

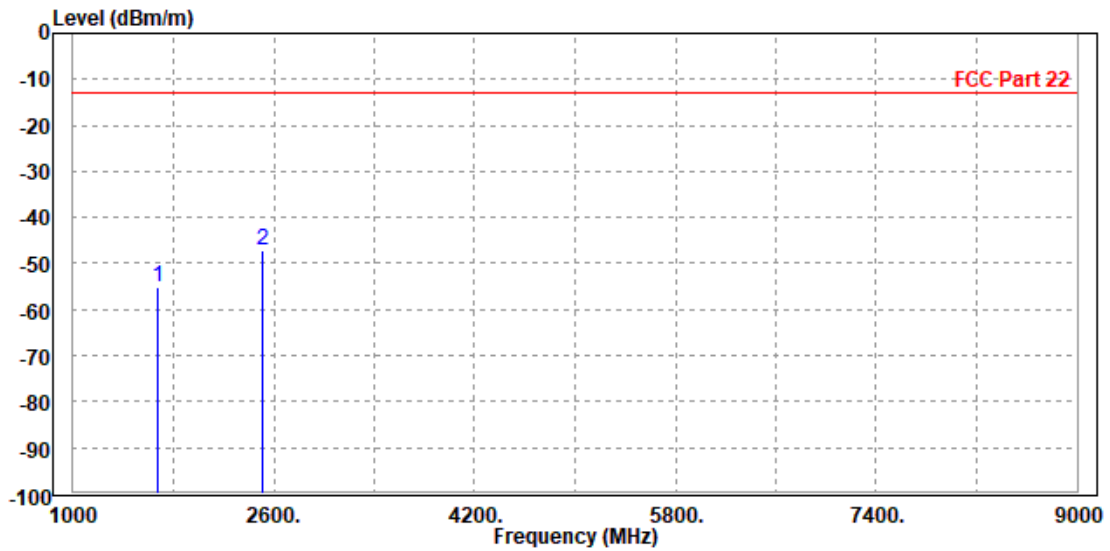


**BUREAU
VERITAS**

Test Report No.: W7L-P23010024RF04

| | | | |
|--|-----------------|------------------------|---------------|
| MODE | TX channel 4182 | FREQUENCY RANGE | Above 1000MHz |
| ENVIRONMENTAL CONDITIONS | 23deg. C, 56%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 | 1672.000 | -55.08 | -56.29 | -13.00 | -42.08 | 1.21 | Peak | Vertical |
| 2 PP | 2509.200 | -47.27 | -52.24 | -13.00 | -34.27 | 4.97 | Peak | Vertical |

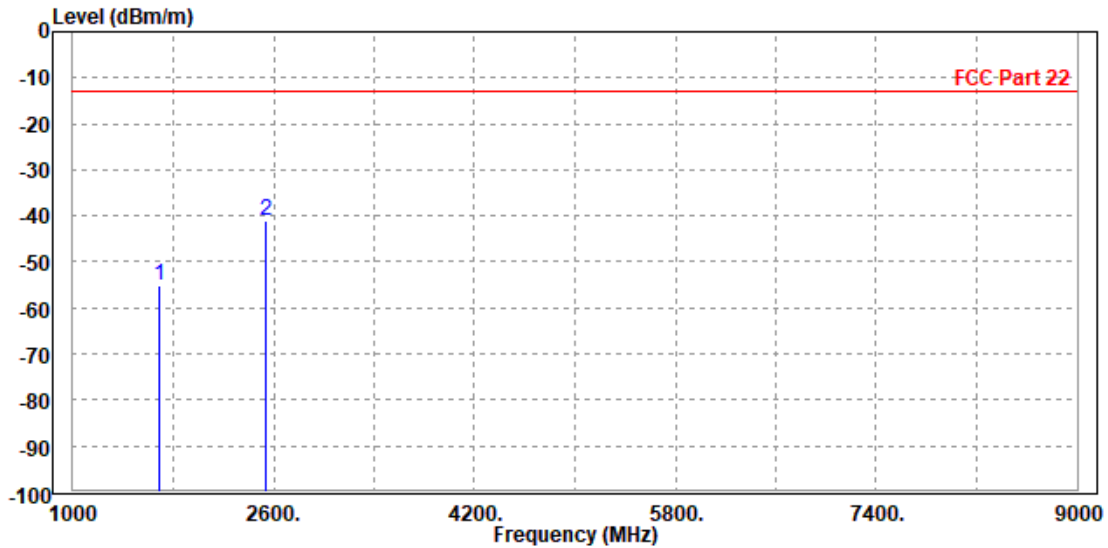




CH 4233:

| | | | |
|--|-----------------|------------------------|---------------|
| MODE | TX channel 4233 | FREQUENCY RANGE | Above 1000MHz |
| ENVIRONMENTAL CONDITIONS | 23deg. C, 56%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 | 1693.200 | -55.25 | -56.39 | -13.00 | -42.25 | 1.14 | Peak | Horizontal |
| 2 PP | 2536.000 | -40.99 | -46.52 | -13.00 | -27.99 | 5.53 | Peak | Horizontal |



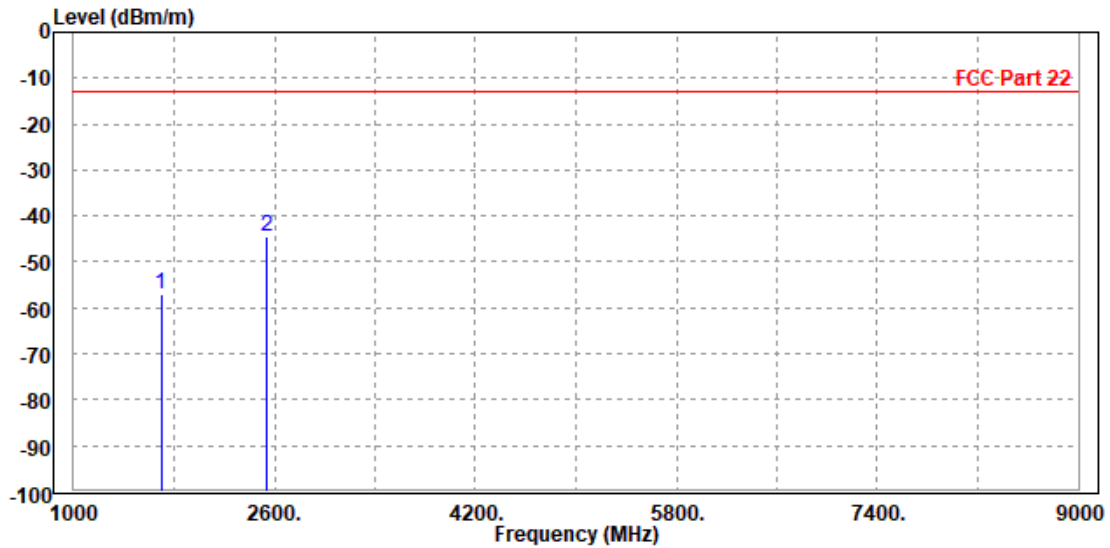


**BUREAU
VERITAS**

Test Report No.: W7L-P23010024RF04

| | | | |
|--|-----------------|------------------------|---------------|
| MODE | TX channel 4233 | FREQUENCY RANGE | Above 1000MHz |
| ENVIRONMENTAL CONDITIONS | 23deg. C, 56%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 | 1696.000 | -57.10 | -58.48 | -13.00 | -44.10 | 1.38 | Peak | Vertical |
| 2 PP | 2539.800 | -44.48 | -49.55 | -13.00 | -31.48 | 5.07 | Peak | Vertical |





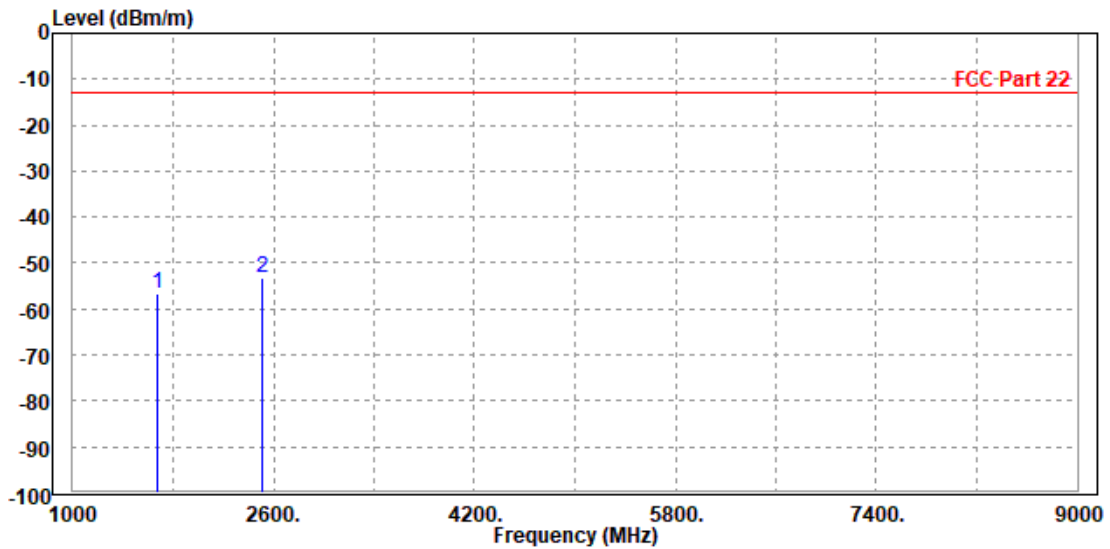
LTE Band 5

CHANNEL BANDWIDTH: 1.4MHz / QPSK

CH20525

| | | | |
|--|------------------|-----------------|---------------|
| MODE | TX channel 20525 | FREQUENCY RANGE | Above 1000MHz |
| ENVIRONMENTAL CONDITIONS | 23deg. C, 56%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 | 1673.000 | -56.47 | -57.45 | -13.00 | -43.47 | 0.98 | Peak | Horizontal |
| 2 PP | 2512.000 | -53.34 | -58.81 | -13.00 | -40.34 | 5.47 | Peak | Horizontal |



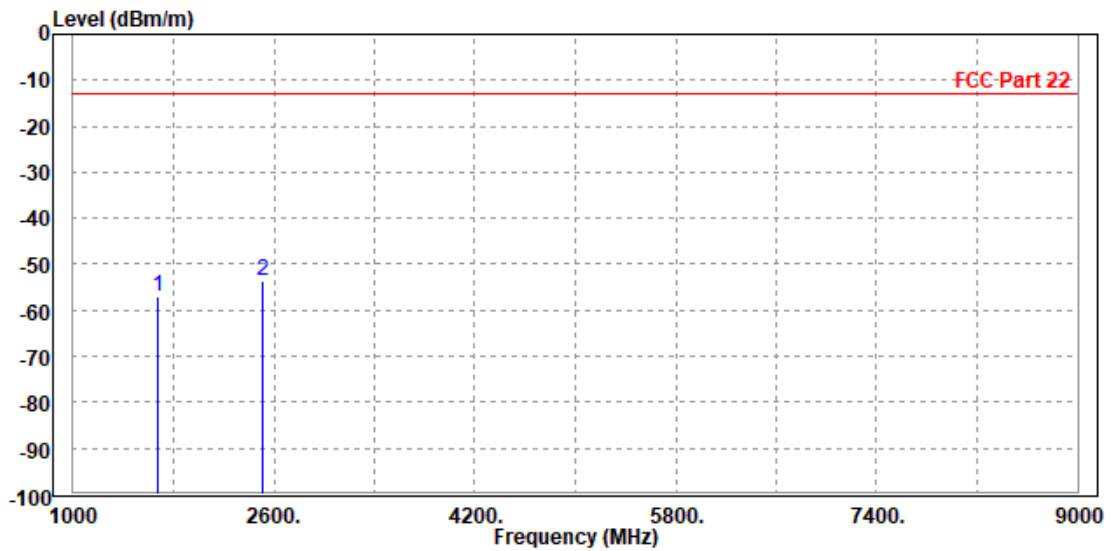


**BUREAU
VERITAS**

Test Report No.: W7L-P23010024RF04

| | | | |
|--|------------------|------------------------|---------------|
| MODE | TX channel 20525 | FREQUENCY RANGE | Above 1000MHz |
| ENVIRONMENTAL CONDITIONS | 23deg. C, 56%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 | 1672.000 | -57.09 | -58.30 | -13.00 | -44.09 | 1.21 | Peak | Vertical |
| 2 PP | 2509.500 | -53.79 | -58.76 | -13.00 | -40.79 | 4.97 | Peak | Vertical |



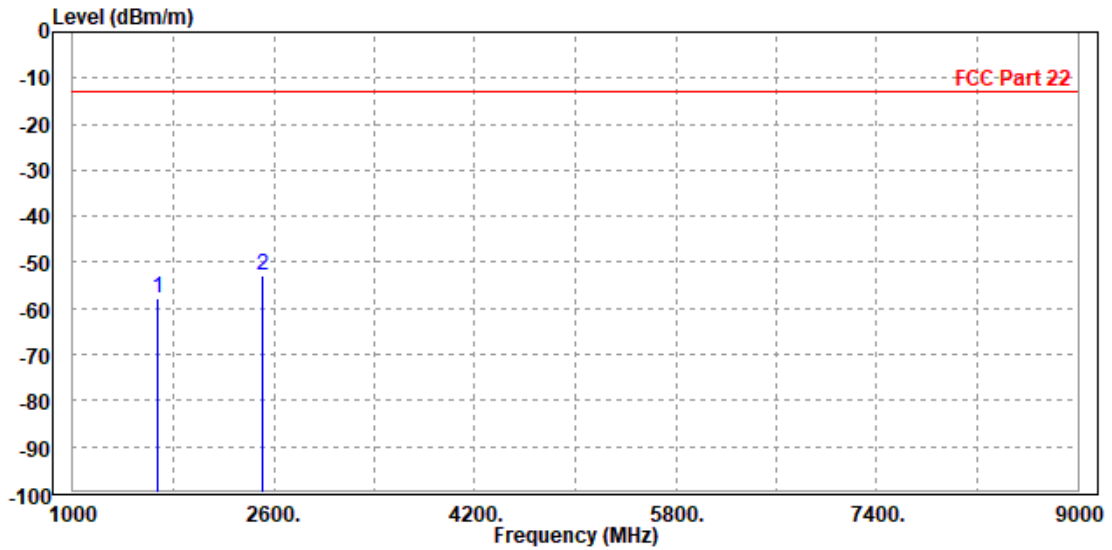


CHANNEL BANDWIDTH: 3MHz / QPSK

CH20525

| | | | |
|--|------------------|------------------------|---------------|
| MODE | TX channel 20525 | FREQUENCY RANGE | Above 1000MHz |
| ENVIRONMENTAL CONDITIONS | 23deg. C, 56%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 | 1672.000 | -57.77 | -58.74 | -13.00 | -44.77 | 0.97 | Peak | Horizontal |
| 2 PP | 2509.500 | -52.67 | -58.13 | -13.00 | -39.67 | 5.46 | Peak | Horizontal |



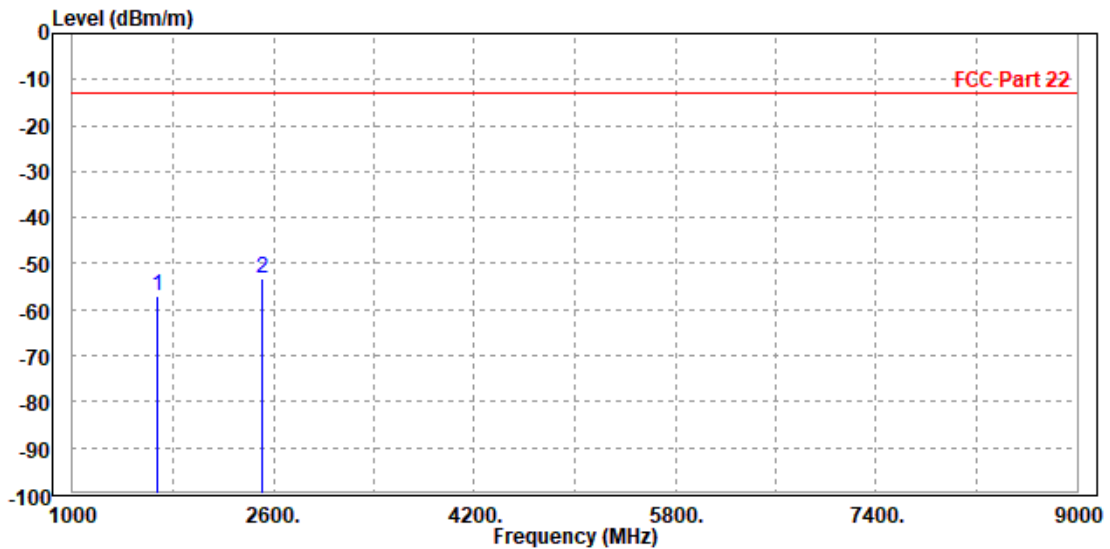


BUREAU VERITAS

Test Report No.: W7L-P23010024RF04

| | | | |
|--|------------------|-----------------|---------------|
| MODE | TX channel 20525 | FREQUENCY RANGE | Above 1000MHz |
| ENVIRONMENTAL CONDITIONS | 23deg. C, 56%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 | 1673.000 | -57.13 | -58.35 | -13.00 | -44.13 | 1.22 | Peak | Vertical |
| 2 PP | 2512.000 | -53.39 | -58.37 | -13.00 | -40.39 | 4.98 | Peak | Vertical |

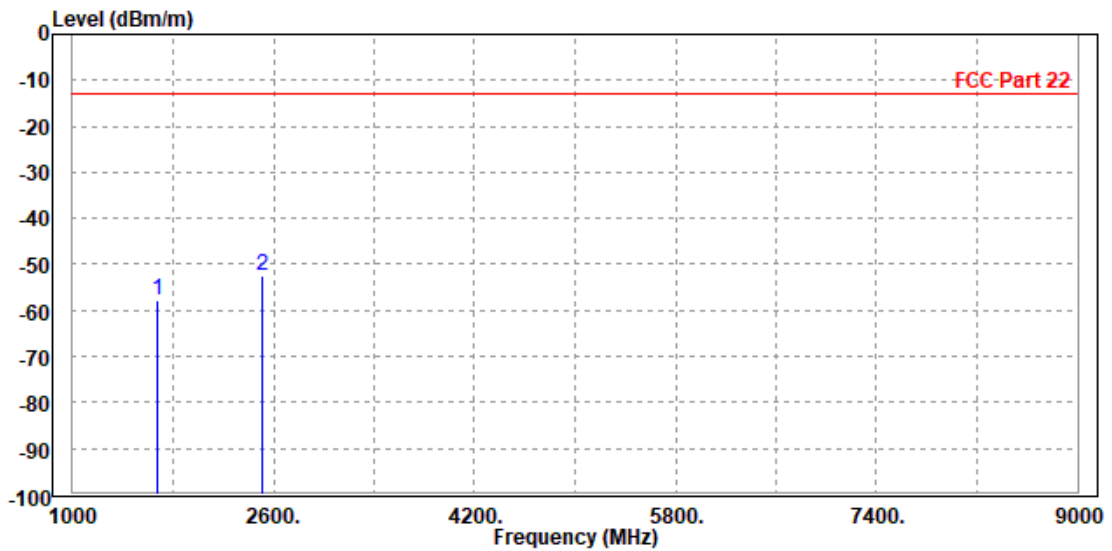




CHANNEL BANDWIDTH: 5MHz / QPSK

| | | | |
|--|------------------|-----------------|---------------|
| MODE | TX channel 20525 | FREQUENCY RANGE | Above 1000MHz |
| ENVIRONMENTAL CONDITIONS | 23deg. C, 56%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 | 1673.000 | -57.92 | -58.90 | -13.00 | -44.92 | 0.98 | Peak | Horizontal |
| 2 | PP 2512.000 | -52.57 | -58.04 | -13.00 | -39.57 | 5.47 | Peak | Horizontal |



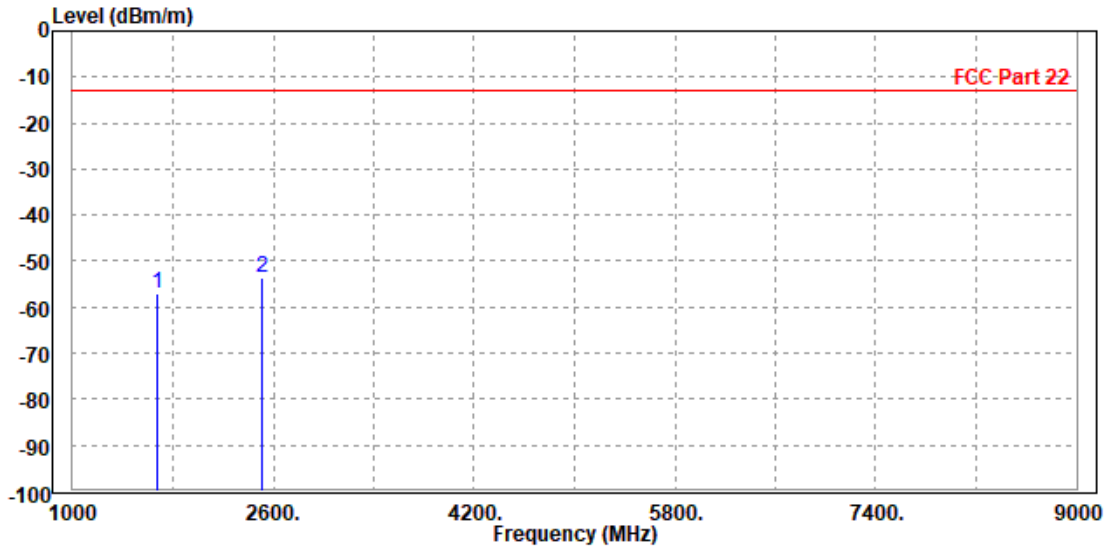


**BUREAU
VERITAS**

Test Report No.: W7L-P23010024RF04

| | | | |
|--|------------------|------------------------|---------------|
| MODE | TX channel 20525 | FREQUENCY RANGE | Above 1000MHz |
| ENVIRONMENTAL CONDITIONS | 23deg. C, 56%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 | 1672.000 | -56.88 | -58.09 | -13.00 | -43.88 | 1.21 | Peak | Vertical |
| 2 PP | 2509.500 | -53.63 | -58.60 | -13.00 | -40.63 | 4.97 | Peak | Vertical |





**BUREAU
VERITAS**

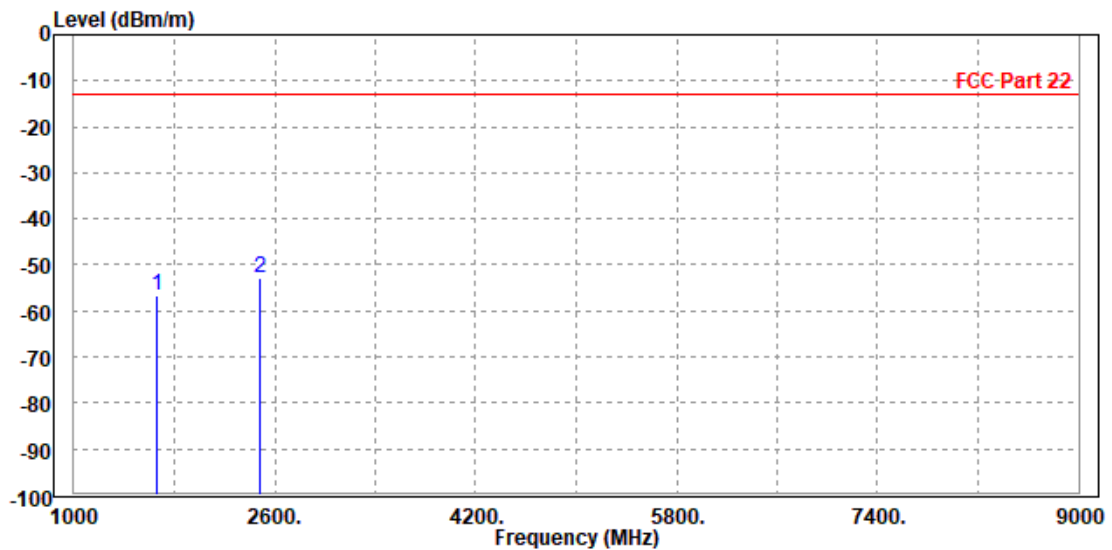
Test Report No.: W7L-P23010024RF04

CHANNEL BANDWIDTH: 10MHz / QPSK

CH 20450

| | | | |
|--|------------------|------------------------|---------------|
| MODE | TX channel 20450 | FREQUENCY RANGE | Above 1000MHz |
| ENVIRONMENTAL CONDITIONS | 23deg. C, 56%RH | INPUT POWER | AC 120V/60Hz |
| TESTED BY | Jace Hu | | |
| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | |

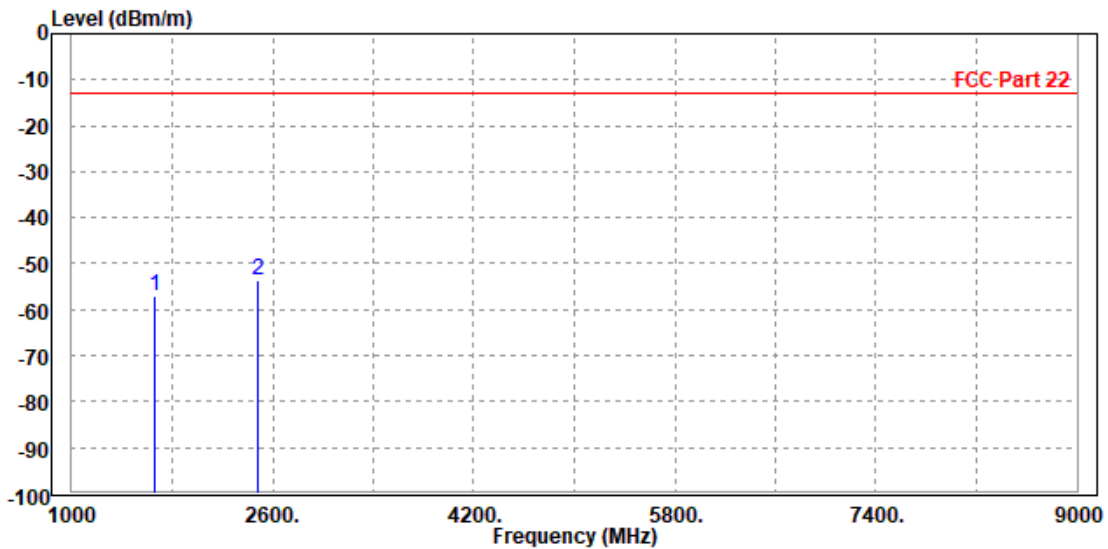
| | Freq | Level | Read Level | Limit Line | Over Limit | Factor | Remark | Pol/Phase |
|------|----------|--------|------------|------------|------------|--------|--------|------------|
| | MHz | dBm/m | dBm | dBm/m | dB | dB/m | | |
| 1 | 1656.000 | -56.53 | -57.37 | -13.00 | -43.53 | 0.84 | Peak | Horizontal |
| 2 PP | 2487.000 | -52.91 | -58.30 | -13.00 | -39.91 | 5.39 | Peak | Horizontal |





| | | | |
|--|------------------|------------------------|---------------|
| MODE | TX channel 20450 | FREQUENCY RANGE | Above 1000MHz |
| ENVIRONMENTAL CONDITIONS | 23deg. C, 56%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 | 1658.000 | -57.19 | -58.30 | -13.00 | -44.19 | 1.11 | Peak | Vertical |
| 2 PP | 2488.000 | -53.77 | -58.68 | -13.00 | -40.77 | 4.91 | Peak | Vertical |





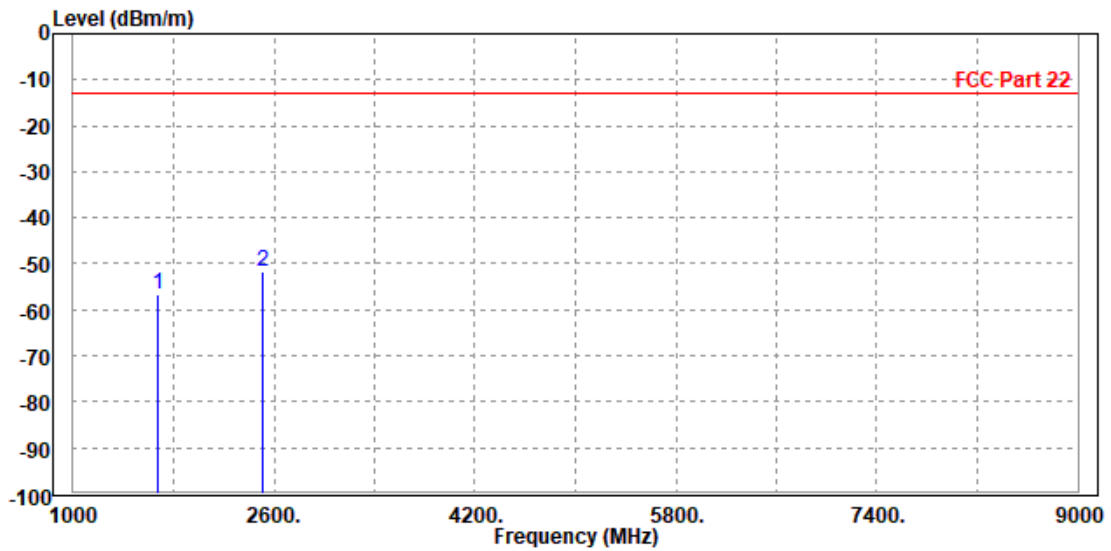
**BUREAU
VERITAS**

Test Report No.: W7L-P23010024RF04

CH 20525

| | | | |
|--|------------------|------------------------|---------------|
| MODE | TX channel 20525 | FREQUENCY RANGE | Above 1000MHz |
| ENVIRONMENTAL CONDITIONS | 23deg. C, 56%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 | 1672.000 | -56.74 | -57.71 | -13.00 | -43.74 | 0.97 | Peak | Horizontal |
| 2 PP | 2509.500 | -51.72 | -57.18 | -13.00 | -38.72 | 5.46 | Peak | Horizontal |



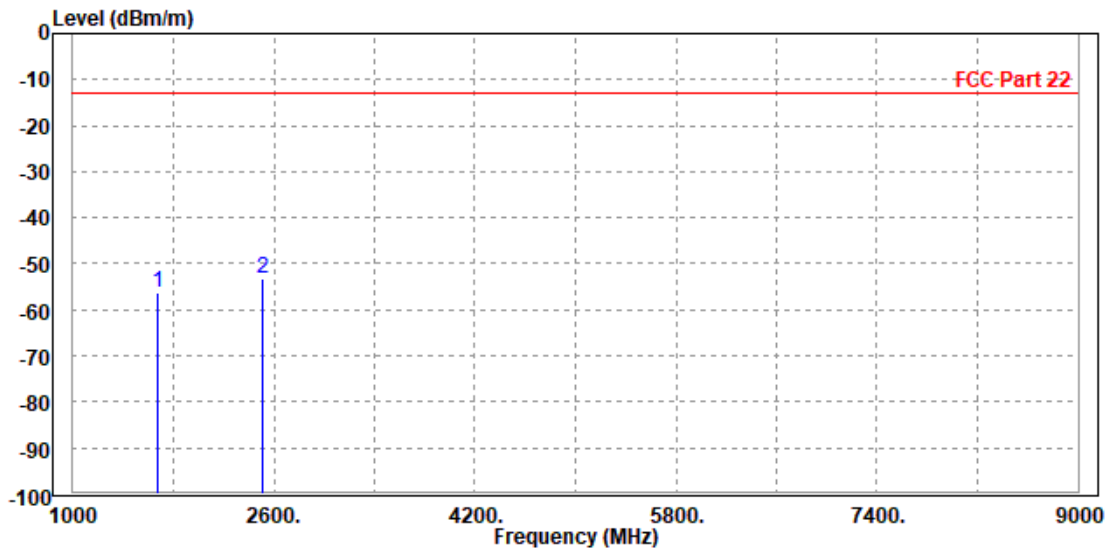


**BUREAU
VERITAS**

Test Report No.: W7L-P23010024RF04

| | | | |
|--|------------------|------------------------|---------------|
| MODE | TX channel 20525 | FREQUENCY RANGE | Above 1000MHz |
| ENVIRONMENTAL CONDITIONS | 23deg. C, 56%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 | 1673.000 | -56.26 | -57.48 | -13.00 | -43.26 | 1.22 | Peak | Vertical |
| 2 PP | 2512.000 | -53.29 | -58.27 | -13.00 | -40.29 | 4.98 | Peak | Vertical |





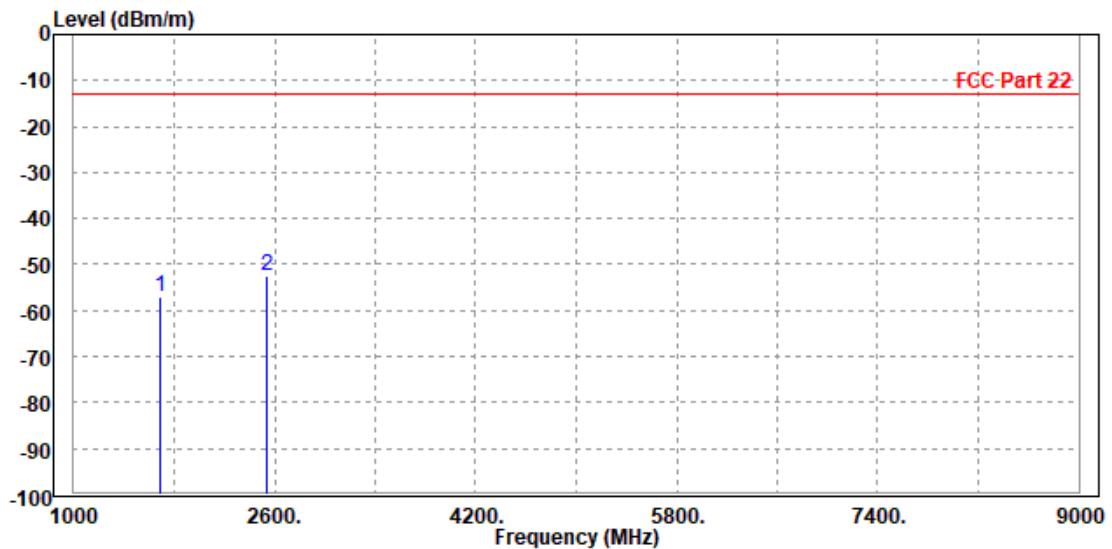
**BUREAU
VERITAS**

Test Report No.: W7L-P23010024RF04

CH 20600

| | | | |
|--|------------------|------------------------|---------------|
| MODE | TX channel 20600 | FREQUENCY RANGE | Above 1000MHz |
| ENVIRONMENTAL CONDITIONS | 23deg. C, 56%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 | 1688.000 | -57.22 | -58.32 | -13.00 | -44.22 | 1.10 | Peak | Horizontal |
| 2 PP | 2536.000 | -52.49 | -58.02 | -13.00 | -39.49 | 5.53 | Peak | Horizontal |



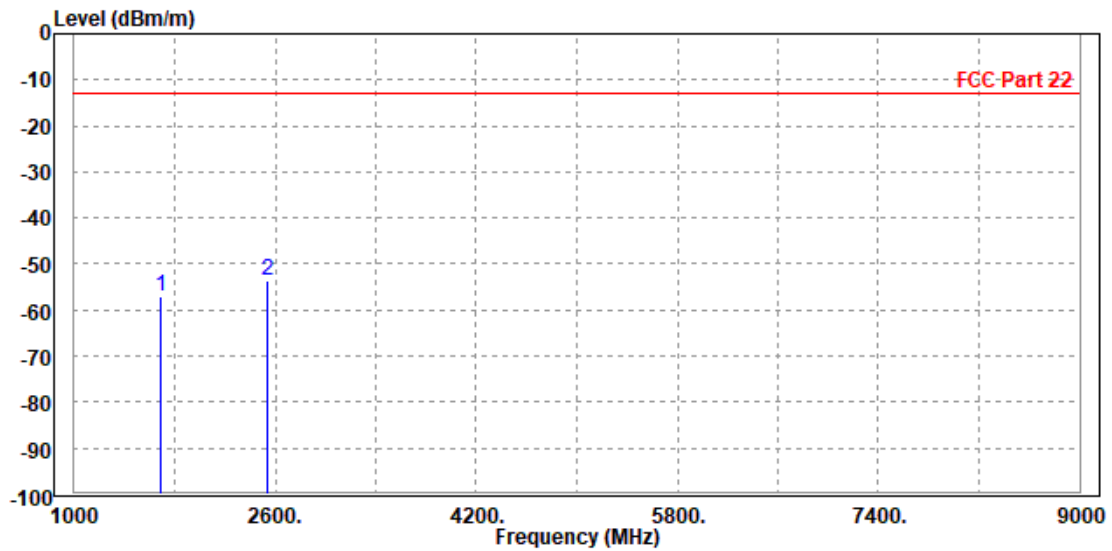


**BUREAU
VERITAS**

Test Report No.: W7L-P23010024RF04

| | | | |
|--|------------------|------------------------|---------------|
| MODE | TX channel 20600 | FREQUENCY RANGE | Above 1000MHz |
| ENVIRONMENTAL CONDITIONS | 23deg. C, 56%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 | 1688.000 | -57.12 | -58.45 | -13.00 | -44.12 | 1.33 | Peak | Vertical |
| 2 PP | 2532.000 | -53.55 | -58.59 | -13.00 | -40.55 | 5.04 | Peak | Vertical |

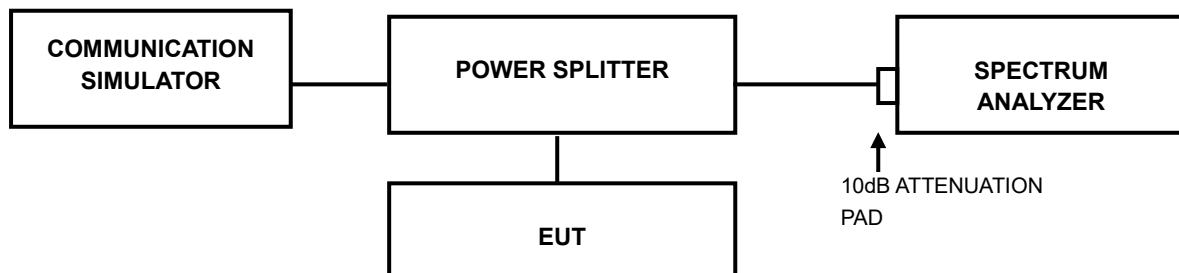


3.7 PEAK TO AVERAGE RATIO

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%.



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Test Report No.: W7L-P23010024RF04

3.7.4 TEST RESULTS

Please Refer to Appendix Of this test report.



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Test Report No.: W7L-P23010024RF04

4 PHOTOGRAPHS OF THE TEST CONFIGURATION

Please refer to the attached file (Test Setup Photo).



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Test Report No.: W7L-P23010024RF04

5 INFORMATION ON THE TESTING LABORATORIES

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

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

Shenzhen EMC/RF Lab:

Tel: +86-755-88696566

Fax: +86-755-88696577

Email: customerservice.sw@bureauveritas.com

Web Site: www.adt.com.tw

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



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Test Report No.: W7L-P23010024RF04

6 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.



7 APPENDIX

WCMDA BAND5

PEAK-TO-AVERAGE RATIO

Test Result

| Band | Channel | Peak-to-Average Ratio(dB) | Limit(dBm) | Verdict |
|-------|---------|---------------------------|------------|---------|
| Band5 | 4132 | 2.95 | 13 | PASS |
| Band5 | 4182 | 2.91 | 13 | PASS |
| Band5 | 4233 | 2.95 | 13 | PASS |



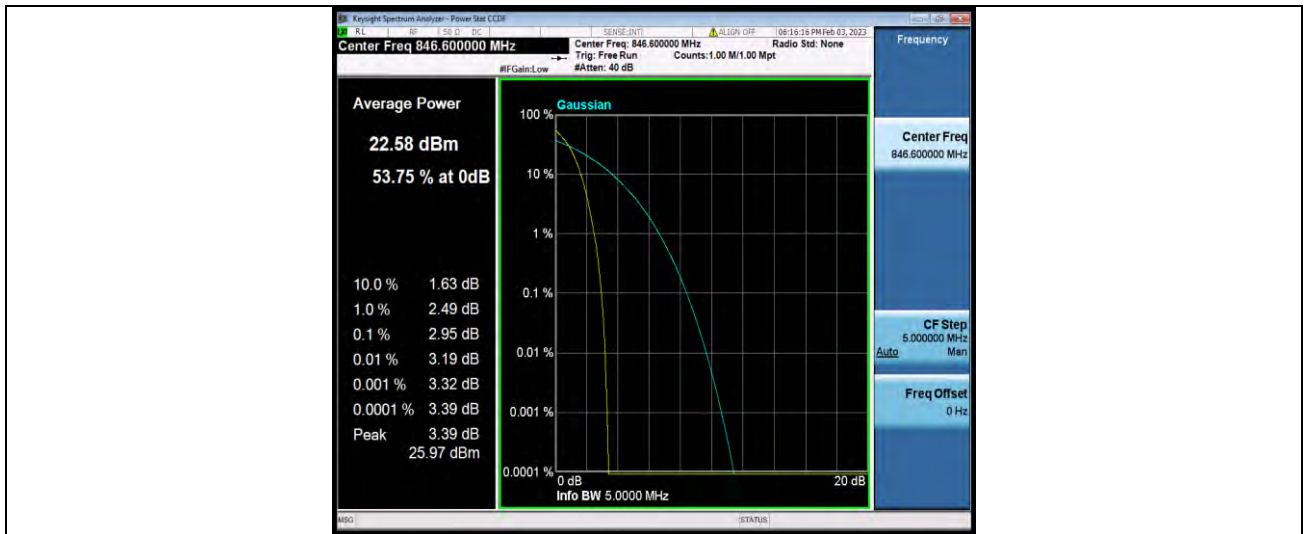
Test Graphs





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Test Report No.: W7L-P23010024RF04





26DB BANDWIDTH AND OCCUPIED BANDWIDTH

Test Result

| Band | Channel | Occupied Bandwidth (kHz) | 26dB Bandwidth (kHz) | Limit(kHz) | Verdict |
|-------|---------|--------------------------|----------------------|------------|---------|
| Band5 | 4132 | 4.1593 | 4.689 | --- | PASS |
| Band5 | 4182 | 4.1668 | 4.694 | --- | PASS |
| Band5 | 4233 | 4.1621 | 4.681 | --- | PASS |



BUREAU VERITAS

Test Report No.: W7L-P23010024RF04

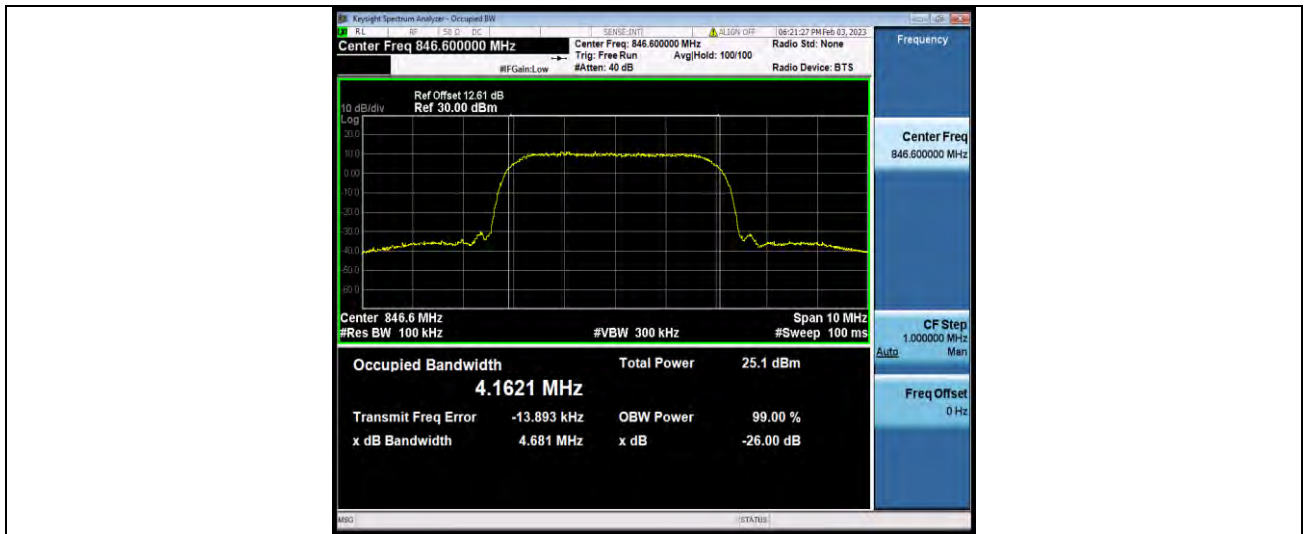
Test Graphs





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Test Report No.: W7L-P23010024RF04





BUREAU
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Test Report No.: W7L-P23010024RF04

BAND EDGE

Test Result

| Band | Channel | Frequency (MHz) | Result (dBm) | Limit(dBm) | Verdict |
|-------|---------|-----------------|--------------|------------|---------|
| Band5 | 4132 | 823.99 | -33.50 | -13 | PASS |
| Band5 | 4233 | 849.00 | -31.61 | -13 | PASS |



BUREAU VERITAS

Test Report No.: W7L-P23010024RF04

Test Graphs





BUREAU
VERITAS

Test Report No.: W7L-P23010024RF04

CONDUCTED SPURIOUS EMISSION

Test Result

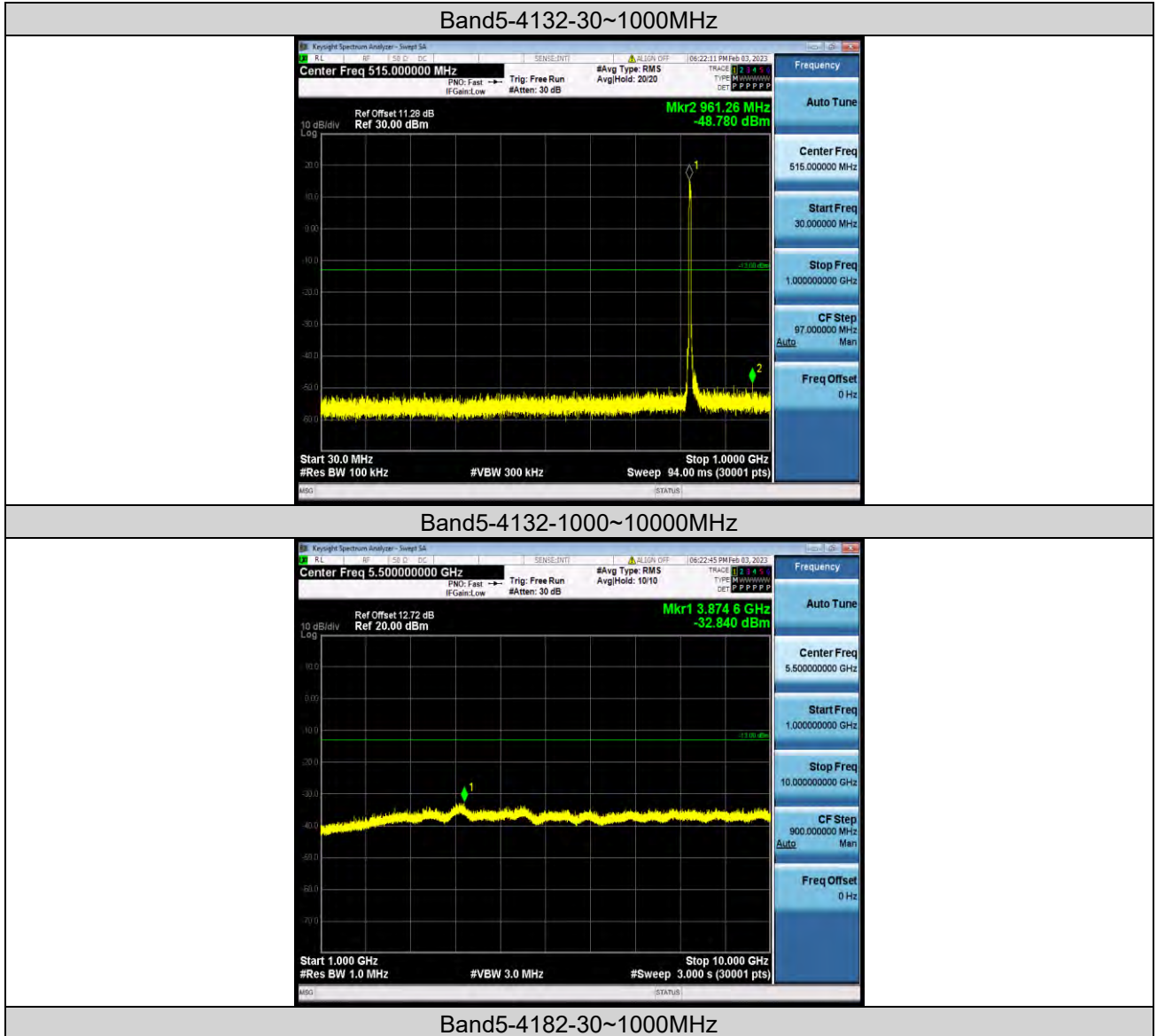
| Band | Channel | Frequency Range (Mhz) | Frequency (dBm) | Result (dBm) | Limit (dBm) | Verdict |
|-------|---------|-----------------------|-----------------|--------------|-------------|---------|
| Band5 | 4132 | 30~1000MHz | 961.26 | -48.78 | -13 | PASS |
| Band5 | 4132 | 1000~10000MHz | 3874.6 | -32.84 | -13 | PASS |
| Band5 | 4182 | 30~1000MHz | 941.06 | -50.5 | -13 | PASS |
| Band5 | 4182 | 1000~10000MHz | 3762.1 | -33.2 | -13 | PASS |
| Band5 | 4233 | 30~1000MHz | 714.98 | -50.27 | -13 | PASS |
| Band5 | 4233 | 1000~10000MHz | 3843.7 | -32.12 | -13 | PASS |



BUREAU VERITAS

Test Report No.: W7L-P23010024RF04

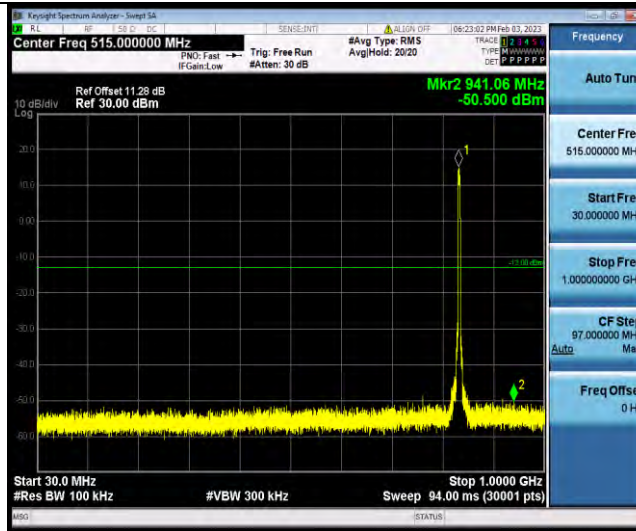
Test Graphs





BUREAU VERITAS

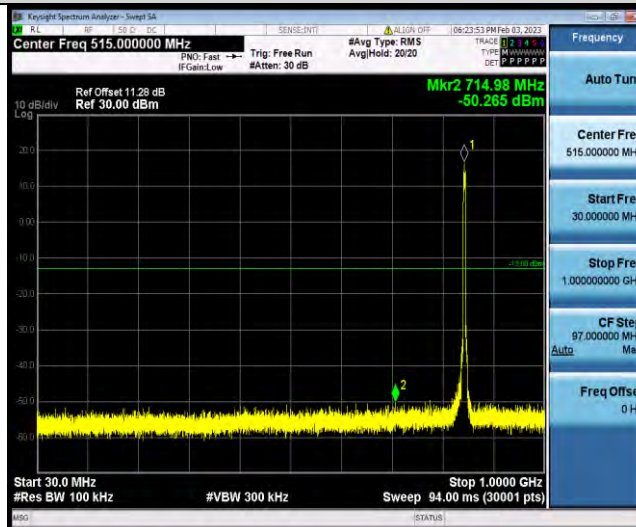
Test Report No.: W7L-P23010024RF04



Band5-4182-1000~10000MHz



Band5-4233-30~1000MHz

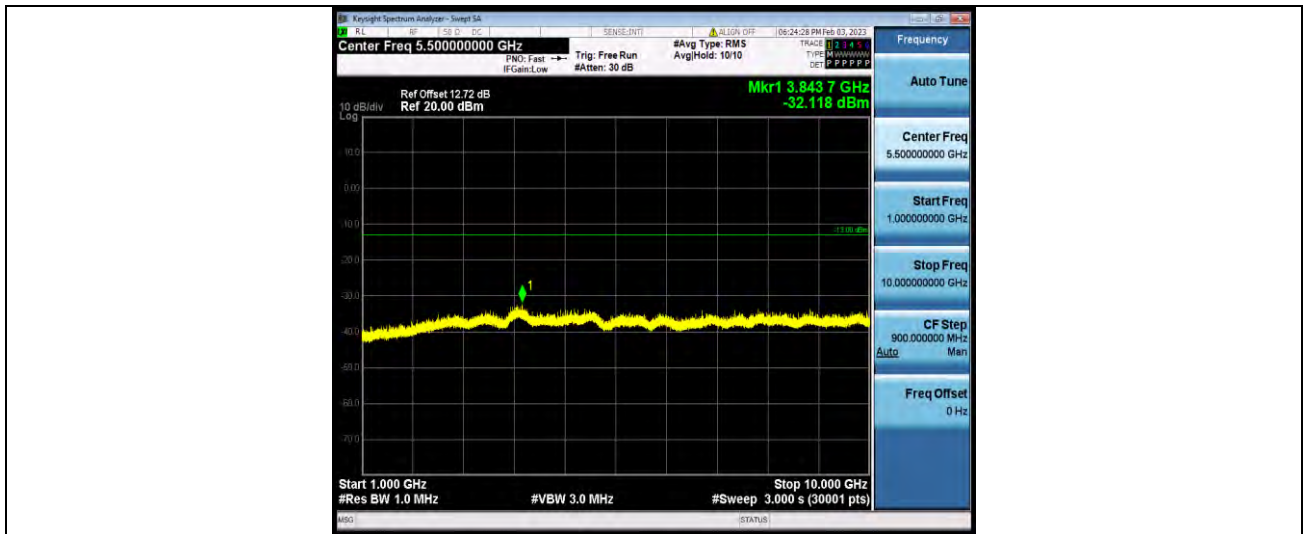


Band5-4233-1000~10000MHz



**BUREAU
VERITAS**

Test Report No.: W7L-P23010024RF04





FREQUENCY STABILITY

Test Result

| Voltage | | | | | | | |
|---------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band | Channel | Voltage (Vdc) | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band5 | 4132 | VL | NT | -0.87 | -0.001053 | ±2.5 | PASS |
| Band5 | 4132 | VN | NT | -1.09 | -0.001319 | ±2.5 | PASS |
| Band5 | 4132 | VH | NT | 0.24 | 0.000290 | ±2.5 | PASS |
| Band5 | 4182 | VL | NT | -2.95 | -0.003527 | ±2.5 | PASS |
| Band5 | 4182 | VN | NT | -2.83 | -0.003384 | ±2.5 | PASS |
| Band5 | 4182 | VH | NT | -0.57 | -0.000681 | ±2.5 | PASS |
| Band5 | 4233 | VL | NT | 0.15 | 0.000177 | ±2.5 | PASS |
| Band5 | 4233 | VN | NT | -0.77 | -0.000910 | ±2.5 | PASS |
| Band5 | 4233 | VH | NT | 0.79 | 0.000933 | ±2.5 | PASS |

| Temperature | | | | | | | |
|-------------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band | Channel | Voltage (Vdc) | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band5 | 4132 | NV | -30 | -1.76 | -0.002125 | ±2.5 | PASS |
| Band5 | 4132 | NV | -20 | 3.71 | 0.004492 | ±2.5 | PASS |
| Band5 | 4132 | NV | 0 | 1.55 | 0.001870 | ±2.5 | PASS |
| Band5 | 4132 | NV | 10 | -0.20 | -0.000244 | ±2.5 | PASS |
| Band5 | 4132 | NV | 20 | -0.82 | -0.000989 | ±2.5 | PASS |
| Band5 | 4132 | NV | 30 | 2.11 | 0.002558 | ±2.5 | PASS |
| Band5 | 4132 | NV | 40 | 0.28 | 0.000339 | ±2.5 | PASS |
| Band5 | 4132 | NV | 50 | -1.06 | -0.001283 | ±2.5 | PASS |
| Band5 | 4182 | NV | -30 | -0.80 | -0.000971 | ±2.5 | PASS |
| Band5 | 4182 | NV | -20 | 0.80 | 0.000970 | ±2.5 | PASS |
| Band5 | 4182 | NV | 0 | 0.12 | 0.000149 | ±2.5 | PASS |
| Band5 | 4182 | NV | 10 | -0.95 | -0.001145 | ±2.5 | PASS |
| Band5 | 4182 | NV | 20 | 1.68 | 0.002029 | ±2.5 | PASS |
| Band5 | 4182 | NV | 30 | 0.21 | 0.000260 | ±2.5 | PASS |
| Band5 | 4182 | NV | 40 | -0.75 | -0.000913 | ±2.5 | PASS |
| Band5 | 4182 | NV | 50 | 1.64 | 0.001981 | ±2.5 | PASS |
| Band5 | 4233 | NV | -30 | -0.73 | -0.000887 | ±2.5 | PASS |
| Band5 | 4233 | NV | -20 | 2.04 | 0.002469 | ±2.5 | PASS |
| Band5 | 4233 | NV | 0 | 2.91 | 0.003523 | ±2.5 | PASS |
| Band5 | 4233 | NV | 10 | 1.92 | 0.002325 | ±2.5 | PASS |
| Band5 | 4233 | NV | 20 | -0.98 | -0.001191 | ±2.5 | PASS |



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| | | | | | | | |
|-------|------|----|----|-------|-----------|------|------|
| Band5 | 4233 | NV | 30 | 3.14 | 0.003802 | ±2.5 | PASS |
| Band5 | 4233 | NV | 40 | 1.95 | 0.002358 | ±2.5 | PASS |
| Band5 | 4233 | NV | 50 | -1.50 | -0.001810 | ±2.5 | PASS |



LTE BAND5

PEAK-TO-AVERAGE RATIO(CCDF)

Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|-------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band5 | 1.4MHz | QPSK | 20407 | 1RB#0 | 5.44 | 13 | PASS |
| Band5 | 1.4MHz | QPSK | 20407 | 6RB#0 | 5.55 | 13 | PASS |
| Band5 | 1.4MHz | QPSK | 20525 | 1RB#0 | 5.32 | 13 | PASS |
| Band5 | 1.4MHz | QPSK | 20525 | 6RB#0 | 5.46 | 13 | PASS |
| Band5 | 1.4MHz | QPSK | 20643 | 1RB#0 | 5.15 | 13 | PASS |
| Band5 | 1.4MHz | QPSK | 20643 | 6RB#0 | 5.47 | 13 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#0 | 6.28 | 13 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 6RB#0 | 6.52 | 13 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 1RB#0 | 6.08 | 13 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 6RB#0 | 6.48 | 13 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#0 | 5.99 | 13 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0 | 6.38 | 13 | PASS |
| Band5 | 1.4MHz | 64QAM | 20407 | 1RB#0 | 6.66 | 13 | PASS |
| Band5 | 1.4MHz | 64QAM | 20407 | 6RB#0 | 6.53 | 13 | PASS |
| Band5 | 1.4MHz | 64QAM | 20525 | 1RB#0 | 6.53 | 13 | PASS |
| Band5 | 1.4MHz | 64QAM | 20525 | 6RB#0 | 6.43 | 13 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 1RB#0 | 6.46 | 13 | PASS |
| Band5 | 1.4MHz | 64QAM | 20643 | 6RB#0 | 6.67 | 13 | PASS |
| Band5 | 3MHz | QPSK | 20415 | 1RB#0 | 5.56 | 13 | PASS |
| Band5 | 3MHz | QPSK | 20415 | 15RB#0 | 5.58 | 13 | PASS |
| Band5 | 3MHz | QPSK | 20525 | 1RB#0 | 5.20 | 13 | PASS |
| Band5 | 3MHz | QPSK | 20525 | 15RB#0 | 5.50 | 13 | PASS |
| Band5 | 3MHz | QPSK | 20635 | 1RB#0 | 5.26 | 13 | PASS |
| Band5 | 3MHz | QPSK | 20635 | 15RB#0 | 5.60 | 13 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 1RB#0 | 6.53 | 13 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 15RB#0 | 6.56 | 13 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 1RB#0 | 5.99 | 13 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 15RB#0 | 6.34 | 13 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#0 | 5.98 | 13 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 15RB#0 | 6.55 | 13 | PASS |
| Band5 | 3MHz | 64QAM | 20415 | 1RB#0 | 6.99 | 13 | PASS |
| Band5 | 3MHz | 64QAM | 20415 | 15RB#0 | 6.57 | 13 | PASS |
| Band5 | 3MHz | 64QAM | 20525 | 1RB#0 | 6.36 | 13 | PASS |
| Band5 | 3MHz | 64QAM | 20525 | 15RB#0 | 6.45 | 13 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 1RB#0 | 6.28 | 13 | PASS |
| Band5 | 3MHz | 64QAM | 20635 | 15RB#0 | 6.37 | 13 | PASS |
| Band5 | 5MHz | QPSK | 20425 | 1RB#0 | 5.42 | 13 | PASS |
| Band5 | 5MHz | QPSK | 20425 | 25RB#0 | 5.49 | 13 | PASS |
| Band5 | 5MHz | QPSK | 20525 | 1RB#0 | 5.11 | 13 | PASS |
| Band5 | 5MHz | QPSK | 20525 | 25RB#0 | 5.39 | 13 | PASS |



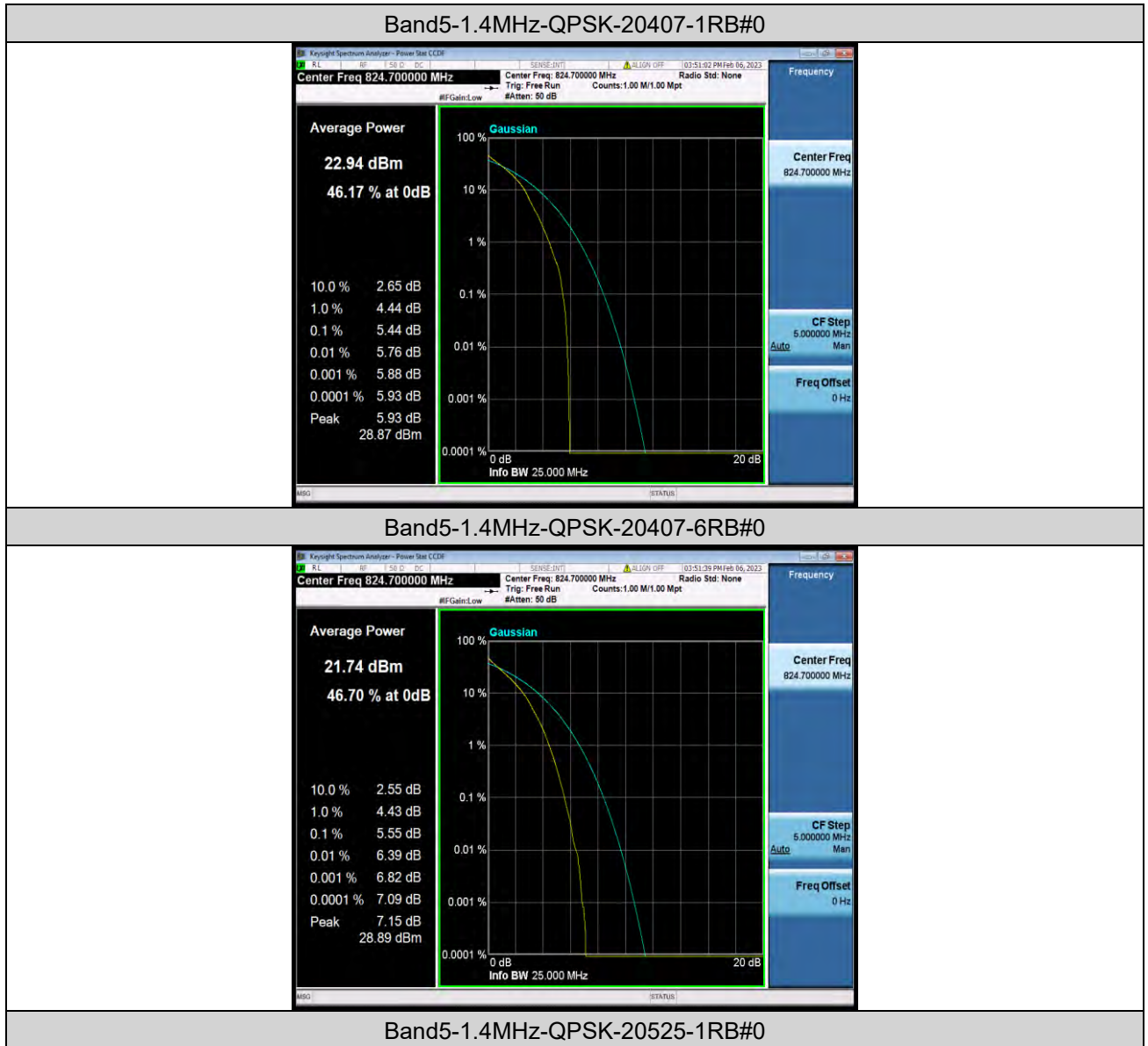
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Test Report No.: W7L-P23010024RF04

| | | | | | | | |
|-------|-------|-------|-------|--------|------|----|------|
| Band5 | 5MHz | QPSK | 20625 | 1RB#0 | 5.15 | 13 | PASS |
| Band5 | 5MHz | QPSK | 20625 | 25RB#0 | 5.46 | 13 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 1RB#0 | 6.71 | 13 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 25RB#0 | 6.19 | 13 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 1RB#0 | 6.27 | 13 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 25RB#0 | 6.11 | 13 | PASS |
| Band5 | 5MHz | 16QAM | 20625 | 1RB#0 | 6.34 | 13 | PASS |
| Band5 | 5MHz | 16QAM | 20625 | 25RB#0 | 6.18 | 13 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 1RB#0 | 6.22 | 13 | PASS |
| Band5 | 5MHz | 64QAM | 20425 | 25RB#0 | 6.50 | 13 | PASS |
| Band5 | 5MHz | 64QAM | 20525 | 1RB#0 | 6.55 | 13 | PASS |
| Band5 | 5MHz | 64QAM | 20525 | 25RB#0 | 6.47 | 13 | PASS |
| Band5 | 5MHz | 64QAM | 20625 | 1RB#0 | 6.43 | 13 | PASS |
| Band5 | 5MHz | 64QAM | 20625 | 25RB#0 | 6.39 | 13 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 1RB#0 | 5.47 | 13 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 50RB#0 | 5.49 | 13 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 1RB#0 | 5.10 | 13 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 50RB#0 | 5.53 | 13 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 1RB#0 | 5.30 | 13 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 50RB#0 | 5.54 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#0 | 6.43 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | 6.16 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#0 | 5.87 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | 6.17 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#0 | 6.14 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | 6.22 | 13 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 1RB#0 | 6.82 | 13 | PASS |
| Band5 | 10MHz | 64QAM | 20450 | 50RB#0 | 6.41 | 13 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 1RB#0 | 6.19 | 13 | PASS |
| Band5 | 10MHz | 64QAM | 20525 | 50RB#0 | 6.48 | 13 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 1RB#0 | 6.39 | 13 | PASS |
| Band5 | 10MHz | 64QAM | 20600 | 50RB#0 | 6.40 | 13 | PASS |



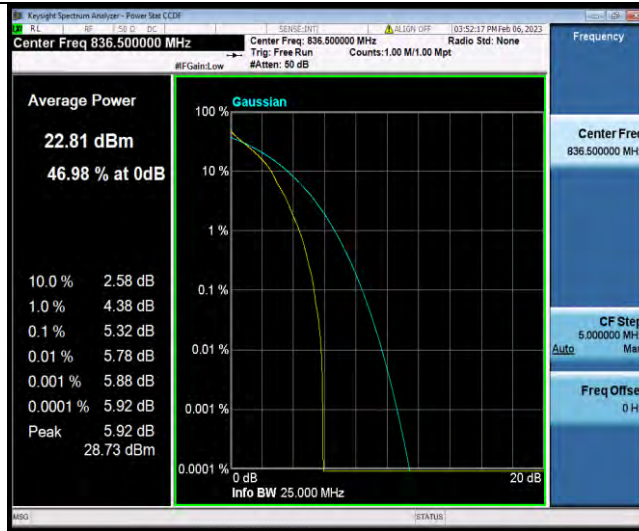
Test Graphs





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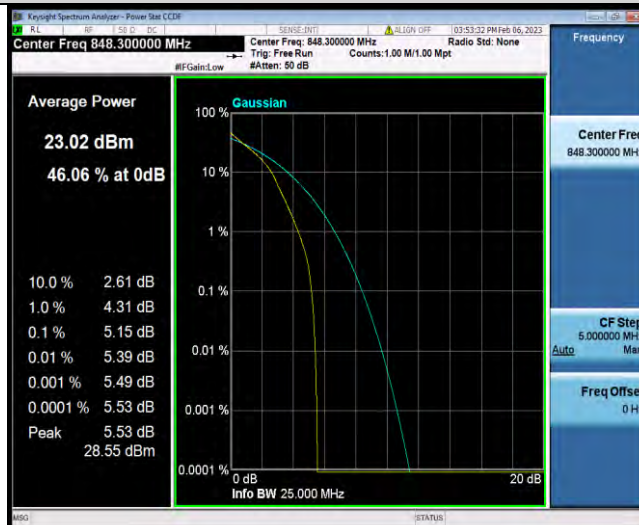
Test Report No.: W7L-P23010024RF04



Band5-1.4MHz-QPSK-20525-6RB#0



Band5-1.4MHz-QPSK-20643-1RB#0



Band5-1.4MHz-QPSK-20643-6RB#0

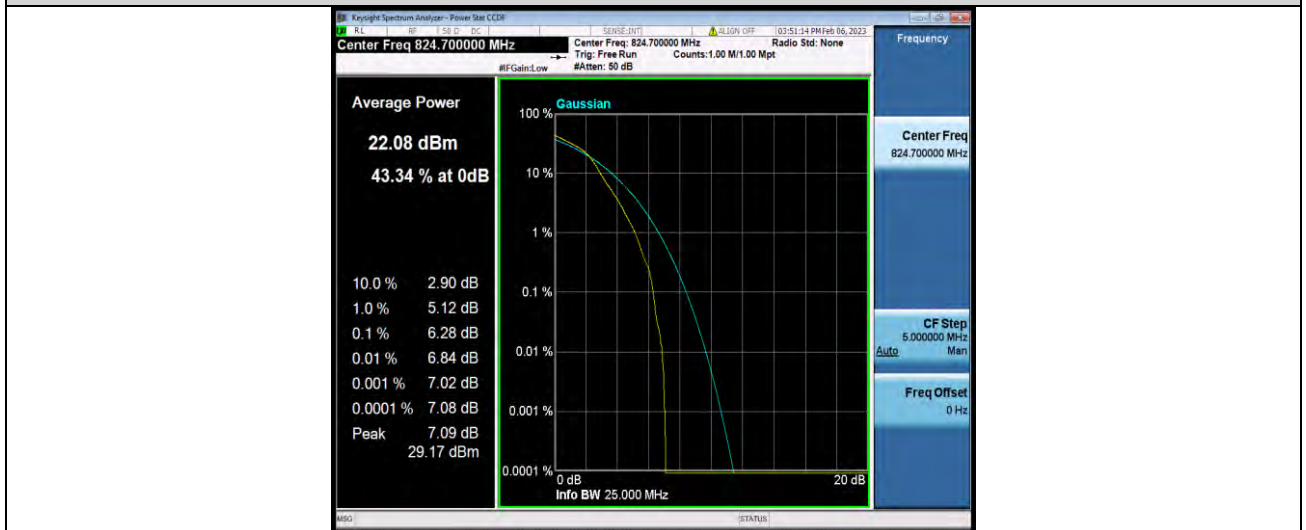


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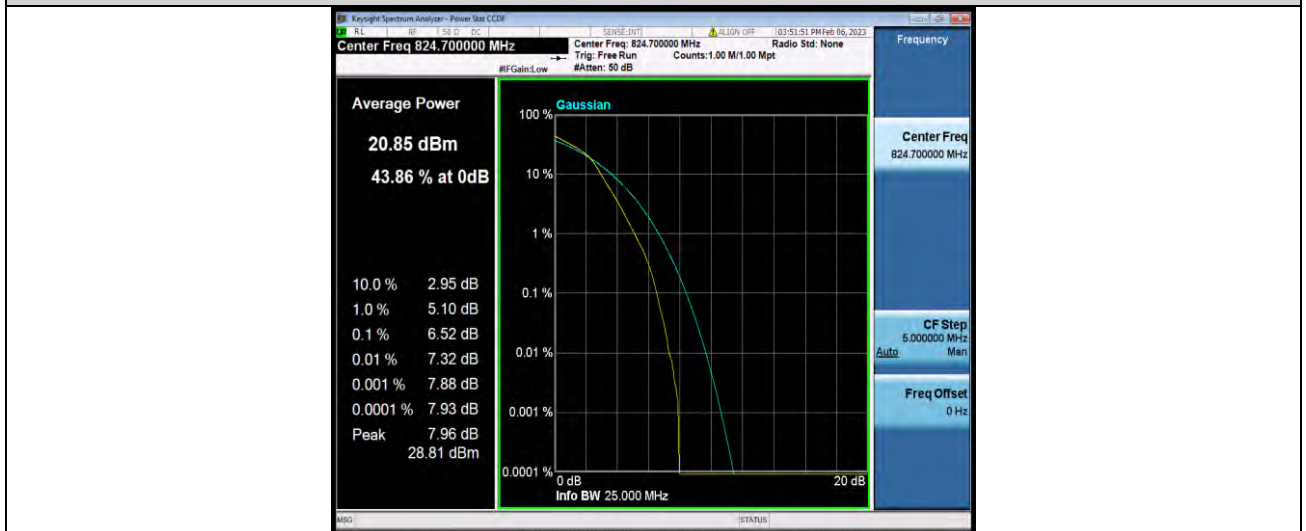
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Band5-1.4MHz-16QAM-20407-1RB#0



Band5-1.4MHz-16QAM-20407-6RB#0

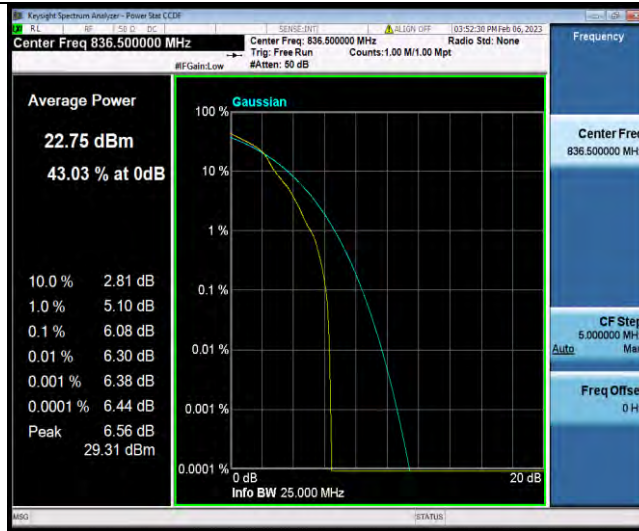


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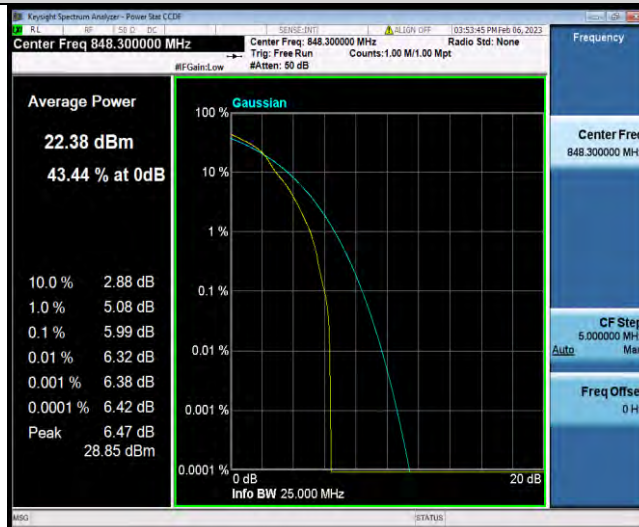
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Band5-1.4MHz-16QAM-20525-6RB#0



Band5-1.4MHz-16QAM-20643-1RB#0



Band5-1.4MHz-16QAM-20643-6RB#0



BUREAU VERITAS

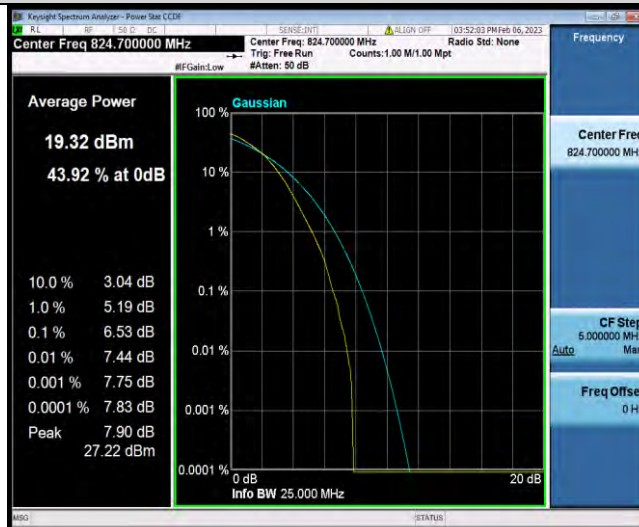
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Band5-1.4MHz-64QAM-20407-1RB#0



Band5-1.4MHz-64QAM-20407-6RB#0



Band5-1.4MHz-64QAM-20525-1RB#0

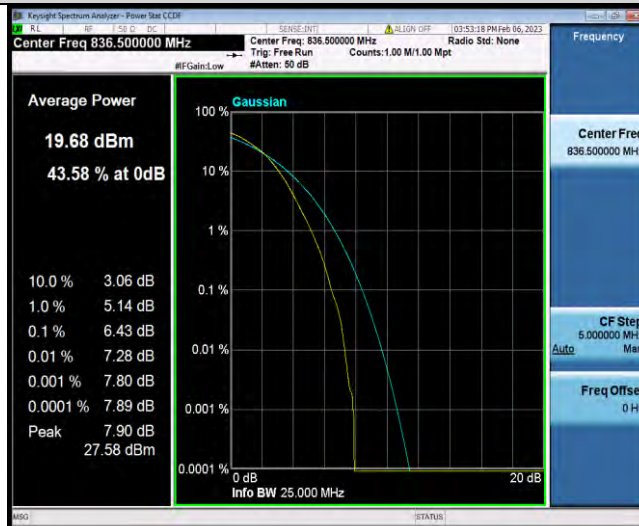


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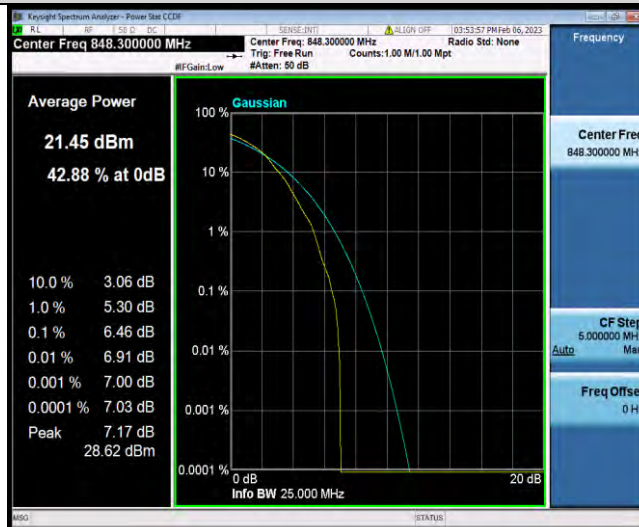
Test Report No.: W7L-P23010024RF04



Band5-1.4MHz-64QAM-20525-6RB#0



Band5-1.4MHz-64QAM-20643-1RB#0



Band5-1.4MHz-64QAM-20643-6RB#0