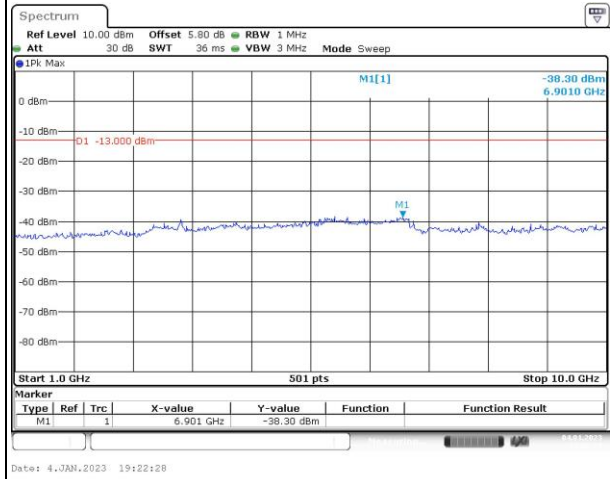
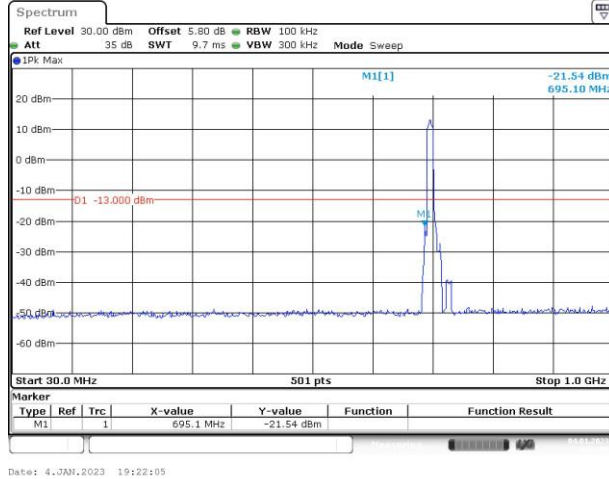


Spurious Emissions at Antenna Terminal

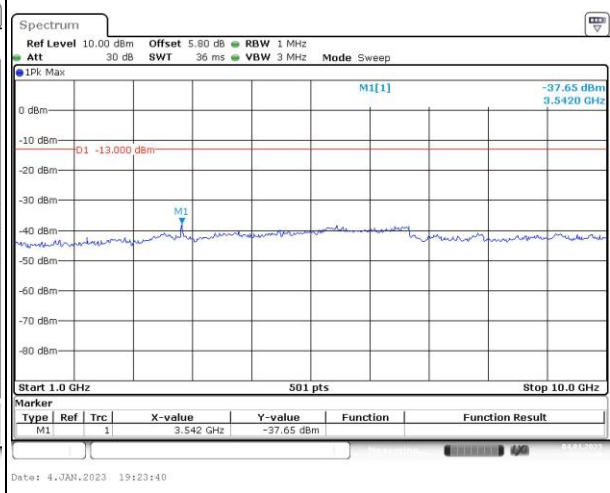
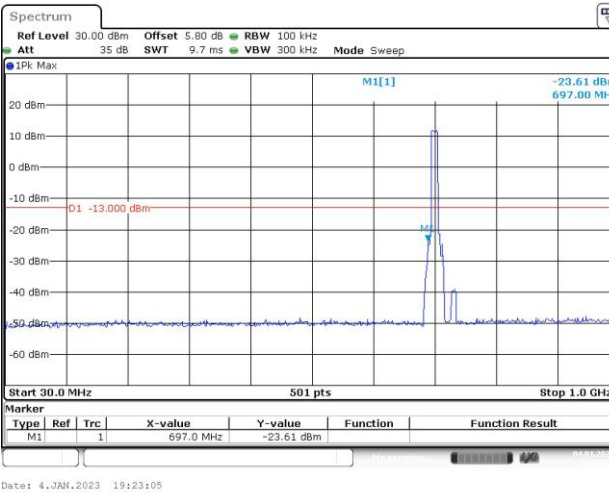
Channel

10MHz Bandwidth QPSK

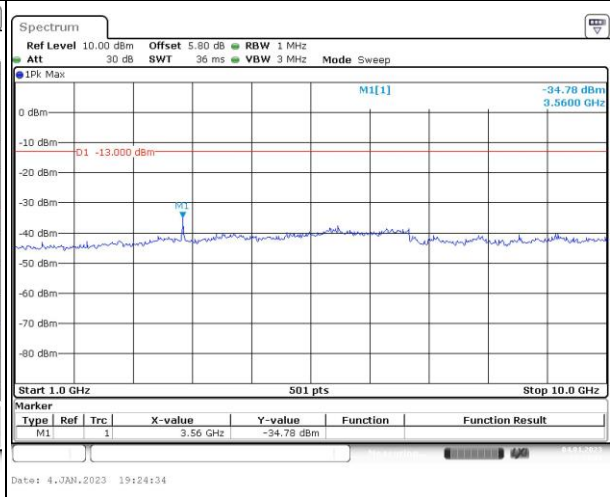
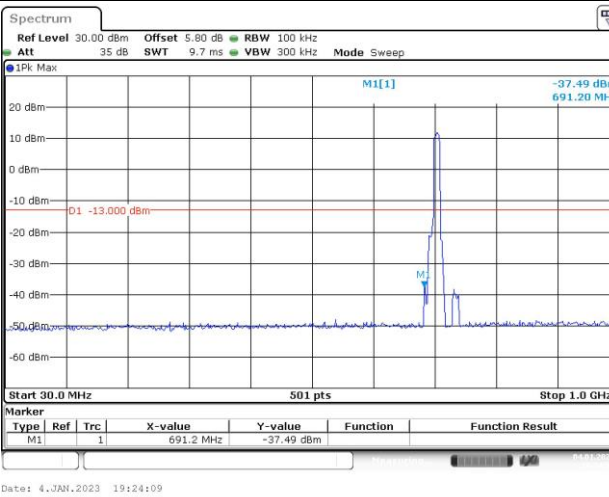
Lowest



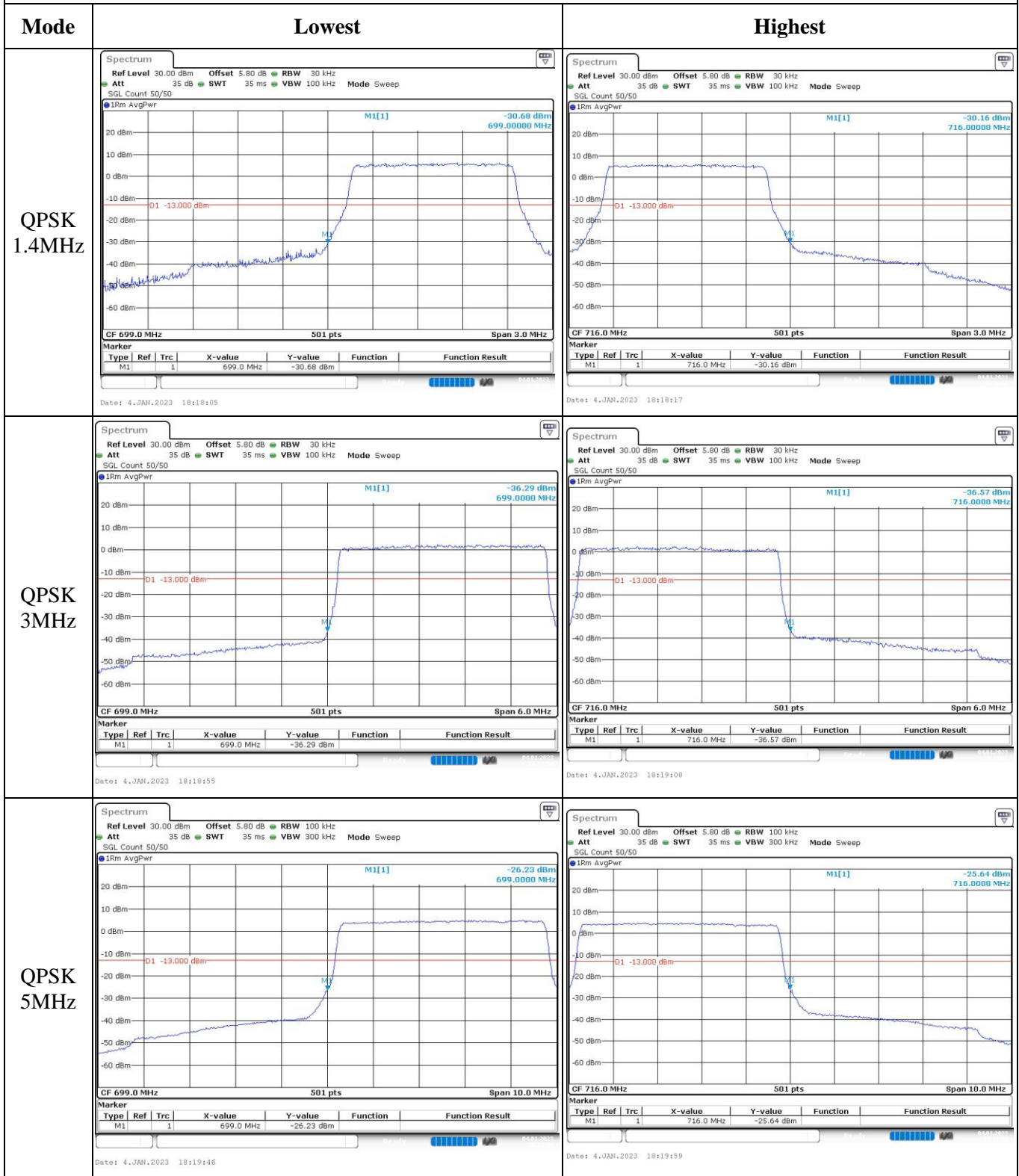
Middle



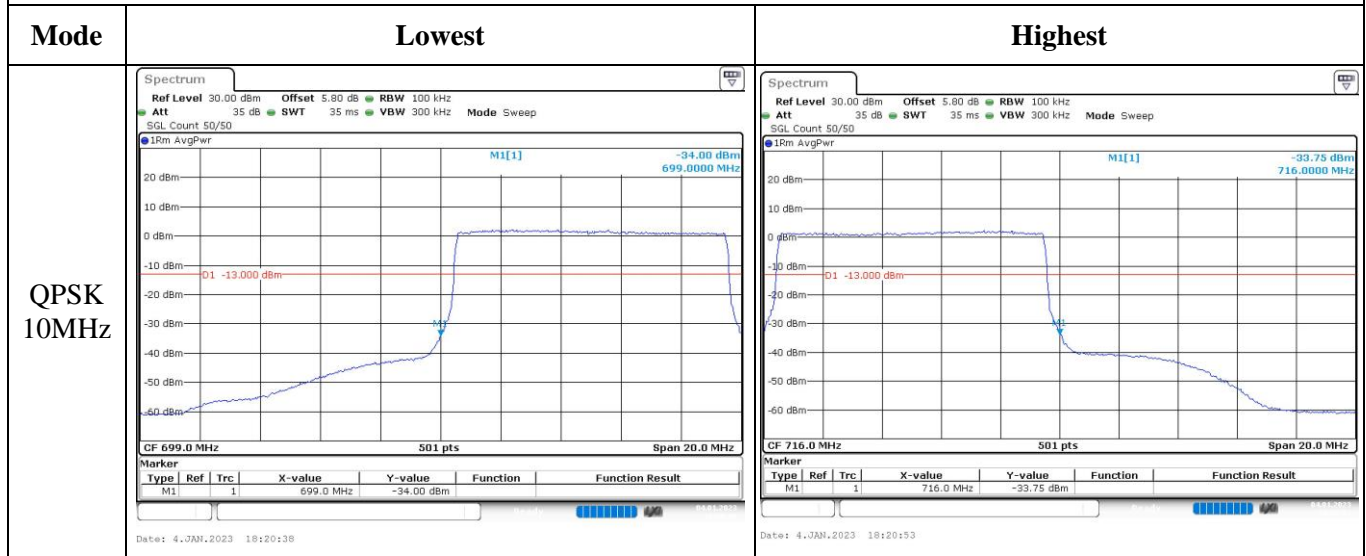
Highest



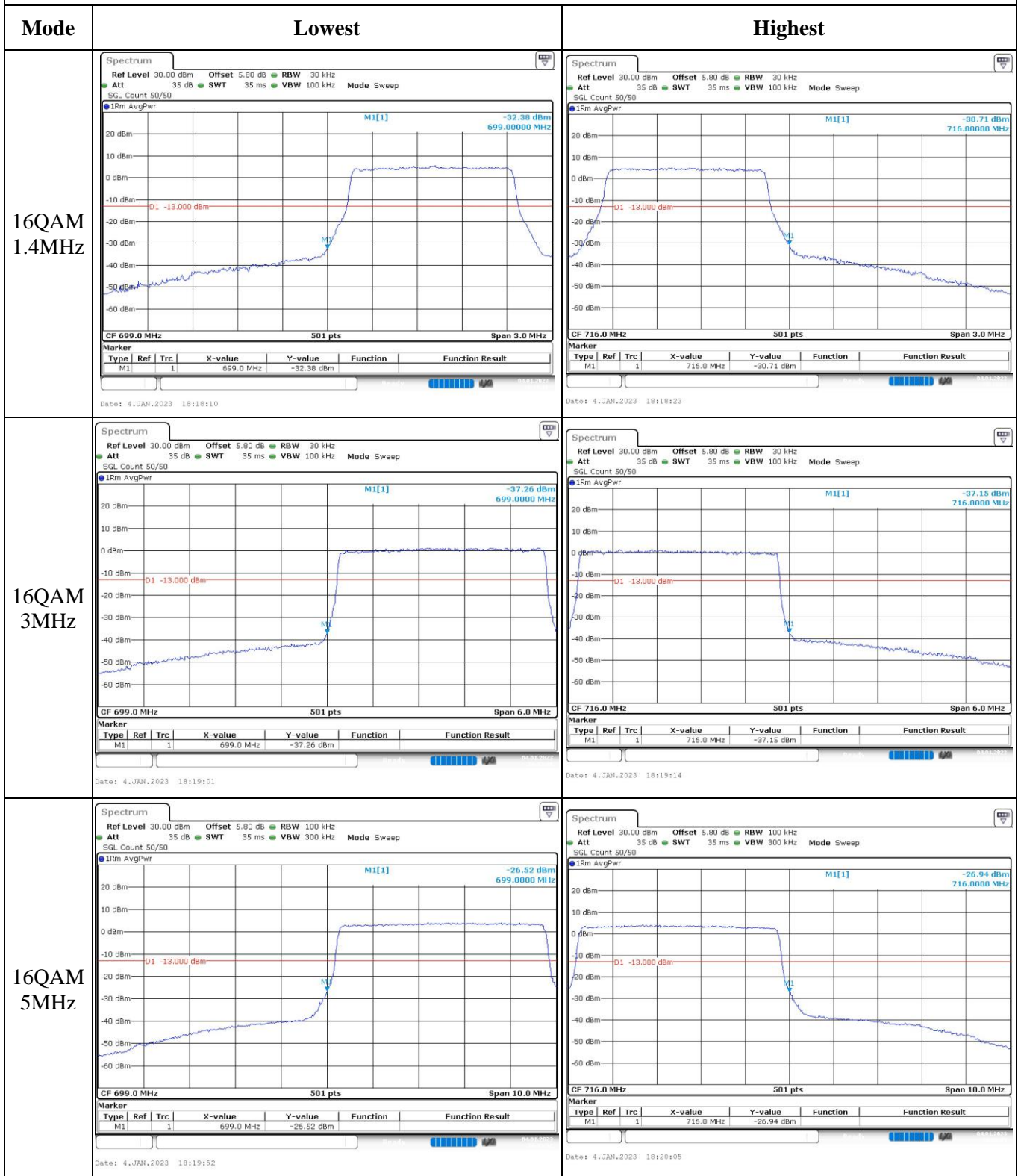
Out of band emission, Band Edge



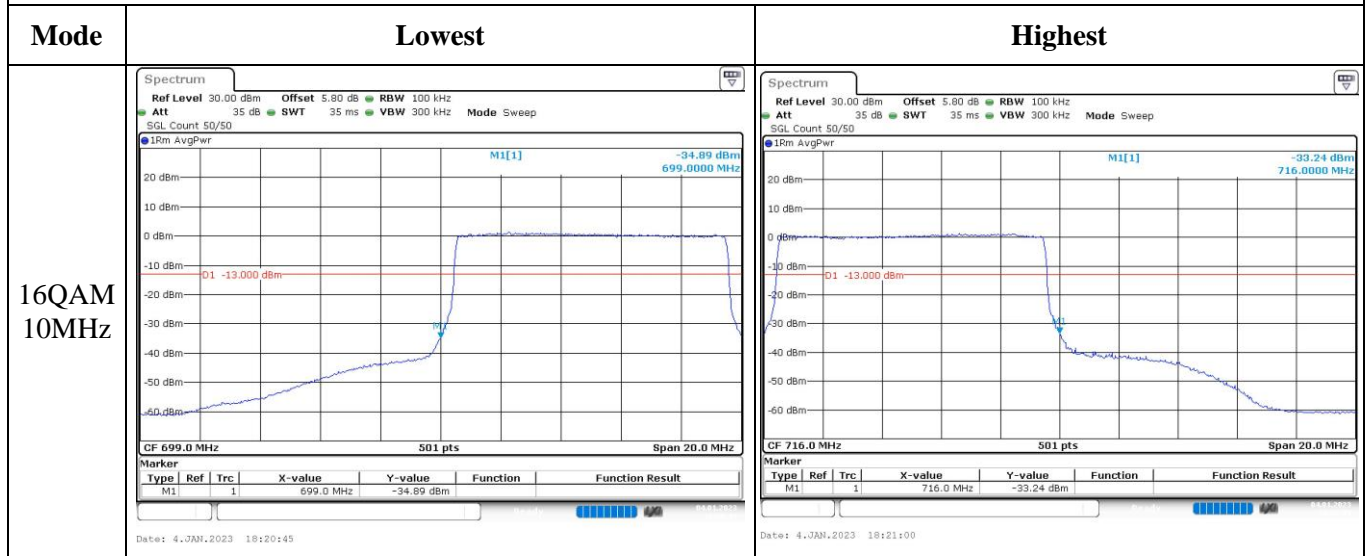
Out of band emission, Band Edge



Out of band emission, Band Edge



Out of band emission, Band Edge



4.9 Antenna Port Test Data and Results for LTE Band 41

| | | | |
|----------------|-------------|--------------|--------------------|
| Serial Number: | 1X1D | Test Date: | 2023/1/4~2023/1/12 |
| Test Site: | RF | Test Mode: | Transmitting |
| Tester: | George Chen | Test Result: | Pass |

Environmental Conditions:

| | | | | | |
|----------------------|-----------|---------------------------|-------|------------------------|-------------|
| Temperature: (°C) | 21.3~24.8 | Relative Humidity: (%) | 38~55 | ATM Pressure: (kPa) | 101.1~101.9 |
|----------------------|-----------|---------------------------|-------|------------------------|-------------|

Test Equipment List and Details:

| Manufacturer | Description | Model | Serial Number | Calibration Date | Calibration Due Date |
|---------------|-------------------------------------|------------|-----------------|------------------|----------------------|
| R&S | Spectrum Analyzer | FSV40 | 101474 | 2022/7/15 | 2023/7/14 |
| zhuoxiang | Coaxial Cable | SMA-178 | 211001 | Each time | N/A |
| YINSAIGE | Coaxial Cable | SS402 | SJ0100001 | Each time | N/A |
| Mini-Circuits | DC Block | BLK-18-S+ | 1554403 | Each time | N/A |
| Weinschel | Power Splitter | 1515 | RA914 | Each time | N/A |
| R&S | Wideband Radio Communication Tester | CMW500 | 149218 | 2022/4/6 | 2023/4/5 |
| BACL | TEMP&HUMI Test Chamber | BTH-150-40 | 30174 | 2022/9/29 | 2023/9/28 |
| UNI-T | Multimeter | UT39A+ | C210582554 | N/A | N/A |
| ZHAOXIN | DC Power Supply | RXN-6010D | 21R6010D0912386 | 2022/7/15 | 2023/7/14 |

* 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 Frequency For Each Mode:

| Operation Bandwidth | Lowest Frequency (MHz) | Middle Frequency (MHz) | Highest Frequency (MHz) |
|---------------------|------------------------|------------------------|-------------------------|
| 5MHz | 2537.5 | 2595 | 2652.5 |
| 10MHz | 2540 | 2595 | 2650 |
| 15MHz | 2542.5 | 2595 | 2647.5 |
| 20MHz | 2545 | 2595 | 2645 |

Test Data:

| FCC §2.1046; § 27.50(h)(2) | | | | | | |
|-----------------------------------|----------------------------|-------------------------------------|----------------|-----------------|--------------------|------------------|
| RF Output Power: | | | | | | |
| Test Bandwidth & Modulation | Resource Block & RB offset | Conducted Average Output Power(dBm) | | | Maximum EIRP (dBm) | EIRP Limit (dBm) |
| | | Lowest Channel | Middle Channel | Highest Channel | | |
| 5MHz QPSK | RB1#0 | 19.09 | 21.34 | 21.81 | 23.26 | 33 |
| | RB1#13 | 20.21 | 21.51 | 21.91 | | |
| | RB1#24 | 20.1 | 21.42 | 21.78 | | |
| | RB15#0 | 19.18 | 20.44 | 20.91 | | |
| | RB15#10 | 19.23 | 20.48 | 20.87 | | |
| | RB25#0 | 19.2 | 20.5 | 20.9 | | |
| 5MHz 16QAM | RB1#0 | 19.15 | 20.45 | 21.12 | 22.56 | 33 |
| | RB1#13 | 19.19 | 20.61 | 21.21 | | |
| | RB1#24 | 19.16 | 20.54 | 21.07 | | |
| | RB15#0 | 18.13 | 19.52 | 19.97 | | |
| | RB15#10 | 18.23 | 19.55 | 19.91 | | |
| | RB25#0 | 18.28 | 19.56 | 19.89 | | |
| 10MHz QPSK | RB1#0 | 20.19 | 21.43 | 21.91 | 23.5 | 33 |
| | RB1#25 | 20.5 | 21.83 | 22.15 | | |
| | RB1#49 | 20.28 | 21.6 | 21.82 | | |
| | RB25#0 | 19.2 | 20.5 | 20.98 | | |
| | RB25#25 | 19.33 | 20.63 | 20.93 | | |
| | RB50#0 | 19.28 | 20.55 | 20.97 | | |
| 10MHz 16QAM | RB1#0 | 19.15 | 20.6 | 21.19 | 22.76 | 33 |
| | RB1#25 | 19.45 | 20.98 | 21.41 | | |
| | RB1#49 | 19.26 | 20.75 | 21.12 | | |
| | RB25#0 | 18.29 | 19.56 | 19.99 | | |
| | RB25#25 | 18.41 | 19.66 | 19.92 | | |
| | RB50#0 | 18.34 | 19.62 | 19.94 | | |
| 15MHz QPSK | RB1#0 | 20.17 | 21.35 | 21.9 | 23.29 | 33 |
| | RB1#38 | 20.3 | 21.54 | 21.94 | | |
| | RB1#74 | 20.27 | 21.51 | 21.76 | | |
| | RB36#0 | 19.25 | 20.45 | 21 | | |
| | RB36#39 | 19.39 | 20.59 | 20.95 | | |
| | RB75#0 | 19.33 | 20.51 | 20.99 | | |
| 15MHz 16QAM | RB1#0 | 19.13 | 20.59 | 21.16 | 22.51 | 33 |
| | RB1#38 | 19.27 | 20.81 | 21.15 | | |
| | RB1#74 | 19.23 | 20.78 | 20.97 | | |
| | RB36#0 | 18.2 | 19.51 | 19.96 | | |
| | RB36#39 | 18.35 | 19.67 | 19.91 | | |
| | RB75#0 | 18.3 | 19.54 | 19.92 | | |
| 20MHz QPSK | RB1#0 | 19.95 | 21.21 | 21.77 | 23.54 | 33 |
| | RB1#50 | 20.52 | 21.84 | 22.19 | | |

| | | | | | | |
|--|---------|-------|-------|-------|----------------|-------------|
| | RB1#99 | 20.18 | 21.46 | 21.61 | | |
| | RB50#0 | 19.19 | 20.4 | 20.99 | | |
| | RB50#50 | 19.4 | 20.62 | 20.83 | | |
| | RB100#0 | 19.3 | 20.49 | 20.91 | | |
| 20MHz 16QAM | RB1#0 | 19 | 20.44 | 20.9 | 22.65 | 33 |
| | RB1#50 | 19.58 | 21.1 | 21.3 | | |
| | RB1#99 | 19.22 | 20.77 | 20.72 | | |
| | RB50#0 | 18.28 | 19.44 | 20.02 | | |
| | RB50#50 | 18.53 | 19.65 | 19.85 | | |
| | RB100#0 | 18.35 | 19.55 | 19.95 | | |
| Note: EIRP=Conducted Power(dBm) - Lc(dB) + Gr(dBi) | | | | | | |
| | | | | | Result: | Pass |

| Peak-to-average Ratio(PAR) | | | | | |
|-----------------------------|----------------------------|---------------------------|----------------|-----------------|-------------|
| Test Bandwidth & Modulation | Resource Block & RB offset | Peak-to-average Ratio(dB) | | | Limit (dB) |
| | | Lowest Channel | Middle Channel | Highest Channel | |
| 20MHz QPSK | RB1#0 | 9.16 | 9.74 | 9.62 | 13 |
| | RB100#0 | 9.48 | 9.65 | 9.13 | 13 |
| 20MHz 16QAM | RB1#0 | 10.14 | 10.64 | 10.38 | 13 |
| | RB100#0 | 10.29 | 10.49 | 10.32 | 13 |
| Result: | | | | | Pass |

| FCC §2.1049, §27.53:Occupied Bandwidth | | | | | | |
|--|------------------------------|----------------|--------------|--------------------------------|----------------|--------------|
| Operation Mode | 99% Occupied Bandwidth (MHz) | | | 26 dB Occupied Bandwidth (MHz) | | |
| | Low Channel | Middle channel | High Channel | Low Channel | Middle Channel | High Channel |
| 5MHz QPSK | 4.491 | 4.491 | 4.511 | 5.08 | 4.98 | 5.04 |
| 5MHz 16QAM | 4.511 | 4.511 | 4.491 | 4.92 | 5.08 | 4.9 |
| 10MHz QPSK | 8.942 | 8.942 | 8.982 | 9.68 | 9.8 | 9.64 |
| 10MHz 16QAM | 8.942 | 8.982 | 8.942 | 9.48 | 10.28 | 9.56 |
| 15MHz QPSK | 13.473 | 13.473 | 13.473 | 15.36 | 15.66 | 15.24 |
| 15MHz 16QAM | 13.593 | 13.593 | 13.533 | 15.54 | 15.96 | 15.72 |
| 20MHz QPSK | 17.964 | 17.964 | 17.964 | 19.68 | 19.68 | 19.52 |
| 20MHz 16QAM | 17.964 | 17.964 | 17.964 | 20.48 | 19.36 | 19.68 |
| Note: The test plots please refer to the Plots of Occupied Bandwidth | | | | | | |

| Spurious Emissions at Antenna Terminal | |
|--|--|
| Result: | Pass, Please refer to the test plots of Spurious Emissions at Antenna Terminal. |

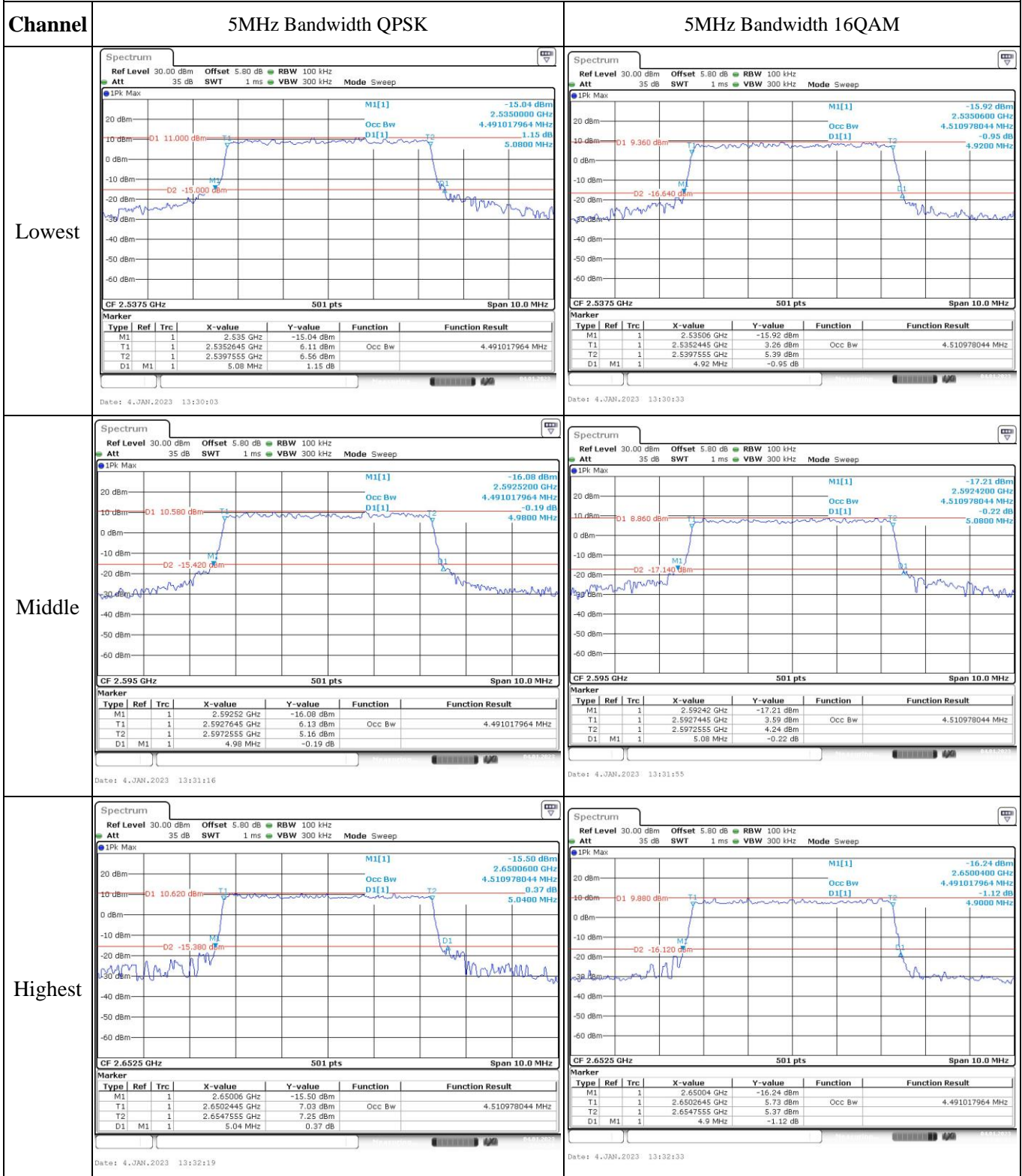
| Out of band emission, Band Edge | |
|---------------------------------|---|
| Result: | Pass, Please refer to the test plots of Out of band emission, Band Edge. |

| Frequency Stability | | | | | | |
|-------------------------------------|------------------|--|------------------|---------|------------------|-------------|
| Test Mode: | 20M QPSK | Test Channel: Lowest for Lower Edge,Highest for Upper Edge | | | | |
| Test Item | Temperature (°C) | Voltage (V _{DC}) | Lower Edge (MHz) | | Upper Edge (MHz) | |
| | | | Result | Limit | Result | Limit |
| Frequency Stability vs. Temperature | -30 | 3.85 | 2535.4089 | 2535.00 | 2654.6086 | 2655 |
| | -20 | 3.85 | 2535.4014 | 2535.00 | 2654.6075 | 2655 |
| | -10 | 3.85 | 2535.4052 | 2535.00 | 2654.6023 | 2655 |
| | 0 | 3.85 | 2535.4003 | 2535.00 | 2654.6018 | 2655 |
| | 10 | 3.85 | 2535.4000 | 2535.00 | 2654.6014 | 2655 |
| | 20 | 3.85 | 2535.4058 | 2535.00 | 2654.6022 | 2655 |
| | 30 | 3.85 | 2535.4003 | 2535.00 | 2654.6047 | 2655 |
| | 40 | 3.85 | 2535.4049 | 2535.00 | 2654.6072 | 2655 |
| | 50 | 3.85 | 2535.4073 | 2535.00 | 2654.6042 | 2655 |
| Frequency Stability vs. Voltage | 20 | 3.45 | 2535.4089 | 2535.00 | 2654.6037 | 2655 |
| | 20 | 4.4 | 2535.4031 | 2535.00 | 2654.6056 | 2655 |
| | | | | | Result: | Pass |

| Test Mode: | 20M 16QAM | Test Channel: Lowest for Lower Edge,Highest for Upper Edge | | | | |
|-------------------------------------|------------------|--|------------------|---------|------------------|-------------|
| Test Item | Temperature (°C) | Voltage (V _{DC}) | Lower Edge (MHz) | | Upper Edge (MHz) | |
| | | | Result | Limit | Result | Limit |
| Frequency Stability vs. Temperature | -30 | 3.85 | 2535.4061 | 2535.00 | 2654.6073 | 2655 |
| | -20 | 3.85 | 2535.4006 | 2535.00 | 2654.6059 | 2655 |
| | -10 | 3.85 | 2535.4086 | 2535.00 | 2654.6029 | 2655 |
| | 0 | 3.85 | 2535.4004 | 2535.00 | 2654.6100 | 2655 |
| | 10 | 3.85 | 2535.4089 | 2535.00 | 2654.6069 | 2655 |
| | 20 | 3.85 | 2535.4058 | 2535.00 | 2654.6022 | 2655 |
| | 30 | 3.85 | 2535.4040 | 2535.00 | 2654.6079 | 2655 |
| | 40 | 3.85 | 2535.4070 | 2535.00 | 2654.6075 | 2655 |
| | 50 | 3.85 | 2535.4075 | 2535.00 | 2654.6083 | 2655 |
| Frequency Stability vs. Voltage | 20 | 3.45 | 2535.4052 | 2535.00 | 2654.6020 | 2655 |
| | 20 | 4.4 | 2535.4066 | 2535.00 | 2654.6000 | 2655 |
| | | | | | Result: | Pass |

Test Plots:

Occupied Bandwidth



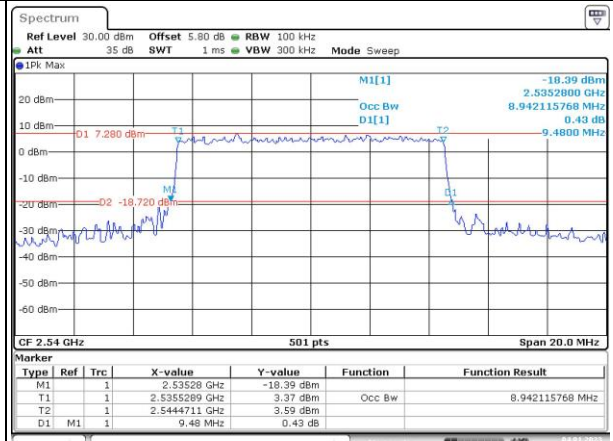
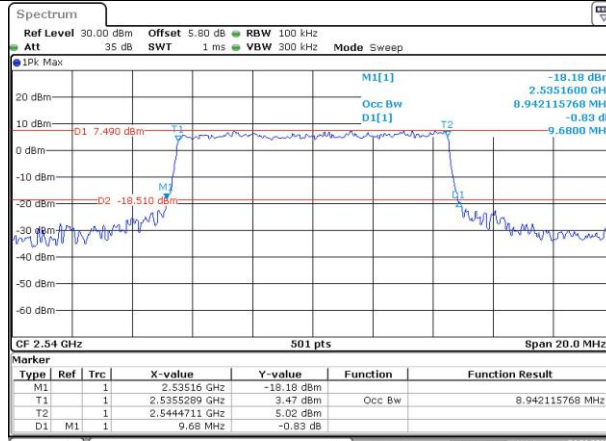
Occupied Bandwidth

Channel

10MHz Bandwidth QPSK

10MHz Bandwidth 16QAM

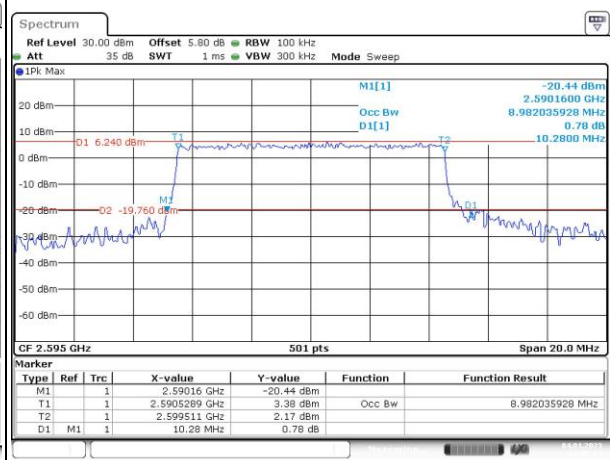
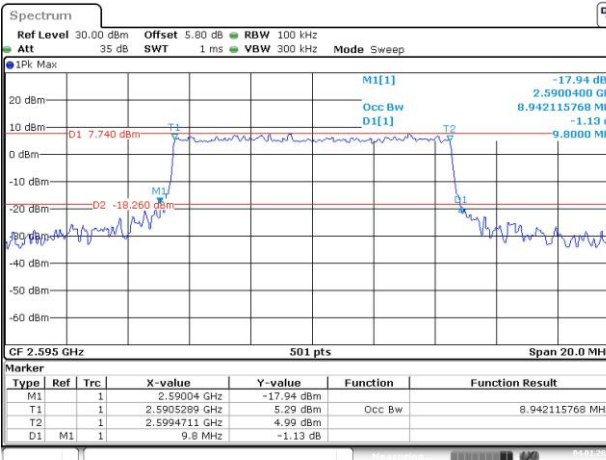
Lowest



Date: 4.JAN.2023 13:33:13

Date: 4.JAN.2023 13:33:43

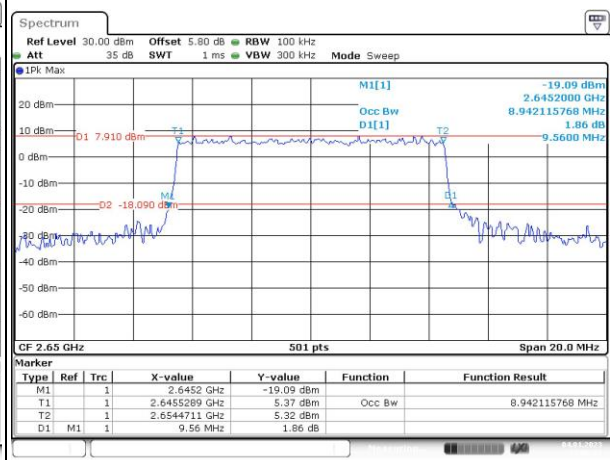
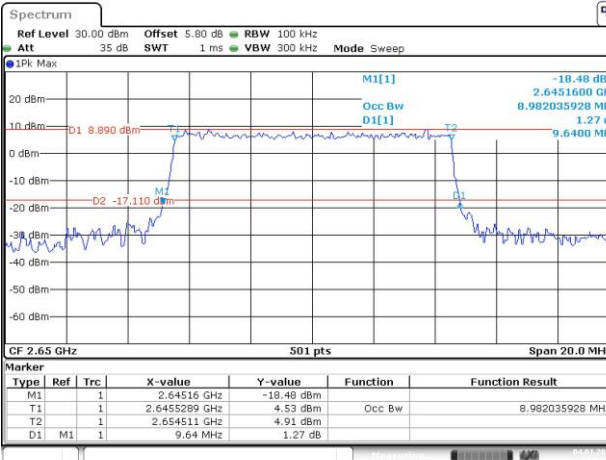
Middle



Date: 4.JAN.2023 13:34:38

Date: 4.JAN.2023 13:35:11

Highest



Date: 4.JAN.2023 13:35:42

Date: 4.JAN.2023 13:36:22

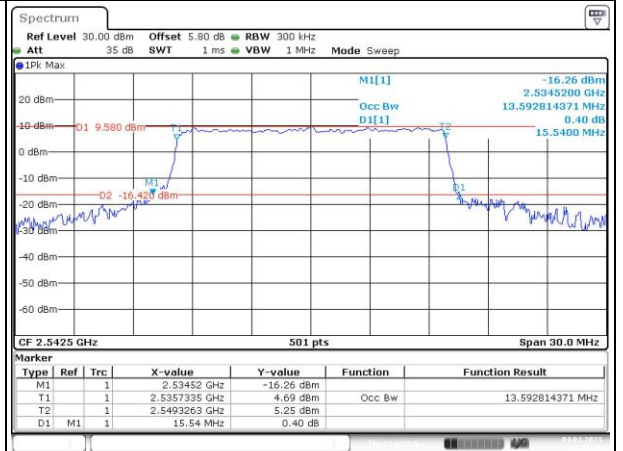
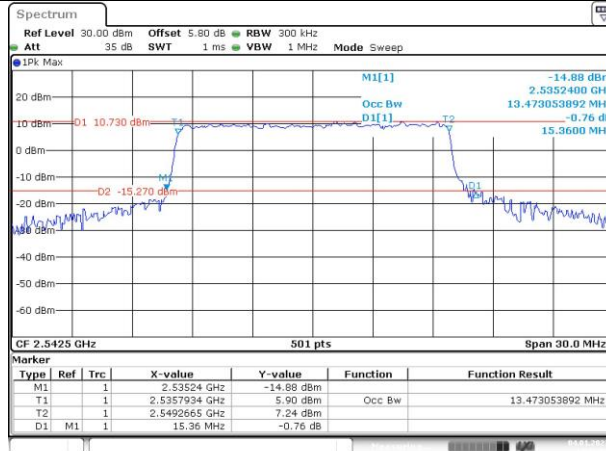
Occupied Bandwidth

Channel

15MHz Bandwidth QPSK

15MHz Bandwidth 16QAM

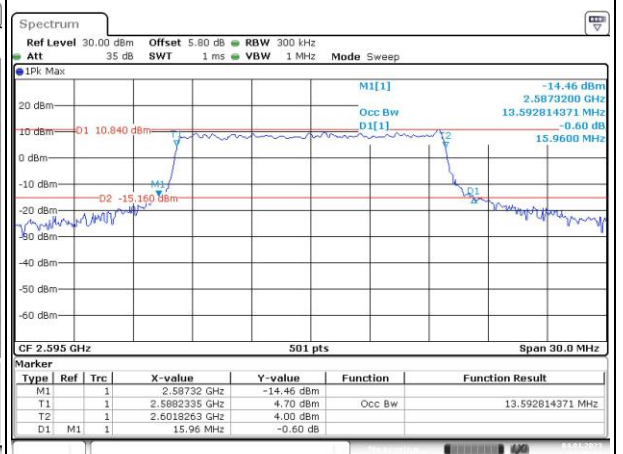
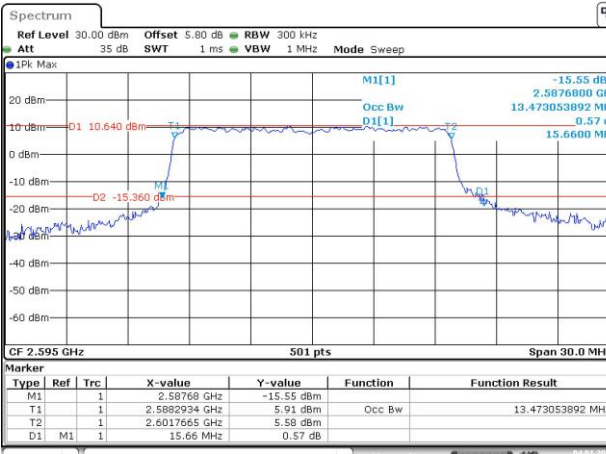
Lowest



Date: 4.JAN.2023 13:37:04

Date: 4.JAN.2023 13:37:47

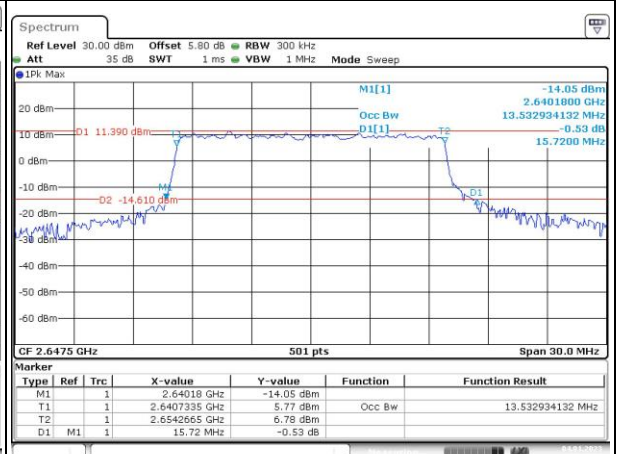
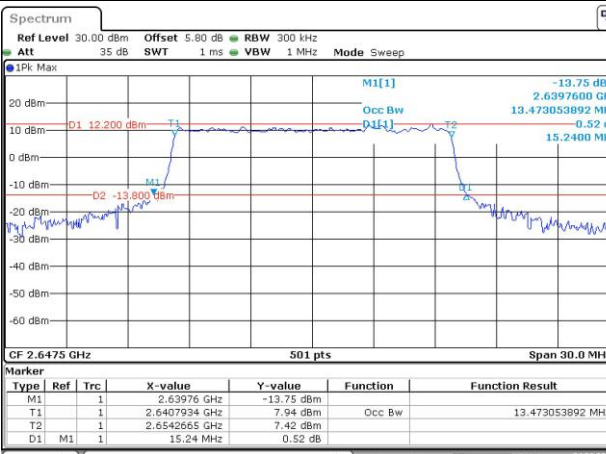
Middle



Date: 4.JAN.2023 13:38:27

Date: 4.JAN.2023 13:39:09

Highest



Date: 4.JAN.2023 13:39:52

Date: 4.JAN.2023 13:40:34

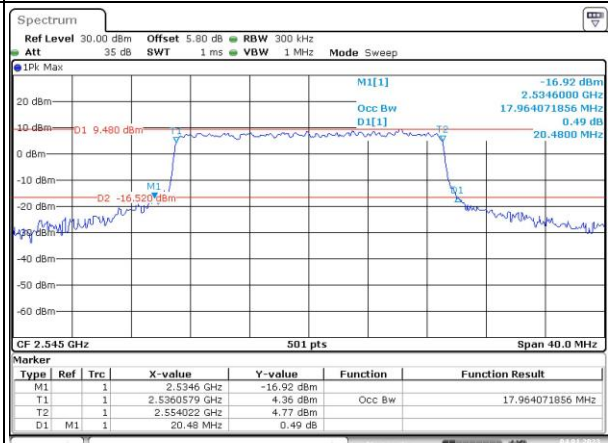
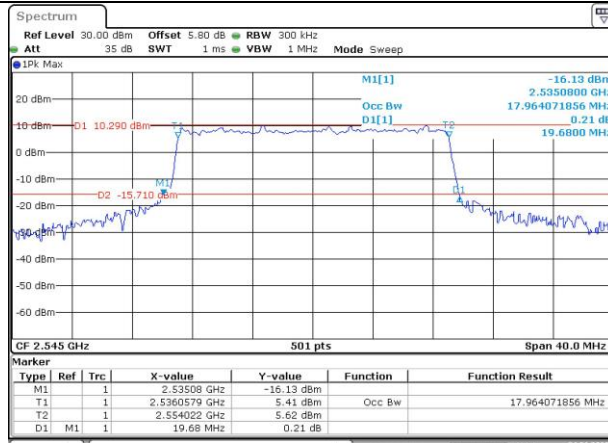
Occupied Bandwidth

Channel

20MHz Bandwidth QPSK

20MHz Bandwidth 16QAM

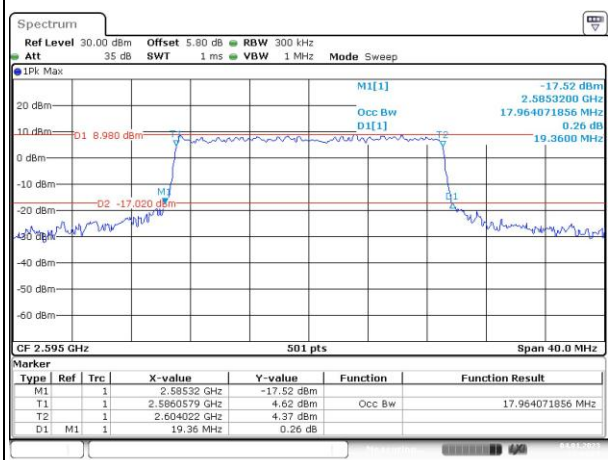
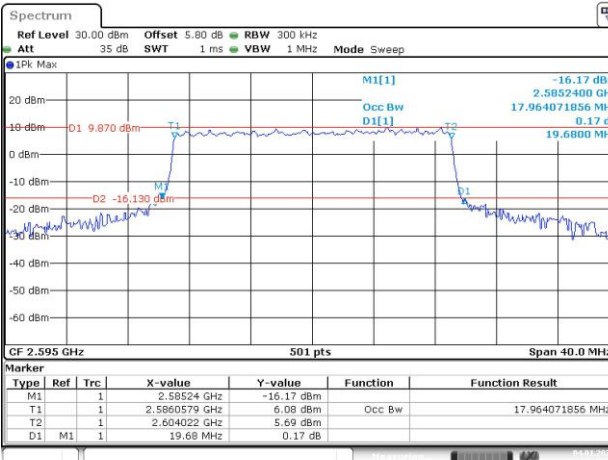
Lowest



Date: 4.JAN.2023 13:41:17

Date: 4.JAN.2023 13:42:00

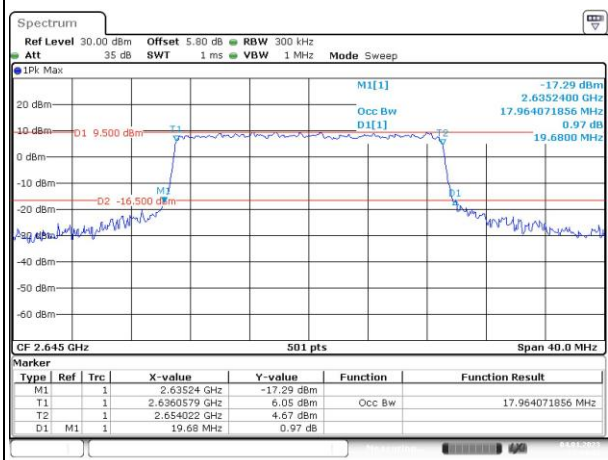
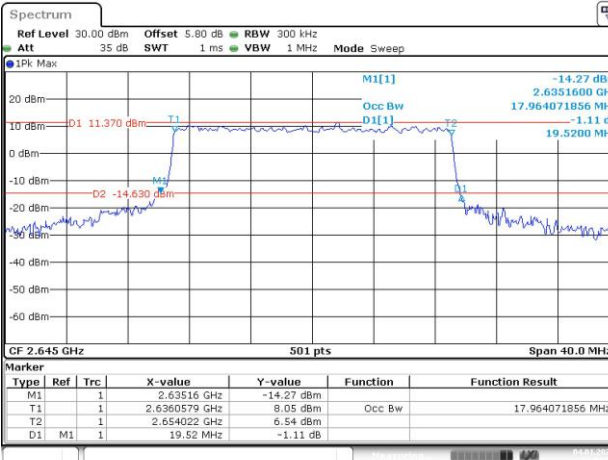
Middle



Date: 4.JAN.2023 13:42:46

Date: 4.JAN.2023 13:43:26

Highest



Date: 4.JAN.2023 13:44:06

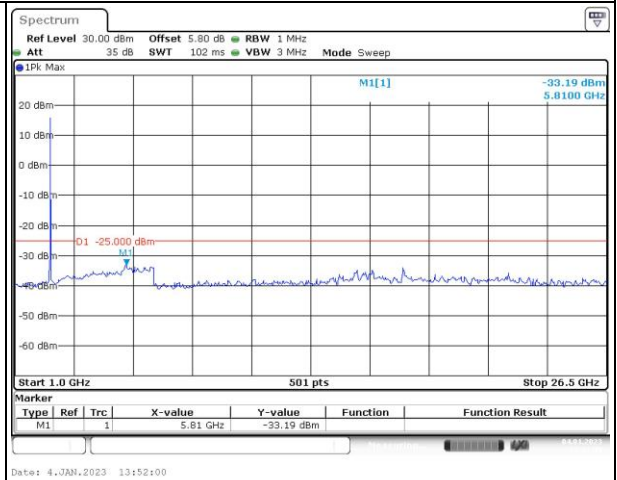
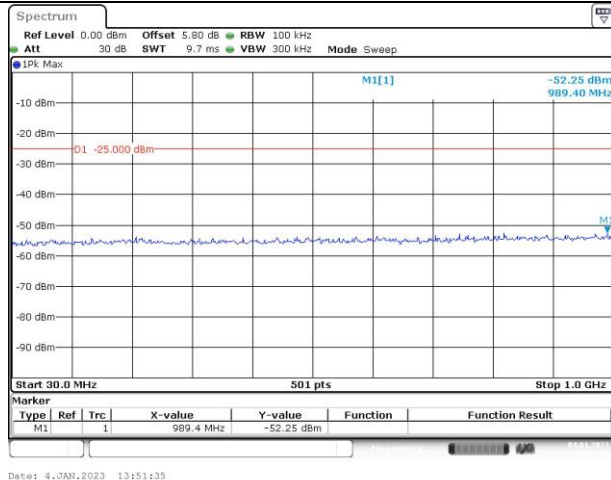
Date: 4.JAN.2023 13:44:43

Spurious Emissions at Antenna Terminal

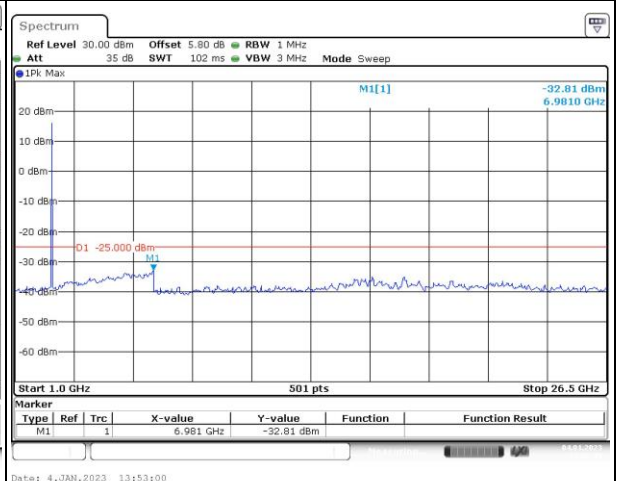
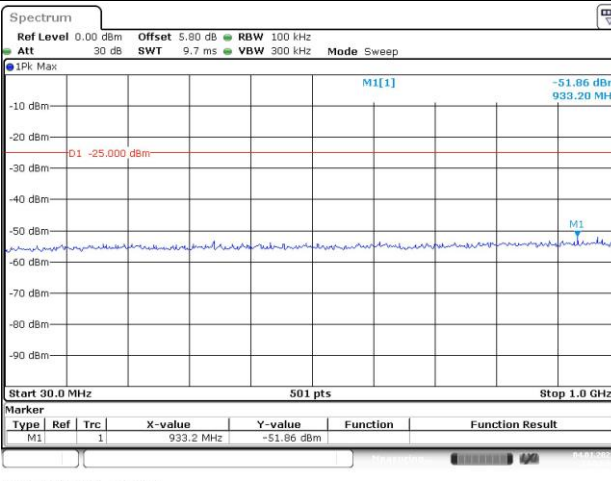
Channel

5MHz Bandwidth QPSK

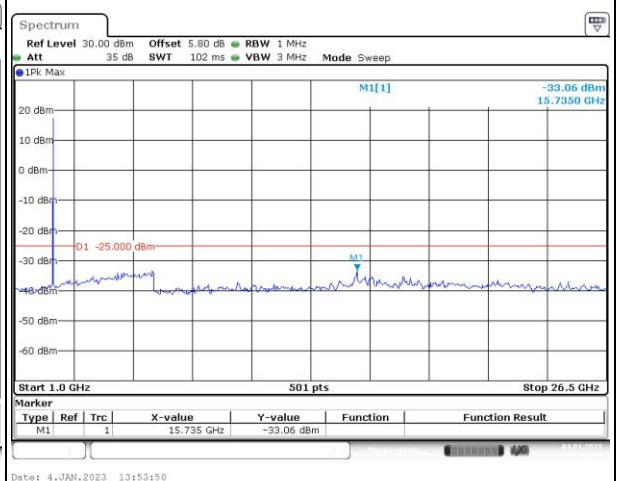
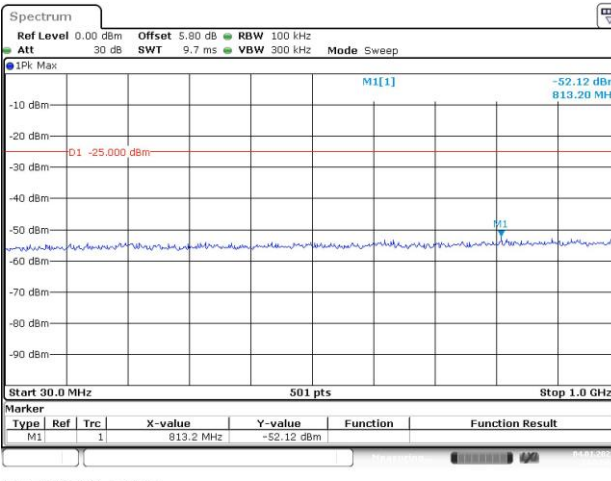
Lowest



Middle



Highest

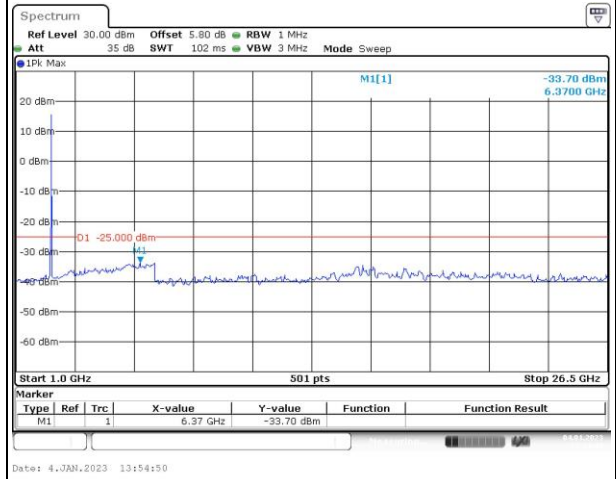
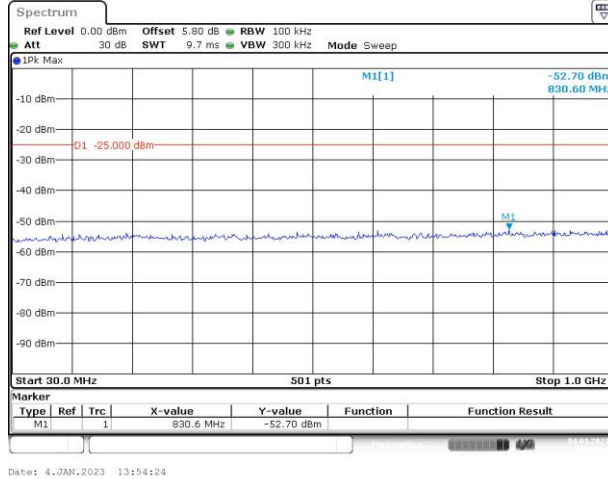


Spurious Emissions at Antenna Terminal

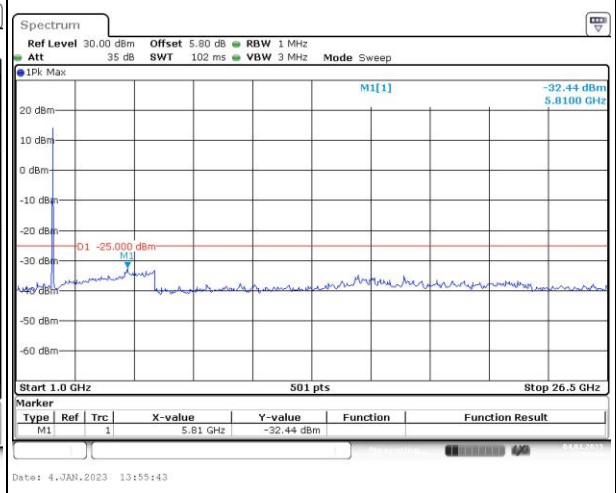
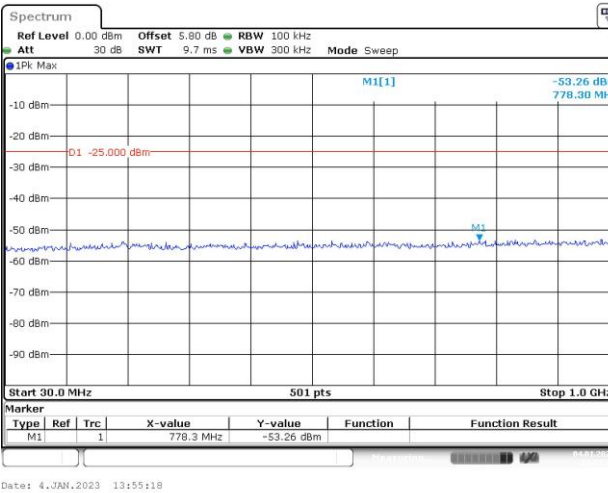
Channel

10MHz Bandwidth QPSK

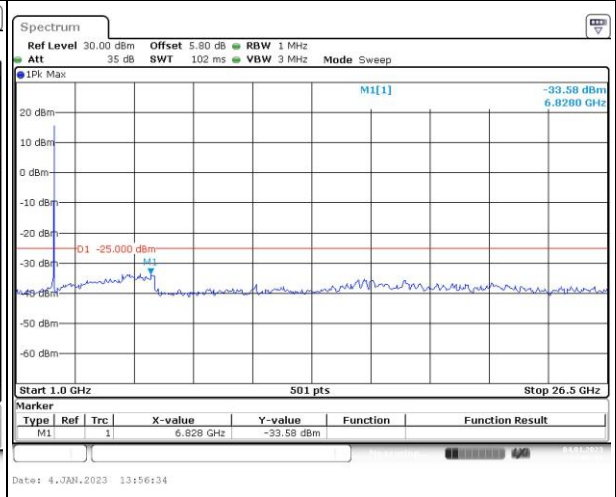
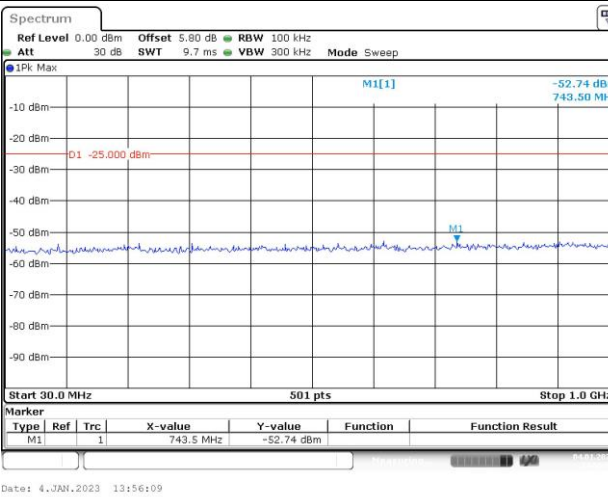
Lowest



Middle



Highest

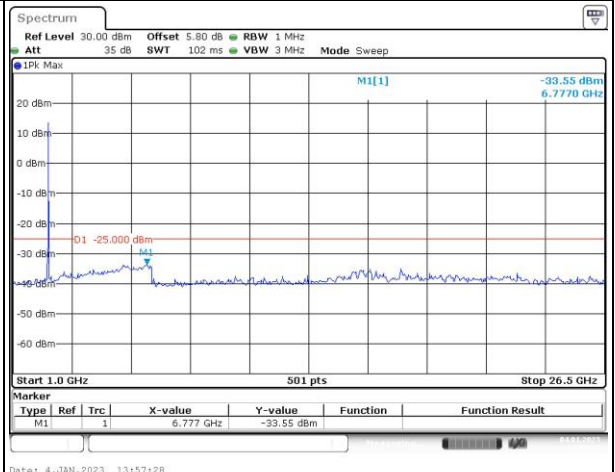
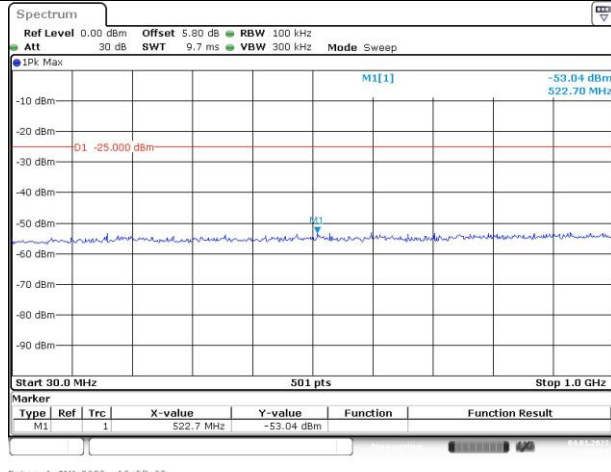


Spurious Emissions at Antenna Terminal

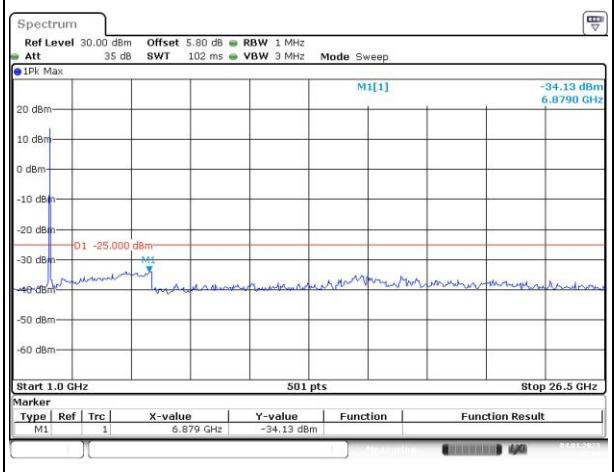
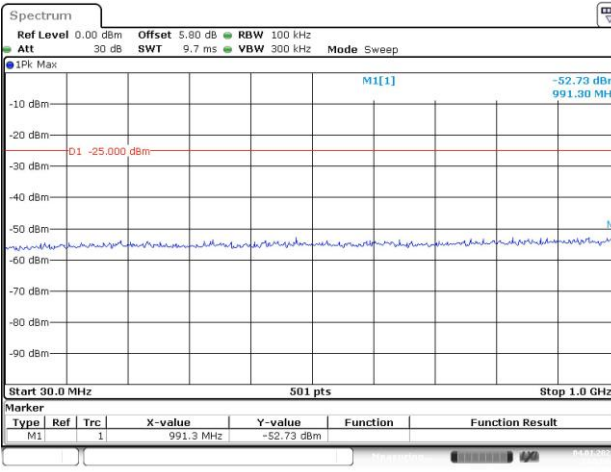
Channel

15MHz Bandwidth QPSK

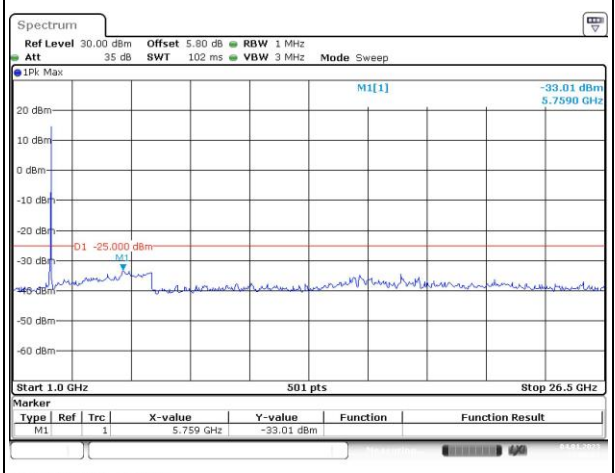
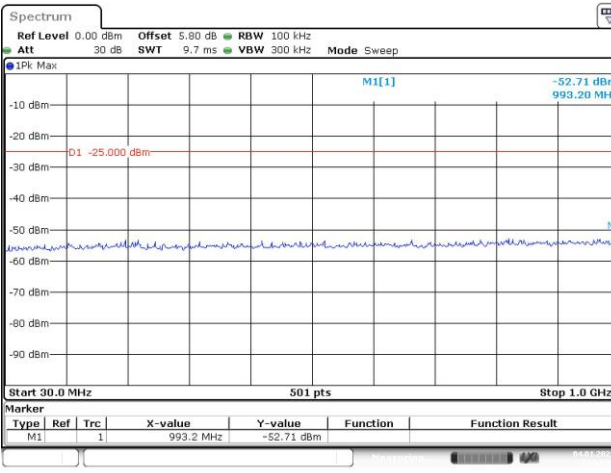
Lowest



Middle



Highest

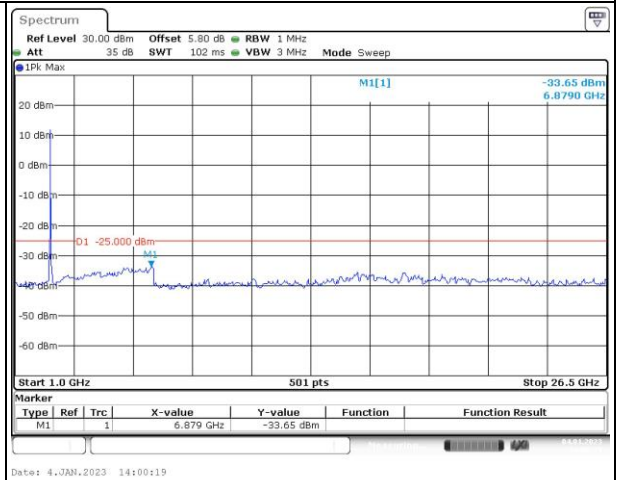
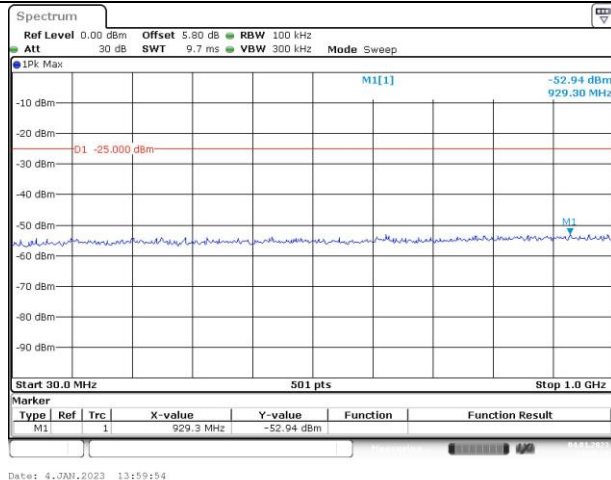


Spurious Emissions at Antenna Terminal

Channel

20MHz Bandwidth QPSK

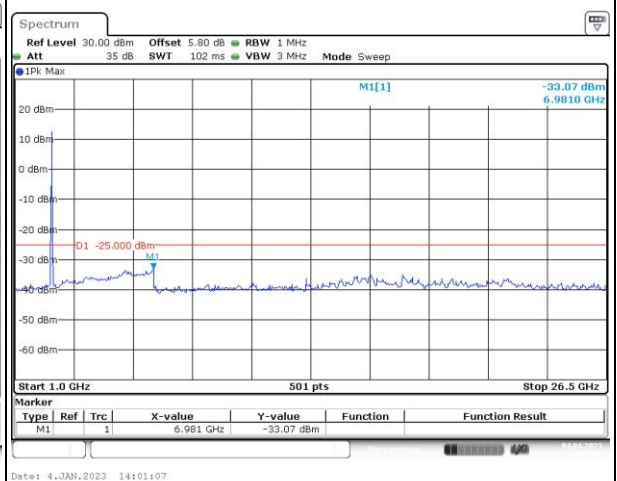
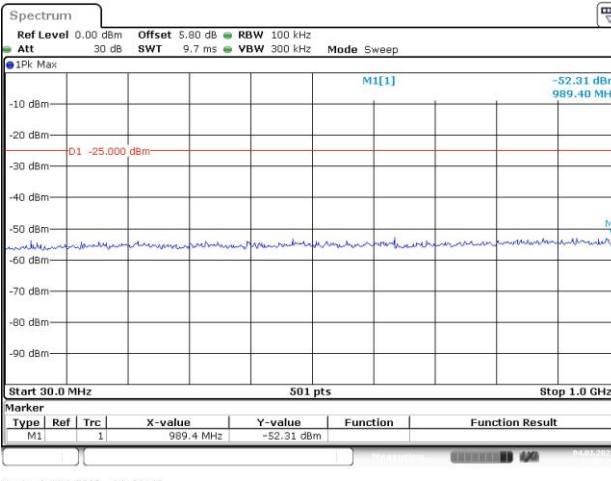
Lowest



Date: 4.JAN.2023 13:59:54

Date: 4.JAN.2023 14:00:19

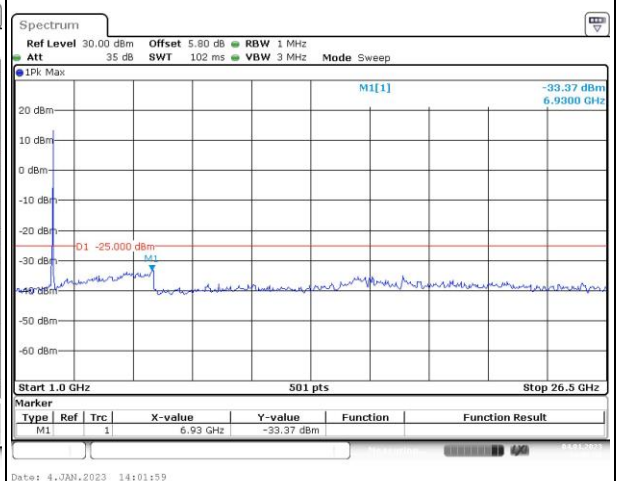
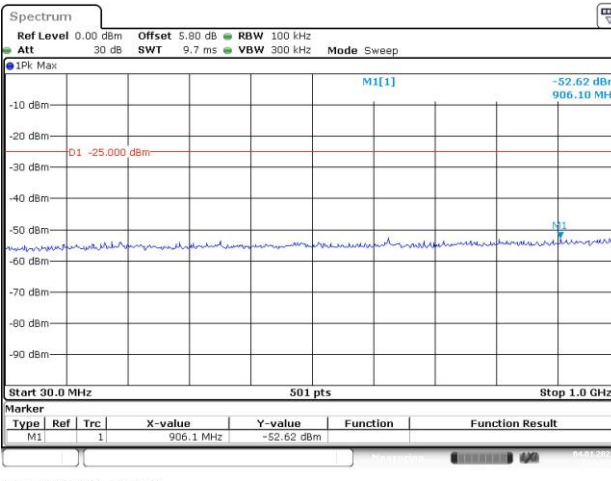
Middle



Date: 4.JAN.2023 14:00:45

Date: 4.JAN.2023 14:01:07

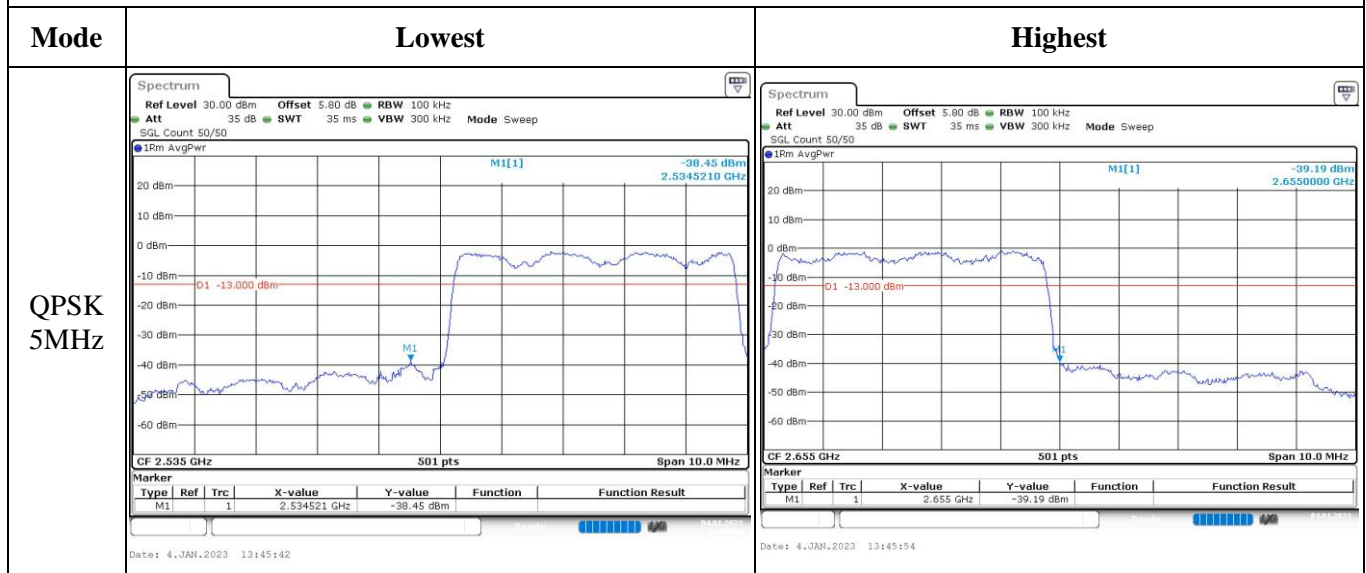
Highest



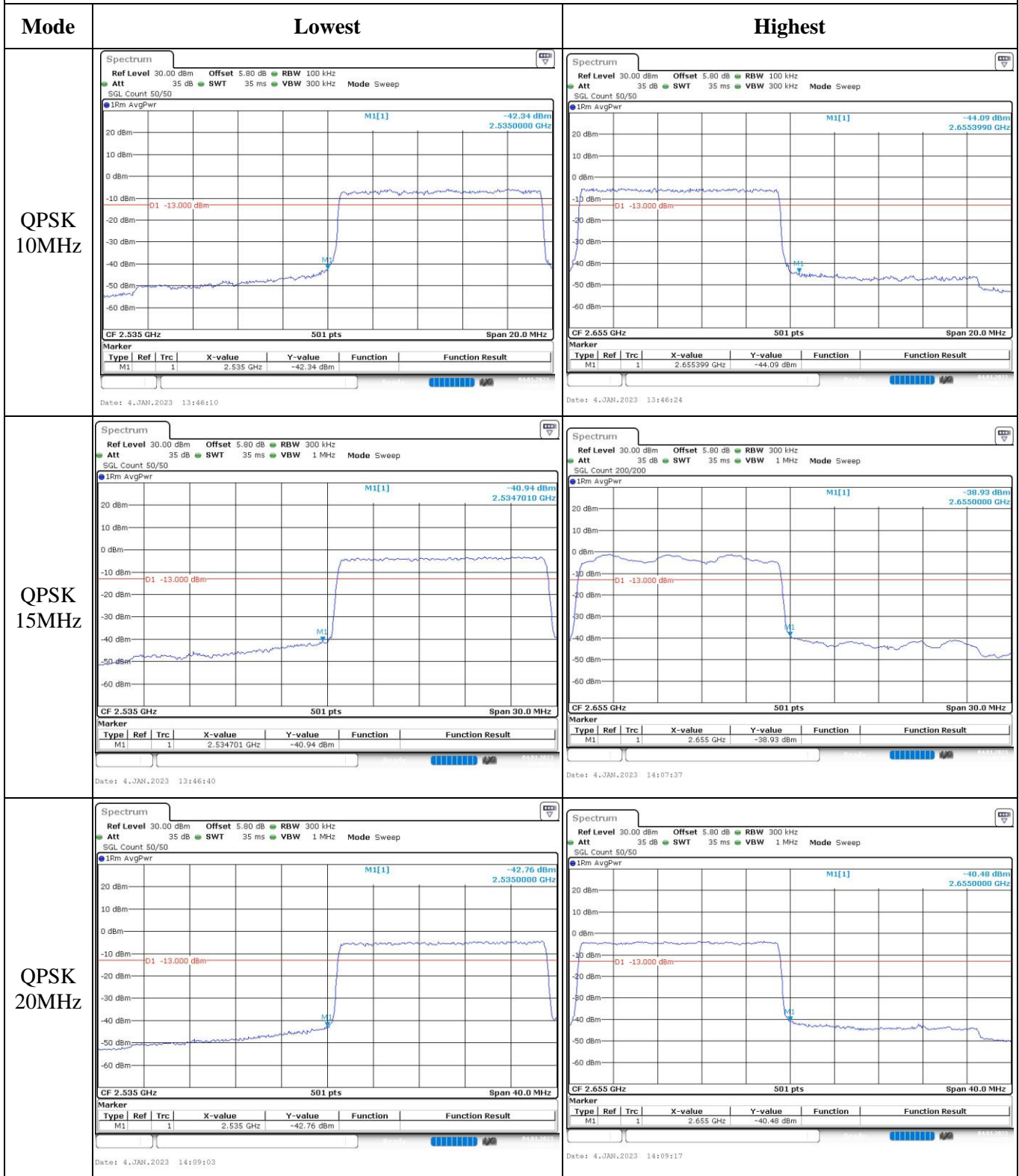
Date: 4.JAN.2023 14:01:40

Date: 4.JAN.2023 14:01:59

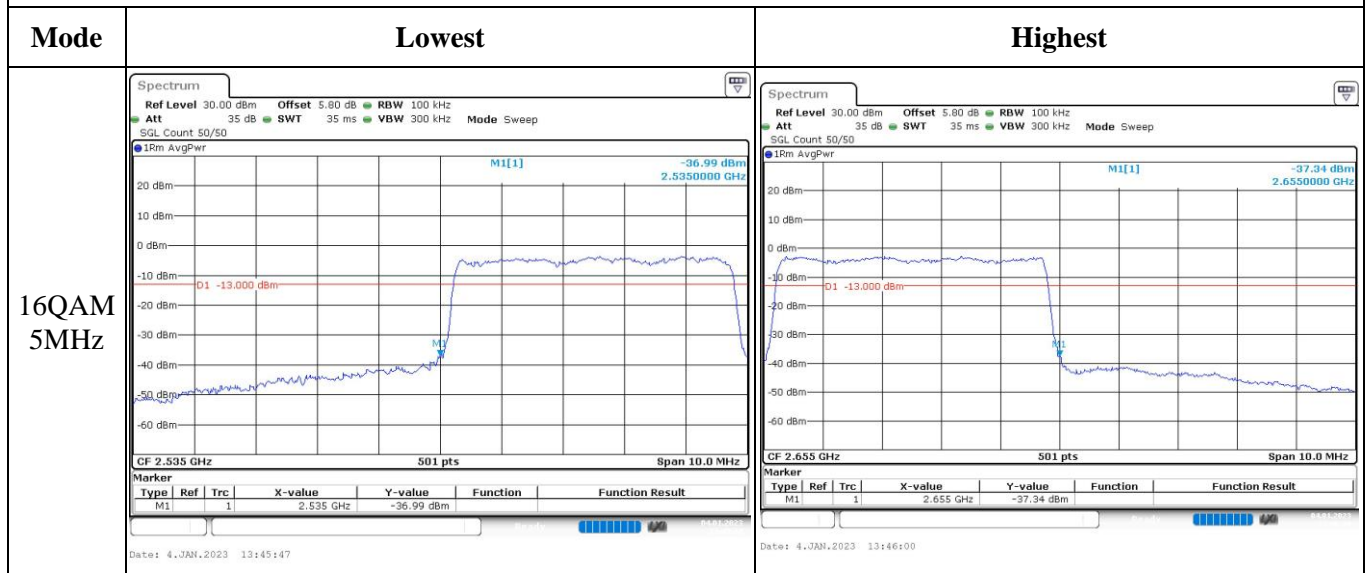
Out of band emission, Band Edge



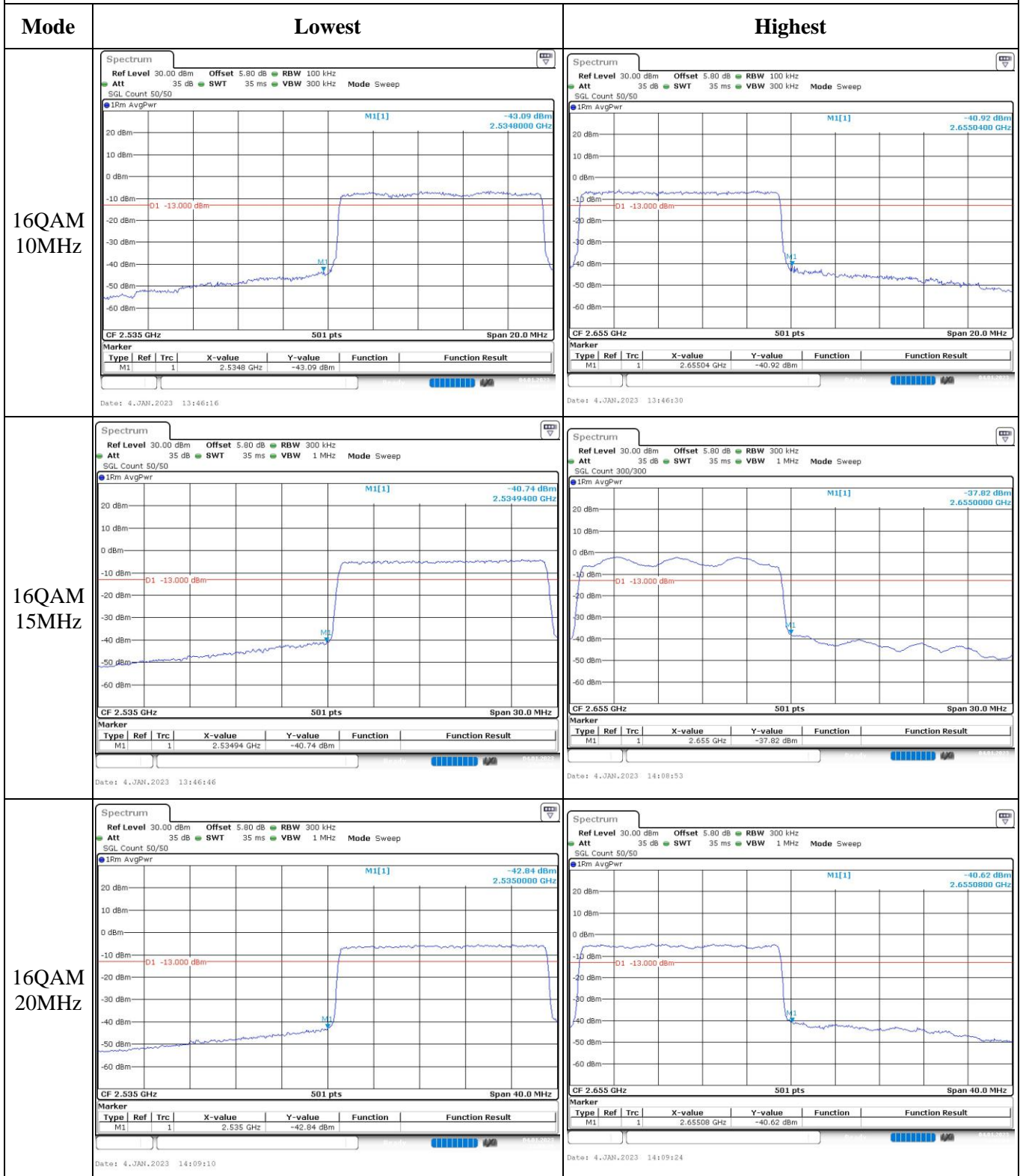
Out of band emission, Band Edge



Out of band emission, Band Edge



Out of band emission, Band Edge



4.10 Radiated Spurious Emissions

| | | | |
|----------------|----------------------|--------------|--------------|
| Serial Number: | 1X1D | Test Date: | 2023/1/12 |
| Test Site: | 966-1~966-2 | Test Mode: | Transmitting |
| Tester: | Carl Xue, Mark Huang | Test Result: | Pass |

Environmental Conditions:

| | | | | | |
|----------------------|-----------|---------------------------|-------|---------------------------|-------|
| Temperature: (°C) | 22.2~23.4 | Relative Humidity: (%) | 61~66 | ATM Pressure: (kPa) | 100.8 |
|----------------------|-----------|---------------------------|-------|---------------------------|-------|

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 |
| Agilent | Signal Generator | E8247C | MY43321352 | 2022/04/01 | 2023/03/31 |
| 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 |
| 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**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 | | | | | | | | |
| 30.70 | H | 33.44 | -38.76 | -25.98 | 0.10 | -64.84 | -13.00 | 51.84 |
| 43.30 | V | 43.27 | -50.83 | -22.04 | 0.12 | -72.99 | -13.00 | 59.99 |
| 1648.400 | H | 49.03 | -55.30 | 8.68 | 0.80 | -47.42 | -13.00 | 34.42 |
| 1648.400 | V | 60.82 | -43.59 | 8.68 | 0.80 | -35.71 | -13.00 | 22.71 |
| 2472.600 | H | 39.04 | -61.74 | 9.38 | 1.00 | -53.36 | -13.00 | 40.36 |
| 2472.600 | V | 51.06 | -49.67 | 9.38 | 1.00 | -41.29 | -13.00 | 28.29 |
| 3296.800 | H | 35.66 | -61.02 | 10.32 | 1.15 | -51.85 | -13.00 | 38.85 |
| 3296.800 | V | 36.01 | -60.43 | 10.32 | 1.15 | -51.26 | -13.00 | 38.26 |
| GSM 850 Frequency:836.6MHz | | | | | | | | |
| 30.70 | H | 34.24 | -37.96 | -25.98 | 0.10 | -64.04 | -13.00 | 51.04 |
| 43.30 | V | 44.08 | -50.02 | -22.04 | 0.12 | -72.18 | -13.00 | 59.18 |
| 1673.200 | H | 54.25 | -50.06 | 8.71 | 0.85 | -42.20 | -13.00 | 29.20 |
| 1673.200 | V | 53.83 | -50.58 | 8.71 | 0.85 | -42.72 | -13.00 | 29.72 |
| 2509.800 | H | 38.49 | -62.12 | 9.42 | 1.01 | -53.71 | -13.00 | 40.71 |
| 2509.800 | V | 40.98 | -59.64 | 9.42 | 1.01 | -51.23 | -13.00 | 38.23 |
| 3346.400 | H | 36.60 | -60.57 | 10.34 | 1.16 | -51.39 | -13.00 | 38.39 |
| 3346.400 | V | 35.69 | -61.34 | 10.34 | 1.16 | -52.16 | -13.00 | 39.16 |
| GSM 850 Frequency:848.8MHz | | | | | | | | |
| 30.00 | H | 34.86 | -36.50 | -26.30 | 0.10 | -62.90 | -13.00 | 49.90 |
| 41.90 | V | 44.01 | -48.27 | -23.89 | 0.12 | -72.28 | -13.00 | 59.28 |
| 1697.600 | H | 52.84 | -51.45 | 8.74 | 0.90 | -43.61 | -13.00 | 30.61 |
| 1697.600 | V | 53.89 | -50.53 | 8.74 | 0.90 | -42.69 | -13.00 | 29.69 |
| 2546.400 | H | 36.88 | -63.45 | 9.47 | 1.01 | -54.99 | -13.00 | 41.99 |
| 2546.400 | V | 42.07 | -58.21 | 9.47 | 1.01 | -49.75 | -13.00 | 36.75 |
| 3395.200 | H | 36.92 | -60.77 | 10.36 | 1.19 | -51.60 | -13.00 | 38.60 |
| 3395.200 | V | 37.29 | -60.37 | 10.36 | 1.19 | -51.20 | -13.00 | 38.20 |

PCS Band

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) | | | |
| GSM 1900 Frequency:1850.2MHz | | | | | | | | |
| 30.70 | H | 33.87 | -38.33 | -25.98 | 0.10 | -64.41 | -13.00 | 51.41 |
| 43.30 | V | 43.75 | -50.35 | -22.04 | 0.12 | -72.51 | -13.00 | 59.51 |
| 3700.400 | H | 44.80 | -52.52 | 10.60 | 1.25 | -43.17 | -13.00 | 30.17 |
| 3700.400 | V | 39.95 | -57.35 | 10.60 | 1.25 | -48.00 | -13.00 | 35.00 |
| 5550.600 | H | 45.85 | -47.41 | 11.44 | 1.49 | -37.46 | -13.00 | 24.46 |
| 5550.600 | V | 49.91 | -43.19 | 11.44 | 1.49 | -33.24 | -13.00 | 20.24 |
| GSM 1900 Frequency:1880MHz | | | | | | | | |
| 30.00 | H | 34.51 | -36.85 | -26.30 | 0.10 | -63.25 | -13.00 | 50.25 |
| 43.30 | V | 43.55 | -50.55 | -22.04 | 0.12 | -72.71 | -13.00 | 59.71 |
| 3760.000 | H | 41.44 | -54.97 | 10.66 | 1.24 | -45.55 | -13.00 | 32.55 |
| 3760.000 | V | 38.40 | -57.89 | 10.66 | 1.24 | -48.47 | -13.00 | 35.47 |
| 5640.000 | H | 51.14 | -42.31 | 11.33 | 1.54 | -32.52 | -13.00 | 19.52 |
| 5640.000 | V | 50.73 | -42.60 | 11.33 | 1.54 | -32.81 | -13.00 | 19.81 |
| GSM 1900 Frequency:1909.8MHz | | | | | | | | |
| 30.70 | H | 33.49 | -38.71 | -25.98 | 0.10 | -64.79 | -13.00 | 51.79 |
| 41.90 | V | 44.12 | -48.16 | -23.89 | 0.12 | -72.17 | -13.00 | 59.17 |
| 3819.600 | H | 37.98 | -57.88 | 10.72 | 1.29 | -48.45 | -13.00 | 35.45 |
| 3819.600 | V | 37.46 | -58.26 | 10.72 | 1.29 | -48.83 | -13.00 | 35.83 |
| 5729.400 | H | 50.31 | -43.17 | 11.22 | 1.59 | -33.54 | -13.00 | 20.54 |
| 5729.400 | V | 48.35 | -45.01 | 11.22 | 1.59 | -35.38 | -13.00 | 22.38 |

WCDMA Band 2:

| 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 | | | | | | | | |
| 30.00 | H | 30.36 | -41.00 | -26.30 | 0.10 | -67.40 | -13.00 | 54.40 |
| 50.40 | V | 42.94 | -58.48 | -14.72 | 0.12 | -73.32 | -13.00 | 60.32 |
| 3704.800 | H | 37.61 | -59.65 | 10.60 | 1.25 | -50.30 | -13.00 | 37.30 |
| 3704.800 | V | 38.82 | -58.41 | 10.60 | 1.25 | -49.06 | -13.00 | 36.06 |
| 5557.200 | H | 37.64 | -55.64 | 11.43 | 1.49 | -45.70 | -13.00 | 32.70 |
| 5557.200 | V | 37.98 | -55.15 | 11.43 | 1.49 | -45.21 | -13.00 | 32.21 |
| WCDMA Band II, Frequency:1880 MHz | | | | | | | | |
| 30.00 | H | 30.62 | -40.74 | -26.30 | 0.10 | -67.14 | -13.00 | 54.14 |
| 43.30 | V | 44.29 | -49.81 | -22.04 | 0.12 | -71.97 | -13.00 | 58.97 |
| 3760.000 | H | 38.14 | -58.27 | 10.66 | 1.24 | -48.85 | -13.00 | 35.85 |
| 3760.000 | V | 39.03 | -57.26 | 10.66 | 1.24 | -47.84 | -13.00 | 34.84 |
| 5640.000 | H | 39.26 | -54.19 | 11.33 | 1.54 | -44.40 | -13.00 | 31.40 |
| 5640.000 | V | 38.72 | -54.61 | 11.33 | 1.54 | -44.82 | -13.00 | 31.82 |
| WCDMA Band II, Frequency:1907.6MHz | | | | | | | | |
| 30.70 | H | 29.57 | -42.63 | -25.98 | 0.10 | -68.71 | -13.00 | 55.71 |
| 50.40 | V | 46.59 | -54.83 | -14.72 | 0.12 | -69.67 | -13.00 | 56.67 |
| 3815.200 | H | 38.41 | -57.44 | 10.72 | 1.29 | -48.01 | -13.00 | 35.01 |
| 3815.200 | V | 38.95 | -56.74 | 10.72 | 1.29 | -47.31 | -13.00 | 34.31 |
| 5722.800 | H | 39.44 | -54.05 | 11.23 | 1.58 | -44.40 | -13.00 | 31.40 |
| 5722.800 | V | 41.03 | -52.32 | 11.23 | 1.58 | -42.67 | -13.00 | 29.67 |

WCDMA Band 5:

| 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 | | | | | | | | |
| 30.00 | H | 29.89 | -41.47 | -26.30 | 0.10 | -67.87 | -13.00 | 54.87 |
| 50.40 | V | 44.40 | -57.02 | -14.72 | 0.12 | -71.86 | -13.00 | 58.86 |
| 1652.800 | H | 39.44 | -64.89 | 8.68 | 0.81 | -57.02 | -13.00 | 44.02 |
| 1652.800 | V | 45.06 | -59.35 | 8.68 | 0.81 | -51.48 | -13.00 | 38.48 |
| 2479.200 | H | 41.30 | -59.46 | 9.39 | 1.01 | -51.08 | -13.00 | 38.08 |
| 2479.200 | V | 42.49 | -58.24 | 9.39 | 1.01 | -49.86 | -13.00 | 36.86 |
| 3305.600 | H | 37.87 | -58.86 | 10.32 | 1.15 | -49.69 | -13.00 | 36.69 |
| 3305.600 | V | 38.55 | -57.95 | 10.32 | 1.15 | -48.78 | -13.00 | 35.78 |
| WCDMA Band 5 Frequency:836.6MHz | | | | | | | | |
| 30.00 | H | 30.62 | -40.74 | -26.30 | 0.10 | -67.14 | -13.00 | 54.14 |
| 50.40 | V | 42.47 | -58.95 | -14.72 | 0.12 | -73.79 | -13.00 | 60.79 |
| 1673.200 | H | 39.92 | -64.39 | 8.71 | 0.85 | -56.53 | -13.00 | 43.53 |
| 1673.200 | V | 38.21 | -66.20 | 8.71 | 0.85 | -58.34 | -13.00 | 45.34 |
| 2509.800 | H | 40.20 | -60.41 | 9.42 | 1.01 | -52.00 | -13.00 | 39.00 |
| 2509.800 | V | 39.01 | -61.61 | 9.42 | 1.01 | -53.20 | -13.00 | 40.20 |
| 3346.400 | H | 38.04 | -59.13 | 10.34 | 1.16 | -49.95 | -13.00 | 36.95 |
| 3346.400 | V | 36.74 | -60.29 | 10.34 | 1.16 | -51.11 | -13.00 | 38.11 |
| WCDMA Band 5 Frequency:846.6MHz | | | | | | | | |
| 30.70 | H | 29.76 | -42.44 | -25.98 | 0.10 | -68.52 | -13.00 | 55.52 |
| 50.40 | V | 42.72 | -58.70 | -14.72 | 0.12 | -73.54 | -13.00 | 60.54 |
| 1693.200 | H | 44.08 | -60.22 | 8.73 | 0.89 | -52.38 | -13.00 | 39.38 |
| 1693.200 | V | 38.63 | -65.79 | 8.73 | 0.89 | -57.95 | -13.00 | 44.95 |
| 2539.800 | H | 37.66 | -62.72 | 9.46 | 1.01 | -54.27 | -13.00 | 41.27 |
| 2539.800 | V | 36.82 | -63.52 | 9.46 | 1.01 | -55.07 | -13.00 | 42.07 |
| 3386.400 | H | 38.94 | -58.65 | 10.35 | 1.18 | -49.48 | -13.00 | 36.48 |
| 3386.400 | V | 37.63 | -59.91 | 10.35 | 1.18 | -50.74 | -13.00 | 37.74 |

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, 1.4MHz, Frequency:1850.7 MHz | | | | | | | | |
| 30.70 | H | 34.80 | -37.40 | -25.98 | 0.10 | -63.48 | -13.00 | 50.48 |
| 41.90 | V | 48.10 | -44.18 | -23.89 | 0.12 | -68.19 | -13.00 | 55.19 |
| 3701.400 | H | 40.19 | -57.12 | 10.60 | 1.25 | -47.77 | -13.00 | 34.77 |
| 3701.400 | V | 37.69 | -59.60 | 10.60 | 1.25 | -50.25 | -13.00 | 37.25 |
| 5552.100 | H | 37.88 | -55.39 | 11.44 | 1.49 | -45.44 | -13.00 | 32.44 |
| 5552.100 | V | 37.76 | -55.34 | 11.44 | 1.49 | -45.39 | -13.00 | 32.39 |
| QPSK, 1.4MHz, Frequency:1880 MHz | | | | | | | | |
| 30.70 | H | 34.81 | -37.39 | -25.98 | 0.10 | -63.47 | -13.00 | 50.47 |
| 43.30 | V | 48.81 | -45.29 | -22.04 | 0.12 | -67.45 | -13.00 | 54.45 |
| 3760.000 | H | 37.15 | -59.26 | 10.66 | 1.24 | -49.84 | -13.00 | 36.84 |
| 3760.000 | V | 39.05 | -57.24 | 10.66 | 1.24 | -47.82 | -13.00 | 34.82 |
| 5640.000 | H | 38.89 | -54.56 | 11.33 | 1.54 | -44.77 | -13.00 | 31.77 |
| 5640.000 | V | 41.60 | -51.73 | 11.33 | 1.54 | -41.94 | -13.00 | 28.94 |
| QPSK, 1.4MHz, Frequency:1909.3 MHz | | | | | | | | |
| 30.70 | H | 33.84 | -38.36 | -25.98 | 0.10 | -64.44 | -13.00 | 51.44 |
| 43.30 | V | 48.34 | -45.76 | -22.04 | 0.12 | -67.92 | -13.00 | 54.92 |
| 3818.600 | H | 37.80 | -58.06 | 10.72 | 1.29 | -48.63 | -13.00 | 35.63 |
| 3818.600 | V | 37.52 | -58.19 | 10.72 | 1.29 | -48.76 | -13.00 | 35.76 |
| 5727.900 | H | 37.98 | -55.50 | 11.23 | 1.59 | -45.86 | -13.00 | 32.86 |
| 5727.900 | V | 39.06 | -54.30 | 11.23 | 1.59 | -44.66 | -13.00 | 31.66 |

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, 1.4MHz, Frequency: 824.7 MHz | | | | | | | | |
| 30.70 | H | 34.12 | -38.08 | -25.98 | 0.10 | -64.16 | -13.00 | 51.16 |
| 41.90 | V | 48.97 | -43.31 | -23.89 | 0.12 | -67.32 | -13.00 | 54.32 |
| 1649.400 | H | 39.31 | -65.02 | 8.68 | 0.80 | -57.14 | -13.00 | 44.14 |
| 1649.400 | V | 43.05 | -61.36 | 8.68 | 0.80 | -53.48 | -13.00 | 40.48 |
| 2474.100 | H | 39.75 | -61.03 | 9.38 | 1.00 | -52.65 | -13.00 | 39.65 |
| 2474.100 | V | 43.64 | -57.09 | 9.38 | 1.00 | -48.71 | -13.00 | 35.71 |
| 3298.800 | H | 35.18 | -61.50 | 10.32 | 1.15 | -52.33 | -13.00 | 39.33 |
| 3298.800 | V | 34.46 | -61.98 | 10.32 | 1.15 | -52.81 | -13.00 | 39.81 |
| QPSK, 1.4MHz, Frequency: 836.5 MHz | | | | | | | | |
| 30.70 | H | 33.10 | -39.10 | -25.98 | 0.10 | -65.18 | -13.00 | 52.18 |
| 41.90 | V | 47.79 | -44.49 | -23.89 | 0.12 | -68.50 | -13.00 | 55.50 |
| 1673.000 | H | 42.97 | -61.34 | 8.71 | 0.85 | -53.48 | -13.00 | 40.48 |
| 1673.000 | V | 46.68 | -57.73 | 8.71 | 0.85 | -49.87 | -13.00 | 36.87 |
| 2509.500 | H | 42.83 | -57.78 | 9.42 | 1.01 | -49.37 | -13.00 | 36.37 |
| 2509.500 | V | 43.38 | -57.24 | 9.42 | 1.01 | -48.83 | -13.00 | 35.83 |
| 3346.000 | H | 35.16 | -62.00 | 10.34 | 1.16 | -52.82 | -13.00 | 39.82 |
| 3346.000 | V | 35.35 | -61.67 | 10.34 | 1.16 | -52.49 | -13.00 | 39.49 |
| QPSK, 1.4MHz, Frequency: 848.3 MHz | | | | | | | | |
| 30.70 | H | 33.09 | -39.11 | -25.98 | 0.10 | -65.19 | -13.00 | 52.19 |
| 41.90 | V | 48.92 | -43.36 | -23.89 | 0.12 | -67.37 | -13.00 | 54.37 |
| 1696.600 | H | 40.01 | -64.28 | 8.74 | 0.89 | -56.43 | -13.00 | 43.43 |
| 1696.600 | V | 43.67 | -60.75 | 8.74 | 0.89 | -52.90 | -13.00 | 39.90 |
| 2544.900 | H | 38.16 | -62.18 | 9.47 | 1.01 | -53.72 | -13.00 | 40.72 |
| 2544.900 | V | 39.37 | -60.93 | 9.47 | 1.01 | -52.47 | -13.00 | 39.47 |
| 3393.200 | H | 36.42 | -61.25 | 10.36 | 1.19 | -52.08 | -13.00 | 39.08 |
| 3393.200 | V | 35.66 | -61.97 | 10.36 | 1.19 | -52.80 | -13.00 | 39.80 |

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, 5MHz, Frequency: 2502.5 MHz | | | | | | | | |
| 30.70 | H | 40.80 | -31.40 | -25.98 | 0.10 | -57.48 | -25.00 | 32.48 |
| 41.90 | V | 41.68 | -50.60 | -23.89 | 0.12 | -74.61 | -25.00 | 49.61 |
| 5005.000 | H | 35.52 | -57.44 | 11.20 | 1.47 | -47.71 | -25.00 | 22.71 |
| 5005.000 | V | 35.91 | -56.91 | 11.20 | 1.47 | -47.18 | -25.00 | 22.18 |
| 7507.500 | H | 47.32 | -42.47 | 10.90 | 1.95 | -33.52 | -25.00 | 8.52 |
| 7507.500 | V | 49.97 | -40.32 | 10.90 | 1.95 | -31.37 | -25.00 | 6.37 |
| QPSK, 5MHz, Frequency:2535 MHz | | | | | | | | |
| 30.70 | H | 35.86 | -36.34 | -25.98 | 0.10 | -62.42 | -25.00 | 37.42 |
| 43.30 | V | 48.42 | -45.68 | -22.04 | 0.12 | -67.84 | -25.00 | 42.84 |
| 5070.000 | H | 36.29 | -56.90 | 11.24 | 1.47 | -47.13 | -25.00 | 22.13 |
| 5070.000 | V | 37.65 | -55.44 | 11.24 | 1.47 | -45.67 | -25.00 | 20.67 |
| 7605.000 | H | 44.40 | -45.07 | 10.88 | 2.01 | -36.20 | -25.00 | 11.20 |
| 7605.000 | V | 51.06 | -39.13 | 10.88 | 2.01 | -30.26 | -25.00 | 5.26 |
| QPSK, 5MHz, Frequency: 2567.5 MHz | | | | | | | | |
| 30.70 | H | 35.57 | -36.63 | -25.98 | 0.10 | -62.71 | -25.00 | 37.71 |
| 41.90 | V | 48.74 | -43.54 | -23.89 | 0.12 | -67.55 | -25.00 | 42.55 |
| 5135.000 | H | 37.62 | -55.98 | 11.28 | 1.47 | -46.17 | -25.00 | 21.17 |
| 5135.000 | V | 41.74 | -51.75 | 11.28 | 1.47 | -41.94 | -25.00 | 16.94 |
| 7702.500 | H | 40.29 | -49.23 | 10.86 | 1.97 | -40.34 | -25.00 | 15.34 |
| 7702.500 | V | 47.80 | -42.38 | 10.86 | 1.97 | -33.49 | -25.00 | 8.49 |

LTE Band 12 (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, 1.4MHz, Frequency: 699.7 MHz | | | | | | | | |
| 30.70 | H | 34.71 | -37.49 | -25.98 | 0.10 | -63.57 | -13.00 | 50.57 |
| 43.30 | V | 48.53 | -45.57 | -22.04 | 0.12 | -67.73 | -13.00 | 54.73 |
| 1399.400 | H | 37.22 | -66.48 | 8.22 | 0.71 | -58.97 | -13.00 | 45.97 |
| 1399.400 | V | 39.49 | -64.26 | 8.22 | 0.71 | -56.75 | -13.00 | 43.75 |
| 2099.100 | H | 55.63 | -46.25 | 9.16 | 0.91 | -38.00 | -13.00 | 25.00 |
| 2099.100 | V | 52.25 | -49.58 | 9.16 | 0.91 | -41.33 | -13.00 | 28.33 |
| 2798.800 | H | 34.65 | -65.28 | 9.88 | 1.04 | -56.44 | -13.00 | 43.44 |
| 2798.800 | V | 34.35 | -65.45 | 9.88 | 1.04 | -56.61 | -13.00 | 43.61 |
| QPSK, 1.4MHz, Frequency:707.5 MHz | | | | | | | | |
| 30.70 | H | 35.24 | -36.96 | -25.98 | 0.10 | -63.04 | -13.00 | 50.04 |
| 41.90 | V | 48.84 | -43.44 | -23.89 | 0.12 | -67.45 | -13.00 | 54.45 |
| 1415.000 | H | 38.22 | -65.45 | 8.26 | 0.72 | -57.91 | -13.00 | 44.91 |
| 1415.000 | V | 39.46 | -64.26 | 8.26 | 0.72 | -56.72 | -13.00 | 43.72 |
| 2122.500 | H | 57.08 | -44.91 | 9.17 | 0.92 | -36.66 | -13.00 | 23.66 |
| 2122.500 | V | 52.42 | -49.55 | 9.17 | 0.92 | -41.30 | -13.00 | 28.30 |
| 2830.000 | H | 34.73 | -65.07 | 9.93 | 1.06 | -56.20 | -13.00 | 43.20 |
| 2830.000 | V | 35.52 | -64.21 | 9.93 | 1.06 | -55.34 | -13.00 | 42.34 |
| QPSK, 1.4MHz, Frequency: 715.3 MHz | | | | | | | | |
| 30.70 | H | 35.95 | -36.25 | -25.98 | 0.10 | -62.33 | -13.00 | 49.33 |
| 43.30 | V | 49.35 | -44.75 | -22.04 | 0.12 | -66.91 | -13.00 | 53.91 |
| 1430.600 | H | 38.82 | -64.81 | 8.31 | 0.73 | -57.23 | -13.00 | 44.23 |
| 1430.600 | V | 43.16 | -60.53 | 8.31 | 0.73 | -52.95 | -13.00 | 39.95 |
| 2145.900 | H | 52.36 | -49.74 | 9.19 | 0.93 | -41.48 | -13.00 | 28.48 |
| 2145.900 | V | 50.82 | -51.29 | 9.19 | 0.93 | -43.03 | -13.00 | 30.03 |
| 2861.200 | H | 35.61 | -64.04 | 9.98 | 1.07 | -55.13 | -13.00 | 42.13 |
| 2861.200 | V | 34.52 | -65.15 | 9.98 | 1.07 | -56.24 | -13.00 | 43.24 |

LTE Band 41(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, 5MHz, Frequency: 2537.5 MHz | | | | | | | | |
| 30.70 | H | 34.53 | -37.67 | -25.98 | 0.10 | -63.75 | -25.00 | 38.75 |
| 41.90 | V | 48.43 | -43.85 | -23.89 | 0.12 | -67.86 | -25.00 | 42.86 |
| 5075.000 | H | 35.31 | -57.90 | 11.25 | 1.48 | -48.13 | -25.00 | 23.13 |
| 5075.000 | V | 36.93 | -56.18 | 11.25 | 1.48 | -46.41 | -25.00 | 21.41 |
| 7612.500 | H | 44.37 | -45.11 | 10.88 | 2.02 | -36.25 | -25.00 | 11.25 |
| 7612.500 | V | 44.99 | -45.20 | 10.88 | 2.02 | -36.34 | -25.00 | 11.34 |
| QPSK, 5MHz, Frequency:2595 MHz | | | | | | | | |
| 30.70 | H | 36.21 | -35.99 | -25.98 | 0.10 | -62.07 | -25.00 | 37.07 |
| 43.30 | V | 49.11 | -44.99 | -22.04 | 0.12 | -67.15 | -25.00 | 42.15 |
| 5190.000 | H | 39.39 | -54.68 | 11.31 | 1.44 | -44.81 | -25.00 | 19.81 |
| 5190.000 | V | 40.20 | -53.72 | 11.31 | 1.44 | -43.85 | -25.00 | 18.85 |
| 7785.000 | H | 44.97 | -44.52 | 10.84 | 1.99 | -35.67 | -25.00 | 10.67 |
| 7785.000 | V | 46.23 | -43.69 | 10.84 | 1.99 | -34.84 | -25.00 | 9.84 |
| QPSK, 5MHz, Frequency: 2652.5 MHz | | | | | | | | |
| 30.70 | H | 36.09 | -36.11 | -25.98 | 0.10 | -62.19 | -25.00 | 37.19 |
| 41.90 | V | 48.11 | -44.17 | -23.89 | 0.12 | -68.18 | -25.00 | 43.18 |
| 5305.000 | H | 38.75 | -54.69 | 11.38 | 1.46 | -44.77 | -25.00 | 19.77 |
| 5305.000 | V | 39.85 | -53.33 | 11.38 | 1.46 | -43.41 | -25.00 | 18.41 |
| 7957.500 | H | 43.39 | -45.03 | 10.81 | 2.09 | -36.31 | -25.00 | 11.31 |
| 7957.500 | V | 45.58 | -43.29 | 10.81 | 2.09 | -34.57 | -25.00 | 9.57 |

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 =====