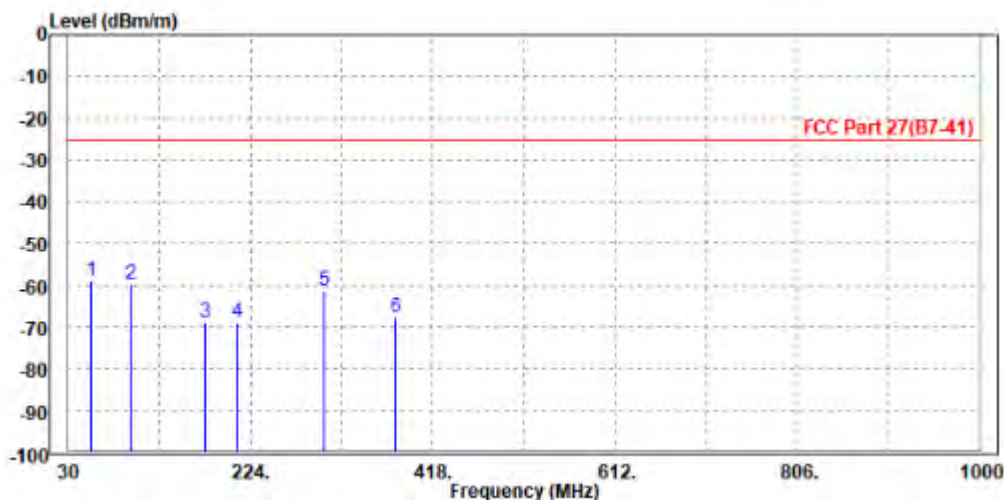




Test Report No.: W7L-P22090015-1RF06

| | | | |
|--|------------------|------------------------|---------------|
| MODE | TX channel 41565 | FREQUENCY RANGE | Below 1000MHz |
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60HZ |
| TESTED BY | Jace Hu | | |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL 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 | 55.220 | -59.05 | -34.72 | -25.00 | -34.05 | -24.33 | Peak | Vertical |
| 2 | 96.930 | -59.59 | -50.34 | -25.00 | -34.59 | -9.25 | Peak | Vertical |
| 3 | 175.500 | -68.76 | -50.50 | -25.00 | -43.76 | -18.26 | Peak | Vertical |
| 4 | 210.420 | -68.67 | -51.57 | -25.00 | -43.67 | -17.10 | Peak | Vertical |
| 5 | 302.570 | -61.37 | -50.60 | -25.00 | -36.37 | -10.77 | Peak | Vertical |
| 6 | 378.230 | -67.71 | -58.31 | -25.00 | -42.71 | -9.40 | Peak | Vertical |





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Test Report No.: W7L-P22090015-1RF06

ABOVE 1GHz

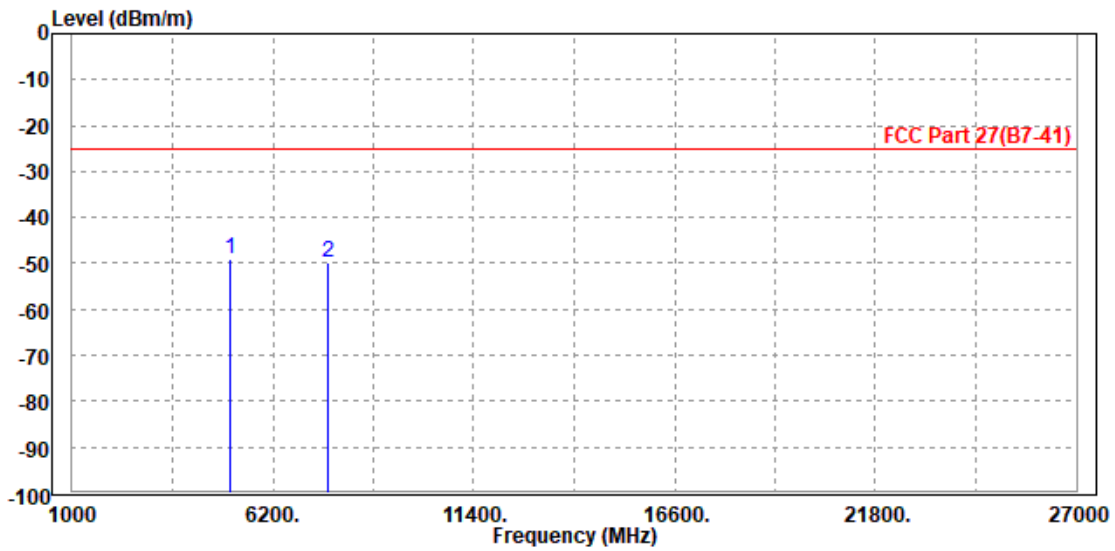
Note: For higher frequency, the emission is too low to be detected.

LTE Band 7

CHANNEL BANDWIDTH: 5MHz / QPSK

| | | | |
|--|------------------|------------------------|---------------|
| MODE | TX channel 21100 | 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 5082.000 | -49.24 | -58.01 | -25.00 | -24.24 | 8.77 | Peak | Horizontal |
| 2 | 7605.000 | -49.99 | -61.39 | -25.00 | -24.99 | 11.40 | Peak | Horizontal |

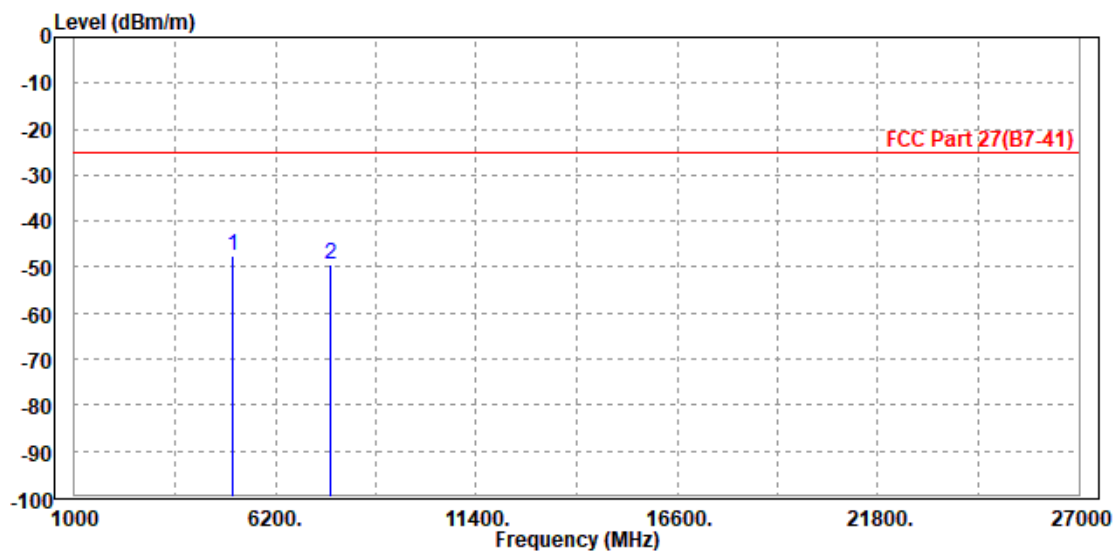




Test Report No.: W7L-P22090015-1RF06

| | | | |
|--|------------------|------------------------|---------------|
| MODE | TX channel 21100 | FREQUENCY RANGE | Above 1000MHz |
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60HZ |
| TESTED BY | Jace Hu | | |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL 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 5082.000 | -47.65 | -57.52 | -25.00 | -22.65 | 9.87 | Peak | Vertical |
| 2 | 7605.000 | -49.41 | -62.19 | -25.00 | -24.41 | 12.78 | Peak | Vertical |



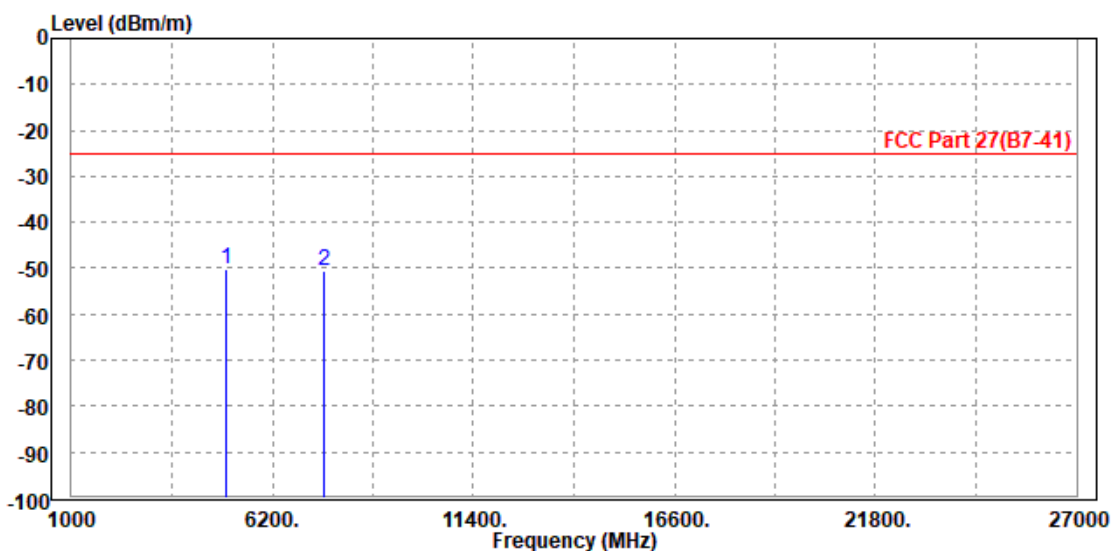


Test Report No.: W7L-P22090015-1RF06

CHANNEL BANDWIDTH: 10MHz / QPSK
CH20800

| | | | |
|---|------------------|-----------------|---------------|
| MODE | TX channel 20800 | 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 5004.000 | -50.12 | -58.66 | -25.00 | -25.12 | 8.54 | Peak | Horizontal |
| 2 | 7515.000 | -50.71 | -62.08 | -25.00 | -25.71 | 11.37 | Peak | Horizontal |

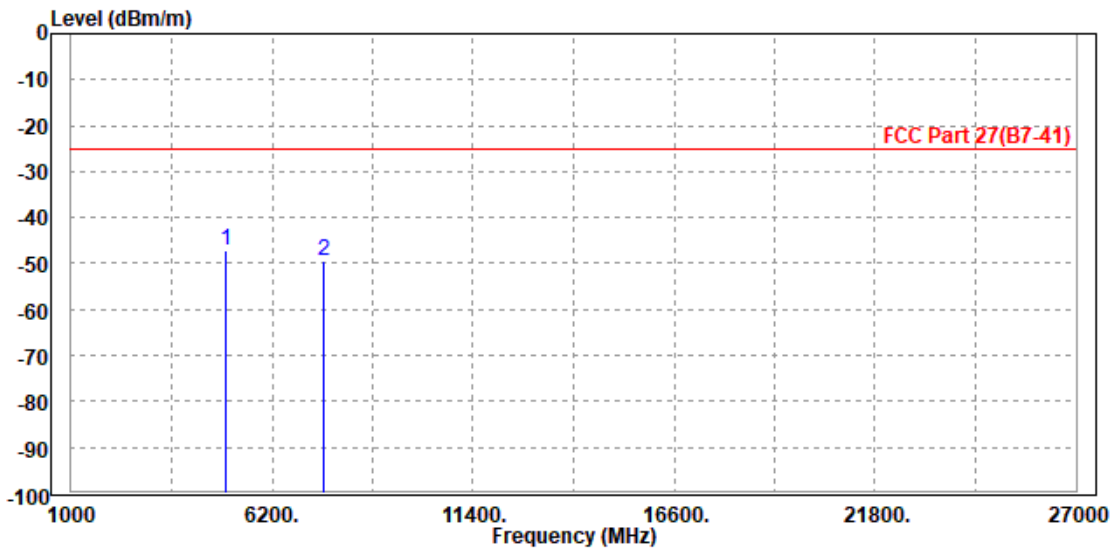




Test Report No.: W7L-P22090015-1RF06

| | | | |
|--|------------------|------------------------|---------------|
| MODE | TX channel 20800 | FREQUENCY RANGE | Above 1000MHz |
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60HZ |
| TESTED BY | Jace Hu | | |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL 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 5004.000 | -47.21 | -57.11 | -25.00 | -22.21 | 9.90 | Peak | Vertical |
| 2 | 7515.000 | -49.31 | -62.05 | -25.00 | -24.31 | 12.74 | Peak | Vertical |





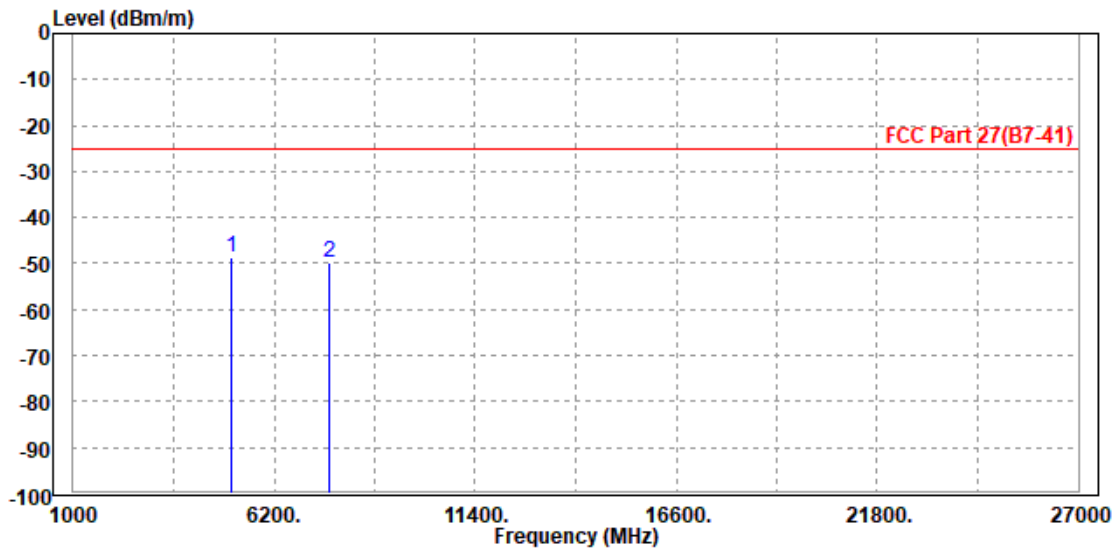
**BUREAU
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Test Report No.: W7L-P22090015-1RF06

CH 21100

| | | | |
|--|------------------|------------------------|---------------|
| MODE | TX channel 21100 | 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 5082.000 | -48.73 | -57.50 | -25.00 | -23.73 | 8.77 | Peak | Horizontal |
| 2 | 7605.000 | -49.95 | -61.35 | -25.00 | -24.95 | 11.40 | Peak | Horizontal |

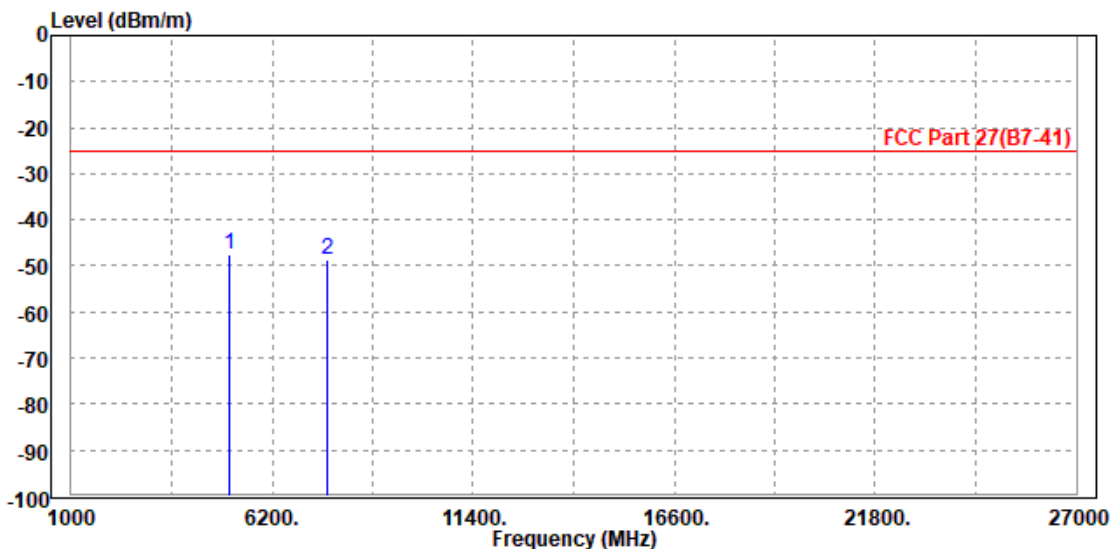




Test Report No.: W7L-P22090015-1RF06

| | | | |
|--|------------------|------------------------|---------------|
| MODE | TX channel 21100 | FREQUENCY RANGE | Above 1000MHz |
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60HZ |
| TESTED BY | Jace Hu | | |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL 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 5082.000 | -47.35 | -57.22 | -25.00 | -22.35 | 9.87 | Peak | Vertical |
| 2 | 7605.000 | -48.70 | -61.48 | -25.00 | -23.70 | 12.78 | Peak | Vertical |





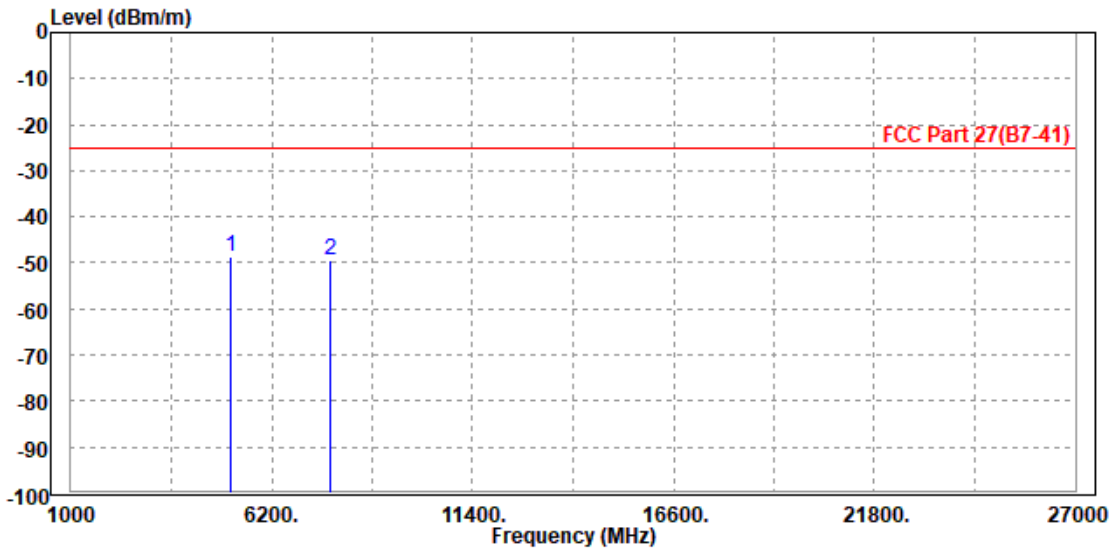
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VERITAS**

Test Report No.: W7L-P22090015-1RF06

CH 21400

| | | | |
|--|------------------|------------------------|---------------|
| MODE | TX channel 21400 | 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 5134.000 | -48.76 | -57.69 | -25.00 | -23.76 | 8.93 | Peak | Horizontal |
| 2 | 7695.000 | -49.60 | -61.04 | -25.00 | -24.60 | 11.44 | Peak | Horizontal |

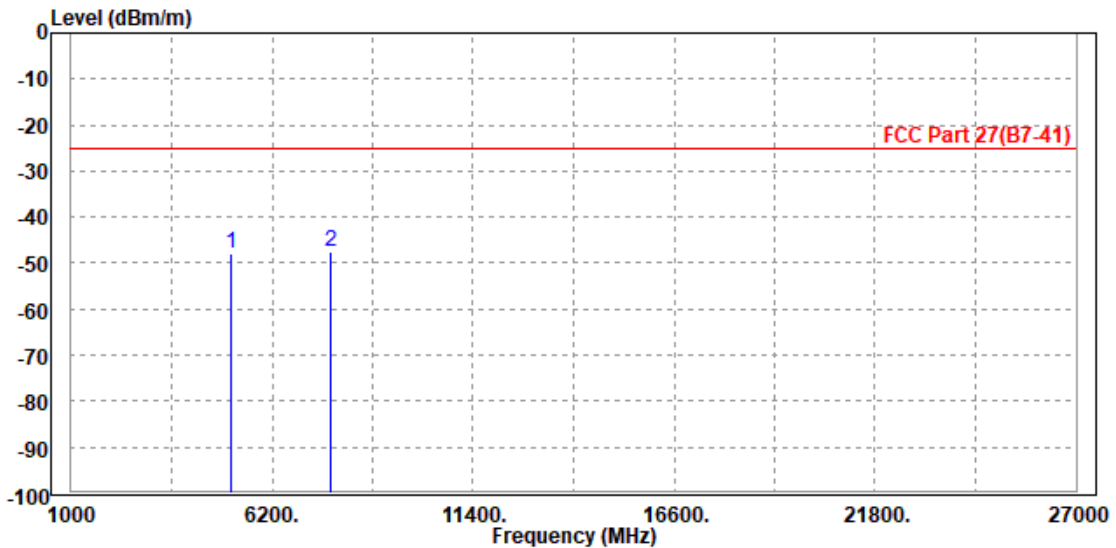




Test Report No.: W7L-P22090015-1RF06

| | | | |
|--|------------------|------------------------|---------------|
| MODE | TX channel 21400 | FREQUENCY RANGE | Above 1000MHz |
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60HZ |
| TESTED BY | Jace Hu | | |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL 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 | 5134.000 | -47.93 | -57.78 | -25.00 | -22.93 | 9.85 | Peak | Vertical |
| 2 PP | 7695.000 | -47.52 | -60.33 | -25.00 | -22.52 | 12.81 | Peak | Vertical |





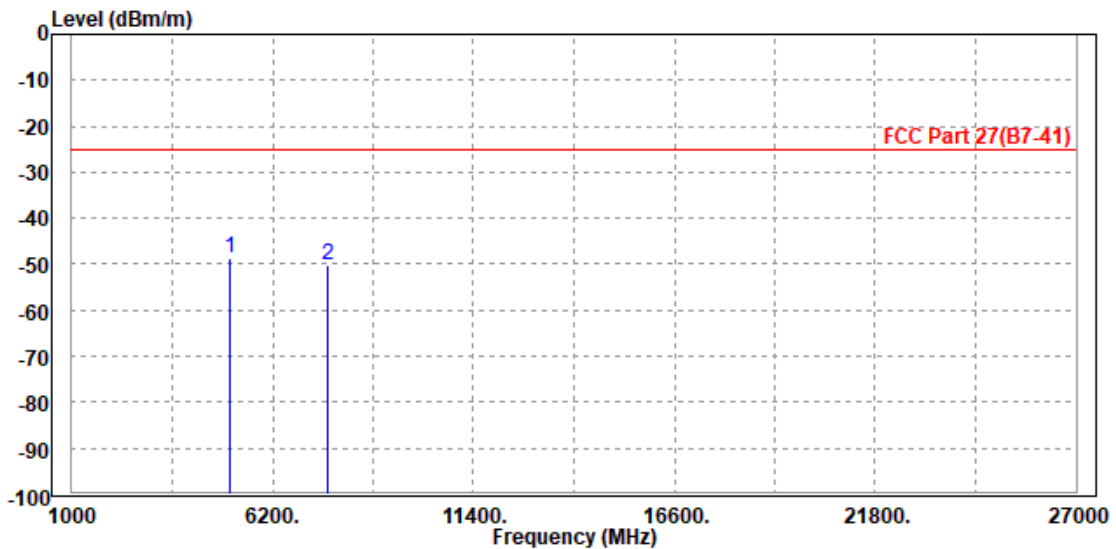
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VERITAS**

Test Report No.: W7L-P22090015-1RF06

CHANNEL BANDWIDTH: 15MHz / QPSK

| | | | |
|--|------------------|------------------------|---------------|
| MODE | TX channel 21100 | 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 5082.000 | -48.61 | -57.38 | -25.00 | -23.61 | 8.77 | Peak | Horizontal |
| 2 | 7605.000 | -50.28 | -61.68 | -25.00 | -25.28 | 11.40 | Peak | Horizontal |

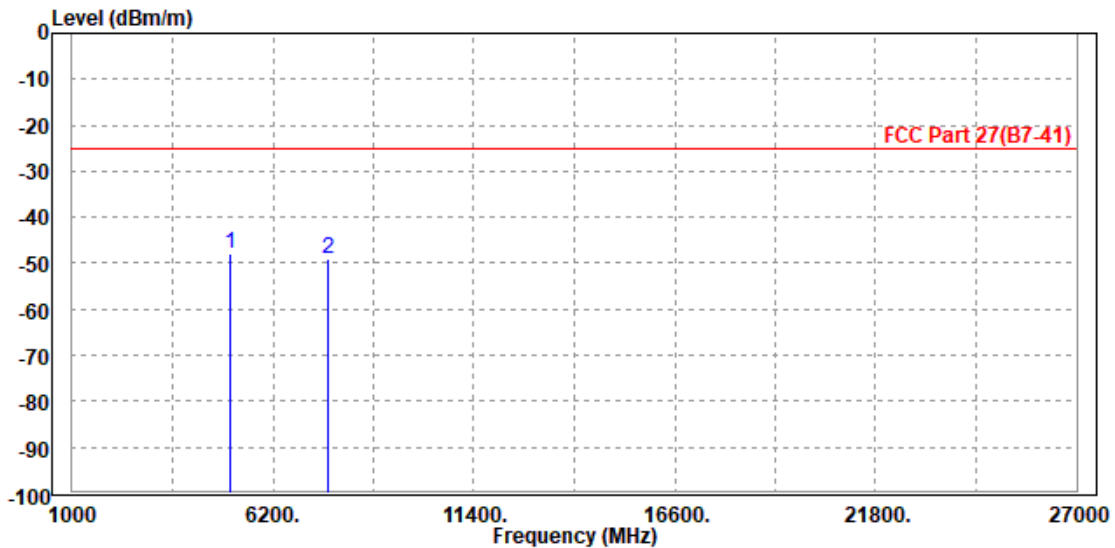




Test Report No.: W7L-P22090015-1RF06

| | | | |
|--|------------------|-----------------|---------------|
| MODE | TX channel 21100 | FREQUENCY RANGE | Above 1000MHz |
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60HZ |
| TESTED BY | Jace Hu | | |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL 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 5082.000 | -47.89 | -57.76 | -25.00 | -22.89 | 9.87 | Peak | Vertical |
| 2 | 7605.000 | -48.94 | -61.72 | -25.00 | -23.94 | 12.78 | Peak | Vertical |





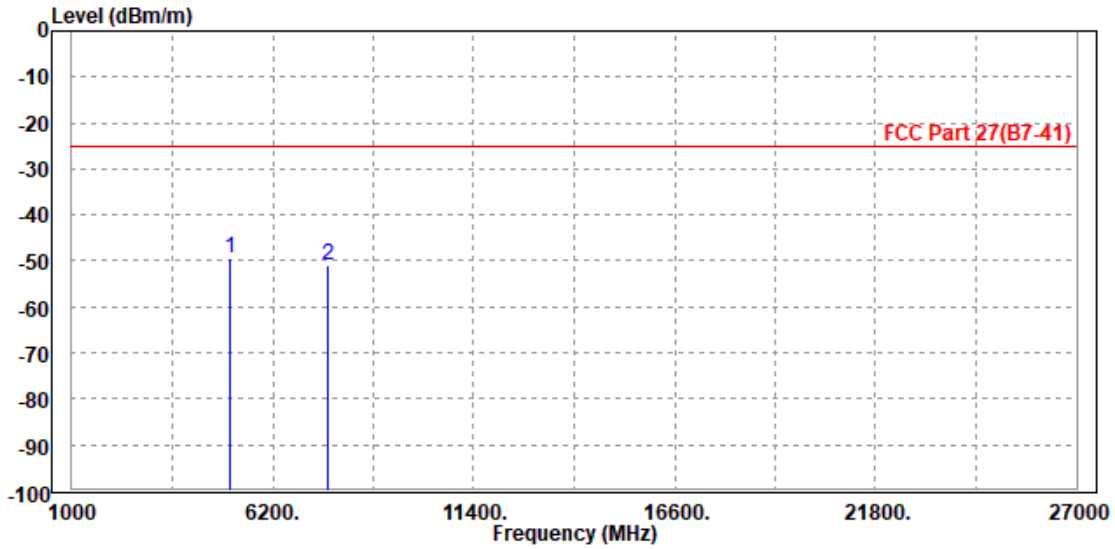
BUREAU VERITAS

Test Report No.: W7L-P22090015-1RF06

CHANNEL BANDWIDTH: 20MHz / QPSK

| | | | |
|---|------------------|-----------------|---------------|
| MODE | TX channel 21100 | 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 5082.000 | -49.39 | -58.16 | -25.00 | -24.39 | 8.77 | Peak | Horizontal |
| 2 | 7605.000 | -50.79 | -62.19 | -25.00 | -25.79 | 11.40 | Peak | Horizontal |

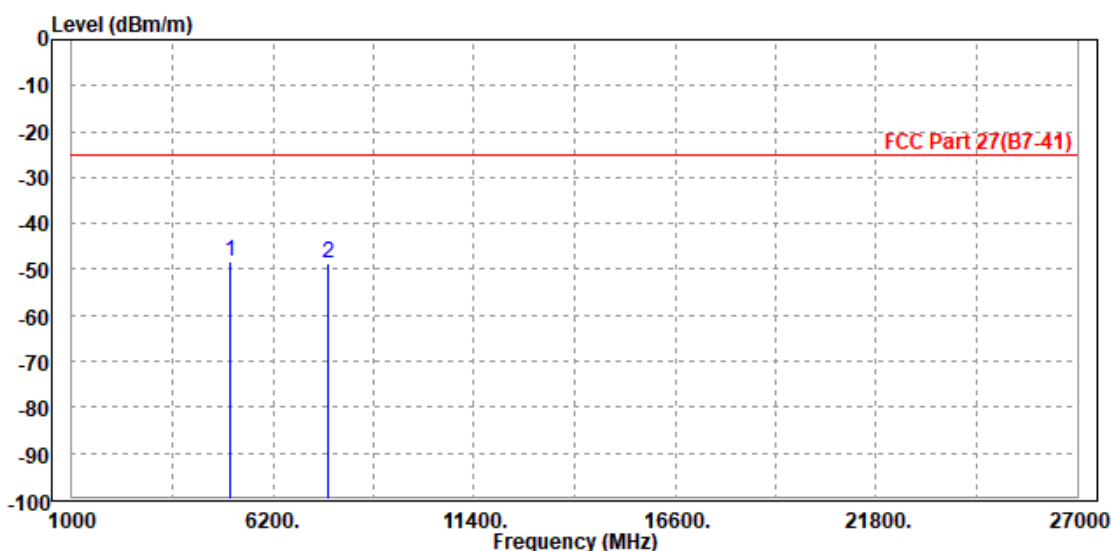




Test Report No.: W7L-P22090015-1RF06

| | | | |
|--|------------------|------------------------|---------------|
| MODE | TX channel 21100 | FREQUENCY RANGE | Above 1000MHz |
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60HZ |
| TESTED BY | Jace Hu | | |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL 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 5082.000 | -48.32 | -58.19 | -25.00 | -23.32 | 9.87 | Peak | Vertical |
| 2 | 7605.000 | -48.51 | -61.29 | -25.00 | -23.51 | 12.78 | Peak | Vertical |





BUREAU VERITAS

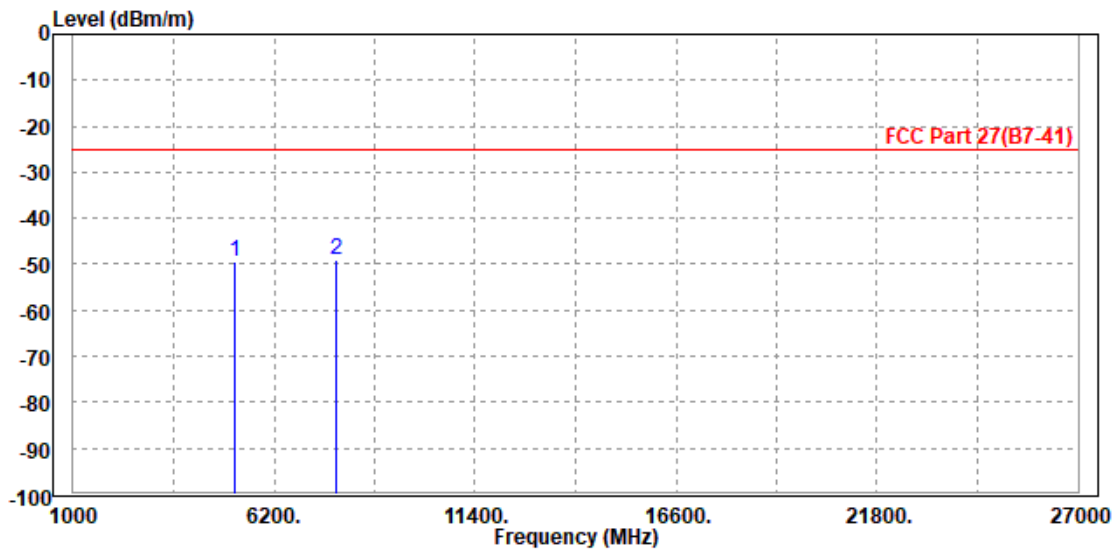
Test Report No.: W7L-P22090015-1RF06

LTE Band 38

CHANNEL BANDWIDTH: 5MHz / QPSK

| | | | |
|--|------------------|-----------------|---------------|
| MODE | TX channel 38000 | 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 | 5190.000 | -49.56 | -58.65 | -25.00 | -24.56 | 9.09 | Peak | Horizontal |
| 2 PP | 7786.000 | -49.16 | -60.64 | -25.00 | -24.16 | 11.48 | Peak | Horizontal |

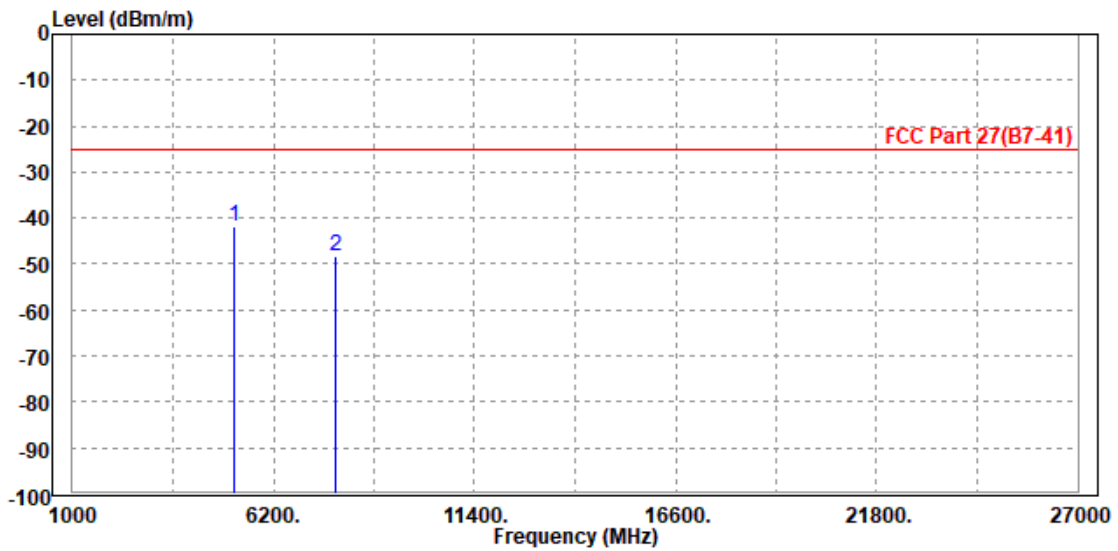




Test Report No.: W7L-P22090015-1RF06

| | | | |
|--|------------------|-----------------|---------------|
| MODE | TX channel 38000 | FREQUENCY RANGE | Above 1000MHz |
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60Hz |
| TESTED BY | Jace Hu | | |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL 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 5186.000 | -41.68 | -51.51 | -25.00 | -16.68 | 9.83 | Peak | Vertical |
| 2 | 7785.000 | -48.33 | -61.18 | -25.00 | -23.33 | 12.85 | Peak | Vertical |





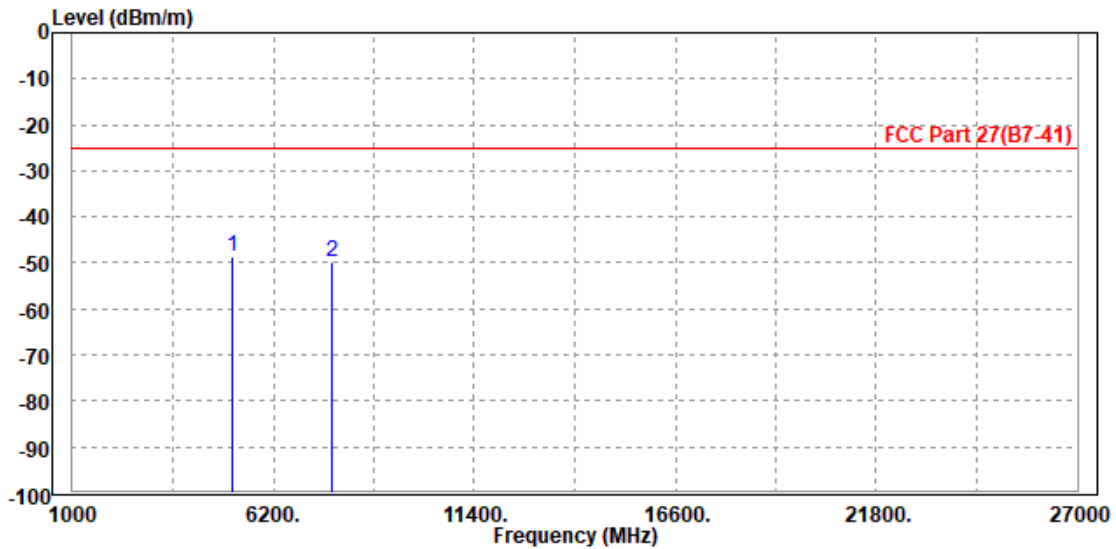
BUREAU VERITAS

Test Report No.: W7L-P22090015-1RF06

CHANNEL BANDWIDTH: 10MHz / QPSK
CH37800

| | | | |
|---|------------------|-----------------|---------------|
| MODE | TX channel 37800 | 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 5160.000 | -48.79 | -57.79 | -25.00 | -23.79 | 9.00 | Peak | Horizontal |
| 2 | 7725.000 | -49.76 | -61.21 | -25.00 | -24.76 | 11.45 | Peak | Horizontal |

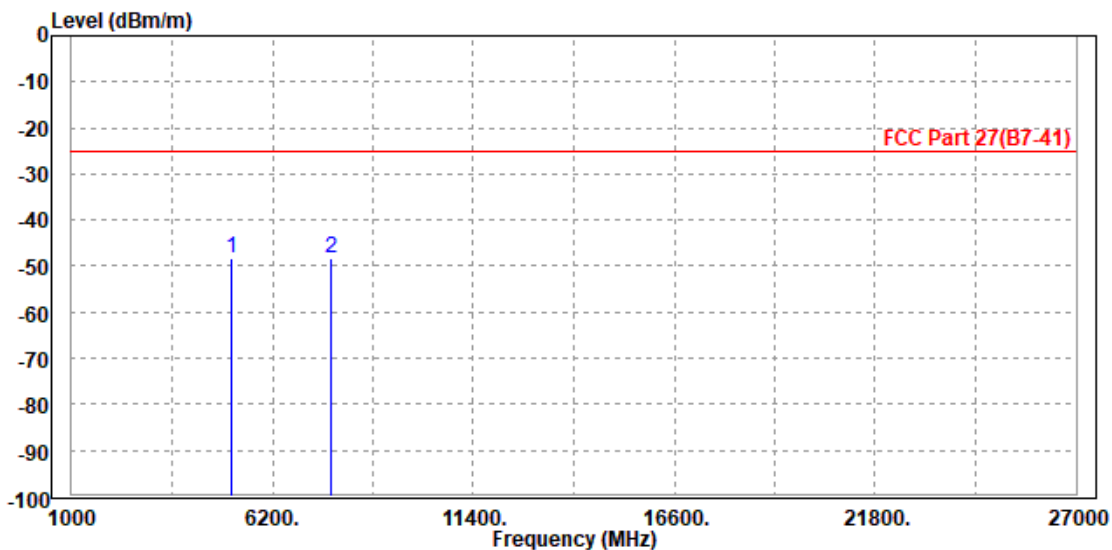




Test Report No.: W7L-P22090015-1RF06

| | | | |
|--|------------------|------------------------|---------------|
| MODE | TX channel 37800 | FREQUENCY RANGE | Above 1000MHz |
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60Hz |
| TESTED BY | Jace Hu | | |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL 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 5160.000 | -48.37 | -58.21 | -25.00 | -23.37 | 9.84 | Peak | Vertical |
| 2 | 7725.000 | -48.47 | -61.30 | -25.00 | -23.47 | 12.83 | Peak | Vertical |



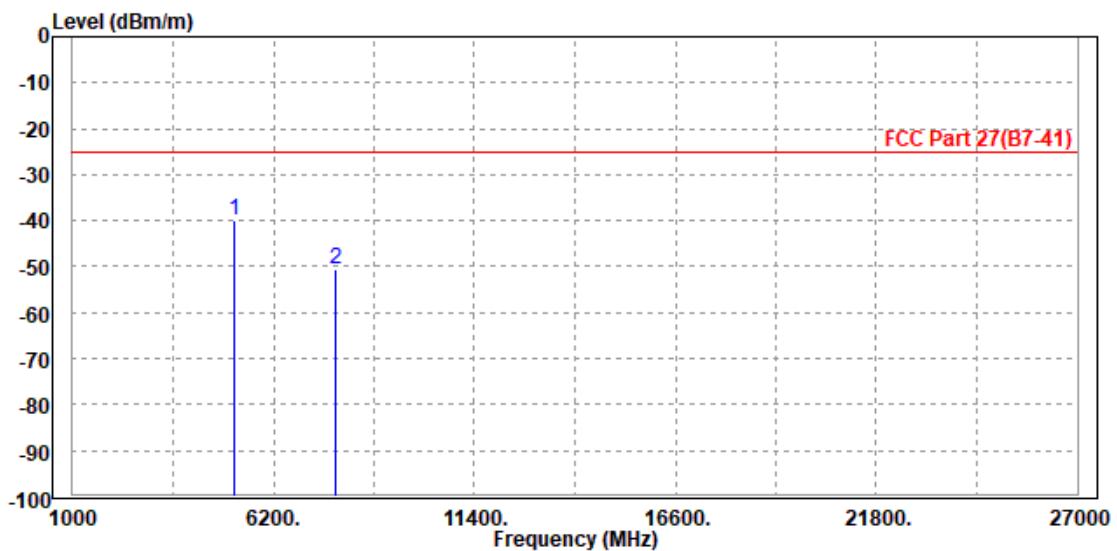


Test Report No.: W7L-P22090015-1RF06

CH38000

| | | | |
|--|------------------|------------------------|---------------|
| MODE | TX channel 38000 | 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 | Over Limit | Factor | Remark | Pol/Phase |
|---|-------------|--------|------------|--------|------------|--------|--------|------------|
| | MHz | dBm/m | dBm | dBm/m | dB | dB/m | | |
| 1 | PP 5186.000 | -39.89 | -48.97 | -25.00 | -14.89 | 9.08 | Peak | Horizontal |
| 2 | 7785.000 | -50.75 | -62.23 | -25.00 | -25.75 | 11.48 | Peak | Horizontal |

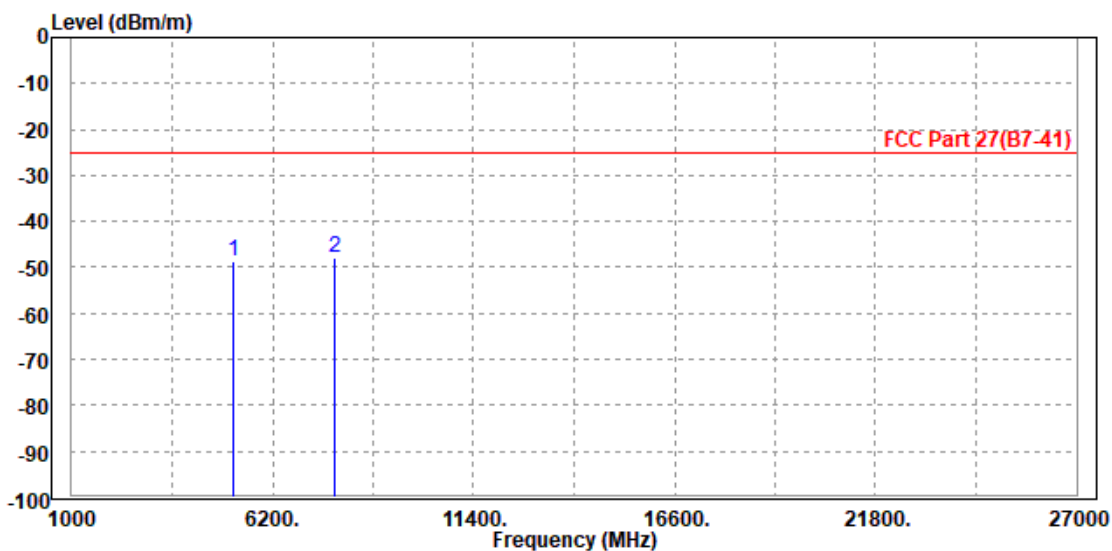




Test Report No.: W7L-P22090015-1RF06

| | | | |
|--|------------------|------------------------|---------------|
| MODE | TX channel 38000 | FREQUENCY RANGE | Above 1000MHz |
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60Hz |
| TESTED BY | Jace Hu | | |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL 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 | 5186.000 | -48.71 | -58.54 | -25.00 | -23.71 | 9.83 | Peak | Vertical |
| 2 | PP 7785.000 | -48.01 | -60.86 | -25.00 | -23.01 | 12.85 | Peak | Vertical |





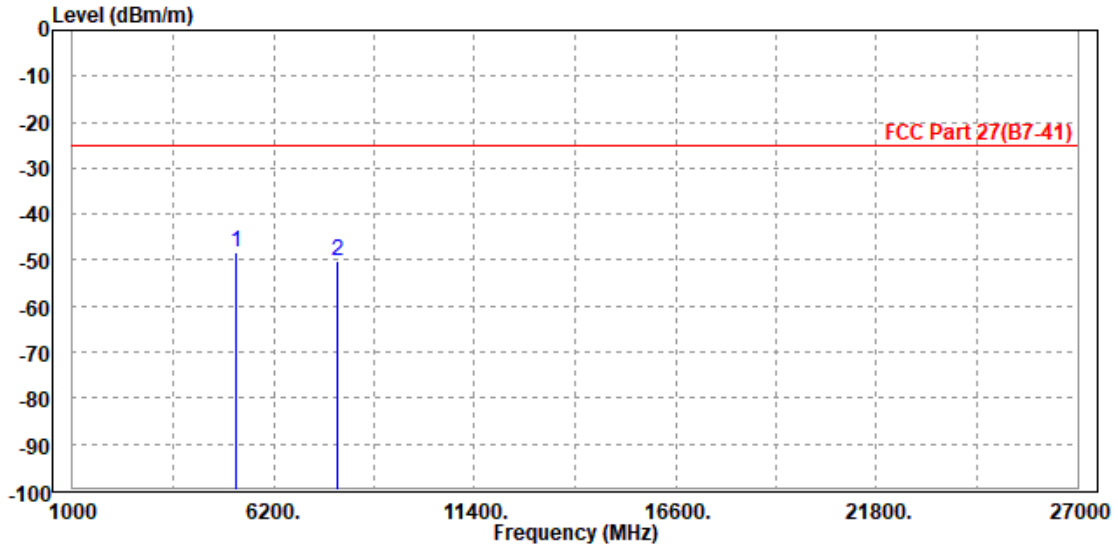
**BUREAU
VERITAS**

Test Report No.: W7L-P22090015-1RF06

CH38200

| | | | |
|--|------------------|------------------------|---------------|
| MODE | TX channel 38200 | 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 5238.000 | -48.26 | -57.50 | -25.00 | -23.26 | 9.24 | Peak | Horizontal |
| 2 | 7845.000 | -50.25 | -61.75 | -25.00 | -25.25 | 11.50 | Peak | Horizontal |

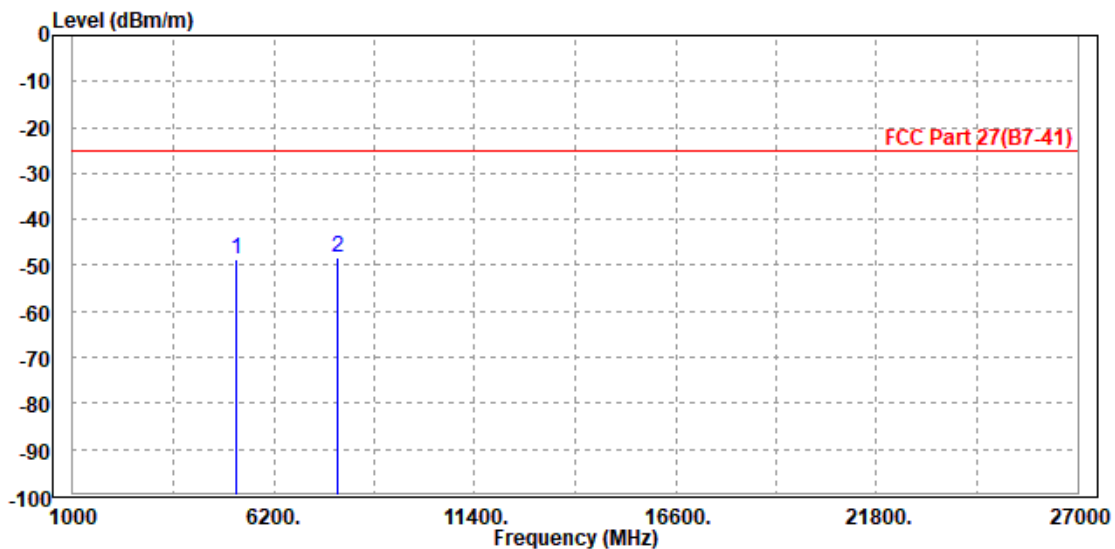




Test Report No.: W7L-P22090015-1RF06

| | | | |
|--|------------------|------------------------|---------------|
| MODE | TX channel 38200 | FREQUENCY RANGE | Above 1000MHz |
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60Hz |
| TESTED BY | Jace Hu | | |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL 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 | 5238.000 | -48.48 | -58.29 | -25.00 | -23.48 | 9.81 | Peak | Vertical |
| 2 PP | 7845.000 | -48.35 | -61.22 | -25.00 | -23.35 | 12.87 | Peak | Vertical |



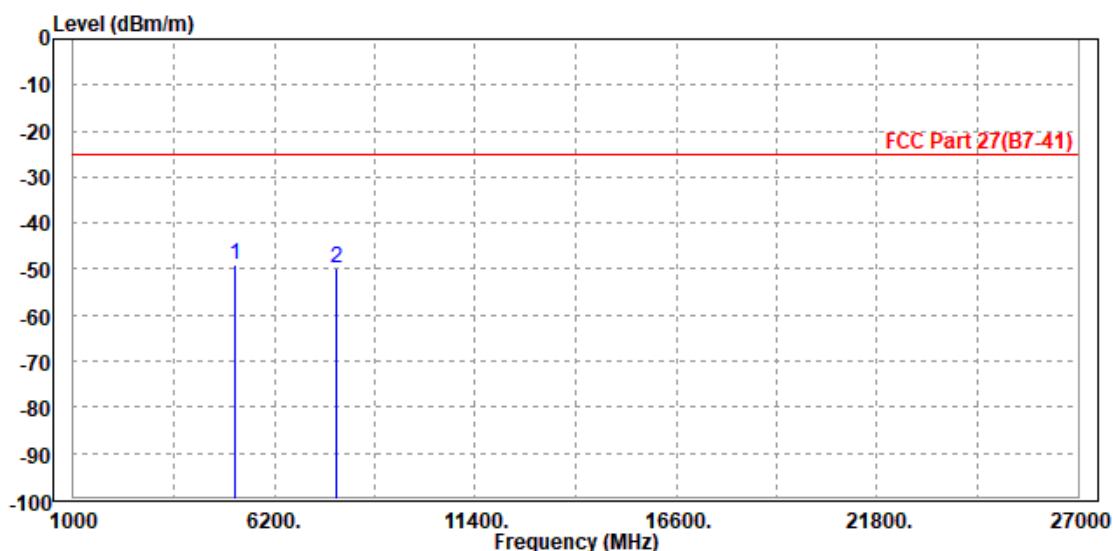


Test Report No.: W7L-P22090015-1RF06

CHANNEL BANDWIDTH: 15MHz / QPSK

| | | | |
|---|------------------|-----------------|---------------|
| MODE | TX channel 38000 | 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 5190.000 | -49.18 | -58.27 | -25.00 | -24.18 | 9.09 | Peak | Horizontal |
| 2 | 7786.000 | -49.62 | -61.10 | -25.00 | -24.62 | 11.48 | Peak | Horizontal |

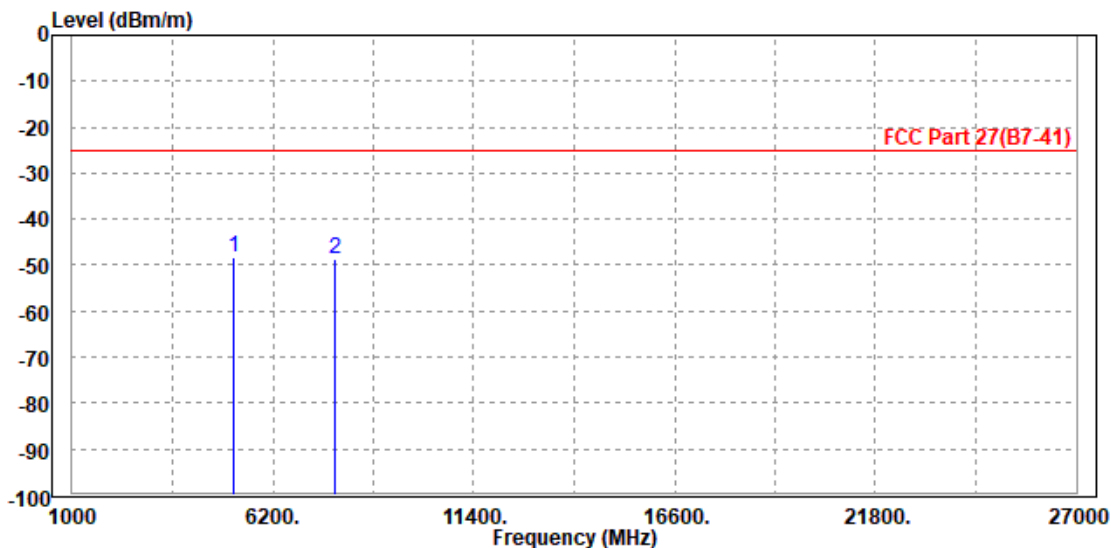




Test Report No.: W7L-P22090015-1RF06

| | | | |
|--|------------------|-----------------|---------------|
| MODE | TX channel 38000 | FREQUENCY RANGE | Above 1000MHz |
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60Hz |
| TESTED BY | Jace Hu | | |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL 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 5186.000 | -48.30 | -58.13 | -25.00 | -23.30 | 9.83 | Peak | Vertical |
| 2 | 7785.000 | -48.71 | -61.56 | -25.00 | -23.71 | 12.85 | Peak | Vertical |





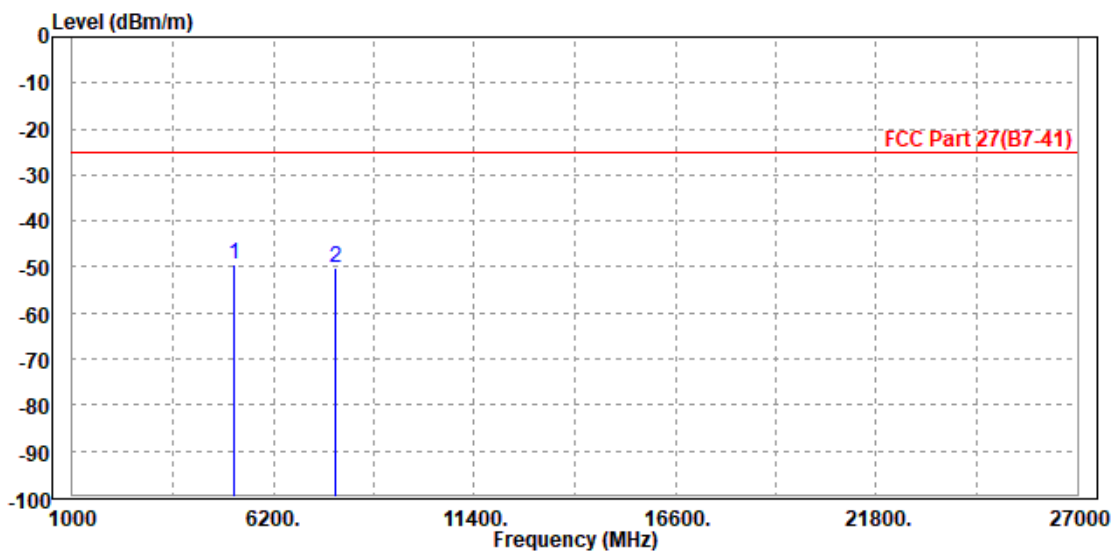
Test Report No.: W7L-P22090015-1RF06

CHANNEL BANDWIDTH: 20MHz / QPSK

CH 38000

| | | | |
|---|------------------|-----------------|---------------|
| MODE | TX channel 38000 | 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 5186.000 | -49.41 | -58.49 | -25.00 | -24.41 | 9.08 | Peak | Horizontal |
| 2 | 7785.000 | -50.32 | -61.80 | -25.00 | -25.32 | 11.48 | Peak | Horizontal |

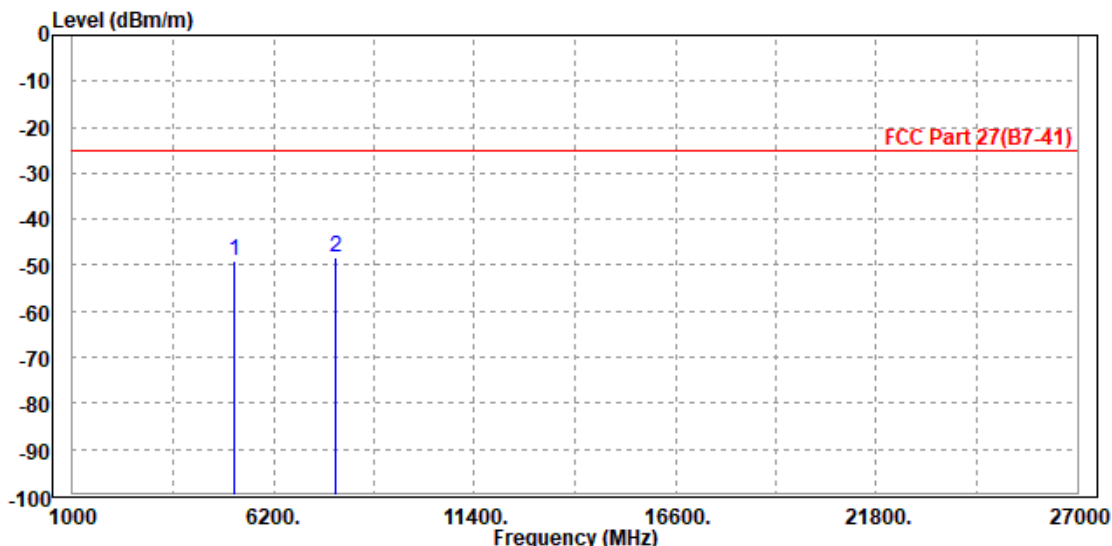




Test Report No.: W7L-P22090015-1RF06

| | | | |
|--|------------------|-----------------|---------------|
| MODE | TX channel 38000 | FREQUENCY RANGE | Above 1000MHz |
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60Hz |
| TESTED BY | Jace Hu | | |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL 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 | 5190.000 | -48.92 | -58.74 | -25.00 | -23.92 | 9.82 | Peak | Vertical |
| 2 | PP 7786.000 | -48.46 | -61.31 | -25.00 | -23.46 | 12.85 | Peak | Vertical |





BUREAU VERITAS

Test Report No.: W7L-P22090015-1RF06

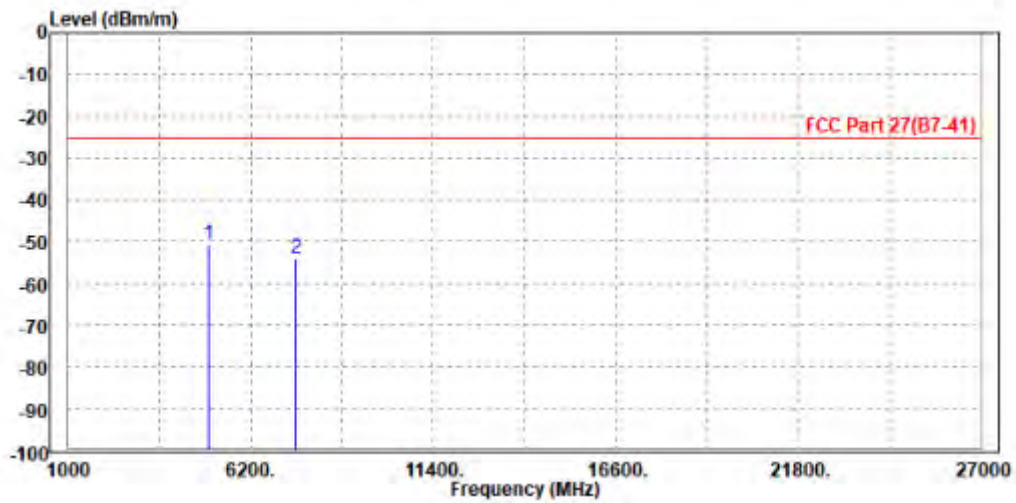
LTE BAND 41

CHANNEL BANDWIDTH: 5MHz / QPSK

CH39675

| | | | |
|--|------------------|-----------------|---------------|
| MODE | TX channel 39675 | 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 4997.000 | -50.67 | -60.36 | -25.00 | -25.67 | 9.69 | Peak | Horizontal |
| 2 | 7500.000 | -53.98 | -65.40 | -25.00 | -28.98 | 11.42 | Peak | Horizontal |

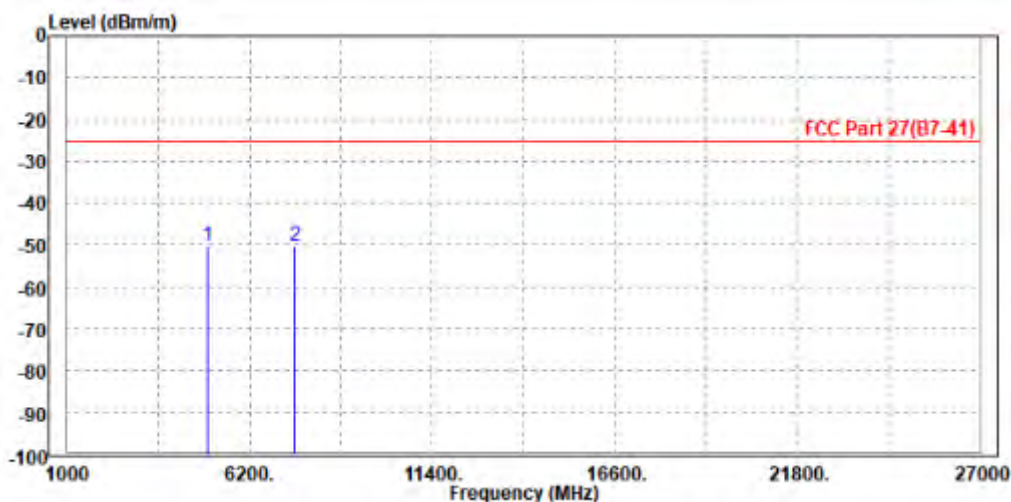




Test Report No.: W7L-P22090015-1RF06

| | | | |
|--|------------------|------------------------|---------------|
| MODE | TX channel 39675 | FREQUENCY RANGE | Above 1000MHz |
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60Hz |
| TESTED BY | Jace Hu | | |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL 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 5004.000 | -50.03 | -60.30 | -25.00 | -25.03 | 10.27 | Peak | Vertical |
| 2 | 7495.500 | -50.29 | -64.97 | -25.00 | -25.29 | 14.68 | Peak | Vertical |



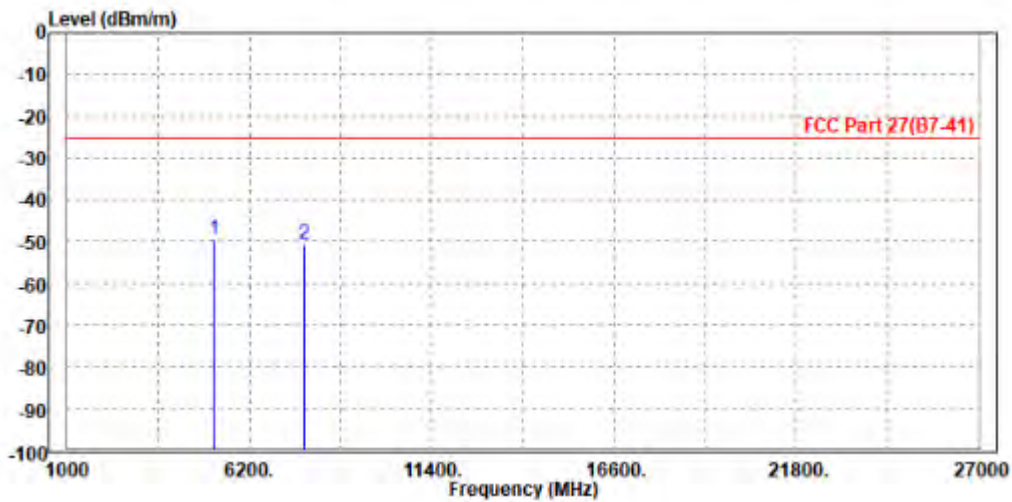


Test Report No.: W7L-P22090015-1RF06

CH40620

| | | | |
|--|------------------|------------------------|---------------|
| MODE | TX channel 40620 | 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 5186.000 | -49.53 | -59.51 | -25.00 | -24.53 | 9.98 | Peak | Horizontal |
| 2 | 7779.000 | -50.49 | -63.93 | -25.00 | -25.49 | 13.44 | Peak | Horizontal |

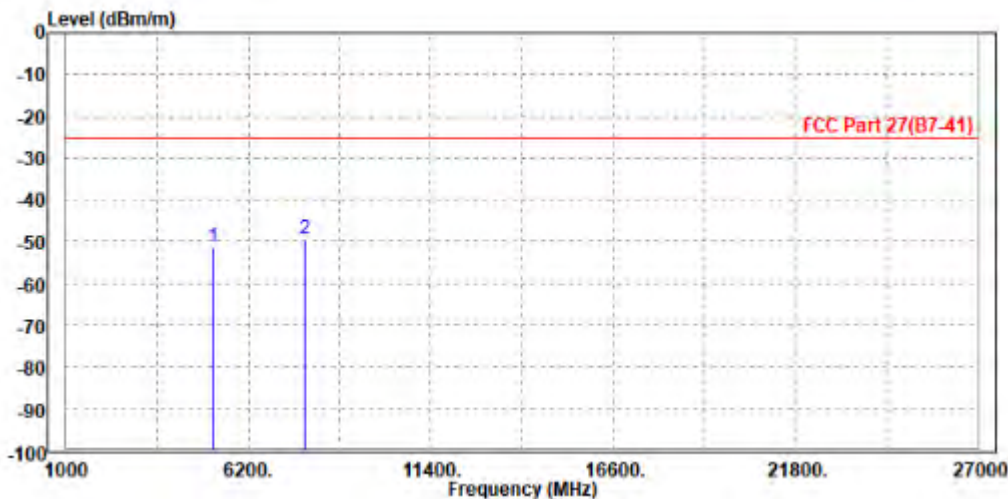




Test Report No.: W7L-P22090015-1RF06

| | | | |
|--|------------------|------------------------|---------------|
| MODE | TX channel 40620 | FREQUENCY RANGE | Above 1000MHz |
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60Hz |
| TESTED BY | Jace Hu | | |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL 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 | 5186.000 | -51.48 | -61.92 | -25.00 | -26.48 | 10.44 | Peak | Vertical |
| 2 PP | 7786.000 | -49.59 | -64.71 | -25.00 | -24.59 | 15.12 | Peak | Vertical |





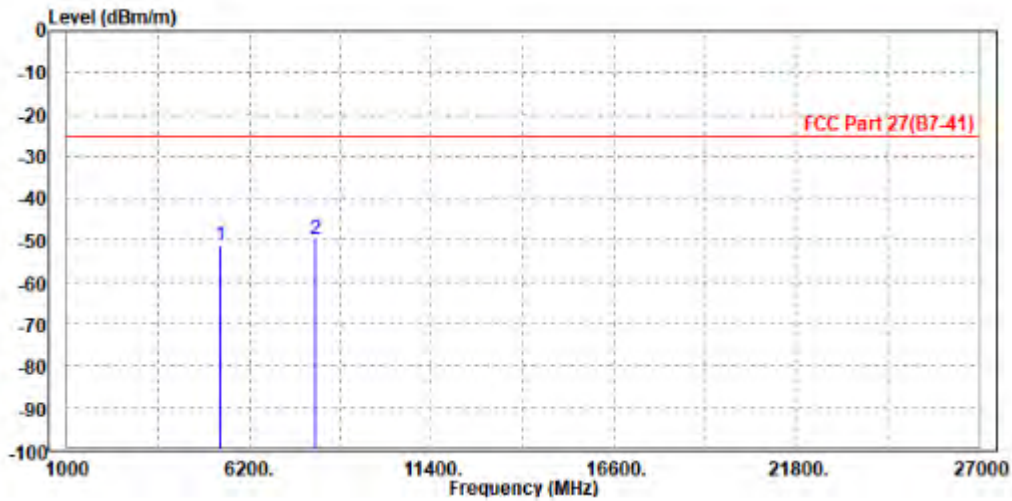
**BUREAU
VERITAS**

Test Report No.: W7L-P22090015-1RF06

CH41565

| | | | |
|--|------------------|------------------------|---------------|
| MODE | TX channel 41565 | 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 | 5368.000 | -51.35 | -61.62 | -25.00 | -26.35 | 10.27 | Peak | Horizontal |
| 2 | PP 8062.500 | -49.65 | -64.68 | -25.00 | -24.65 | 15.03 | Peak | Horizontal |

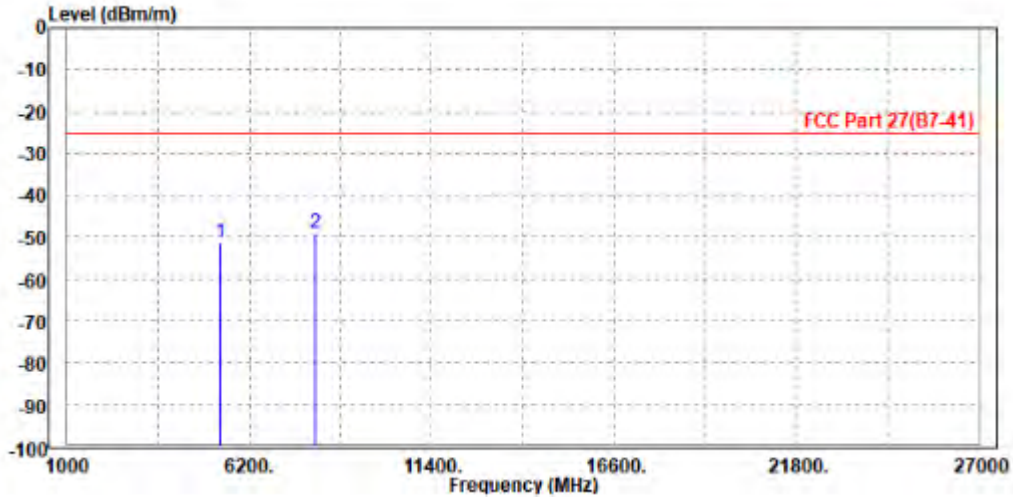




Test Report No.: W7L-P22090015-1RF06

| | | | |
|--|------------------|------------------------|---------------|
| MODE | TX channel 41565 | FREQUENCY RANGE | Above 1000MHz |
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60Hz |
| TESTED BY | Jace Hu | | |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL 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 | 5375.000 | -51.45 | -62.06 | -25.00 | -26.45 | 10.61 | Peak | Vertical |
| 2 PP | 8072.000 | -49.04 | -64.45 | -25.00 | -24.04 | 15.41 | Peak | Vertical |





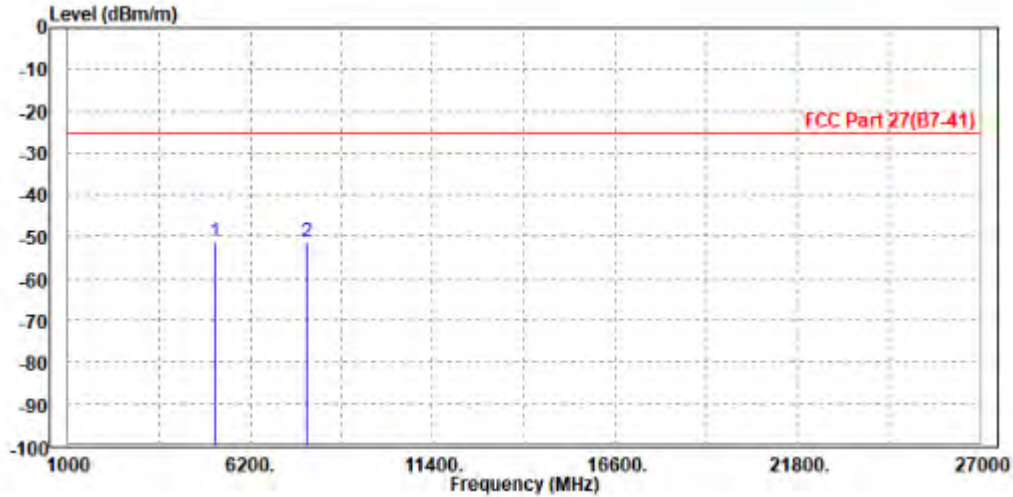
**BUREAU
VERITAS**

Test Report No.: W7L-P22090015-1RF06

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 | 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 5186.000 | -51.21 | -61.19 | -25.00 | -26.21 | 9.98 | Peak | Horizontal |
| 2 | 7786.000 | -51.37 | -64.86 | -25.00 | -26.37 | 13.49 | Peak | Horizontal |

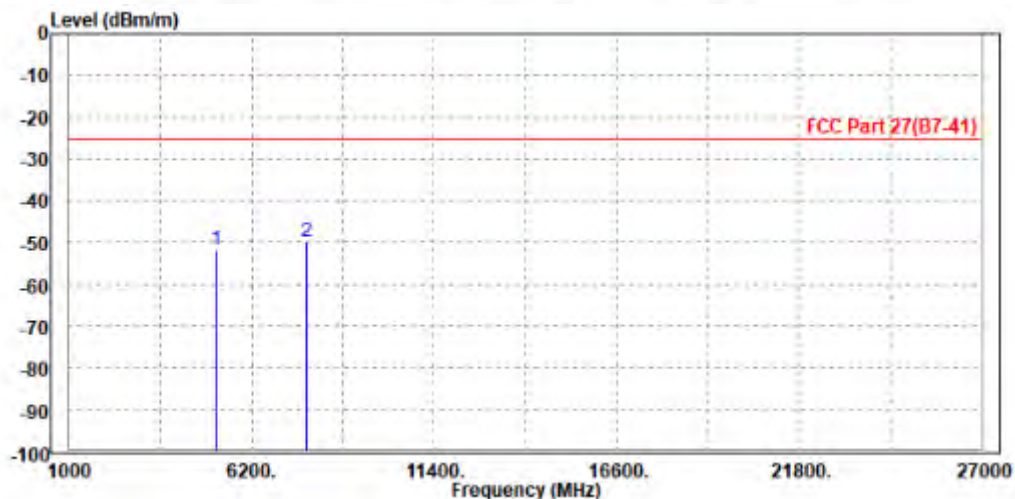




Test Report No.: W7L-P22090015-1RF06

| | | | |
|--|------------------|------------------------|---------------|
| MODE | TX channel 40620 | FREQUENCY RANGE | Above 1000MHz |
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60Hz |
| TESTED BY | Jace Hu | | |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL 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 | 5186.000 | -51.67 | -62.11 | -25.00 | -26.67 | 10.44 | Peak | Vertical |
| 2 PP | 7779.000 | -49.63 | -64.74 | -25.00 | -24.63 | 15.11 | Peak | Vertical |



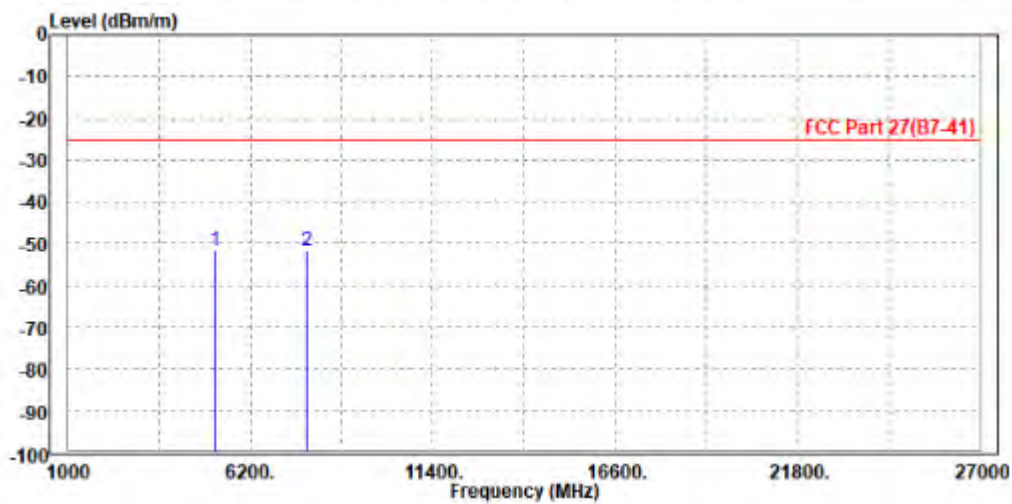


Test Report No.: W7L-P22090015-1RF06

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 | 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 5186.000 | -51.54 | -61.52 | -25.00 | -26.54 | 9.98 | Peak | Horizontal |
| 2 | 7786.000 | -51.66 | -65.15 | -25.00 | -26.66 | 13.49 | Peak | Horizontal |

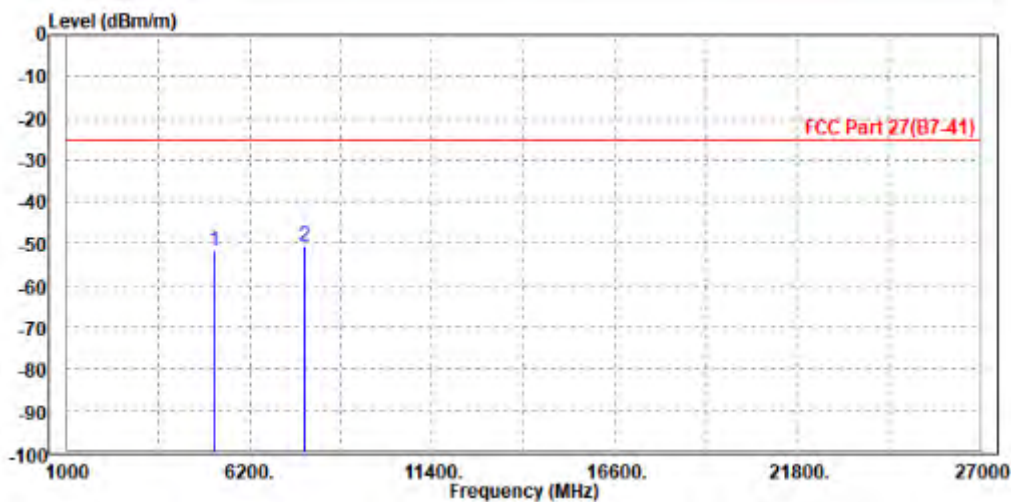




Test Report No.: W7L-P22090015-1RF06

| | | | |
|--|------------------|------------------------|---------------|
| MODE | TX channel 40620 | FREQUENCY RANGE | Above 1000MHz |
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60Hz |
| TESTED BY | Jace Hu | | |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL 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 | 5186.000 | -51.53 | -61.97 | -25.00 | -26.53 | 10.44 | Peak | Vertical |
| 2 | PP 7779.000 | -50.43 | -65.54 | -25.00 | -25.43 | 15.11 | Peak | Vertical |





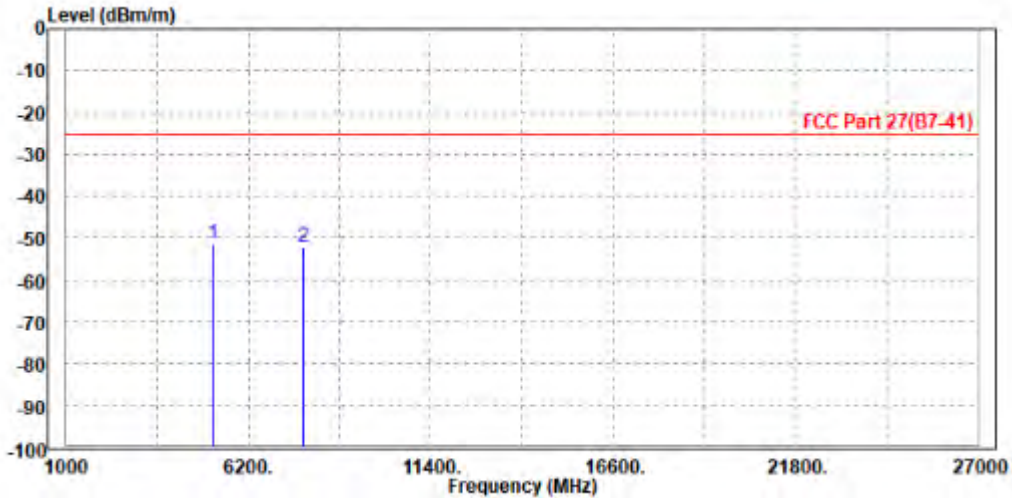
Test Report No.: W7L-P22090015-1RF06

CHANNEL BANDWIDTH: 20MHz / QPSK

CH40620

| | | | |
|--|------------------|-----------------|---------------|
| MODE | TX channel 40620 | 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 | 5186.000 | -51.30 | -61.28 | -25.00 | -26.30 | 9.98 | Peak | Horizontal |
| 2 | 7779.000 | -51.93 | -65.37 | -25.00 | -26.93 | 13.44 | Peak | Horizontal |

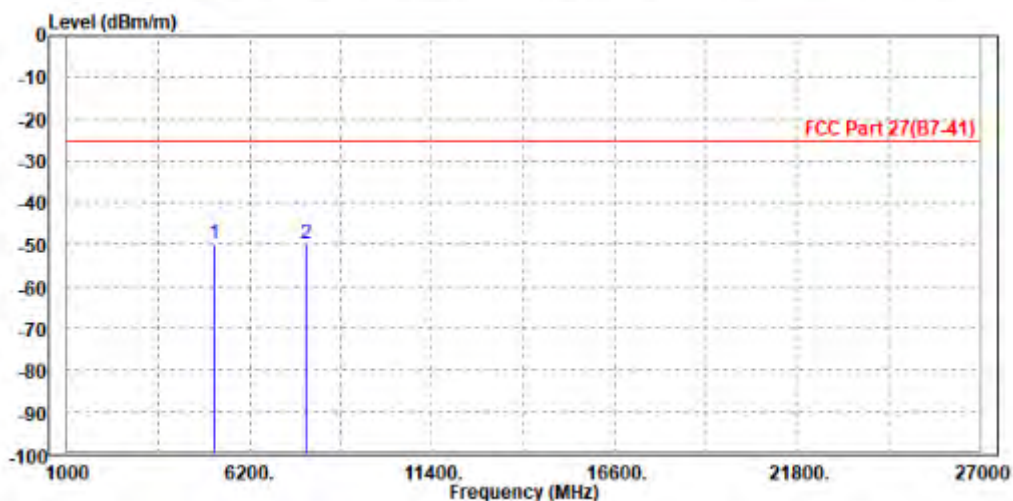




Test Report No.: W7L-P22090015-1RF06

| | | | |
|--|------------------|------------------------|---------------|
| MODE | TX channel 40620 | FREQUENCY RANGE | Above 1000MHz |
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | AC 120V/60Hz |
| TESTED BY | Jace Hu | | |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL 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 | 5186.000 | -49.89 | -60.33 | -25.00 | -24.89 | 10.44 | Peak | Vertical |
| 2 PP | 7786.000 | -49.85 | -64.97 | -25.00 | -24.85 | 15.12 | Peak | Vertical |

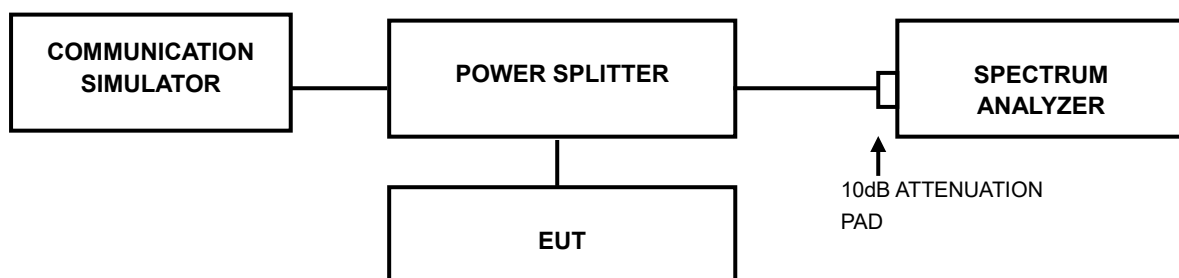


3.7 PEAK TO AVERAGE RATIO

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-P22090015-1RF06

3.7.4 TEST RESULTS

Please Refer to Appendix Of this test report.



Test Report No.: W7L-P22090015-1RF06

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@cn.bureauveritas.com

Web Site: 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-P22090015-1RF06

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

Appendix A: LTE BAND 7

PEAK-TO-AVERAGE RATIO(CCDF)

Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|-------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band7 | 5MHz | QPSK | 20775 | 1RB#0 | 4.23 | 13 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 25RB#0 | 4.99 | 13 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 1RB#0 | 4.71 | 13 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 25RB#0 | 5.01 | 13 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 1RB#0 | 4.76 | 13 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 25RB#0 | 5.07 | 13 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 1RB#0 | 5.09 | 13 | PASS |
| Band7 | 5MHz | 16QAM | 20775 | 25RB#0 | 5.77 | 13 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 1RB#0 | 5.50 | 13 | PASS |
| Band7 | 5MHz | 16QAM | 21100 | 25RB#0 | 5.70 | 13 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 1RB#0 | 5.42 | 13 | PASS |
| Band7 | 5MHz | 16QAM | 21425 | 25RB#0 | 5.83 | 13 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 1RB#0 | 4.44 | 13 | PASS |
| Band7 | 5MHz | 64QAM | 20775 | 25RB#0 | 5.28 | 13 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 1RB#0 | 5.09 | 13 | PASS |
| Band7 | 5MHz | 64QAM | 21100 | 25RB#0 | 5.28 | 13 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 1RB#0 | 4.36 | 13 | PASS |
| Band7 | 5MHz | 64QAM | 21425 | 25RB#0 | 4.74 | 13 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 1RB#0 | 4.57 | 13 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 50RB#0 | 5.12 | 13 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 1RB#0 | 4.56 | 13 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 50RB#0 | 5.10 | 13 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 1RB#0 | 4.51 | 13 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 50RB#0 | 5.06 | 13 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#0 | 5.45 | 13 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0 | 5.88 | 13 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#0 | 5.28 | 13 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0 | 5.77 | 13 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#0 | 5.18 | 13 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0 | 5.78 | 13 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 1RB#0 | 4.82 | 13 | PASS |
| Band7 | 10MHz | 64QAM | 20800 | 50RB#0 | 5.35 | 13 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 1RB#0 | 4.66 | 13 | PASS |
| Band7 | 10MHz | 64QAM | 21100 | 50RB#0 | 5.35 | 13 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 1RB#0 | 4.16 | 13 | PASS |
| Band7 | 10MHz | 64QAM | 21400 | 50RB#0 | 5.04 | 13 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 1RB#0 | 4.36 | 13 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 75RB#0 | 5.54 | 13 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 1RB#0 | 4.41 | 13 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 75RB#0 | 5.43 | 13 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 1RB#0 | 4.77 | 13 | PASS |



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Test Report No.: W7L-P22090015-1RF06

| | | | | | | | |
|-------|-------|-------|-------|---------|------|----|------|
| Band7 | 15MHz | QPSK | 21375 | 75RB#0 | 5.46 | 13 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#0 | 4.93 | 13 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0 | 6.04 | 13 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#0 | 5.43 | 13 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0 | 5.95 | 13 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#0 | 5.47 | 13 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0 | 5.96 | 13 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 1RB#0 | 4.59 | 13 | PASS |
| Band7 | 15MHz | 64QAM | 20825 | 75RB#0 | 5.63 | 13 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 1RB#0 | 4.59 | 13 | PASS |
| Band7 | 15MHz | 64QAM | 21100 | 75RB#0 | 5.55 | 13 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 1RB#0 | 4.19 | 13 | PASS |
| Band7 | 15MHz | 64QAM | 21375 | 75RB#0 | 5.20 | 13 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 1RB#0 | 4.60 | 13 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | 5.43 | 13 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 1RB#0 | 4.46 | 13 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | 5.35 | 13 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 1RB#0 | 4.76 | 13 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | 5.35 | 13 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#0 | 5.00 | 13 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | 6.11 | 13 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#0 | 5.29 | 13 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | 6.03 | 13 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#0 | 5.47 | 13 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | 6.00 | 13 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 1RB#0 | 4.67 | 13 | PASS |
| Band7 | 20MHz | 64QAM | 20850 | 100RB#0 | 5.51 | 13 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 1RB#0 | 4.37 | 13 | PASS |
| Band7 | 20MHz | 64QAM | 21100 | 100RB#0 | 5.34 | 13 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 1RB#0 | 4.05 | 13 | PASS |
| Band7 | 20MHz | 64QAM | 21350 | 100RB#0 | 5.14 | 13 | PASS |

Test Graphs



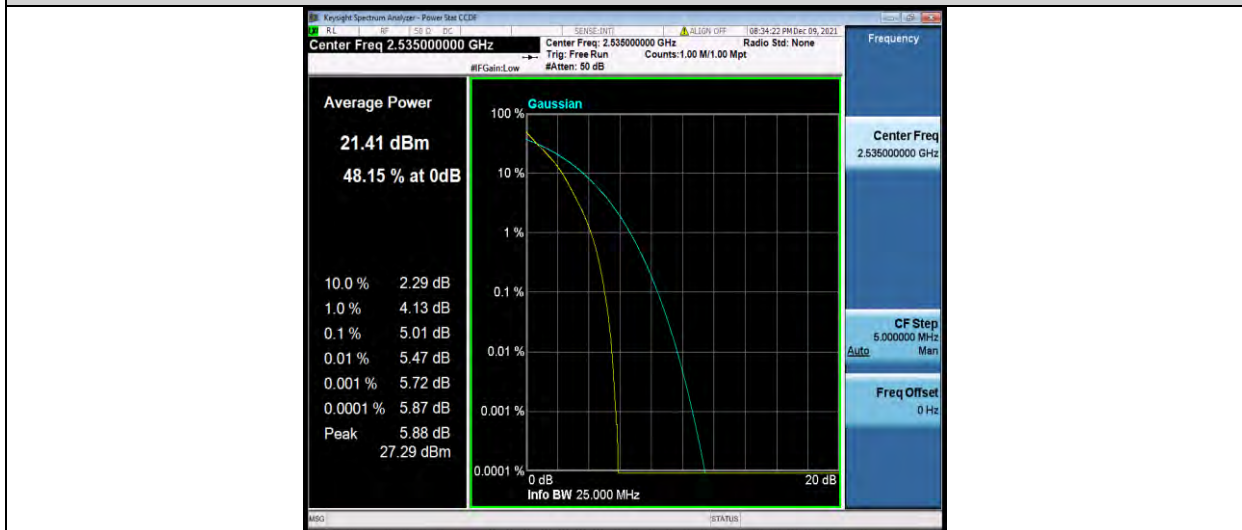


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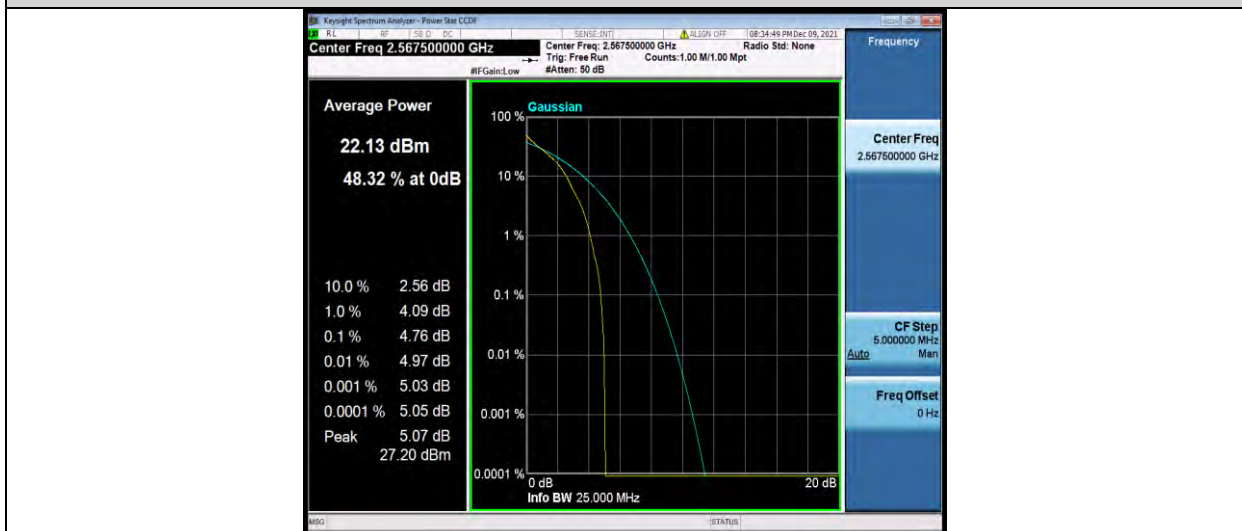
Test Report No.: W7L-P22090015-1RF06



Band7-5MHz-QPSK-21100-25RB#0



Band7-5MHz-QPSK-21425-1RB#0

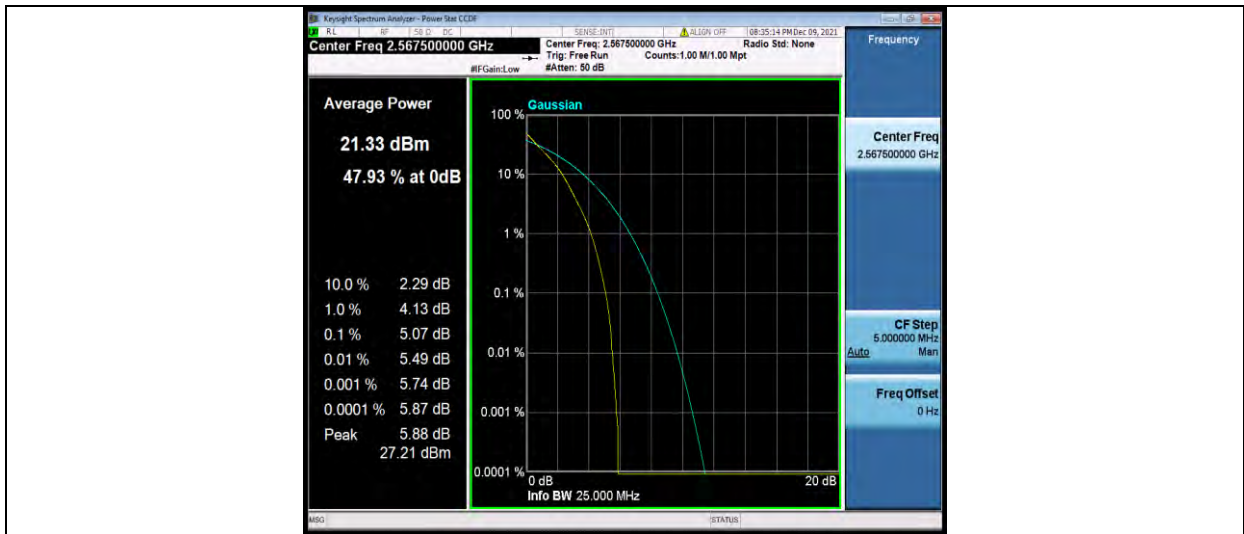


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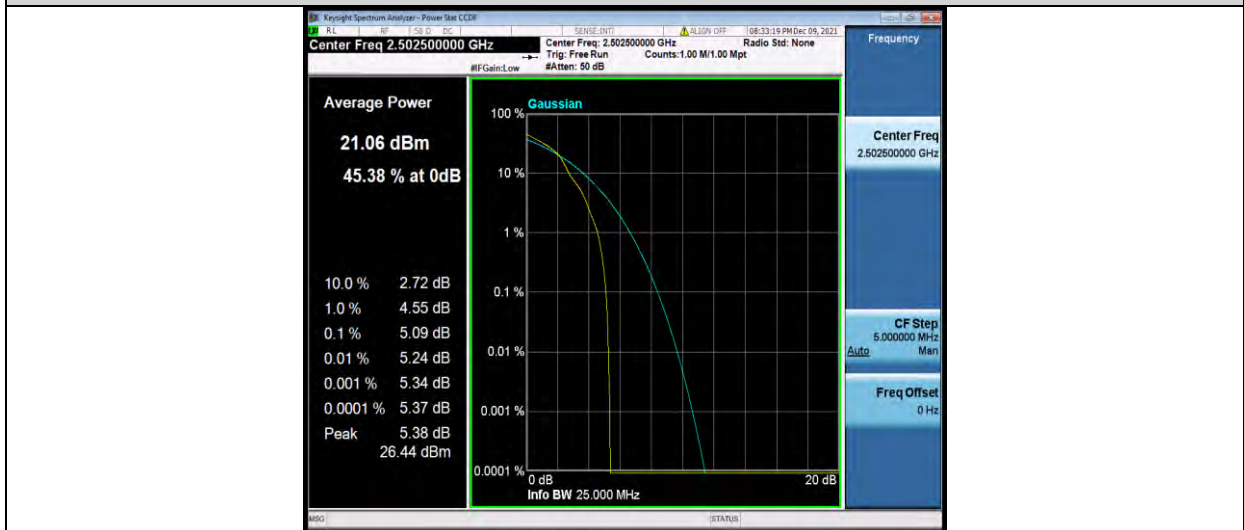


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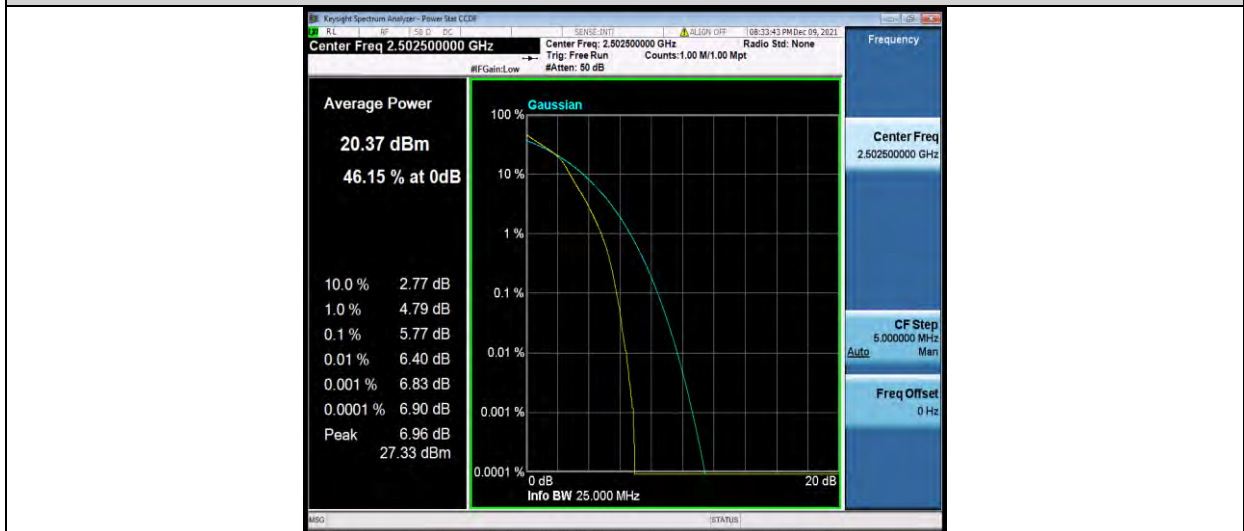
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Band7-5MHz-16QAM-20775-1RB#0



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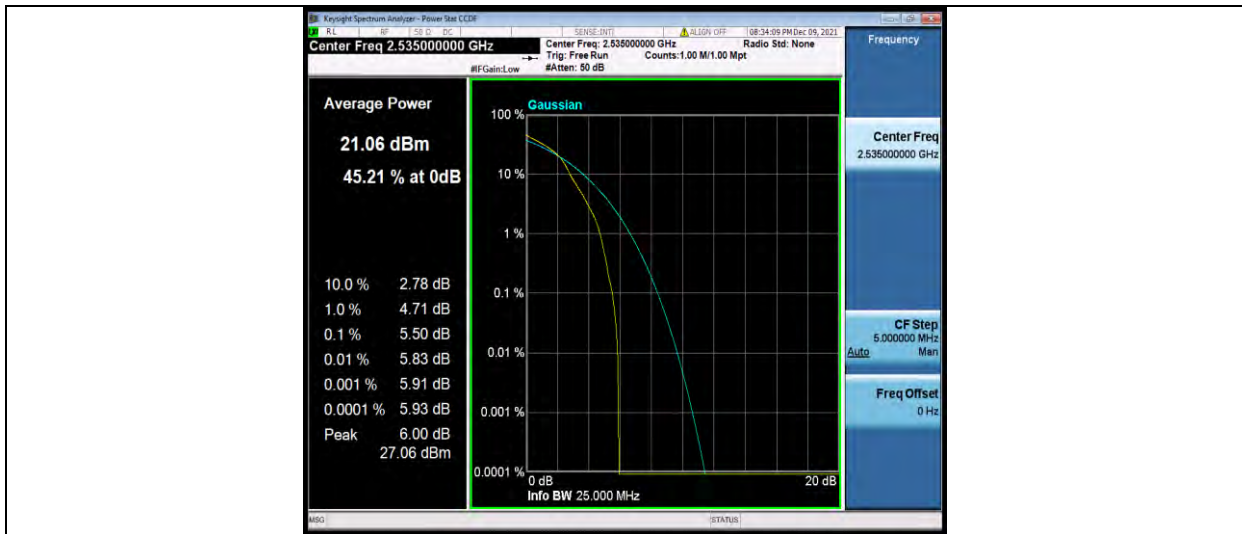


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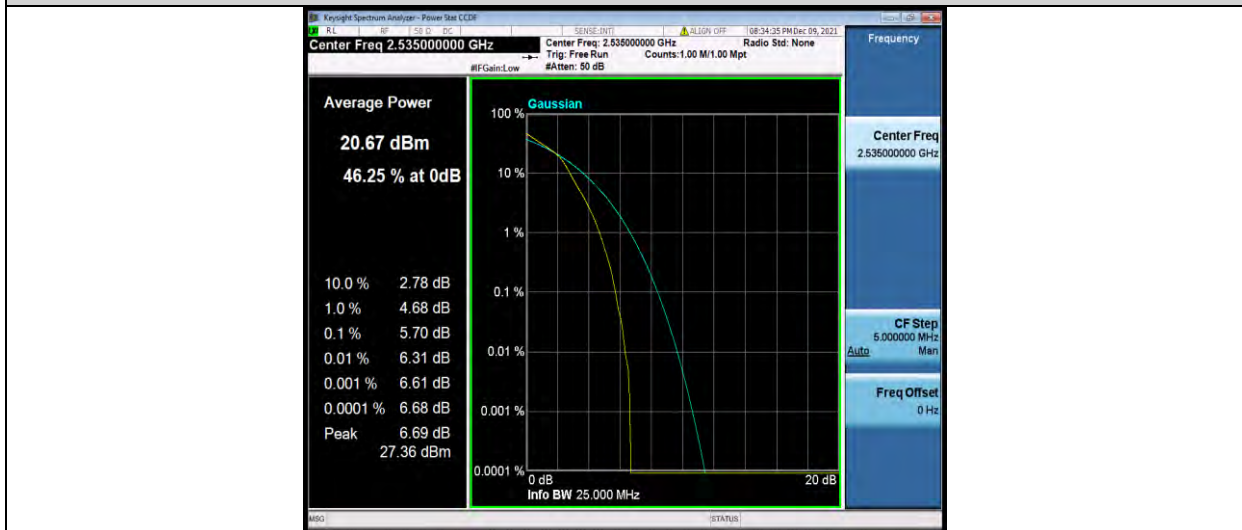


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Test Report No.: W7L-P22090015-1RF06



Band7-5MHz-16QAM-21100-25RB#0



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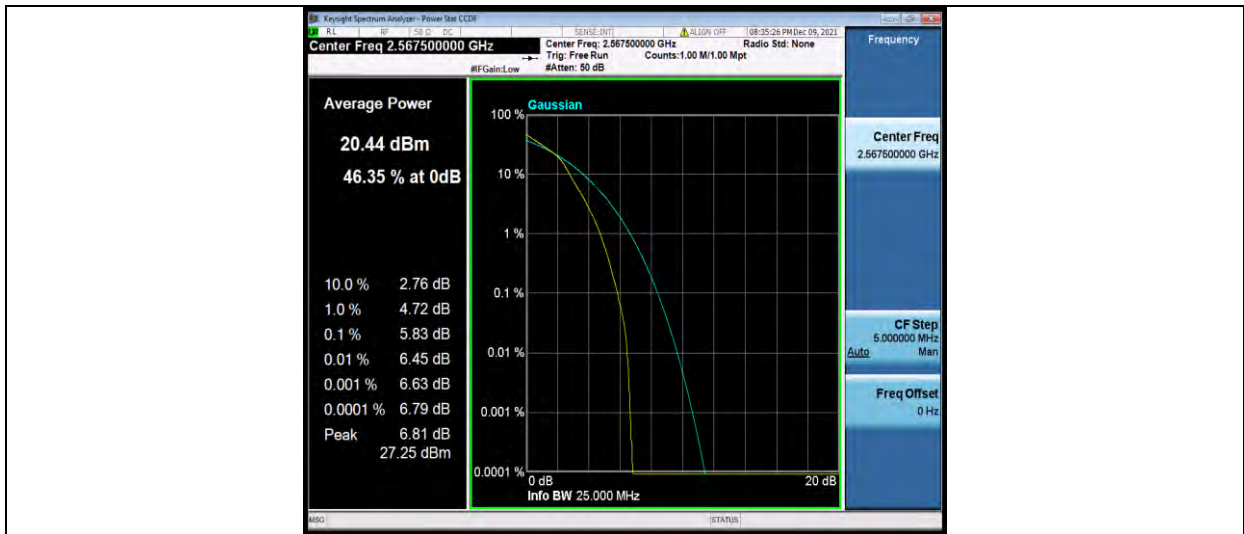


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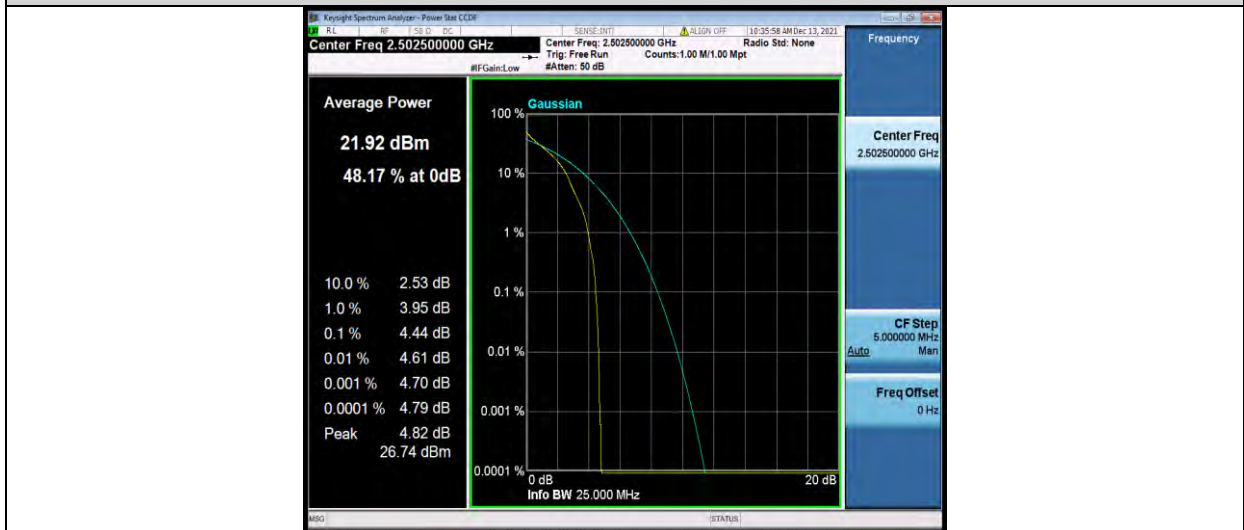


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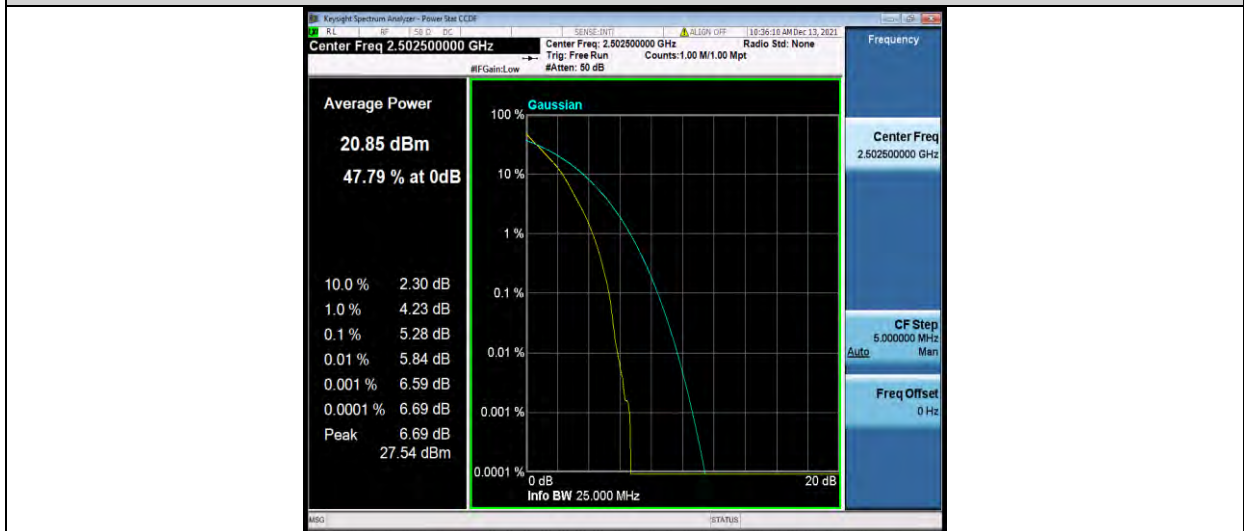
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Band7-5MHz-64QAM-20775-1RB#0



Band7-5MHz-64QAM-20775-25RB#0

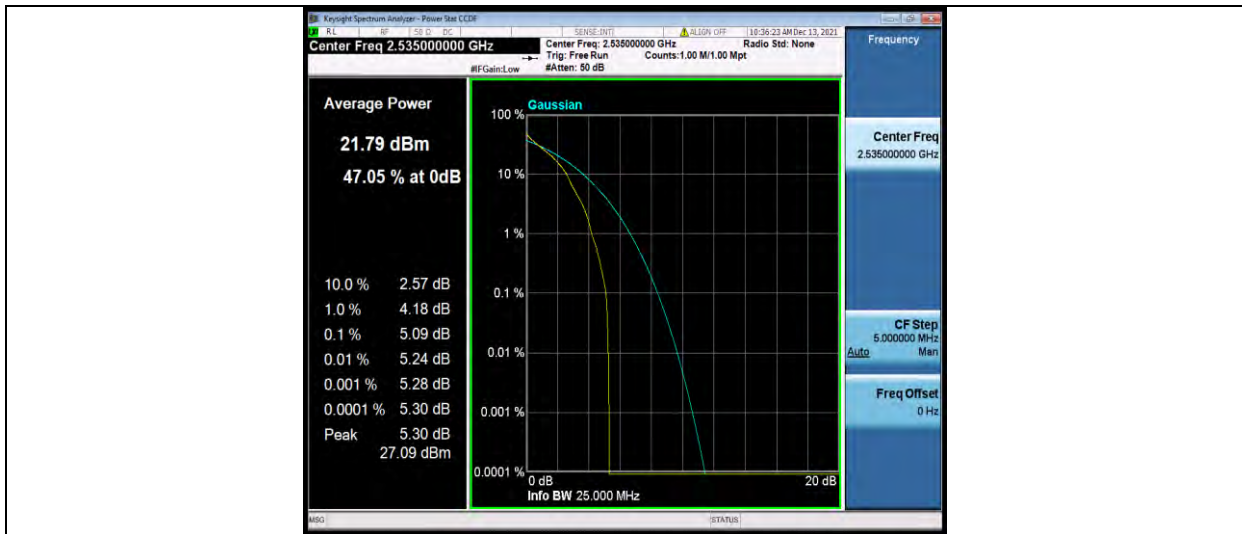


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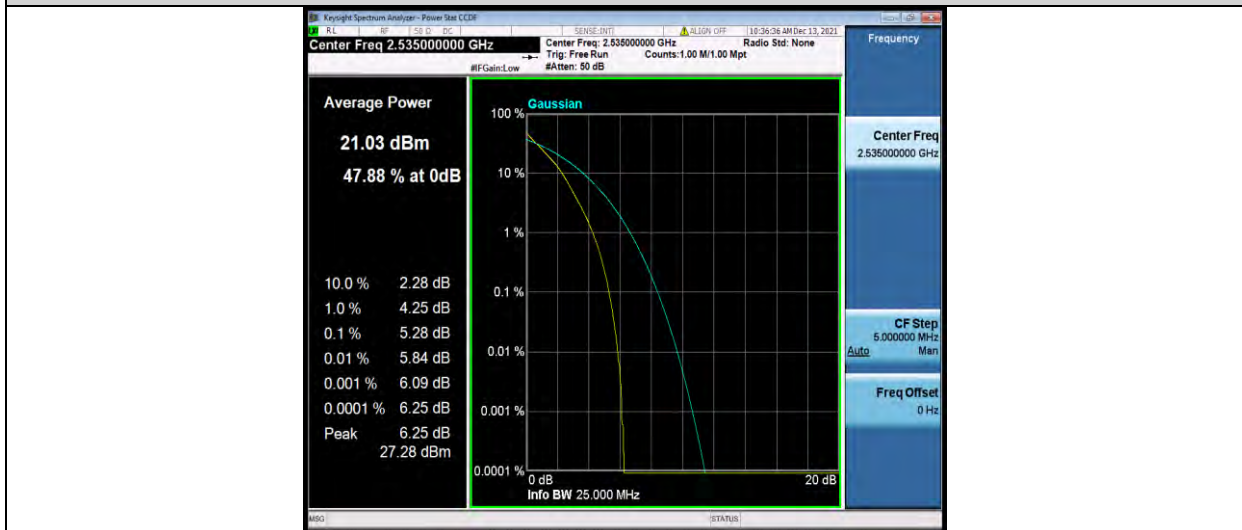


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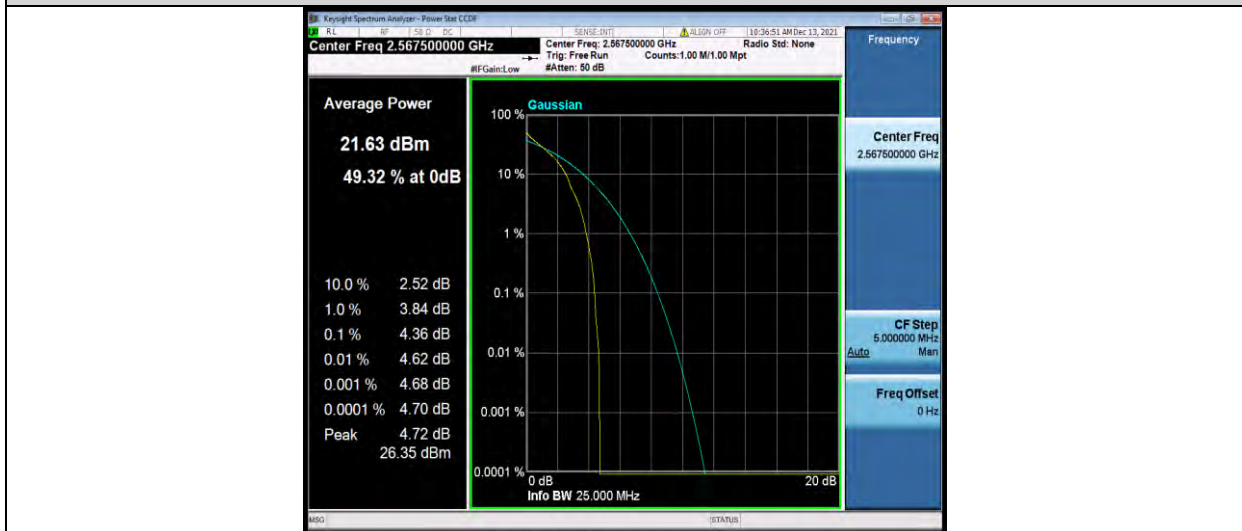
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Band7-5MHz-64QAM-21100-25RB#0



Band7-5MHz-64QAM-21425-1RB#0

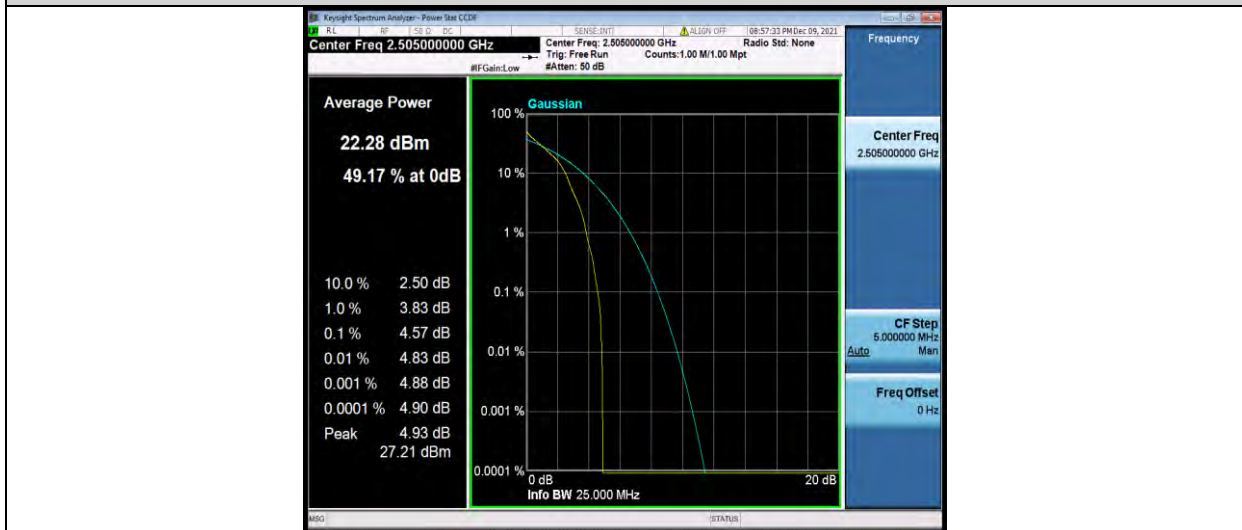


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BUREAU VERITAS

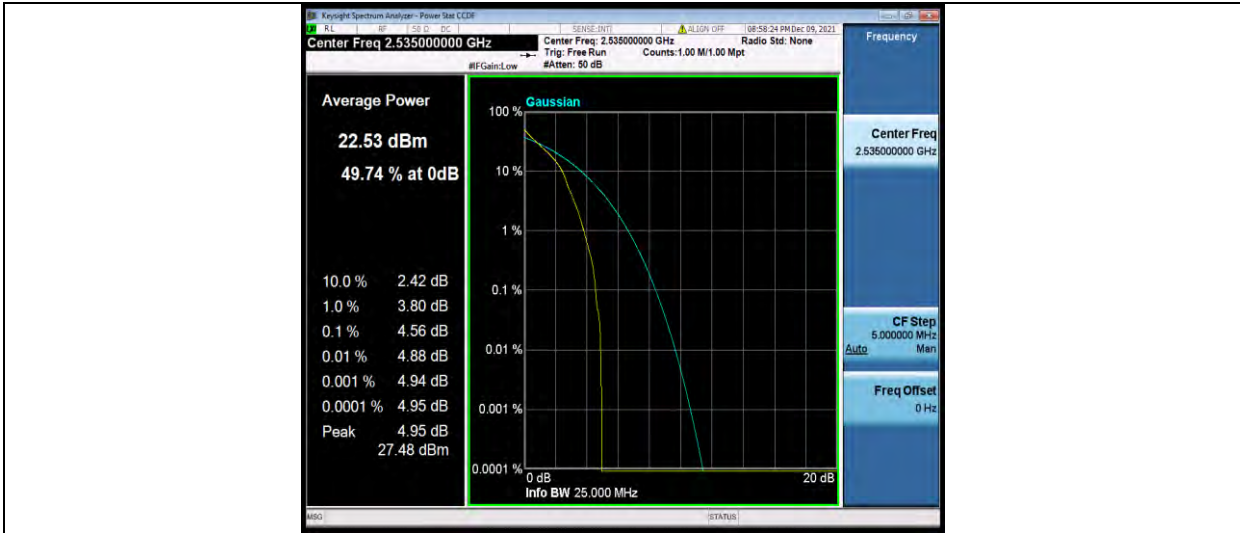
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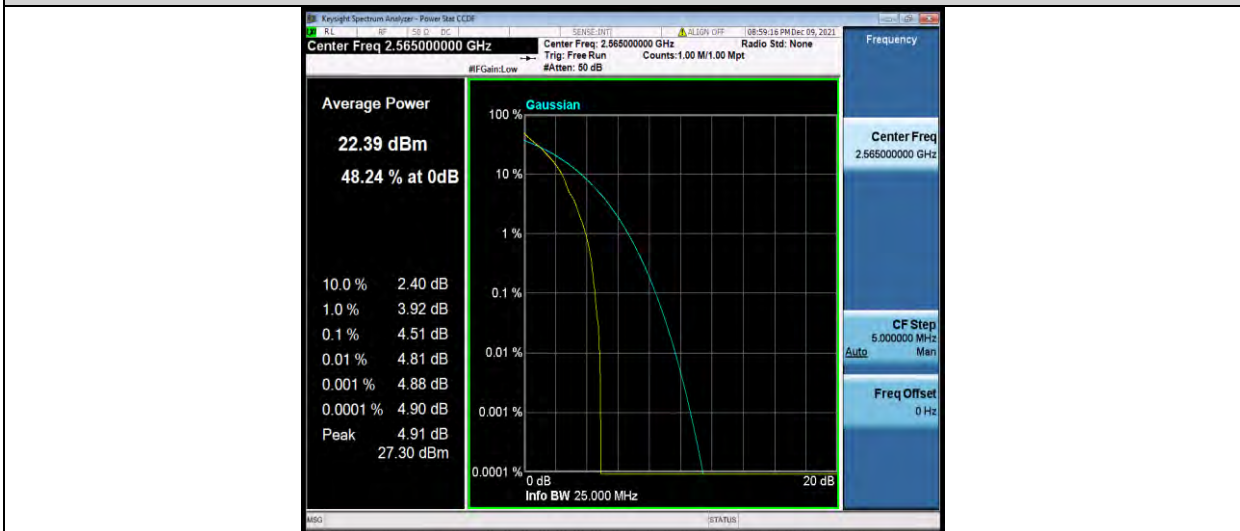
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Band7-10MHz-QPSK-21100-50RB#0



Band7-10MHz-QPSK-21400-1RB#0



Band7-10MHz-QPSK-21400-50RB#0