

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band 4

1 RF Power Output

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|-----|---------|-----------|-----------------------|
| QPSK | 1710.7 | 19957 | 1.4 | 1 | 0 | 23.92 |
| QPSK | 1710.7 | 19957 | 1.4 | 1 | 3 | 22.96 |
| QPSK | 1710.7 | 19957 | 1.4 | 1 | 5 | 23.01 |
| QPSK | 1710.7 | 19957 | 1.4 | 3 | 0 | 23.06 |
| QPSK | 1710.7 | 19957 | 1.4 | 3 | 1 | 22.94 |
| QPSK | 1710.7 | 19957 | 1.4 | 3 | 3 | 22.95 |
| QPSK | 1710.7 | 19957 | 1.4 | 6 | 0 | 21.56 |
| QPSK | 1732.5 | 20175 | 1.4 | 1 | 0 | 22.98 |
| QPSK | 1732.5 | 20175 | 1.4 | 1 | 3 | 22.79 |
| QPSK | 1732.5 | 20175 | 1.4 | 1 | 5 | 22.95 |
| QPSK | 1732.5 | 20175 | 1.4 | 3 | 0 | 22.90 |
| QPSK | 1732.5 | 20175 | 1.4 | 3 | 1 | 22.82 |
| QPSK | 1732.5 | 20175 | 1.4 | 3 | 3 | 22.84 |
| QPSK | 1732.5 | 20175 | 1.4 | 6 | 0 | 21.53 |
| QPSK | 1754.3 | 20393 | 1.4 | 1 | 0 | 21.87 |
| QPSK | 1754.3 | 20393 | 1.4 | 1 | 3 | 21.64 |
| QPSK | 1754.3 | 20393 | 1.4 | 1 | 5 | 21.93 |
| QPSK | 1754.3 | 20393 | 1.4 | 3 | 0 | 21.87 |
| QPSK | 1754.3 | 20393 | 1.4 | 3 | 1 | 21.81 |
| QPSK | 1754.3 | 20393 | 1.4 | 3 | 3 | 21.82 |
| QPSK | 1754.3 | 20393 | 1.4 | 6 | 0 | 20.61 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|-----|---------|-----------|-----------------------|
| 16QAM | 1710.7 | 19957 | 1.4 | 1 | 0 | 22.07 |
| 16QAM | 1710.7 | 19957 | 1.4 | 1 | 3 | 22.28 |
| 16QAM | 1710.7 | 19957 | 1.4 | 1 | 5 | 22.21 |
| 16QAM | 1710.7 | 19957 | 1.4 | 3 | 0 | 21.96 |
| 16QAM | 1710.7 | 19957 | 1.4 | 3 | 1 | 21.72 |
| 16QAM | 1710.7 | 19957 | 1.4 | 3 | 3 | 21.76 |
| 16QAM | 1710.7 | 19957 | 1.4 | 6 | 0 | 20.55 |
| 16QAM | 1732.5 | 20175 | 1.4 | 1 | 0 | 22.11 |
| 16QAM | 1732.5 | 20175 | 1.4 | 1 | 3 | 22.03 |
| 16QAM | 1732.5 | 20175 | 1.4 | 1 | 5 | 22.25 |
| 16QAM | 1732.5 | 20175 | 1.4 | 3 | 0 | 21.71 |
| 16QAM | 1732.5 | 20175 | 1.4 | 3 | 1 | 21.71 |
| 16QAM | 1732.5 | 20175 | 1.4 | 3 | 3 | 21.85 |
| 16QAM | 1732.5 | 20175 | 1.4 | 6 | 0 | 20.38 |
| 16QAM | 1754.3 | 20393 | 1.4 | 1 | 0 | 21.02 |
| 16QAM | 1754.3 | 20393 | 1.4 | 1 | 3 | 20.84 |
| 16QAM | 1754.3 | 20393 | 1.4 | 1 | 5 | 21.18 |
| 16QAM | 1754.3 | 20393 | 1.4 | 3 | 0 | 21.00 |
| 16QAM | 1754.3 | 20393 | 1.4 | 3 | 1 | 20.85 |
| 16QAM | 1754.3 | 20393 | 1.4 | 3 | 3 | 21.02 |
| 16QAM | 1754.3 | 20393 | 1.4 | 6 | 0 | 18.95 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK | 1711.5 | 19965 | 3 | 1 | 0 | 21.51 |
| QPSK | 1711.5 | 19965 | 3 | 1 | 8 | 20.71 |
| QPSK | 1711.5 | 19965 | 3 | 1 | 14 | 21.59 |
| QPSK | 1711.5 | 19965 | 3 | 8 | 0 | 19.91 |
| QPSK | 1711.5 | 19965 | 3 | 8 | 4 | 20.00 |
| QPSK | 1711.5 | 19965 | 3 | 8 | 7 | 20.10 |
| QPSK | 1711.5 | 19965 | 3 | 15 | 0 | 20.01 |
| QPSK | 1732.5 | 20175 | 3 | 1 | 0 | 22.28 |
| QPSK | 1732.5 | 20175 | 3 | 1 | 8 | 21.51 |
| QPSK | 1732.5 | 20175 | 3 | 1 | 14 | 22.19 |
| QPSK | 1732.5 | 20175 | 3 | 8 | 0 | 20.53 |
| QPSK | 1732.5 | 20175 | 3 | 8 | 4 | 20.54 |
| QPSK | 1732.5 | 20175 | 3 | 8 | 7 | 20.59 |
| QPSK | 1732.5 | 20175 | 3 | 15 | 0 | 20.56 |
| QPSK | 1753.5 | 20385 | 3 | 1 | 0 | 21.76 |
| QPSK | 1753.5 | 20385 | 3 | 1 | 8 | 20.57 |
| QPSK | 1753.5 | 20385 | 3 | 1 | 14 | 21.33 |
| QPSK | 1753.5 | 20385 | 3 | 8 | 0 | 19.84 |
| QPSK | 1753.5 | 20385 | 3 | 8 | 4 | 19.84 |
| QPSK | 1753.5 | 20385 | 3 | 8 | 7 | 19.88 |
| QPSK | 1753.5 | 20385 | 3 | 15 | 0 | 19.84 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM | 1711.5 | 19965 | 3 | 1 | 0 | 20.39 |
| 16QAM | 1711.5 | 19965 | 3 | 1 | 8 | 20.28 |
| 16QAM | 1711.5 | 19965 | 3 | 1 | 14 | 20.48 |
| 16QAM | 1711.5 | 19965 | 3 | 8 | 0 | 18.35 |
| 16QAM | 1711.5 | 19965 | 3 | 8 | 4 | 18.53 |
| 16QAM | 1711.5 | 19965 | 3 | 8 | 7 | 18.66 |
| 16QAM | 1711.5 | 19965 | 3 | 15 | 0 | 18.47 |
| 16QAM | 1732.5 | 20175 | 3 | 1 | 0 | 21.34 |
| 16QAM | 1732.5 | 20175 | 3 | 1 | 8 | 20.52 |
| 16QAM | 1732.5 | 20175 | 3 | 1 | 14 | 21.62 |
| 16QAM | 1732.5 | 20175 | 3 | 8 | 0 | 19.56 |
| 16QAM | 1732.5 | 20175 | 3 | 8 | 4 | 19.58 |
| 16QAM | 1732.5 | 20175 | 3 | 8 | 7 | 19.52 |
| 16QAM | 1732.5 | 20175 | 3 | 15 | 0 | 19.62 |
| 16QAM | 1753.5 | 20385 | 3 | 1 | 0 | 20.31 |
| 16QAM | 1753.5 | 20385 | 3 | 1 | 8 | 19.81 |
| 16QAM | 1753.5 | 20385 | 3 | 1 | 14 | 20.57 |
| 16QAM | 1753.5 | 20385 | 3 | 8 | 0 | 18.27 |
| 16QAM | 1753.5 | 20385 | 3 | 8 | 4 | 18.37 |
| 16QAM | 1753.5 | 20385 | 3 | 8 | 7 | 18.40 |
| 16QAM | 1753.5 | 20385 | 3 | 15 | 0 | 18.32 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK | 1712.5 | 19975 | 5 | 1 | 0 | 23.25 |
| QPSK | 1712.5 | 19975 | 5 | 1 | 12 | 22.15 |
| QPSK | 1712.5 | 19975 | 5 | 1 | 24 | 22.81 |
| QPSK | 1712.5 | 19975 | 5 | 12 | 0 | 21.09 |
| QPSK | 1712.5 | 19975 | 5 | 12 | 7 | 21.10 |
| QPSK | 1712.5 | 19975 | 5 | 12 | 13 | 21.27 |
| QPSK | 1712.5 | 19975 | 5 | 25 | 0 | 21.10 |
| QPSK | 1732.5 | 20175 | 5 | 1 | 0 | 22.53 |
| QPSK | 1732.5 | 20175 | 5 | 1 | 12 | 21.98 |
| QPSK | 1732.5 | 20175 | 5 | 1 | 24 | 22.38 |
| QPSK | 1732.5 | 20175 | 5 | 12 | 0 | 21.05 |
| QPSK | 1732.5 | 20175 | 5 | 12 | 7 | 20.99 |
| QPSK | 1732.5 | 20175 | 5 | 12 | 13 | 21.09 |
| QPSK | 1732.5 | 20175 | 5 | 25 | 0 | 21.11 |
| QPSK | 1752.5 | 20375 | 5 | 1 | 0 | 21.89 |
| QPSK | 1752.5 | 20375 | 5 | 1 | 12 | 21.25 |
| QPSK | 1752.5 | 20375 | 5 | 1 | 24 | 21.47 |
| QPSK | 1752.5 | 20375 | 5 | 12 | 0 | 20.29 |
| QPSK | 1752.5 | 20375 | 5 | 12 | 7 | 20.17 |
| QPSK | 1752.5 | 20375 | 5 | 12 | 13 | 20.22 |
| QPSK | 1752.5 | 20375 | 5 | 25 | 0 | 20.26 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM | 1712.5 | 19975 | 5 | 1 | 0 | 21.21 |
| 16QAM | 1712.5 | 19975 | 5 | 1 | 12 | 21.42 |
| 16QAM | 1712.5 | 19975 | 5 | 1 | 24 | 21.40 |
| 16QAM | 1712.5 | 19975 | 5 | 12 | 0 | 19.74 |
| 16QAM | 1712.5 | 19975 | 5 | 12 | 7 | 19.74 |
| 16QAM | 1712.5 | 19975 | 5 | 12 | 13 | 20.29 |
| 16QAM | 1712.5 | 19975 | 5 | 25 | 0 | 20.07 |
| 16QAM | 1732.5 | 20175 | 5 | 1 | 0 | 21.82 |
| 16QAM | 1732.5 | 20175 | 5 | 1 | 12 | 21.25 |
| 16QAM | 1732.5 | 20175 | 5 | 1 | 24 | 21.57 |
| 16QAM | 1732.5 | 20175 | 5 | 12 | 0 | 19.94 |
| 16QAM | 1732.5 | 20175 | 5 | 12 | 7 | 19.90 |
| 16QAM | 1732.5 | 20175 | 5 | 12 | 13 | 19.94 |
| 16QAM | 1732.5 | 20175 | 5 | 25 | 0 | 19.98 |
| 16QAM | 1752.5 | 20375 | 5 | 1 | 0 | 20.50 |
| 16QAM | 1752.5 | 20375 | 5 | 1 | 12 | 19.76 |
| 16QAM | 1752.5 | 20375 | 5 | 1 | 24 | 20.66 |
| 16QAM | 1752.5 | 20375 | 5 | 12 | 0 | 18.69 |
| 16QAM | 1752.5 | 20375 | 5 | 12 | 7 | 18.54 |
| 16QAM | 1752.5 | 20375 | 5 | 12 | 13 | 18.70 |
| 16QAM | 1752.5 | 20375 | 5 | 25 | 0 | 18.76 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK | 1715 | 20000 | 10 | 1 | 0 | 23.40 |
| QPSK | 1715 | 20000 | 10 | 1 | 25 | 21.46 |
| QPSK | 1715 | 20000 | 10 | 1 | 49 | 22.61 |
| QPSK | 1715 | 20000 | 10 | 25 | 0 | 20.41 |
| QPSK | 1715 | 20000 | 10 | 25 | 12 | 20.50 |
| QPSK | 1715 | 20000 | 10 | 25 | 25 | 20.22 |
| QPSK | 1715 | 20000 | 10 | 50 | 0 | 20.78 |
| QPSK | 1732.5 | 20175 | 10 | 1 | 0 | 22.66 |
| QPSK | 1732.5 | 20175 | 10 | 1 | 25 | 21.83 |
| QPSK | 1732.5 | 20175 | 10 | 1 | 49 | 21.91 |
| QPSK | 1732.5 | 20175 | 10 | 25 | 0 | 20.95 |
| QPSK | 1732.5 | 20175 | 10 | 25 | 12 | 20.84 |
| QPSK | 1732.5 | 20175 | 10 | 25 | 25 | 20.88 |
| QPSK | 1732.5 | 20175 | 10 | 50 | 0 | 21.01 |
| QPSK | 1750 | 20350 | 10 | 1 | 0 | 22.17 |
| QPSK | 1750 | 20350 | 10 | 1 | 25 | 21.00 |
| QPSK | 1750 | 20350 | 10 | 1 | 49 | 22.06 |
| QPSK | 1750 | 20350 | 10 | 25 | 0 | 20.09 |
| QPSK | 1750 | 20350 | 10 | 25 | 12 | 20.49 |
| QPSK | 1750 | 20350 | 10 | 25 | 25 | 20.51 |
| QPSK | 1750 | 20350 | 10 | 50 | 0 | 20.64 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM | 1715 | 20000 | 10 | 1 | 0 | 21.41 |
| 16QAM | 1715 | 20000 | 10 | 1 | 25 | 21.06 |
| 16QAM | 1715 | 20000 | 10 | 1 | 49 | 22.15 |
| 16QAM | 1715 | 20000 | 10 | 25 | 0 | 18.95 |
| 16QAM | 1715 | 20000 | 10 | 25 | 12 | 19.00 |
| 16QAM | 1715 | 20000 | 10 | 25 | 25 | 19.12 |
| 16QAM | 1715 | 20000 | 10 | 50 | 0 | 19.38 |
| 16QAM | 1732.5 | 20175 | 10 | 1 | 0 | 21.55 |
| 16QAM | 1732.5 | 20175 | 10 | 1 | 25 | 20.48 |
| 16QAM | 1732.5 | 20175 | 10 | 1 | 49 | 21.18 |
| 16QAM | 1732.5 | 20175 | 10 | 25 | 0 | 19.83 |
| 16QAM | 1732.5 | 20175 | 10 | 25 | 12 | 19.77 |
| 16QAM | 1732.5 | 20175 | 10 | 25 | 25 | 19.83 |
| 16QAM | 1732.5 | 20175 | 10 | 50 | 0 | 19.92 |
| 16QAM | 1750 | 20350 | 10 | 1 | 0 | 21.27 |
| 16QAM | 1750 | 20350 | 10 | 1 | 25 | 20.38 |
| 16QAM | 1750 | 20350 | 10 | 1 | 49 | 21.38 |
| 16QAM | 1750 | 20350 | 10 | 25 | 0 | 18.64 |
| 16QAM | 1750 | 20350 | 10 | 25 | 12 | 18.91 |
| 16QAM | 1750 | 20350 | 10 | 25 | 25 | 18.99 |
| 16QAM | 1750 | 20350 | 10 | 50 | 0 | 19.10 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK | 1717.5 | 20025 | 15 | 1 | 0 | 23.76 |
| QPSK | 1717.5 | 20025 | 15 | 1 | 37 | 22.01 |
| QPSK | 1717.5 | 20025 | 15 | 1 | 74 | 22.88 |
| QPSK | 1717.5 | 20025 | 15 | 36 | 0 | 21.20 |
| QPSK | 1717.5 | 20025 | 15 | 36 | 29 | 21.13 |
| QPSK | 1717.5 | 20025 | 15 | 36 | 30 | 21.15 |
| QPSK | 1717.5 | 20025 | 15 | 75 | 0 | 21.10 |
| QPSK | 1732.5 | 20175 | 15 | 1 | 0 | 22.80 |
| QPSK | 1732.5 | 20175 | 15 | 1 | 37 | 22.25 |
| QPSK | 1732.5 | 20175 | 15 | 1 | 74 | 22.30 |
| QPSK | 1732.5 | 20175 | 15 | 36 | 0 | 20.86 |
| QPSK | 1732.5 | 20175 | 15 | 36 | 29 | 21.25 |
| QPSK | 1732.5 | 20175 | 15 | 36 | 30 | 21.22 |
| QPSK | 1732.5 | 20175 | 15 | 75 | 0 | 21.39 |
| QPSK | 1747.5 | 20325 | 15 | 1 | 0 | 22.65 |
| QPSK | 1747.5 | 20325 | 15 | 1 | 37 | 21.46 |
| QPSK | 1747.5 | 20325 | 15 | 1 | 74 | 22.93 |
| QPSK | 1747.5 | 20325 | 15 | 36 | 0 | 20.37 |
| QPSK | 1747.5 | 20325 | 15 | 36 | 29 | 21.20 |
| QPSK | 1747.5 | 20325 | 15 | 36 | 30 | 21.09 |
| QPSK | 1747.5 | 20325 | 15 | 75 | 0 | 20.64 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM | 1717.5 | 20025 | 15 | 1 | 0 | 21.91 |
| 16QAM | 1717.5 | 20025 | 15 | 1 | 37 | 20.36 |
| 16QAM | 1717.5 | 20025 | 15 | 1 | 74 | 22.08 |
| 16QAM | 1717.5 | 20025 | 15 | 36 | 0 | 19.99 |
| 16QAM | 1717.5 | 20025 | 15 | 36 | 29 | 19.89 |
| 16QAM | 1717.5 | 20025 | 15 | 36 | 30 | 20.04 |
| 16QAM | 1717.5 | 20025 | 15 | 75 | 0 | 19.97 |
| 16QAM | 1732.5 | 20175 | 15 | 1 | 0 | 21.68 |
| 16QAM | 1732.5 | 20175 | 15 | 1 | 37 | 22.04 |
| 16QAM | 1732.5 | 20175 | 15 | 1 | 74 | 21.60 |
| 16QAM | 1732.5 | 20175 | 15 | 36 | 0 | 19.79 |
| 16QAM | 1732.5 | 20175 | 15 | 36 | 29 | 20.18 |
| 16QAM | 1732.5 | 20175 | 15 | 36 | 30 | 20.15 |
| 16QAM | 1732.5 | 20175 | 15 | 75 | 0 | 20.30 |
| 16QAM | 1747.5 | 20325 | 15 | 1 | 0 | 21.18 |
| 16QAM | 1747.5 | 20325 | 15 | 1 | 37 | 19.83 |
| 16QAM | 1747.5 | 20325 | 15 | 1 | 74 | 21.65 |
| 16QAM | 1747.5 | 20325 | 15 | 36 | 0 | 20.00 |
| 16QAM | 1747.5 | 20325 | 15 | 36 | 29 | 20.56 |
| 16QAM | 1747.5 | 20325 | 15 | 36 | 30 | 20.43 |
| 16QAM | 1747.5 | 20325 | 15 | 75 | 0 | 20.14 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK | 1720 | 20050 | 20 | 1 | 0 | 22.11 |
| QPSK | 1720 | 20050 | 20 | 1 | 49 | 21.91 |
| QPSK | 1720 | 20050 | 20 | 1 | 99 | 23.35 |
| QPSK | 1720 | 20050 | 20 | 50 | 0 | 21.07 |
| QPSK | 1720 | 20050 | 20 | 50 | 24 | 20.61 |
| QPSK | 1720 | 20050 | 20 | 50 | 50 | 20.70 |
| QPSK | 1720 | 20050 | 20 | 100 | 0 | 21.03 |
| QPSK | 1732.5 | 20175 | 20 | 1 | 0 | 22.50 |
| QPSK | 1732.5 | 20175 | 20 | 1 | 49 | 22.07 |
| QPSK | 1732.5 | 20175 | 20 | 1 | 99 | 21.98 |
| QPSK | 1732.5 | 20175 | 20 | 50 | 0 | 20.71 |
| QPSK | 1732.5 | 20175 | 20 | 50 | 24 | 20.86 |
| QPSK | 1732.5 | 20175 | 20 | 50 | 50 | 20.30 |
| QPSK | 1732.5 | 20175 | 20 | 100 | 0 | 21.02 |
| QPSK | 1745 | 20300 | 20 | 1 | 0 | 22.35 |
| QPSK | 1745 | 20300 | 20 | 1 | 49 | 21.18 |
| QPSK | 1745 | 20300 | 20 | 1 | 99 | 22.30 |
| QPSK | 1745 | 20300 | 20 | 50 | 0 | 19.86 |
| QPSK | 1745 | 20300 | 20 | 50 | 24 | 20.46 |
| QPSK | 1745 | 20300 | 20 | 50 | 50 | 20.80 |
| QPSK | 1745 | 20300 | 20 | 100 | 0 | 20.70 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM | 1720 | 20050 | 20 | 1 | 0 | 21.32 |
| 16QAM | 1720 | 20050 | 20 | 1 | 49 | 21.03 |
| 16QAM | 1720 | 20050 | 20 | 1 | 99 | 22.35 |
| 16QAM | 1720 | 20050 | 20 | 50 | 0 | 19.68 |
| 16QAM | 1720 | 20050 | 20 | 50 | 24 | 19.54 |
| 16QAM | 1720 | 20050 | 20 | 50 | 50 | 19.48 |
| 16QAM | 1720 | 20050 | 20 | 100 | 0 | 19.98 |
| 16QAM | 1732.5 | 20175 | 20 | 1 | 0 | 20.84 |
| 16QAM | 1732.5 | 20175 | 20 | 1 | 49 | 21.26 |
| 16QAM | 1732.5 | 20175 | 20 | 1 | 99 | 21.36 |
| 16QAM | 1732.5 | 20175 | 20 | 50 | 0 | 19.37 |
| 16QAM | 1732.5 | 20175 | 20 | 50 | 24 | 19.78 |
| 16QAM | 1732.5 | 20175 | 20 | 50 | 50 | 18.97 |
| 16QAM | 1732.5 | 20175 | 20 | 100 | 0 | 19.96 |
| 16QAM | 1745 | 20300 | 20 | 1 | 0 | 21.41 |
| 16QAM | 1745 | 20300 | 20 | 1 | 49 | 20.42 |
| 16QAM | 1745 | 20300 | 20 | 1 | 99 | 21.54 |
| 16QAM | 1745 | 20300 | 20 | 50 | 0 | 18.73 |
| 16QAM | 1745 | 20300 | 20 | 50 | 24 | 19.16 |
| 16QAM | 1745 | 20300 | 20 | 50 | 50 | 19.24 |
| 16QAM | 1745 | 20300 | 20 | 100 | 0 | 19.19 |

2 Occupied Bandwidth

| Band | Mode | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of 99% Power (MHz) | |
|------|------|-------------------------|---------|----------|---------|-----------|------------------------------|--------|
| 4 | QPSK | 1710.7 | 19957 | 1.4 | 6 | 0 | 1.080 | Fig.1 |
| 4 | QPSK | 1732.5 | 20175 | 1.4 | 6 | 0 | 1.080 | Fig.2 |
| 4 | QPSK | 1754.3 | 20393 | 1.4 | 6 | 0 | 1.080 | Fig.3 |
| 4 | QPSK | 1711.5 | 19965 | 3 | 15 | 0 | 2.680 | Fig.4 |
| 4 | QPSK | 1732.5 | 20175 | 3 | 15 | 0 | 2.670 | Fig.5 |
| 4 | QPSK | 1753.5 | 20385 | 3 | 15 | 0 | 2.670 | Fig.6 |
| 4 | QPSK | 1712.5 | 19975 | 5 | 25 | 0 | 4.460 | Fig.7 |
| 4 | QPSK | 1732.5 | 20175 | 5 | 25 | 0 | 4.460 | Fig.8 |
| 4 | QPSK | 1752.5 | 20375 | 5 | 25 | 0 | 4.470 | Fig.9 |
| 4 | QPSK | 1715 | 20000 | 10 | 50 | 0 | 8.930 | Fig.10 |
| 4 | QPSK | 1732.5 | 20175 | 10 | 50 | 0 | 8.930 | Fig.11 |
| 4 | QPSK | 1750 | 20350 | 10 | 50 | 0 | 8.920 | Fig.12 |
| 4 | QPSK | 1717.5 | 20025 | 15 | 75 | 0 | 13.380 | Fig.13 |
| 4 | QPSK | 1732.5 | 20175 | 15 | 75 | 0 | 13.380 | Fig.14 |
| 4 | QPSK | 1747.5 | 20325 | 15 | 75 | 0 | 13.380 | Fig.15 |
| 4 | QPSK | 1720 | 20050 | 20 | 100 | 0 | 17.830 | Fig.16 |
| 4 | QPSK | 1732.5 | 20175 | 20 | 100 | 0 | 17.840 | Fig.17 |
| 4 | QPSK | 1745 | 20300 | 20 | 100 | 0 | 17.840 | Fig.18 |

| Band | Mode | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of 99% Power (MHz) | |
|------|-------|-------------------------|---------|----------|---------|-----------|------------------------------|--------|
| 4 | 16QAM | 1710.7 | 19957 | 1.4 | 6 | 0 | 1.080 | Fig.19 |
| 4 | 16QAM | 1732.5 | 20175 | 1.4 | 6 | 0 | 1.080 | Fig.20 |
| 4 | 16QAM | 1754.3 | 20393 | 1.4 | 6 | 0 | 1.080 | Fig.21 |
| 4 | 16QAM | 1711.5 | 19965 | 3 | 15 | 0 | 2.680 | Fig.22 |
| 4 | 16QAM | 1732.5 | 20175 | 3 | 15 | 0 | 2.680 | Fig.23 |
| 4 | 16QAM | 1753.5 | 20385 | 3 | 15 | 0 | 2.680 | Fig.24 |
| 4 | 16QAM | 1712.5 | 19975 | 5 | 25 | 0 | 4.460 | Fig.25 |
| 4 | 16QAM | 1732.5 | 20175 | 5 | 25 | 0 | 4.460 | Fig.26 |
| 4 | 16QAM | 1752.5 | 20375 | 5 | 25 | 0 | 4.460 | Fig.27 |
| 4 | 16QAM | 1715 | 20000 | 10 | 50 | 0 | 8.940 | Fig.28 |
| 4 | 16QAM | 1732.5 | 20175 | 10 | 50 | 0 | 8.930 | Fig.29 |
| 4 | 16QAM | 1750 | 20350 | 10 | 50 | 0 | 8.920 | Fig.30 |
| 4 | 16QAM | 1717.5 | 20025 | 15 | 75 | 0 | 13.390 | Fig.31 |
| 4 | 16QAM | 1732.5 | 20175 | 15 | 75 | 0 | 13.370 | Fig.32 |
| 4 | 16QAM | 1747.5 | 20325 | 15 | 75 | 0 | 13.380 | Fig.33 |
| 4 | 16QAM | 1720 | 20050 | 20 | 100 | 0 | 17.860 | Fig.34 |
| 4 | 16QAM | 1732.5 | 20175 | 20 | 100 | 0 | 17.860 | Fig.35 |
| 4 | 16QAM | 1745 | 20300 | 20 | 100 | 0 | 17.850 | Fig.36 |

Test Mode: QPSK

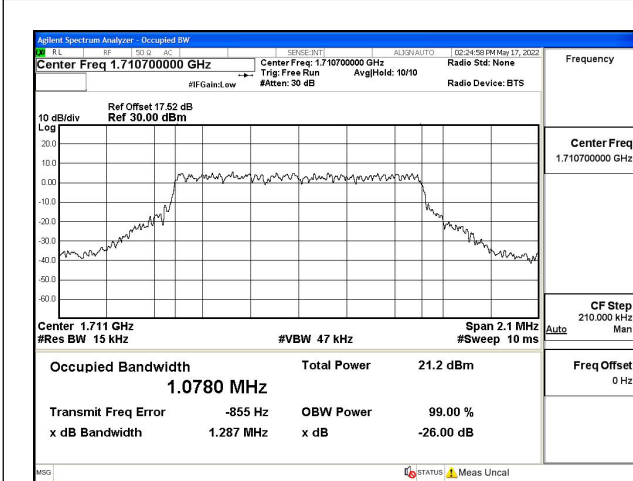


Fig.1

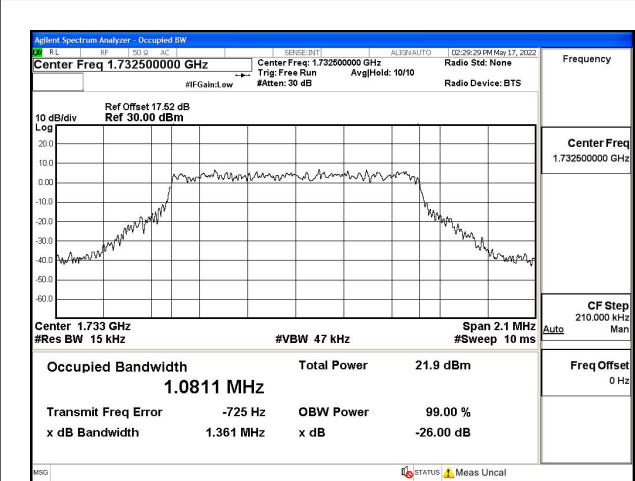


Fig.2

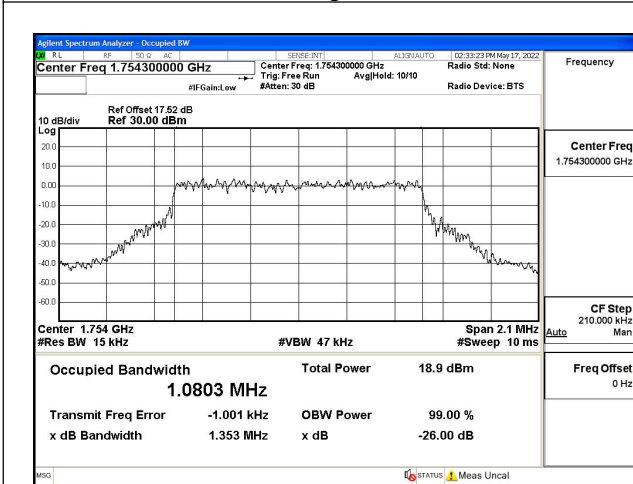


Fig.3

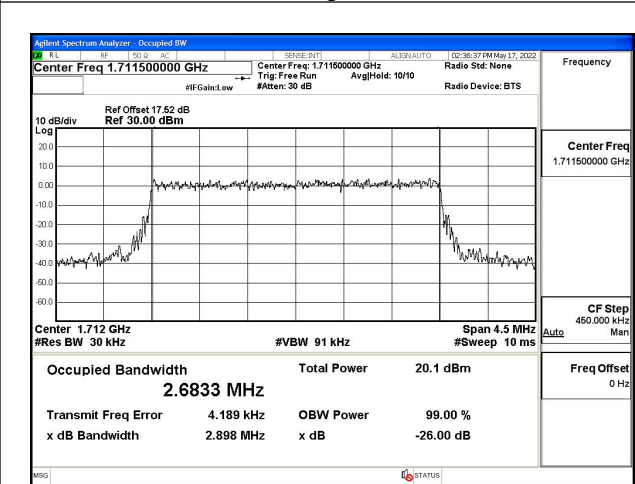


Fig.4

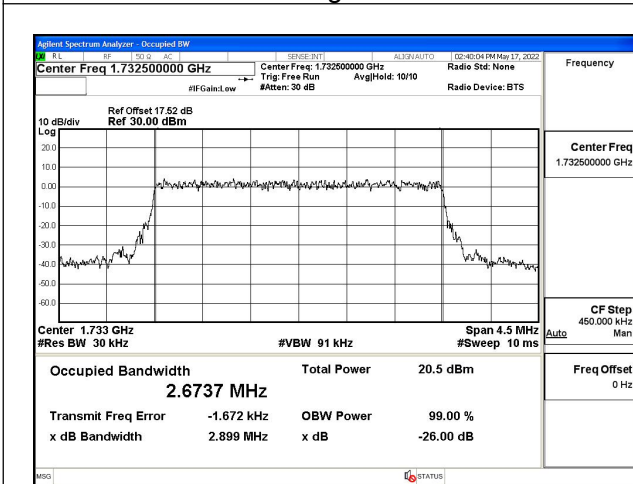


Fig.5

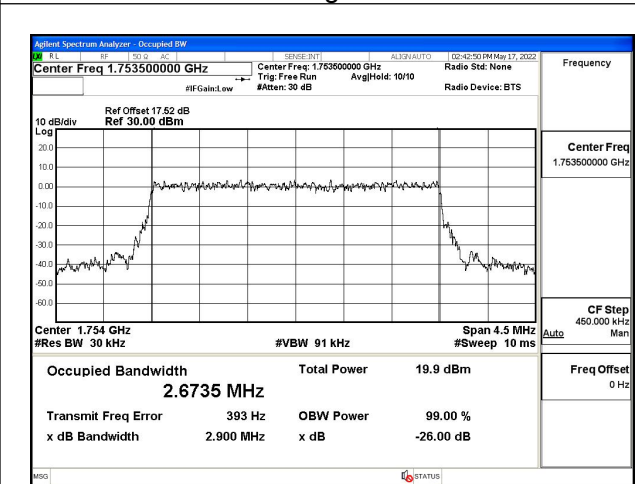


Fig.6

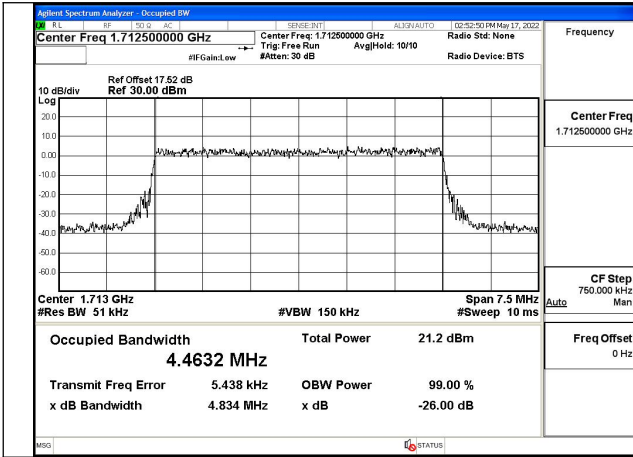


Fig.7

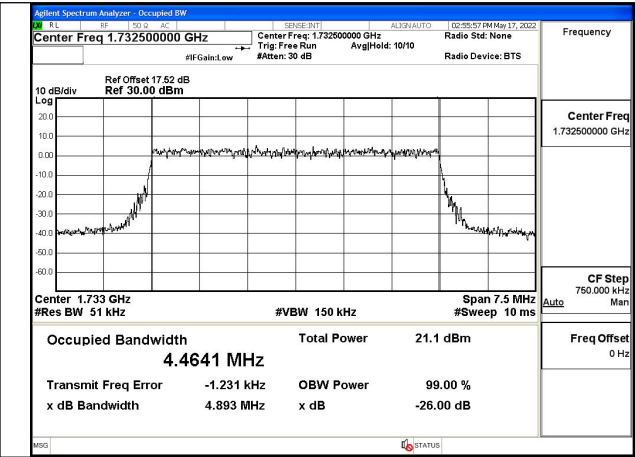


Fig.8

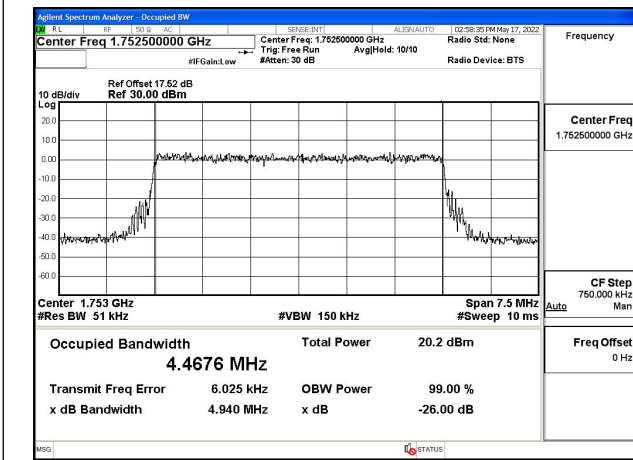


Fig.9

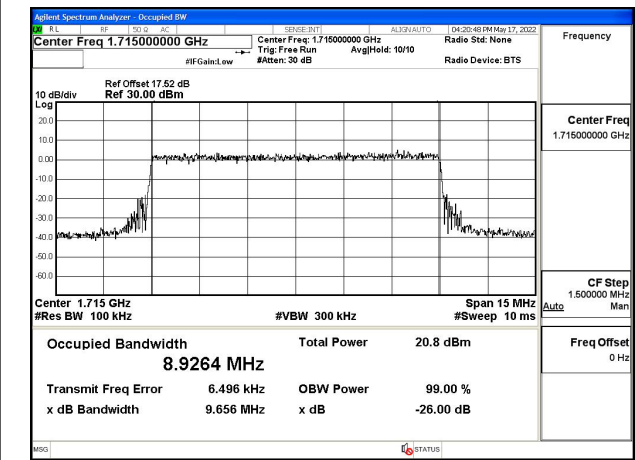


Fig.10

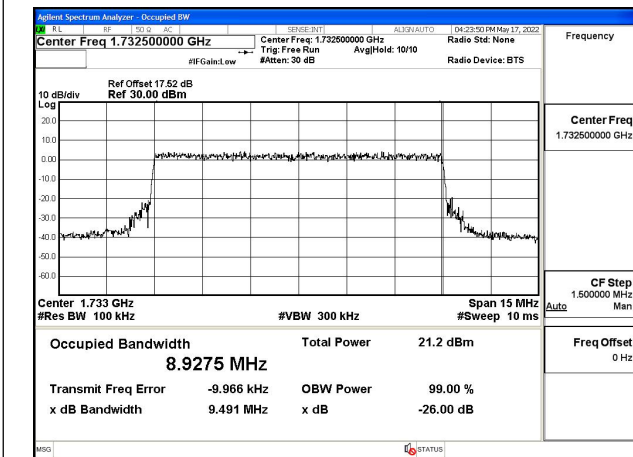


Fig.11

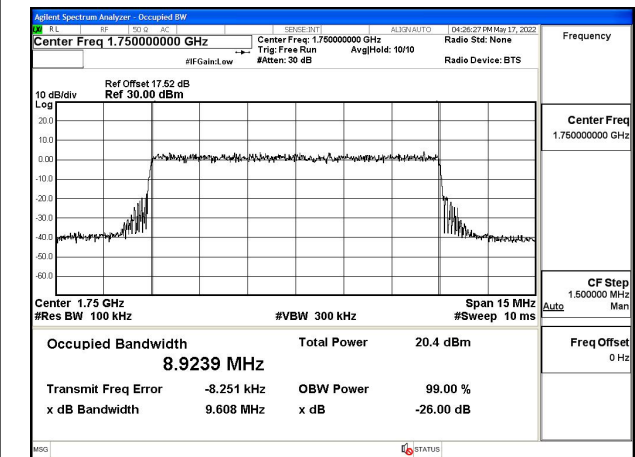


Fig.12

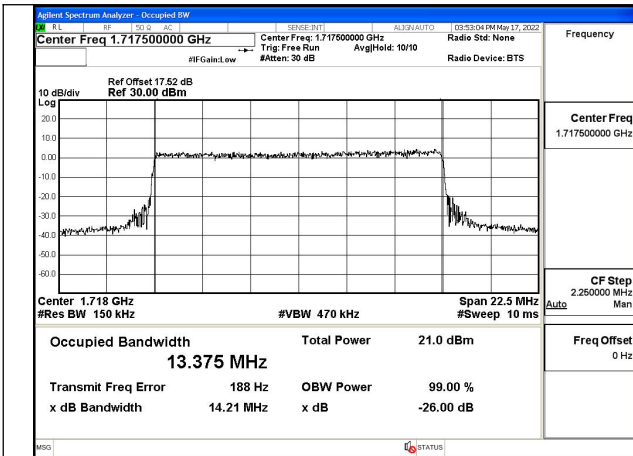


Fig.13

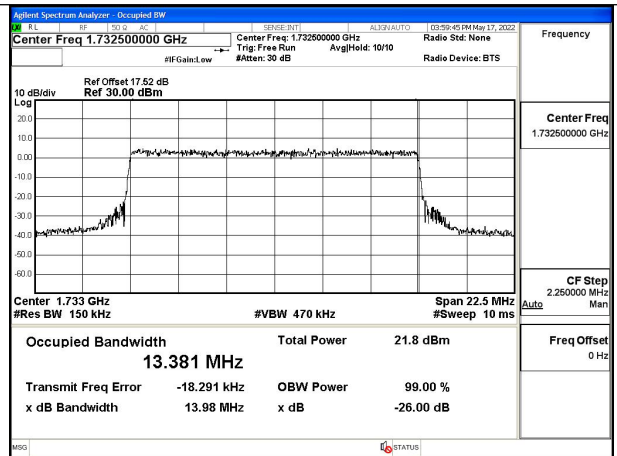


Fig.14

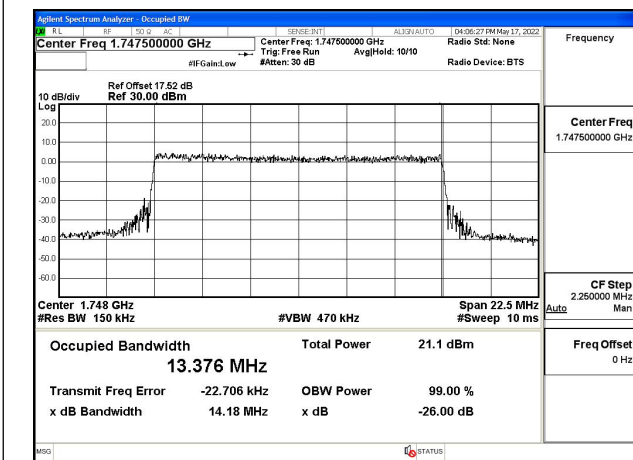


Fig.15

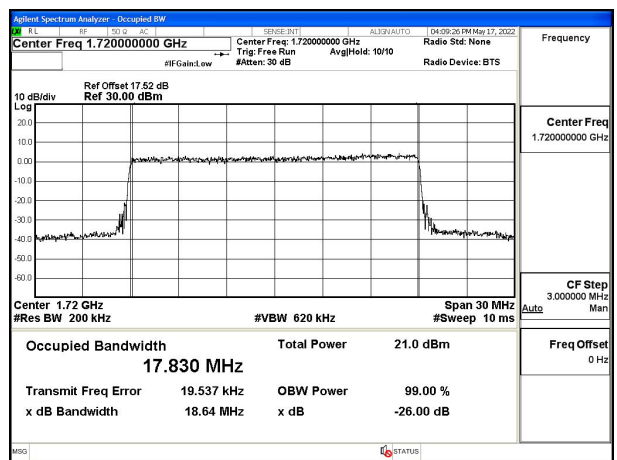


Fig.16

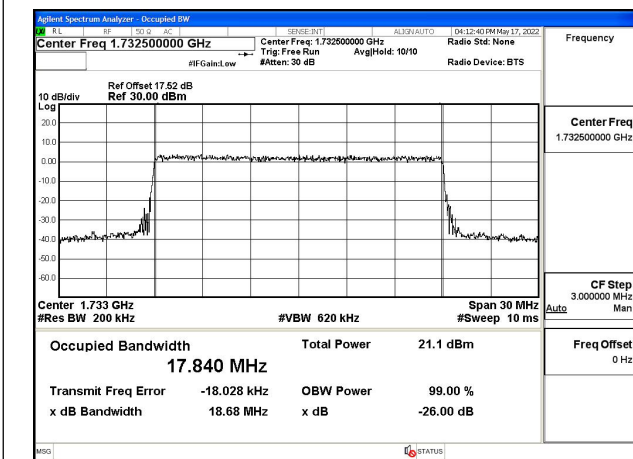


Fig.17

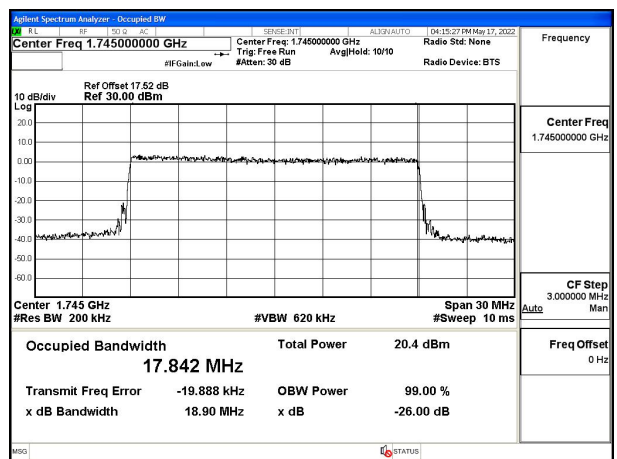


Fig.18

Test Mode: 16QAM

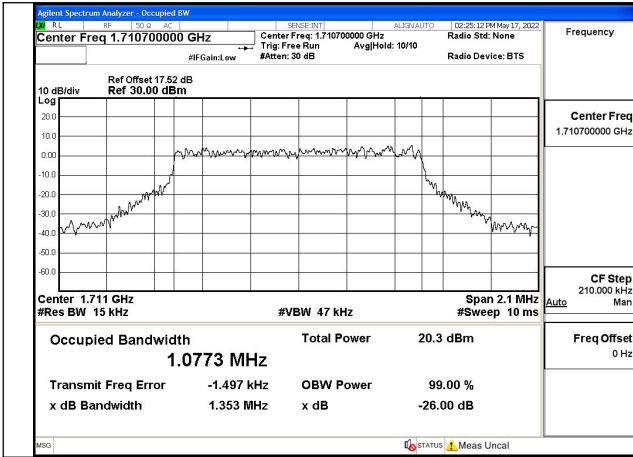


Fig.19

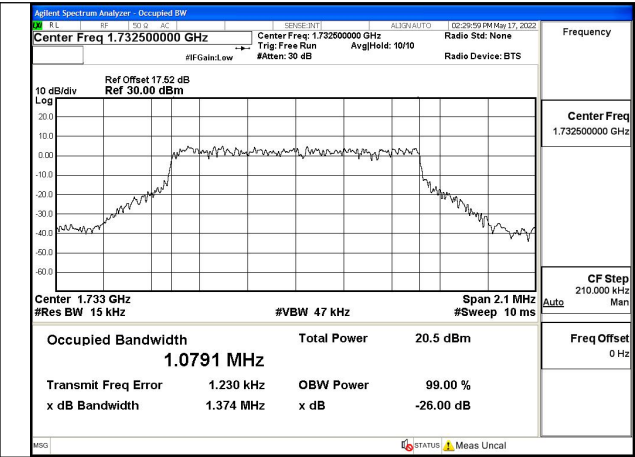


Fig.20

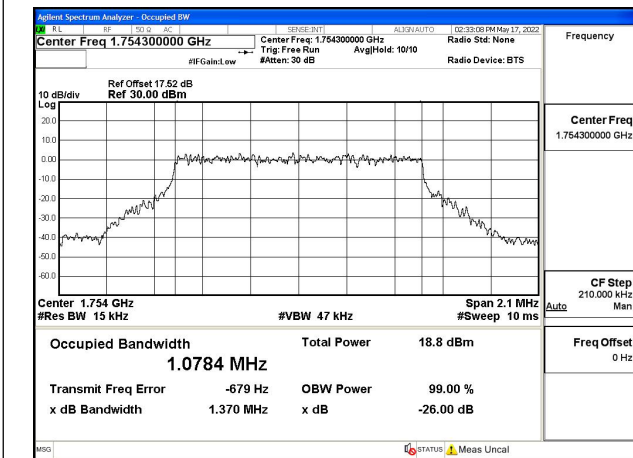


Fig.21

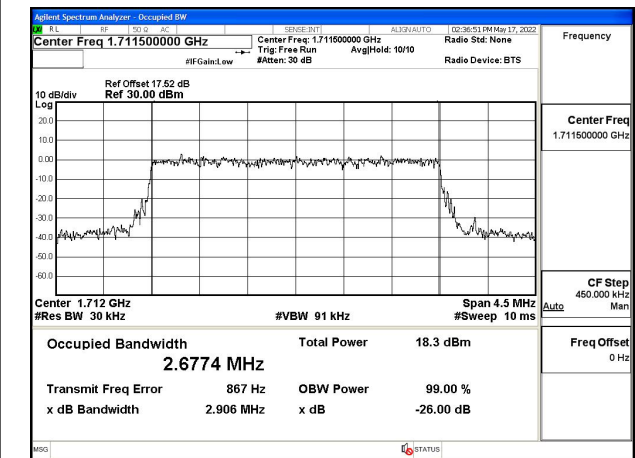


Fig.22

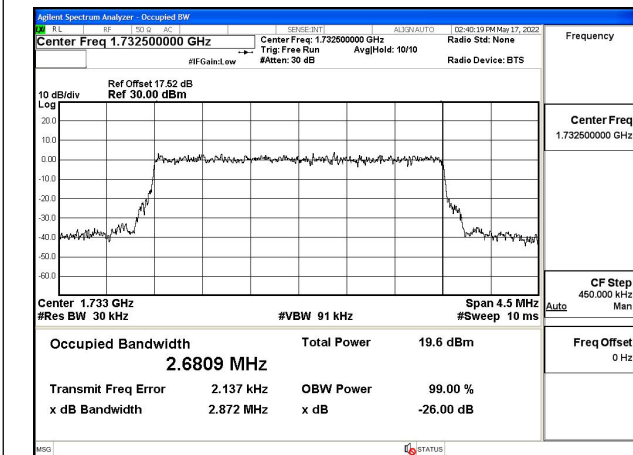


Fig.23

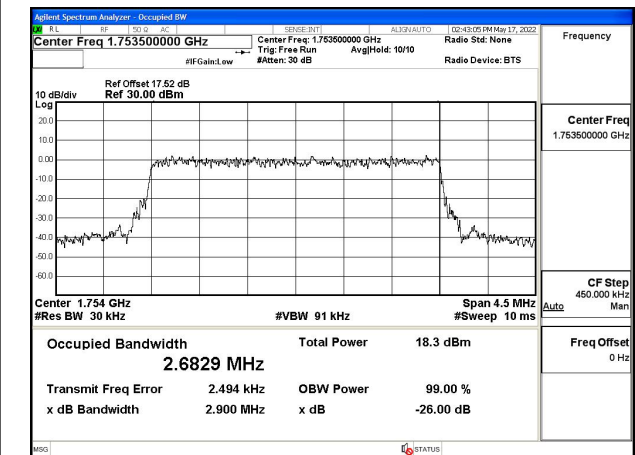


Fig.24

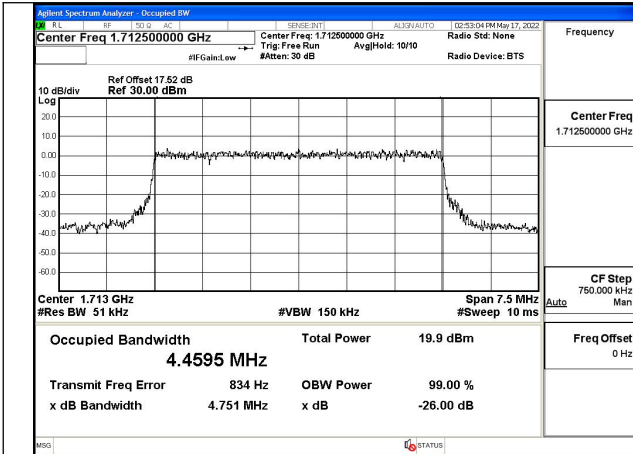


Fig.25

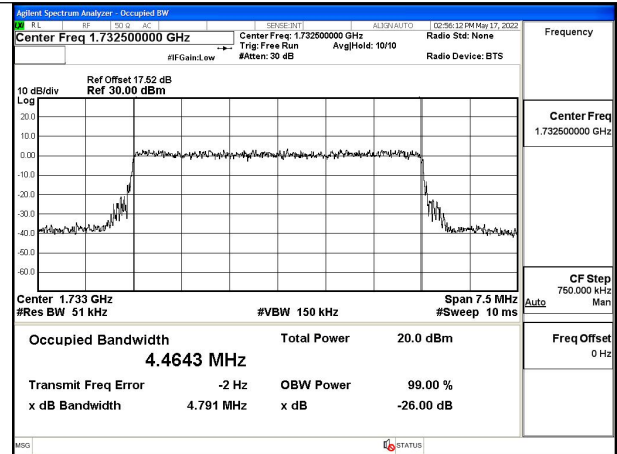


Fig.26

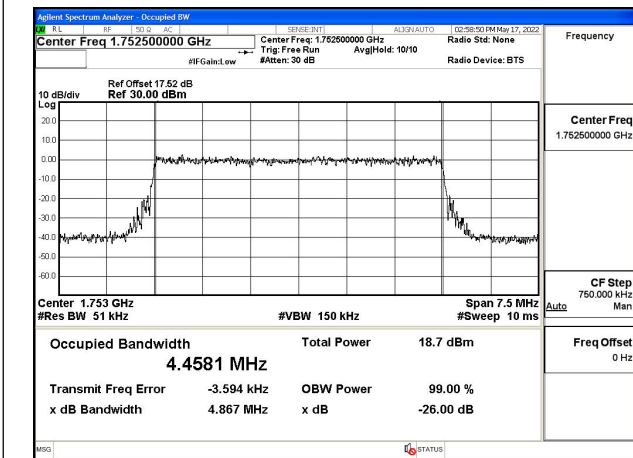


Fig.27

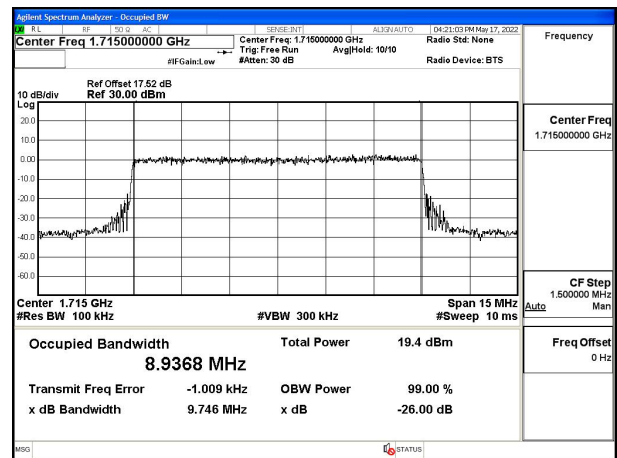


Fig.28

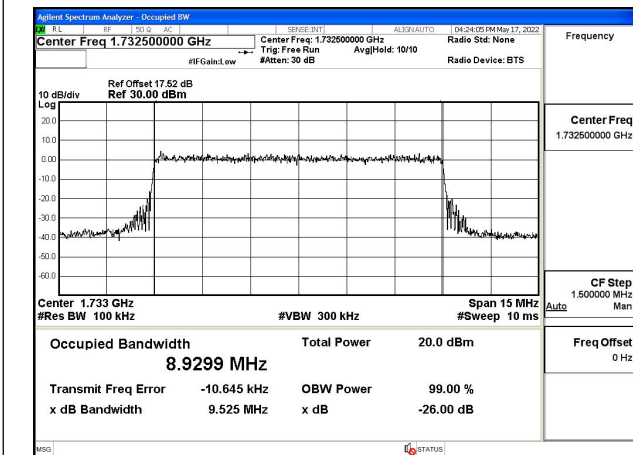


Fig.29

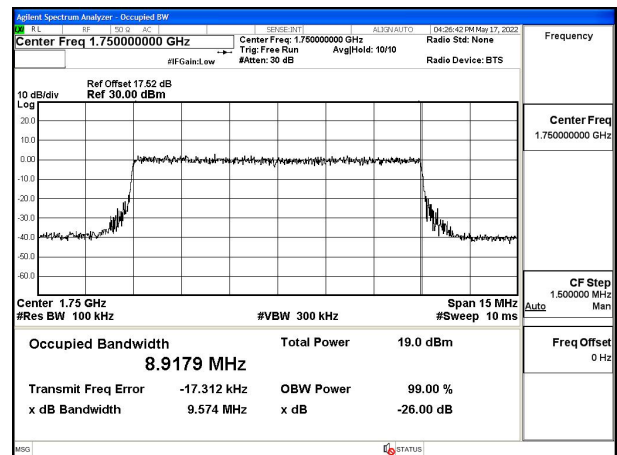


Fig.30

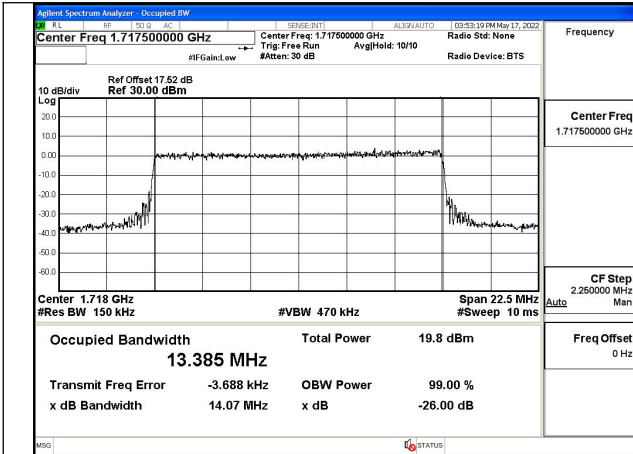


Fig.31

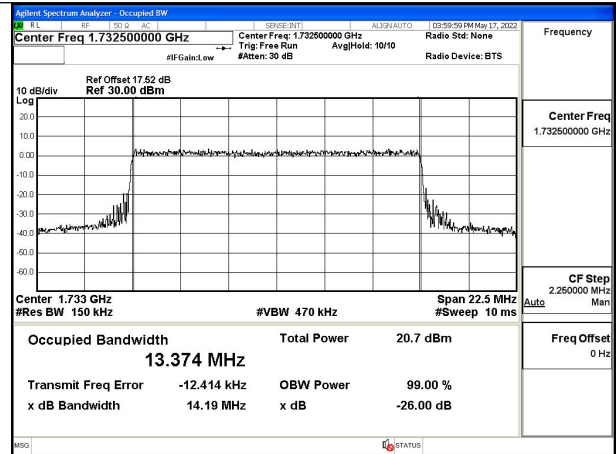


Fig.32

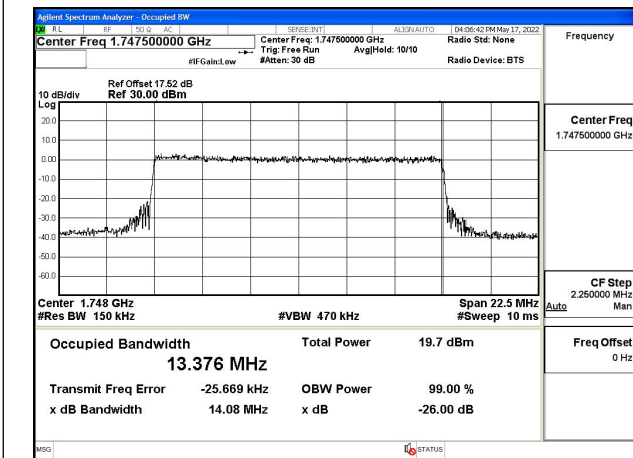


Fig.33

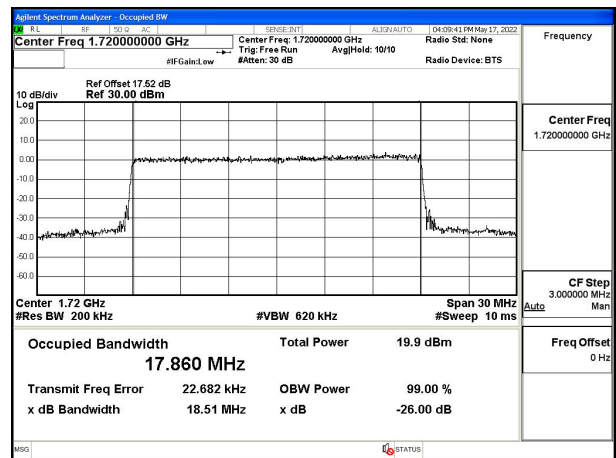


Fig.34

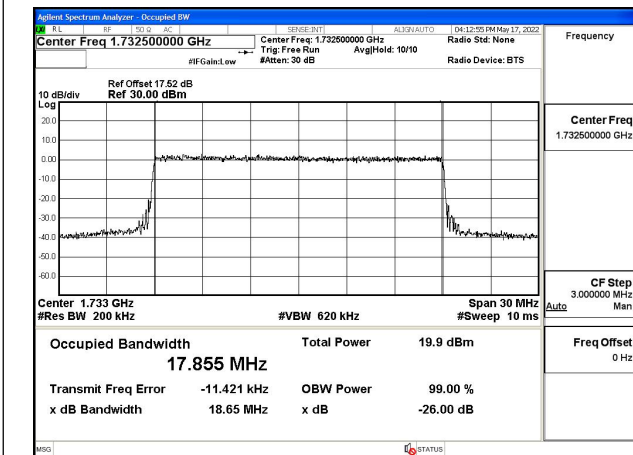


Fig.35

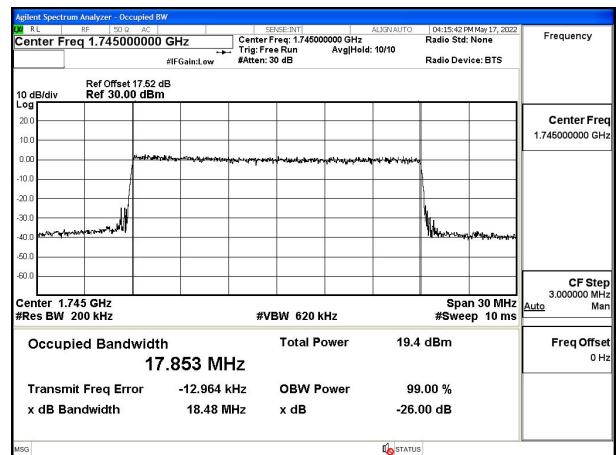


Fig.36

3 Emission Bandwidth

| Band | Mode | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of -26dB transmitter power (MHz) | |
|------|------|-------------------------|---------|----------|---------|-----------|--|--------|
| 4 | QPSK | 1710.7 | 19957 | 1.4 | 6 | 0 | 1.290 | Fig.1 |
| 4 | QPSK | 1732.5 | 20175 | 1.4 | 6 | 0 | 1.360 | Fig.2 |
| 4 | QPSK | 1754.3 | 20393 | 1.4 | 6 | 0 | 1.350 | Fig.3 |
| 4 | QPSK | 1711.5 | 19965 | 3 | 15 | 0 | 2.900 | Fig.4 |
| 4 | QPSK | 1732.5 | 20175 | 3 | 15 | 0 | 2.900 | Fig.5 |
| 4 | QPSK | 1753.5 | 20385 | 3 | 15 | 0 | 2.900 | Fig.6 |
| 4 | QPSK | 1712.5 | 19975 | 5 | 25 | 0 | 4.830 | Fig.7 |
| 4 | QPSK | 1732.5 | 20175 | 5 | 25 | 0 | 4.890 | Fig.8 |
| 4 | QPSK | 1752.5 | 20375 | 5 | 25 | 0 | 4.940 | Fig.9 |
| 4 | QPSK | 1715 | 20000 | 10 | 50 | 0 | 9.660 | Fig.10 |
| 4 | QPSK | 1732.5 | 20175 | 10 | 50 | 0 | 9.490 | Fig.11 |
| 4 | QPSK | 1750 | 20350 | 10 | 50 | 0 | 9.610 | Fig.12 |
| 4 | QPSK | 1717.5 | 20025 | 15 | 75 | 0 | 14.210 | Fig.13 |
| 4 | QPSK | 1732.5 | 20175 | 15 | 75 | 0 | 13.980 | Fig.14 |
| 4 | QPSK | 1747.5 | 20325 | 15 | 75 | 0 | 14.180 | Fig.15 |
| 4 | QPSK | 1720 | 20050 | 20 | 100 | 0 | 18.640 | Fig.16 |
| 4 | QPSK | 1732.5 | 20175 | 20 | 100 | 0 | 18.680 | Fig.17 |
| 4 | QPSK | 1745 | 20300 | 20 | 100 | 0 | 18.900 | Fig.18 |

| Band | Mode | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of -26dB transmitter power (MHz) | |
|------|-------|-------------------------|---------|----------|---------|-----------|--|--------|
| 4 | 16QAM | 1710.7 | 19957 | 1.4 | 6 | 0 | 1.350 | Fig.19 |
| 4 | 16QAM | 1732.5 | 20175 | 1.4 | 6 | 0 | 1.370 | Fig.20 |
| 4 | 16QAM | 1754.3 | 20393 | 1.4 | 6 | 0 | 1.370 | Fig.21 |
| 4 | 16QAM | 1711.5 | 19965 | 3 | 15 | 0 | 2.910 | Fig.22 |
| 4 | 16QAM | 1732.5 | 20175 | 3 | 15 | 0 | 2.870 | Fig.23 |
| 4 | 16QAM | 1753.5 | 20385 | 3 | 15 | 0 | 2.900 | Fig.24 |
| 4 | 16QAM | 1712.5 | 19975 | 5 | 25 | 0 | 4.750 | Fig.25 |
| 4 | 16QAM | 1732.5 | 20175 | 5 | 25 | 0 | 4.790 | Fig.26 |
| 4 | 16QAM | 1752.5 | 20375 | 5 | 25 | 0 | 4.870 | Fig.27 |
| 4 | 16QAM | 1715 | 20000 | 10 | 50 | 0 | 9.750 | Fig.28 |
| 4 | 16QAM | 1732.5 | 20175 | 10 | 50 | 0 | 9.520 | Fig.29 |
| 4 | 16QAM | 1750 | 20350 | 10 | 50 | 0 | 9.570 | Fig.30 |
| 4 | 16QAM | 1717.5 | 20025 | 15 | 75 | 0 | 14.070 | Fig.31 |
| 4 | 16QAM | 1732.5 | 20175 | 15 | 75 | 0 | 14.190 | Fig.32 |
| 4 | 16QAM | 1747.5 | 20325 | 15 | 75 | 0 | 14.080 | Fig.33 |
| 4 | 16QAM | 1720 | 20050 | 20 | 100 | 0 | 18.510 | Fig.34 |
| 4 | 16QAM | 1732.5 | 20175 | 20 | 100 | 0 | 18.650 | Fig.35 |
| 4 | 16QAM | 1745 | 20300 | 20 | 100 | 0 | 18.480 | Fig.36 |

Test Mode: QPSK

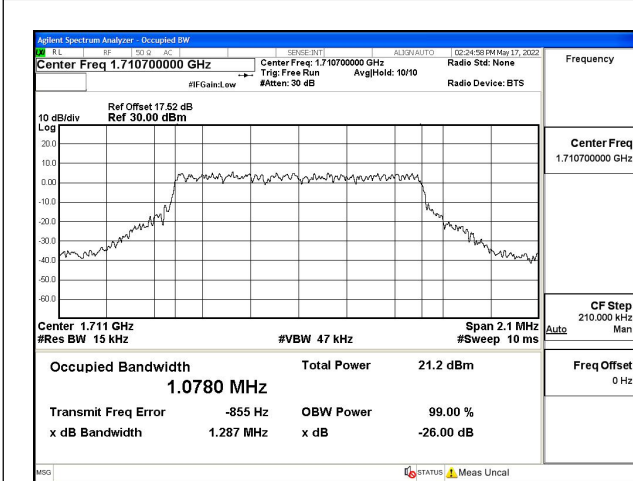


Fig.1

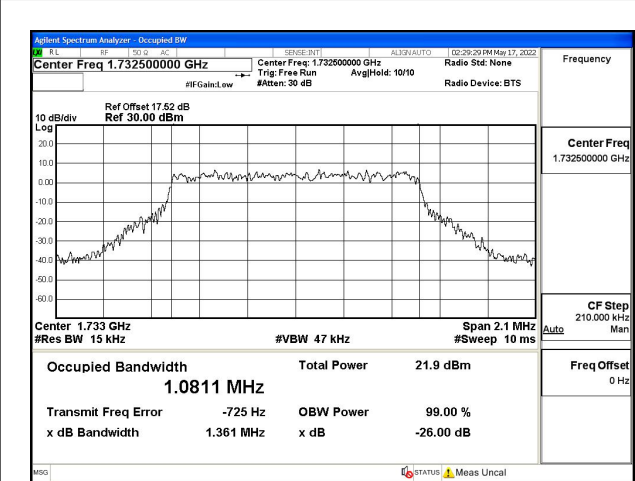


Fig.2

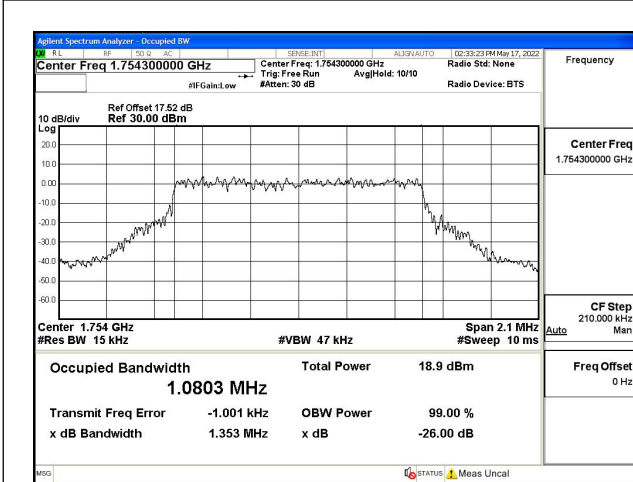


Fig.3

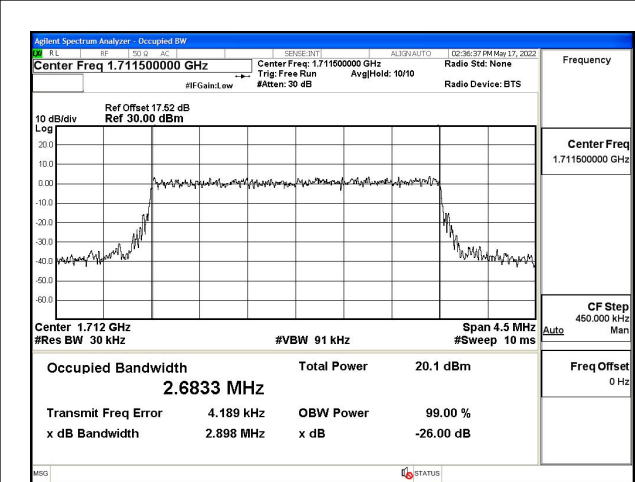


Fig.4

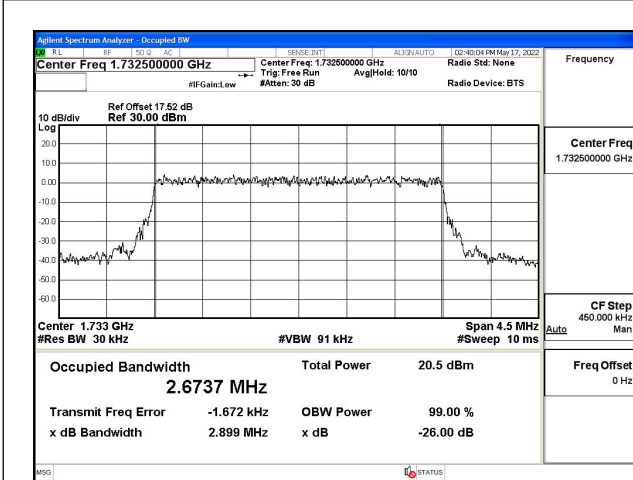


Fig.5

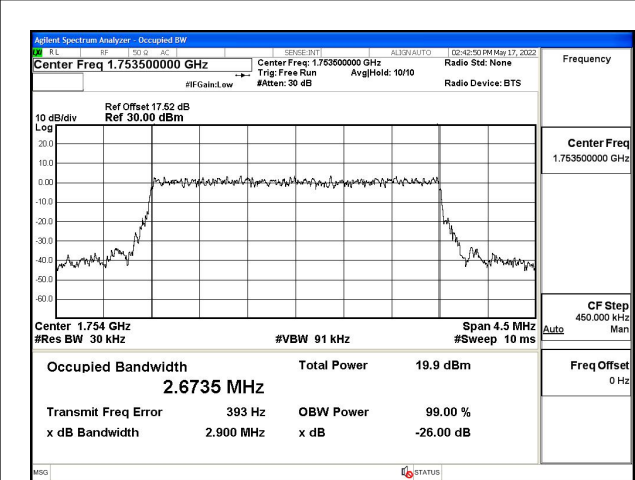


Fig.6

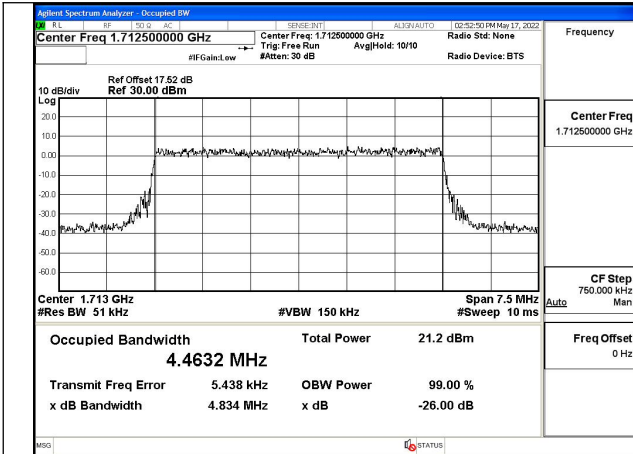


Fig.7

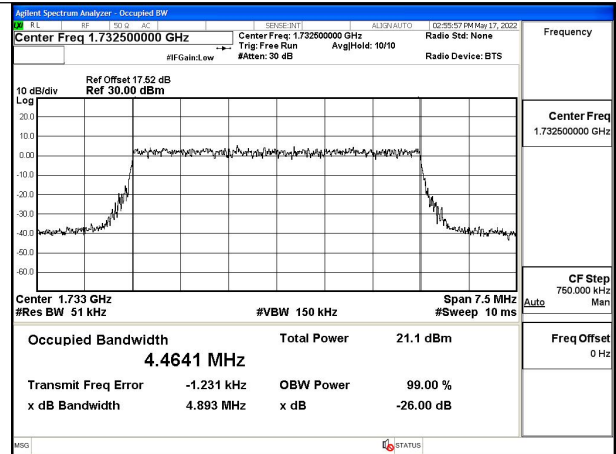


Fig.8

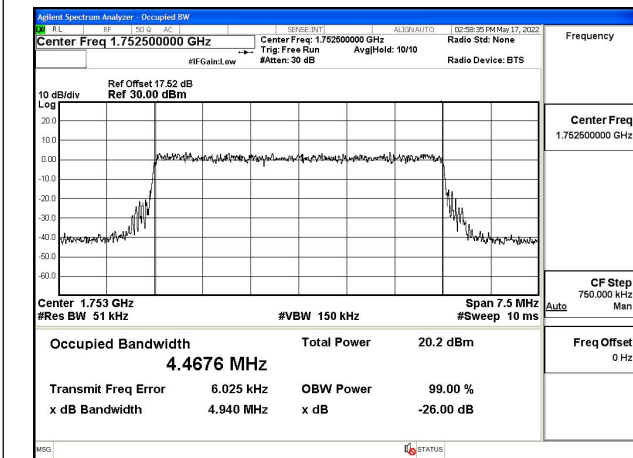


Fig.9

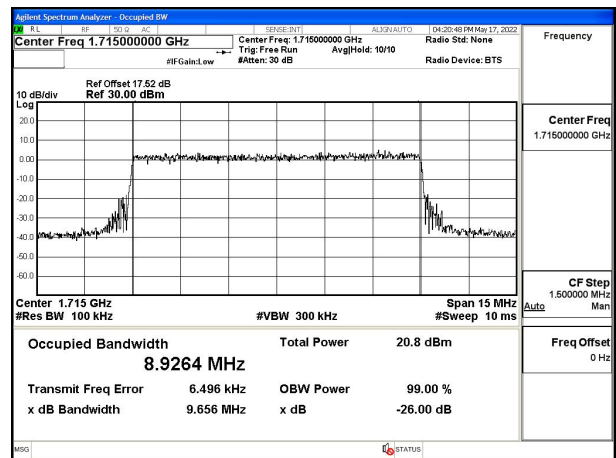


Fig.10

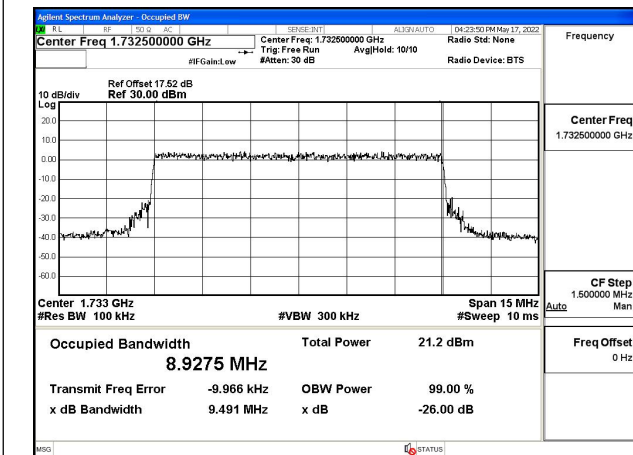


Fig.11

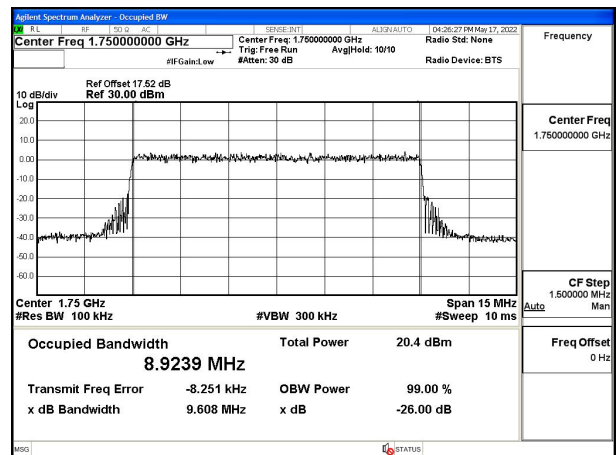


Fig.12

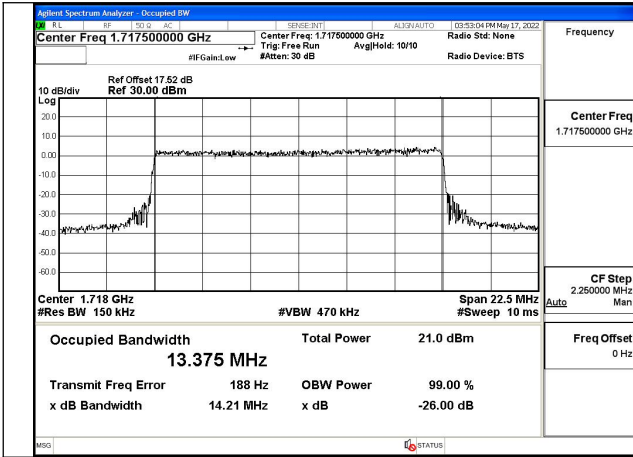


Fig.13

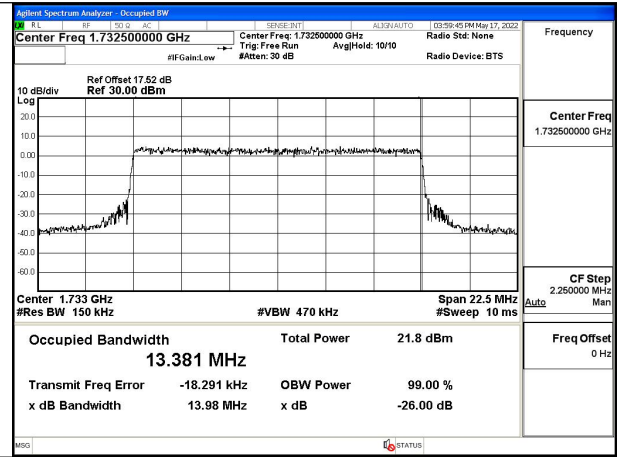


Fig.14

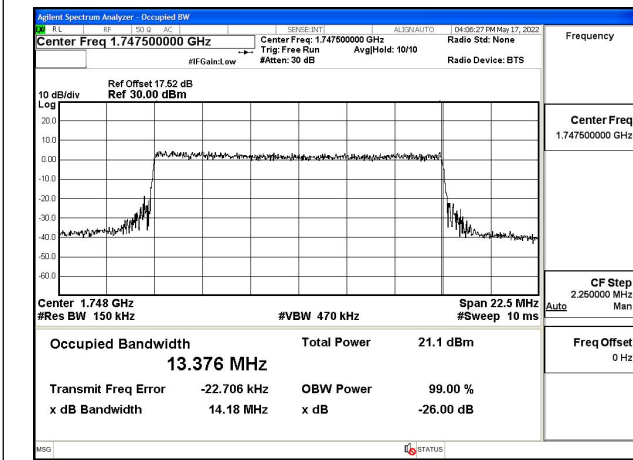


Fig.15

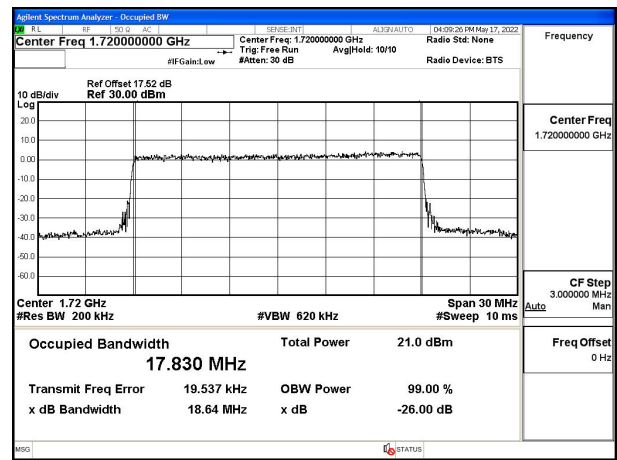


Fig.16

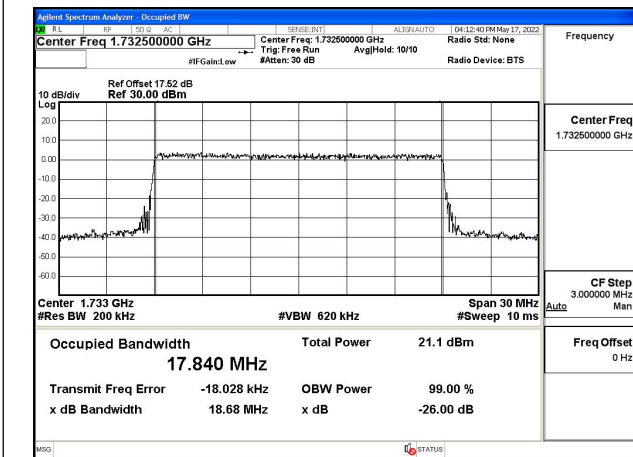


Fig.17

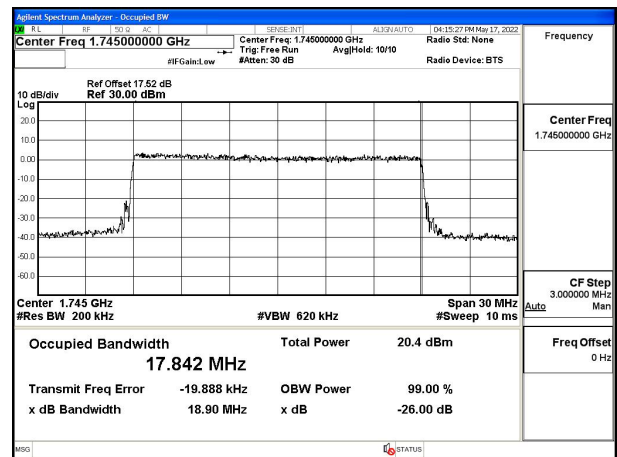


Fig.18

Test Mode: 16QAM

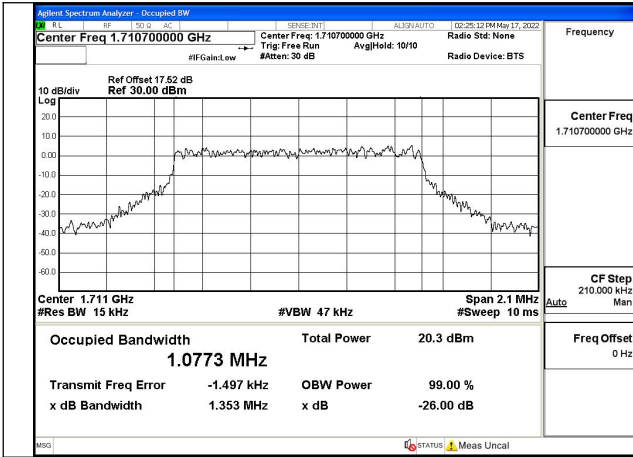


Fig.19

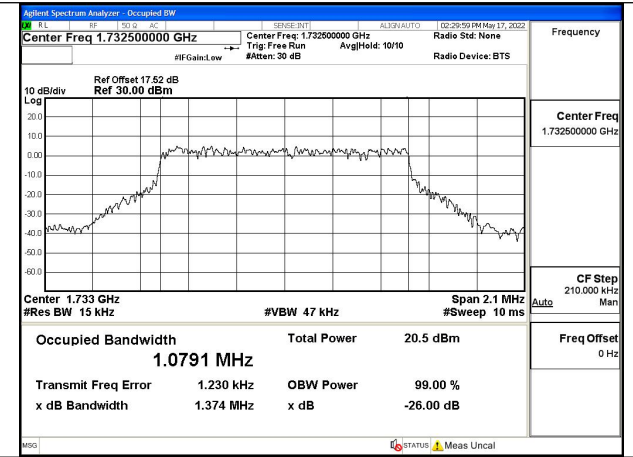


Fig.20

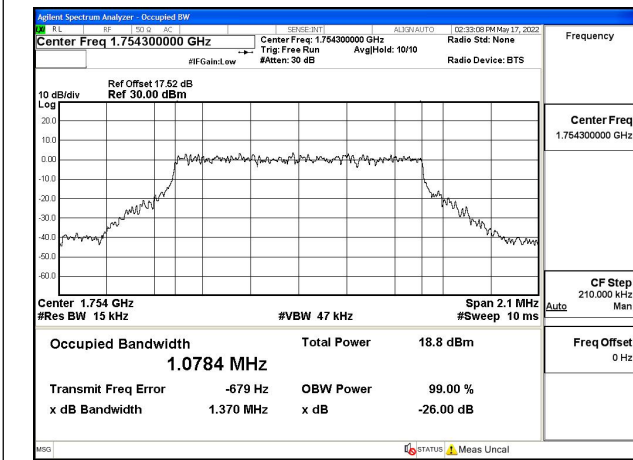


Fig.21

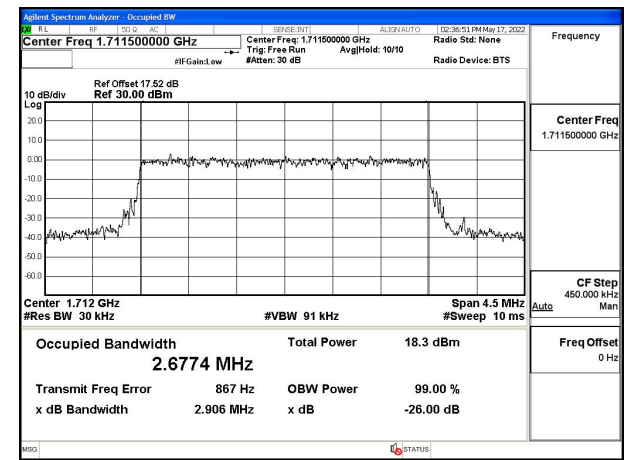


Fig.22

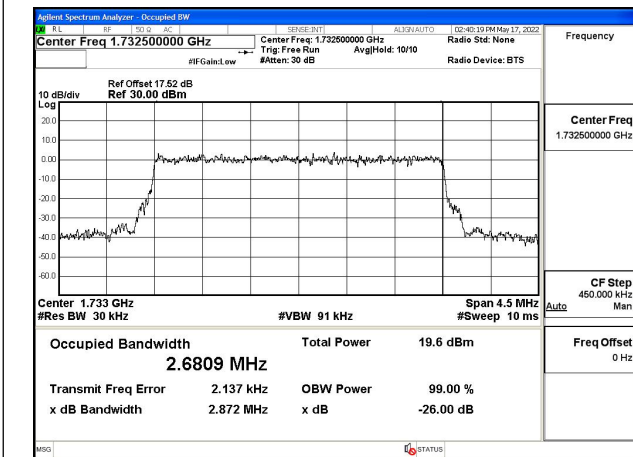


Fig.23

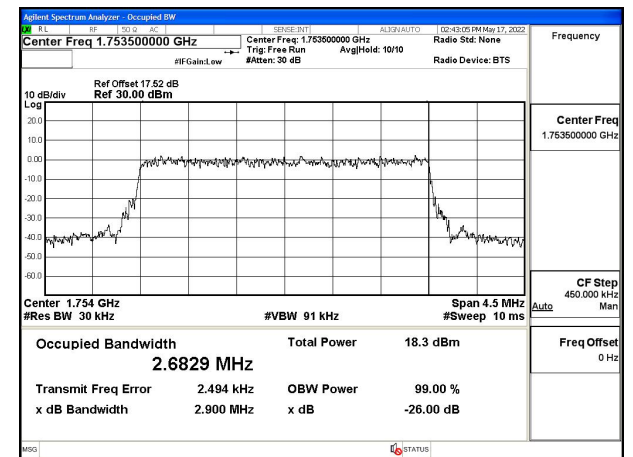


Fig.24

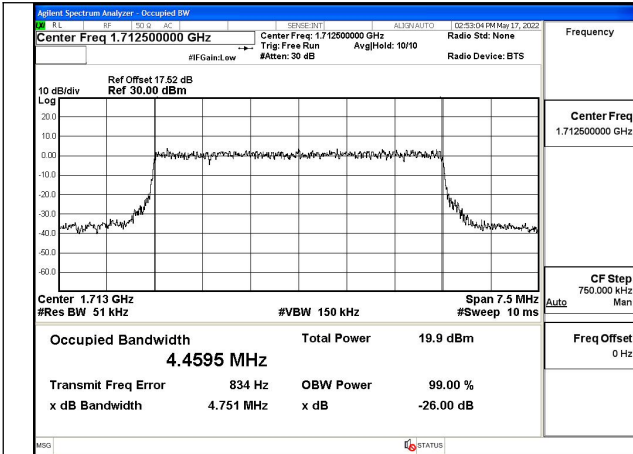


Fig.25

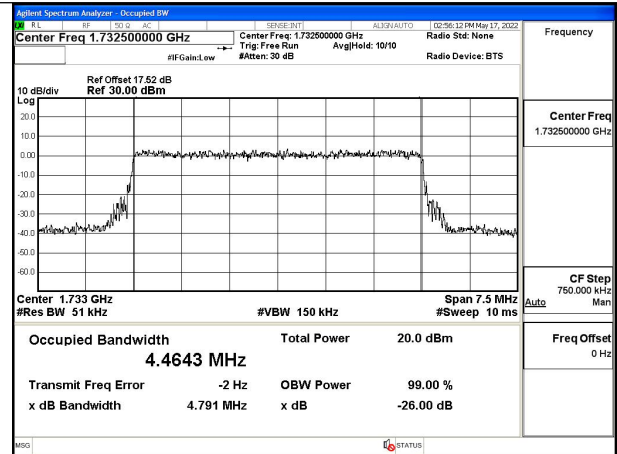


Fig.26

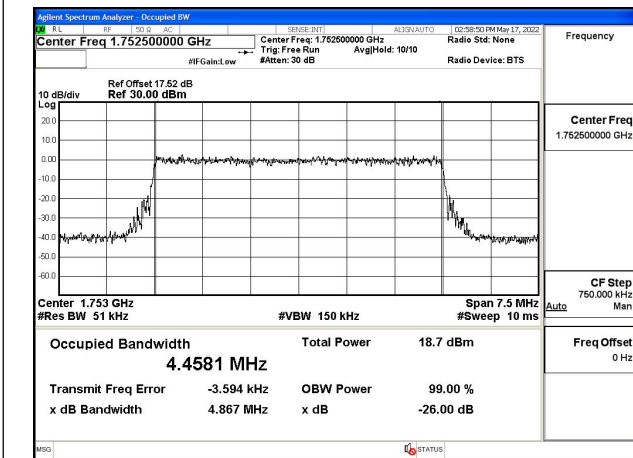


Fig.27

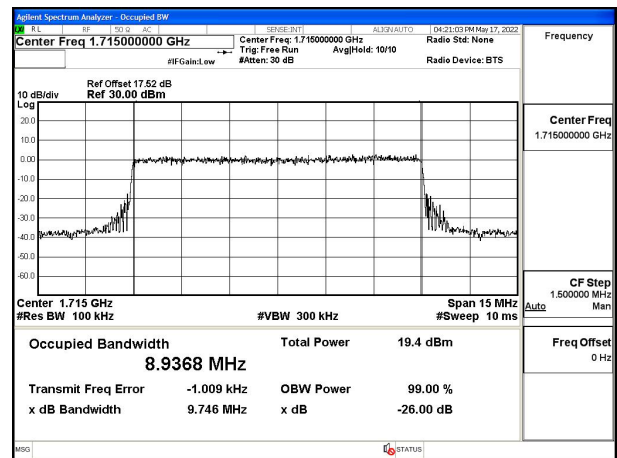


Fig.28

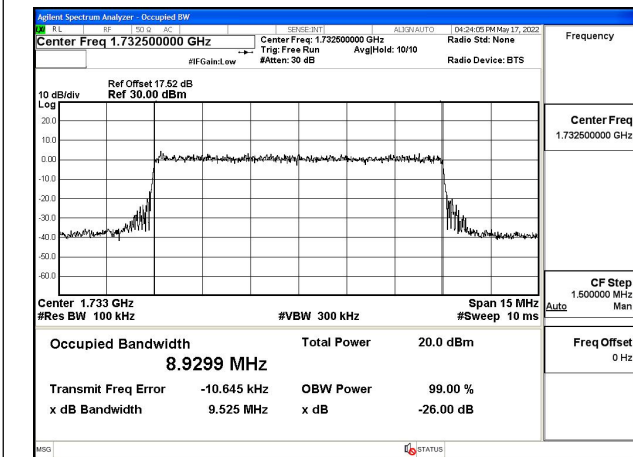


Fig.29

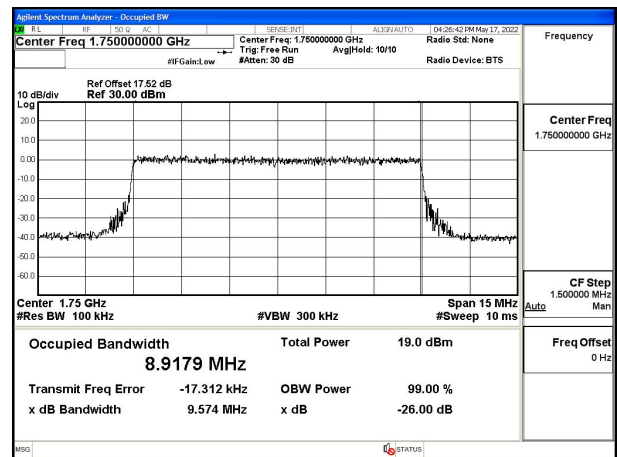


Fig.30

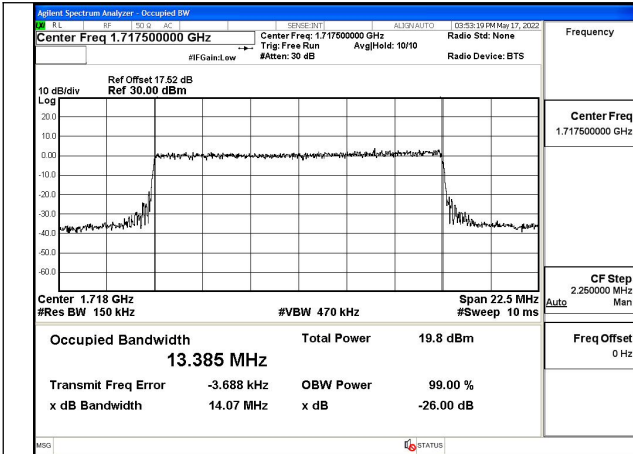


Fig.31

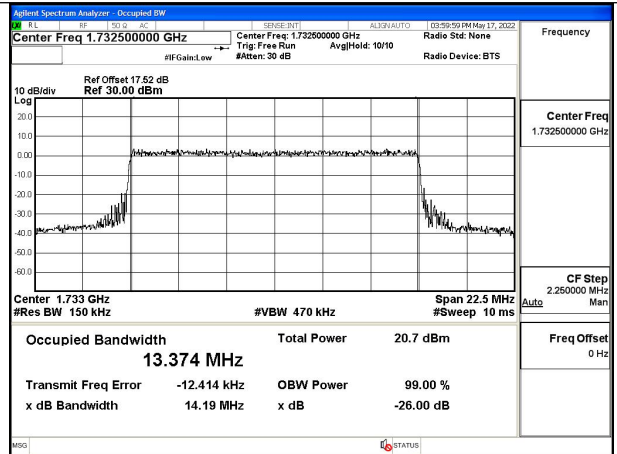


Fig.32

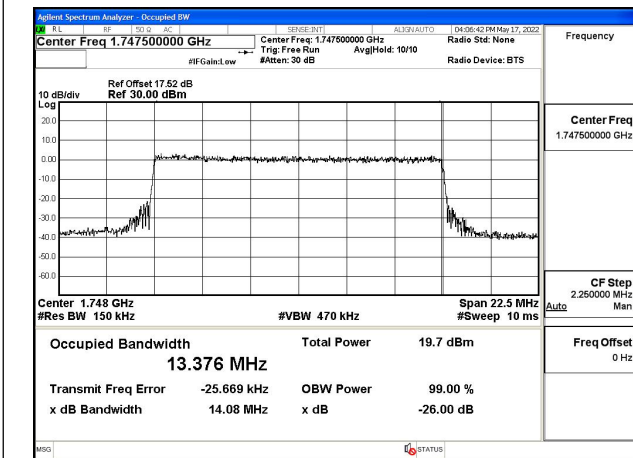


Fig.33

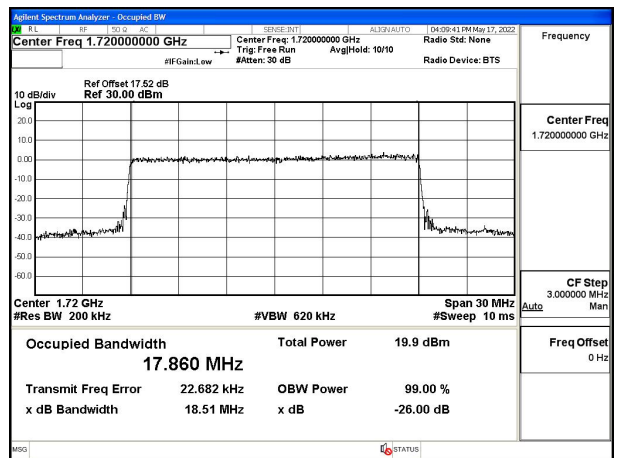


Fig.34

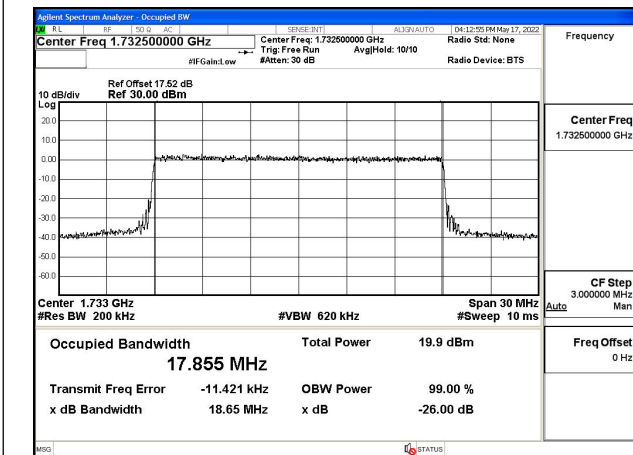


Fig.35

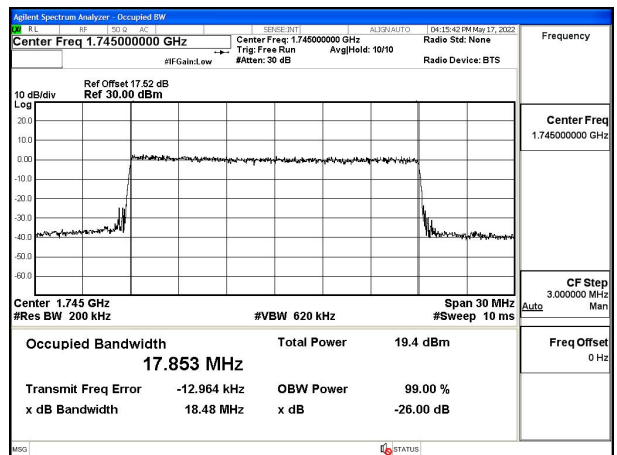


Fig.36

4 Peak-Average Ratio

| Band | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | QPSK | 16-QAM |
|------|-------------------------|---------|----------|---------|-----------|--------|--------|
| 4 | 1710.7 | 19957 | 1.4 | 1 | 5 | Fig.1 | Fig.2 |
| 4 | 1710.7 | 19957 | 1.4 | 6 | 0 | Fig.3 | Fig.4 |
| 4 | 1732.5 | 20175 | 1.4 | 1 | 5 | Fig.5 | Fig.6 |
| 4 | 1732.5 | 20175 | 1.4 | 6 | 0 | Fig.7 | Fig.8 |
| 4 | 1754.3 | 20393 | 1.4 | 1 | 5 | Fig.9 | Fig.10 |
| 4 | 1754.3 | 20393 | 1.4 | 6 | 0 | Fig.11 | Fig.12 |
| 4 | 1711.5 | 19965 | 3 | 1 | 14 | Fig.13 | Fig.14 |
| 4 | 1711.5 | 19965 | 3 | 15 | 0 | Fig.15 | Fig.16 |
| 4 | 1732.5 | 20175 | 3 | 1 | 14 | Fig.17 | Fig.18 |
| 4 | 1732.5 | 20175 | 3 | 15 | 0 | Fig.19 | Fig.20 |
| 4 | 1753.5 | 20385 | 3 | 1 | 14 | Fig.21 | Fig.22 |
| 4 | 1753.5 | 20385 | 3 | 15 | 0 | Fig.23 | Fig.24 |
| 4 | 1712.5 | 19975 | 5 | 1 | 24 | Fig.25 | Fig.26 |
| 4 | 1712.5 | 19975 | 5 | 25 | 0 | Fig.27 | Fig.28 |
| 4 | 1732.5 | 20175 | 5 | 1 | 24 | Fig.29 | Fig.30 |
| 4 | 1732.5 | 20175 | 5 | 25 | 0 | Fig.31 | Fig.32 |
| 4 | 1752.5 | 20375 | 5 | 1 | 24 | Fig.33 | Fig.34 |
| 4 | 1752.5 | 20375 | 5 | 25 | 0 | Fig.35 | Fig.36 |
| 4 | 1715 | 20000 | 10 | 1 | 49 | Fig.37 | Fig.38 |
| 4 | 1715 | 20000 | 10 | 50 | 0 | Fig.39 | Fig.40 |
| 4 | 1732.5 | 20175 | 10 | 1 | 49 | Fig.41 | Fig.42 |
| 4 | 1732.5 | 20175 | 10 | 50 | 0 | Fig.43 | Fig.44 |
| 4 | 1750 | 20350 | 10 | 1 | 49 | Fig.45 | Fig.46 |
| 4 | 1750 | 20350 | 10 | 50 | 0 | Fig.47 | Fig.48 |
| 4 | 1717.5 | 20025 | 15 | 1 | 74 | Fig.49 | Fig.50 |
| 4 | 1717.5 | 20025 | 15 | 75 | 0 | Fig.51 | Fig.52 |
| 4 | 1732.5 | 20175 | 15 | 1 | 74 | Fig.53 | Fig.54 |
| 4 | 1732.5 | 20175 | 15 | 75 | 0 | Fig.55 | Fig.56 |
| 4 | 1747.5 | 20325 | 15 | 1 | 74 | Fig.57 | Fig.58 |
| 4 | 1747.5 | 20325 | 15 | 75 | 0 | Fig.59 | Fig.60 |
| 4 | 1720 | 20050 | 20 | 1 | 99 | Fig.61 | Fig.62 |
| 4 | 1720 | 20050 | 20 | 100 | 0 | Fig.63 | Fig.64 |
| 4 | 1732.5 | 20175 | 20 | 1 | 99 | Fig.65 | Fig.66 |
| 4 | 1732.5 | 20175 | 20 | 100 | 0 | Fig.67 | Fig.68 |
| 4 | 1745 | 20300 | 20 | 1 | 99 | Fig.69 | Fig.70 |
| 4 | 1745 | 20300 | 20 | 100 | 0 | Fig.71 | Fig.72 |

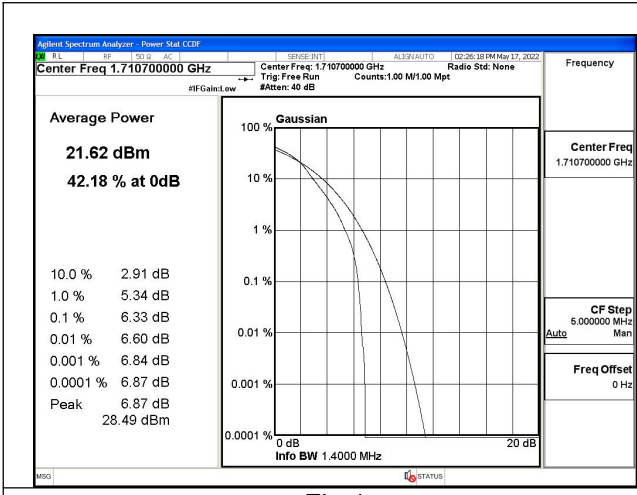


Fig.1

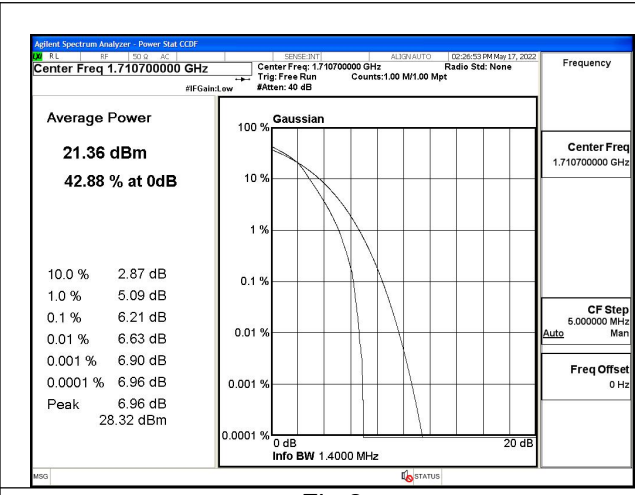


Fig.2

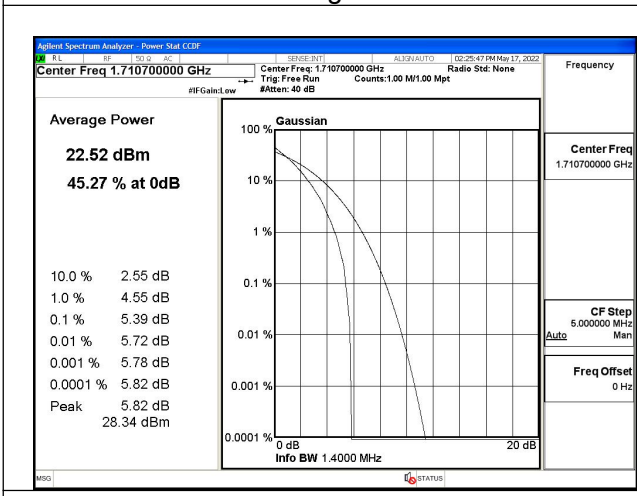


Fig.3

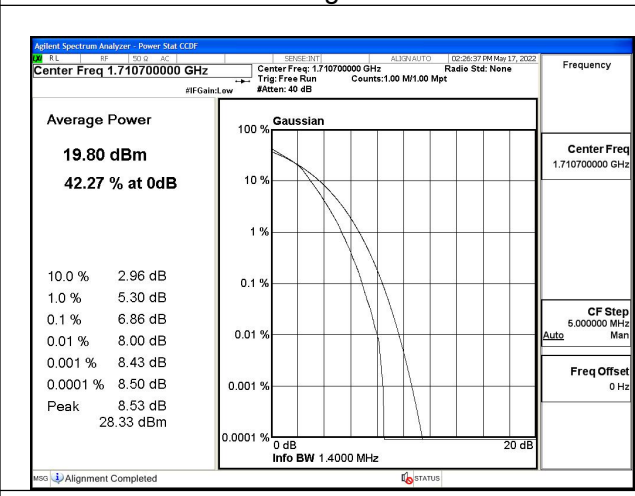


Fig.4

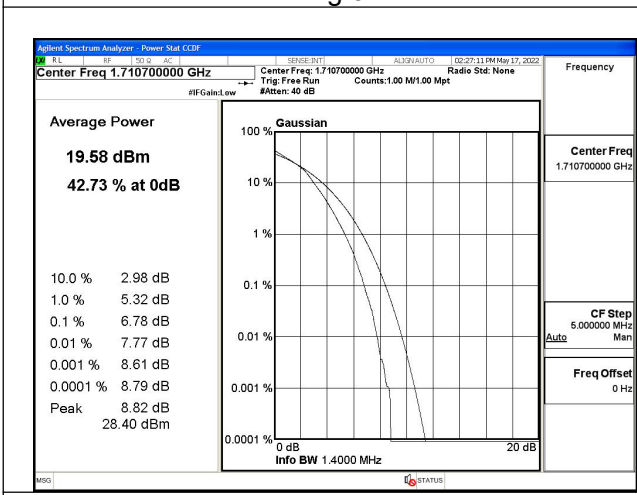


Fig.5

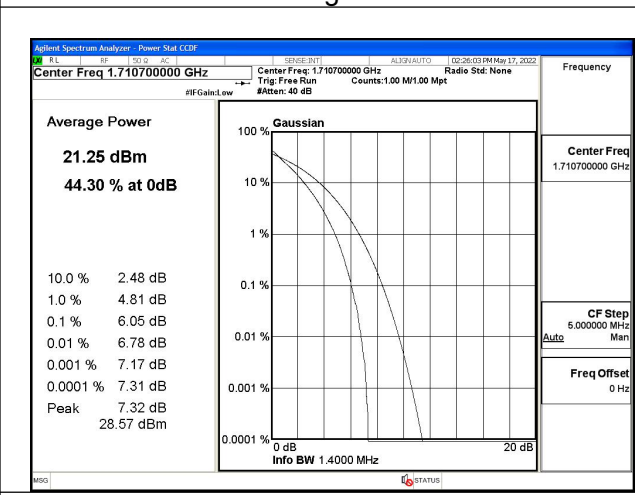


Fig.6