

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band 17

1 RF Power Output

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM | 706.5 | 23755 | 5 | 1 | 0 | 21.81 |
| 16QAM | 706.5 | 23755 | 5 | 1 | 12 | 21.71 |
| 16QAM | 706.5 | 23755 | 5 | 1 | 24 | 21.68 |
| 16QAM | 706.5 | 23755 | 5 | 12 | 0 | 21.12 |
| 16QAM | 706.5 | 23755 | 5 | 12 | 7 | 21.20 |
| 16QAM | 706.5 | 23755 | 5 | 12 | 13 | 21.41 |
| 16QAM | 706.5 | 23755 | 5 | 25 | 0 | 21.44 |
| 16QAM | 710 | 23790 | 5 | 1 | 0 | 22.30 |
| 16QAM | 710 | 23790 | 5 | 1 | 12 | 22.22 |
| 16QAM | 710 | 23790 | 5 | 1 | 24 | 22.30 |
| 16QAM | 710 | 23790 | 5 | 12 | 0 | 21.32 |
| 16QAM | 710 | 23790 | 5 | 12 | 7 | 21.34 |
| 16QAM | 710 | 23790 | 5 | 12 | 13 | 21.14 |
| 16QAM | 710 | 23790 | 5 | 25 | 0 | 21.17 |
| 16QAM | 713.5 | 23825 | 5 | 1 | 0 | 21.96 |
| 16QAM | 713.5 | 23825 | 5 | 1 | 12 | 21.86 |
| 16QAM | 713.5 | 23825 | 5 | 1 | 24 | 22.35 |
| 16QAM | 713.5 | 23825 | 5 | 12 | 0 | 21.36 |
| 16QAM | 713.5 | 23825 | 5 | 12 | 7 | 21.64 |
| 16QAM | 713.5 | 23825 | 5 | 12 | 13 | 21.65 |
| 16QAM | 713.5 | 23825 | 5 | 25 | 0 | 21.62 |
| 64QAM | 706.5 | 23755 | 5 | 1 | 0 | 21.08 |
| 64QAM | 706.5 | 23755 | 5 | 1 | 12 | 21.04 |
| 64QAM | 706.5 | 23755 | 5 | 1 | 24 | 21.32 |
| 64QAM | 706.5 | 23755 | 5 | 12 | 0 | 20.41 |
| 64QAM | 706.5 | 23755 | 5 | 12 | 7 | 20.41 |
| 64QAM | 706.5 | 23755 | 5 | 12 | 13 | 20.71 |
| 64QAM | 706.5 | 23755 | 5 | 25 | 0 | 20.38 |
| 64QAM | 710 | 23790 | 5 | 1 | 0 | 21.87 |
| 64QAM | 710 | 23790 | 5 | 1 | 12 | 21.84 |
| 64QAM | 710 | 23790 | 5 | 1 | 24 | 21.85 |
| 64QAM | 710 | 23790 | 5 | 12 | 0 | 20.43 |
| 64QAM | 710 | 23790 | 5 | 12 | 7 | 20.43 |
| 64QAM | 710 | 23790 | 5 | 12 | 13 | 20.19 |
| 64QAM | 710 | 23790 | 5 | 25 | 0 | 20.43 |
| 64QAM | 713.5 | 23825 | 5 | 1 | 0 | 21.20 |
| 64QAM | 713.5 | 23825 | 5 | 1 | 12 | 21.59 |
| 64QAM | 713.5 | 23825 | 5 | 1 | 24 | 21.62 |
| 64QAM | 713.5 | 23825 | 5 | 12 | 0 | 20.31 |
| 64QAM | 713.5 | 23825 | 5 | 12 | 7 | 20.56 |
| 64QAM | 713.5 | 23825 | 5 | 12 | 13 | 20.63 |

| | | | | | | |
|-------|-------|-------|---|----|---|-------|
| 64QAM | 713.5 | 23825 | 5 | 25 | 0 | 20.81 |
|-------|-------|-------|---|----|---|-------|

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK | 706.5 | 23755 | 5 | 1 | 0 | 22.69 |
| QPSK | 706.5 | 23755 | 5 | 1 | 12 | 22.59 |
| QPSK | 706.5 | 23755 | 5 | 1 | 24 | 22.72 |
| QPSK | 706.5 | 23755 | 5 | 12 | 0 | 22.20 |
| QPSK | 706.5 | 23755 | 5 | 12 | 7 | 22.28 |
| QPSK | 706.5 | 23755 | 5 | 12 | 13 | 22.30 |
| QPSK | 706.5 | 23755 | 5 | 25 | 0 | 22.25 |
| QPSK | 710 | 23790 | 5 | 1 | 0 | 22.61 |
| QPSK | 710 | 23790 | 5 | 1 | 12 | 22.78 |
| QPSK | 710 | 23790 | 5 | 1 | 24 | 22.62 |
| QPSK | 710 | 23790 | 5 | 12 | 0 | 22.17 |
| QPSK | 710 | 23790 | 5 | 12 | 7 | 22.45 |
| QPSK | 710 | 23790 | 5 | 12 | 13 | 22.17 |
| QPSK | 710 | 23790 | 5 | 25 | 0 | 22.23 |
| QPSK | 713.5 | 23825 | 5 | 1 | 0 | 23.00 |
| QPSK | 713.5 | 23825 | 5 | 1 | 12 | 22.91 |
| QPSK | 713.5 | 23825 | 5 | 1 | 24 | 23.11 |
| QPSK | 713.5 | 23825 | 5 | 12 | 0 | 22.35 |
| QPSK | 713.5 | 23825 | 5 | 12 | 7 | 22.41 |
| QPSK | 713.5 | 23825 | 5 | 12 | 13 | 22.29 |
| QPSK | 713.5 | 23825 | 5 | 25 | 0 | 22.39 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM | 709 | 23780 | 10 | 1 | 0 | 23.31 |
| 16QAM | 709 | 23780 | 10 | 1 | 25 | 23.21 |
| 16QAM | 709 | 23780 | 10 | 1 | 49 | 23.08 |
| 16QAM | 709 | 23780 | 10 | 25 | 0 | 21.56 |
| 16QAM | 709 | 23780 | 10 | 25 | 12 | 21.69 |
| 16QAM | 709 | 23780 | 10 | 25 | 25 | 21.24 |
| 16QAM | 709 | 23780 | 10 | 50 | 0 | 21.52 |
| 16QAM | 710 | 23790 | 10 | 1 | 0 | 22.98 |
| 16QAM | 710 | 23790 | 10 | 1 | 25 | 22.94 |
| 16QAM | 710 | 23790 | 10 | 1 | 49 | 22.88 |
| 16QAM | 710 | 23790 | 10 | 25 | 0 | 21.63 |
| 16QAM | 710 | 23790 | 10 | 25 | 12 | 21.54 |
| 16QAM | 710 | 23790 | 10 | 25 | 25 | 21.54 |
| 16QAM | 710 | 23790 | 10 | 50 | 0 | 21.73 |
| 16QAM | 711 | 23800 | 10 | 1 | 0 | 22.62 |
| 16QAM | 711 | 23800 | 10 | 1 | 25 | 22.76 |
| 16QAM | 711 | 23800 | 10 | 1 | 49 | 22.89 |
| 16QAM | 711 | 23800 | 10 | 25 | 0 | 21.68 |
| 16QAM | 711 | 23800 | 10 | 25 | 12 | 21.47 |
| 16QAM | 711 | 23800 | 10 | 25 | 25 | 21.68 |
| 16QAM | 711 | 23800 | 10 | 50 | 0 | 21.60 |
| 64QAM | 709 | 23780 | 10 | 1 | 0 | 21.92 |
| 64QAM | 709 | 23780 | 10 | 1 | 25 | 22.13 |
| 64QAM | 709 | 23780 | 10 | 1 | 49 | 22.17 |
| 64QAM | 709 | 23780 | 10 | 25 | 0 | 20.44 |
| 64QAM | 709 | 23780 | 10 | 25 | 12 | 20.57 |
| 64QAM | 709 | 23780 | 10 | 25 | 25 | 20.72 |
| 64QAM | 709 | 23780 | 10 | 50 | 0 | 20.66 |
| 64QAM | 710 | 23790 | 10 | 1 | 0 | 21.20 |
| 64QAM | 710 | 23790 | 10 | 1 | 25 | 21.35 |
| 64QAM | 710 | 23790 | 10 | 1 | 49 | 21.39 |
| 64QAM | 710 | 23790 | 10 | 25 | 0 | 20.66 |
| 64QAM | 710 | 23790 | 10 | 25 | 12 | 20.65 |
| 64QAM | 710 | 23790 | 10 | 25 | 25 | 20.71 |
| 64QAM | 710 | 23790 | 10 | 50 | 0 | 20.57 |
| 64QAM | 711 | 23800 | 10 | 1 | 0 | 21.97 |
| 64QAM | 711 | 23800 | 10 | 1 | 25 | 22.04 |
| 64QAM | 711 | 23800 | 10 | 1 | 49 | 22.04 |
| 64QAM | 711 | 23800 | 10 | 25 | 0 | 20.61 |
| 64QAM | 711 | 23800 | 10 | 25 | 12 | 20.16 |
| 64QAM | 711 | 23800 | 10 | 25 | 25 | 20.71 |
| 64QAM | 711 | 23800 | 10 | 50 | 0 | 20.61 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK | 709 | 23780 | 10 | 1 | 0 | 23.11 |
| QPSK | 709 | 23780 | 10 | 1 | 25 | 23.02 |
| QPSK | 709 | 23780 | 10 | 1 | 49 | 22.98 |
| QPSK | 709 | 23780 | 10 | 25 | 0 | 22.34 |
| QPSK | 709 | 23780 | 10 | 25 | 12 | 22.33 |
| QPSK | 709 | 23780 | 10 | 25 | 25 | 22.41 |
| QPSK | 709 | 23780 | 10 | 50 | 0 | 22.43 |
| QPSK | 710 | 23790 | 10 | 1 | 0 | 22.94 |
| QPSK | 710 | 23790 | 10 | 1 | 25 | 23.05 |
| QPSK | 710 | 23790 | 10 | 1 | 49 | 22.92 |
| QPSK | 710 | 23790 | 10 | 25 | 0 | 22.36 |
| QPSK | 710 | 23790 | 10 | 25 | 12 | 22.43 |
| QPSK | 710 | 23790 | 10 | 25 | 25 | 22.31 |
| QPSK | 710 | 23790 | 10 | 50 | 0 | 22.40 |
| QPSK | 711 | 23800 | 10 | 1 | 0 | 22.79 |
| QPSK | 711 | 23800 | 10 | 1 | 25 | 22.85 |
| QPSK | 711 | 23800 | 10 | 1 | 49 | 22.99 |
| QPSK | 711 | 23800 | 10 | 25 | 0 | 22.29 |
| QPSK | 711 | 23800 | 10 | 25 | 12 | 22.42 |
| QPSK | 711 | 23800 | 10 | 25 | 25 | 22.37 |
| QPSK | 711 | 23800 | 10 | 50 | 0 | 22.51 |

2 Occupied Bandwidth

| Band | Mode | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of 99% Power (MHz) | |
|------|------|-------------------------|---------|----------|---------|-----------|------------------------------|-------|
| 17 | QPSK | 706.5 | 23755 | 5 | 25 | 0 | 4.460 | Fig.1 |
| 17 | QPSK | 710 | 23790 | 5 | 25 | 0 | 4.460 | Fig.2 |
| 17 | QPSK | 713.5 | 23825 | 5 | 25 | 0 | 4.450 | Fig.3 |
| 17 | QPSK | 709 | 23780 | 10 | 50 | 0 | 8.930 | Fig.4 |
| 17 | QPSK | 710 | 23790 | 10 | 50 | 0 | 8.910 | Fig.5 |
| 17 | QPSK | 711 | 23800 | 10 | 50 | 0 | 8.910 | Fig.6 |

| Band | Mode | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of 99% Power (MHz) | |
|------|-------|-------------------------|---------|----------|---------|-----------|------------------------------|--------|
| 17 | 16QAM | 706.5 | 23755 | 5 | 25 | 0 | 4.450 | Fig.7 |
| 17 | 16QAM | 710 | 23790 | 5 | 25 | 0 | 4.440 | Fig.8 |
| 17 | 16QAM | 713.5 | 23825 | 5 | 25 | 0 | 4.460 | Fig.9 |
| 17 | 16QAM | 709 | 23780 | 10 | 50 | 0 | 8.920 | Fig.10 |
| 17 | 16QAM | 710 | 23790 | 10 | 50 | 0 | 8.910 | Fig.11 |
| 17 | 16QAM | 711 | 23800 | 10 | 50 | 0 | 8.900 | Fig.12 |

| Band | Mode | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of 99% Power (MHz) | |
|------|-------|-------------------------|---------|----------|---------|-----------|------------------------------|--------|
| 17 | 64QAM | 706.5 | 23755 | 5 | 25 | 0 | 4.460 | Fig.13 |
| 17 | 64QAM | 710 | 23790 | 5 | 25 | 0 | 4.460 | Fig.14 |
| 17 | 64QAM | 713.5 | 23825 | 5 | 25 | 0 | 4.460 | Fig.15 |
| 17 | 64QAM | 709 | 23780 | 10 | 50 | 0 | 8.910 | Fig.16 |
| 17 | 64QAM | 710 | 23790 | 10 | 50 | 0 | 8.910 | Fig.17 |
| 17 | 64QAM | 711 | 23800 | 10 | 50 | 0 | 8.910 | Fig.18 |

Test Mode: QPSK

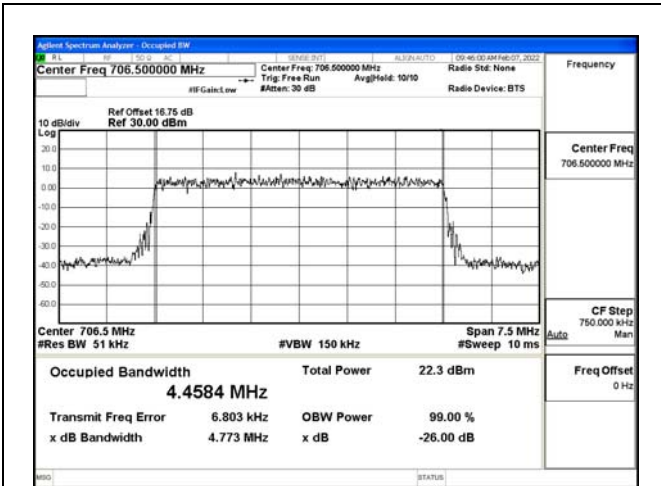


Fig.1

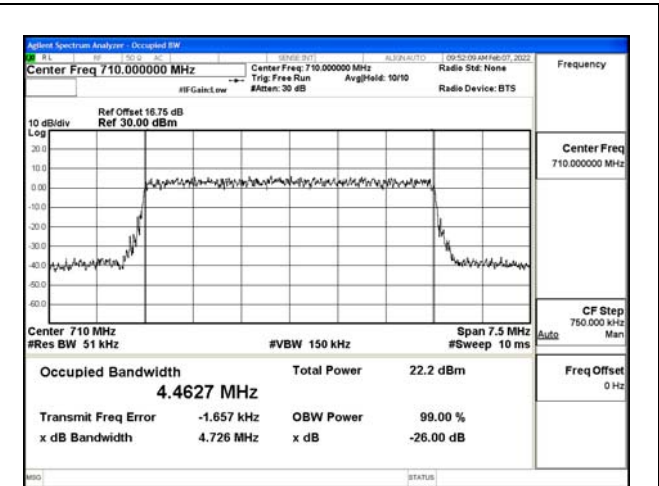


Fig.2

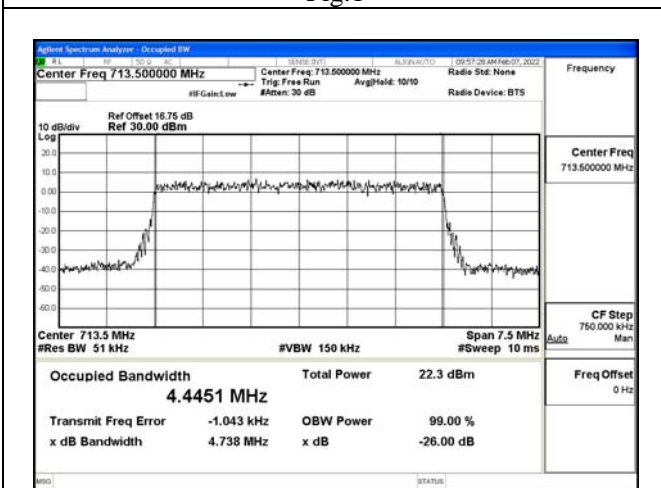


Fig.3

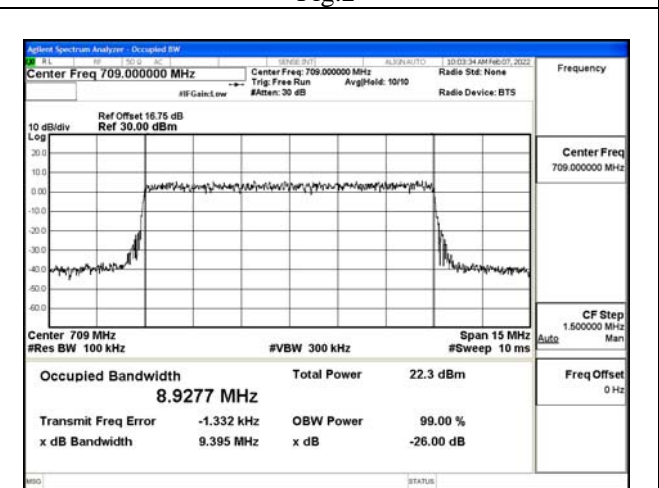


Fig.4

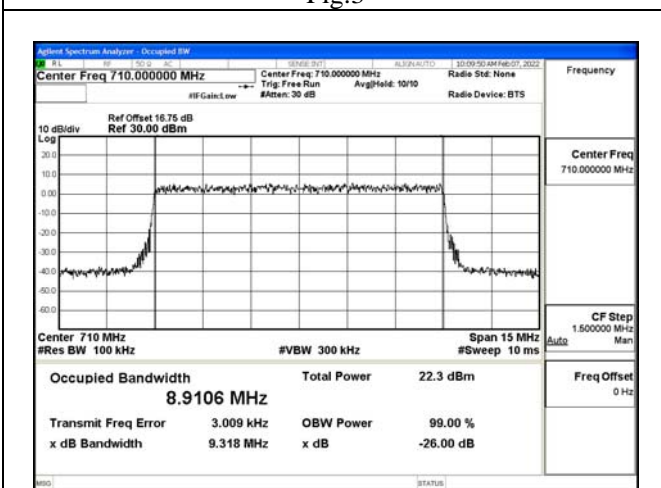


Fig.5

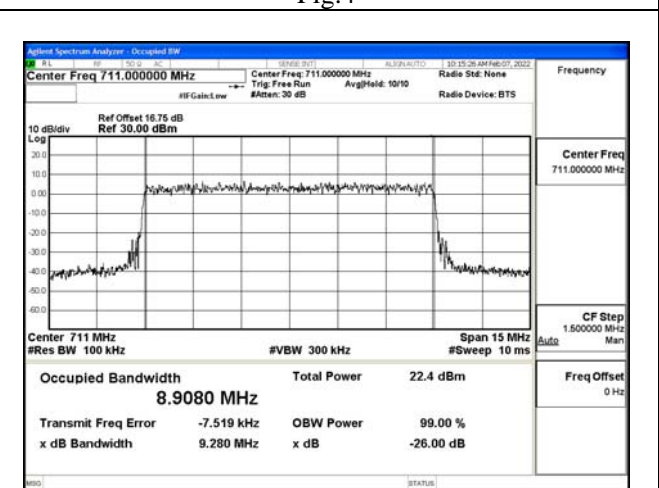


Fig.6

Test Mode: 16QAM

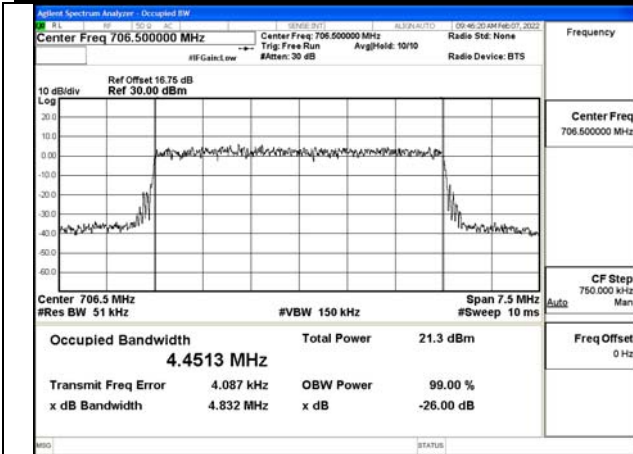


Fig.7

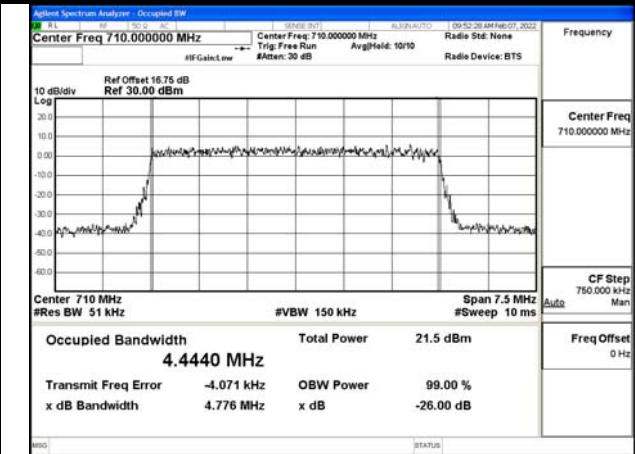


Fig.8

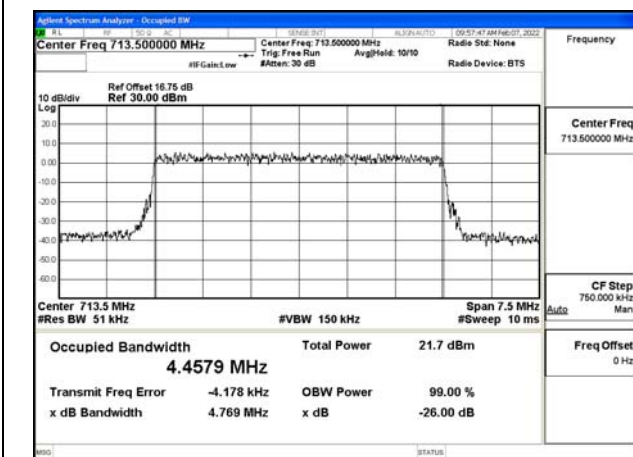


Fig.9

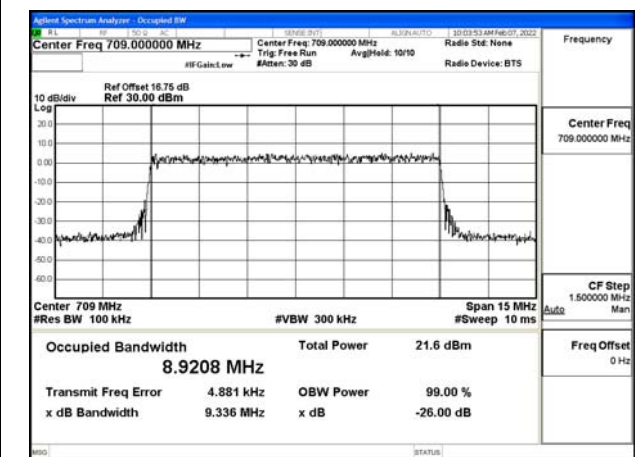


Fig.10

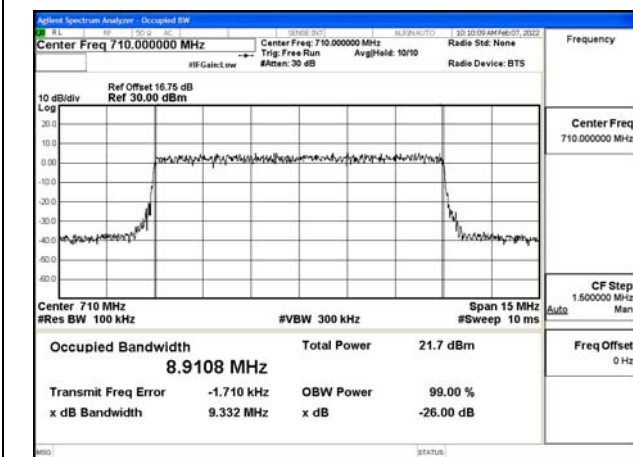


Fig.11

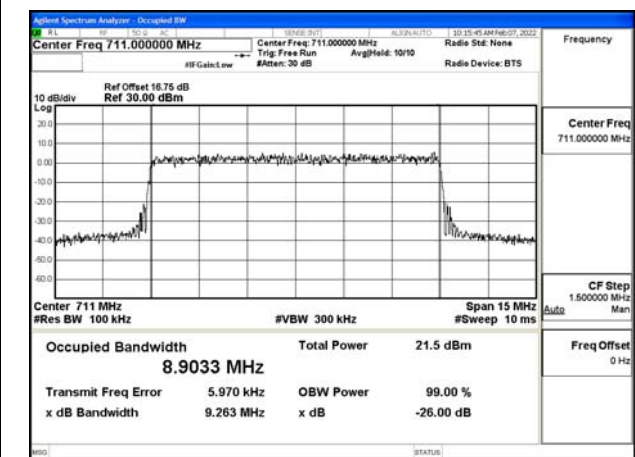


Fig.12

Test Mode: 64QAM

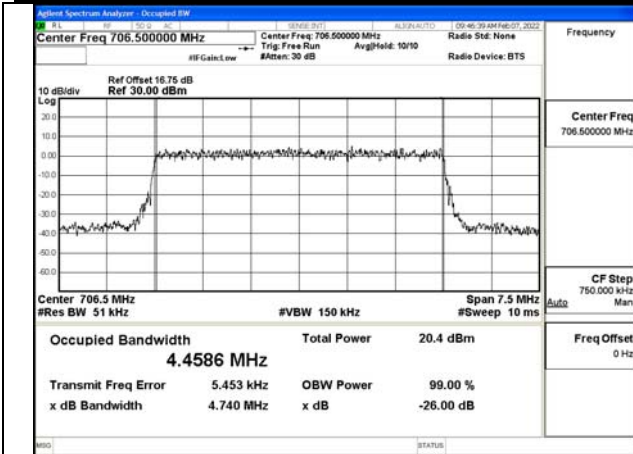


Fig.13

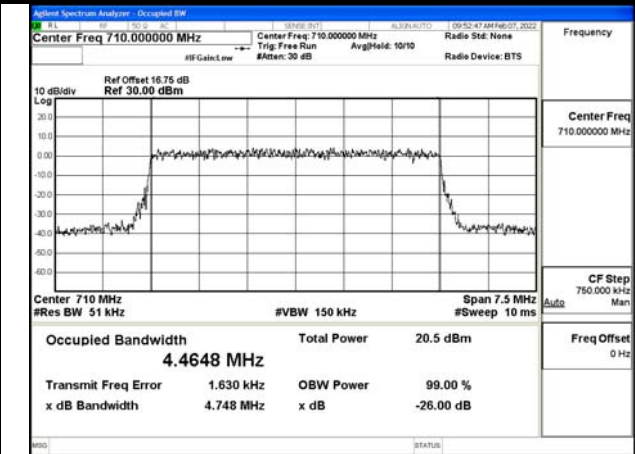


Fig.14

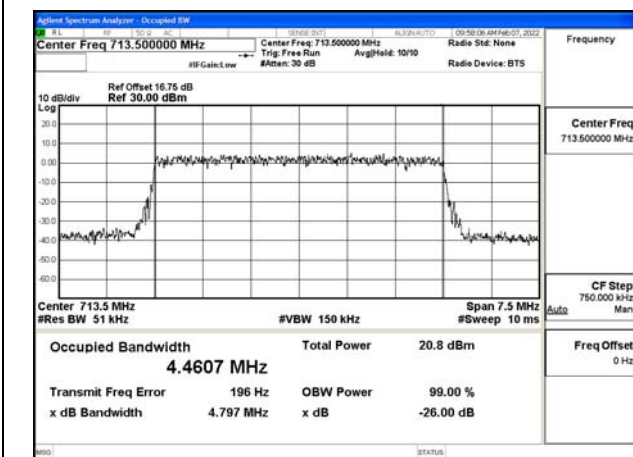


Fig.15

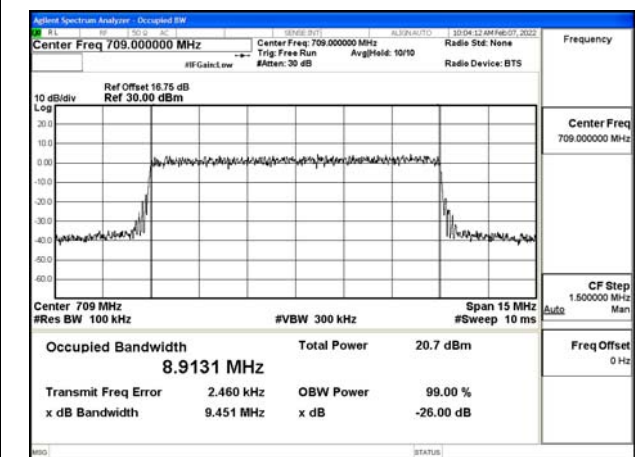


Fig.16

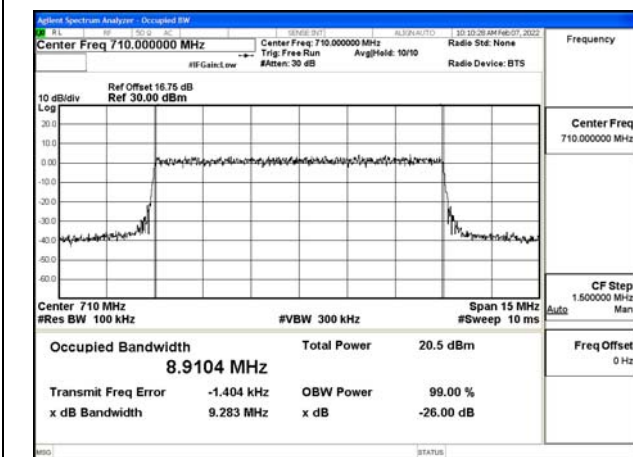


Fig.17

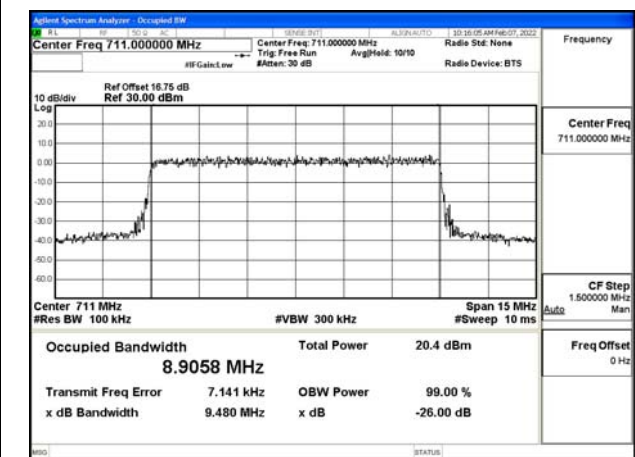


Fig.18

3 Emission Bandwidth

| Band | Mode | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of -26dB transmitter power (MHz) | |
|------|------|-------------------------|---------|----------|---------|-----------|--|-------|
| 17 | QPSK | 706.5 | 23755 | 5 | 25 | 0 | 4.770 | Fig.1 |
| 17 | QPSK | 710 | 23790 | 5 | 25 | 0 | 4.730 | Fig.2 |
| 17 | QPSK | 713.5 | 23825 | 5 | 25 | 0 | 4.740 | Fig.3 |
| 17 | QPSK | 709 | 23780 | 10 | 50 | 0 | 9.400 | Fig.4 |
| 17 | QPSK | 710 | 23790 | 10 | 50 | 0 | 9.320 | Fig.5 |
| 17 | QPSK | 711 | 23800 | 10 | 50 | 0 | 9.280 | Fig.6 |

| Band | Mode | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of -26dB transmitter power (MHz) | |
|------|-------|-------------------------|---------|----------|---------|-----------|--|--------|
| 17 | 16QAM | 706.5 | 23755 | 5 | 25 | 0 | 4.830 | Fig.7 |
| 17 | 16QAM | 710 | 23790 | 5 | 25 | 0 | 4.780 | Fig.8 |
| 17 | 16QAM | 713.5 | 23825 | 5 | 25 | 0 | 4.770 | Fig.9 |
| 17 | 16QAM | 709 | 23780 | 10 | 50 | 0 | 9.340 | Fig.10 |
| 17 | 16QAM | 710 | 23790 | 10 | 50 | 0 | 9.330 | Fig.11 |
| 17 | 16QAM | 711 | 23800 | 10 | 50 | 0 | 9.260 | Fig.12 |

| Band | Mode | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of -26dB transmitter power (MHz) | |
|------|-------|-------------------------|---------|----------|---------|-----------|--|--------|
| 17 | 64QAM | 706.5 | 23755 | 5 | 25 | 0 | 4.740 | Fig.13 |
| 17 | 64QAM | 710 | 23790 | 5 | 25 | 0 | 4.750 | Fig.14 |
| 17 | 64QAM | 713.5 | 23825 | 5 | 25 | 0 | 4.800 | Fig.15 |
| 17 | 64QAM | 709 | 23780 | 10 | 50 | 0 | 9.450 | Fig.16 |
| 17 | 64QAM | 710 | 23790 | 10 | 50 | 0 | 9.280 | Fig.17 |
| 17 | 64QAM | 711 | 23800 | 10 | 50 | 0 | 9.480 | Fig.18 |

Test Mode: QPSK

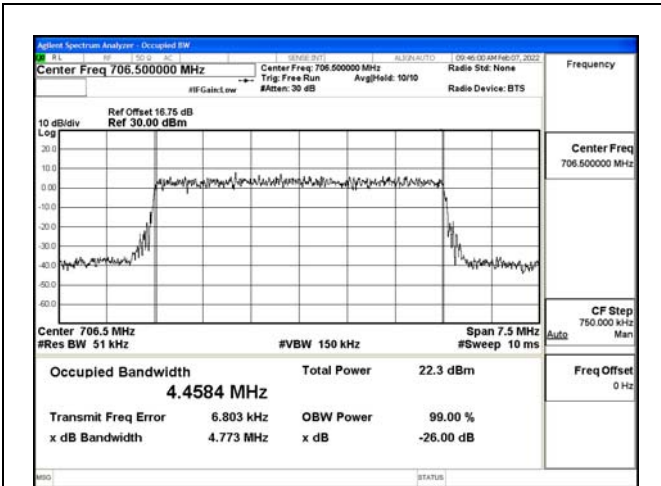


Fig.1

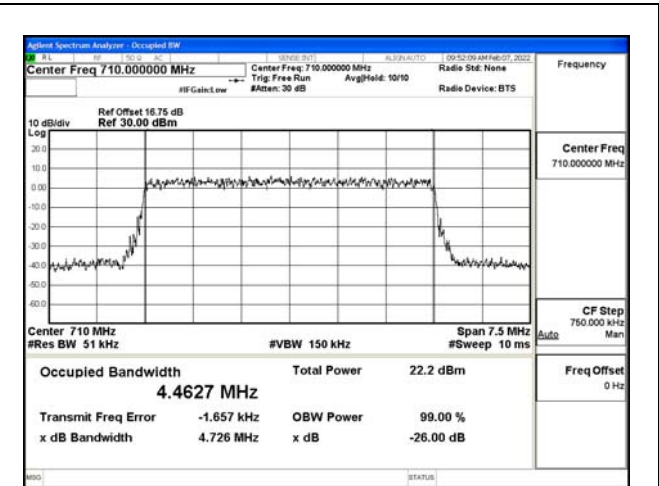


Fig.2

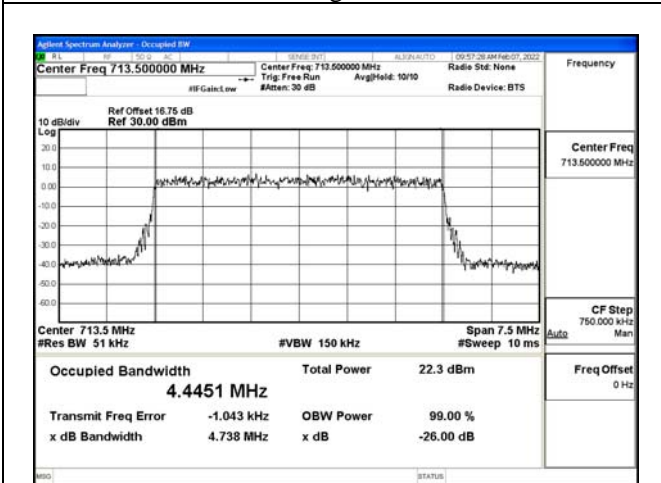


Fig.3

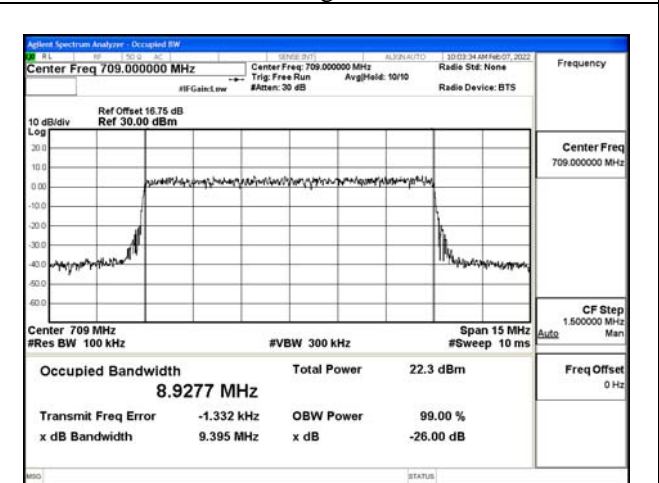


Fig.4

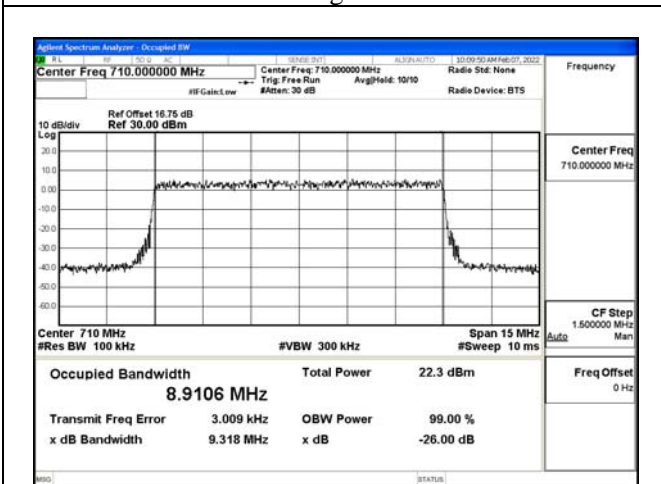


Fig.5

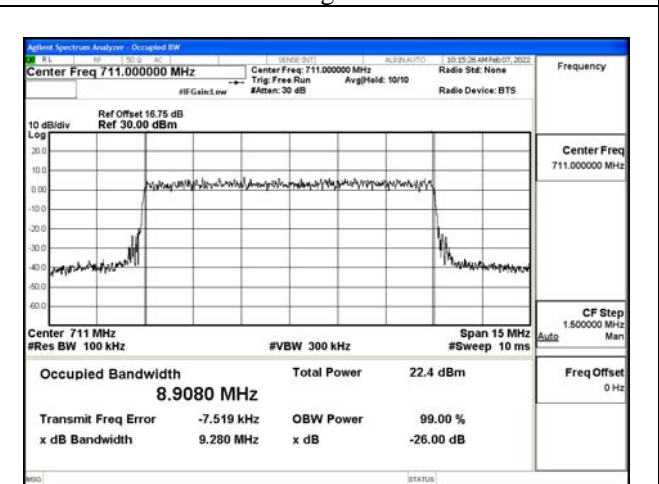


Fig.6

Test Mode: 16QAM

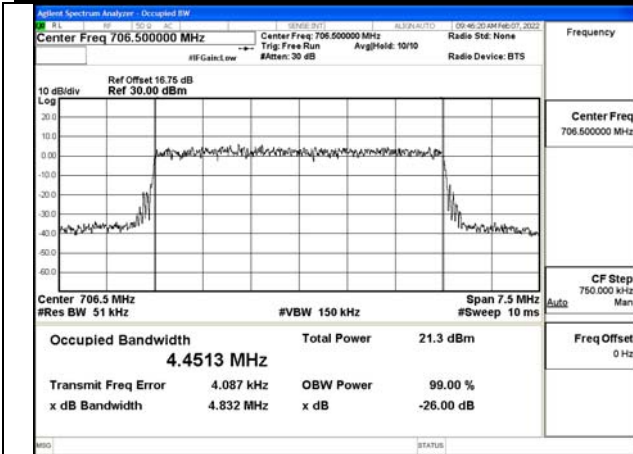


Fig.7

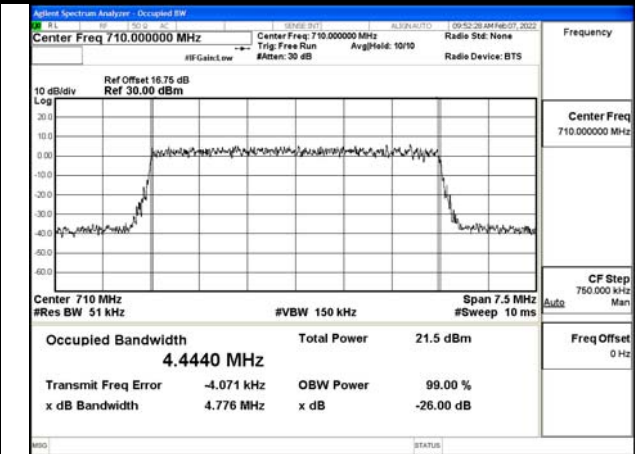


Fig.8

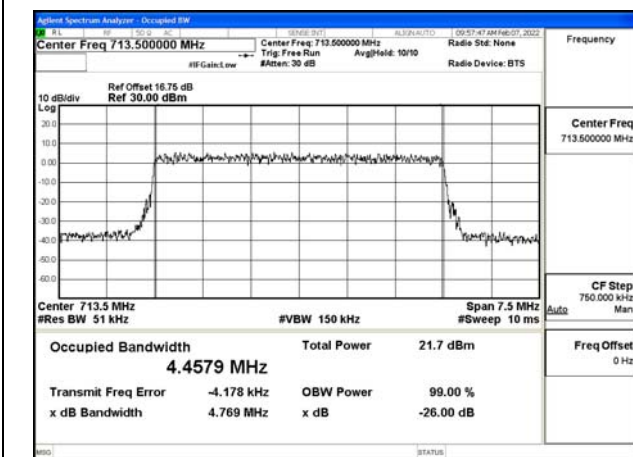


Fig.9

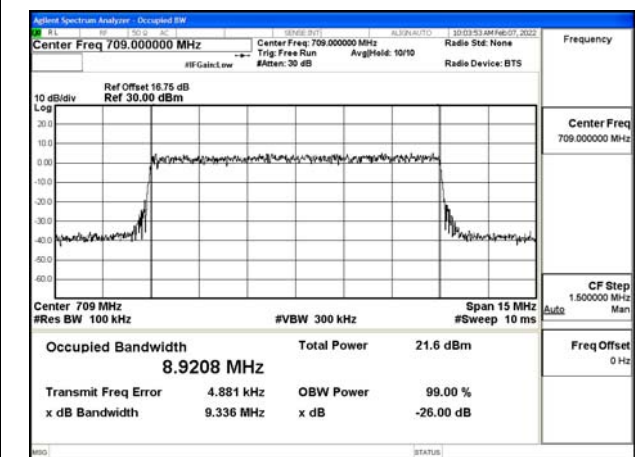


Fig.10

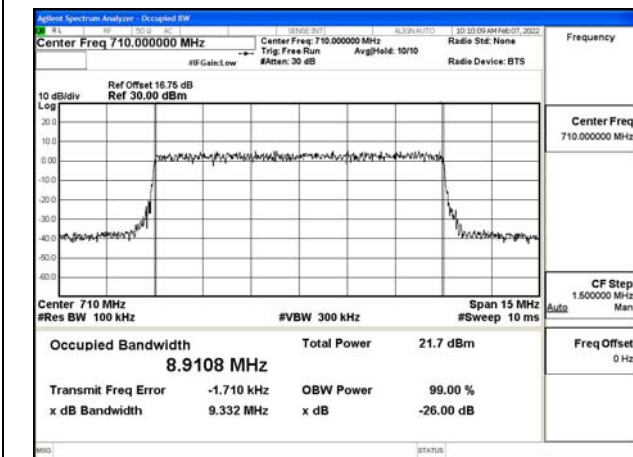


Fig.11

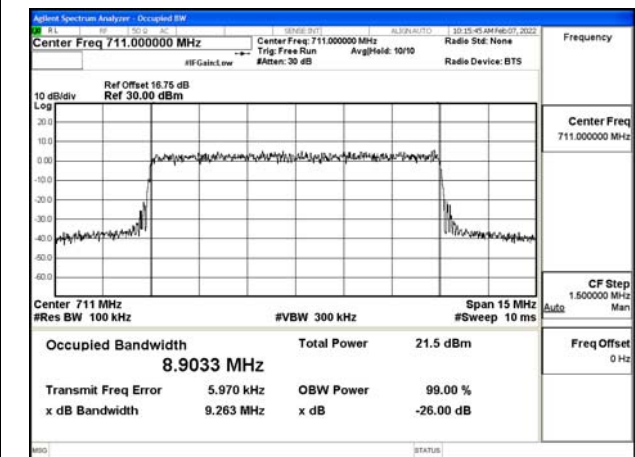


Fig.12

Test Mode: 64QAM

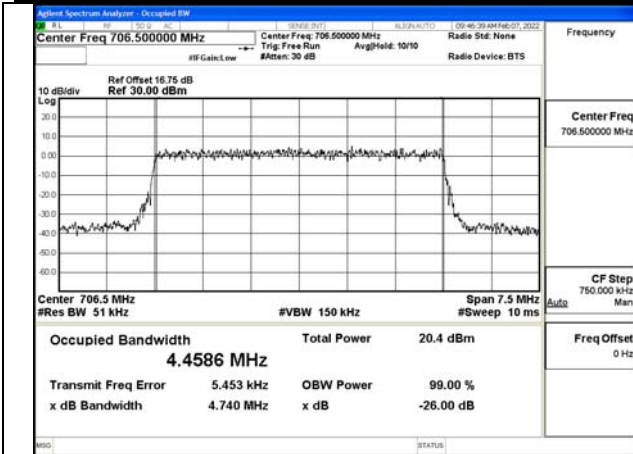


Fig.13

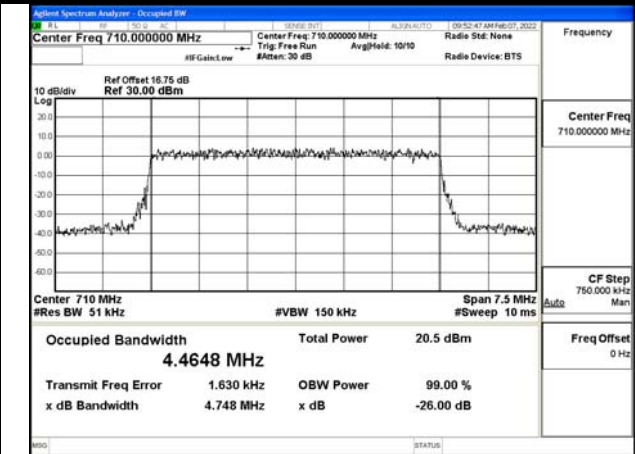


Fig.14

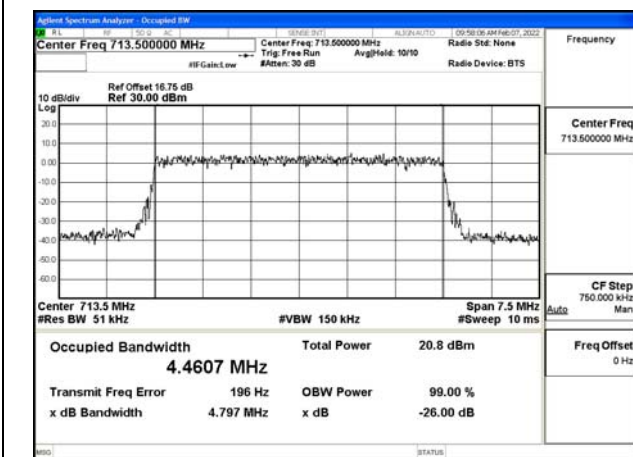


Fig.15

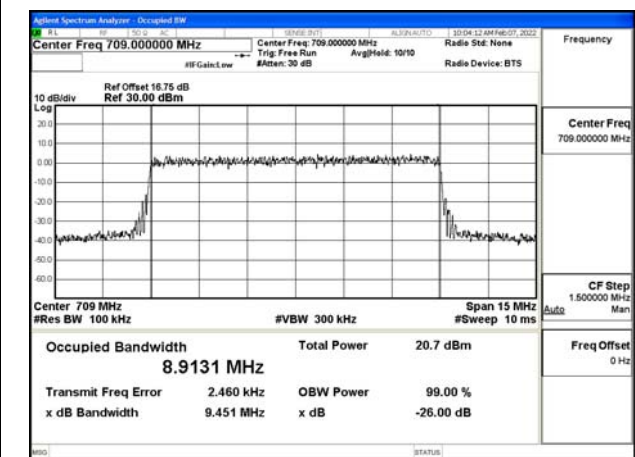


Fig.16

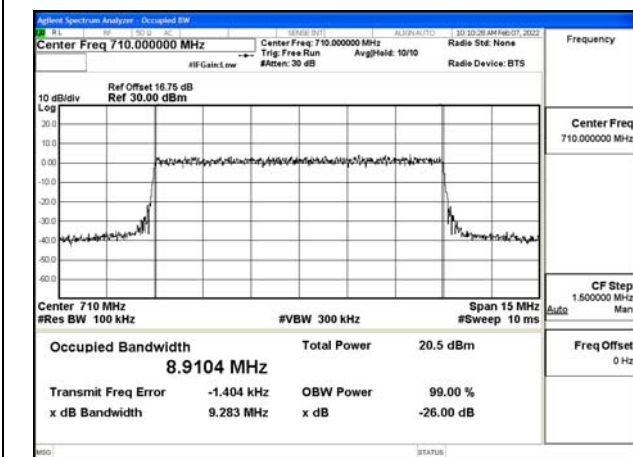


Fig.17

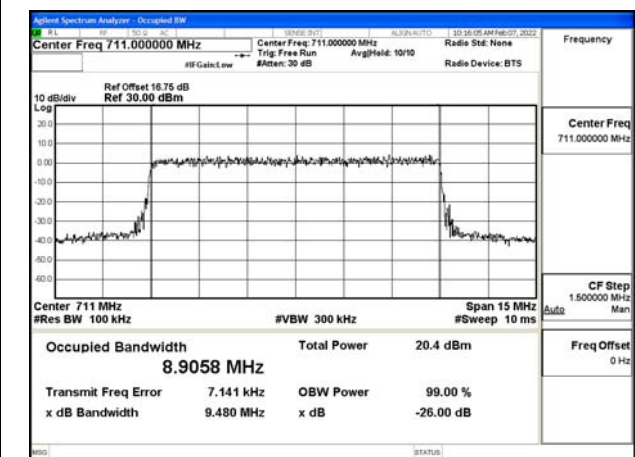


Fig.18

4 Peak-Average Ratio

| Band | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | QPSK | 16-QAM | 64-QAM |
|------|-------------------------|---------|----------|---------|-----------|--------|--------|--------|
| 17 | 706.5 | 23755 | 5 | 1 | 24 | Fig.1 | Fig.2 | Fig.3 |
| 17 | 706.5 | 23755 | 5 | 25 | 0 | Fig.4 | Fig.5 | Fig.6 |
| 17 | 710 | 23790 | 5 | 1 | 24 | Fig.7 | Fig.8 | Fig.9 |
| 17 | 710 | 23790 | 5 | 25 | 0 | Fig.10 | Fig.11 | Fig.12 |
| 17 | 713.5 | 23825 | 5 | 1 | 24 | Fig.13 | Fig.14 | Fig.15 |
| 17 | 713.5 | 23825 | 5 | 25 | 0 | Fig.16 | Fig.17 | Fig.18 |
| 17 | 709 | 23780 | 10 | 1 | 49 | Fig.19 | Fig.20 | Fig.21 |
| 17 | 709 | 23780 | 10 | 50 | 0 | Fig.22 | Fig.23 | Fig.24 |
| 17 | 710 | 23790 | 10 | 1 | 49 | Fig.25 | Fig.26 | Fig.27 |
| 17 | 710 | 23790 | 10 | 50 | 0 | Fig.28 | Fig.29 | Fig.30 |
| 17 | 711 | 23800 | 10 | 1 | 49 | Fig.31 | Fig.32 | Fig.33 |
| 17 | 711 | 23800 | 10 | 50 | 0 | Fig.34 | Fig.35 | Fig.36 |

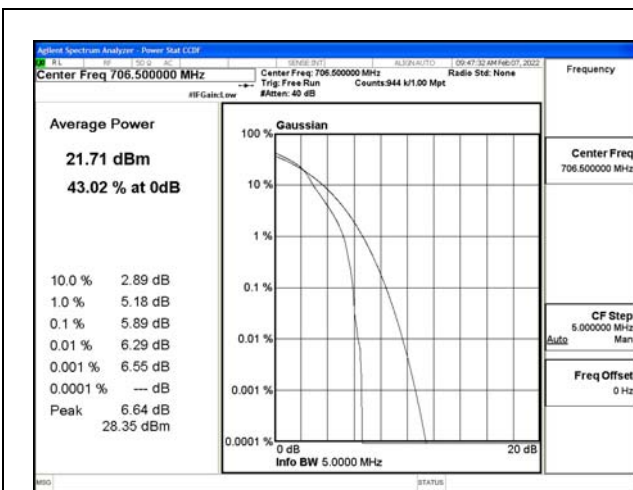


Fig.1

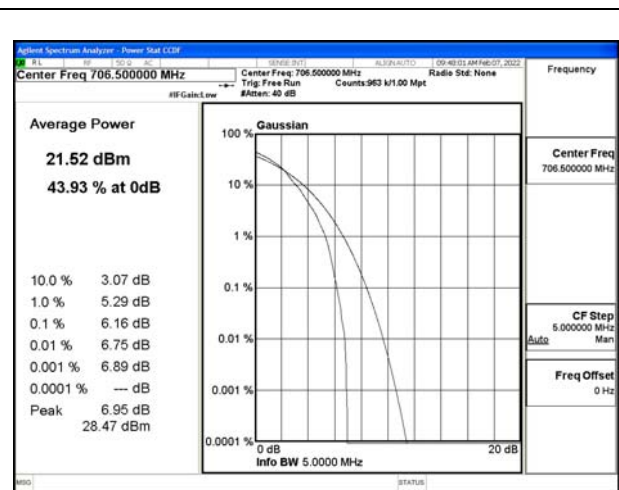


Fig.2

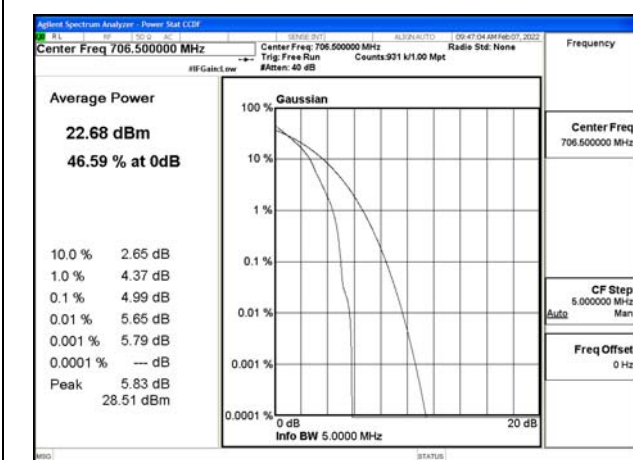


Fig.3

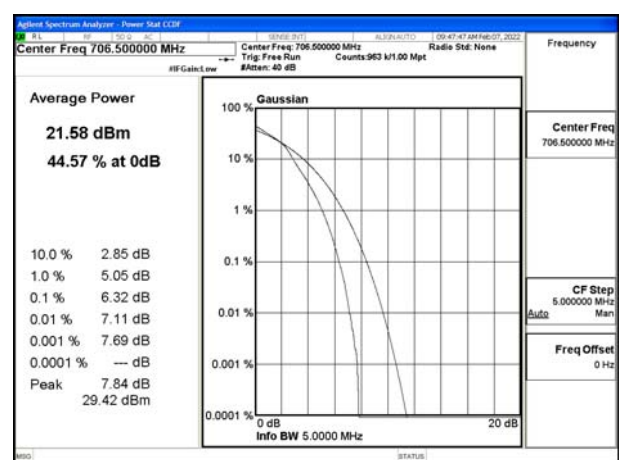


Fig.4

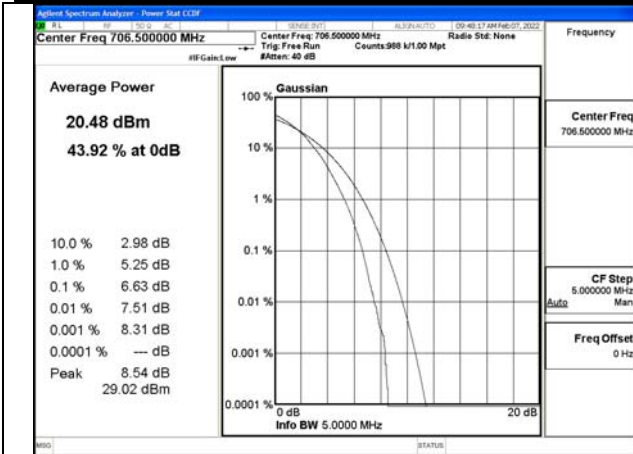


Fig.5

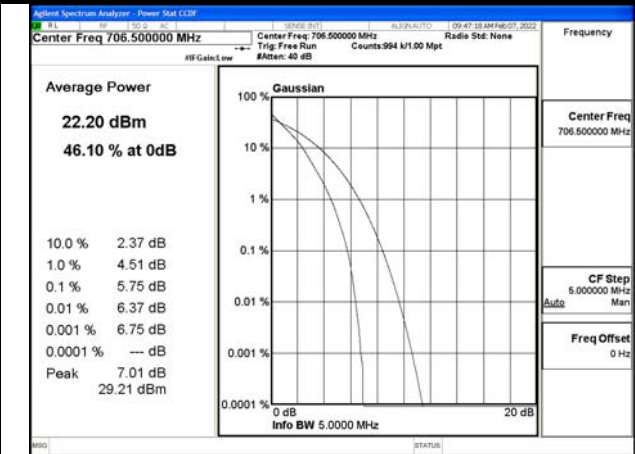


Fig.6

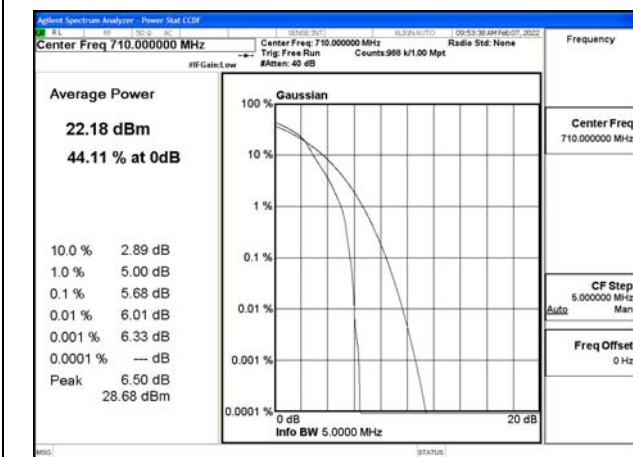


Fig.7

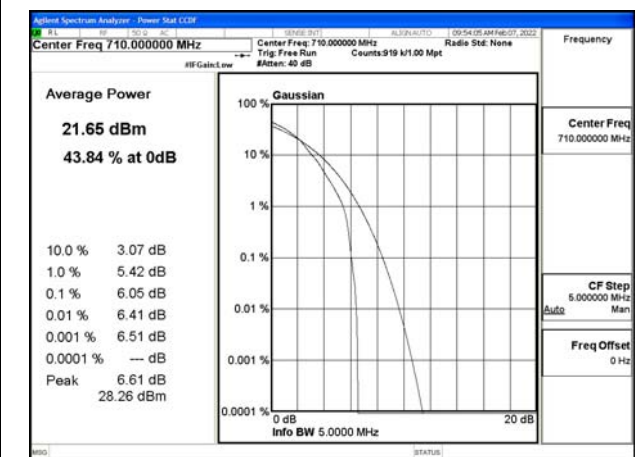


Fig.8

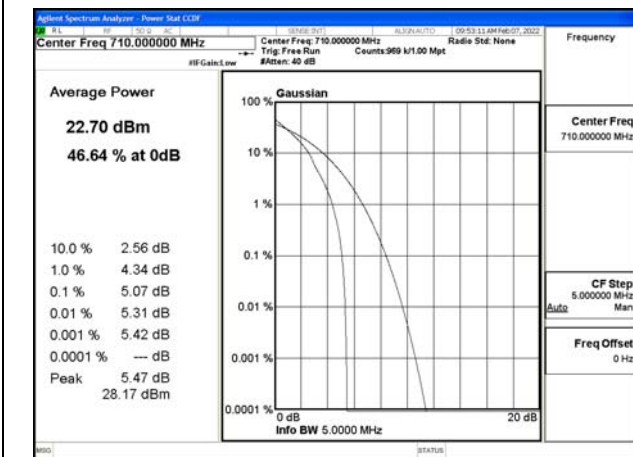


Fig.9

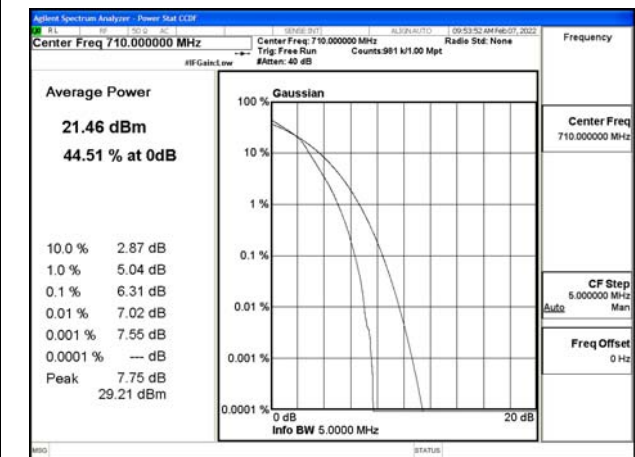


Fig.10

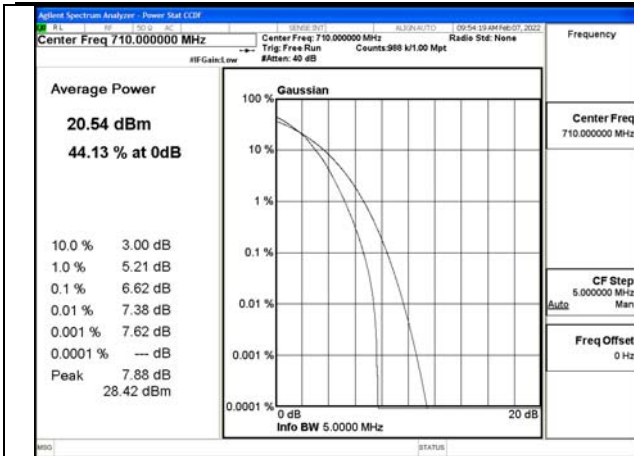


Fig.11

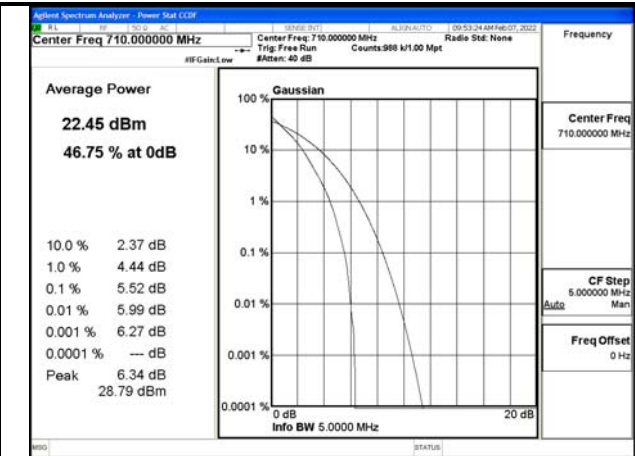


Fig.12

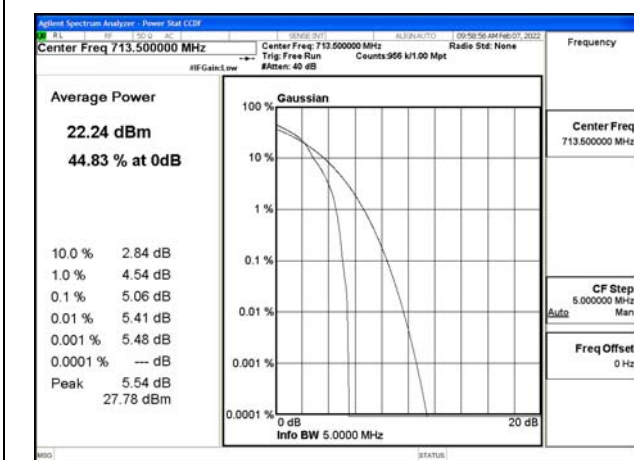


Fig.13

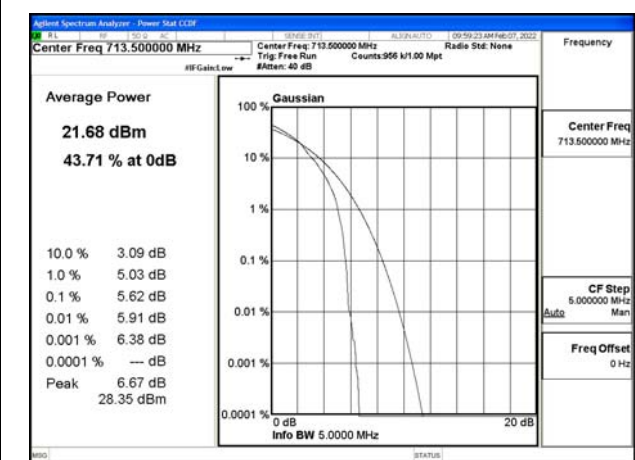


Fig.14

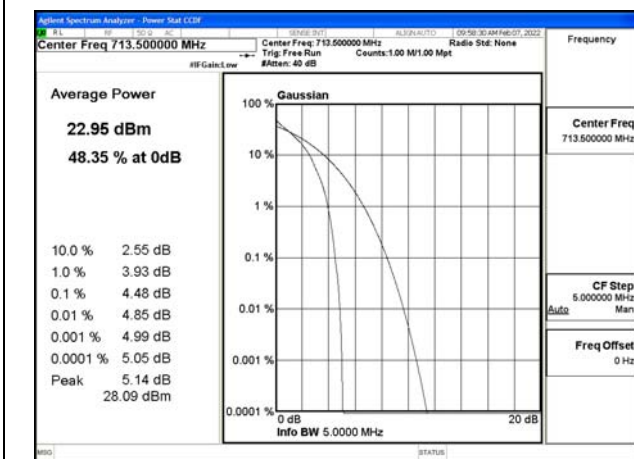


Fig.15

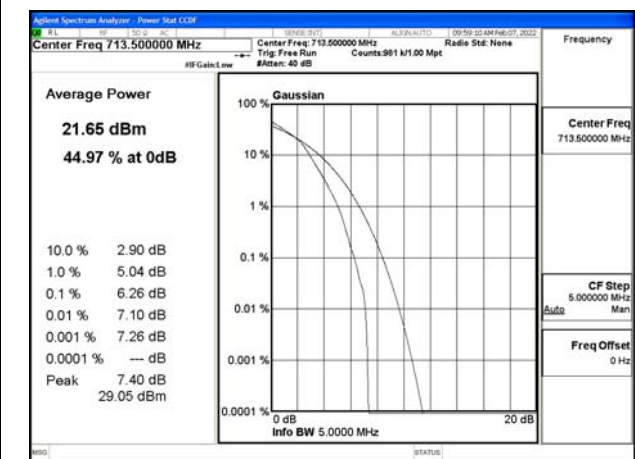


Fig.16

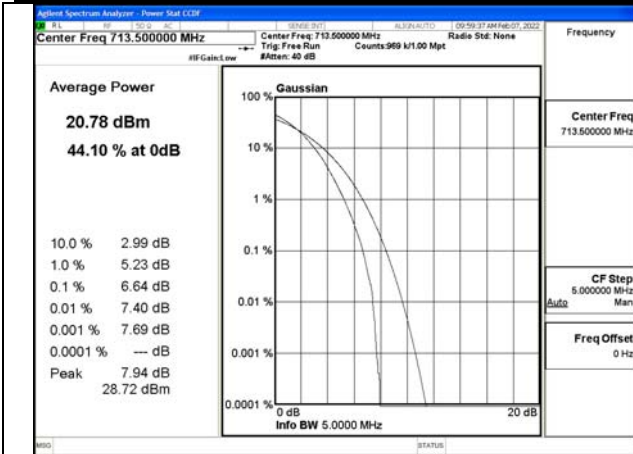


Fig.17

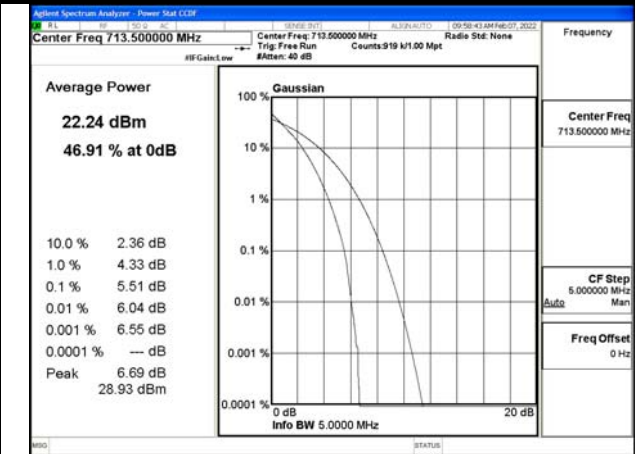


Fig.18

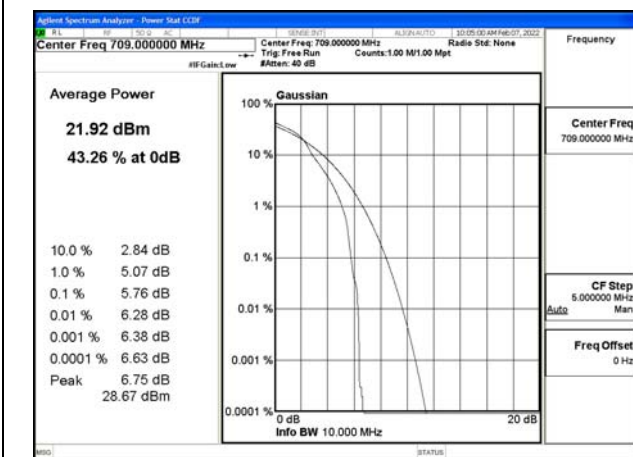


Fig.19

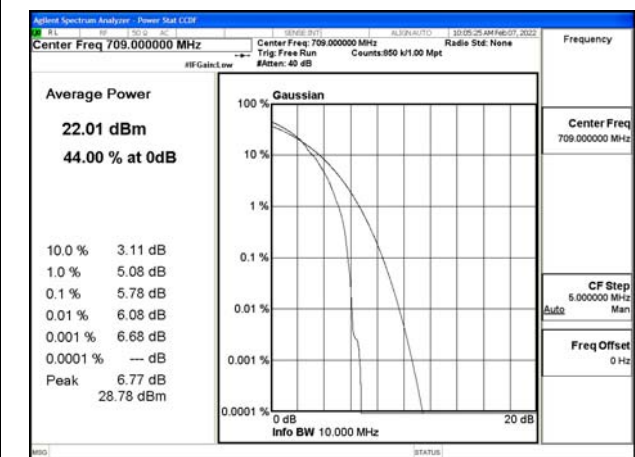


Fig.20

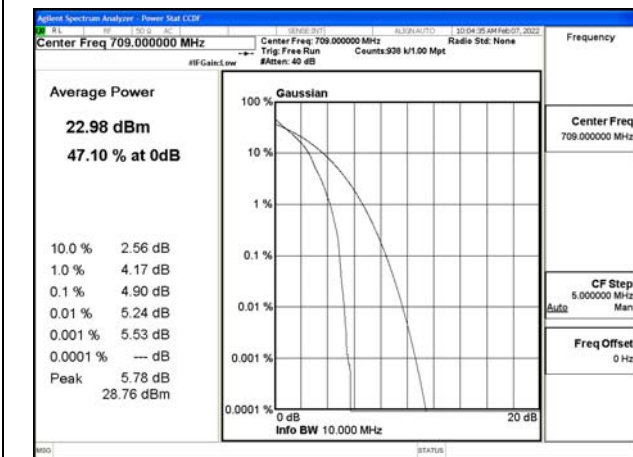


Fig.21

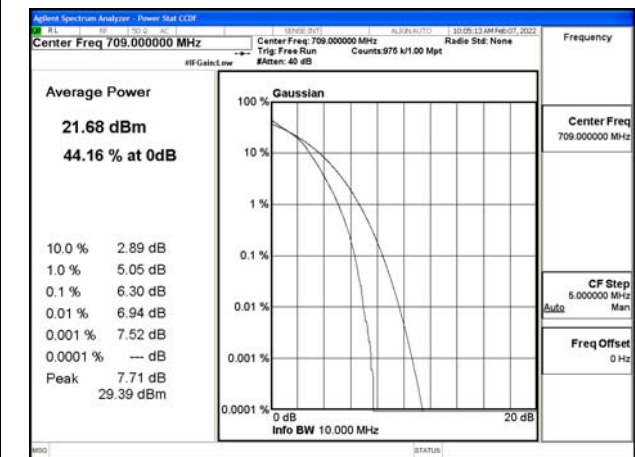


Fig.22

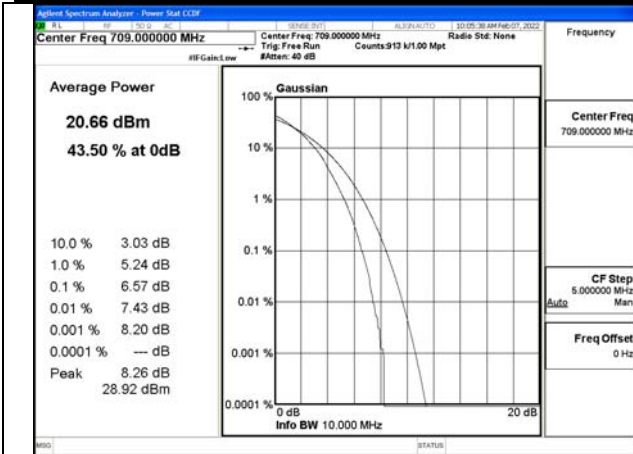


Fig.23

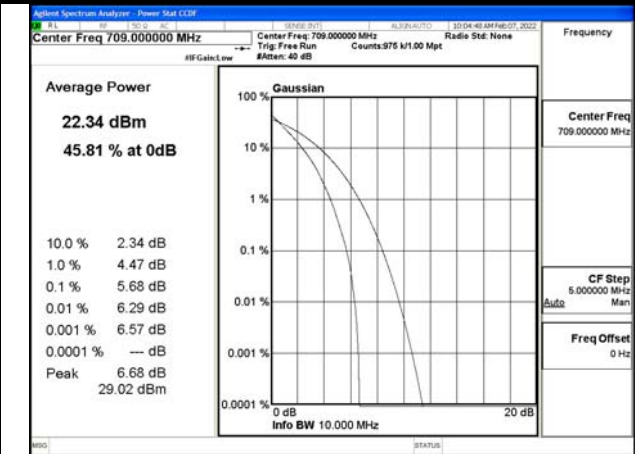


Fig.24

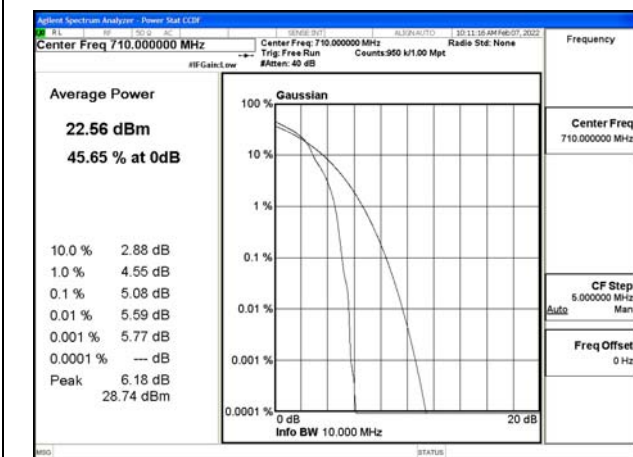


Fig.25

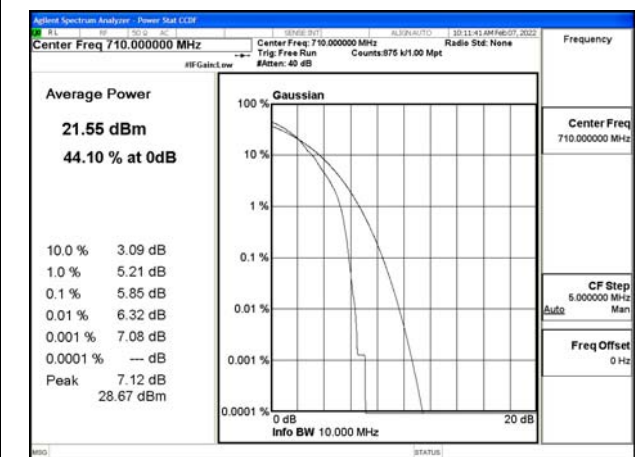


Fig.26

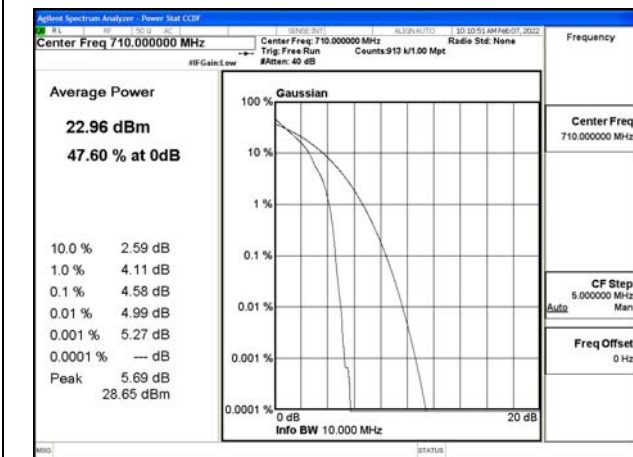


Fig.27

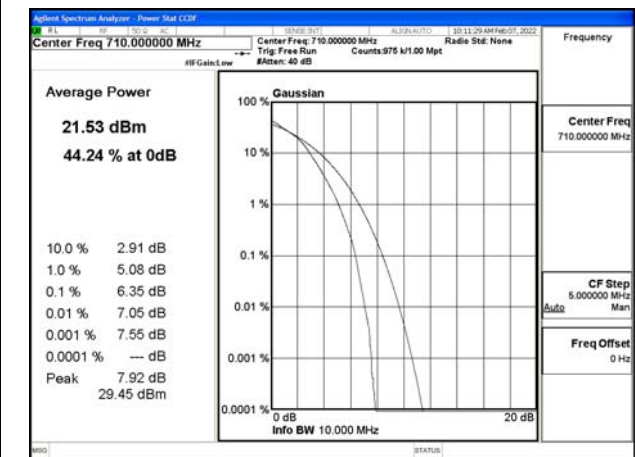


Fig.28

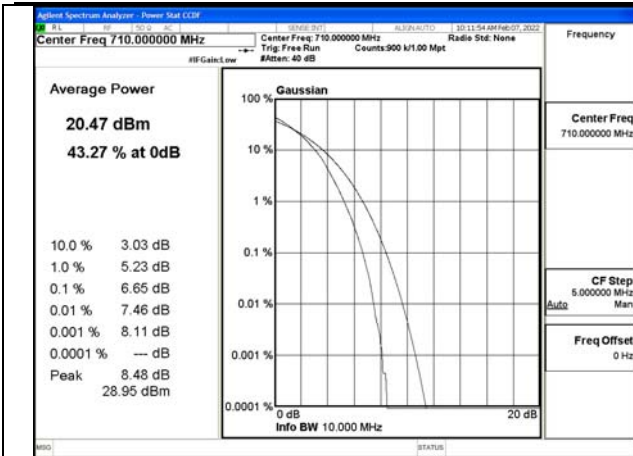


Fig.29

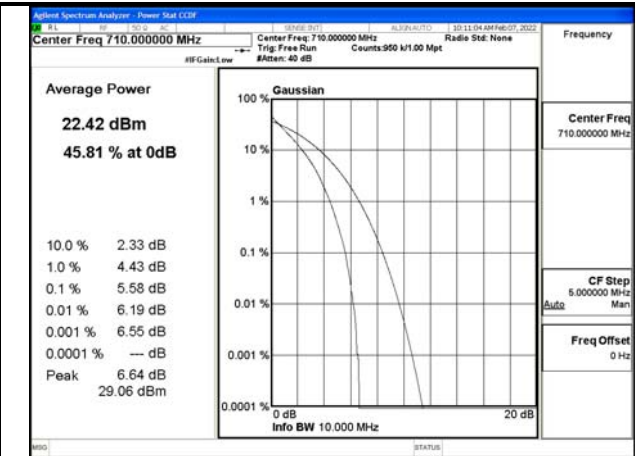


Fig.30

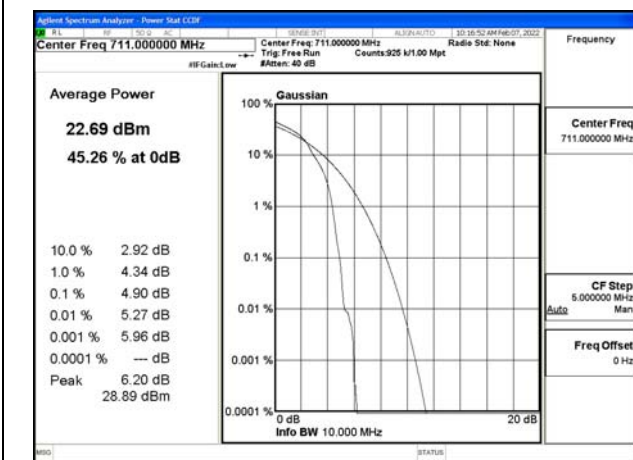


Fig.31

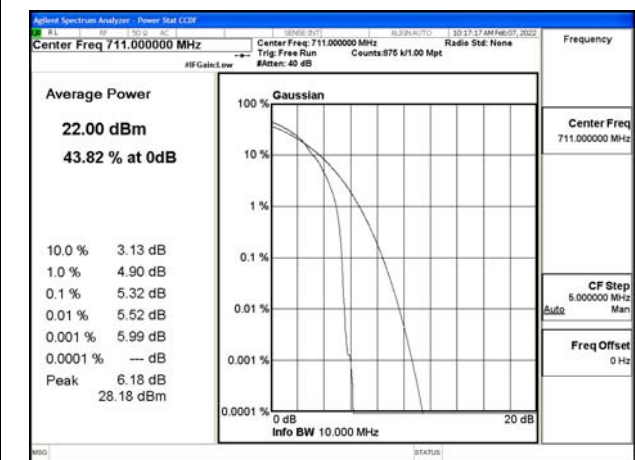


Fig.32

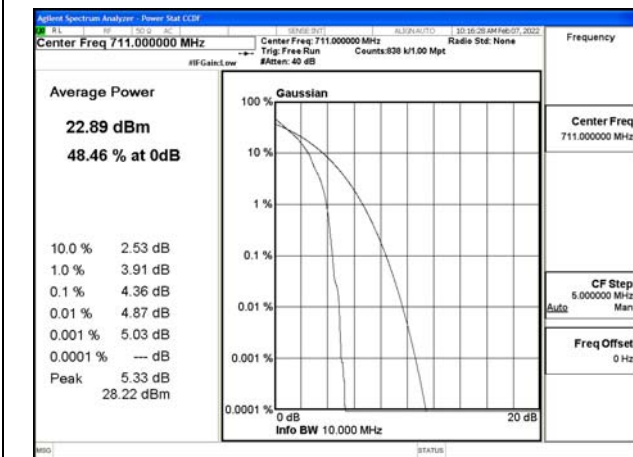


Fig.33

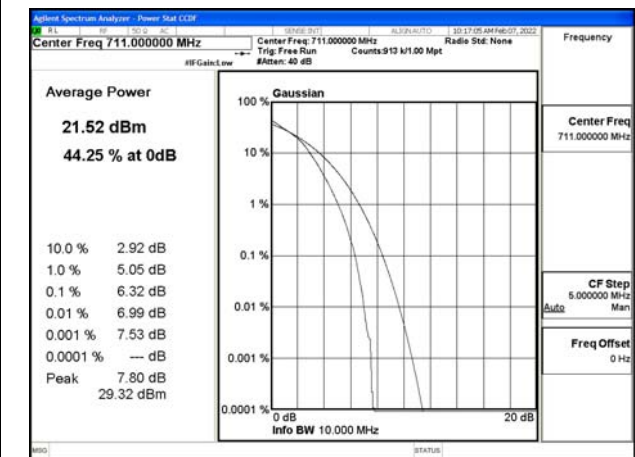


Fig.34

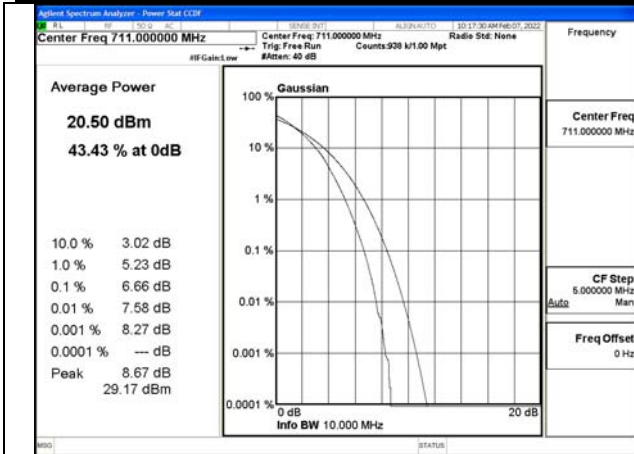


Fig.35

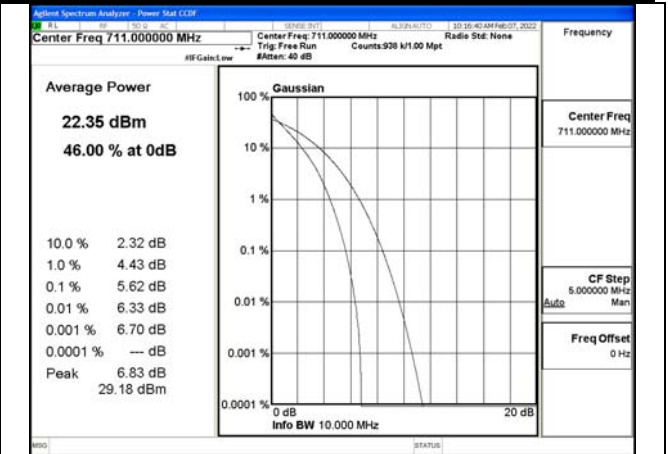


Fig.36

5 Spurious Emissions at antenna terminal

| Band | Carrier frequency (MHz) | Channel | BW | RB Size | RB Offset | Conducted Spurious Plot |
|------|-------------------------|---------|----|---------|-----------|-------------------------|
| | | | | | | QPSK |
| 17 | 709 | 23780 | 10 | 1 | 0 | Fig.1 |
| 17 | 710 | 23790 | 10 | 1 | 0 | Fig.2 |
| 17 | 711 | 23800 | 10 | 1 | 0 | Fig.3 |

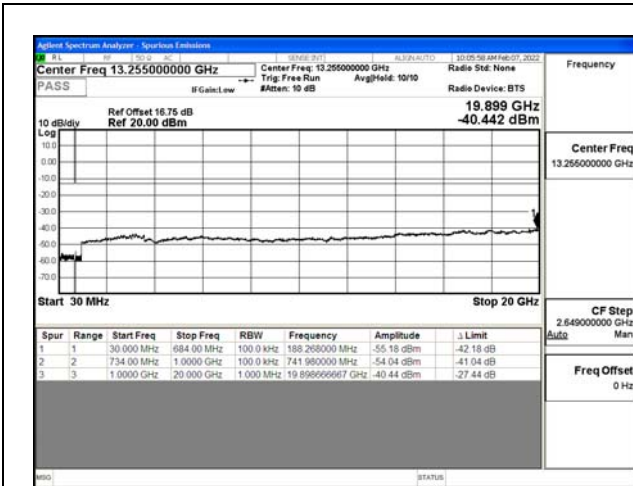


Fig.1

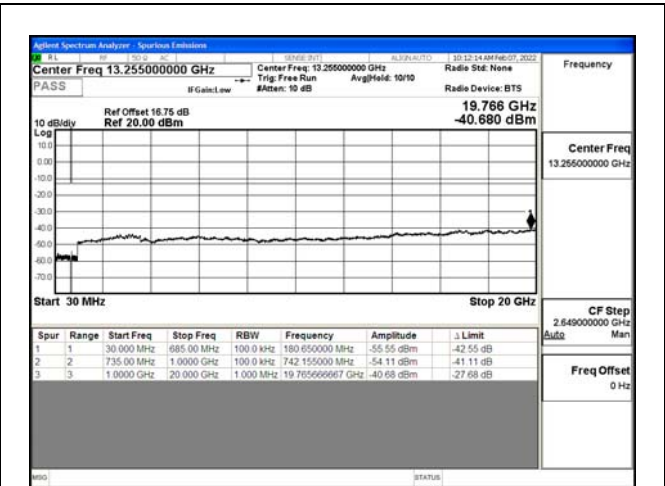


Fig.2

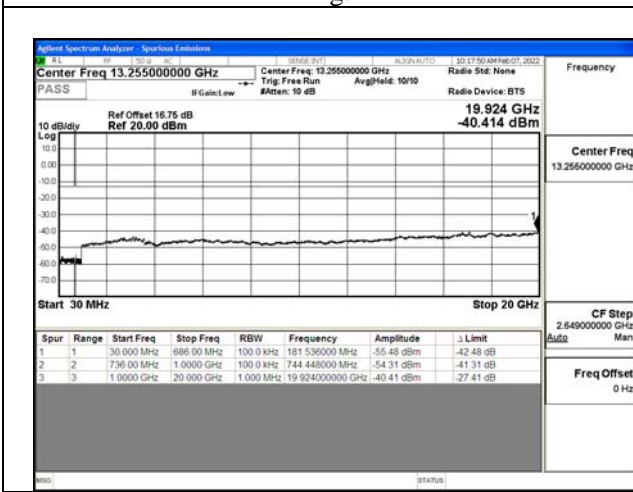
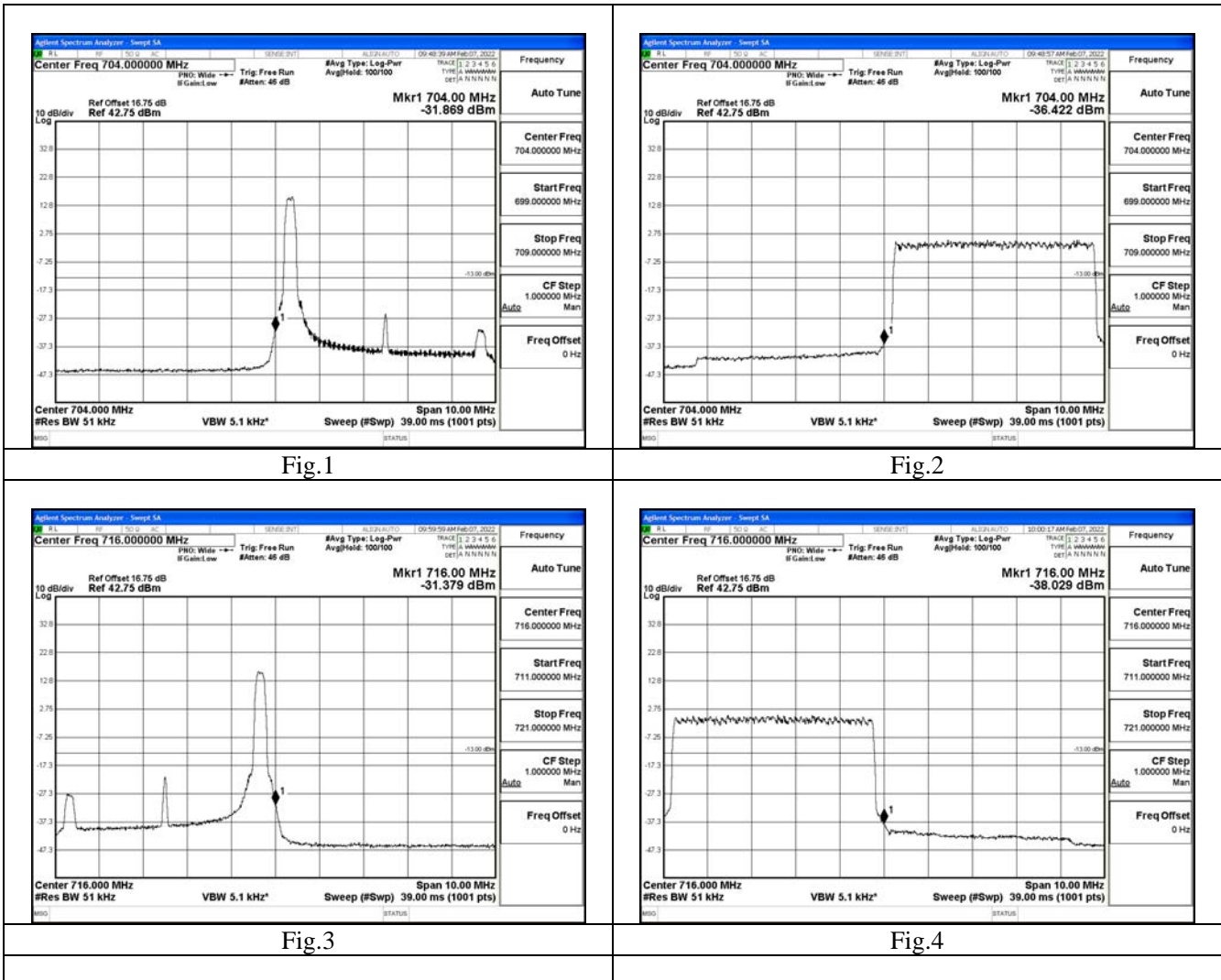


Fig.3

6 Band Edges Compliance

| Band | Mode | Carrier frequency (MHz) | Channel | BW | RB Size | RB Offset | Band Edges Plot |
|------|------|-------------------------|---------|----|---------|-----------|-----------------|
| 17 | QPSK | 706.5 | 23755 | 5 | 1 | 0 | Fig.1 |
| 17 | QPSK | 706.5 | 23755 | 5 | 25 | 0 | Fig.2 |
| 17 | QPSK | 713.5 | 23825 | 5 | 1 | 24 | Fig.3 |
| 17 | QPSK | 713.5 | 23825 | 5 | 25 | 0 | Fig.4 |
| 17 | QPSK | 709 | 23780 | 10 | 1 | 0 | Fig.5 |
| 17 | QPSK | 709 | 23780 | 10 | 50 | 0 | Fig.6 |
| 17 | QPSK | 711 | 23800 | 10 | 1 | 49 | Fig.7 |
| 17 | QPSK | 711 | 23800 | 10 | 50 | 0 | Fig.8 |

Test Mode: QPSK



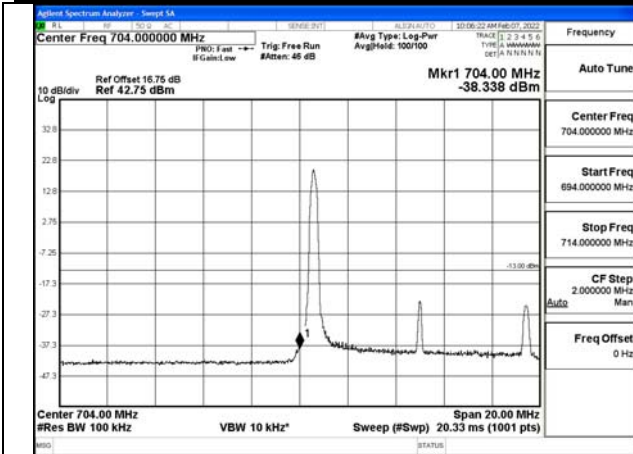


Fig.5

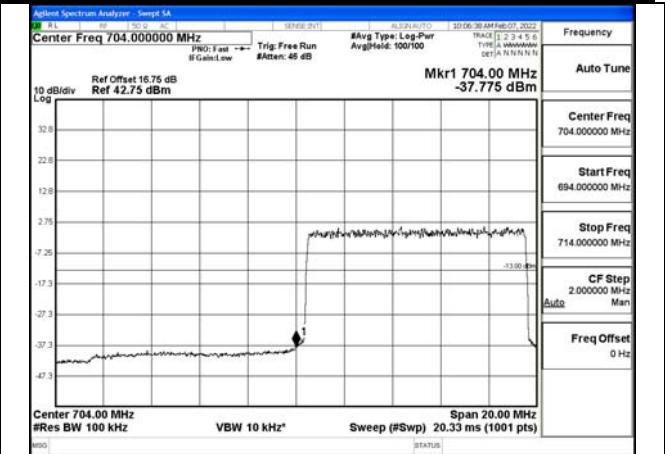


Fig.6

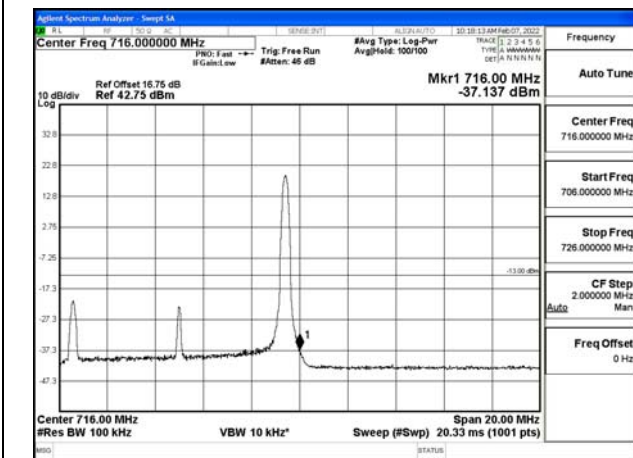


Fig.7

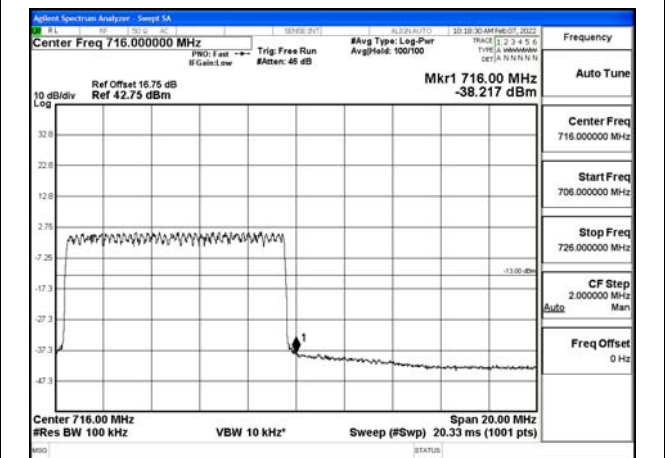


Fig.8

7 Frequency Stability

| Temperature(°C) | Voltage | Test Result (ppm) Band 17 Low Channel QPSK | |
|-----------------|---------|--|--------|
| | | 5M | 10M |
| -10 | NV | -0.007 | -0.012 |
| 0 | NV | -0.060 | -0.065 |
| +10 | NV | -0.058 | -0.035 |
| +30 | NV | -0.039 | -0.043 |
| +40 | NV | -0.056 | -0.025 |
| +55 | NV | 0.026 | 0.019 |
| +20 | LV | -0.046 | -0.067 |
| +20 | HV | -0.070 | -0.012 |

| Temperature(°C) | Voltage | Test Result (ppm) Band 17 High Channel QPSK | |
|-----------------|---------|---|--------|
| | | 5M | 10M |
| -10 | NV | -0.014 | -0.022 |
| 0 | NV | -0.057 | -0.026 |
| +10 | NV | -0.062 | -0.015 |
| +30 | NV | -0.058 | -0.051 |
| +40 | NV | -0.044 | -0.050 |
| +55 | NV | 0.036 | -0.029 |
| +20 | LV | -0.035 | -0.042 |
| +20 | HV | -0.051 | -0.040 |

8 Effective Radiated Power and Effective Isotropic Radiated Power

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|------------------------|-----------------|---------------|
| 16QAM | 706.5 | 23755 | 5 | 1 | 0 | 21.81 | 11.26 | 0.013 |
| 16QAM | 706.5 | 23755 | 5 | 1 | 12 | 21.71 | 11.16 | 0.013 |
| 16QAM | 706.5 | 23755 | 5 | 1 | 24 | 21.68 | 11.13 | 0.013 |
| 16QAM | 706.5 | 23755 | 5 | 12 | 0 | 21.12 | 10.57 | 0.011 |
| 16QAM | 706.5 | 23755 | 5 | 12 | 7 | 21.20 | 10.65 | 0.012 |
| 16QAM | 706.5 | 23755 | 5 | 12 | 13 | 21.41 | 10.86 | 0.012 |
| 16QAM | 706.5 | 23755 | 5 | 25 | 0 | 21.44 | 10.89 | 0.012 |
| 16QAM | 710 | 23790 | 5 | 1 | 0 | 22.30 | 11.75 | 0.015 |
| 16QAM | 710 | 23790 | 5 | 1 | 12 | 22.22 | 11.67 | 0.015 |
| 16QAM | 710 | 23790 | 5 | 1 | 24 | 22.30 | 11.75 | 0.015 |
| 16QAM | 710 | 23790 | 5 | 12 | 0 | 21.32 | 10.77 | 0.012 |
| 16QAM | 710 | 23790 | 5 | 12 | 7 | 21.34 | 10.79 | 0.012 |
| 16QAM | 710 | 23790 | 5 | 12 | 13 | 21.14 | 10.59 | 0.011 |
| 16QAM | 710 | 23790 | 5 | 25 | 0 | 21.17 | 10.62 | 0.012 |
| 16QAM | 713.5 | 23825 | 5 | 1 | 0 | 21.96 | 11.41 | 0.014 |
| 16QAM | 713.5 | 23825 | 5 | 1 | 12 | 21.86 | 11.31 | 0.014 |
| 16QAM | 713.5 | 23825 | 5 | 1 | 24 | 22.35 | 11.80 | 0.015 |
| 16QAM | 713.5 | 23825 | 5 | 12 | 0 | 21.36 | 10.81 | 0.012 |
| 16QAM | 713.5 | 23825 | 5 | 12 | 7 | 21.64 | 11.09 | 0.013 |
| 16QAM | 713.5 | 23825 | 5 | 12 | 13 | 21.65 | 11.10 | 0.013 |
| 16QAM | 713.5 | 23825 | 5 | 25 | 0 | 21.62 | 11.07 | 0.013 |
| 64QAM | 706.5 | 23755 | 5 | 1 | 0 | 21.08 | 10.53 | 0.011 |
| 64QAM | 706.5 | 23755 | 5 | 1 | 12 | 21.04 | 10.49 | 0.011 |
| 64QAM | 706.5 | 23755 | 5 | 1 | 24 | 21.32 | 10.77 | 0.012 |
| 64QAM | 706.5 | 23755 | 5 | 12 | 0 | 20.41 | 9.86 | 0.010 |
| 64QAM | 706.5 | 23755 | 5 | 12 | 7 | 20.41 | 9.86 | 0.010 |
| 64QAM | 706.5 | 23755 | 5 | 12 | 13 | 20.71 | 10.16 | 0.010 |
| 64QAM | 706.5 | 23755 | 5 | 25 | 0 | 20.38 | 9.83 | 0.010 |
| 64QAM | 710 | 23790 | 5 | 1 | 0 | 21.87 | 11.32 | 0.014 |
| 64QAM | 710 | 23790 | 5 | 1 | 12 | 21.84 | 11.29 | 0.013 |
| 64QAM | 710 | 23790 | 5 | 1 | 24 | 21.85 | 11.30 | 0.013 |
| 64QAM | 710 | 23790 | 5 | 12 | 0 | 20.43 | 9.88 | 0.010 |
| 64QAM | 710 | 23790 | 5 | 12 | 7 | 20.43 | 9.88 | 0.010 |
| 64QAM | 710 | 23790 | 5 | 12 | 13 | 20.19 | 9.64 | 0.009 |
| 64QAM | 710 | 23790 | 5 | 25 | 0 | 20.43 | 9.88 | 0.010 |
| 64QAM | 713.5 | 23825 | 5 | 1 | 0 | 21.20 | 10.65 | 0.012 |
| 64QAM | 713.5 | 23825 | 5 | 1 | 12 | 21.59 | 11.04 | 0.013 |
| 64QAM | 713.5 | 23825 | 5 | 1 | 24 | 21.62 | 11.07 | 0.013 |
| 64QAM | 713.5 | 23825 | 5 | 12 | 0 | 20.31 | 9.76 | 0.009 |
| 64QAM | 713.5 | 23825 | 5 | 12 | 7 | 20.56 | 10.01 | 0.010 |
| 64QAM | 713.5 | 23825 | 5 | 12 | 13 | 20.63 | 10.08 | 0.010 |

| | | | | | | | | |
|-------|-------|-------|---|----|---|-------|-------|-------|
| 64QAM | 713.5 | 23825 | 5 | 25 | 0 | 20.81 | 10.26 | 0.011 |
|-------|-------|-------|---|----|---|-------|-------|-------|

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|------------------------|-----------------|---------------|
| QPSK | 706.5 | 23755 | 5 | 1 | 0 | 22.69 | 12.14 | 0.016 |
| QPSK | 706.5 | 23755 | 5 | 1 | 12 | 22.59 | 12.04 | 0.016 |
| QPSK | 706.5 | 23755 | 5 | 1 | 24 | 22.72 | 12.17 | 0.016 |
| QPSK | 706.5 | 23755 | 5 | 12 | 0 | 22.20 | 11.65 | 0.015 |
| QPSK | 706.5 | 23755 | 5 | 12 | 7 | 22.28 | 11.73 | 0.015 |
| QPSK | 706.5 | 23755 | 5 | 12 | 13 | 22.30 | 11.75 | 0.015 |
| QPSK | 706.5 | 23755 | 5 | 25 | 0 | 22.25 | 11.70 | 0.015 |
| QPSK | 710 | 23790 | 5 | 1 | 0 | 22.61 | 12.06 | 0.016 |
| QPSK | 710 | 23790 | 5 | 1 | 12 | 22.78 | 12.23 | 0.017 |
| QPSK | 710 | 23790 | 5 | 1 | 24 | 22.62 | 12.07 | 0.016 |
| QPSK | 710 | 23790 | 5 | 12 | 0 | 22.17 | 11.62 | 0.015 |
| QPSK | 710 | 23790 | 5 | 12 | 7 | 22.45 | 11.90 | 0.015 |
| QPSK | 710 | 23790 | 5 | 12 | 13 | 22.17 | 11.62 | 0.015 |
| QPSK | 710 | 23790 | 5 | 25 | 0 | 22.23 | 11.68 | 0.015 |
| QPSK | 713.5 | 23825 | 5 | 1 | 0 | 23.00 | 12.45 | 0.018 |
| QPSK | 713.5 | 23825 | 5 | 1 | 12 | 22.91 | 12.36 | 0.017 |
| QPSK | 713.5 | 23825 | 5 | 1 | 24 | 23.11 | 12.56 | 0.018 |
| QPSK | 713.5 | 23825 | 5 | 12 | 0 | 22.35 | 11.80 | 0.015 |
| QPSK | 713.5 | 23825 | 5 | 12 | 7 | 22.41 | 11.86 | 0.015 |
| QPSK | 713.5 | 23825 | 5 | 12 | 13 | 22.29 | 11.74 | 0.015 |
| QPSK | 713.5 | 23825 | 5 | 25 | 0 | 22.39 | 11.84 | 0.015 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|------------------------|-----------------|---------------|
| 16QAM | 709 | 23780 | 10 | 1 | 0 | 23.31 | 12.76 | 0.019 |
| 16QAM | 709 | 23780 | 10 | 1 | 25 | 23.21 | 12.66 | 0.018 |
| 16QAM | 709 | 23780 | 10 | 1 | 49 | 23.08 | 12.53 | 0.018 |
| 16QAM | 709 | 23780 | 10 | 25 | 0 | 21.56 | 11.01 | 0.013 |
| 16QAM | 709 | 23780 | 10 | 25 | 12 | 21.69 | 11.14 | 0.013 |
| 16QAM | 709 | 23780 | 10 | 25 | 25 | 21.24 | 10.69 | 0.012 |
| 16QAM | 709 | 23780 | 10 | 50 | 0 | 21.52 | 10.97 | 0.013 |
| 16QAM | 710 | 23790 | 10 | 1 | 0 | 22.98 | 12.43 | 0.017 |
| 16QAM | 710 | 23790 | 10 | 1 | 25 | 22.94 | 12.39 | 0.017 |
| 16QAM | 710 | 23790 | 10 | 1 | 49 | 22.88 | 12.33 | 0.017 |
| 16QAM | 710 | 23790 | 10 | 25 | 0 | 21.63 | 11.08 | 0.013 |
| 16QAM | 710 | 23790 | 10 | 25 | 12 | 21.54 | 10.99 | 0.013 |
| 16QAM | 710 | 23790 | 10 | 25 | 25 | 21.54 | 10.99 | 0.013 |
| 16QAM | 710 | 23790 | 10 | 50 | 0 | 21.73 | 11.18 | 0.013 |
| 16QAM | 711 | 23800 | 10 | 1 | 0 | 22.62 | 12.07 | 0.016 |
| 16QAM | 711 | 23800 | 10 | 1 | 25 | 22.76 | 12.21 | 0.017 |
| 16QAM | 711 | 23800 | 10 | 1 | 49 | 22.89 | 12.34 | 0.017 |
| 16QAM | 711 | 23800 | 10 | 25 | 0 | 21.68 | 11.13 | 0.013 |
| 16QAM | 711 | 23800 | 10 | 25 | 12 | 21.47 | 10.92 | 0.012 |
| 16QAM | 711 | 23800 | 10 | 25 | 25 | 21.68 | 11.13 | 0.013 |
| 16QAM | 711 | 23800 | 10 | 50 | 0 | 21.60 | 11.05 | 0.013 |
| 64QAM | 709 | 23780 | 10 | 1 | 0 | 21.92 | 11.37 | 0.014 |
| 64QAM | 709 | 23780 | 10 | 1 | 25 | 22.13 | 11.58 | 0.014 |
| 64QAM | 709 | 23780 | 10 | 1 | 49 | 22.17 | 11.62 | 0.015 |
| 64QAM | 709 | 23780 | 10 | 25 | 0 | 20.44 | 9.89 | 0.010 |
| 64QAM | 709 | 23780 | 10 | 25 | 12 | 20.57 | 10.02 | 0.010 |
| 64QAM | 709 | 23780 | 10 | 25 | 25 | 20.72 | 10.17 | 0.010 |
| 64QAM | 709 | 23780 | 10 | 50 | 0 | 20.66 | 10.11 | 0.010 |
| 64QAM | 710 | 23790 | 10 | 1 | 0 | 21.20 | 10.65 | 0.012 |
| 64QAM | 710 | 23790 | 10 | 1 | 25 | 21.35 | 10.80 | 0.012 |
| 64QAM | 710 | 23790 | 10 | 1 | 49 | 21.39 | 10.84 | 0.012 |
| 64QAM | 710 | 23790 | 10 | 25 | 0 | 20.66 | 10.11 | 0.010 |
| 64QAM | 710 | 23790 | 10 | 25 | 12 | 20.65 | 10.10 | 0.010 |
| 64QAM | 710 | 23790 | 10 | 25 | 25 | 20.71 | 10.16 | 0.010 |
| 64QAM | 710 | 23790 | 10 | 50 | 0 | 20.57 | 10.02 | 0.010 |
| 64QAM | 711 | 23800 | 10 | 1 | 0 | 21.97 | 11.42 | 0.014 |
| 64QAM | 711 | 23800 | 10 | 1 | 25 | 22.04 | 11.49 | 0.014 |
| 64QAM | 711 | 23800 | 10 | 1 | 49 | 22.04 | 11.49 | 0.014 |
| 64QAM | 711 | 23800 | 10 | 25 | 0 | 20.61 | 10.06 | 0.010 |
| 64QAM | 711 | 23800 | 10 | 25 | 12 | 20.16 | 9.61 | 0.009 |
| 64QAM | 711 | 23800 | 10 | 25 | 25 | 20.71 | 10.16 | 0.010 |

| | | | | | | | | |
|-------|-----|-------|----|----|---|-------|-------|-------|
| 64QAM | 711 | 23800 | 10 | 50 | 0 | 20.61 | 10.06 | 0.010 |
|-------|-----|-------|----|----|---|-------|-------|-------|

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|------------------------|-----------------|---------------|
| QPSK | 709 | 23780 | 10 | 1 | 0 | 23.11 | 12.56 | 0.018 |
| QPSK | 709 | 23780 | 10 | 1 | 25 | 23.02 | 12.47 | 0.018 |
| QPSK | 709 | 23780 | 10 | 1 | 49 | 22.98 | 12.43 | 0.017 |
| QPSK | 709 | 23780 | 10 | 25 | 0 | 22.34 | 11.79 | 0.015 |
| QPSK | 709 | 23780 | 10 | 25 | 12 | 22.33 | 11.78 | 0.015 |
| QPSK | 709 | 23780 | 10 | 25 | 25 | 22.41 | 11.86 | 0.015 |
| QPSK | 709 | 23780 | 10 | 50 | 0 | 22.43 | 11.88 | 0.015 |
| QPSK | 710 | 23790 | 10 | 1 | 0 | 22.94 | 12.39 | 0.017 |
| QPSK | 710 | 23790 | 10 | 1 | 25 | 23.05 | 12.50 | 0.018 |
| QPSK | 710 | 23790 | 10 | 1 | 49 | 22.92 | 12.37 | 0.017 |
| QPSK | 710 | 23790 | 10 | 25 | 0 | 22.36 | 11.81 | 0.015 |
| QPSK | 710 | 23790 | 10 | 25 | 12 | 22.43 | 11.88 | 0.015 |
| QPSK | 710 | 23790 | 10 | 25 | 25 | 22.31 | 11.76 | 0.015 |
| QPSK | 710 | 23790 | 10 | 50 | 0 | 22.40 | 11.85 | 0.015 |
| QPSK | 711 | 23800 | 10 | 1 | 0 | 22.79 | 12.24 | 0.017 |
| QPSK | 711 | 23800 | 10 | 1 | 25 | 22.85 | 12.30 | 0.017 |
| QPSK | 711 | 23800 | 10 | 1 | 49 | 22.99 | 12.44 | 0.018 |
| QPSK | 711 | 23800 | 10 | 25 | 0 | 22.29 | 11.74 | 0.015 |
| QPSK | 711 | 23800 | 10 | 25 | 12 | 22.42 | 11.87 | 0.015 |
| QPSK | 711 | 23800 | 10 | 25 | 25 | 22.37 | 11.82 | 0.015 |
| QPSK | 711 | 23800 | 10 | 50 | 0 | 22.51 | 11.96 | 0.016 |