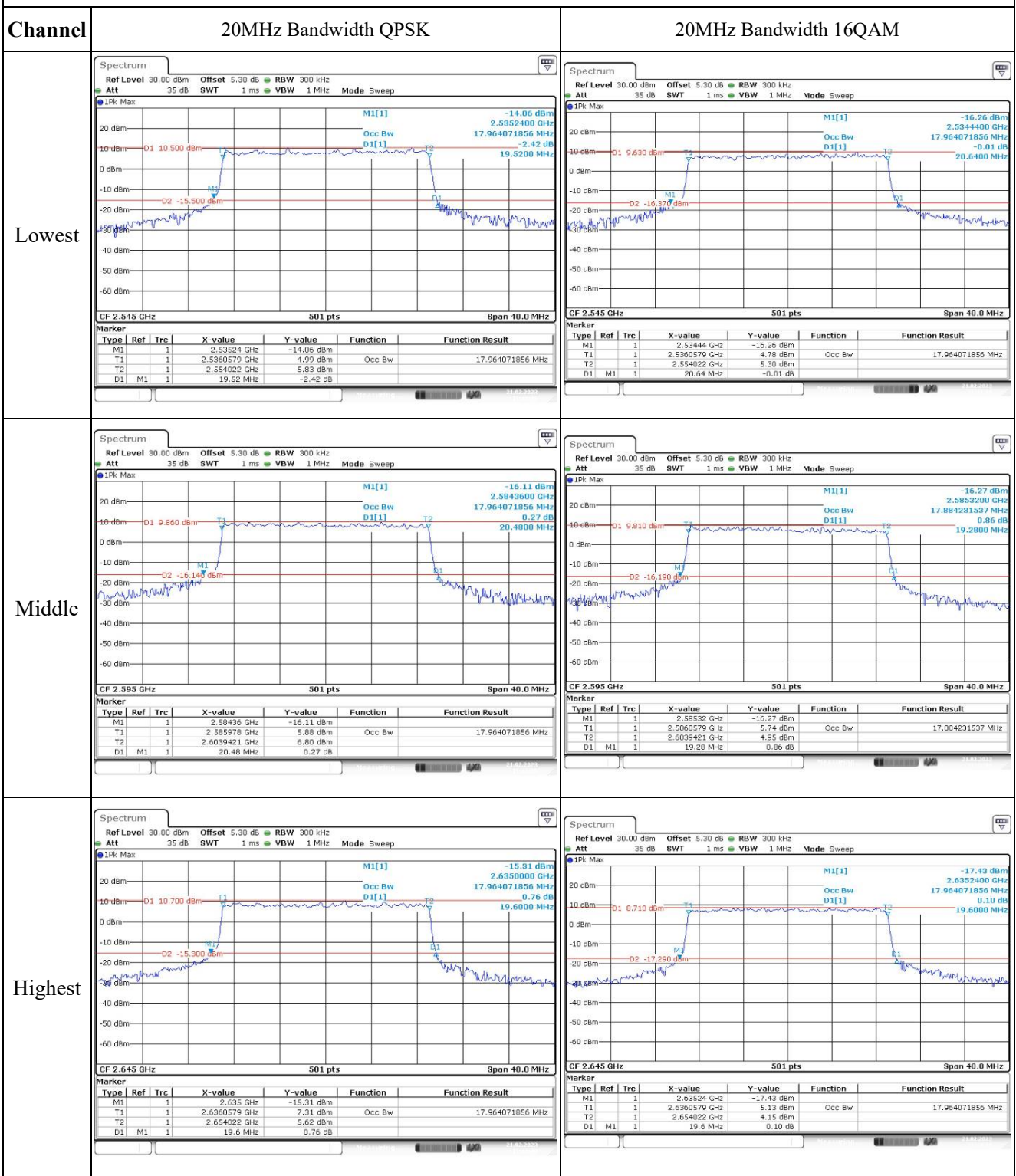


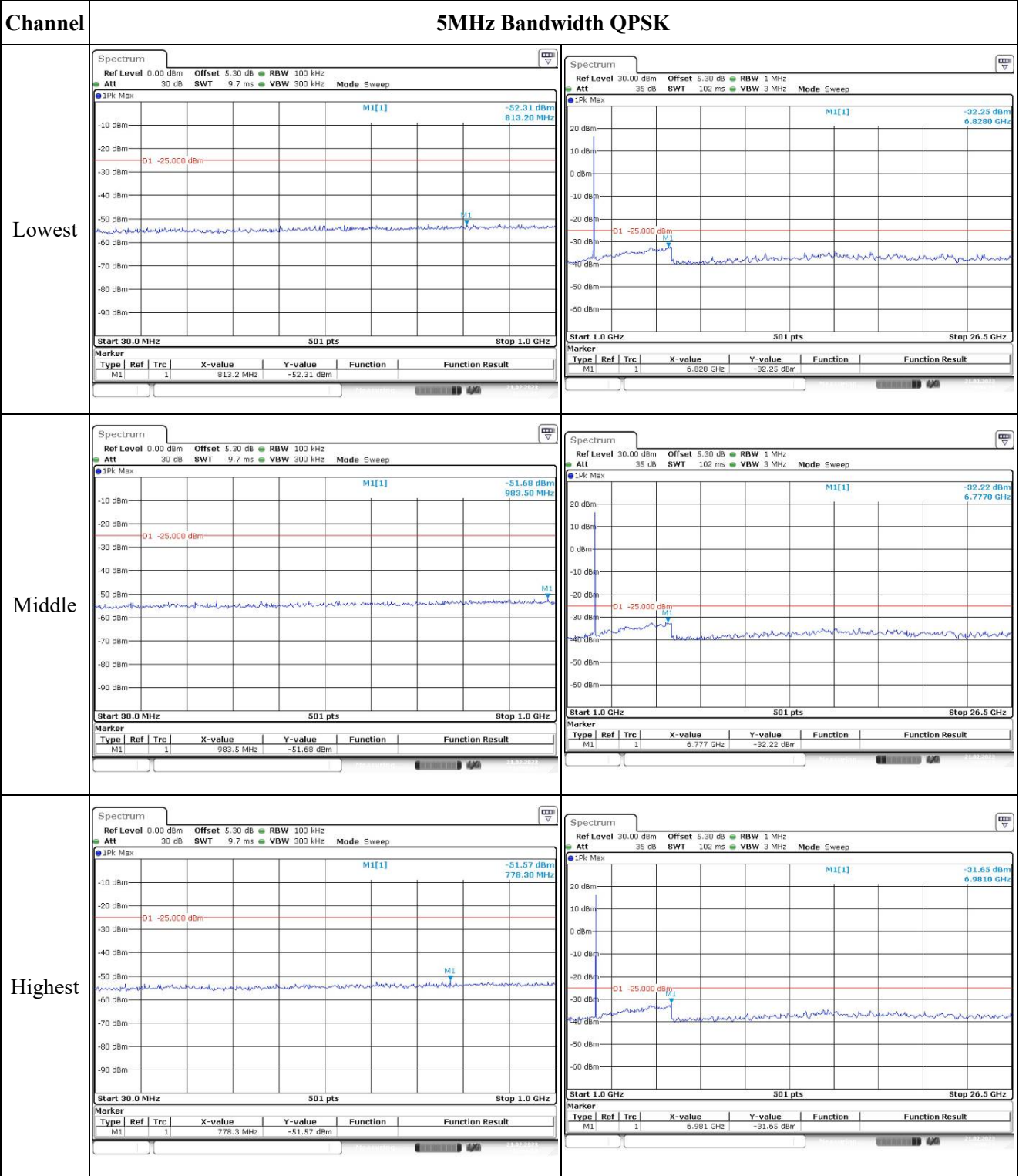
Occupied Bandwidth

| Channel | 15MHz Bandwidth QPSK | 15MHz Bandwidth 16QAM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------|---|-----------------------|------|---------------|------------|----------|------------------|----------|-----------------|----|---|--|--|-------------|------------|--|--|----|---|--|--|---------------|----------|--------|------------------|----|---|--|--|---------------|----------|--|--|----|----|---|--|-----------|----------|--|--|---|--------|------|-----|-----|---------|---------|----------|-----------------|----|---|--|--|-------------|------------|--|--|----|---|--|--|---------------|----------|--------|------------------|----|---|--|--|---------------|----------|--|--|----|----|---|--|-----------|----------|--|--|
| Lowest | <table border="1"> <thead> <tr> <th>Marker</th> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-value</th> <th>Y-value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td></td> <td></td> <td>2.53524 GHz</td> <td>-14.51 dBm</td> <td></td> <td></td> </tr> <tr> <td>T1</td> <td>1</td> <td></td> <td></td> <td>2.5357934 GHz</td> <td>6.35 dBm</td> <td>Occ Bw</td> <td>13.473053892 MHz</td> </tr> <tr> <td>T2</td> <td>1</td> <td></td> <td></td> <td>2.542665 GHz</td> <td>7.30 dBm</td> <td></td> <td></td> </tr> <tr> <td>D1</td> <td>M1</td> <td>1</td> <td></td> <td>15.36 MHz</td> <td>-0.61 dB</td> <td></td> <td></td> </tr> </tbody> </table> | Marker | Type | Ref | Trc | X-value | Y-value | Function | Function Result | M1 | 1 | | | 2.53524 GHz | -14.51 dBm | | | T1 | 1 | | | 2.5357934 GHz | 6.35 dBm | Occ Bw | 13.473053892 MHz | T2 | 1 | | | 2.542665 GHz | 7.30 dBm | | | D1 | M1 | 1 | | 15.36 MHz | -0.61 dB | | | <table border="1"> <thead> <tr> <th>Marker</th> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-value</th> <th>Y-value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td></td> <td></td> <td>2.54276 GHz</td> <td>-15.57 dBm</td> <td></td> <td></td> </tr> <tr> <td>T1</td> <td>1</td> <td></td> <td></td> <td>2.5387385 GHz</td> <td>5.23 dBm</td> <td>Occ Bw</td> <td>13.592814371 MHz</td> </tr> <tr> <td>T2</td> <td>1</td> <td></td> <td></td> <td>2.5493263 GHz</td> <td>5.63 dBm</td> <td></td> <td></td> </tr> <tr> <td>D1</td> <td>M1</td> <td>1</td> <td></td> <td>15.9 MHz</td> <td>-0.87 dB</td> <td></td> <td></td> </tr> </tbody> </table> | Marker | Type | Ref | Trc | X-value | Y-value | Function | Function Result | M1 | 1 | | | 2.54276 GHz | -15.57 dBm | | | T1 | 1 | | | 2.5387385 GHz | 5.23 dBm | Occ Bw | 13.592814371 MHz | T2 | 1 | | | 2.5493263 GHz | 5.63 dBm | | | D1 | M1 | 1 | | 15.9 MHz | -0.87 dB | | |
| Marker | Type | Ref | Trc | X-value | Y-value | Function | Function Result | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M1 | 1 | | | 2.53524 GHz | -14.51 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| T1 | 1 | | | 2.5357934 GHz | 6.35 dBm | Occ Bw | 13.473053892 MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| T2 | 1 | | | 2.542665 GHz | 7.30 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| D1 | M1 | 1 | | 15.36 MHz | -0.61 dB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Marker | Type | Ref | Trc | X-value | Y-value | Function | Function Result | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M1 | 1 | | | 2.54276 GHz | -15.57 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| T1 | 1 | | | 2.5387385 GHz | 5.23 dBm | Occ Bw | 13.592814371 MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| T2 | 1 | | | 2.5493263 GHz | 5.63 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| D1 | M1 | 1 | | 15.9 MHz | -0.87 dB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Middle | <table border="1"> <thead> <tr> <th>Marker</th> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-value</th> <th>Y-value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td></td> <td></td> <td>2.5875 GHz</td> <td>-14.68 dBm</td> <td></td> <td></td> </tr> <tr> <td>T1</td> <td>1</td> <td></td> <td></td> <td>2.5882335 GHz</td> <td>5.79 dBm</td> <td>Occ Bw</td> <td>13.473053892 MHz</td> </tr> <tr> <td>T2</td> <td>1</td> <td></td> <td></td> <td>2.6017066 GHz</td> <td>6.22 dBm</td> <td></td> <td></td> </tr> <tr> <td>D1</td> <td>M1</td> <td>1</td> <td></td> <td>15.48 MHz</td> <td>0.06 dB</td> <td></td> <td></td> </tr> </tbody> </table> | Marker | Type | Ref | Trc | X-value | Y-value | Function | Function Result | M1 | 1 | | | 2.5875 GHz | -14.68 dBm | | | T1 | 1 | | | 2.5882335 GHz | 5.79 dBm | Occ Bw | 13.473053892 MHz | T2 | 1 | | | 2.6017066 GHz | 6.22 dBm | | | D1 | M1 | 1 | | 15.48 MHz | 0.06 dB | | | <table border="1"> <thead> <tr> <th>Marker</th> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-value</th> <th>Y-value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td></td> <td></td> <td>2.5896 GHz</td> <td>-15.57 dBm</td> <td></td> <td></td> </tr> <tr> <td>T1</td> <td>1</td> <td></td> <td></td> <td>2.5882335 GHz</td> <td>6.13 dBm</td> <td>Occ Bw</td> <td>13.532934132 MHz</td> </tr> <tr> <td>T2</td> <td>1</td> <td></td> <td></td> <td>2.6017665 GHz</td> <td>5.46 dBm</td> <td></td> <td></td> </tr> <tr> <td>D1</td> <td>M1</td> <td>1</td> <td></td> <td>16.68 MHz</td> <td>-0.11 dB</td> <td></td> <td></td> </tr> </tbody> </table> | Marker | Type | Ref | Trc | X-value | Y-value | Function | Function Result | M1 | 1 | | | 2.5896 GHz | -15.57 dBm | | | T1 | 1 | | | 2.5882335 GHz | 6.13 dBm | Occ Bw | 13.532934132 MHz | T2 | 1 | | | 2.6017665 GHz | 5.46 dBm | | | D1 | M1 | 1 | | 16.68 MHz | -0.11 dB | | |
| Marker | Type | Ref | Trc | X-value | Y-value | Function | Function Result | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M1 | 1 | | | 2.5875 GHz | -14.68 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| T1 | 1 | | | 2.5882335 GHz | 5.79 dBm | Occ Bw | 13.473053892 MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| T2 | 1 | | | 2.6017066 GHz | 6.22 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| D1 | M1 | 1 | | 15.48 MHz | 0.06 dB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Marker | Type | Ref | Trc | X-value | Y-value | Function | Function Result | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M1 | 1 | | | 2.5896 GHz | -15.57 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| T1 | 1 | | | 2.5882335 GHz | 6.13 dBm | Occ Bw | 13.532934132 MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| T2 | 1 | | | 2.6017665 GHz | 5.46 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| D1 | M1 | 1 | | 16.68 MHz | -0.11 dB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Highest | <table border="1"> <thead> <tr> <th>Marker</th> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-value</th> <th>Y-value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td></td> <td></td> <td>2.63988 GHz</td> <td>-13.82 dBm</td> <td></td> <td></td> </tr> <tr> <td>T1</td> <td>1</td> <td></td> <td></td> <td>2.6407394 GHz</td> <td>6.53 dBm</td> <td>Occ Bw</td> <td>13.473053892 MHz</td> </tr> <tr> <td>T2</td> <td>1</td> <td></td> <td></td> <td>2.6542665 GHz</td> <td>6.29 dBm</td> <td></td> <td></td> </tr> <tr> <td>D1</td> <td>M1</td> <td>1</td> <td></td> <td>15.24 MHz</td> <td>-0.59 dB</td> <td></td> <td></td> </tr> </tbody> </table> | Marker | Type | Ref | Trc | X-value | Y-value | Function | Function Result | M1 | 1 | | | 2.63988 GHz | -13.82 dBm | | | T1 | 1 | | | 2.6407394 GHz | 6.53 dBm | Occ Bw | 13.473053892 MHz | T2 | 1 | | | 2.6542665 GHz | 6.29 dBm | | | D1 | M1 | 1 | | 15.24 MHz | -0.59 dB | | | <table border="1"> <thead> <tr> <th>Marker</th> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-value</th> <th>Y-value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td></td> <td></td> <td>2.64012 GHz</td> <td>-15.24 dBm</td> <td></td> <td></td> </tr> <tr> <td>T1</td> <td>1</td> <td></td> <td></td> <td>2.6407395 GHz</td> <td>4.76 dBm</td> <td>Occ Bw</td> <td>13.532934132 MHz</td> </tr> <tr> <td>T2</td> <td>1</td> <td></td> <td></td> <td>2.6542665 GHz</td> <td>6.02 dBm</td> <td></td> <td></td> </tr> <tr> <td>D1</td> <td>M1</td> <td>1</td> <td></td> <td>15.42 MHz</td> <td>-0.19 dB</td> <td></td> <td></td> </tr> </tbody> </table> | Marker | Type | Ref | Trc | X-value | Y-value | Function | Function Result | M1 | 1 | | | 2.64012 GHz | -15.24 dBm | | | T1 | 1 | | | 2.6407395 GHz | 4.76 dBm | Occ Bw | 13.532934132 MHz | T2 | 1 | | | 2.6542665 GHz | 6.02 dBm | | | D1 | M1 | 1 | | 15.42 MHz | -0.19 dB | | |
| Marker | Type | Ref | Trc | X-value | Y-value | Function | Function Result | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M1 | 1 | | | 2.63988 GHz | -13.82 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| T1 | 1 | | | 2.6407394 GHz | 6.53 dBm | Occ Bw | 13.473053892 MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| T2 | 1 | | | 2.6542665 GHz | 6.29 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| D1 | M1 | 1 | | 15.24 MHz | -0.59 dB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Marker | Type | Ref | Trc | X-value | Y-value | Function | Function Result | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M1 | 1 | | | 2.64012 GHz | -15.24 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| T1 | 1 | | | 2.6407395 GHz | 4.76 dBm | Occ Bw | 13.532934132 MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| T2 | 1 | | | 2.6542665 GHz | 6.02 dBm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| D1 | M1 | 1 | | 15.42 MHz | -0.19 dB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

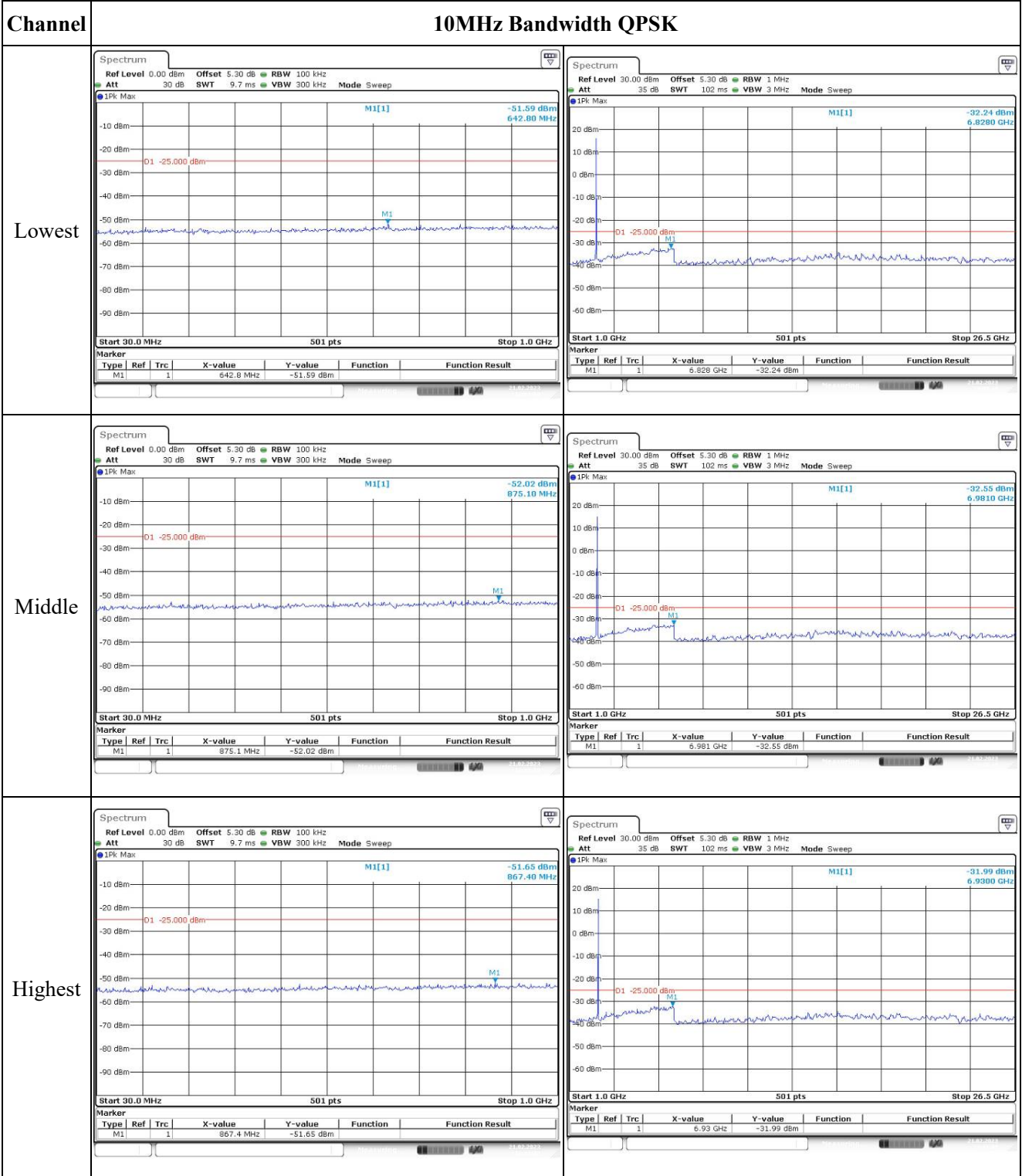
Occupied Bandwidth



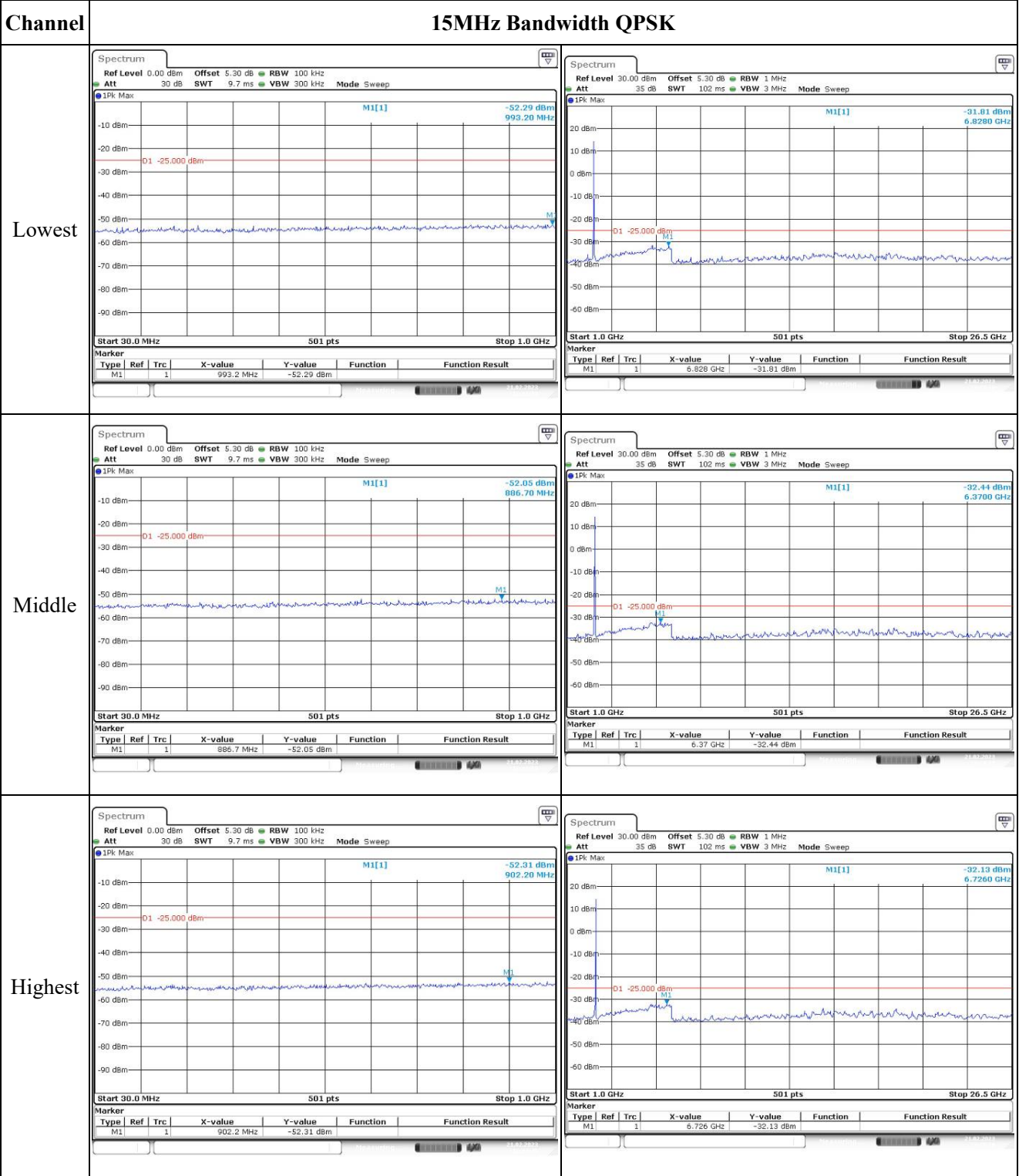
Spurious Emissions at Antenna Terminal



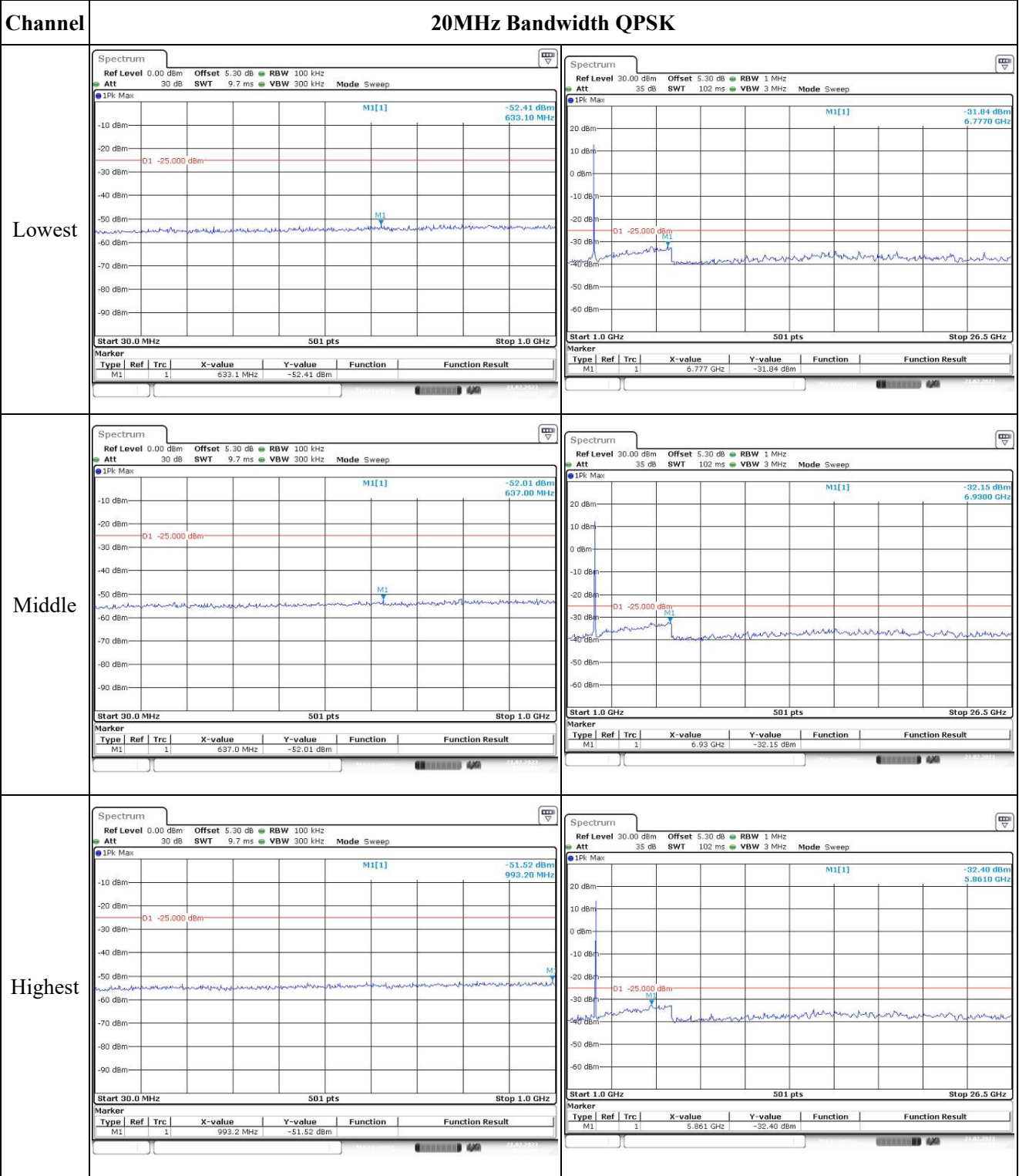
Spurious Emissions at Antenna Terminal



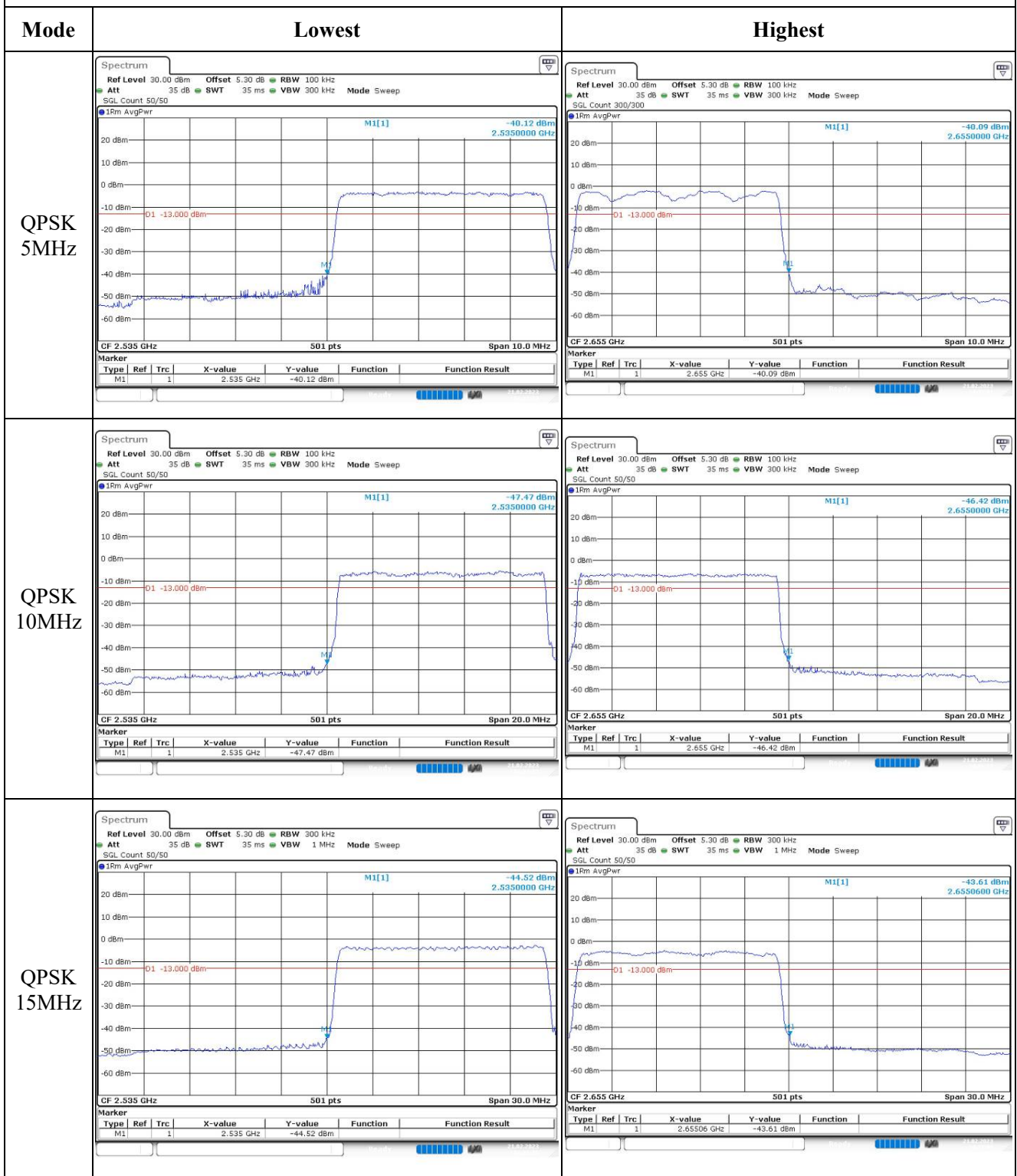
Spurious Emissions at Antenna Terminal



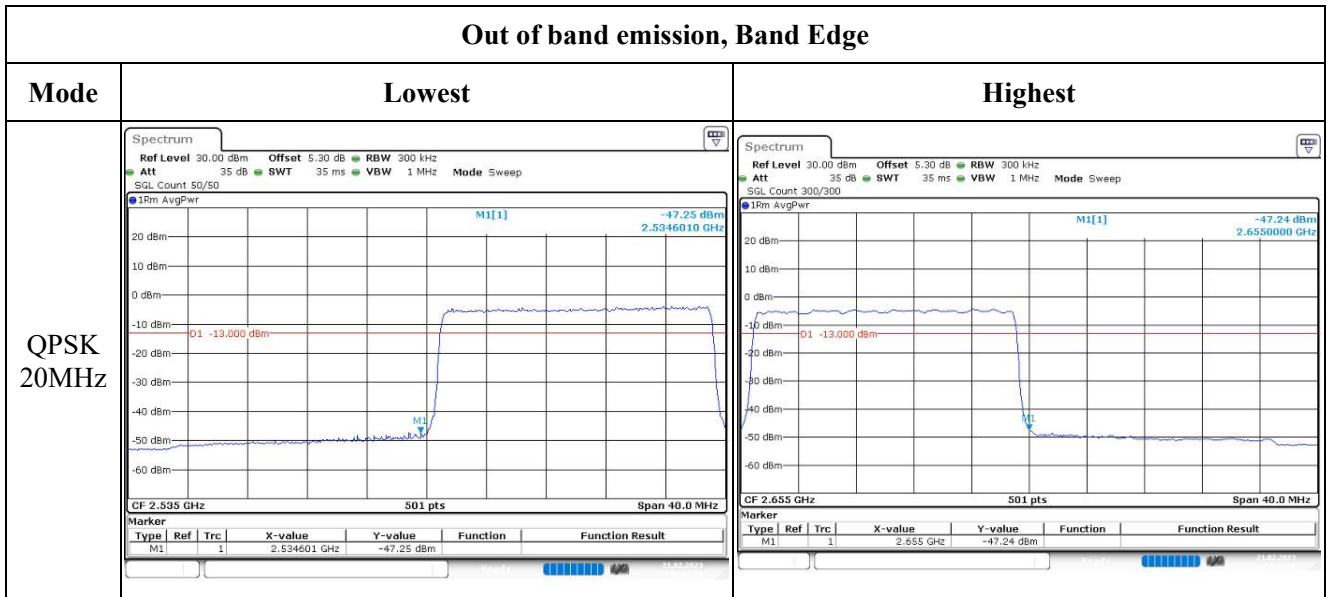
Spurious Emissions at Antenna Terminal



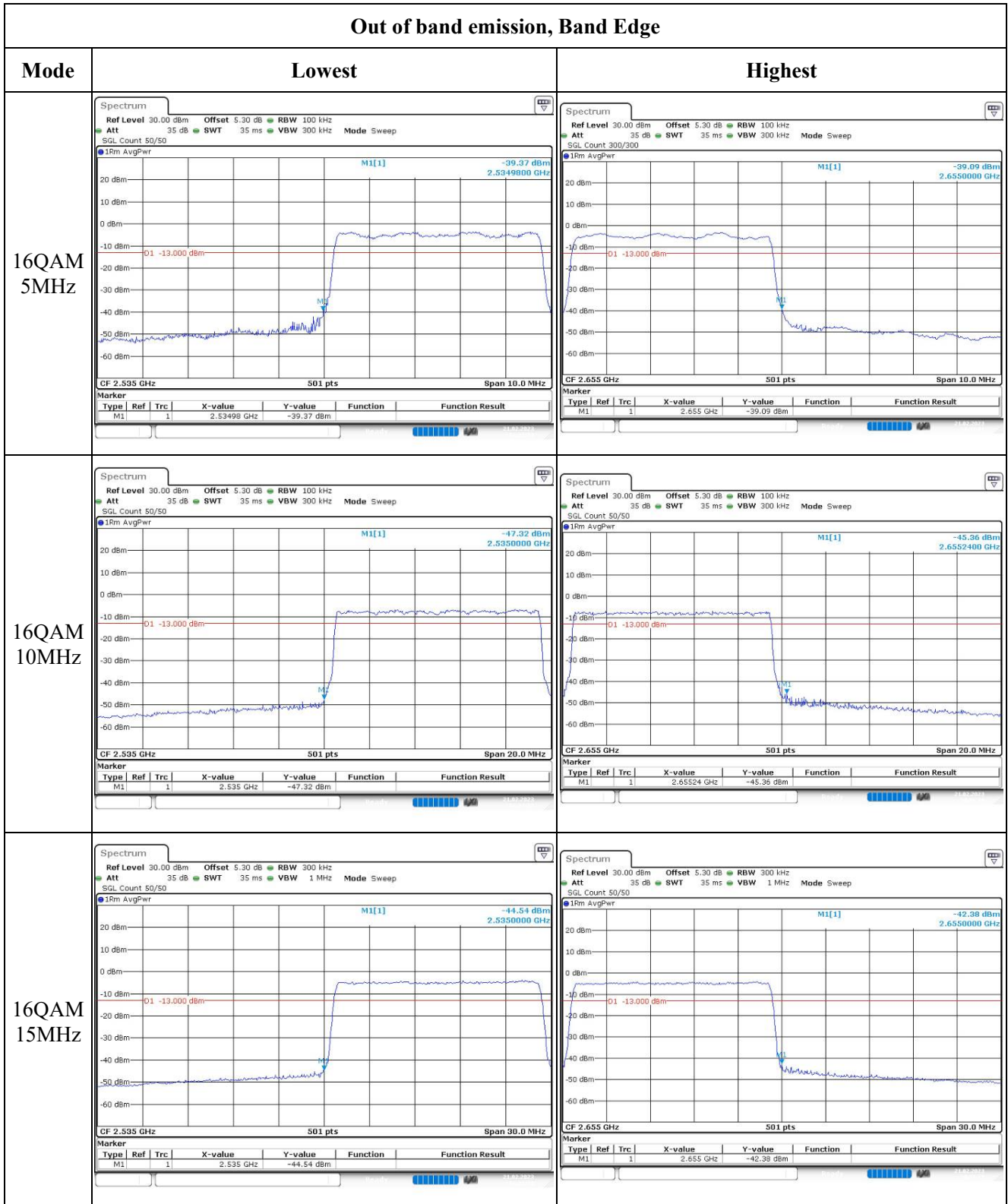
Out of band emission, Band Edge



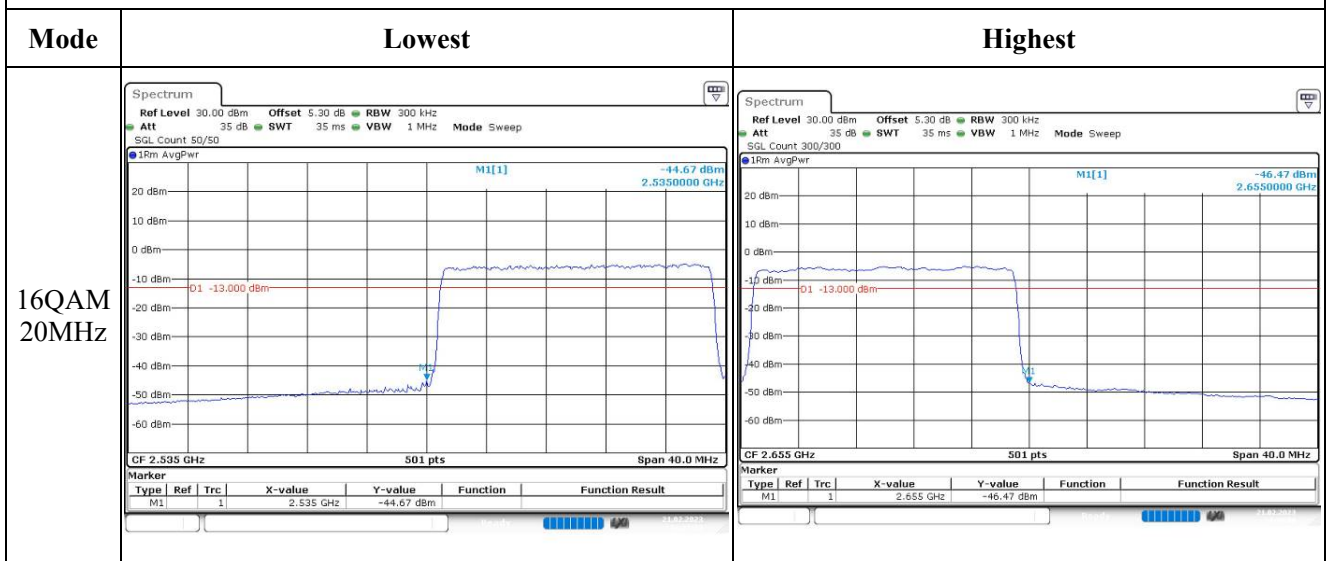
Out of band emission, Band Edge



Out of band emission, Band Edge



Out of band emission, Band Edge



4.12 Radiated Spurious Emissions

| | | | |
|----------------|----------------------|--------------|-----------------------|
| Serial Number: | 1WPX | Test Date: | 2023/02/09~2023/02/10 |
| Test Site: | 966-2,966-1 | Test Mode: | Transmitting |
| Tester: | Carl Xue, Mack Huang | Test Result: | Pass |

Environmental Conditions:

| | | | | | |
|----------------------|-----------|---------------------------|-------|---------------------------|-------------|
| Temperature: (°C) | 22.9~23.7 | Relative Humidity: (%) | 56~61 | ATM Pressure: (kPa) | 101.3~101.6 |
|----------------------|-----------|---------------------------|-------|---------------------------|-------------|

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 | 2022/07/15 | 2023/07/14 |
| TIMES MICROWAVE | Coaxial Cable | LMR-600-UltraFlex | C-0470-02 | 2022/07/17 | 2023/07/16 |
| TIMES MICROWAVE | Coaxial Cable | LMR-600-UltraFlex | C-0780-01 | 2022/07/17 | 2023/07/16 |
| Sonoma | Amplifier | 310N | 186165 | 2022/07/17 | 2023/07/16 |
| EMCO | Adjustable Dipole Antenna | 3121C | 9109-756 | N/A | N/A |
| MICRO-COAX | Coaxial Cable | UFA210B-0-0720- 300300 | 99G1448 | 2022/07/17 | 2023/07/16 |
| ETS-Lindgren | Horn Antenna | 3115 | 9912-5985 | 2020/10/13 | 2023/10/12 |
| R&S | Spectrum Analyzer | FSV40 | 101591 | 2022/07/15 | 2023/07/14 |
| MICRO-COAX | Coaxial Cable | UFA210A-1-1200- 70U300 | 217423-008 | 2022/08/07 | 2023/08/06 |
| MICRO-COAX | Coaxial Cable | UFA210A-1-2362- 300300 | 235780-001 | 2022/08/07 | 2023/08/06 |
| Mini | Pre-amplifier | ZVA-183-S+ | 5969001149 | 2022/11/09 | 2023/11/08 |
| AH | Double Ridge Guide Horn Antenna | SAS-571 | 1396 | 2021/10/18 | 2024/10/17 |
| MICRO-COAX | Coaxial Cable | UFA210B-0-0720- 300300 | 99G1448 | 2022/07/17 | 2023/07/16 |
| Agilent | Signal Generator | E8247C | MY43321352 | 2022/04/01 | 2023/03/31 |
| PASTERNAK | Horn Antenna | PE9852/2F-20 | 112002 | 2021/02/05 | 2024/02/04 |
| PASTERNAK | Horn Antenna | PE9852/2F-20 | 112001 | 2021/02/05 | 2024/02/04 |
| AH | Preamplifier | PAM-1840VH | 190 | 2022/11/09 | 2023/11/08 |
| PASTERNAK | Horn Antenna | PE9850/2F-20 | 072001 | 2021/02/05 | 2024/02/04 |
| PASTERNAK | Horn Antenna | PE9850/2F-20 | 072002 | 2021/02/05 | 2024/02/04 |
| MICRO-COAX | Coaxial Cable | UFB142A-1-2362- 200200 | 235772-001 | 2022/08/07 | 2023/08/06 |

* **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 table and plots.

Note: The device can be mounted in multiple orientations, test was performed with X,Y, Z Axis according to C63.26 figure 5, the worst orientation was photographed and it's data was recorded.

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) | | | |
| GSM 850 Frequency:824.2MHz | | | | | | | | |
| 721.84 | H | 21.69 | -51.19 | 0.00 | 0.50 | -51.69 | -13.00 | 38.69 |
| 729.47 | V | 21.79 | -47.49 | 0.00 | 0.53 | -48.02 | -13.00 | 35.02 |
| 1648.400 | H | 51.49 | -52.84 | 8.68 | 0.80 | -44.96 | -13.00 | 31.96 |
| 1648.400 | V | 48.39 | -56.02 | 8.68 | 0.80 | -48.14 | -13.00 | 35.14 |
| 2472.600 | H | 49.25 | -51.53 | 9.38 | 1.00 | -43.15 | -13.00 | 30.15 |
| 2472.600 | V | 46.28 | -54.45 | 9.38 | 1.00 | -46.07 | -13.00 | 33.07 |
| 3296.800 | H | 38.87 | -57.81 | 10.32 | 1.15 | -48.64 | -13.00 | 35.64 |
| 3296.800 | V | 36.32 | -60.12 | 10.32 | 1.15 | -50.95 | -13.00 | 37.95 |
| GSM 850 Frequency:836.6MHz | | | | | | | | |
| 711.79 | H | 21.56 | -51.52 | 0.00 | 0.51 | -52.03 | -13.00 | 39.03 |
| 721.83 | V | 21.81 | -47.63 | 0.00 | 0.50 | -48.13 | -13.00 | 35.13 |
| 1673.200 | H | 50.52 | -53.79 | 8.71 | 0.85 | -45.93 | -13.00 | 32.93 |
| 1673.200 | V | 47.78 | -56.63 | 8.71 | 0.85 | -48.77 | -13.00 | 35.77 |
| 2509.800 | H | 53.77 | -46.84 | 9.42 | 1.01 | -38.43 | -13.00 | 25.43 |
| 2509.800 | V | 50.25 | -50.37 | 9.42 | 1.01 | -41.96 | -13.00 | 28.96 |
| 3346.400 | H | 40.70 | -56.47 | 10.34 | 1.16 | -47.29 | -13.00 | 34.29 |
| 3346.400 | V | 37.37 | -59.66 | 10.34 | 1.16 | -50.48 | -13.00 | 37.48 |
| GSM 850 Frequency:848.8MHz | | | | | | | | |
| 709.31 | H | 21.47 | -51.66 | 0.00 | 0.52 | -52.18 | -13.00 | 39.18 |
| 729.47 | V | 22.19 | -47.09 | 0.00 | 0.53 | -47.62 | -13.00 | 34.62 |
| 1697.600 | H | 44.58 | -59.71 | 8.74 | 0.90 | -51.87 | -13.00 | 38.87 |
| 1697.600 | V | 46.85 | -57.57 | 8.74 | 0.90 | -49.73 | -13.00 | 36.73 |
| 2546.400 | H | 47.27 | -53.06 | 9.47 | 1.01 | -44.60 | -13.00 | 31.60 |
| 2546.400 | V | 54.64 | -45.64 | 9.47 | 1.01 | -37.18 | -13.00 | 24.18 |
| 3395.200 | H | 36.46 | -61.23 | 10.36 | 1.19 | -52.06 | -13.00 | 39.06 |
| 3395.200 | V | 37.85 | -59.81 | 10.36 | 1.19 | -50.64 | -13.00 | 37.64 |

| Frequency (MHz) | Polar (H/V) | Receiver Reading (dBμV) | 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 | | | | | | | | |
| 726.91 | H | 21.33 | -51.45 | 0.00 | 0.52 | -51.97 | -13.00 | 38.97 |
| 709.30 | V | 21.30 | -48.42 | 0.00 | 0.52 | -48.94 | -13.00 | 35.94 |
| 1652.800 | H | 35.12 | -69.21 | 8.68 | 0.81 | -61.34 | -13.00 | 48.34 |
| 1652.800 | V | 34.78 | -69.63 | 8.68 | 0.81 | -61.76 | -13.00 | 48.76 |
| 2479.200 | H | 35.11 | -65.65 | 9.39 | 1.01 | -57.27 | -13.00 | 44.27 |
| 2479.200 | V | 34.02 | -66.71 | 9.39 | 1.01 | -58.33 | -13.00 | 45.33 |
| 3305.600 | H | 34.69 | -62.04 | 10.32 | 1.15 | -52.87 | -13.00 | 39.87 |
| 3305.600 | V | 35.56 | -60.94 | 10.32 | 1.15 | -51.77 | -13.00 | 38.77 |
| WCDMA Band 5 Frequency:836.6MHz | | | | | | | | |
| 716.80 | H | 21.23 | -51.75 | 0.00 | 0.50 | -52.25 | -13.00 | 39.25 |
| 721.84 | V | 21.18 | -48.26 | 0.00 | 0.50 | -48.76 | -13.00 | 35.76 |
| 1673.200 | H | 35.46 | -68.85 | 8.71 | 0.85 | -60.99 | -13.00 | 47.99 |
| 1673.200 | V | 36.02 | -68.39 | 8.71 | 0.85 | -60.53 | -13.00 | 47.53 |
| 2509.800 | H | 34.23 | -66.38 | 9.42 | 1.01 | -57.97 | -13.00 | 44.97 |
| 2509.800 | V | 35.78 | -64.84 | 9.42 | 1.01 | -56.43 | -13.00 | 43.43 |
| 3346.400 | H | 34.11 | -63.06 | 10.34 | 1.16 | -53.88 | -13.00 | 40.88 |
| 3346.400 | V | 34.06 | -62.97 | 10.34 | 1.16 | -53.79 | -13.00 | 40.79 |
| WCDMA Band 5 Frequency:846.6MHz | | | | | | | | |
| 726.91 | H | 22.08 | -50.70 | 0.00 | 0.52 | -51.22 | -13.00 | 38.22 |
| 704.35 | V | 21.76 | -48.07 | 0.00 | 0.55 | -48.62 | -13.00 | 35.62 |
| 1693.200 | H | 37.45 | -66.85 | 8.73 | 0.89 | -59.01 | -13.00 | 46.01 |
| 1693.200 | V | 36.01 | -68.41 | 8.73 | 0.89 | -60.57 | -13.00 | 47.57 |
| 2539.800 | H | 35.45 | -64.93 | 9.46 | 1.01 | -56.48 | -13.00 | 43.48 |
| 2539.800 | V | 35.23 | -65.11 | 9.46 | 1.01 | -56.66 | -13.00 | 43.66 |
| 3386.400 | H | 34.28 | -63.31 | 10.35 | 1.18 | -54.14 | -13.00 | 41.14 |
| 3386.400 | V | 35.01 | -62.53 | 10.35 | 1.18 | -53.36 | -13.00 | 40.36 |

PCS Band (PART 24E)**30 MHz-20 GHz:**

| Frequency (MHz) | Polar (H/V) | Receiver Reading (dBμV) | Substituted Method | | | Absolute Level (dBm) | Limit (dBm) | Margin (dB) |
|------------------------------|-------------|-------------------------|-------------------------|------------------------|-----------------|----------------------|-------------|-------------|
| | | | Substituted Level (dBm) | Antenna Gain (dBd/dBi) | Cable Loss (dB) | | | |
| GSM 1900 Frequency:1850.2MHz | | | | | | | | |
| 68.09 | H | 29.53 | -74.27 | -6.01 | 0.15 | -80.43 | -13.00 | 67.43 |
| 30.96 | V | 36.56 | -44.32 | -25.86 | 0.10 | -70.28 | -13.00 | 57.28 |
| 3700.400 | H | 45.05 | -52.27 | 10.60 | 1.25 | -42.92 | -13.00 | 29.92 |
| 3700.400 | V | 43.72 | -53.58 | 10.60 | 1.25 | -44.23 | -13.00 | 31.23 |
| 5550.600 | H | 42.94 | -50.32 | 11.44 | 1.49 | -40.37 | -13.00 | 27.37 |
| 5550.600 | V | 39.45 | -53.65 | 11.44 | 1.49 | -43.70 | -13.00 | 30.70 |
| GSM 1900 Frequency:1880MHz | | | | | | | | |
| 67.62 | H | 29.61 | -74.19 | -6.26 | 0.15 | -80.60 | -13.00 | 67.60 |
| 31.07 | V | 36.13 | -44.86 | -25.81 | 0.10 | -70.77 | -13.00 | 57.77 |
| 3760.000 | H | 48.83 | -47.58 | 10.66 | 1.24 | -38.16 | -13.00 | 25.16 |
| 3760.000 | V | 45.63 | -50.66 | 10.66 | 1.24 | -41.24 | -13.00 | 28.24 |
| 5640.000 | H | 45.16 | -48.29 | 11.33 | 1.54 | -38.50 | -13.00 | 25.50 |
| 5640.000 | V | 45.82 | -47.51 | 11.33 | 1.54 | -37.72 | -13.00 | 24.72 |
| GSM 1900 Frequency:1909.8MHz | | | | | | | | |
| 70.52 | H | 29.64 | -74.45 | -4.74 | 0.15 | -79.34 | -13.00 | 66.34 |
| 31.07 | V | 36.59 | -44.40 | -25.81 | 0.10 | -70.31 | -13.00 | 57.31 |
| 3819.600 | H | 49.74 | -46.12 | 10.72 | 1.29 | -36.69 | -13.00 | 23.69 |
| 3819.600 | V | 45.40 | -50.32 | 10.72 | 1.29 | -40.89 | -13.00 | 27.89 |
| 5729.400 | H | 48.20 | -45.28 | 11.22 | 1.59 | -35.65 | -13.00 | 22.65 |
| 5729.400 | V | 44.40 | -48.96 | 11.22 | 1.59 | -39.33 | -13.00 | 26.33 |

| 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 | | | | | | | | |
| 95.68 | H | 29.26 | -83.40 | 0.00 | 0.19 | -83.59 | -13.00 | 70.59 |
| 43.50 | V | 39.84 | -54.52 | -21.78 | 0.12 | -76.42 | -13.00 | 63.42 |
| 3704.800 | H | 49.67 | -47.59 | 10.60 | 1.25 | -38.24 | -13.00 | 25.24 |
| 3704.800 | V | 50.63 | -46.60 | 10.60 | 1.25 | -37.25 | -13.00 | 24.25 |
| 5557.200 | H | 44.23 | -49.05 | 11.43 | 1.49 | -39.11 | -13.00 | 26.11 |
| 5557.200 | V | 39.74 | -53.39 | 11.43 | 1.49 | -43.45 | -13.00 | 30.45 |
| WCDMA Band II, Frequency:1880 MHz | | | | | | | | |
| 76.46 | H | 29.75 | -77.91 | -1.77 | 0.16 | -79.84 | -13.00 | 66.84 |
| 43.20 | V | 37.91 | -56.06 | -22.18 | 0.12 | -78.36 | -13.00 | 65.36 |
| 3760.000 | H | 50.60 | -45.81 | 10.66 | 1.24 | -36.39 | -13.00 | 23.39 |
| 3760.000 | V | 44.19 | -52.10 | 10.66 | 1.24 | -42.68 | -13.00 | 29.68 |
| 5640.000 | H | 43.36 | -50.09 | 11.33 | 1.54 | -40.30 | -13.00 | 27.30 |
| 5640.000 | V | 40.12 | -53.21 | 11.33 | 1.54 | -43.42 | -13.00 | 30.42 |
| WCDMA Band II, Frequency:1907.6MHz | | | | | | | | |
| 73.32 | H | 29.21 | -76.56 | -3.34 | 0.16 | -80.06 | -13.00 | 67.06 |
| 45.05 | V | 37.89 | -58.46 | -19.75 | 0.12 | -78.33 | -13.00 | 65.33 |
| 3815.200 | H | 48.02 | -47.83 | 10.72 | 1.29 | -38.40 | -13.00 | 25.40 |
| 3815.200 | V | 43.36 | -52.33 | 10.72 | 1.29 | -42.90 | -13.00 | 29.90 |
| 5722.800 | H | 37.93 | -55.56 | 11.23 | 1.58 | -45.91 | -13.00 | 32.91 |
| 5722.800 | V | 39.45 | -53.90 | 11.23 | 1.58 | -44.25 | -13.00 | 31.25 |

AWS Band(Part 27)

30 MHz-20 GHz:

| Frequency (MHz) | Polar (H/V) | Receiver Reading (dBμV) | Substituted Method | | | Absolute Level (dBm) | Limit (dBm) | Margin (dB) |
|-------------------------------------|-------------|-------------------------|-------------------------|------------------------|-----------------|----------------------|-------------|-------------|
| | | | Substituted Level (dBm) | Antenna Gain (dBd/dBi) | Cable Loss (dB) | | | |
| WCDMA Band IV, Frequency:1712.4 MHz | | | | | | | | |
| 72.81 | H | 29.38 | -76.09 | -3.60 | 0.16 | -79.85 | -13.00 | 66.85 |
| 44.58 | V | 38.96 | -56.80 | -20.35 | 0.12 | -77.27 | -13.00 | 64.27 |
| 3424.800 | H | 46.29 | -51.48 | 10.37 | 1.17 | -42.28 | -13.00 | 29.28 |
| 3424.800 | V | 41.51 | -56.23 | 10.37 | 1.17 | -47.03 | -13.00 | 34.03 |
| 5137.200 | H | 42.16 | -51.46 | 11.28 | 1.46 | -41.64 | -13.00 | 28.64 |
| 5137.200 | V | 37.12 | -56.38 | 11.28 | 1.46 | -46.56 | -13.00 | 33.56 |
| WCDMA Band IV, Frequency:1732.6 MHz | | | | | | | | |
| 72.29 | H | 29.75 | -75.40 | -3.86 | 0.15 | -79.41 | -13.00 | 66.41 |
| 42.60 | V | 37.88 | -55.31 | -22.97 | 0.12 | -78.40 | -13.00 | 65.40 |
| 3465.200 | H | 48.21 | -49.60 | 10.39 | 1.15 | -40.36 | -13.00 | 27.36 |
| 3465.200 | V | 42.97 | -54.80 | 10.39 | 1.15 | -45.56 | -13.00 | 32.56 |
| 5197.800 | H | 43.94 | -50.19 | 11.32 | 1.44 | -40.31 | -13.00 | 27.31 |
| 5197.800 | V | 38.39 | -55.59 | 11.32 | 1.44 | -45.71 | -13.00 | 32.71 |
| WCDMA Band IV, Frequency:1752.6MHz | | | | | | | | |
| 73.06 | H | 29.79 | -75.83 | -3.47 | 0.16 | -79.46 | -13.00 | 66.46 |
| 43.81 | V | 38.64 | -56.12 | -21.37 | 0.12 | -77.61 | -13.00 | 64.61 |
| 3505.200 | H | 48.19 | -49.64 | 10.41 | 1.18 | -40.41 | -13.00 | 27.41 |
| 3505.200 | V | 44.22 | -53.55 | 10.41 | 1.18 | -44.32 | -13.00 | 31.32 |
| 5257.800 | H | 44.80 | -48.93 | 11.35 | 1.47 | -39.05 | -13.00 | 26.05 |
| 5257.800 | V | 39.53 | -53.98 | 11.35 | 1.47 | -44.10 | -13.00 | 31.10 |

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 | | | | | | | | |
| 72.55 | H | 30.14 | -75.17 | -3.73 | 0.16 | -79.06 | -13.00 | 66.06 |
| 43.81 | V | 39.01 | -55.75 | -21.37 | 0.12 | -77.24 | -13.00 | 64.24 |
| 3701.400 | H | 49.52 | -47.79 | 10.60 | 1.25 | -38.44 | -13.00 | 25.44 |
| 3701.400 | V | 50.51 | -46.78 | 10.60 | 1.25 | -37.43 | -13.00 | 24.43 |
| 5552.100 | H | 45.47 | -47.80 | 11.44 | 1.49 | -37.85 | -13.00 | 24.85 |
| 5552.100 | V | 40.02 | -53.08 | 11.44 | 1.49 | -43.13 | -13.00 | 30.13 |
| QPSK, Frequency: 1880 MHz | | | | | | | | |
| 510.57 | H | 29.50 | -77.14 | 0.00 | 0.45 | -77.59 | -13.00 | 64.59 |
| 43.65 | V | 39.39 | -55.16 | -21.58 | 0.12 | -76.86 | -13.00 | 63.86 |
| 3760.000 | H | 49.49 | -46.92 | 10.66 | 1.24 | -37.50 | -13.00 | 24.50 |
| 3760.000 | V | 45.97 | -50.32 | 10.66 | 1.24 | -40.90 | -13.00 | 27.90 |
| 5640.000 | H | 43.89 | -49.56 | 11.33 | 1.54 | -39.77 | -13.00 | 26.77 |
| 5640.000 | V | 40.35 | -52.98 | 11.33 | 1.54 | -43.19 | -13.00 | 30.19 |
| QPSK, Frequency: 1909.3 MHz | | | | | | | | |
| 666.33 | H | 29.91 | -74.77 | 0.00 | 0.50 | -75.27 | -13.00 | 62.27 |
| 44.58 | V | 37.62 | -58.14 | -20.35 | 0.12 | -78.61 | -13.00 | 65.61 |
| 3818.600 | H | 50.23 | -45.63 | 10.72 | 1.29 | -36.20 | -13.00 | 23.20 |
| 3818.600 | V | 47.59 | -48.12 | 10.72 | 1.29 | -38.69 | -13.00 | 25.69 |
| 5727.900 | H | 46.21 | -47.27 | 11.23 | 1.59 | -37.63 | -13.00 | 24.63 |
| 5727.900 | V | 41.01 | -52.35 | 11.23 | 1.59 | -42.71 | -13.00 | 29.71 |

LTE Band 4 (30MHz-20GHz):

| Frequency (MHz) | Polar (H/V) | Receiver Reading (dBμV) | Substituted Method | | | Absolute Level (dBm) | Limit (dBm) | Margin (dB) |
|-----------------------------|-------------|-------------------------|-------------------------|------------------------|-----------------|----------------------|-------------|-------------|
| | | | Substituted Level (dBm) | Antenna Gain (dBd/dBi) | Cable Loss (dB) | | | |
| QPSK, Frequency: 1710.7 MHz | | | | | | | | |
| 74.87 | H | 29.64 | -77.06 | -2.57 | 0.16 | -79.79 | -13.00 | 66.79 |
| 43.81 | V | 39.42 | -55.34 | -21.37 | 0.12 | -76.83 | -13.00 | 63.83 |
| 3421.400 | H | 49.66 | -48.10 | 10.37 | 1.17 | -38.90 | -13.00 | 25.90 |
| 3421.400 | V | 46.51 | -51.22 | 10.37 | 1.17 | -42.02 | -13.00 | 29.02 |
| 5132.100 | H | 49.25 | -44.32 | 11.28 | 1.47 | -34.51 | -13.00 | 21.51 |
| 5132.100 | V | 41.72 | -51.74 | 11.28 | 1.47 | -41.93 | -13.00 | 28.93 |
| QPSK, Frequency: 1732.5 MHz | | | | | | | | |
| 72.78 | H | 29.89 | -75.56 | -3.61 | 0.16 | -79.33 | -13.00 | 66.33 |
| 43.20 | V | 37.92 | -56.05 | -22.18 | 0.12 | -78.35 | -13.00 | 65.35 |
| 3465.000 | H | 51.55 | -46.26 | 10.39 | 1.15 | -37.02 | -13.00 | 24.02 |
| 3465.000 | V | 44.56 | -53.21 | 10.39 | 1.15 | -43.97 | -13.00 | 30.97 |
| 5197.500 | H | 49.83 | -44.30 | 11.32 | 1.44 | -34.42 | -13.00 | 21.42 |
| 5197.500 | V | 40.78 | -53.20 | 11.32 | 1.44 | -43.32 | -13.00 | 30.32 |
| QPSK, Frequency: 1754.3MHz | | | | | | | | |
| 90.15 | H | 30.28 | -82.74 | 0.00 | 0.18 | -82.92 | -13.00 | 69.92 |
| 42.90 | V | 37.87 | -55.71 | -22.57 | 0.12 | -78.40 | -13.00 | 65.40 |
| 3508.600 | H | 51.38 | -46.44 | 10.41 | 1.19 | -37.22 | -13.00 | 24.22 |
| 3508.600 | V | 45.49 | -52.27 | 10.41 | 1.19 | -43.05 | -13.00 | 30.05 |
| 5262.900 | H | 50.66 | -43.04 | 11.36 | 1.47 | -33.15 | -13.00 | 20.15 |
| 5262.900 | V | 42.14 | -51.33 | 11.36 | 1.47 | -41.44 | -13.00 | 28.44 |

LTE Band 5(30MHz-10GHz):

| Frequency (MHz) | Polar (H/V) | Receiver Reading (dBμV) | Substituted Method | | | Absolute Level (dBm) | Limit (dBm) | Margin (dB) |
|----------------------------|-------------|-------------------------|-------------------------|------------------------|-----------------|----------------------|-------------|-------------|
| | | | Substituted Level (dBm) | Antenna Gain (dBd/dBi) | Cable Loss (dB) | | | |
| QPSK, Frequency: 824.7 MHz | | | | | | | | |
| 730.16 | H | 21.73 | -50.98 | 0.00 | 0.53 | -51.51 | -13.00 | 38.51 |
| 725.06 | V | 20.84 | -48.53 | 0.00 | 0.51 | -49.04 | -13.00 | 36.04 |
| 1649.400 | H | 35.12 | -69.21 | 8.68 | 0.80 | -61.33 | -13.00 | 48.33 |
| 1649.400 | V | 34.06 | -70.35 | 8.68 | 0.80 | -62.47 | -13.00 | 49.47 |
| 2474.100 | H | 37.34 | -63.44 | 9.38 | 1.00 | -55.06 | -13.00 | 42.06 |
| 2474.100 | V | 35.45 | -65.28 | 9.38 | 1.00 | -56.90 | -13.00 | 43.90 |
| 3298.800 | H | 34.47 | -62.21 | 10.32 | 1.15 | -53.04 | -13.00 | 40.04 |
| 3298.800 | V | 34.23 | -62.21 | 10.32 | 1.15 | -53.04 | -13.00 | 40.04 |
| QPSK, Frequency: 836.5 MHz | | | | | | | | |
| 591.75 | H | 21.58 | -52.44 | 0.00 | 0.49 | -52.93 | -13.00 | 39.93 |
| 717.48 | V | 21.26 | -48.28 | 0.00 | 0.50 | -48.78 | -13.00 | 35.78 |
| 1673.000 | H | 35.11 | -69.20 | 8.71 | 0.85 | -61.34 | -13.00 | 48.34 |
| 1673.000 | V | 36.43 | -67.98 | 8.71 | 0.85 | -60.12 | -13.00 | 47.12 |
| 2509.500 | H | 35.12 | -65.49 | 9.42 | 1.01 | -57.08 | -13.00 | 44.08 |
| 2509.500 | V | 34.53 | -66.09 | 9.42 | 1.01 | -57.68 | -13.00 | 44.68 |
| 3346.000 | H | 34.70 | -62.46 | 10.34 | 1.16 | -53.28 | -13.00 | 40.28 |
| 3346.000 | V | 35.20 | -61.82 | 10.34 | 1.16 | -52.64 | -13.00 | 39.64 |
| QPSK, Frequency: 848.3 MHz | | | | | | | | |
| 725.06 | H | 20.89 | -51.92 | 0.00 | 0.51 | -52.43 | -13.00 | 39.43 |
| 722.53 | V | 21.02 | -48.41 | 0.00 | 0.50 | -48.91 | -13.00 | 35.91 |
| 1696.600 | H | 35.46 | -68.83 | 8.74 | 0.89 | -60.98 | -13.00 | 47.98 |
| 1696.600 | V | 35.27 | -69.15 | 8.74 | 0.89 | -61.30 | -13.00 | 48.30 |
| 2544.900 | H | 34.04 | -66.30 | 9.47 | 1.01 | -57.84 | -13.00 | 44.84 |
| 2544.900 | V | 35.11 | -65.19 | 9.47 | 1.01 | -56.73 | -13.00 | 43.73 |
| 3393.200 | H | 34.29 | -63.38 | 10.36 | 1.19 | -54.21 | -13.00 | 41.21 |
| 3393.200 | V | 35.36 | -62.27 | 10.36 | 1.19 | -53.10 | -13.00 | 40.10 |

LTE Band 7 (30MHz-26.5GHz):

| Frequency (MHz) | Polar (H/V) | Receiver Reading (dBμV) | Substituted Method | | | Absolute Level (dBm) | Limit (dBm) | Margin (dB) |
|-----------------------------|-------------|-------------------------|-------------------------|------------------------|-----------------|----------------------|-------------|-------------|
| | | | Substituted Level (dBm) | Antenna Gain (dBd/dBi) | Cable Loss (dB) | | | |
| QPSK, Frequency: 2502.5 MHz | | | | | | | | |
| 223.24 | H | 30.70 | -81.73 | 0.00 | 0.28 | -82.01 | -25.00 | 57.01 |
| 43.35 | V | 37.98 | -56.18 | -21.98 | 0.12 | -78.28 | -25.00 | 53.28 |
| 5005.000 | H | 38.67 | -54.29 | 11.20 | 1.47 | -44.56 | -25.00 | 19.56 |
| 5005.000 | V | 37.59 | -55.23 | 11.20 | 1.47 | -45.50 | -25.00 | 20.50 |
| 7507.500 | H | 35.36 | -54.43 | 10.90 | 1.95 | -45.48 | -25.00 | 20.48 |
| 7507.500 | V | 34.95 | -55.34 | 10.90 | 1.95 | -46.39 | -25.00 | 21.39 |
| QPSK, Frequency:2535 MHz | | | | | | | | |
| 541.70 | H | 29.80 | -76.21 | 0.00 | 0.46 | -76.67 | -25.00 | 51.67 |
| 44.74 | V | 38.37 | -57.59 | -20.14 | 0.12 | -77.85 | -25.00 | 52.85 |
| 5070.000 | H | 38.99 | -54.20 | 11.24 | 1.47 | -44.43 | -25.00 | 19.43 |
| 5070.000 | V | 35.47 | -57.62 | 11.24 | 1.47 | -47.85 | -25.00 | 22.85 |
| 7605.000 | H | 35.23 | -54.24 | 10.88 | 2.01 | -45.37 | -25.00 | 20.37 |
| 7605.000 | V | 34.63 | -55.56 | 10.88 | 2.01 | -46.69 | -25.00 | 21.69 |
| QPSK, Frequency: 2567.5 MHz | | | | | | | | |
| 72.69 | H | 30.48 | -74.91 | -3.66 | 0.16 | -78.73 | -25.00 | 53.73 |
| 43.20 | V | 39.51 | -54.46 | -22.18 | 0.12 | -76.76 | -25.00 | 51.76 |
| 5135.000 | H | 42.48 | -51.12 | 11.28 | 1.47 | -41.31 | -25.00 | 16.31 |
| 5135.000 | V | 38.85 | -54.64 | 11.28 | 1.47 | -44.83 | -25.00 | 19.83 |
| 7702.500 | H | 36.01 | -53.51 | 10.86 | 1.97 | -44.62 | -25.00 | 19.62 |
| 7702.500 | V | 35.47 | -54.71 | 10.86 | 1.97 | -45.82 | -25.00 | 20.82 |

LTE Band 38 (30MHz-26.5GHz):

| Frequency (MHz) | Polar (H/V) | Receiver Reading (dBμV) | Substituted Method | | | Absolute Level (dBm) | Limit (dBm) | Margin (dB) |
|-----------------------------|-------------|-------------------------|-------------------------|------------------------|-----------------|----------------------|-------------|-------------|
| | | | Substituted Level (dBm) | Antenna Gain (dBd/dBi) | Cable Loss (dB) | | | |
| QPSK, Frequency: 2572.5MHz | | | | | | | | |
| 72.55 | H | 30.13 | -75.18 | -3.73 | 0.16 | -79.07 | -25.00 | 54.07 |
| 43.05 | V | 39.49 | -54.28 | -22.37 | 0.12 | -76.77 | -25.00 | 51.77 |
| 5145.000 | H | 40.43 | -53.25 | 11.29 | 1.44 | -43.40 | -25.00 | 18.40 |
| 5145.000 | V | 37.99 | -55.58 | 11.29 | 1.44 | -45.73 | -25.00 | 20.73 |
| 7717.500 | H | 35.47 | -54.04 | 10.86 | 1.99 | -45.17 | -25.00 | 20.17 |
| 7717.500 | V | 36.03 | -54.10 | 10.86 | 1.99 | -45.23 | -25.00 | 20.23 |
| QPSK, Frequency:2595 MHz | | | | | | | | |
| 315.81 | H | 30.74 | -79.74 | 0.00 | 0.34 | -80.08 | -25.00 | 55.08 |
| 42.60 | V | 38.83 | -54.36 | -22.97 | 0.12 | -77.45 | -25.00 | 52.45 |
| 5190.000 | H | 39.99 | -54.08 | 11.31 | 1.44 | -44.21 | -25.00 | 19.21 |
| 5190.000 | V | 36.57 | -57.35 | 11.31 | 1.44 | -47.48 | -25.00 | 22.48 |
| 7785.000 | H | 35.12 | -54.37 | 10.84 | 1.99 | -45.52 | -25.00 | 20.52 |
| 7785.000 | V | 35.38 | -54.54 | 10.84 | 1.99 | -45.69 | -25.00 | 20.69 |
| QPSK, Frequency: 2617.5 MHz | | | | | | | | |
| 72.80 | H | 29.82 | -75.64 | -3.60 | 0.16 | -79.40 | -25.00 | 54.40 |
| 43.20 | V | 38.31 | -55.66 | -22.18 | 0.12 | -77.96 | -25.00 | 52.96 |
| 5235.000 | H | 40.16 | -53.74 | 11.34 | 1.46 | -43.86 | -25.00 | 18.86 |
| 5235.000 | V | 36.95 | -56.76 | 11.34 | 1.46 | -46.88 | -25.00 | 21.88 |
| 7852.500 | H | 35.17 | -54.02 | 10.83 | 2.03 | -45.22 | -25.00 | 20.22 |
| 7852.500 | V | 36.11 | -53.47 | 10.83 | 2.03 | -44.67 | -25.00 | 19.67 |

LTE Band 41 (30MHz-26.5GHz):

| Frequency (MHz) | Polar (H/V) | Receiver Reading (dBμV) | Substituted Method | | | Absolute Level (dBm) | Limit (dBm) | Margin (dB) |
|-----------------------------|-------------|-------------------------|-------------------------|------------------------|-----------------|----------------------|-------------|-------------|
| | | | Substituted Level (dBm) | Antenna Gain (dBd/dBi) | Cable Loss (dB) | | | |
| QPSK, Frequency: 2537.5 MHz | | | | | | | | |
| 230.84 | H | 30.40 | -81.88 | 0.00 | 0.29 | -82.17 | -25.00 | 57.17 |
| 43.20 | V | 38.89 | -55.08 | -22.18 | 0.12 | -77.38 | -25.00 | 52.38 |
| 5075.000 | H | 40.01 | -53.20 | 11.25 | 1.48 | -43.43 | -25.00 | 18.43 |
| 5075.000 | V | 36.12 | -56.99 | 11.25 | 1.48 | -47.22 | -25.00 | 22.22 |
| 7612.500 | H | 34.56 | -54.92 | 10.88 | 2.02 | -46.06 | -25.00 | 21.06 |
| 7612.500 | V | 35.24 | -54.95 | 10.88 | 2.02 | -46.09 | -25.00 | 21.09 |
| QPSK, Frequency:2595 MHz | | | | | | | | |
| 235.28 | H | 29.84 | -82.35 | 0.00 | 0.29 | -82.64 | -25.00 | 57.64 |
| 44.58 | V | 38.15 | -57.61 | -20.35 | 0.12 | -78.08 | -25.00 | 53.08 |
| 5190.000 | H | 40.18 | -53.89 | 11.31 | 1.44 | -44.02 | -25.00 | 19.02 |
| 5190.000 | V | 36.47 | -57.45 | 11.31 | 1.44 | -47.58 | -25.00 | 22.58 |
| 7785.000 | H | 35.13 | -54.36 | 10.84 | 1.99 | -45.51 | -25.00 | 20.51 |
| 7785.000 | V | 34.78 | -55.14 | 10.84 | 1.99 | -46.29 | -25.00 | 21.29 |
| QPSK, Frequency: 2652.5 MHz | | | | | | | | |
| 76.47 | H | 30.14 | -77.52 | -1.77 | 0.16 | -79.45 | -25.00 | 54.45 |
| 44.58 | V | 37.98 | -57.78 | -20.35 | 0.12 | -78.25 | -25.00 | 53.25 |
| 5305.000 | H | 39.59 | -53.85 | 11.38 | 1.46 | -43.93 | -25.00 | 18.93 |
| 5305.000 | V | 35.46 | -57.72 | 11.38 | 1.46 | -47.80 | -25.00 | 22.80 |
| 7957.500 | H | 34.58 | -53.84 | 10.81 | 2.09 | -45.12 | -25.00 | 20.12 |
| 7957.500 | V | 35.64 | -53.23 | 10.81 | 2.09 | -44.51 | -25.00 | 19.51 |

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 =====