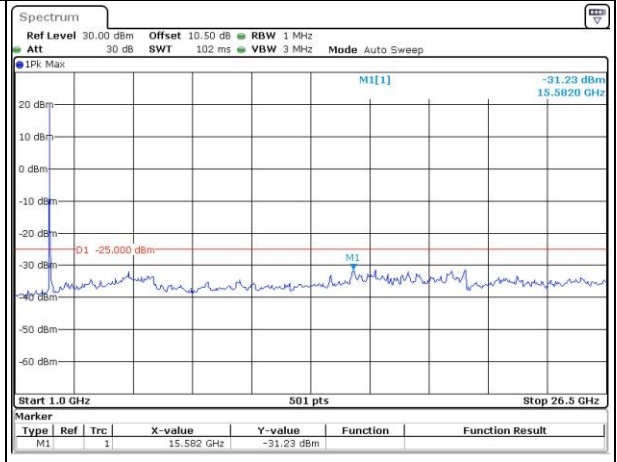
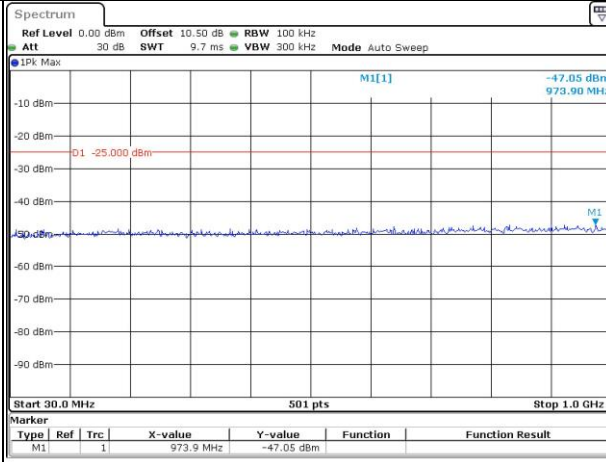


Spurious Emissions at Antenna Terminal

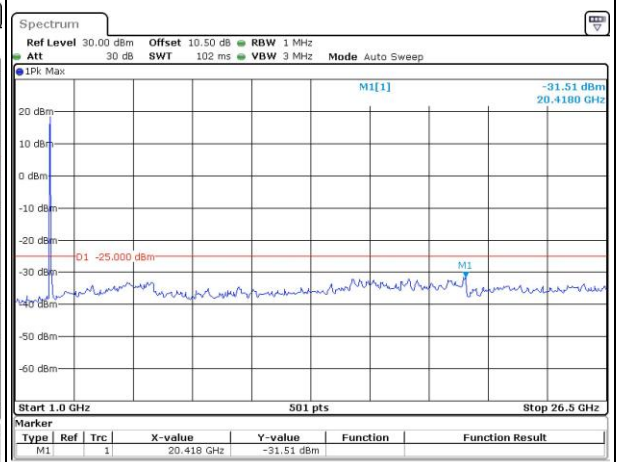
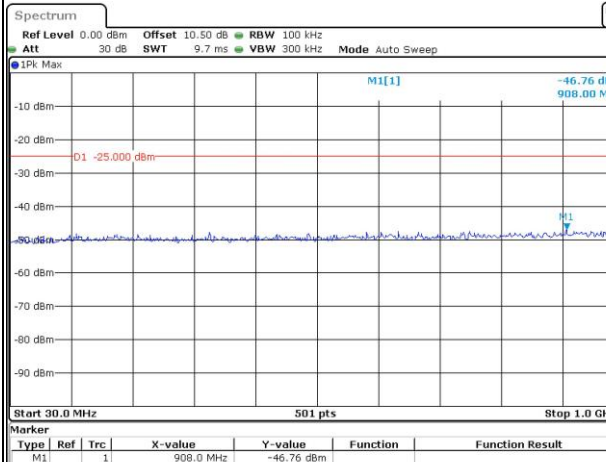
Channel

20MHz Bandwidth QPSK

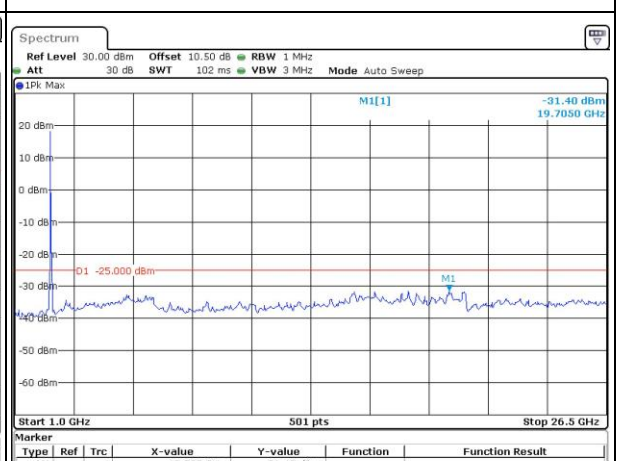
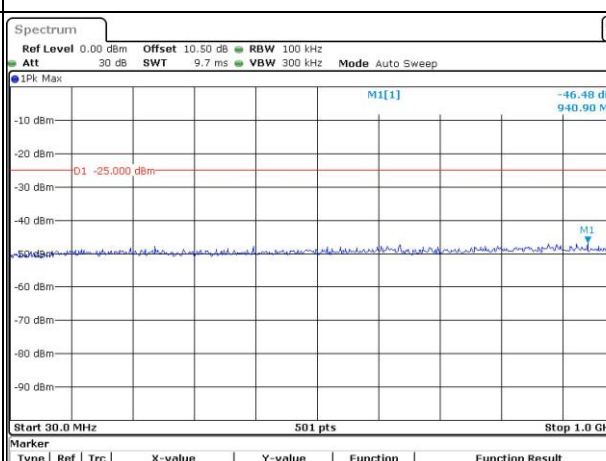
Lowest



Middle



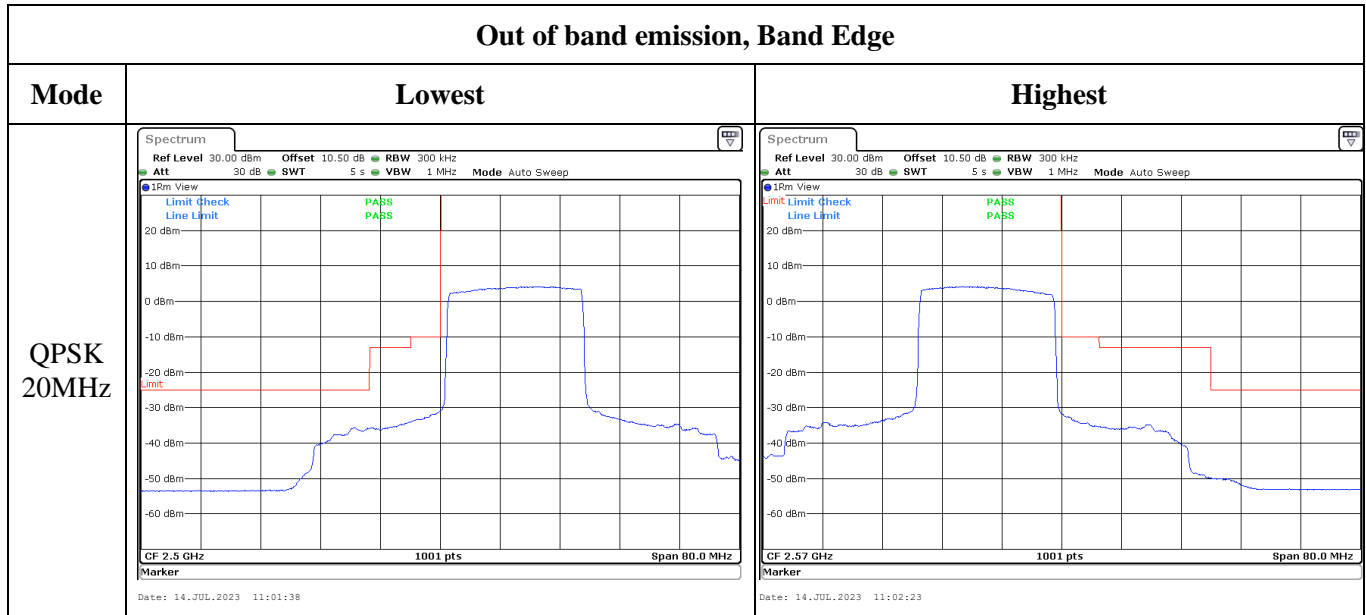
Highest



Out of band emission, Band Edge

| Mode | Lowest | Highest |
|---------------|---|--|
| QPSK 5MHz | <p>Spectrum Ref Level 30.00 dBm Offset 10.50 dB RBW 100 kHz Att 30 dB SWT 5 s VBW 300 kHz Mode Auto Sweep 1Rm View Limit Check Line Limit 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm CF 2.5 GHz 1001 pts Span 20.0 MHz Marker Date: 14.JUL.2023 09:57:11</p> | <p>Spectrum Ref Level 30.00 dBm Offset 10.50 dB RBW 100 kHz Att 30 dB SWT 5 s VBW 300 kHz Mode Auto Sweep 1Rm View Limit Check Line Limit 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm CF 2.57 GHz 1001 pts Span 20.0 MHz Marker Date: 14.JUL.2023 09:57:56</p> |
| QPSK 10MHz | <p>Spectrum Ref Level 30.00 dBm Offset 10.50 dB RBW 100 kHz Att 30 dB SWT 5 s VBW 300 kHz Mode Auto Sweep 1Rm View Limit Check Line Limit 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm CF 2.5 GHz 1001 pts Span 40.0 MHz Marker Date: 14.JUL.2023 10:01:10</p> | <p>Spectrum Ref Level 30.00 dBm Offset 10.50 dB RBW 100 kHz Att 30 dB SWT 5 s VBW 300 kHz Mode Auto Sweep 1Rm View Limit Check Line Limit 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm CF 2.57 GHz 1001 pts Span 40.0 MHz Marker Date: 14.JUL.2023 10:02:18</p> |
| QPSK 15MHz | <p>Spectrum Ref Level 30.00 dBm Offset 10.50 dB RBW 300 kHz Att 30 dB SWT 5 s VBW 1 MHz Mode Auto Sweep 1Rm View Limit Check Line Limit 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm CF 2.5 GHz 1001 pts Span 60.0 MHz Marker Date: 14.JUL.2023 10:07:24</p> | <p>Spectrum Ref Level 30.00 dBm Offset 10.50 dB RBW 300 kHz Att 30 dB SWT 5 s VBW 1 MHz Mode Auto Sweep 1Rm View Limit Check Line Limit 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm CF 2.57 GHz 1001 pts Span 60.0 MHz Marker Date: 14.JUL.2023 10:13:33</p> |

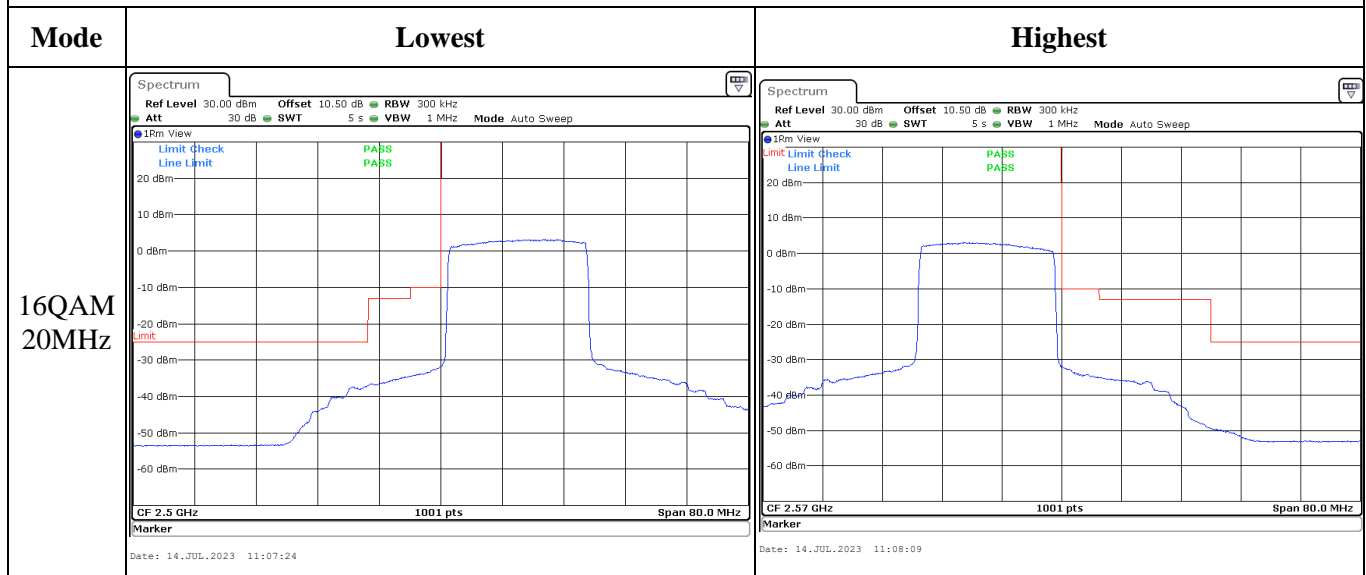
Out of band emission, Band Edge



Out of band emission, Band Edge

| Mode | Lowest | Highest |
|----------------|---|--|
| 16QAM 5MHz | <p>Spectrum Ref Level 30.00 dBm Offset 10.50 dB RBW 100 kHz Att 30 dB SWT 5 s VBW 300 kHz Mode Auto Sweep 1Rm View Limit Check Line Limit PASS PASS CF 2.5 GHz 1001 pts Span 20.0 MHz Marker Date: 14.JUL.2023 09:58:43</p> | <p>Spectrum Ref Level 30.00 dBm Offset 10.50 dB RBW 100 kHz Att 30 dB SWT 5 s VBW 300 kHz Mode Auto Sweep 1Rm View Limit Check Line Limit PASS PASS CF 2.57 GHz 1001 pts Span 20.0 MHz Marker Date: 14.JUL.2023 09:59:30</p> |
| 16QAM 10MHz | <p>Spectrum Ref Level 30.00 dBm Offset 10.50 dB RBW 100 kHz Att 30 dB SWT 5 s VBW 300 kHz Mode Auto Sweep 1Rm View Limit Check Line Limit PASS PASS CF 2.5 GHz 1001 pts Span 40.0 MHz Marker Date: 14.JUL.2023 10:03:06</p> | <p>Spectrum Ref Level 30.00 dBm Offset 10.50 dB RBW 100 kHz Att 30 dB SWT 5 s VBW 300 kHz Mode Auto Sweep 1Rm View Limit Check Line Limit PASS PASS CF 2.57 GHz 1001 pts Span 40.0 MHz Marker Date: 14.JUL.2023 10:06:19</p> |
| 16QAM 15MHz | <p>Spectrum Ref Level 30.00 dBm Offset 10.50 dB RBW 300 kHz Att 30 dB SWT 5 s VBW 1 MHz Mode Auto Sweep 1Rm View Limit Check Line Limit PASS PASS CF 2.5 GHz 1001 pts Span 60.0 MHz Marker Date: 14.JUL.2023 10:14:20</p> | <p>Spectrum Ref Level 30.00 dBm Offset 10.50 dB RBW 300 kHz Att 30 dB SWT 5 s VBW 1 MHz Mode Auto Sweep 1Rm AvgPwr Limit Check Line Limit PASS PASS CF 2.57 GHz 1001 pts Span 60.0 MHz Marker Date: 14.JUL.2023 10:15:01</p> |

Out of band emission, Band Edge



4.10 Radiated Spurious Emissions

| | | | |
|----------------|--------------------|--------------|--|
| Serial Number: | 27YJ-1 | Test Date: | Below 1GHz: 2023/8/17 Above 1GHz: 2023/7/18 |
| Test Site: | 966-1, 966-2 | Test Mode: | Transmitting |
| Tester: | Vic Du, Mack Huang | Test Result: | Pass |

Environmental Conditions:

| | | | | | |
|----------------------|-----------|---------------------------|-------|---------------------------|----------|
| Temperature: (°C) | 24.2~27.6 | Relative Humidity: (%) | 52~69 | ATM Pressure: (kPa) | 99.7~100 |
|----------------------|-----------|---------------------------|-------|---------------------------|----------|

Test Equipment List and Details:

| Manufacturer | Description | Model | Serial Number | Calibration Date | Calibration Due Date |
|-----------------|---------------------------------|-----------------------|---------------|------------------|----------------------|
| Sunol Sciences | Antenna | JB6 | A082520-5 | 2020/10/19 | 2023/10/18 |
| R&S | EMI Test Receiver | ESR3 | 102724 | 2023/3/31 | 2024/3/30 |
| TIMES MICROWAVE | Coaxial Cable | LMR-600-UltraFlex | C-0470-02 | 2023/7/16 | 2024/7/15 |
| TIMES MICROWAVE | Coaxial Cable | LMR-600-UltraFlex | C-0780-01 | 2023/7/16 | 2024/7/15 |
| Sonoma | Amplifier | 310N | 186165 | 2023/7/16 | 2024/7/15 |
| EMCO | Adjustable Dipole Antenna | 3121C | 9109-756 | N/A | N/A |
| MICRO-COAX | Coaxial Cable | UFA210B-0-0720-300300 | 99G1448 | 2022/7/16 | 2024/7/15 |
| Agilent | Signal Generator | E8247C | MY43321352 | 2022/11/18 | 2023/11/17 |
| ETS-Lindgren | Horn Antenna | 3115 | 9912-5985 | 2020/10/13 | 2023/10/12 |
| R&S | Spectrum Analyzer | FSV40 | 101591 | 2023/3/31 | 2024/3/30 |
| MICRO-COAX | Coaxial Cable | UFA210A-1-1200-70U300 | 217423-008 | 2022/8/7 | 2023/8/6 |
| MICRO-COAX | Coaxial Cable | UFA210A-1-2362-300300 | 235780-001 | 2022/8/7 | 2023/8/6 |
| Mini | Pre-amplifier | ZVA-183-S+ | 5969001149 | 2022/11/9 | 2023/11/8 |
| AH | Double Ridge Guide Horn Antenna | SAS-571 | 1396 | 2021/10/18 | 2024/10/17 |
| MICRO-COAX | Coaxial Cable | UFA210B-0-0720-300300 | 99G1448 | 2022/7/16 | 2024/7/15 |
| PASTERNAK | Horn Antenna | PE9852/2F-20 | 112002 | 2021/2/5 | 2024/2/4 |
| PASTERNAK | Horn Antenna | PE9852/2F-20 | 112001 | 2021/2/5 | 2024/2/4 |
| Quinstar | Preamplifier | QLW-18405536-JO | 15964001005 | 2022/9/16 | 2023/9/15 |
| MICRO-COAX | Coaxial Cable | UFB142A-1-2362-200200 | 235772-001 | 2022/8/7 | 2023/8/6 |

* **Statement of Traceability:** China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Test Data:

Please refer to the below tables.

After pre-scan in the X, Y and Z axes of orientation, the worst case is below:

Cellular Band (PART 22H)**30 MHz-10 GHz:**

| Frequency (MHz) | Polar (H/V) | Receiver Reading (dB μ V) | Substituted Method | | | Absolute Level (dBm) | Limit (dBm) | Margin (dB) |
|-----------------------------|-------------|-------------------------------|-------------------------|------------------------|-----------------|----------------------|-------------|-------------|
| | | | Substituted Level (dBm) | Antenna Gain (dBd/dBi) | Cable Loss (dB) | | | |
| GPRS 850 Frequency:824.2MHz | | | | | | | | |
| 783.54 | H | 21.35 | -50.28 | 0.00 | 0.55 | -50.83 | -13.00 | 37.83 |
| 884.23 | V | 21.45 | -44.93 | 0.00 | 0.60 | -45.53 | -13.00 | 32.53 |
| 1648.400 | H | 38.14 | -66.19 | 8.68 | 0.80 | -58.31 | -13.00 | 45.31 |
| 1648.400 | V | 37.02 | -67.39 | 8.68 | 0.80 | -59.51 | -13.00 | 46.51 |
| GPRS 850 Frequency:836.6MHz | | | | | | | | |
| 884.63 | H | 21.35 | -47.81 | 0.00 | 0.60 | -48.41 | -13.00 | 35.41 |
| 894.11 | V | 20.99 | -45.23 | 0.00 | 0.66 | -45.89 | -13.00 | 32.89 |
| 1673.200 | H | 38.60 | -65.71 | 8.71 | 0.85 | -57.85 | -13.00 | 44.85 |
| 1673.200 | V | 38.29 | -66.12 | 8.71 | 0.85 | -58.26 | -13.00 | 45.26 |
| GPRS 850 Frequency:848.8MHz | | | | | | | | |
| 954.13 | H | 21.46 | -45.98 | 0.00 | 0.60 | -46.58 | -13.00 | 33.58 |
| 834.36 | V | 21.53 | -45.66 | 0.00 | 0.64 | -46.30 | -13.00 | 33.30 |
| 1697.600 | H | 37.06 | -67.23 | 8.74 | 0.90 | -59.39 | -13.00 | 46.39 |
| 1697.600 | V | 36.47 | -67.95 | 8.74 | 0.90 | -60.11 | -13.00 | 47.11 |

30 MHz-10 GHz:

| Frequency (MHz) | Polar (H/V) | Receiver Reading (dB μ V) | Substituted Method | | | Absolute Level (dBm) | Limit (dBm) | Margin (dB) |
|----------------------------------|-------------|-------------------------------|-------------------------|------------------------|-----------------|----------------------|-------------|-------------|
| | | | Substituted Level (dBm) | Antenna Gain (dBd/dBi) | Cable Loss (dB) | | | |
| WCDMA Band 5 Frequency:826.4 MHz | | | | | | | | |
| 274.35 | H | 19.35 | -60.75 | 0.00 | 0.32 | -61.07 | -13.00 | 48.07 |
| 873.80 | V | 24.56 | -42.00 | 0.00 | 0.60 | -42.60 | -13.00 | 29.60 |
| 1652.800 | H | 54.52 | -49.81 | 8.68 | 0.81 | -41.94 | -13.00 | 28.94 |
| 1652.800 | V | 47.29 | -57.12 | 8.68 | 0.81 | -49.25 | -13.00 | 36.25 |
| WCDMA Band 5 Frequency:836.6MHz | | | | | | | | |
| 274.52 | H | 19.64 | -60.46 | 0.00 | 0.32 | -60.78 | -13.00 | 47.78 |
| 873.16 | V | 24.37 | -42.19 | 0.00 | 0.59 | -42.78 | -13.00 | 29.78 |
| 1673.200 | H | 54.30 | -50.01 | 8.71 | 0.85 | -42.15 | -13.00 | 29.15 |
| 1673.200 | V | 46.58 | -57.83 | 8.71 | 0.85 | -49.97 | -13.00 | 36.97 |
| WCDMA Band 5 Frequency:846.6MHz | | | | | | | | |
| 273.54 | H | 19.64 | -60.49 | 0.00 | 0.32 | -60.81 | -13.00 | 47.81 |
| 873.88 | V | 24.56 | -41.99 | 0.00 | 0.60 | -42.59 | -13.00 | 29.59 |
| 1693.200 | H | 50.42 | -53.88 | 8.73 | 0.89 | -46.04 | -13.00 | 33.04 |
| 1693.200 | V | 52.11 | -52.31 | 8.73 | 0.89 | -44.47 | -13.00 | 31.47 |

PCS Band (PART 24E)

30 MHz-20 GHz:

| Frequency (MHz) | Polar (H/V) | Receiver Reading (dB μ V) | Substituted Method | | | Absolute Level (dBm) | Limit (dBm) | Margin (dB) |
|-------------------------------|-------------|-------------------------------|-------------------------|------------------------|-----------------|----------------------|-------------|-------------|
| | | | Substituted Level (dBm) | Antenna Gain (dBd/dBi) | Cable Loss (dB) | | | |
| GPRS 1900 Frequency:1850.2MHz | | | | | | | | |
| 268.25 | H | 54.67 | -56.80 | 0.00 | 0.31 | -57.11 | -13.00 | 44.11 |
| 68.11 | V | 45.37 | -57.88 | -6.00 | 0.15 | -64.03 | -13.00 | 51.03 |
| 3700.400 | H | 36.83 | -60.49 | 10.60 | 1.25 | -51.14 | -13.00 | 38.14 |
| 3700.400 | V | 35.30 | -62.00 | 10.60 | 1.25 | -52.65 | -13.00 | 39.65 |
| GPRS 1900 Frequency:1880MHz | | | | | | | | |
| 268.33 | H | 50.37 | -61.10 | 0.00 | 0.31 | -61.41 | -13.00 | 48.41 |
| 68.46 | V | 40.63 | -62.50 | -5.82 | 0.15 | -68.47 | -13.00 | 55.47 |
| 3760.000 | H | 34.14 | -62.27 | 10.66 | 1.24 | -52.85 | -13.00 | 39.85 |
| 3760.000 | V | 33.55 | -62.74 | 10.66 | 1.24 | -53.32 | -13.00 | 40.32 |
| GPRS 1900 Frequency:1909.8MHz | | | | | | | | |
| 268.78 | H | 53.64 | -57.82 | 0.00 | 0.31 | -58.13 | -13.00 | 45.13 |
| 68.94 | V | 40.15 | -62.82 | -5.56 | 0.15 | -68.53 | -13.00 | 55.53 |
| 3819.600 | H | 33.74 | -62.12 | 10.72 | 1.29 | -52.69 | -13.00 | 39.69 |
| 3819.600 | V | 31.74 | -63.98 | 10.72 | 1.29 | -54.55 | -13.00 | 41.55 |

30 MHz-20 GHz:

| Frequency (MHz) | Polar (H/V) | Receiver Reading (dB μ V) | Substituted Method | | | Absolute Level (dBm) | Limit (dBm) | Margin (dB) |
|-------------------------------------|-------------|-------------------------------|-------------------------|------------------------|-----------------|----------------------|-------------|-------------|
| | | | Substituted Level (dBm) | Antenna Gain (dBd/dBi) | Cable Loss (dB) | | | |
| WCDMA Band II, Frequency:1852.4 MHz | | | | | | | | |
| 283.62 | H | 54.69 | -56.42 | 0.00 | 0.32 | -56.74 | -13.00 | 43.74 |
| 83.64 | V | 40.78 | -68.07 | 0.00 | 0.17 | -68.24 | -13.00 | 55.24 |
| 3704.800 | H | 36.87 | -60.39 | 10.60 | 1.25 | -51.04 | -13.00 | 38.04 |
| 3704.800 | V | 40.56 | -56.67 | 10.60 | 1.25 | -47.32 | -13.00 | 34.32 |
| WCDMA Band II, Frequency:1880 MHz | | | | | | | | |
| 283.19 | H | 54.02 | -57.10 | 0.00 | 0.32 | -57.42 | -13.00 | 44.42 |
| 83.47 | V | 46.11 | -62.73 | 0.00 | 0.17 | -62.90 | -13.00 | 49.90 |
| 3760.000 | H | 34.35 | -62.06 | 10.66 | 1.24 | -52.64 | -13.00 | 39.64 |
| 3760.000 | V | 38.75 | -57.54 | 10.66 | 1.24 | -48.12 | -13.00 | 35.12 |
| WCDMA Band II, Frequency:1907.6MHz | | | | | | | | |
| 283.63 | H | 51.67 | -59.44 | 0.00 | 0.32 | -59.76 | -13.00 | 46.76 |
| 83.64 | V | 42.13 | -66.72 | 0.00 | 0.17 | -66.89 | -13.00 | 53.89 |
| 3815.200 | H | 36.47 | -59.38 | 10.72 | 1.29 | -49.95 | -13.00 | 36.95 |
| 3815.200 | V | 37.32 | -58.37 | 10.72 | 1.29 | -48.94 | -13.00 | 35.94 |

30 MHz-20 GHz:

| Frequency (MHz) | Polar (H/V) | Receiver Reading (dB μ V) | Substituted Method | | | Absolute Level (dBm) | Limit (dBm) | Margin (dB) |
|--------------------------------------|-------------|-------------------------------|-------------------------|------------------------|-----------------|----------------------|-------------|-------------|
| | | | Substituted Level (dBm) | Antenna Gain (dBd/dBi) | Cable Loss (dB) | | | |
| WCDMA Band VI , Frequency:1712.4 MHz | | | | | | | | |
| 292.34 | H | 51.34 | -59.56 | 0.00 | 0.33 | -59.89 | -13.00 | 46.89 |
| 72.15 | V | 48.67 | -55.22 | -3.93 | 0.15 | -59.30 | -13.00 | 46.30 |
| 3424.800 | H | 38.62 | -59.15 | 10.37 | 1.17 | -49.95 | -13.00 | 36.95 |
| 3424.800 | V | 39.60 | -58.14 | 10.37 | 1.17 | -48.94 | -13.00 | 35.94 |
| WCDMA Band VI, Frequency:1732.6 MHz | | | | | | | | |
| 292.16 | H | 52.13 | -58.78 | 0.00 | 0.33 | -59.11 | -13.00 | 46.11 |
| 92.38 | V | 47.63 | -61.15 | 0.00 | 0.18 | -61.33 | -13.00 | 48.33 |
| 3465.200 | H | 38.00 | -59.81 | 10.39 | 1.15 | -50.57 | -13.00 | 37.57 |
| 3465.200 | V | 38.77 | -59.00 | 10.39 | 1.15 | -49.76 | -13.00 | 36.76 |
| WCDMA Band VI, Frequency:1752.6MHz | | | | | | | | |
| 292.43 | H | 52.00 | -58.90 | 0.00 | 0.33 | -59.23 | -13.00 | 46.23 |
| 92.74 | V | 45.28 | -63.42 | 0.00 | 0.18 | -63.60 | -13.00 | 50.60 |
| 3505.200 | H | 37.09 | -60.74 | 10.41 | 1.18 | -51.51 | -13.00 | 38.51 |
| 3505.200 | V | 37.10 | -60.67 | 10.41 | 1.18 | -51.44 | -13.00 | 38.44 |

LTE Bands:
(The Worst modulation and bandwidth was below)

LTE Band 2 (30MHz-20GHz):

| Frequency (MHz) | Polar (H/V) | Receiver Reading (dB μ V) | Substituted Method | | | Absolute Level (dBm) | Limit (dBm) | Margin (dB) |
|-----------------------------|-------------|-------------------------------|-------------------------|------------------------|-----------------|----------------------|-------------|-------------|
| | | | Substituted Level (dBm) | Antenna Gain (dBd/dBi) | Cable Loss (dB) | | | |
| QPSK, Frequency: 1850.7 MHz | | | | | | | | |
| 292.45 | H | 44.67 | -66.23 | 0.00 | 0.33 | -66.56 | -13.00 | 53.56 |
| 87.26 | V | 48.52 | -60.60 | 0.00 | 0.17 | -60.77 | -13.00 | 47.77 |
| 3701.400 | H | 41.62 | -55.69 | 10.60 | 1.25 | -46.34 | -13.00 | 33.34 |
| 3701.400 | V | 42.25 | -55.04 | 10.60 | 1.25 | -45.69 | -13.00 | 32.69 |
| QPSK, Frequency: 1880 MHz | | | | | | | | |
| 292.19 | H | 45.64 | -65.26 | 0.00 | 0.33 | -65.59 | -13.00 | 52.59 |
| 87.61 | V | 49.15 | -60.00 | 0.00 | 0.17 | -60.17 | -13.00 | 47.17 |
| 3760.000 | H | 40.65 | -55.76 | 10.66 | 1.24 | -46.34 | -13.00 | 33.34 |
| 3760.000 | V | 41.18 | -55.11 | 10.66 | 1.24 | -45.69 | -13.00 | 32.69 |
| QPSK, Frequency: 1909.3 MHz | | | | | | | | |
| 292.30 | H | 47.63 | -63.27 | 0.00 | 0.33 | -63.60 | -13.00 | 50.60 |
| 87.62 | V | 48.22 | -60.93 | 0.00 | 0.17 | -61.10 | -13.00 | 48.10 |
| 3818.600 | H | 38.02 | -57.84 | 10.72 | 1.29 | -48.41 | -13.00 | 35.41 |
| 3818.600 | V | 40.19 | -55.52 | 10.72 | 1.29 | -46.09 | -13.00 | 33.09 |

LTE Band 4 (30MHz-20GHz):

| Frequency (MHz) | Polar (H/V) | Receiver Reading (dB μ V) | Substituted Method | | | Absolute Level (dBm) | Limit (dBm) | Margin (dB) |
|-----------------------------|-------------|-------------------------------|-------------------------|------------------------|-----------------|----------------------|-------------|-------------|
| | | | Substituted Level (dBm) | Antenna Gain (dBd/dBi) | Cable Loss (dB) | | | |
| QPSK, Frequency: 1710.7 MHz | | | | | | | | |
| 95.64 | H | 56.38 | -56.28 | 0.00 | 0.19 | -56.47 | -13.00 | 43.47 |
| 78.64 | V | 48.67 | -59.10 | -0.68 | 0.16 | -59.94 | -13.00 | 46.94 |
| 3421.400 | H | 35.25 | -62.51 | 10.37 | 1.17 | -53.31 | -13.00 | 40.31 |
| 3421.400 | V | 37.87 | -59.86 | 10.37 | 1.17 | -50.66 | -13.00 | 37.66 |
| QPSK, Frequency: 1732.5 MHz | | | | | | | | |
| 95.66 | H | 53.74 | -58.92 | 0.00 | 0.19 | -59.11 | -13.00 | 46.11 |
| 76.98 | V | 49.51 | -57.27 | -1.51 | 0.16 | -58.94 | -13.00 | 45.94 |
| 3465.000 | H | 33.88 | -63.93 | 10.39 | 1.15 | -54.69 | -13.00 | 41.69 |
| 3465.000 | V | 35.70 | -62.07 | 10.39 | 1.15 | -52.83 | -13.00 | 39.83 |
| QPSK, Frequency: 1754.3MHz | | | | | | | | |
| 95.11 | H | 52.64 | -60.05 | 0.00 | 0.19 | -60.24 | -13.00 | 47.24 |
| 78.88 | V | 48.55 | -59.36 | -0.56 | 0.16 | -60.08 | -13.00 | 47.08 |
| 3508.600 | H | 33.13 | -64.69 | 10.41 | 1.19 | -55.47 | -13.00 | 42.47 |
| 3508.600 | V | 35.39 | -62.37 | 10.41 | 1.19 | -53.15 | -13.00 | 40.15 |

LTE Band 5(30MHz-10GHz):

| Frequency (MHz) | Polar (H/V) | Receiver Reading (dB μ V) | Substituted Method | | | Absolute Level (dBm) | Limit (dBm) | Margin (dB) |
|----------------------------|-------------|-------------------------------|-------------------------|------------------------|-----------------|----------------------|-------------|-------------|
| | | | Substituted Level (dBm) | Antenna Gain (dBd/dBi) | Cable Loss (dB) | | | |
| QPSK, Frequency: 824.7 MHz | | | | | | | | |
| 292.35 | H | 18.67 | -60.94 | 0.00 | 0.33 | -61.27 | -13.00 | 48.27 |
| 64.75 | V | 18.58 | -54.25 | -7.78 | 0.14 | -62.17 | -13.00 | 49.17 |
| 1649.400 | H | 66.91 | -37.42 | 8.68 | 0.80 | -29.54 | -13.00 | 16.54 |
| 1649.400 | V | 58.05 | -46.36 | 8.68 | 0.80 | -38.48 | -13.00 | 25.48 |
| QPSK, Frequency: 836.5 MHz | | | | | | | | |
| 292.73 | H | 18.54 | -61.06 | 0.00 | 0.33 | -61.39 | -13.00 | 48.39 |
| 37.95 | V | 19.64 | -37.41 | -25.42 | 0.11 | -62.94 | -13.00 | 49.94 |
| 1673.000 | H | 66.13 | -38.18 | 8.71 | 0.85 | -30.32 | -13.00 | 17.32 |
| 1673.000 | V | 56.42 | -47.99 | 8.71 | 0.85 | -40.13 | -13.00 | 27.13 |
| QPSK, Frequency: 848.3 MHz | | | | | | | | |
| 292.11 | H | 18.54 | -61.08 | 0.00 | 0.33 | -61.41 | -13.00 | 48.41 |
| 64.39 | V | 16.99 | -55.97 | -7.97 | 0.14 | -64.08 | -13.00 | 51.08 |
| 1696.600 | H | 65.95 | -38.34 | 8.74 | 0.89 | -30.49 | -13.00 | 17.49 |
| 1696.600 | V | 55.24 | -49.18 | 8.74 | 0.89 | -41.33 | -13.00 | 28.33 |

LTE Band 7 (30MHz-26.5GHz):

| Frequency (MHz) | Polar (H/V) | Receiver Reading (dB μ V) | Substituted Method | | | Absolute Level (dBm) | Limit (dBm) | Margin (dB) |
|-----------------------------|-------------|-------------------------------|-------------------------|------------------------|-----------------|----------------------|-------------|-------------|
| | | | Substituted Level (dBm) | Antenna Gain (dBd/dBi) | Cable Loss (dB) | | | |
| QPSK, Frequency: 2502.5 MHz | | | | | | | | |
| 284.67 | H | 45.67 | -65.41 | 0.00 | 0.32 | -65.73 | -25.00 | 40.73 |
| 80.67 | V | 48.33 | -60.30 | 0.00 | 0.16 | -60.46 | -25.00 | 35.46 |
| 5005.000 | H | 34.45 | -58.51 | 11.20 | 1.47 | -48.78 | -25.00 | 23.78 |
| 5005.000 | V | 34.21 | -58.61 | 11.20 | 1.47 | -48.88 | -25.00 | 23.88 |
| QPSK, Frequency: 2535 MHz | | | | | | | | |
| 283.52 | H | 46.39 | -64.72 | 0.00 | 0.32 | -65.04 | -25.00 | 40.04 |
| 82.47 | V | 47.89 | -60.88 | 0.00 | 0.16 | -61.04 | -25.00 | 36.04 |
| 5070.000 | H | 32.68 | -60.51 | 11.24 | 1.47 | -50.74 | -25.00 | 25.74 |
| 5070.000 | V | 33.83 | -59.26 | 11.24 | 1.47 | -49.49 | -25.00 | 24.49 |
| QPSK, Frequency: 2567.5 MHz | | | | | | | | |
| 283.58 | H | 45.82 | -65.29 | 0.00 | 0.32 | -65.61 | -25.00 | 40.61 |
| 84.53 | V | 48.92 | -60.00 | 0.00 | 0.17 | -60.17 | -25.00 | 35.17 |
| 5135.000 | H | 32.15 | -61.45 | 11.28 | 1.47 | -51.64 | -25.00 | 26.64 |
| 5135.000 | V | 33.31 | -60.18 | 11.28 | 1.47 | -50.37 | -25.00 | 25.37 |

Note:

- 1) The unit of Antenna Gain is dBd for frequency below 1GHz, and the unit of Antenna Gain is dBi for frequency above 1GHz.
- 2) Absolute Level = Substituted Level - Cable loss + Antenna Gain
- 3) Margin = Limit - Absolute Level

==== END OF REPORT =====