

## 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         | 23.31                 |
| QPSK       | 1710.7                  | 19957      | 1.4 | 1       | 3         | 23.57                 |
| QPSK       | 1710.7                  | 19957      | 1.4 | 1       | 5         | 23.28                 |
| QPSK       | 1710.7                  | 19957      | 1.4 | 3       | 0         | 23.36                 |
| QPSK       | 1710.7                  | 19957      | 1.4 | 3       | 1         | 23.39                 |
| QPSK       | 1710.7                  | 19957      | 1.4 | 3       | 3         | 23.34                 |
| QPSK       | 1710.7                  | 19957      | 1.4 | 6       | 0         | 23.38                 |
| QPSK       | 1732.5                  | 20175      | 1.4 | 1       | 0         | 23.04                 |
| QPSK       | 1732.5                  | 20175      | 1.4 | 1       | 3         | 23.31                 |
| QPSK       | 1732.5                  | 20175      | 1.4 | 1       | 5         | 23.14                 |
| QPSK       | 1732.5                  | 20175      | 1.4 | 3       | 0         | 23.19                 |
| QPSK       | 1732.5                  | 20175      | 1.4 | 3       | 1         | 23.27                 |
| QPSK       | 1732.5                  | 20175      | 1.4 | 3       | 3         | 23.26                 |
| QPSK       | 1732.5                  | 20175      | 1.4 | 6       | 0         | 23.21                 |
| QPSK       | 1754.3                  | 20393      | 1.4 | 1       | 0         | 23.22                 |
| QPSK       | 1754.3                  | 20393      | 1.4 | 1       | 3         | 23.21                 |
| QPSK       | 1754.3                  | 20393      | 1.4 | 1       | 5         | 23.12                 |
| QPSK       | 1754.3                  | 20393      | 1.4 | 3       | 0         | 23.16                 |
| QPSK       | 1754.3                  | 20393      | 1.4 | 3       | 1         | 23.20                 |
| QPSK       | 1754.3                  | 20393      | 1.4 | 3       | 3         | 23.06                 |
| QPSK       | 1754.3                  | 20393      | 1.4 | 6       | 0         | 23.13                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW  | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|-----|---------|-----------|-----------------------|
| 16QAM      | 1710.7                  | 19957      | 1.4 | 1       | 0         | 23.74                 |
| 16QAM      | 1710.7                  | 19957      | 1.4 | 1       | 3         | 23.57                 |
| 16QAM      | 1710.7                  | 19957      | 1.4 | 1       | 5         | 23.75                 |
| 16QAM      | 1710.7                  | 19957      | 1.4 | 3       | 0         | 23.50                 |
| 16QAM      | 1710.7                  | 19957      | 1.4 | 3       | 1         | 23.45                 |
| 16QAM      | 1710.7                  | 19957      | 1.4 | 3       | 3         | 23.33                 |
| 16QAM      | 1710.7                  | 19957      | 1.4 | 6       | 0         | 22.79                 |
| 16QAM      | 1732.5                  | 20175      | 1.4 | 1       | 0         | 23.27                 |
| 16QAM      | 1732.5                  | 20175      | 1.4 | 1       | 3         | 23.35                 |
| 16QAM      | 1732.5                  | 20175      | 1.4 | 1       | 5         | 23.38                 |
| 16QAM      | 1732.5                  | 20175      | 1.4 | 3       | 0         | 23.49                 |
| 16QAM      | 1732.5                  | 20175      | 1.4 | 3       | 1         | 23.26                 |
| 16QAM      | 1732.5                  | 20175      | 1.4 | 3       | 3         | 23.11                 |
| 16QAM      | 1732.5                  | 20175      | 1.4 | 6       | 0         | 22.82                 |
| 16QAM      | 1754.3                  | 20393      | 1.4 | 1       | 0         | 23.29                 |
| 16QAM      | 1754.3                  | 20393      | 1.4 | 1       | 3         | 23.55                 |
| 16QAM      | 1754.3                  | 20393      | 1.4 | 1       | 5         | 23.39                 |
| 16QAM      | 1754.3                  | 20393      | 1.4 | 3       | 0         | 23.11                 |
| 16QAM      | 1754.3                  | 20393      | 1.4 | 3       | 1         | 23.19                 |
| 16QAM      | 1754.3                  | 20393      | 1.4 | 3       | 3         | 23.29                 |
| 16QAM      | 1754.3                  | 20393      | 1.4 | 6       | 0         | 22.45                 |
| 64QAM      | 1710.7                  | 19957      | 1.4 | 1       | 0         | 22.86                 |
| 64QAM      | 1710.7                  | 19957      | 1.4 | 1       | 3         | 23.22                 |
| 64QAM      | 1710.7                  | 19957      | 1.4 | 1       | 5         | 22.95                 |
| 64QAM      | 1710.7                  | 19957      | 1.4 | 3       | 0         | 23.01                 |
| 64QAM      | 1710.7                  | 19957      | 1.4 | 3       | 1         | 22.97                 |
| 64QAM      | 1710.7                  | 19957      | 1.4 | 3       | 3         | 22.76                 |
| 64QAM      | 1710.7                  | 19957      | 1.4 | 6       | 0         | 21.82                 |
| 64QAM      | 1732.5                  | 20175      | 1.4 | 1       | 0         | 22.85                 |
| 64QAM      | 1732.5                  | 20175      | 1.4 | 1       | 3         | 22.68                 |
| 64QAM      | 1732.5                  | 20175      | 1.4 | 1       | 5         | 23.05                 |
| 64QAM      | 1732.5                  | 20175      | 1.4 | 3       | 0         | 22.91                 |
| 64QAM      | 1732.5                  | 20175      | 1.4 | 3       | 1         | 22.96                 |
| 64QAM      | 1732.5                  | 20175      | 1.4 | 3       | 3         | 22.92                 |
| 64QAM      | 1732.5                  | 20175      | 1.4 | 6       | 0         | 21.80                 |
| 64QAM      | 1754.3                  | 20393      | 1.4 | 1       | 0         | 22.51                 |
| 64QAM      | 1754.3                  | 20393      | 1.4 | 1       | 3         | 22.91                 |
| 64QAM      | 1754.3                  | 20393      | 1.4 | 1       | 5         | 22.61                 |
| 64QAM      | 1754.3                  | 20393      | 1.4 | 3       | 0         | 22.63                 |
| 64QAM      | 1754.3                  | 20393      | 1.4 | 3       | 1         | 22.63                 |
| 64QAM      | 1754.3                  | 20393      | 1.4 | 3       | 3         | 22.58                 |
| 64QAM      | 1754.3                  | 20393      | 1.4 | 6       | 0         | 21.43                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 1711.5                  | 19965      | 3  | 1       | 0         | 23.35                 |
| QPSK       | 1711.5                  | 19965      | 3  | 1       | 8         | 23.43                 |
| QPSK       | 1711.5                  | 19965      | 3  | 1       | 14        | 23.43                 |
| QPSK       | 1711.5                  | 19965      | 3  | 8       | 0         | 23.38                 |
| QPSK       | 1711.5                  | 19965      | 3  | 8       | 4         | 23.44                 |
| QPSK       | 1711.5                  | 19965      | 3  | 8       | 7         | 23.35                 |
| QPSK       | 1711.5                  | 19965      | 3  | 15      | 0         | 23.40                 |
| QPSK       | 1732.5                  | 20175      | 3  | 1       | 0         | 23.17                 |
| QPSK       | 1732.5                  | 20175      | 3  | 1       | 8         | 23.17                 |
| QPSK       | 1732.5                  | 20175      | 3  | 1       | 14        | 23.02                 |
| QPSK       | 1732.5                  | 20175      | 3  | 8       | 0         | 23.25                 |
| QPSK       | 1732.5                  | 20175      | 3  | 8       | 4         | 23.24                 |
| QPSK       | 1732.5                  | 20175      | 3  | 8       | 7         | 23.17                 |
| QPSK       | 1732.5                  | 20175      | 3  | 15      | 0         | 23.25                 |
| QPSK       | 1753.5                  | 20385      | 3  | 1       | 0         | 23.06                 |
| QPSK       | 1753.5                  | 20385      | 3  | 1       | 8         | 23.04                 |
| QPSK       | 1753.5                  | 20385      | 3  | 1       | 14        | 22.99                 |
| QPSK       | 1753.5                  | 20385      | 3  | 8       | 0         | 23.08                 |
| QPSK       | 1753.5                  | 20385      | 3  | 8       | 4         | 23.18                 |
| QPSK       | 1753.5                  | 20385      | 3  | 8       | 7         | 23.15                 |
| QPSK       | 1753.5                  | 20385      | 3  | 15      | 0         | 23.04                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM      | 1711.5                  | 19965      | 3  | 1       | 0         | 23.41                 |
| 16QAM      | 1711.5                  | 19965      | 3  | 1       | 8         | 23.51                 |
| 16QAM      | 1711.5                  | 19965      | 3  | 1       | 14        | 23.36                 |
| 16QAM      | 1711.5                  | 19965      | 3  | 8       | 0         | 22.95                 |
| 16QAM      | 1711.5                  | 19965      | 3  | 8       | 4         | 22.88                 |
| 16QAM      | 1711.5                  | 19965      | 3  | 8       | 7         | 22.78                 |
| 16QAM      | 1711.5                  | 19965      | 3  | 15      | 0         | 22.65                 |
| 16QAM      | 1732.5                  | 20175      | 3  | 1       | 0         | 23.56                 |
| 16QAM      | 1732.5                  | 20175      | 3  | 1       | 8         | 23.35                 |
| 16QAM      | 1732.5                  | 20175      | 3  | 1       | 14        | 23.05                 |
| 16QAM      | 1732.5                  | 20175      | 3  | 8       | 0         | 22.73                 |
| 16QAM      | 1732.5                  | 20175      | 3  | 8       | 4         | 22.72                 |
| 16QAM      | 1732.5                  | 20175      | 3  | 8       | 7         | 22.71                 |
| 16QAM      | 1732.5                  | 20175      | 3  | 15      | 0         | 22.79                 |
| 16QAM      | 1753.5                  | 20385      | 3  | 1       | 0         | 23.29                 |
| 16QAM      | 1753.5                  | 20385      | 3  | 1       | 8         | 22.97                 |
| 16QAM      | 1753.5                  | 20385      | 3  | 1       | 14        | 23.26                 |
| 16QAM      | 1753.5                  | 20385      | 3  | 8       | 0         | 22.30                 |
| 16QAM      | 1753.5                  | 20385      | 3  | 8       | 4         | 22.23                 |
| 16QAM      | 1753.5                  | 20385      | 3  | 8       | 7         | 22.46                 |
| 16QAM      | 1753.5                  | 20385      | 3  | 15      | 0         | 22.12                 |
| 64QAM      | 1711.5                  | 19965      | 3  | 1       | 0         | 22.73                 |
| 64QAM      | 1711.5                  | 19965      | 3  | 1       | 8         | 22.86                 |
| 64QAM      | 1711.5                  | 19965      | 3  | 1       | 14        | 22.74                 |
| 64QAM      | 1711.5                  | 19965      | 3  | 8       | 0         | 21.85                 |
| 64QAM      | 1711.5                  | 19965      | 3  | 8       | 4         | 21.81                 |
| 64QAM      | 1711.5                  | 19965      | 3  | 8       | 7         | 21.77                 |
| 64QAM      | 1711.5                  | 19965      | 3  | 15      | 0         | 21.70                 |
| 64QAM      | 1732.5                  | 20175      | 3  | 1       | 0         | 22.70                 |
| 64QAM      | 1732.5                  | 20175      | 3  | 1       | 8         | 23.10                 |
| 64QAM      | 1732.5                  | 20175      | 3  | 1       | 14        | 22.72                 |
| 64QAM      | 1732.5                  | 20175      | 3  | 8       | 0         | 21.74                 |
| 64QAM      | 1732.5                  | 20175      | 3  | 8       | 4         | 21.77                 |
| 64QAM      | 1732.5                  | 20175      | 3  | 8       | 7         | 21.73                 |
| 64QAM      | 1732.5                  | 20175      | 3  | 15      | 0         | 21.73                 |
| 64QAM      | 1753.5                  | 20385      | 3  | 1       | 0         | 22.29                 |
| 64QAM      | 1753.5                  | 20385      | 3  | 1       | 8         | 22.61                 |
| 64QAM      | 1753.5                  | 20385      | 3  | 1       | 14        | 22.24                 |
| 64QAM      | 1753.5                  | 20385      | 3  | 8       | 0         | 21.23                 |
| 64QAM      | 1753.5                  | 20385      | 3  | 8       | 4         | 21.42                 |
| 64QAM      | 1753.5                  | 20385      | 3  | 8       | 7         | 21.35                 |
| 64QAM      | 1753.5                  | 20385      | 3  | 15      | 0         | 21.31                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 1712.5                  | 19975      | 5  | 1       | 0         | 23.40                 |
| QPSK       | 1712.5                  | 19975      | 5  | 1       | 12        | 23.52                 |
| QPSK       | 1712.5                  | 19975      | 5  | 1       | 24        | 23.32                 |
| QPSK       | 1712.5                  | 19975      | 5  | 12      | 0         | 23.40                 |
| QPSK       | 1712.5                  | 19975      | 5  | 12      | 7         | 23.47                 |
| QPSK       | 1712.5                  | 19975      | 5  | 12      | 13        | 23.39                 |
| QPSK       | 1712.5                  | 19975      | 5  | 25      | 0         | 23.42                 |
| QPSK       | 1732.5                  | 20175      | 5  | 1       | 0         | 23.28                 |
| QPSK       | 1732.5                  | 20175      | 5  | 1       | 12        | 23.36                 |
| QPSK       | 1732.5                  | 20175      | 5  | 1       | 24        | 23.12                 |
| QPSK       | 1732.5                  | 20175      | 5  | 12      | 0         | 23.16                 |
| QPSK       | 1732.5                  | 20175      | 5  | 12      | 7         | 23.25                 |
| QPSK       | 1732.5                  | 20175      | 5  | 12      | 13        | 23.25                 |
| QPSK       | 1732.5                  | 20175      | 5  | 25      | 0         | 23.12                 |
| QPSK       | 1752.5                  | 20375      | 5  | 1       | 0         | 23.14                 |
| QPSK       | 1752.5                  | 20375      | 5  | 1       | 12        | 23.31                 |
| QPSK       | 1752.5                  | 20375      | 5  | 1       | 24        | 23.17                 |
| QPSK       | 1752.5                  | 20375      | 5  | 12      | 0         | 22.60                 |
| QPSK       | 1752.5                  | 20375      | 5  | 12      | 7         | 22.94                 |
| QPSK       | 1752.5                  | 20375      | 5  | 12      | 13        | 23.20                 |
| QPSK       | 1752.5                  | 20375      | 5  | 25      | 0         | 22.79                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM      | 1712.5                  | 19975      | 5  | 1       | 0         | 23.52                 |
| 16QAM      | 1712.5                  | 19975      | 5  | 1       | 12        | 23.43                 |
| 16QAM      | 1712.5                  | 19975      | 5  | 1       | 24        | 23.27                 |
| 16QAM      | 1712.5                  | 19975      | 5  | 12      | 0         | 22.71                 |
| 16QAM      | 1712.5                  | 19975      | 5  | 12      | 7         | 22.85                 |
| 16QAM      | 1712.5                  | 19975      | 5  | 12      | 13        | 22.57                 |
| 16QAM      | 1712.5                  | 19975      | 5  | 25      | 0         | 22.68                 |
| 16QAM      | 1732.5                  | 20175      | 5  | 1       | 0         | 23.35                 |
| 16QAM      | 1732.5                  | 20175      | 5  | 1       | 12        | 23.22                 |
| 16QAM      | 1732.5                  | 20175      | 5  | 1       | 24        | 23.30                 |
| 16QAM      | 1732.5                  | 20175      | 5  | 12      | 0         | 22.74                 |
| 16QAM      | 1732.5                  | 20175      | 5  | 12      | 7         | 22.80                 |
| 16QAM      | 1732.5                  | 20175      | 5  | 12      | 13        | 22.74                 |
| 16QAM      | 1732.5                  | 20175      | 5  | 25      | 0         | 22.68                 |
| 16QAM      | 1752.5                  | 20375      | 5  | 1       | 0         | 22.92                 |
| 16QAM      | 1752.5                  | 20375      | 5  | 1       | 12        | 23.02                 |
| 16QAM      | 1752.5                  | 20375      | 5  | 1       | 24        | 23.06                 |
| 16QAM      | 1752.5                  | 20375      | 5  | 12      | 0         | 21.95                 |
| 16QAM      | 1752.5                  | 20375      | 5  | 12      | 7         | 21.92                 |
| 16QAM      | 1752.5                  | 20375      | 5  | 12      | 13        | 22.25                 |
| 16QAM      | 1752.5                  | 20375      | 5  | 25      | 0         | 21.89                 |
| 64QAM      | 1712.5                  | 19975      | 5  | 1       | 0         | 22.73                 |
| 64QAM      | 1712.5                  | 19975      | 5  | 1       | 12        | 22.84                 |
| 64QAM      | 1712.5                  | 19975      | 5  | 1       | 24        | 22.81                 |
| 64QAM      | 1712.5                  | 19975      | 5  | 12      | 0         | 21.70                 |
| 64QAM      | 1712.5                  | 19975      | 5  | 12      | 7         | 21.81                 |
| 64QAM      | 1712.5                  | 19975      | 5  | 12      | 13        | 21.81                 |
| 64QAM      | 1712.5                  | 19975      | 5  | 25      | 0         | 21.68                 |
| 64QAM      | 1732.5                  | 20175      | 5  | 1       | 0         | 22.80                 |
| 64QAM      | 1732.5                  | 20175      | 5  | 1       | 12        | 23.39                 |
| 64QAM      | 1732.5                  | 20175      | 5  | 1       | 24        | 22.79                 |
| 64QAM      | 1732.5                  | 20175      | 5  | 12      | 0         | 21.63                 |
| 64QAM      | 1732.5                  | 20175      | 5  | 12      | 7         | 21.75                 |
| 64QAM      | 1732.5                  | 20175      | 5  | 12      | 13        | 21.68                 |
| 64QAM      | 1732.5                  | 20175      | 5  | 25      | 0         | 21.62                 |
| 64QAM      | 1752.5                  | 20375      | 5  | 1       | 0         | 22.44                 |
| 64QAM      | 1752.5                  | 20375      | 5  | 1       | 12        | 22.41                 |
| 64QAM      | 1752.5                  | 20375      | 5  | 1       | 24        | 22.05                 |
| 64QAM      | 1752.5                  | 20375      | 5  | 12      | 0         | 20.93                 |
| 64QAM      | 1752.5                  | 20375      | 5  | 12      | 7         | 21.13                 |
| 64QAM      | 1752.5                  | 20375      | 5  | 12      | 13        | 21.24                 |
| 64QAM      | 1752.5                  | 20375      | 5  | 25      | 0         | 21.01                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 1715                    | 20000      | 10 | 1       | 0         | 23.21                 |
| QPSK       | 1715                    | 20000      | 10 | 1       | 25        | 23.22                 |
| QPSK       | 1715                    | 20000      | 10 | 1       | 49        | 23.29                 |
| QPSK       | 1715                    | 20000      | 10 | 25      | 0         | 23.45                 |
| QPSK       | 1715                    | 20000      | 10 | 25      | 12        | 23.46                 |
| QPSK       | 1715                    | 20000      | 10 | 25      | 25        | 23.30                 |
| QPSK       | 1715                    | 20000      | 10 | 50      | 0         | 23.39                 |
| QPSK       | 1732.5                  | 20175      | 10 | 1       | 0         | 23.21                 |
| QPSK       | 1732.5                  | 20175      | 10 | 1       | 25        | 23.21                 |
| QPSK       | 1732.5                  | 20175      | 10 | 1       | 49        | 23.17                 |
| QPSK       | 1732.5                  | 20175      | 10 | 25      | 0         | 23.21                 |
| QPSK       | 1732.5                  | 20175      | 10 | 25      | 12        | 23.20                 |
| QPSK       | 1732.5                  | 20175      | 10 | 25      | 25        | 23.22                 |
| QPSK       | 1732.5                  | 20175      | 10 | 50      | 0         | 23.18                 |
| QPSK       | 1750                    | 20350      | 10 | 1       | 0         | 23.25                 |
| QPSK       | 1750                    | 20350      | 10 | 1       | 25        | 23.10                 |
| QPSK       | 1750                    | 20350      | 10 | 1       | 49        | 23.12                 |
| QPSK       | 1750                    | 20350      | 10 | 25      | 0         | 22.15                 |
| QPSK       | 1750                    | 20350      | 10 | 25      | 12        | 22.54                 |
| QPSK       | 1750                    | 20350      | 10 | 25      | 25        | 22.85                 |
| QPSK       | 1750                    | 20350      | 10 | 50      | 0         | 22.66                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM      | 1715                    | 20000      | 10 | 1       | 0         | 23.73                 |
| 16QAM      | 1715                    | 20000      | 10 | 1       | 25        | 23.79                 |
| 16QAM      | 1715                    | 20000      | 10 | 1       | 49        | 23.65                 |
| 16QAM      | 1715                    | 20000      | 10 | 25      | 0         | 22.57                 |
| 16QAM      | 1715                    | 20000      | 10 | 25      | 12        | 22.68                 |
| 16QAM      | 1715                    | 20000      | 10 | 25      | 25        | 22.68                 |
| 16QAM      | 1715                    | 20000      | 10 | 50      | 0         | 22.78                 |
| 16QAM      | 1732.5                  | 20175      | 10 | 1       | 0         | 23.48                 |
| 16QAM      | 1732.5                  | 20175      | 10 | 1       | 25        | 23.62                 |
| 16QAM      | 1732.5                  | 20175      | 10 | 1       | 49        | 23.68                 |
| 16QAM      | 1732.5                  | 20175      | 10 | 25      | 0         | 22.69                 |
| 16QAM      | 1732.5                  | 20175      | 10 | 25      | 12        | 22.68                 |
| 16QAM      | 1732.5                  | 20175      | 10 | 25      | 25        | 22.76                 |
| 16QAM      | 1732.5                  | 20175      | 10 | 50      | 0         | 22.67                 |
| 16QAM      | 1750                    | 20350      | 10 | 1       | 0         | 23.26                 |
| 16QAM      | 1750                    | 20350      | 10 | 1       | 25        | 22.73                 |
| 16QAM      | 1750                    | 20350      | 10 | 1       | 49        | 23.22                 |
| 16QAM      | 1750                    | 20350      | 10 | 25      | 0         | 21.34                 |
| 16QAM      | 1750                    | 20350      | 10 | 25      | 12        | 21.73                 |
| 16QAM      | 1750                    | 20350      | 10 | 25      | 25        | 21.93                 |
| 16QAM      | 1750                    | 20350      | 10 | 50      | 0         | 21.65                 |
| 64QAM      | 1715                    | 20000      | 10 | 1       | 0         | 23.08                 |
| 64QAM      | 1715                    | 20000      | 10 | 1       | 25        | 23.37                 |
| 64QAM      | 1715                    | 20000      | 10 | 1       | 49        | 22.84                 |
| 64QAM      | 1715                    | 20000      | 10 | 25      | 0         | 21.68                 |
| 64QAM      | 1715                    | 20000      | 10 | 25      | 12        | 21.73                 |
| 64QAM      | 1715                    | 20000      | 10 | 25      | 25        | 21.83                 |
| 64QAM      | 1715                    | 20000      | 10 | 50      | 0         | 21.71                 |
| 64QAM      | 1732.5                  | 20175      | 10 | 1       | 0         | 22.70                 |
| 64QAM      | 1732.5                  | 20175      | 10 | 1       | 25        | 22.60                 |
| 64QAM      | 1732.5                  | 20175      | 10 | 1       | 49        | 23.00                 |
| 64QAM      | 1732.5                  | 20175      | 10 | 25      | 0         | 21.75                 |
| 64QAM      | 1732.5                  | 20175      | 10 | 25      | 12        | 21.62                 |
| 64QAM      | 1732.5                  | 20175      | 10 | 25      | 25        | 21.72                 |
| 64QAM      | 1732.5                  | 20175      | 10 | 50      | 0         | 21.64                 |
| 64QAM      | 1750                    | 20350      | 10 | 1       | 0         | 21.54                 |
| 64QAM      | 1750                    | 20350      | 10 | 1       | 25        | 21.57                 |
| 64QAM      | 1750                    | 20350      | 10 | 1       | 49        | 21.35                 |
| 64QAM      | 1750                    | 20350      | 10 | 25      | 0         | 20.41                 |
| 64QAM      | 1750                    | 20350      | 10 | 25      | 12        | 20.52                 |
| 64QAM      | 1750                    | 20350      | 10 | 25      | 25        | 20.98                 |
| 64QAM      | 1750                    | 20350      | 10 | 50      | 0         | 20.67                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 1717.5                  | 20025      | 15 | 1       | 0         | 23.62                 |
| QPSK       | 1717.5                  | 20025      | 15 | 1       | 37        | 23.03                 |
| QPSK       | 1717.5                  | 20025      | 15 | 1       | 74        | 23.24                 |
| QPSK       | 1717.5                  | 20025      | 15 | 36      | 0         | 23.28                 |
| QPSK       | 1717.5                  | 20025      | 15 | 36      | 29        | 23.21                 |
| QPSK       | 1717.5                  | 20025      | 15 | 36      | 30        | 23.23                 |
| QPSK       | 1717.5                  | 20025      | 15 | 75      | 0         | 23.29                 |
| QPSK       | 1732.5                  | 20175      | 15 | 1       | 0         | 23.07                 |
| QPSK       | 1732.5                  | 20175      | 15 | 1       | 37        | 22.99                 |
| QPSK       | 1732.5                  | 20175      | 15 | 1       | 74        | 22.94                 |
| QPSK       | 1732.5                  | 20175      | 15 | 36      | 0         | 23.08                 |
| QPSK       | 1732.5                  | 20175      | 15 | 36      | 29        | 23.13                 |
| QPSK       | 1732.5                  | 20175      | 15 | 36      | 30        | 23.10                 |
| QPSK       | 1732.5                  | 20175      | 15 | 75      | 0         | 23.01                 |
| QPSK       | 1747.5                  | 20325      | 15 | 1       | 0         | 22.95                 |
| QPSK       | 1747.5                  | 20325      | 15 | 1       | 37        | 22.97                 |
| QPSK       | 1747.5                  | 20325      | 15 | 1       | 74        | 23.07                 |
| QPSK       | 1747.5                  | 20325      | 15 | 36      | 0         | 22.34                 |
| QPSK       | 1747.5                  | 20325      | 15 | 36      | 29        | 22.24                 |
| QPSK       | 1747.5                  | 20325      | 15 | 36      | 30        | 22.37                 |
| QPSK       | 1747.5                  | 20325      | 15 | 75      | 0         | 22.52                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM      | 1717.5                  | 20025      | 15 | 1       | 0         | 23.32                 |
| 16QAM      | 1717.5                  | 20025      | 15 | 1       | 37        | 23.28                 |
| 16QAM      | 1717.5                  | 20025      | 15 | 1       | 74        | 23.78                 |
| 16QAM      | 1717.5                  | 20025      | 15 | 36      | 0         | 22.82                 |
| 16QAM      | 1717.5                  | 20025      | 15 | 36      | 29        | 22.76                 |
| 16QAM      | 1717.5                  | 20025      | 15 | 36      | 30        | 22.76                 |
| 16QAM      | 1717.5                  | 20025      | 15 | 75      | 0         | 22.78                 |
| 16QAM      | 1732.5                  | 20175      | 15 | 1       | 0         | 23.27                 |
| 16QAM      | 1732.5                  | 20175      | 15 | 1       | 37        | 23.61                 |
| 16QAM      | 1732.5                  | 20175      | 15 | 1       | 74        | 23.43                 |
| 16QAM      | 1732.5                  | 20175      | 15 | 36      | 0         | 22.64                 |
| 16QAM      | 1732.5                  | 20175      | 15 | 36      | 29        | 22.54                 |
| 16QAM      | 1732.5                  | 20175      | 15 | 36      | 30        | 22.65                 |
| 16QAM      | 1732.5                  | 20175      | 15 | 75      | 0         | 22.56                 |
| 16QAM      | 1747.5                  | 20325      | 15 | 1       | 0         | 22.78                 |
| 16QAM      | 1747.5                  | 20325      | 15 | 1       | 37        | 22.57                 |
| 16QAM      | 1747.5                  | 20325      | 15 | 1       | 74        | 22.57                 |
| 16QAM      | 1747.5                  | 20325      | 15 | 36      | 0         | 21.44                 |
| 16QAM      | 1747.5                  | 20325      | 15 | 36      | 29        | 21.52                 |
| 16QAM      | 1747.5                  | 20325      | 15 | 36      | 30        | 21.49                 |
| 16QAM      | 1747.5                  | 20325      | 15 | 75      | 0         | 21.50                 |
| 64QAM      | 1717.5                  | 20025      | 15 | 1       | 0         | 23.06                 |
| 64QAM      | 1717.5                  | 20025      | 15 | 1       | 37        | 22.86                 |
| 64QAM      | 1717.5                  | 20025      | 15 | 1       | 74        | 22.67                 |
| 64QAM      | 1717.5                  | 20025      | 15 | 36      | 0         | 21.74                 |
| 64QAM      | 1717.5                  | 20025      | 15 | 36      | 29        | 21.71                 |
| 64QAM      | 1717.5                  | 20025      | 15 | 36      | 30        | 21.78                 |
| 64QAM      | 1717.5                  | 20025      | 15 | 75      | 0         | 21.77                 |
| 64QAM      | 1732.5                  | 20175      | 15 | 1       | 0         | 22.78                 |
| 64QAM      | 1732.5                  | 20175      | 15 | 1       | 37        | 22.89                 |
| 64QAM      | 1732.5                  | 20175      | 15 | 1       | 74        | 22.91                 |
| 64QAM      | 1732.5                  | 20175      | 15 | 36      | 0         | 21.60                 |
| 64QAM      | 1732.5                  | 20175      | 15 | 36      | 29        | 21.65                 |
| 64QAM      | 1732.5                  | 20175      | 15 | 36      | 30        | 21.54                 |
| 64QAM      | 1732.5                  | 20175      | 15 | 75      | 0         | 21.56                 |
| 64QAM      | 1747.5                  | 20325      | 15 | 1       | 0         | 21.87                 |
| 64QAM      | 1747.5                  | 20325      | 15 | 1       | 37        | 21.56                 |
| 64QAM      | 1747.5                  | 20325      | 15 | 1       | 74        | 21.37                 |
| 64QAM      | 1747.5                  | 20325      | 15 | 36      | 0         | 20.49                 |
| 64QAM      | 1747.5                  | 20325      | 15 | 36      | 29        | 20.54                 |
| 64QAM      | 1747.5                  | 20325      | 15 | 36      | 30        | 20.50                 |
| 64QAM      | 1747.5                  | 20325      | 15 | 75      | 0         | 20.57                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 1720                    | 20050      | 20 | 1       | 0         | 23.30                 |
| QPSK       | 1720                    | 20050      | 20 | 1       | 49        | 23.18                 |
| QPSK       | 1720                    | 20050      | 20 | 1       | 99        | 23.03                 |
| QPSK       | 1720                    | 20050      | 20 | 50      | 0         | 23.21                 |
| QPSK       | 1720                    | 20050      | 20 | 50      | 24        | 23.21                 |
| QPSK       | 1720                    | 20050      | 20 | 50      | 50        | 23.17                 |
| QPSK       | 1720                    | 20050      | 20 | 100     | 0         | 23.17                 |
| QPSK       | 1732.5                  | 20175      | 20 | 1       | 0         | 23.04                 |
| QPSK       | 1732.5                  | 20175      | 20 | 1       | 49        | 23.20                 |
| QPSK       | 1732.5                  | 20175      | 20 | 1       | 99        | 22.94                 |
| QPSK       | 1732.5                  | 20175      | 20 | 50      | 0         | 23.08                 |
| QPSK       | 1732.5                  | 20175      | 20 | 50      | 24        | 22.94                 |
| QPSK       | 1732.5                  | 20175      | 20 | 50      | 50        | 23.09                 |
| QPSK       | 1732.5                  | 20175      | 20 | 100     | 0         | 23.15                 |
| QPSK       | 1745                    | 20300      | 20 | 1       | 0         | 23.02                 |
| QPSK       | 1745                    | 20300      | 20 | 1       | 49        | 22.99                 |
| QPSK       | 1745                    | 20300      | 20 | 1       | 99        | 23.00                 |
| QPSK       | 1745                    | 20300      | 20 | 50      | 0         | 23.11                 |
| QPSK       | 1745                    | 20300      | 20 | 50      | 24        | 22.33                 |
| QPSK       | 1745                    | 20300      | 20 | 50      | 50        | 22.54                 |
| QPSK       | 1745                    | 20300      | 20 | 100     | 0         | 23.06                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 256QAM     | 1720                    | 20050      | 20 | 1       | 0         | 18.10                 |
| 256QAM     | 1732.5                  | 20175      | 20 | 1       | 0         | 18.15                 |
| 256QAM     | 1745                    | 20300      | 20 | 1       | 0         | 18.07                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM      | 1720                    | 20050      | 20 | 1       | 0         | 23.35                 |
| 16QAM      | 1720                    | 20050      | 20 | 1       | 49        | 23.48                 |
| 16QAM      | 1720                    | 20050      | 20 | 1       | 99        | 23.44                 |
| 16QAM      | 1720                    | 20050      | 20 | 50      | 0         | 22.69                 |
| 16QAM      | 1720                    | 20050      | 20 | 50      | 24        | 22.77                 |
| 16QAM      | 1720                    | 20050      | 20 | 50      | 50        | 22.69                 |
| 16QAM      | 1720                    | 20050      | 20 | 100     | 0         | 22.71                 |
| 16QAM      | 1732.5                  | 20175      | 20 | 1       | 0         | 23.14                 |
| 16QAM      | 1732.5                  | 20175      | 20 | 1       | 49        | 23.82                 |
| 16QAM      | 1732.5                  | 20175      | 20 | 1       | 99        | 23.16                 |
| 16QAM      | 1732.5                  | 20175      | 20 | 50      | 0         | 22.59                 |
| 16QAM      | 1732.5                  | 20175      | 20 | 50      | 24        | 22.54                 |
| 16QAM      | 1732.5                  | 20175      | 20 | 50      | 50        | 22.55                 |
| 16QAM      | 1732.5                  | 20175      | 20 | 100     | 0         | 22.48                 |
| 16QAM      | 1745                    | 20300      | 20 | 1       | 0         | 23.12                 |
| 16QAM      | 1745                    | 20300      | 20 | 1       | 49        | 23.04                 |
| 16QAM      | 1745                    | 20300      | 20 | 1       | 99        | 22.93                 |
| 16QAM      | 1745                    | 20300      | 20 | 50      | 0         | 21.86                 |
| 16QAM      | 1745                    | 20300      | 20 | 50      | 24        | 21.51                 |
| 16QAM      | 1745                    | 20300      | 20 | 50      | 50        | 21.55                 |
| 16QAM      | 1745                    | 20300      | 20 | 100     | 0         | 21.88                 |
| 64QAM      | 1720                    | 20050      | 20 | 1       | 0         | 23.34                 |
| 64QAM      | 1720                    | 20050      | 20 | 1       | 49        | 22.92                 |
| 64QAM      | 1720                    | 20050      | 20 | 1       | 99        | 22.82                 |
| 64QAM      | 1720                    | 20050      | 20 | 50      | 0         | 21.76                 |
| 64QAM      | 1720                    | 20050      | 20 | 50      | 24        | 21.70                 |
| 64QAM      | 1720                    | 20050      | 20 | 50      | 50        | 21.66                 |
| 64QAM      | 1720                    | 20050      | 20 | 100     | 0         | 21.81                 |
| 64QAM      | 1732.5                  | 20175      | 20 | 1       | 0         | 22.90                 |
| 64QAM      | 1732.5                  | 20175      | 20 | 1       | 49        | 23.09                 |
| 64QAM      | 1732.5                  | 20175      | 20 | 1       | 99        | 22.56                 |
| 64QAM      | 1732.5                  | 20175      | 20 | 50      | 0         | 21.57                 |
| 64QAM      | 1732.5                  | 20175      | 20 | 50      | 24        | 21.62                 |
| 64QAM      | 1732.5                  | 20175      | 20 | 50      | 50        | 21.49                 |
| 64QAM      | 1732.5                  | 20175      | 20 | 100     | 0         | 21.53                 |
| 64QAM      | 1745                    | 20300      | 20 | 1       | 0         | 22.81                 |
| 64QAM      | 1745                    | 20300      | 20 | 1       | 49        | 21.94                 |
| 64QAM      | 1745                    | 20300      | 20 | 1       | 99        | 22.26                 |
| 64QAM      | 1745                    | 20300      | 20 | 50      | 0         | 20.93                 |
| 64QAM      | 1745                    | 20300      | 20 | 50      | 24        | 20.42                 |
| 64QAM      | 1745                    | 20300      | 20 | 50      | 50        | 20.59                 |
| 64QAM      | 1745                    | 20300      | 20 | 100     | 0         | 20.71                 |

## 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         | 1.076                        | Fig.1  |
| 4    | QPSK | 1732.5                  | 20175   | 1.4      | 6       | 0         | 1.074                        | Fig.2  |
| 4    | QPSK | 1754.3                  | 20393   | 1.4      | 6       | 0         | 1.080                        | Fig.3  |
| 4    | QPSK | 1711.5                  | 19965   | 3        | 15      | 0         | 2.670                        | Fig.4  |
| 4    | QPSK | 1732.5                  | 20175   | 3        | 15      | 0         | 2.678                        | Fig.5  |
| 4    | QPSK | 1753.5                  | 20385   | 3        | 15      | 0         | 2.676                        | Fig.6  |
| 4    | QPSK | 1712.5                  | 19975   | 5        | 25      | 0         | 4.451                        | Fig.7  |
| 4    | QPSK | 1732.5                  | 20175   | 5        | 25      | 0         | 4.463                        | Fig.8  |
| 4    | QPSK | 1752.5                  | 20375   | 5        | 25      | 0         | 4.484                        | Fig.9  |
| 4    | QPSK | 1715                    | 20000   | 10       | 50      | 0         | 8.926                        | Fig.10 |
| 4    | QPSK | 1732.5                  | 20175   | 10       | 50      | 0         | 8.904                        | Fig.11 |
| 4    | QPSK | 1750                    | 20350   | 10       | 50      | 0         | 8.884                        | Fig.12 |
| 4    | QPSK | 1717.5                  | 20025   | 15       | 75      | 0         | 13.390                       | Fig.13 |
| 4    | QPSK | 1732.5                  | 20175   | 15       | 75      | 0         | 13.387                       | Fig.14 |
| 4    | QPSK | 1747.5                  | 20325   | 15       | 75      | 0         | 13.382                       | Fig.15 |
| 4    | QPSK | 1720                    | 20050   | 20       | 100     | 0         | 17.860                       | Fig.16 |
| 4    | QPSK | 1732.5                  | 20175   | 20       | 100     | 0         | 17.795                       | Fig.17 |
| 4    | QPSK | 1745                    | 20300   | 20       | 100     | 0         | 17.762                       | 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         | 1.075                        | Fig.19 |
| 4    | 16QAM | 1732.5                  | 20175   | 1.4      | 6       | 0         | 1.078                        | Fig.20 |
| 4    | 16QAM | 1754.3                  | 20393   | 1.4      | 6       | 0         | 1.075                        | Fig.21 |
| 4    | 16QAM | 1711.5                  | 19965   | 3        | 15      | 0         | 2.669                        | Fig.22 |
| 4    | 16QAM | 1732.5                  | 20175   | 3        | 15      | 0         | 2.687                        | Fig.23 |
| 4    | 16QAM | 1753.5                  | 20385   | 3        | 15      | 0         | 2.680                        | Fig.24 |
| 4    | 16QAM | 1712.5                  | 19975   | 5        | 25      | 0         | 4.473                        | Fig.25 |
| 4    | 16QAM | 1732.5                  | 20175   | 5        | 25      | 0         | 4.462                        | Fig.26 |
| 4    | 16QAM | 1752.5                  | 20375   | 5        | 25      | 0         | 4.466                        | Fig.27 |
| 4    | 16QAM | 1715                    | 20000   | 10       | 50      | 0         | 8.871                        | Fig.28 |
| 4    | 16QAM | 1732.5                  | 20175   | 10       | 50      | 0         | 8.980                        | Fig.29 |
| 4    | 16QAM | 1750                    | 20350   | 10       | 50      | 0         | 8.934                        | Fig.30 |
| 4    | 16QAM | 1717.5                  | 20025   | 15       | 75      | 0         | 13.337                       | Fig.31 |
| 4    | 16QAM | 1732.5                  | 20175   | 15       | 75      | 0         | 13.337                       | Fig.32 |
| 4    | 16QAM | 1747.5                  | 20325   | 15       | 75      | 0         | 13.430                       | Fig.33 |
| 4    | 16QAM | 1720                    | 20050   | 20       | 100     | 0         | 17.874                       | Fig.34 |
| 4    | 16QAM | 1732.5                  | 20175   | 20       | 100     | 0         | 17.771                       | Fig.35 |
| 4    | 16QAM | 1745                    | 20300   | 20       | 100     | 0         | 17.888                       | Fig.36 |

| Band | Mode  | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of 99% Power (MHz) |        |
|------|-------|-------------------------|---------|----------|---------|-----------|------------------------------|--------|
| 4    | 64QAM | 1710.7                  | 19957   | 1.4      | 6       | 0         | 1.073                        | Fig.37 |
| 4    | 64QAM | 1732.5                  | 20175   | 1.4      | 6       | 0         | 1.075                        | Fig.38 |
| 4    | 64QAM | 1754.3                  | 20393   | 1.4      | 6       | 0         | 1.073                        | Fig.39 |
| 4    | 64QAM | 1711.5                  | 19965   | 3        | 15      | 0         | 2.678                        | Fig.40 |
| 4    | 64QAM | 1732.5                  | 20175   | 3        | 15      | 0         | 2.680                        | Fig.41 |
| 4    | 64QAM | 1753.5                  | 20385   | 3        | 15      | 0         | 2.674                        | Fig.42 |
| 4    | 64QAM | 1712.5                  | 19975   | 5        | 25      | 0         | 4.460                        | Fig.43 |
| 4    | 64QAM | 1732.5                  | 20175   | 5        | 25      | 0         | 4.477                        | Fig.44 |
| 4    | 64QAM | 1752.5                  | 20375   | 5        | 25      | 0         | 4.450                        | Fig.45 |
| 4    | 64QAM | 1715                    | 20000   | 10       | 50      | 0         | 8.917                        | Fig.46 |
| 4    | 64QAM | 1732.5                  | 20175   | 10       | 50      | 0         | 8.916                        | Fig.47 |
| 4    | 64QAM | 1750                    | 20350   | 10       | 50      | 0         | 8.937                        | Fig.48 |
| 4    | 64QAM | 1717.5                  | 20025   | 15       | 75      | 0         | 13.379                       | Fig.49 |
| 4    | 64QAM | 1732.5                  | 20175   | 15       | 75      | 0         | 13.420                       | Fig.50 |
| 4    | 64QAM | 1747.5                  | 20325   | 15       | 75      | 0         | 13.342                       | Fig.51 |
| 4    | 64QAM | 1720                    | 20050   | 20       | 100     | 0         | 17.891                       | Fig.52 |
| 4    | 64QAM | 1732.5                  | 20175   | 20       | 100     | 0         | 17.730                       | Fig.53 |
| 4    | 64QAM | 1745                    | 20300   | 20       | 100     | 0         | 17.874                       | Fig.54 |

Test Mode: QPSK

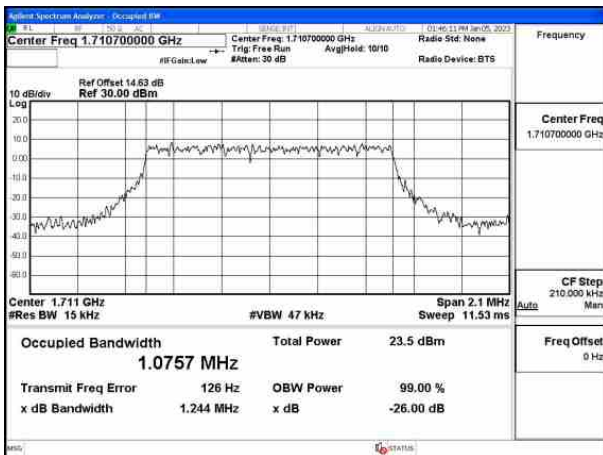


Fig.1

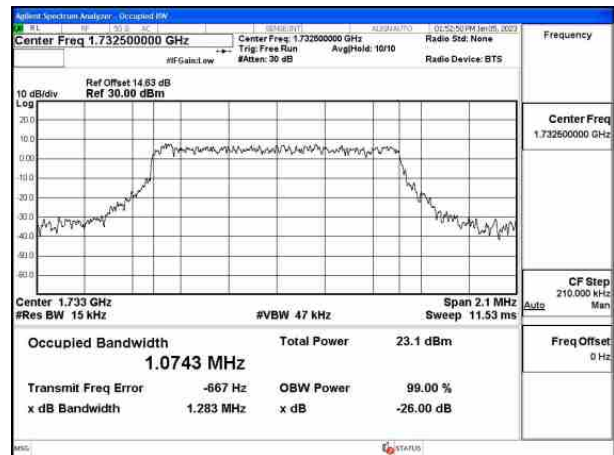


Fig.2

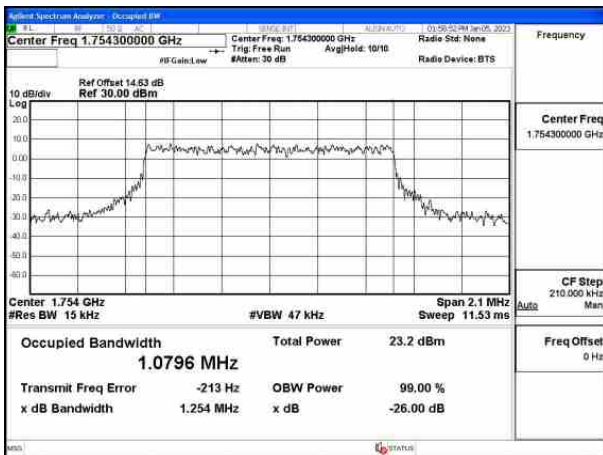


Fig.3

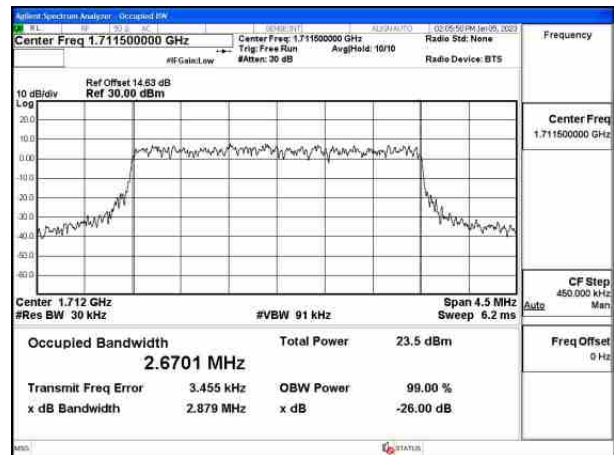


Fig.4

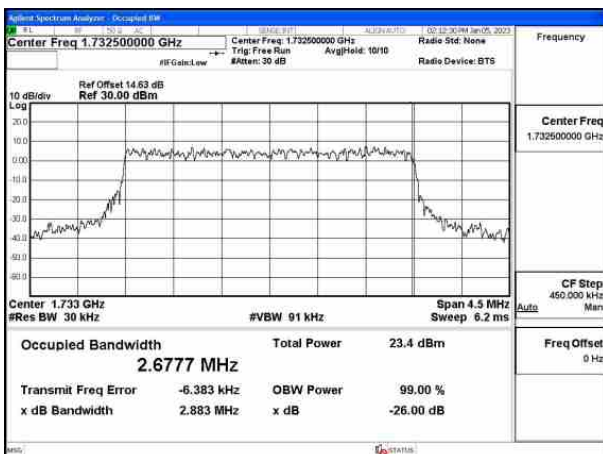


Fig.5

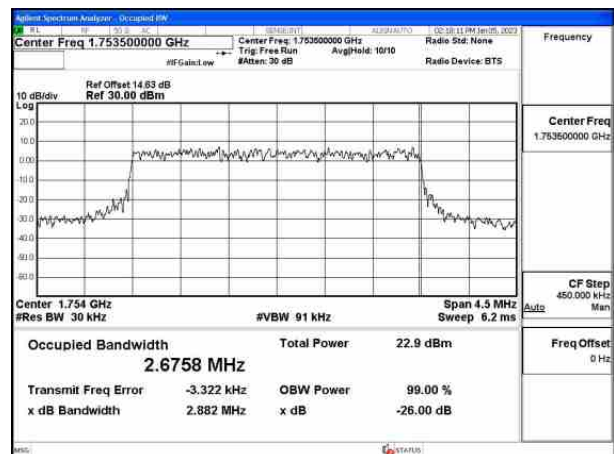


Fig.6

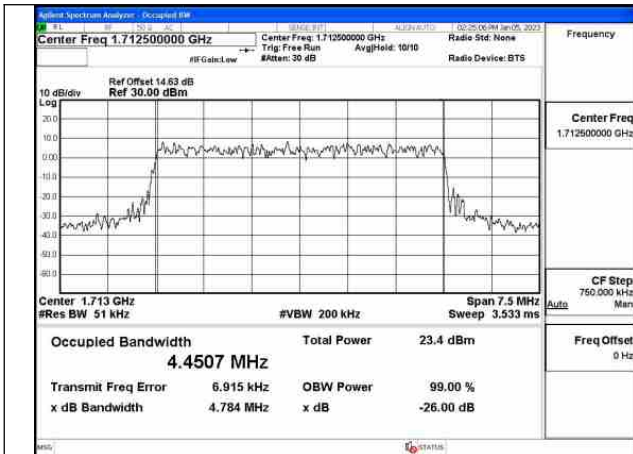


Fig.7

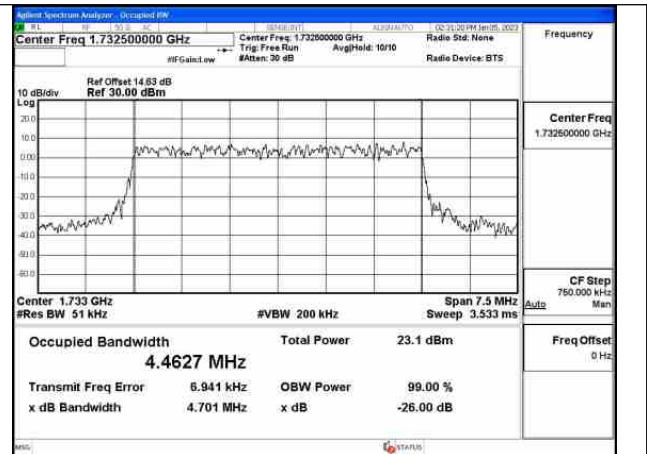


Fig.8

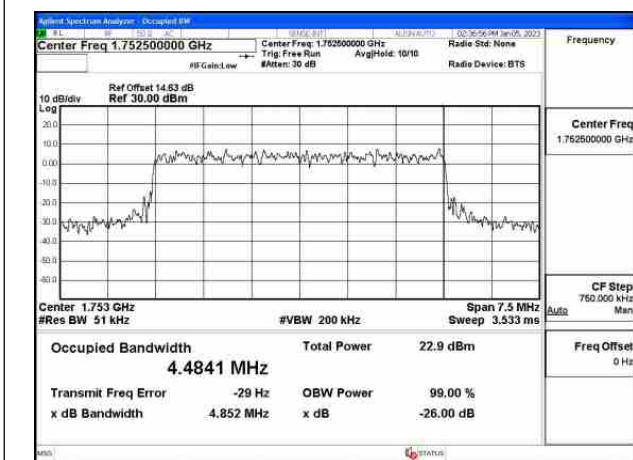


Fig.9

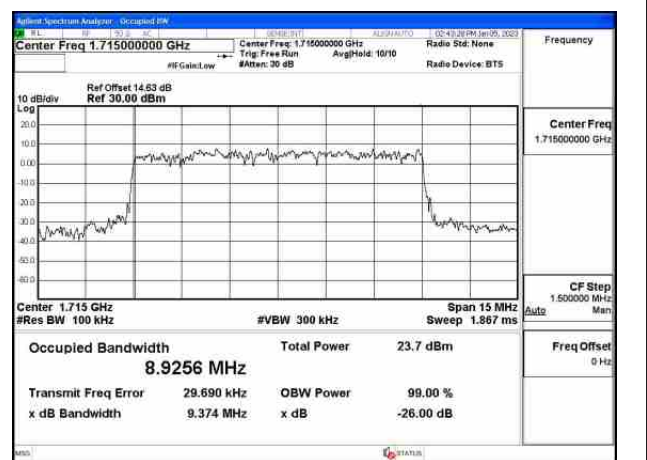


Fig.10

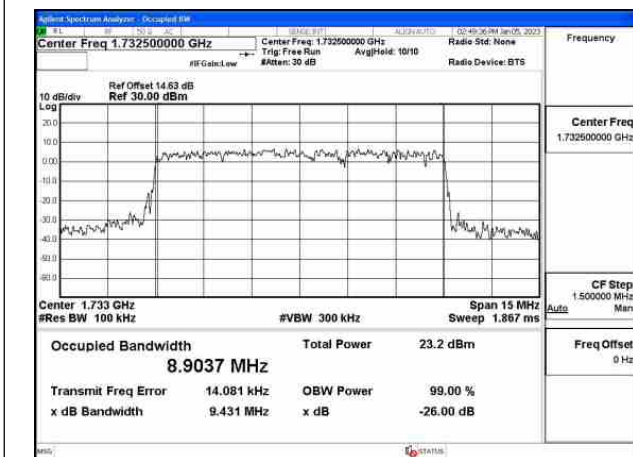


Fig.11

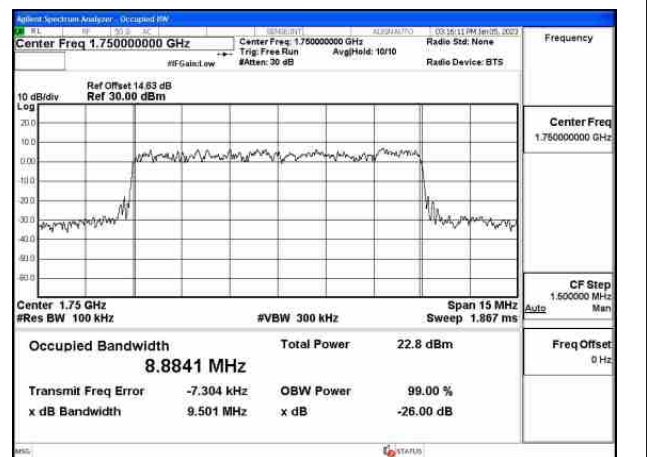


Fig.12

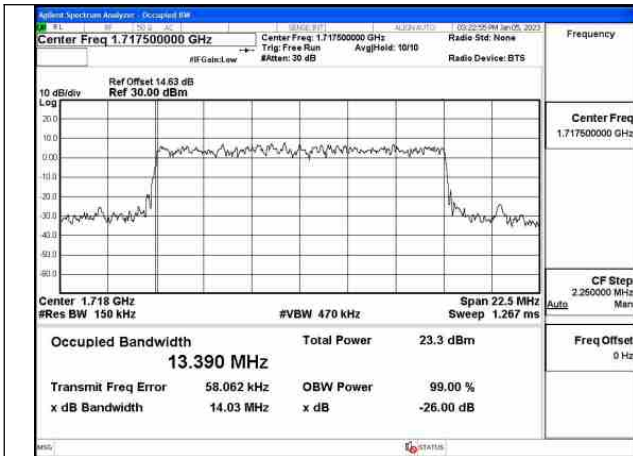


Fig.13

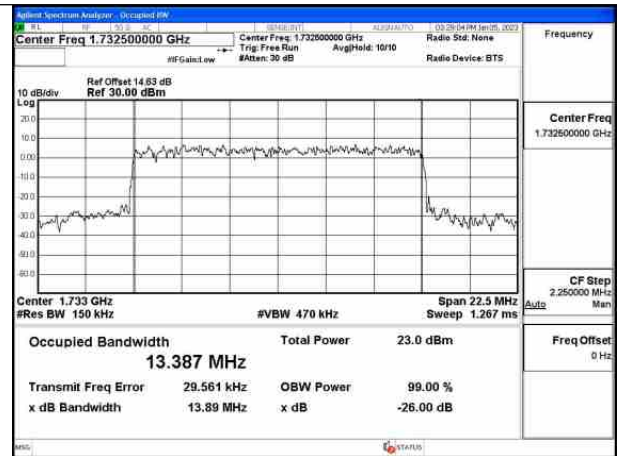


Fig.14

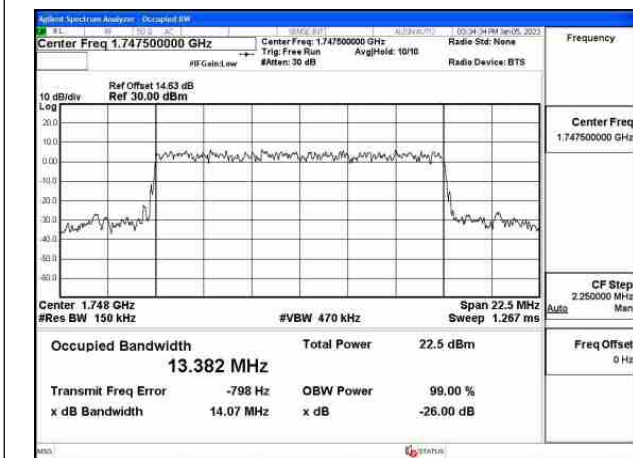


Fig.15

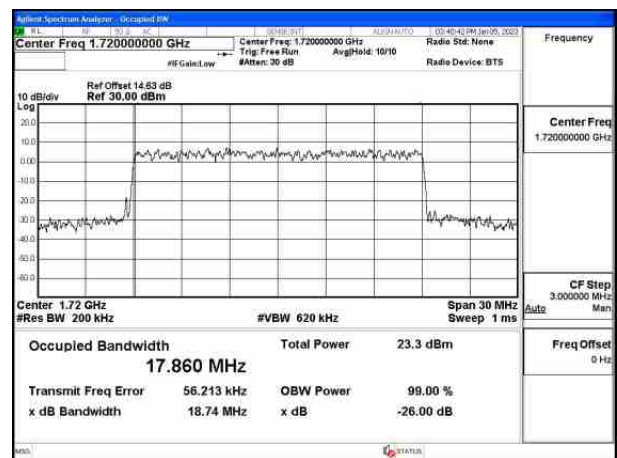


Fig.16

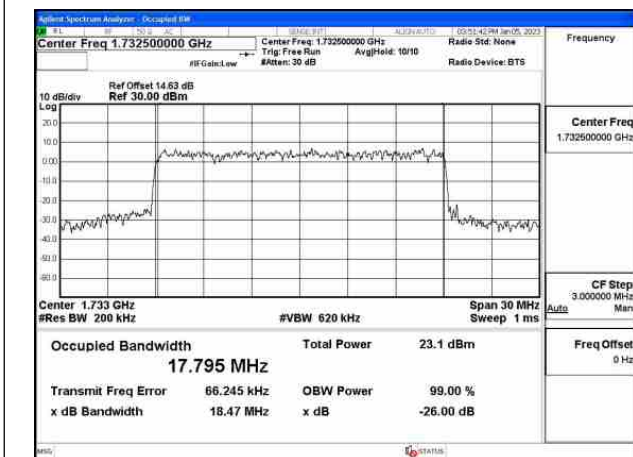


Fig.17

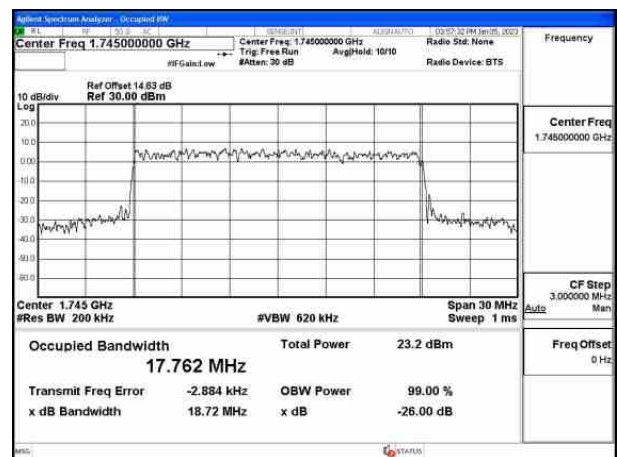


Fig.18

Test Mode: 16QAM

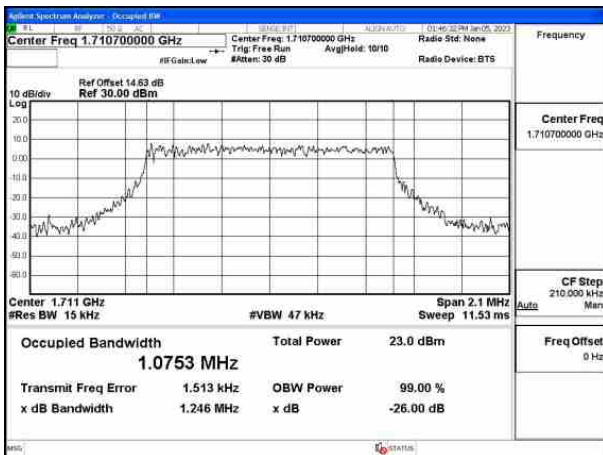


Fig.19

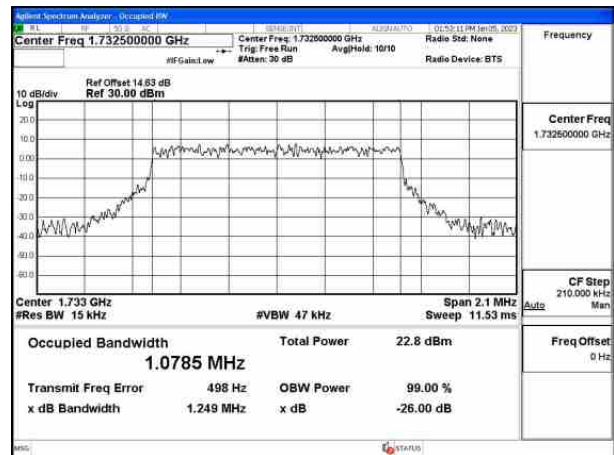


Fig.20

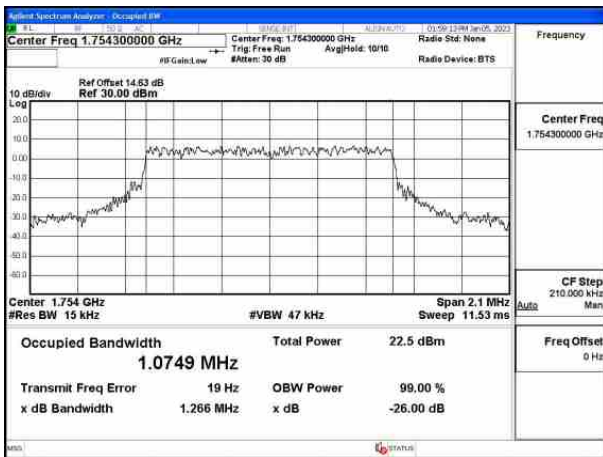


Fig.21

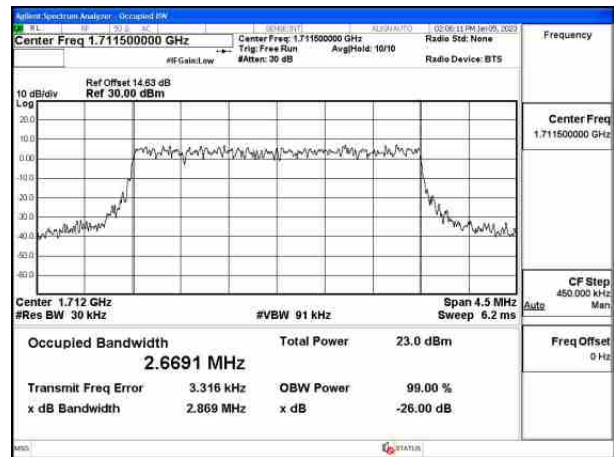


Fig.22

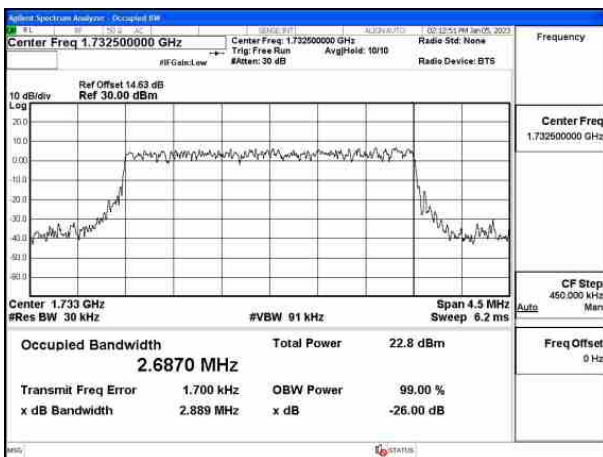


Fig.23

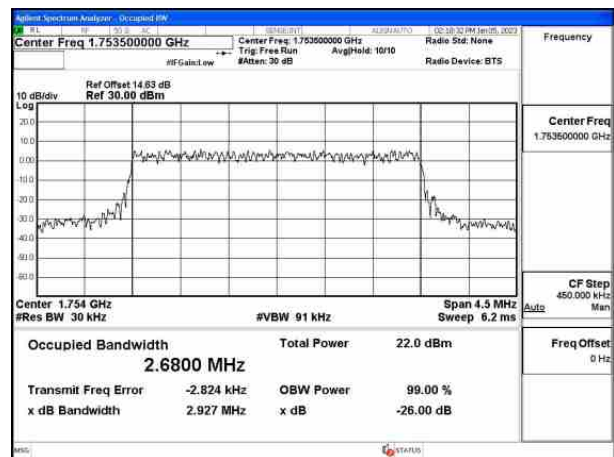


Fig.24

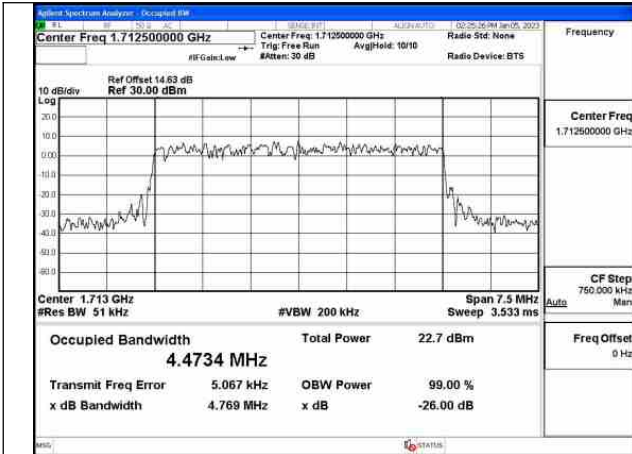


Fig.25

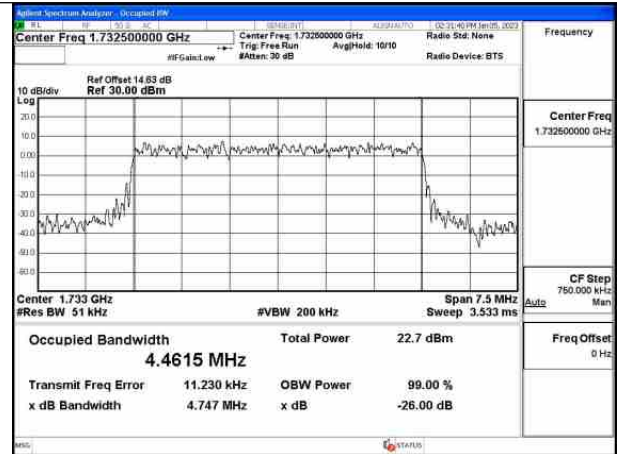


Fig.26

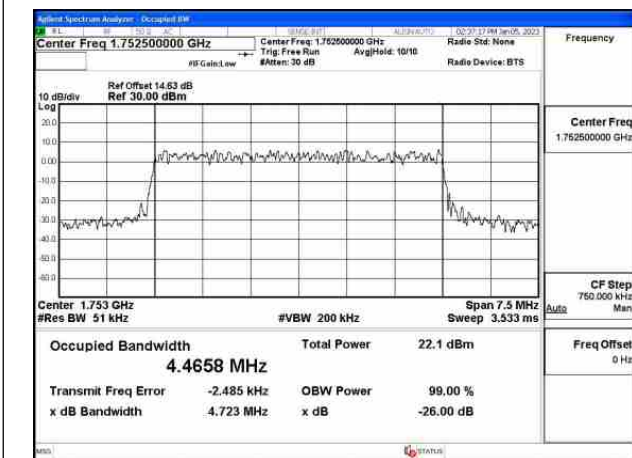


Fig.27

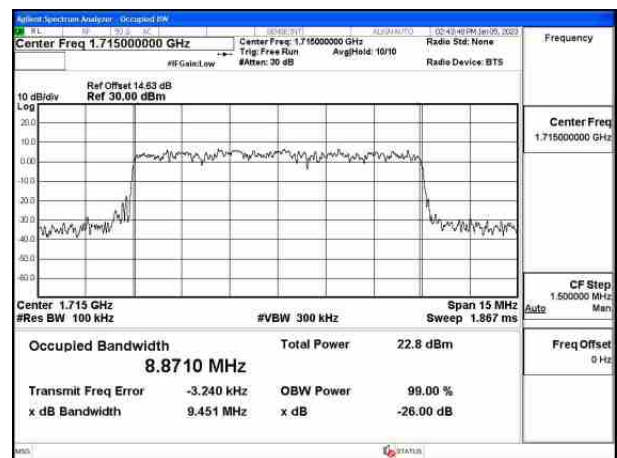


Fig.28

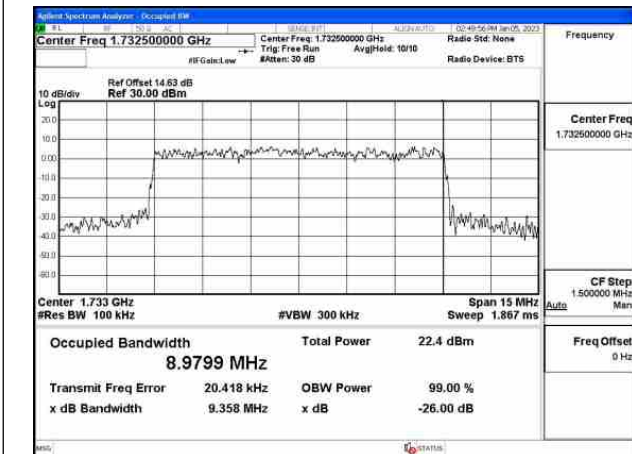


Fig.29

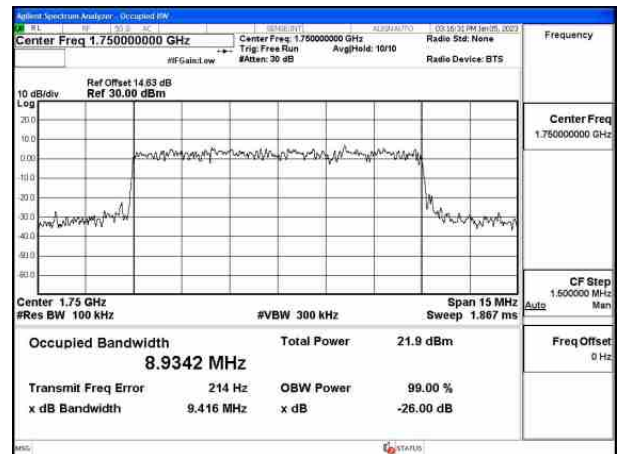


Fig.30

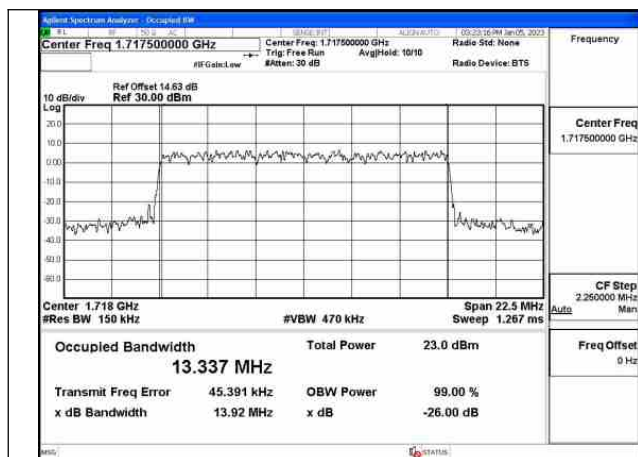


Fig.31

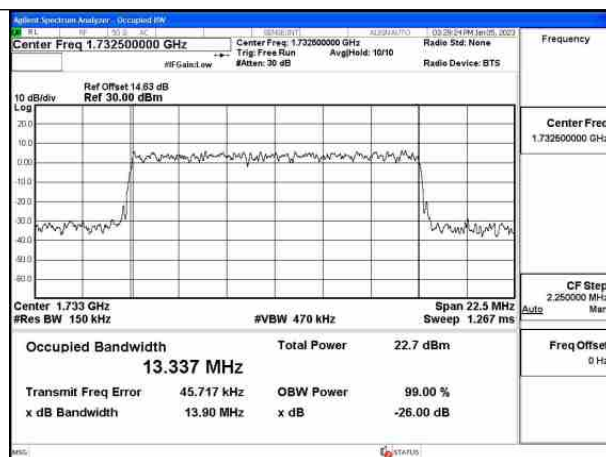


Fig.32

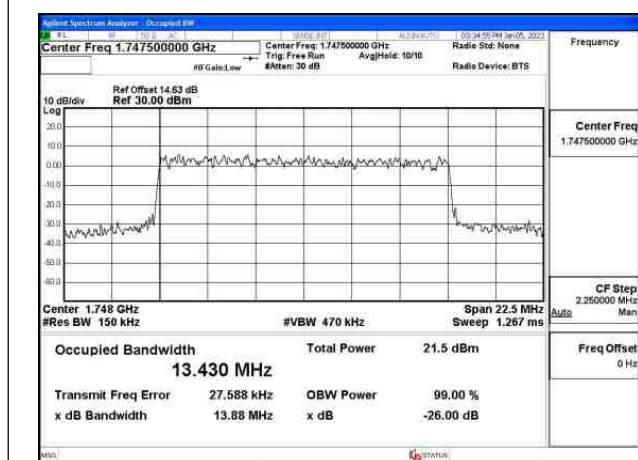


Fig.33

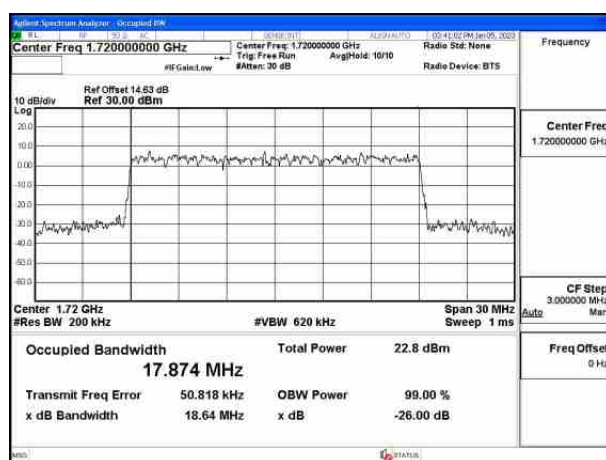


Fig.34

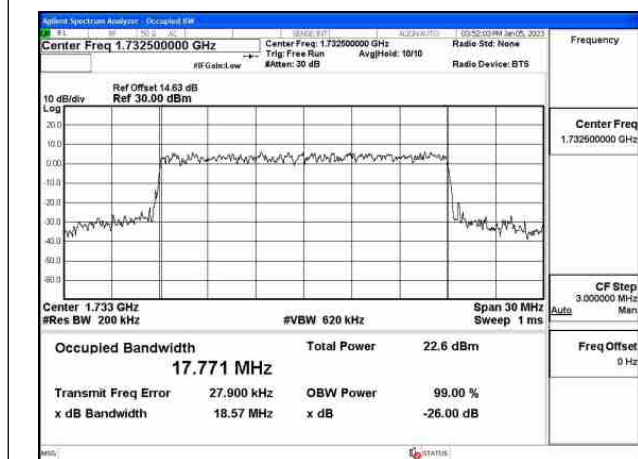


Fig.35

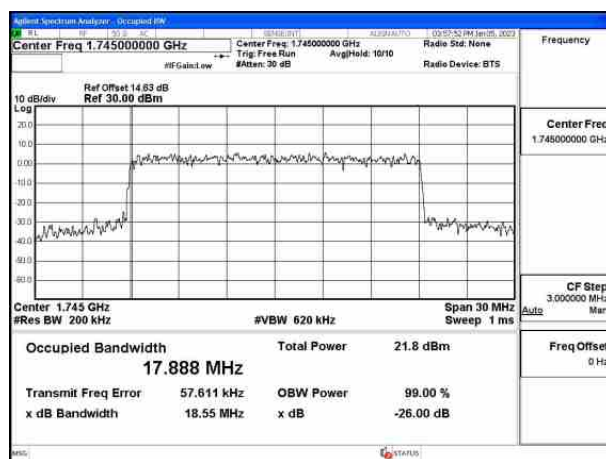


Fig.36

Test Mode: 64QAM

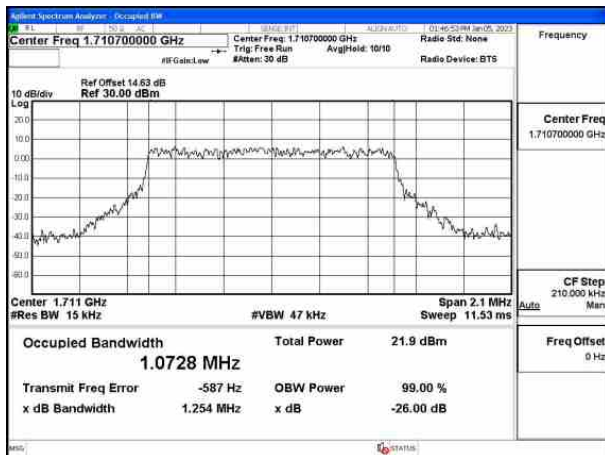


Fig.37

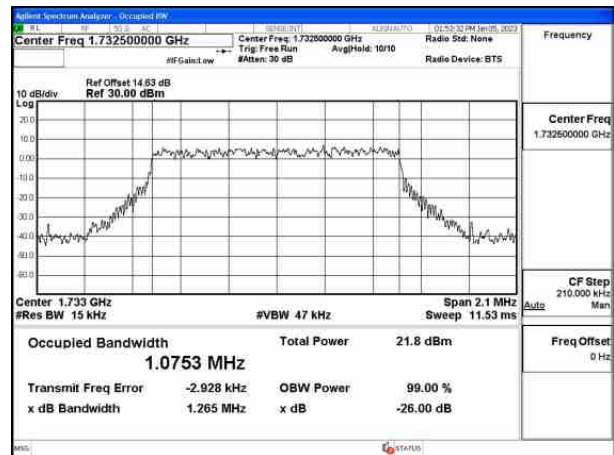


Fig.38

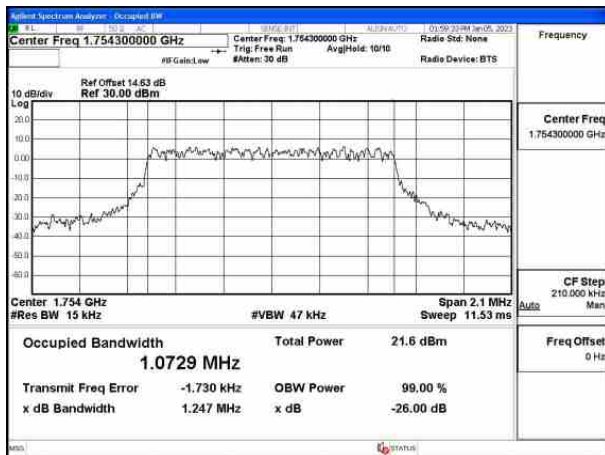


Fig.39

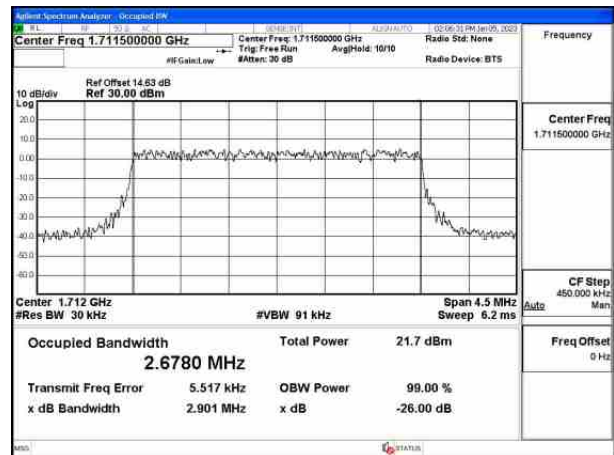


Fig.40

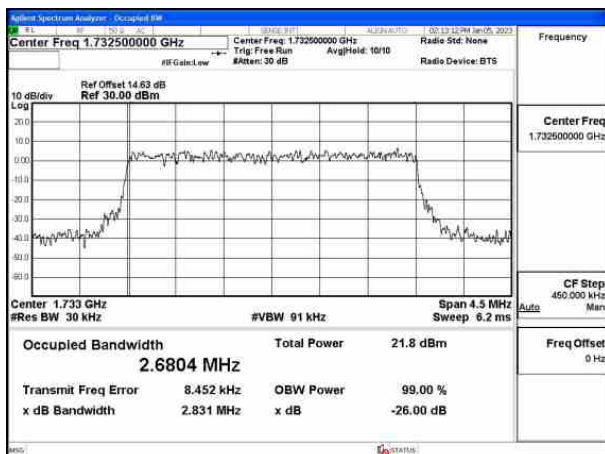


Fig.41

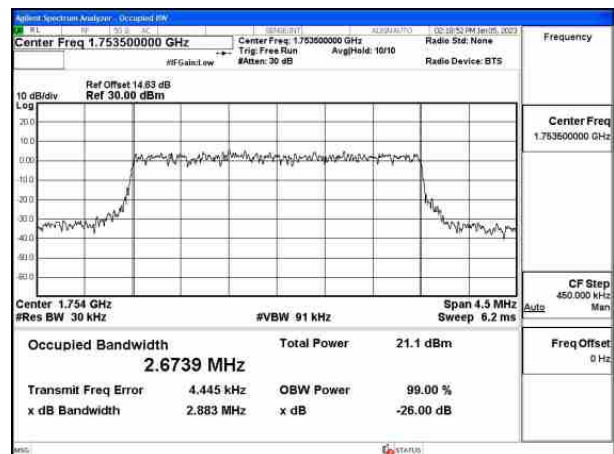


Fig.42

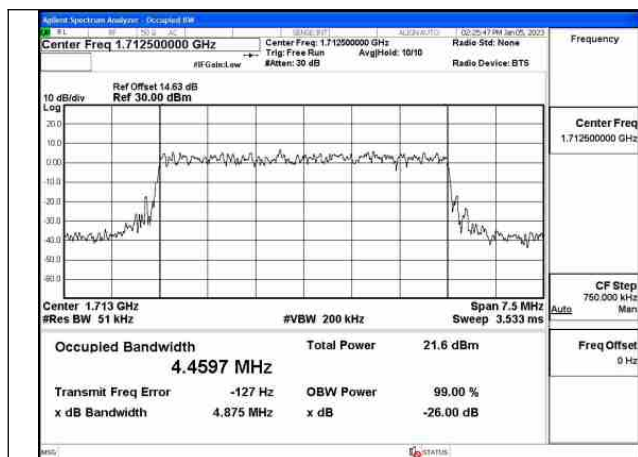


Fig.43

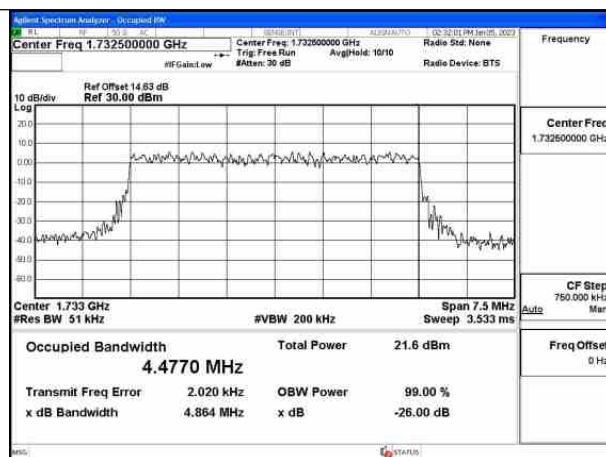


Fig.44

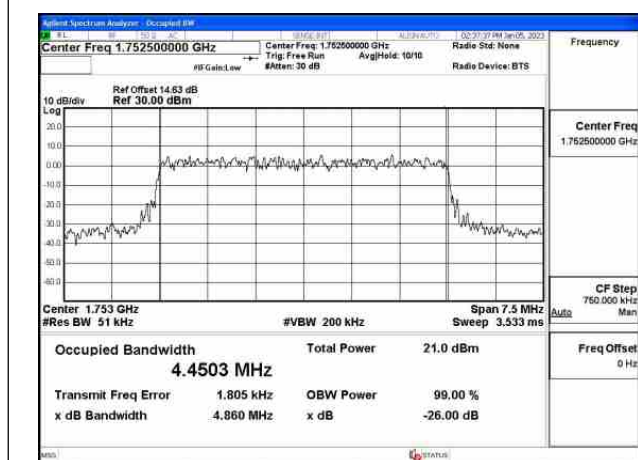


Fig.45

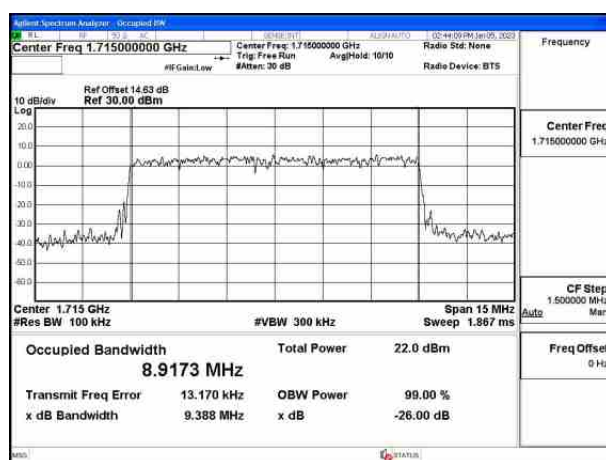


Fig.46

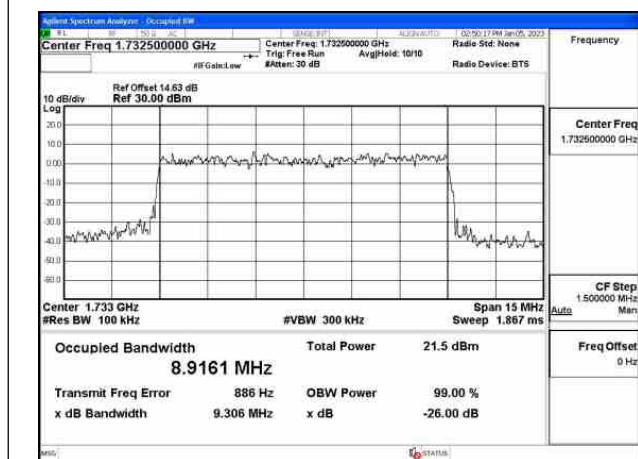


Fig.47

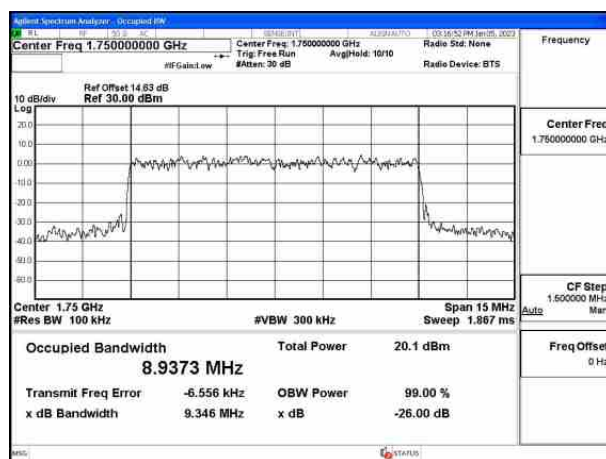


Fig.48

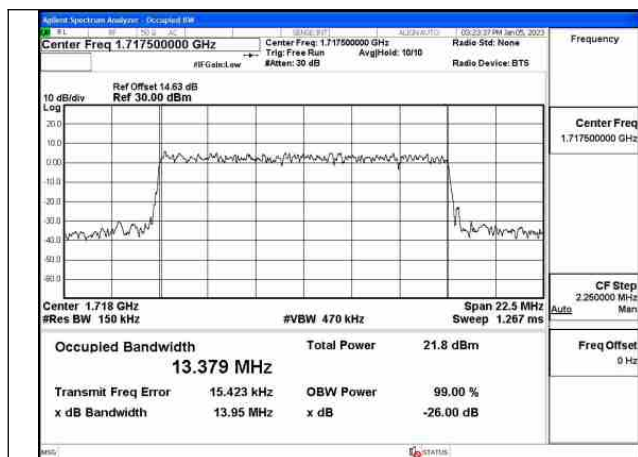


Fig.49

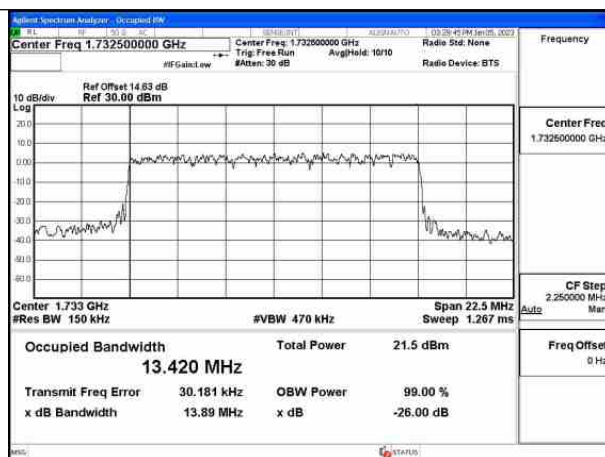


Fig.50

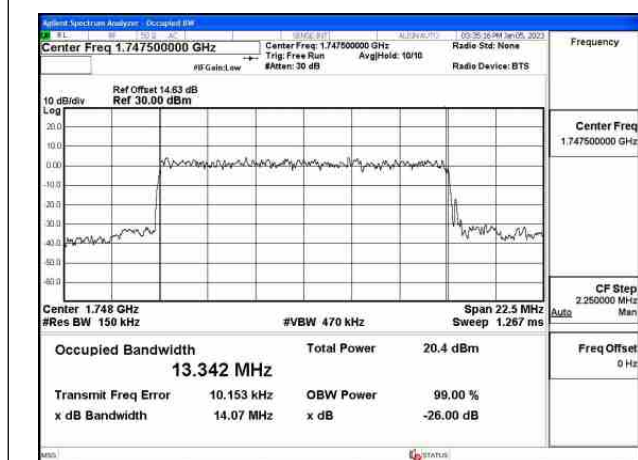


Fig.51

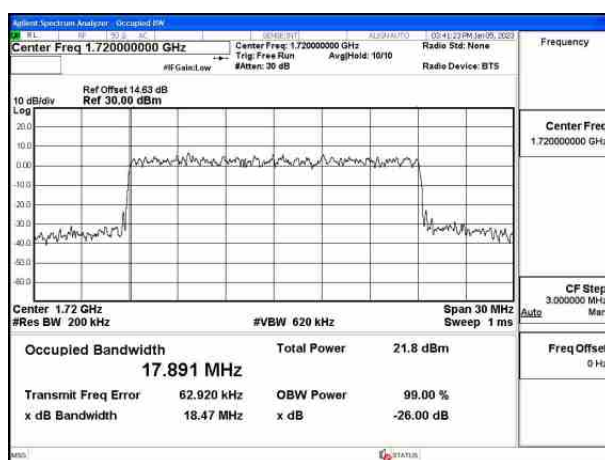


Fig.52

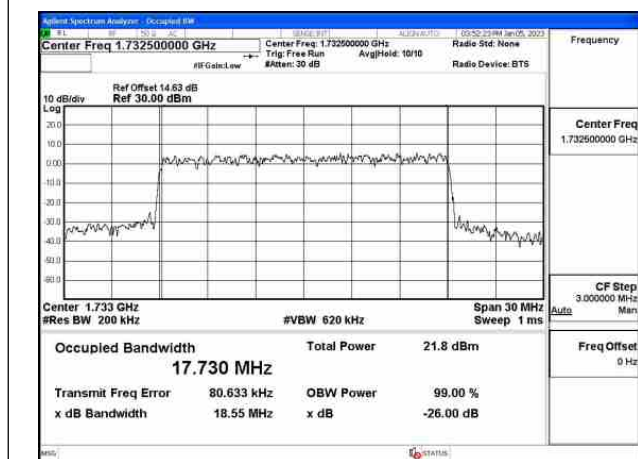


Fig.53

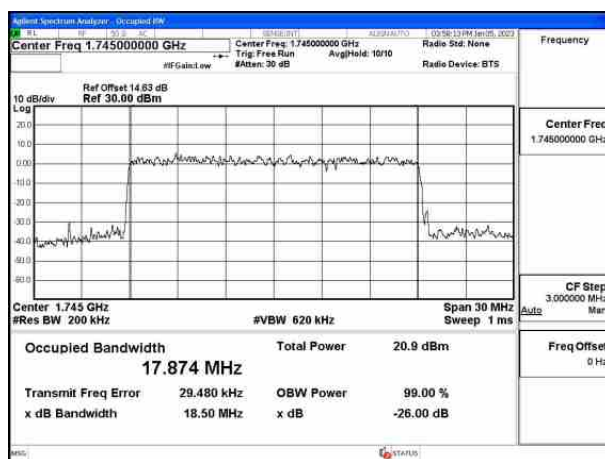


Fig.54

### 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         | 1.244                                      | Fig.1  |
| 4    | QPSK | 1732.5                  | 20175   | 1.4      | 6       | 0         | 1.283                                      | Fig.2  |
| 4    | QPSK | 1754.3                  | 20393   | 1.4      | 6       | 0         | 1.254                                      | Fig.3  |
| 4    | QPSK | 1711.5                  | 19965   | 3        | 15      | 0         | 2.879                                      | Fig.4  |
| 4    | QPSK | 1732.5                  | 20175   | 3        | 15      | 0         | 2.883                                      | Fig.5  |
| 4    | QPSK | 1753.5                  | 20385   | 3        | 15      | 0         | 2.882                                      | Fig.6  |
| 4    | QPSK | 1712.5                  | 19975   | 5        | 25      | 0         | 4.784                                      | Fig.7  |
| 4    | QPSK | 1732.5                  | 20175   | 5        | 25      | 0         | 4.701                                      | Fig.8  |
| 4    | QPSK | 1752.5                  | 20375   | 5        | 25      | 0         | 4.852                                      | Fig.9  |
| 4    | QPSK | 1715                    | 20000   | 10       | 50      | 0         | 9.374                                      | Fig.10 |
| 4    | QPSK | 1732.5                  | 20175   | 10       | 50      | 0         | 9.431                                      | Fig.11 |
| 4    | QPSK | 1750                    | 20350   | 10       | 50      | 0         | 9.501                                      | Fig.12 |
| 4    | QPSK | 1717.5                  | 20025   | 15       | 75      | 0         | 14.026                                     | Fig.13 |
| 4    | QPSK | 1732.5                  | 20175   | 15       | 75      | 0         | 13.888                                     | Fig.14 |
| 4    | QPSK | 1747.5                  | 20325   | 15       | 75      | 0         | 14.070                                     | Fig.15 |
| 4    | QPSK | 1720                    | 20050   | 20       | 100     | 0         | 18.736                                     | Fig.16 |
| 4    | QPSK | 1732.5                  | 20175   | 20       | 100     | 0         | 18.469                                     | Fig.17 |
| 4    | QPSK | 1745                    | 20300   | 20       | 100     | 0         | 18.723                                     | 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         | 1.246                                      | Fig.19 |
| 4    | 16QAM | 1732.5                  | 20175   | 1.4      | 6       | 0         | 1.249                                      | Fig.20 |
| 4    | 16QAM | 1754.3                  | 20393   | 1.4      | 6       | 0         | 1.266                                      | Fig.21 |
| 4    | 16QAM | 1711.5                  | 19965   | 3        | 15      | 0         | 2.869                                      | Fig.22 |
| 4    | 16QAM | 1732.5                  | 20175   | 3        | 15      | 0         | 2.889                                      | Fig.23 |
| 4    | 16QAM | 1753.5                  | 20385   | 3        | 15      | 0         | 2.927                                      | Fig.24 |
| 4    | 16QAM | 1712.5                  | 19975   | 5        | 25      | 0         | 4.769                                      | Fig.25 |
| 4    | 16QAM | 1732.5                  | 20175   | 5        | 25      | 0         | 4.747                                      | Fig.26 |
| 4    | 16QAM | 1752.5                  | 20375   | 5        | 25      | 0         | 4.723                                      | Fig.27 |
| 4    | 16QAM | 1715                    | 20000   | 10       | 50      | 0         | 9.451                                      | Fig.28 |
| 4    | 16QAM | 1732.5                  | 20175   | 10       | 50      | 0         | 9.358                                      | Fig.29 |
| 4    | 16QAM | 1750                    | 20350   | 10       | 50      | 0         | 9.416                                      | Fig.30 |
| 4    | 16QAM | 1717.5                  | 20025   | 15       | 75      | 0         | 13.919                                     | Fig.31 |
| 4    | 16QAM | 1732.5                  | 20175   | 15       | 75      | 0         | 13.900                                     | Fig.32 |
| 4    | 16QAM | 1747.5                  | 20325   | 15       | 75      | 0         | 13.884                                     | Fig.33 |
| 4    | 16QAM | 1720                    | 20050   | 20       | 100     | 0         | 18.642                                     | Fig.34 |
| 4    | 16QAM | 1732.5                  | 20175   | 20       | 100     | 0         | 18.572                                     | Fig.35 |
| 4    | 16QAM | 1745                    | 20300   | 20       | 100     | 0         | 18.551                                     | Fig.36 |

| Band | Mode  | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of -26dB transmitter power (MHz) |        |
|------|-------|-------------------------|---------|----------|---------|-----------|--------------------------------------------|--------|
| 4    | 64QAM | 1710.7                  | 19957   | 1.4      | 6       | 0         | 1.254                                      | Fig.37 |
| 4    | 64QAM | 1732.5                  | 20175   | 1.4      | 6       | 0         | 1.265                                      | Fig.38 |
| 4    | 64QAM | 1754.3                  | 20393   | 1.4      | 6       | 0         | 1.247                                      | Fig.39 |
| 4    | 64QAM | 1711.5                  | 19965   | 3        | 15      | 0         | 2.901                                      | Fig.40 |
| 4    | 64QAM | 1732.5                  | 20175   | 3        | 15      | 0         | 2.831                                      | Fig.41 |
| 4    | 64QAM | 1753.5                  | 20385   | 3        | 15      | 0         | 2.883                                      | Fig.42 |
| 4    | 64QAM | 1712.5                  | 19975   | 5        | 25      | 0         | 4.875                                      | Fig.43 |
| 4    | 64QAM | 1732.5                  | 20175   | 5        | 25      | 0         | 4.864                                      | Fig.44 |
| 4    | 64QAM | 1752.5                  | 20375   | 5        | 25      | 0         | 4.860                                      | Fig.45 |
| 4    | 64QAM | 1715                    | 20000   | 10       | 50      | 0         | 9.388                                      | Fig.46 |
| 4    | 64QAM | 1732.5                  | 20175   | 10       | 50      | 0         | 9.306                                      | Fig.47 |
| 4    | 64QAM | 1750                    | 20350   | 10       | 50      | 0         | 9.346                                      | Fig.48 |
| 4    | 64QAM | 1717.5                  | 20025   | 15       | 75      | 0         | 13.950                                     | Fig.49 |
| 4    | 64QAM | 1732.5                  | 20175   | 15       | 75      | 0         | 13.893                                     | Fig.50 |
| 4    | 64QAM | 1747.5                  | 20325   | 15       | 75      | 0         | 14.074                                     | Fig.51 |
| 4    | 64QAM | 1720                    | 20050   | 20       | 100     | 0         | 18.467                                     | Fig.52 |
| 4    | 64QAM | 1732.5                  | 20175   | 20       | 100     | 0         | 18.552                                     | Fig.53 |
| 4    | 64QAM | 1745                    | 20300   | 20       | 100     | 0         | 18.503                                     | Fig.54 |

Test Mode: QPSK

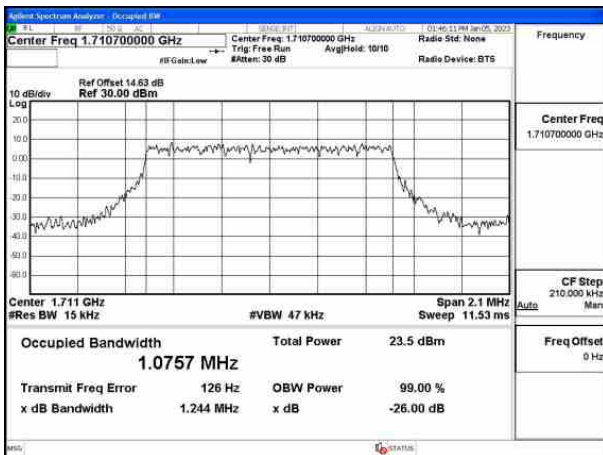


Fig.1

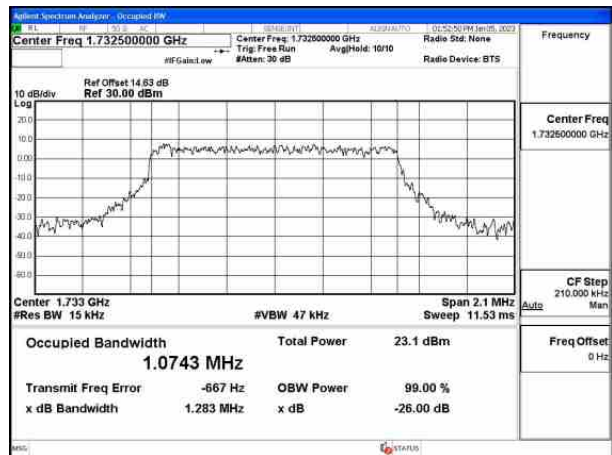


Fig.2

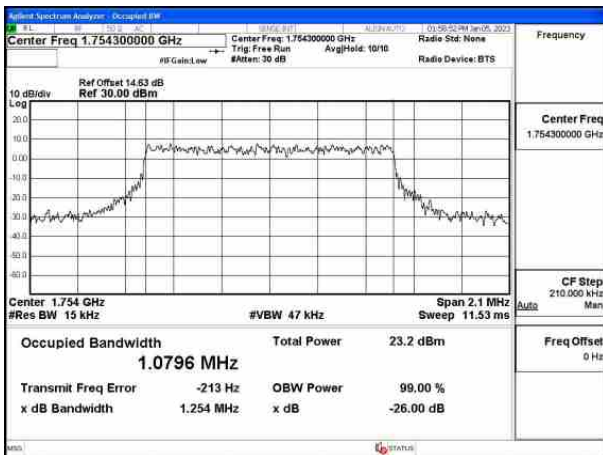


Fig.3

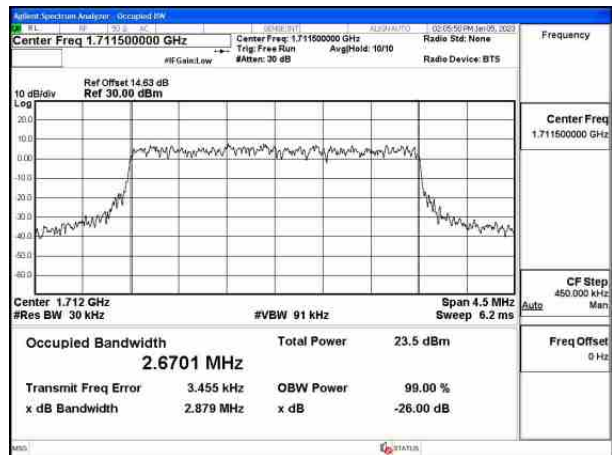


Fig.4

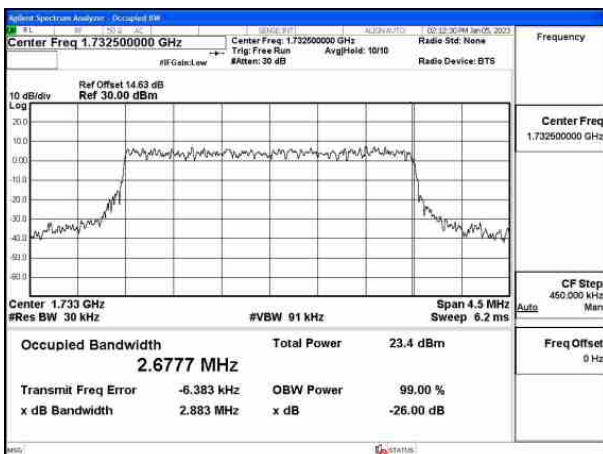


Fig.5

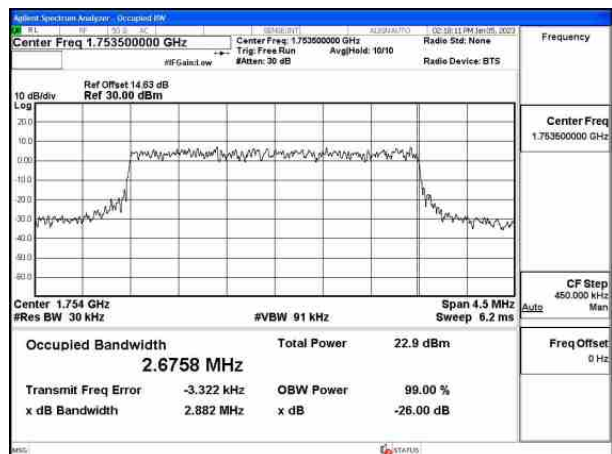


Fig.6

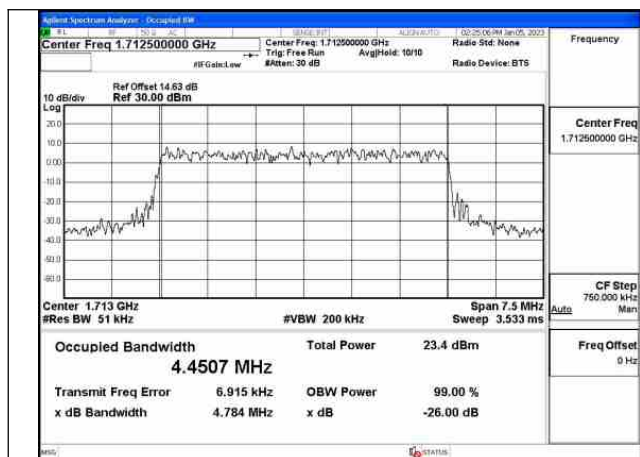


Fig.7

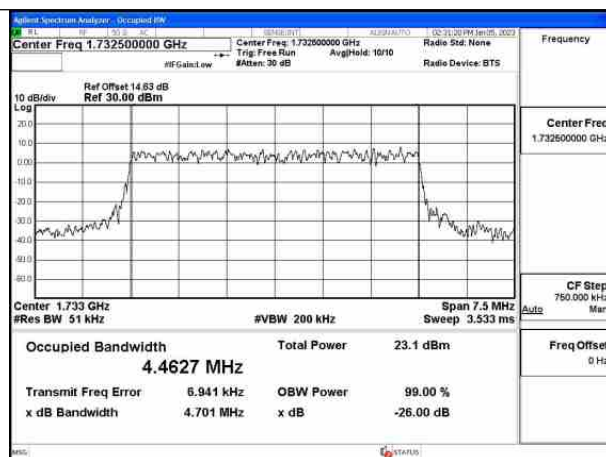


Fig.8

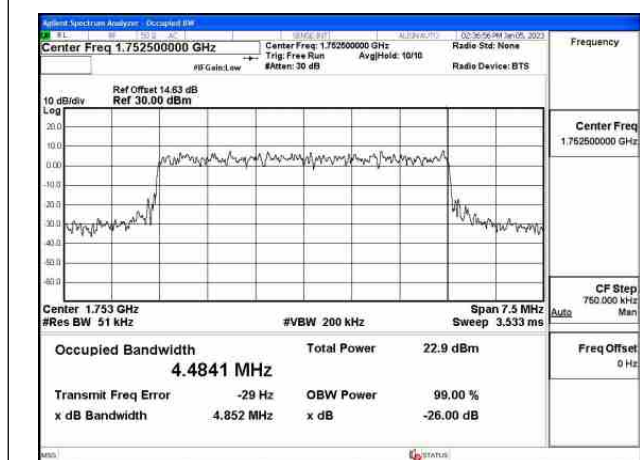


Fig.9

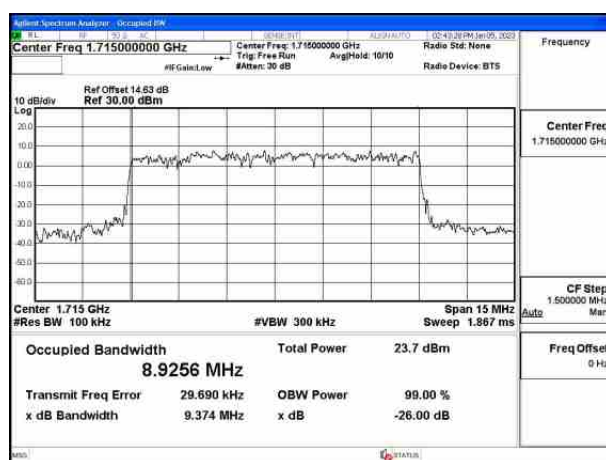


Fig.10

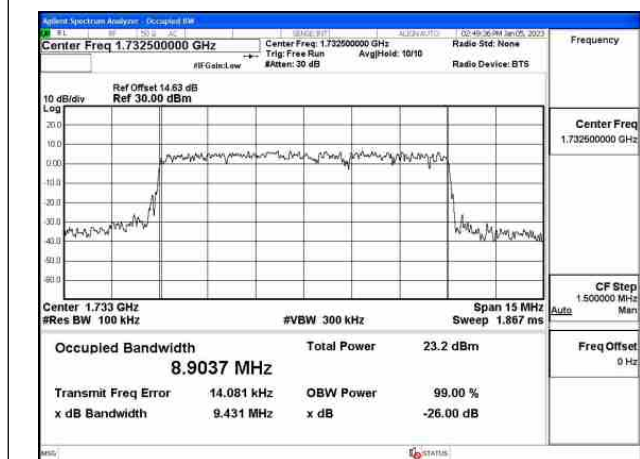


Fig.11

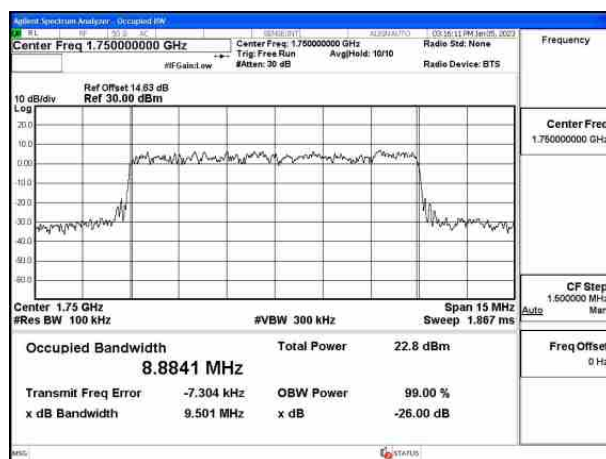


Fig.12

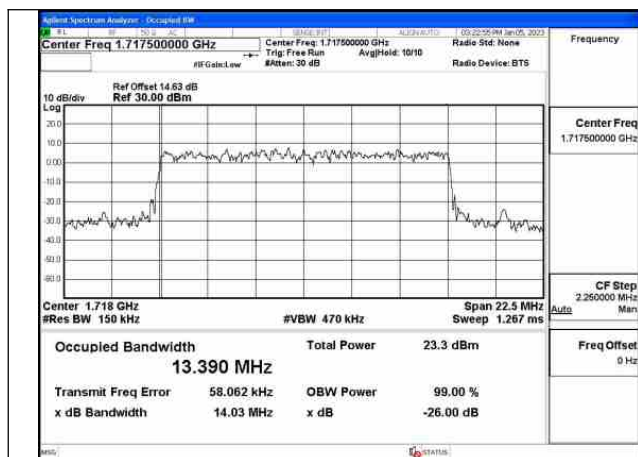


Fig.13

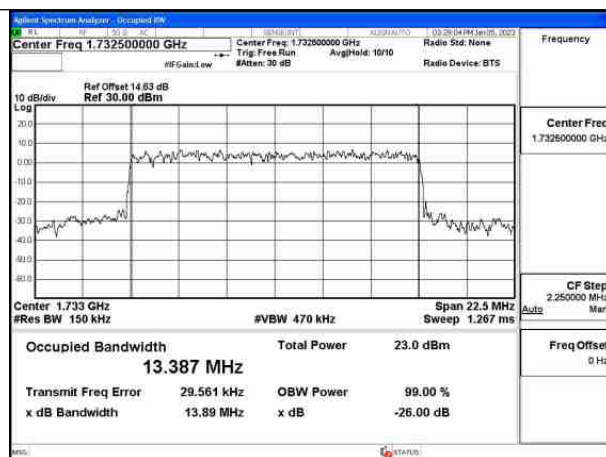


Fig.14

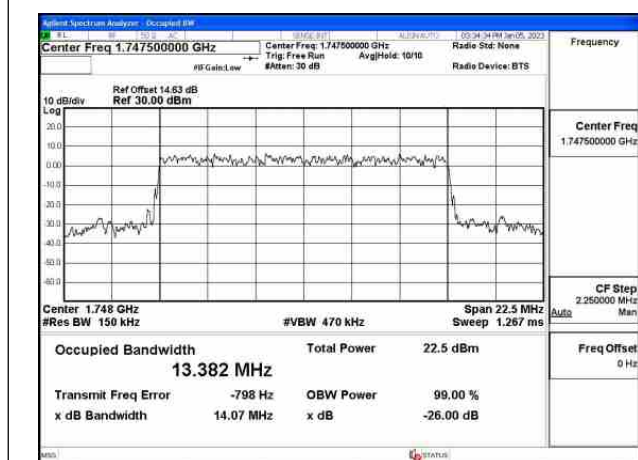


Fig.15

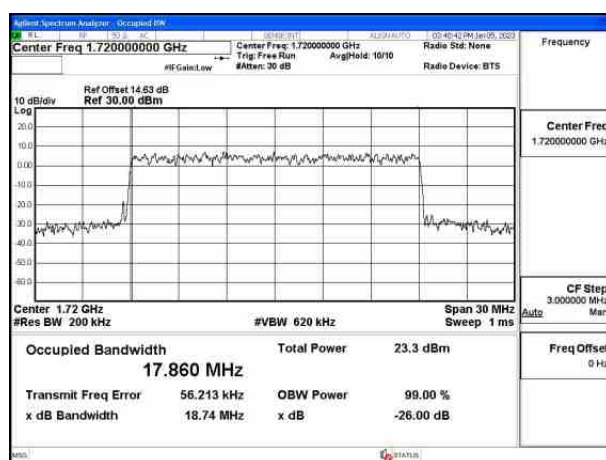


Fig.16

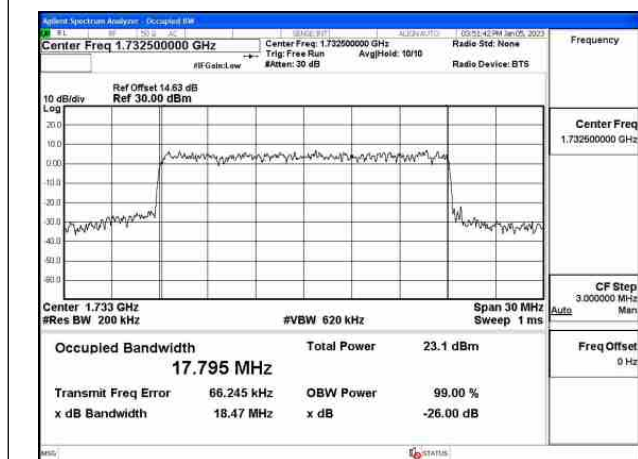


Fig.17

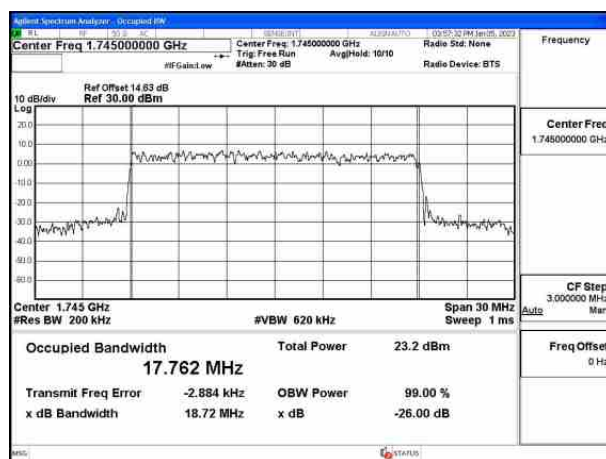


Fig.18

Test Mode: 16QAM

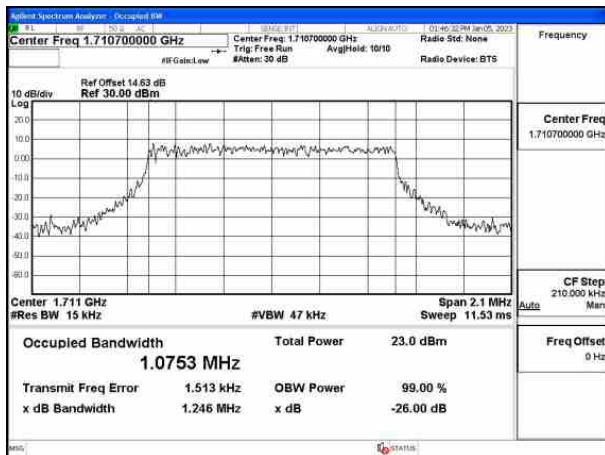


Fig.19

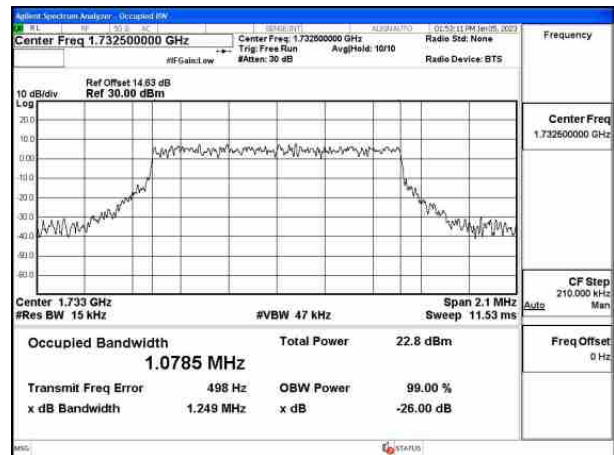


Fig.20

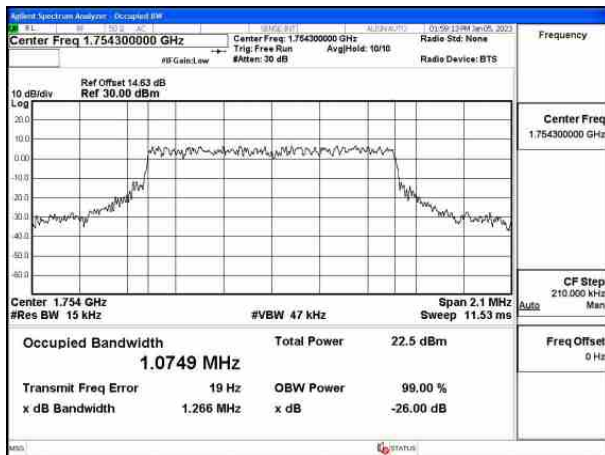


Fig.21

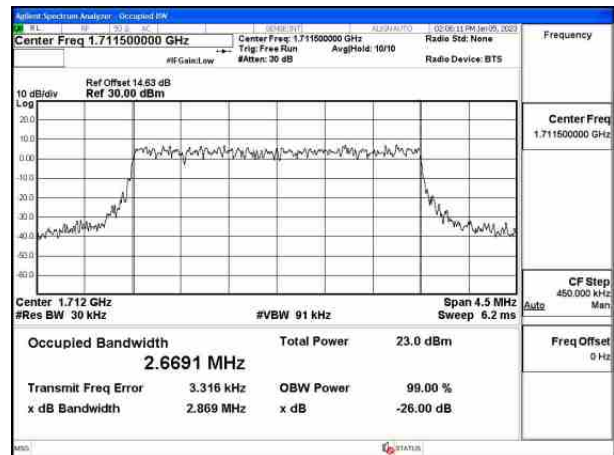


Fig.22

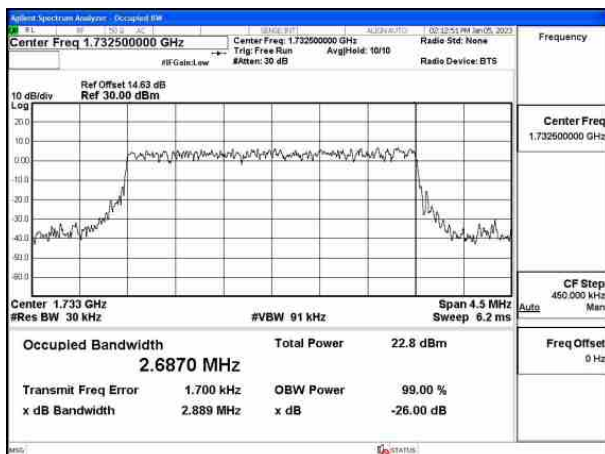


Fig.23

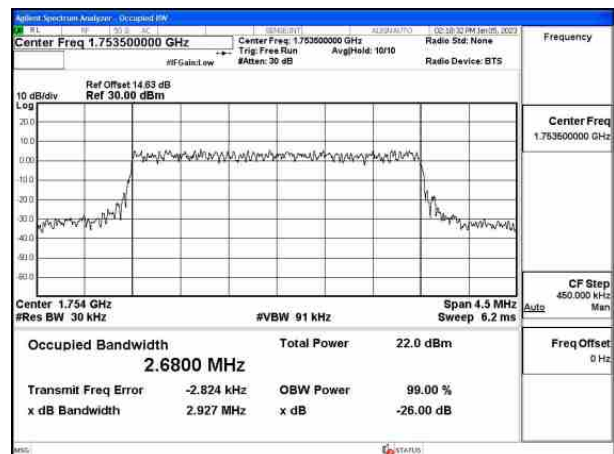


Fig.24

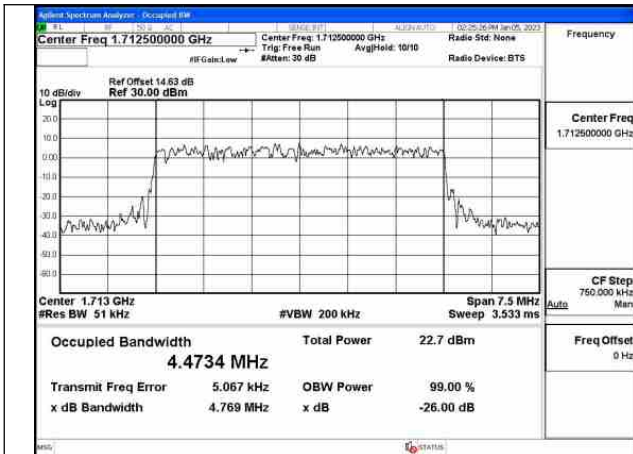


Fig.25

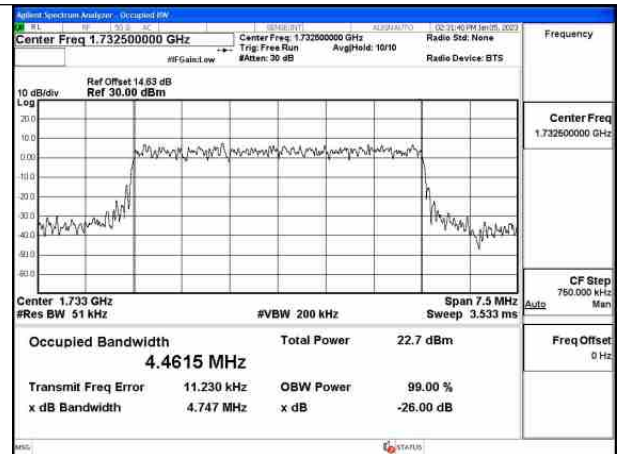


Fig.26

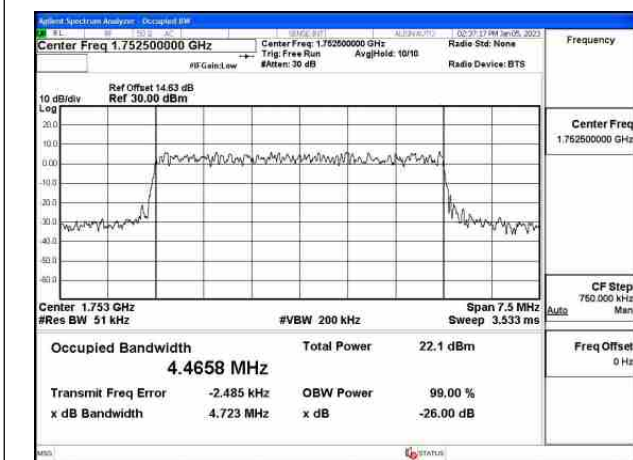


Fig.27

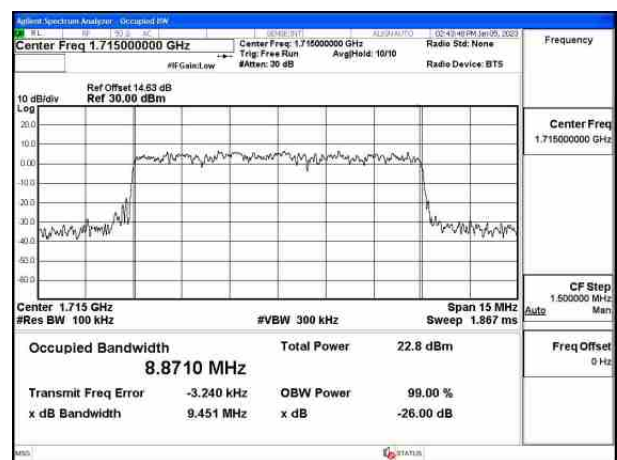


Fig.28

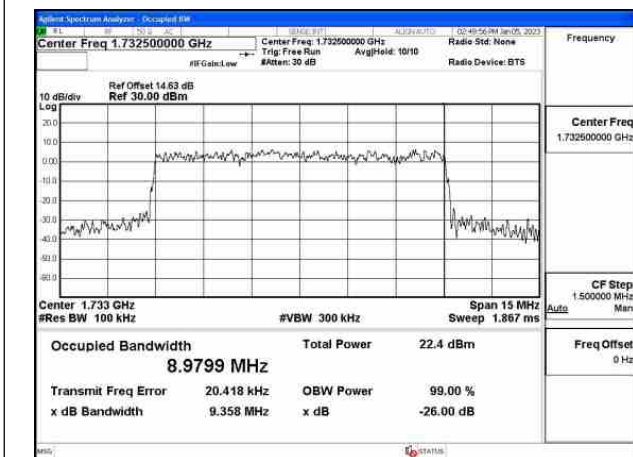


Fig.29

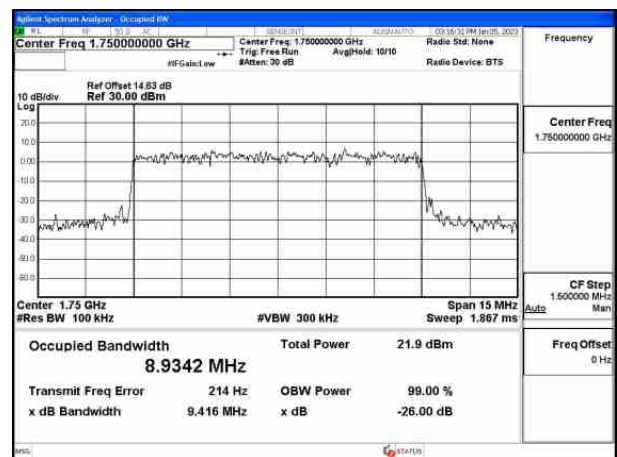


Fig.30

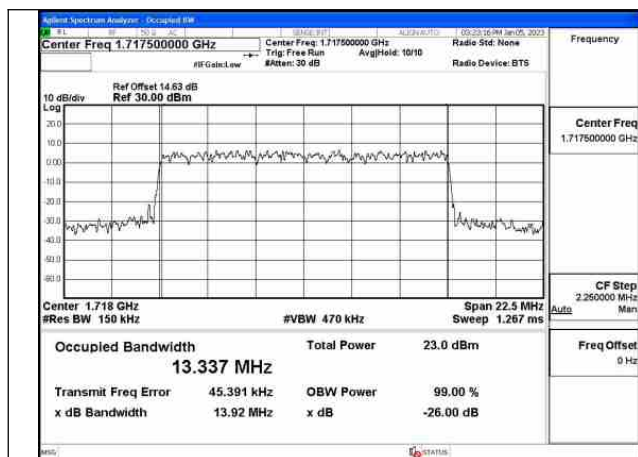


Fig.31

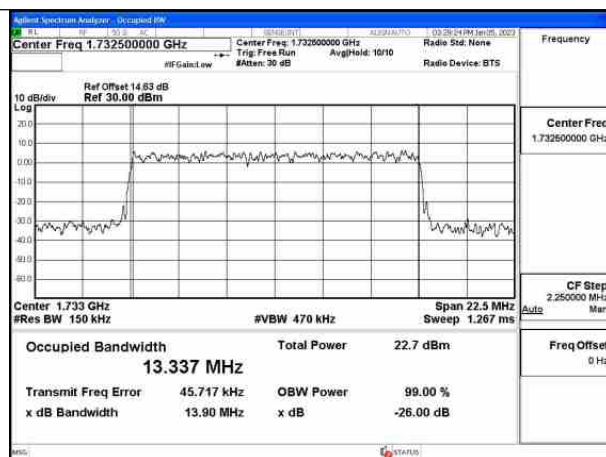


Fig.32

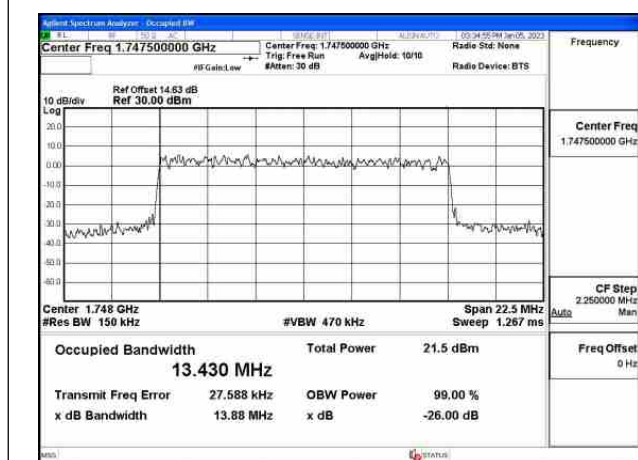


Fig.33

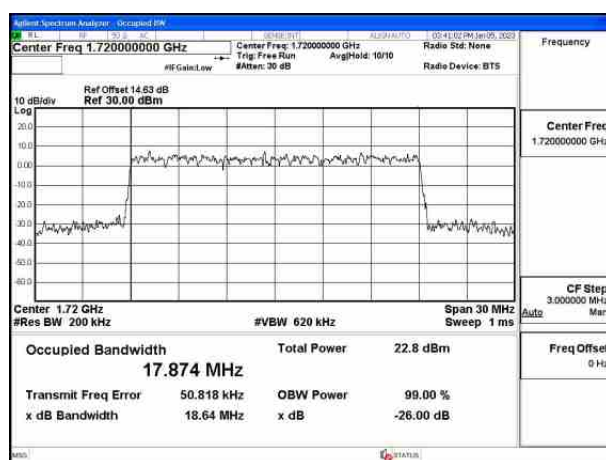


Fig.34

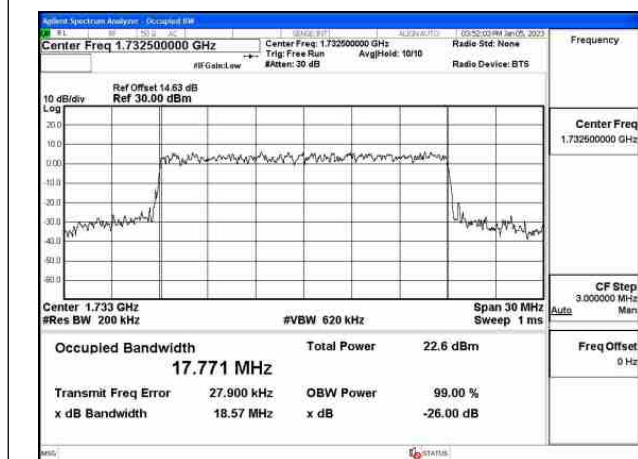


Fig.35

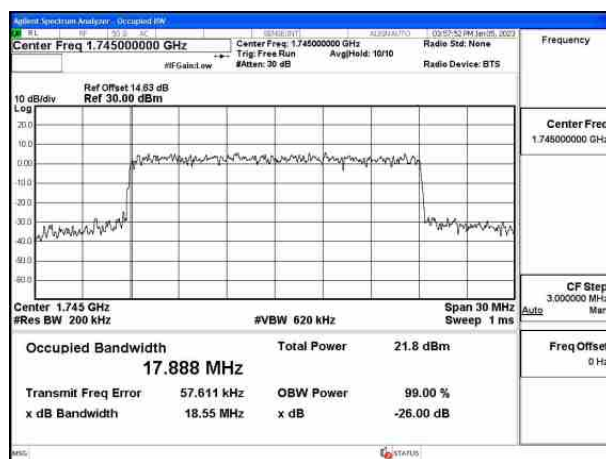


Fig.36

Test Mode: 64QAM

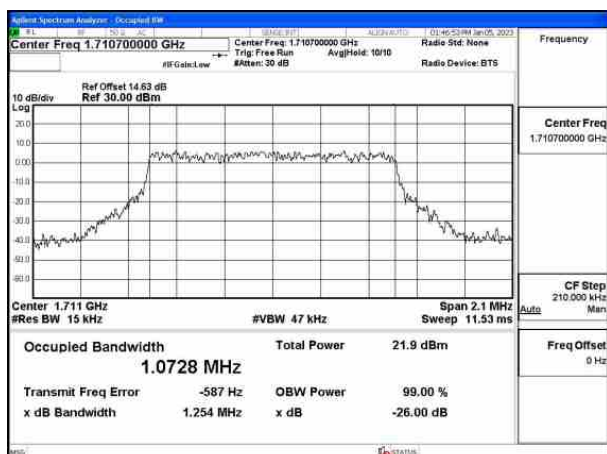


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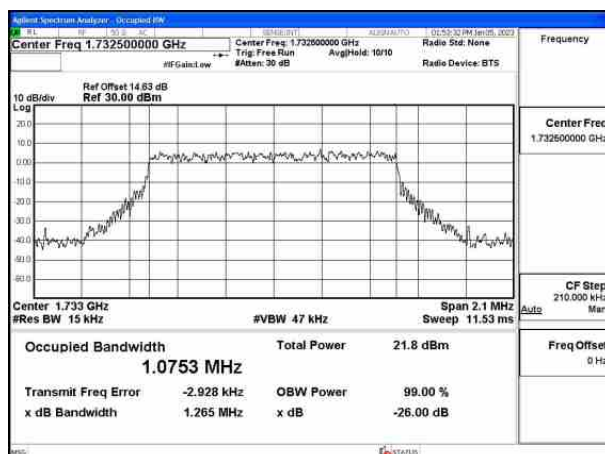


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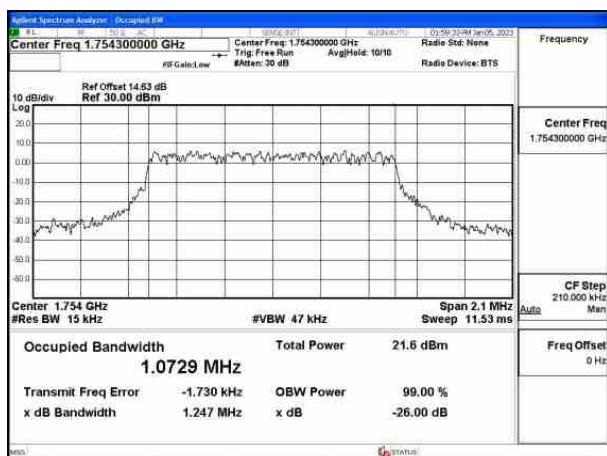


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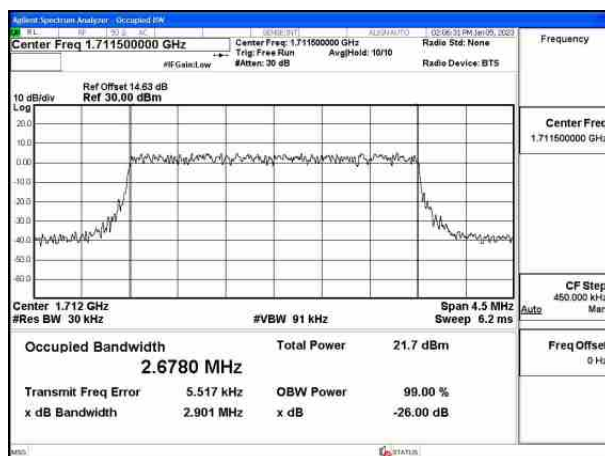


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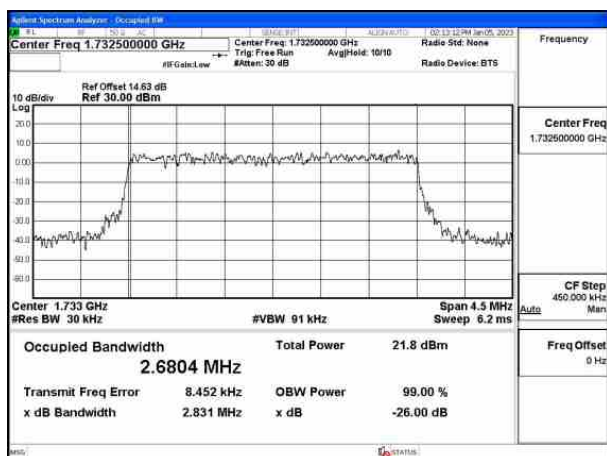


Fig.41

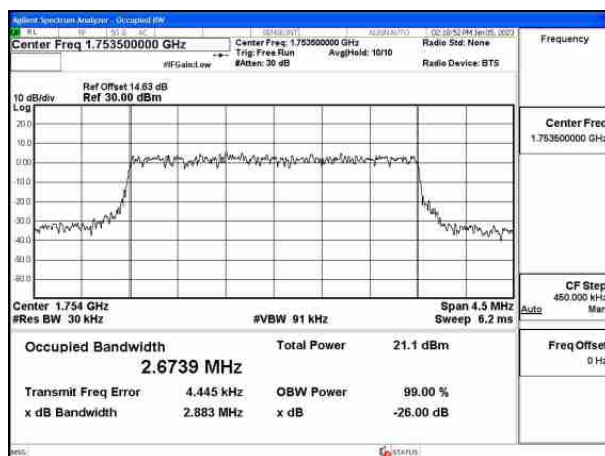


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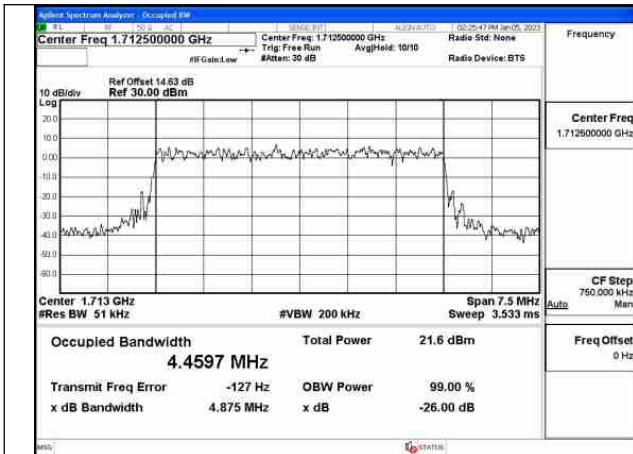


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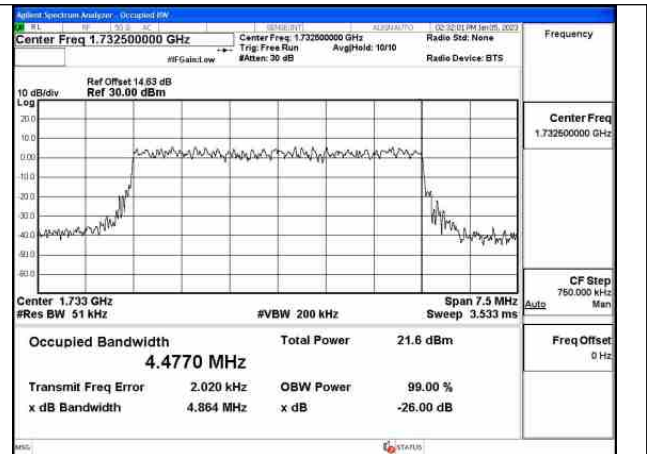


Fig.44

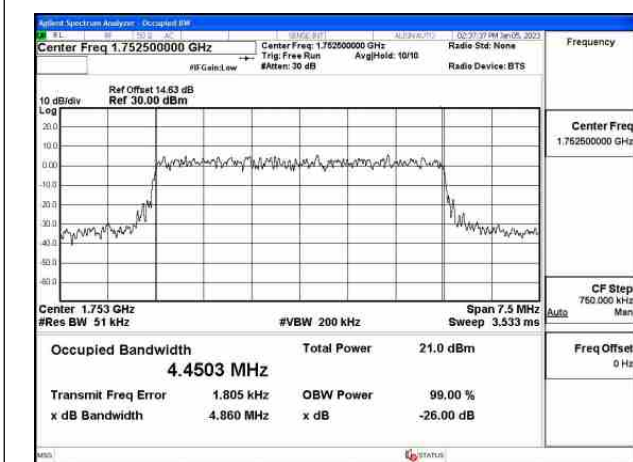


Fig.45

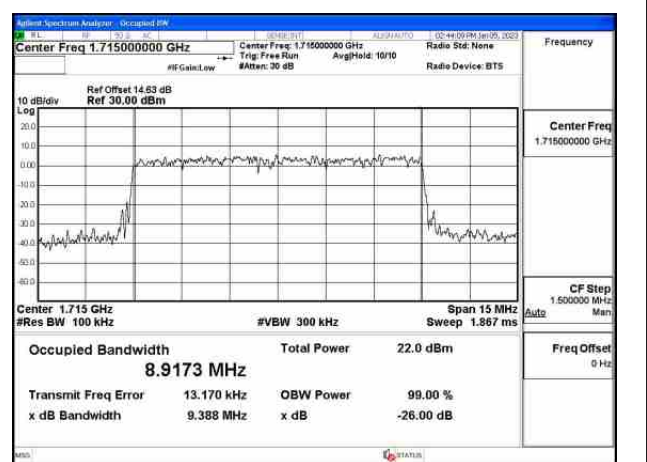


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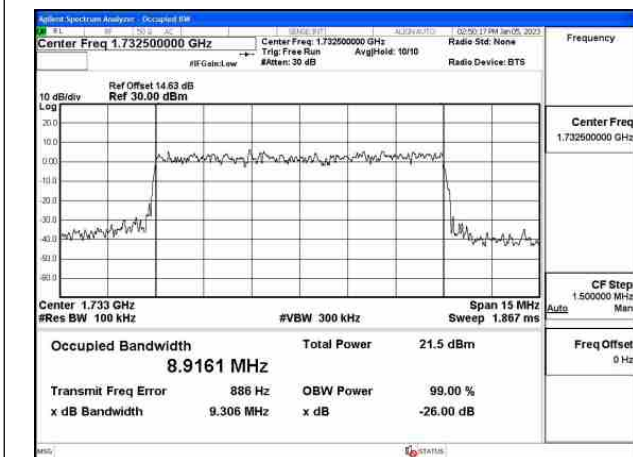


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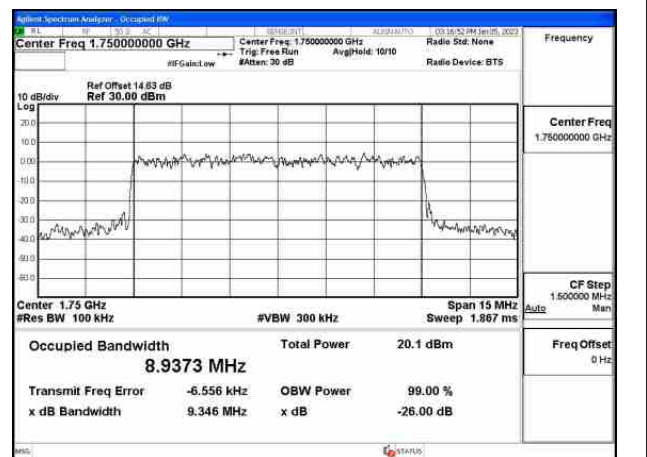


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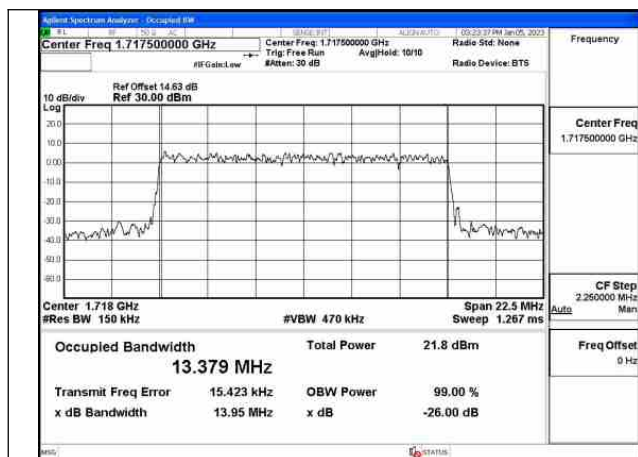


Fig.49

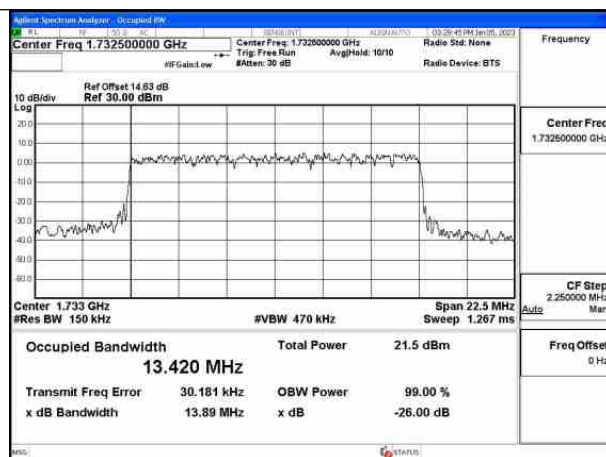


Fig.50

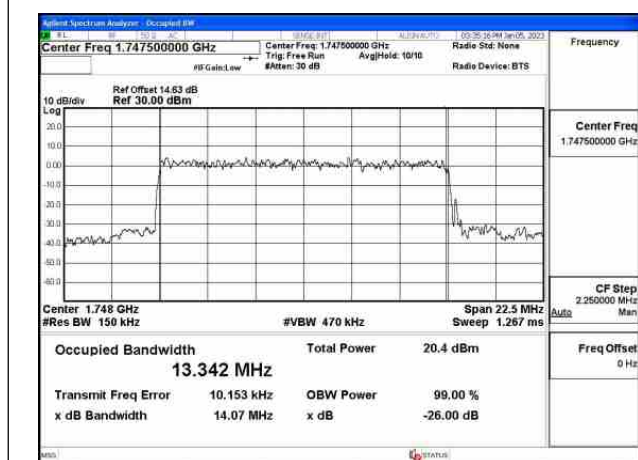


Fig.51

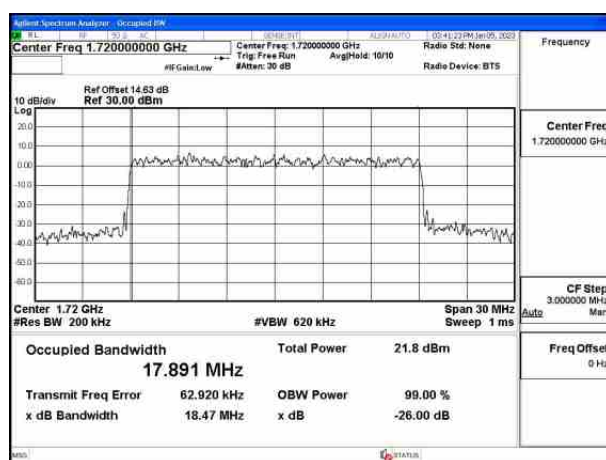


Fig.52

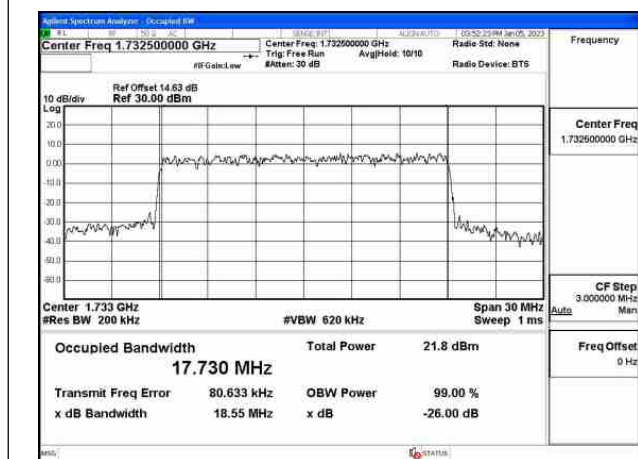


Fig.53

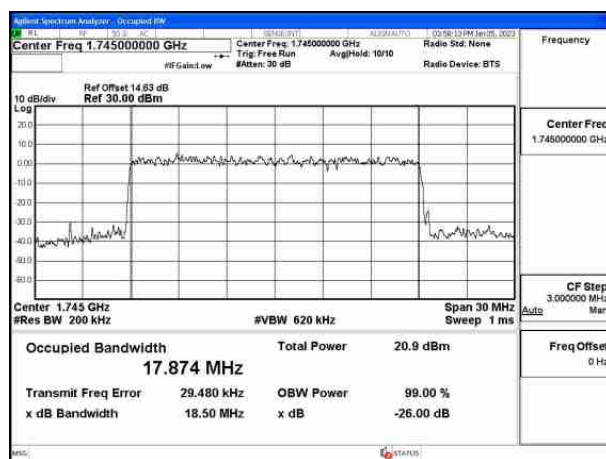


Fig.54

#### 4 Peak-Average Ratio

| Band | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | QPSK    | 16-QAM  | 64-QAM  |
|------|-------------------------|---------|----------|---------|-----------|---------|---------|---------|
| 4    | 1710.7                  | 19957   | 1.4      | 1       | 5         | Fig.1   | Fig.2   | Fig.3   |
| 4    | 1710.7                  | 19957   | 1.4      | 6       | 0         | Fig.4   | Fig.5   | Fig.6   |
| 4    | 1732.5                  | 20175   | 1.4      | 1       | 5         | Fig.7   | Fig.8   | Fig.9   |
| 4    | 1732.5                  | 20175   | 1.4      | 6       | 0         | Fig.10  | Fig.11  | Fig.12  |
| 4    | 1754.3                  | 20393   | 1.4      | 1       | 5         | Fig.13  | Fig.14  | Fig.15  |
| 4    | 1754.3                  | 20393   | 1.4      | 6       | 0         | Fig.16  | Fig.17  | Fig.18  |
| 4    | 1711.5                  | 19965   | 3        | 1       | 14        | Fig.19  | Fig.20  | Fig.21  |
| 4    | 1711.5                  | 19965   | 3        | 15      | 0         | Fig.22  | Fig.23  | Fig.24  |
| 4    | 1732.5                  | 20175   | 3        | 1       | 14        | Fig.25  | Fig.26  | Fig.27  |
| 4    | 1732.5                  | 20175   | 3        | 15      | 0         | Fig.28  | Fig.29  | Fig.30  |
| 4    | 1753.5                  | 20385   | 3        | 1       | 14        | Fig.31  | Fig.32  | Fig.33  |
| 4    | 1753.5                  | 20385   | 3        | 15      | 0         | Fig.34  | Fig.35  | Fig.36  |
| 4    | 1712.5                  | 19975   | 5        | 1       | 24        | Fig.37  | Fig.38  | Fig.39  |
| 4    | 1712.5                  | 19975   | 5        | 25      | 0         | Fig.40  | Fig.41  | Fig.42  |
| 4    | 1732.5                  | 20175   | 5        | 1       | 24        | Fig.43  | Fig.44  | Fig.45  |
| 4    | 1732.5                  | 20175   | 5        | 25      | 0         | Fig.46  | Fig.47  | Fig.48  |
| 4    | 1752.5                  | 20375   | 5        | 1       | 24        | Fig.49  | Fig.50  | Fig.51  |
| 4    | 1752.5                  | 20375   | 5        | 25      | 0         | Fig.52  | Fig.53  | Fig.54  |
| 4    | 1715                    | 20000   | 10       | 1       | 49        | Fig.55  | Fig.56  | Fig.57  |
| 4    | 1715                    | 20000   | 10       | 50      | 0         | Fig.58  | Fig.59  | Fig.60  |
| 4    | 1732.5                  | 20175   | 10       | 1       | 49        | Fig.61  | Fig.62  | Fig.63  |
| 4    | 1732.5                  | 20175   | 10       | 50      | 0         | Fig.64  | Fig.65  | Fig.66  |
| 4    | 1750                    | 20350   | 10       | 1       | 49        | Fig.67  | Fig.68  | Fig.69  |
| 4    | 1750                    | 20350   | 10       | 50      | 0         | Fig.70  | Fig.71  | Fig.72  |
| 4    | 1717.5                  | 20025   | 15       | 1       | 74        | Fig.73  | Fig.74  | Fig.75  |
| 4    | 1717.5                  | 20025   | 15       | 75      | 0         | Fig.76  | Fig.77  | Fig.78  |
| 4    | 1732.5                  | 20175   | 15       | 1       | 74        | Fig.79  | Fig.80  | Fig.81  |
| 4    | 1732.5                  | 20175   | 15       | 75      | 0         | Fig.82  | Fig.83  | Fig.84  |
| 4    | 1747.5                  | 20325   | 15       | 1       | 74        | Fig.85  | Fig.86  | Fig.87  |
| 4    | 1747.5                  | 20325   | 15       | 75      | 0         | Fig.88  | Fig.89  | Fig.90  |
| 4    | 1720                    | 20050   | 20       | 1       | 99        | Fig.91  | Fig.92  | Fig.93  |
| 4    | 1720                    | 20050   | 20       | 100     | 0         | Fig.94  | Fig.95  | Fig.96  |
| 4    | 1732.5                  | 20175   | 20       | 1       | 99        | Fig.97  | Fig.98  | Fig.99  |
| 4    | 1732.5                  | 20175   | 20       | 100     | 0         | Fig.100 | Fig.101 | Fig.102 |
| 4    | 1745                    | 20300   | 20       | 1       | 99        | Fig.103 | Fig.104 | Fig.105 |
| 4    | 1745                    | 20300   | 20       | 100     | 0         | Fig.106 | Fig.107 | Fig.108 |

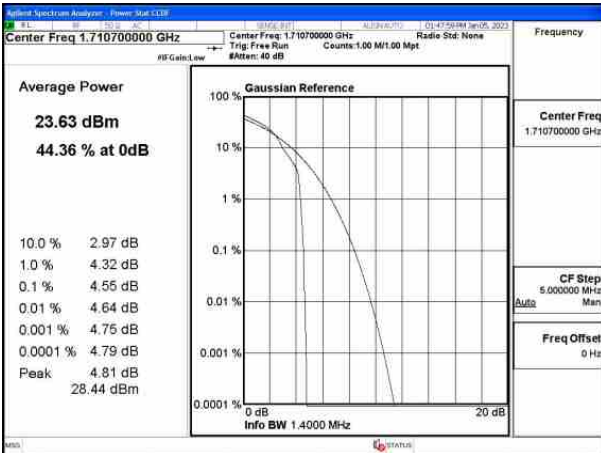


Fig.1

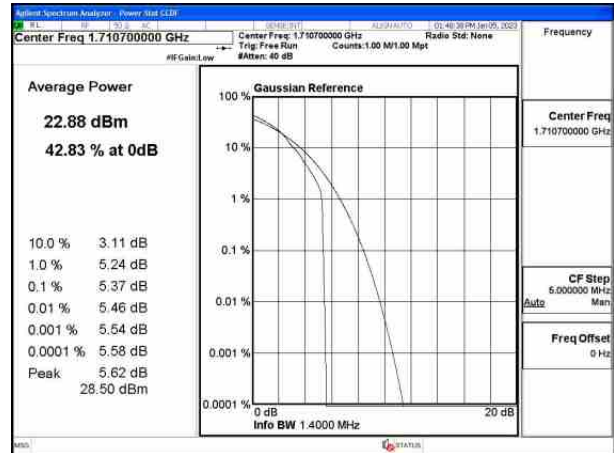


Fig.2

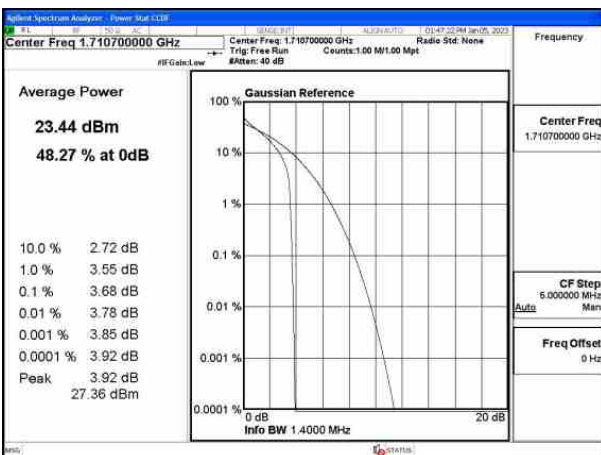


Fig.3

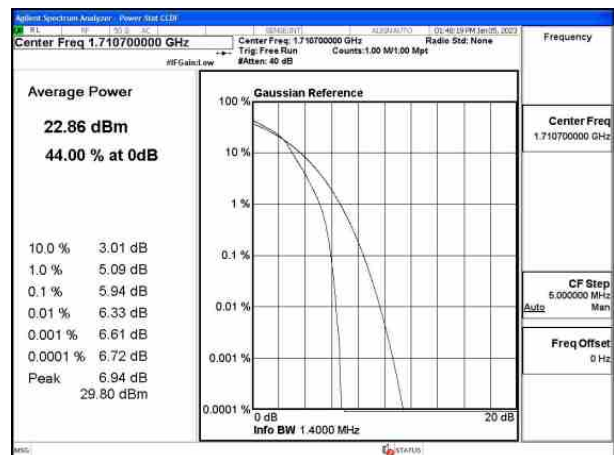


Fig.4

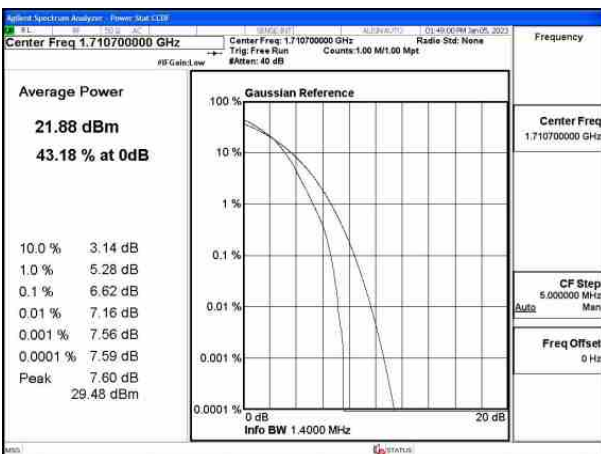


Fig.5

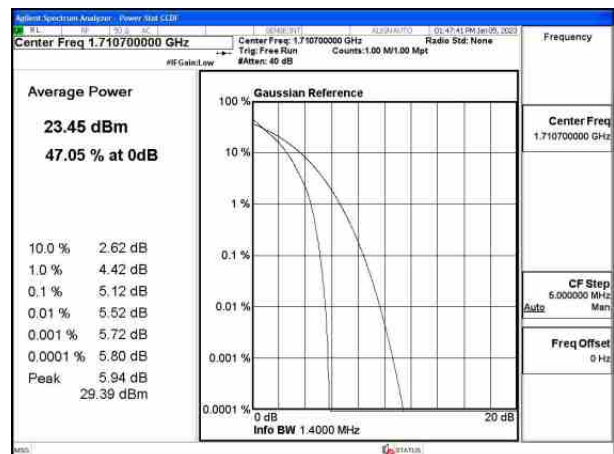


Fig.6

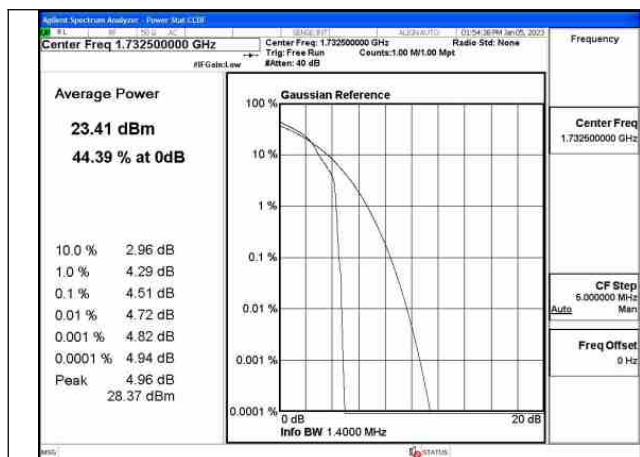


Fig.7

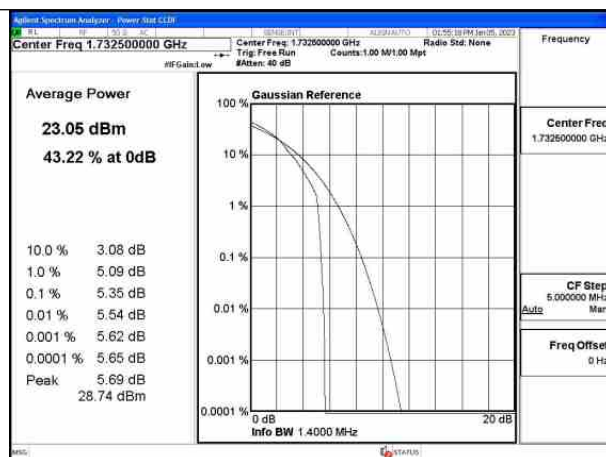


Fig.8

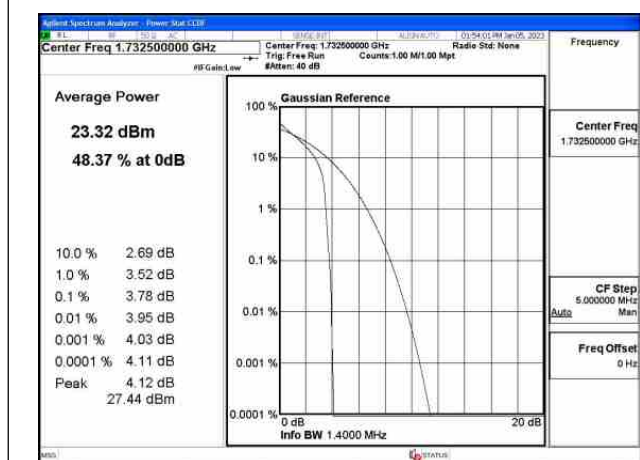


Fig.9

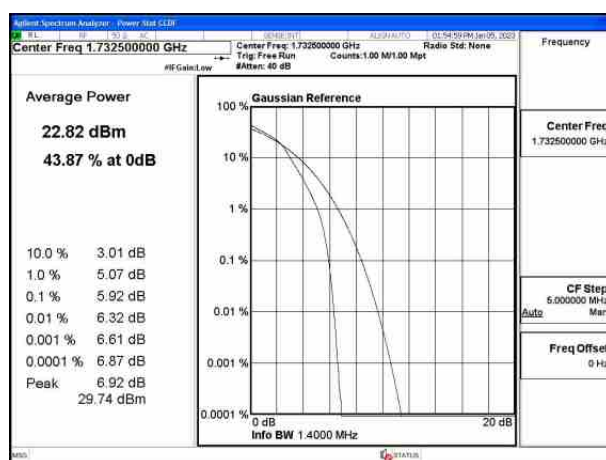


Fig.10

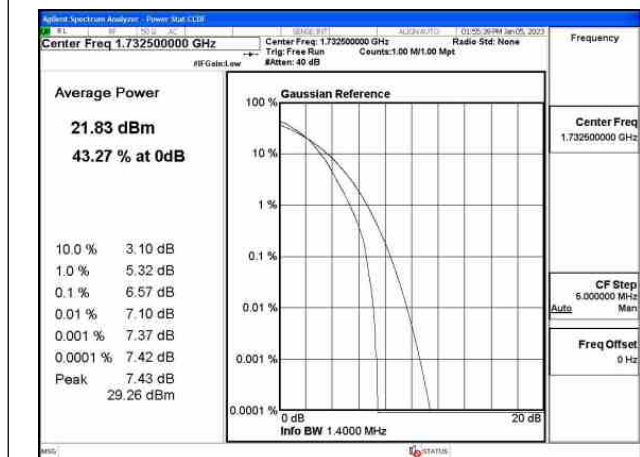


Fig.11

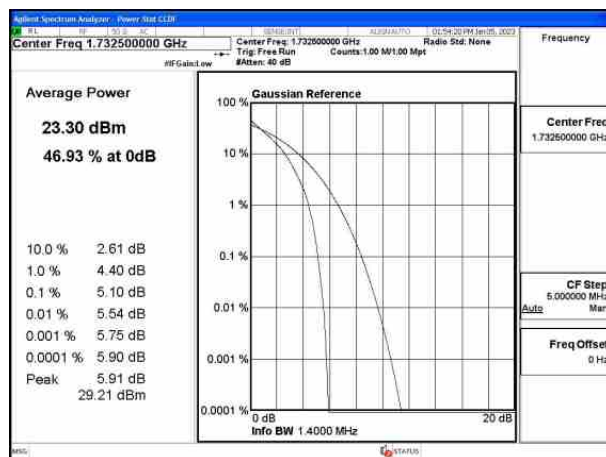


Fig.12

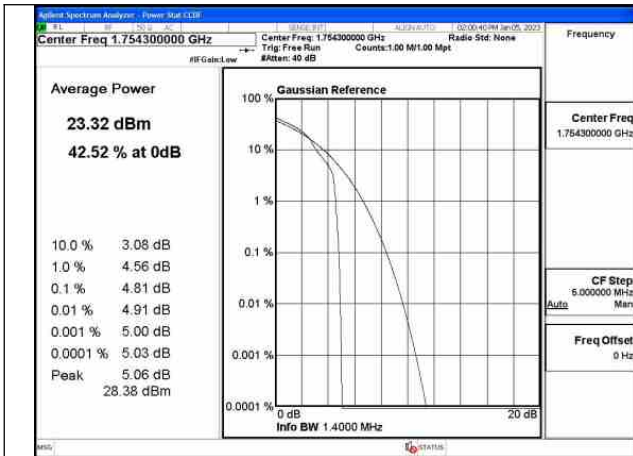


Fig.13

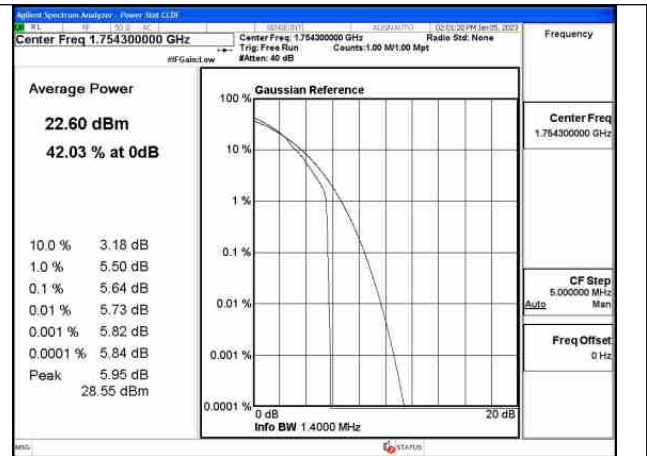


Fig.14

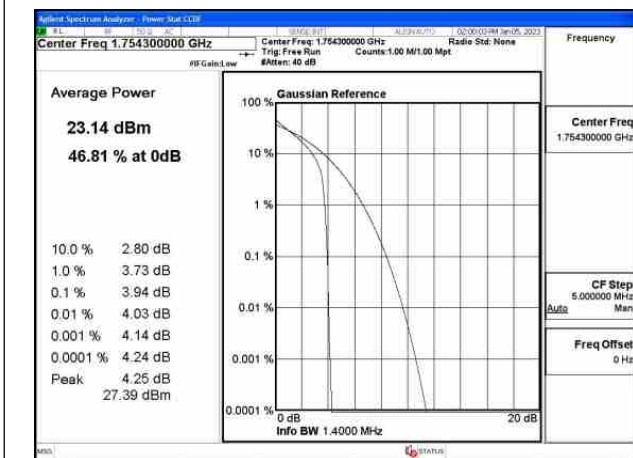


Fig.15

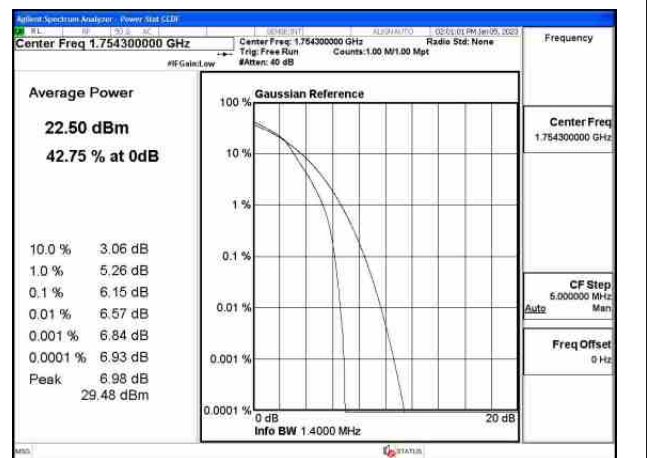


Fig.16

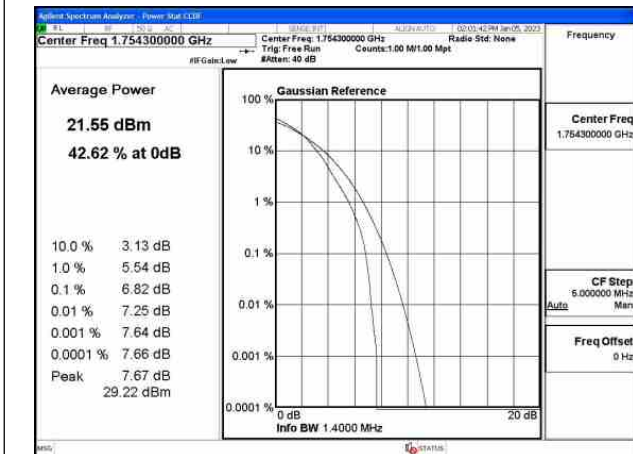


Fig.17

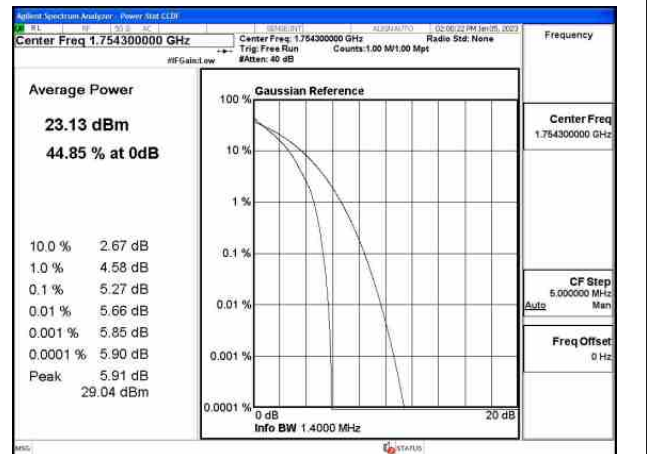


Fig.18

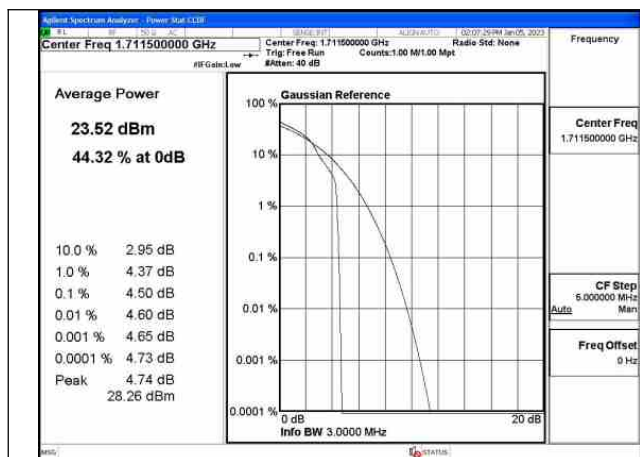


Fig.19

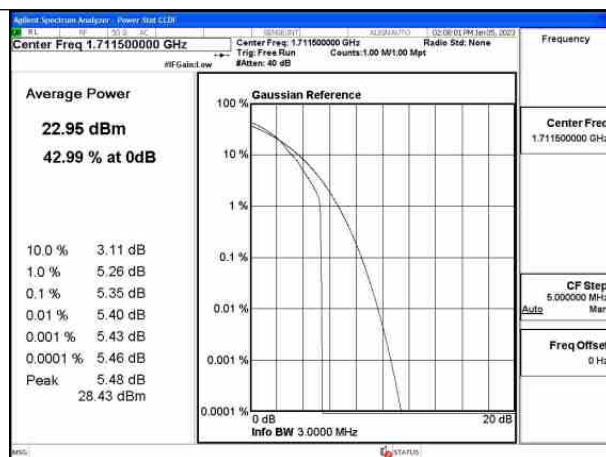


Fig.20

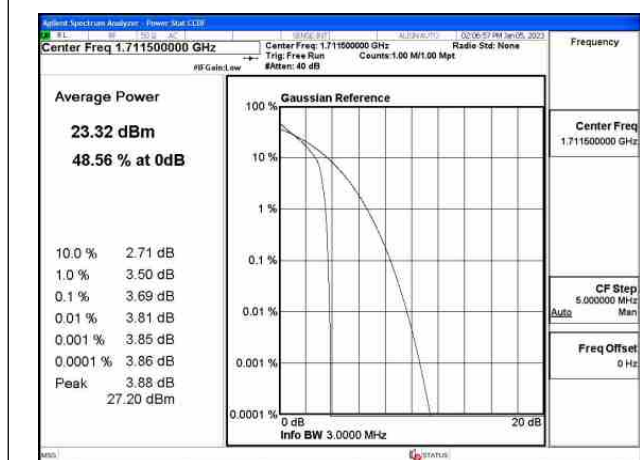


Fig.21

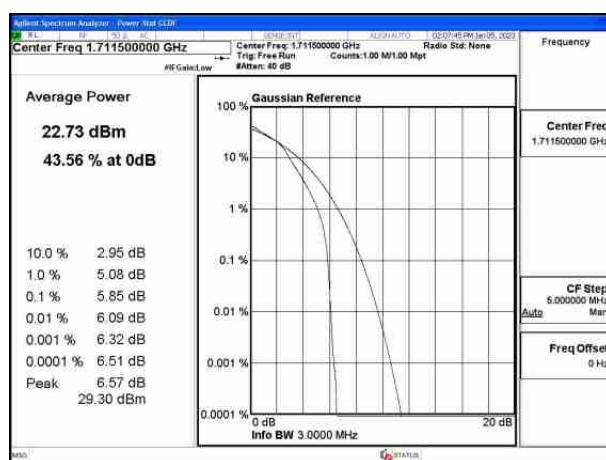


Fig.22

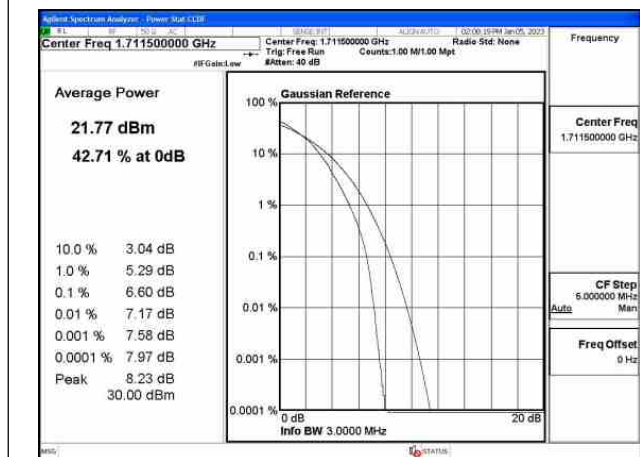


Fig.23

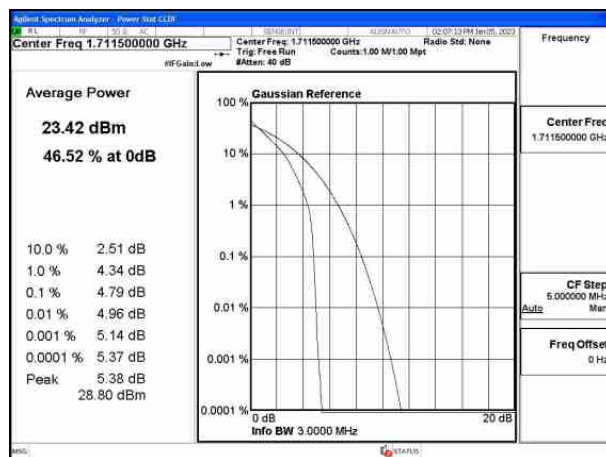


Fig.24

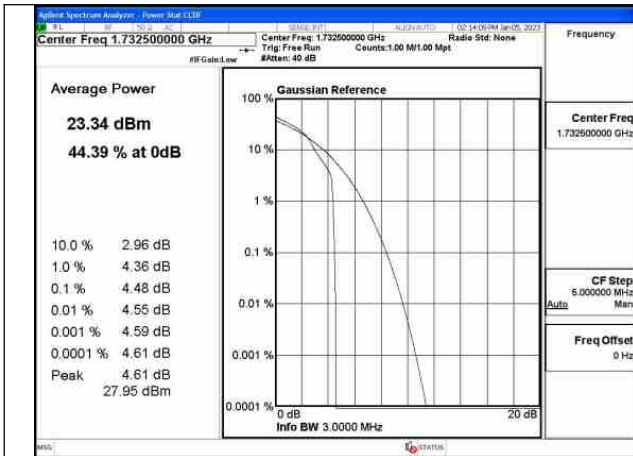


Fig.25

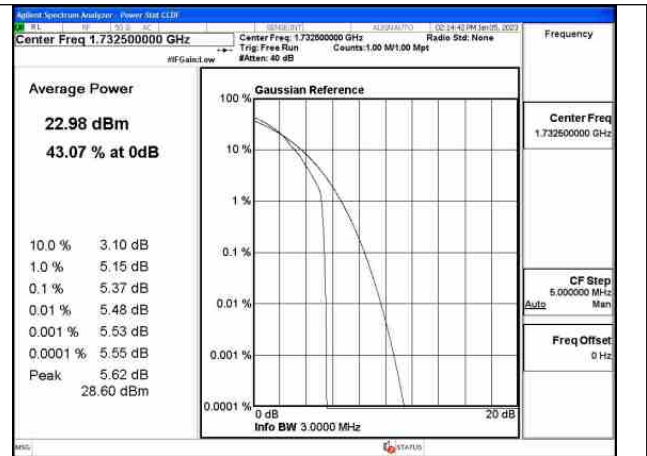


Fig.26

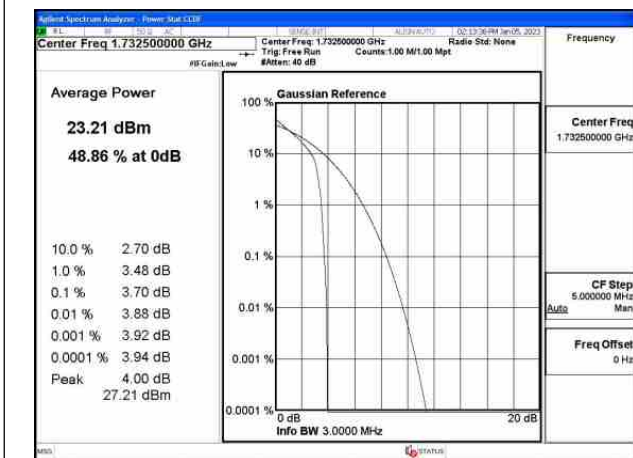


Fig.27

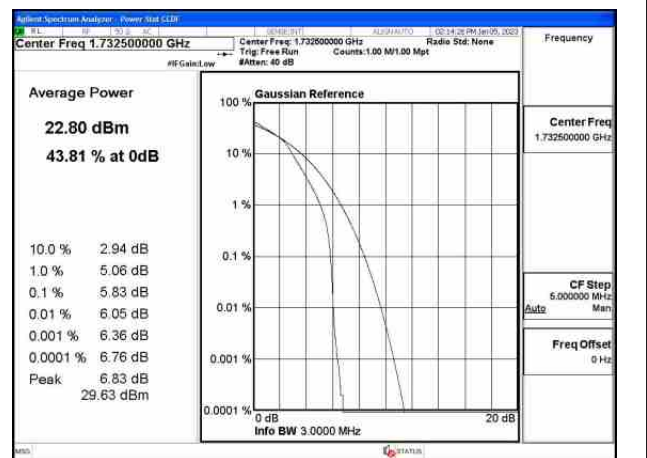


Fig.28

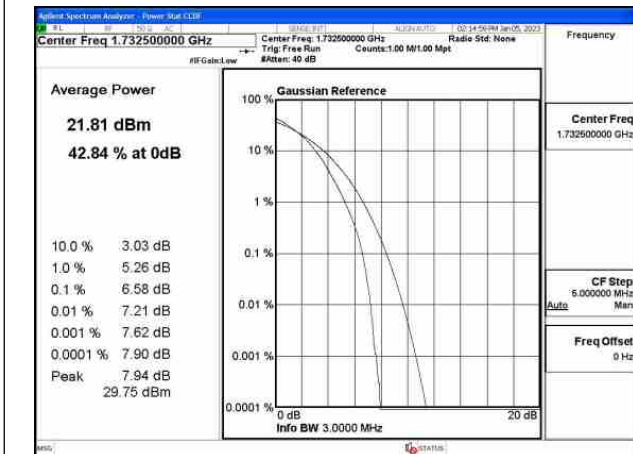


Fig.29

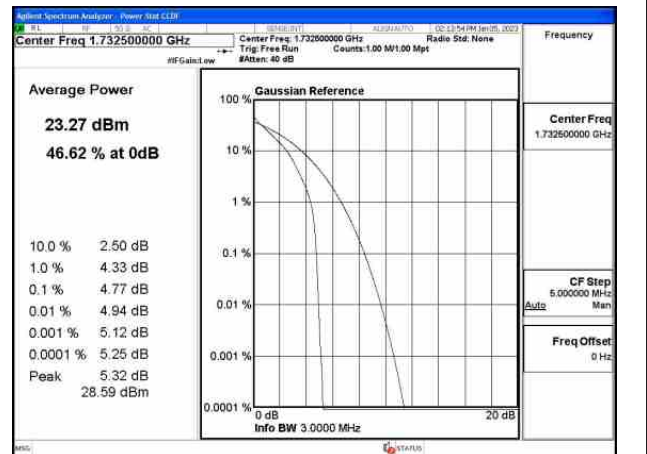


Fig.30

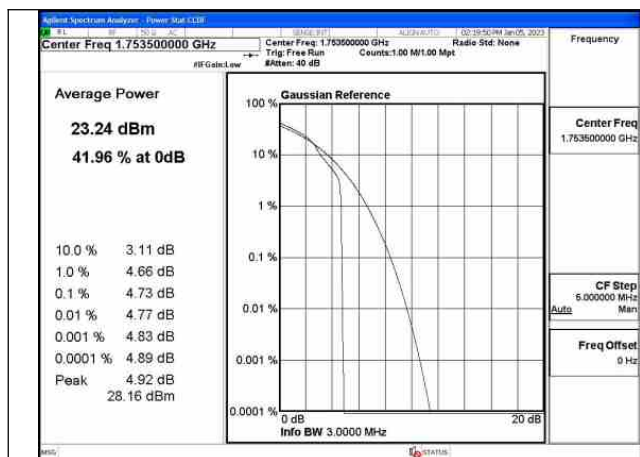


Fig.31

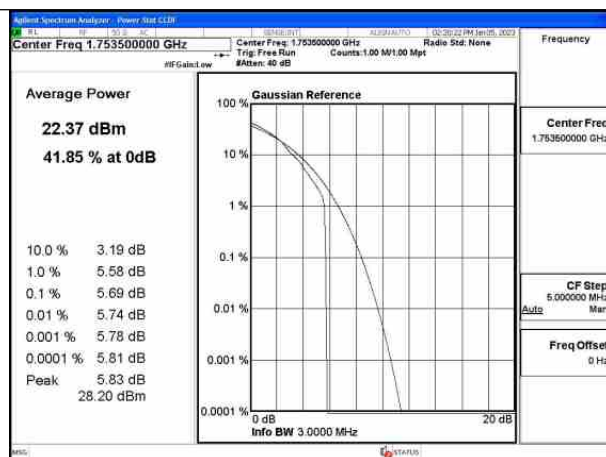


Fig.32

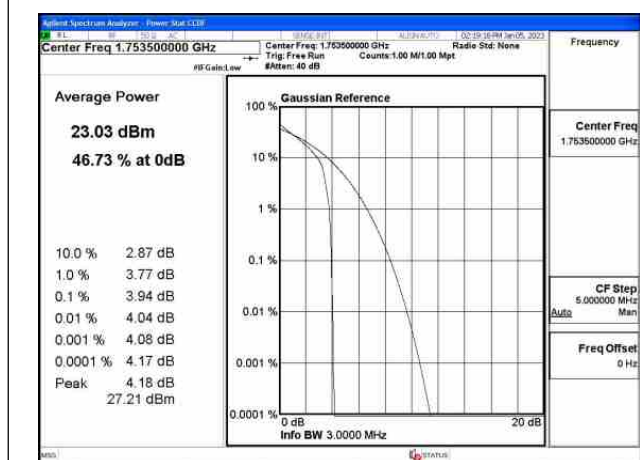


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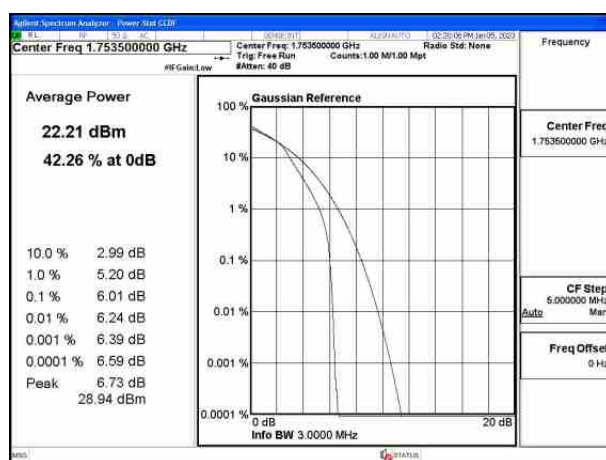


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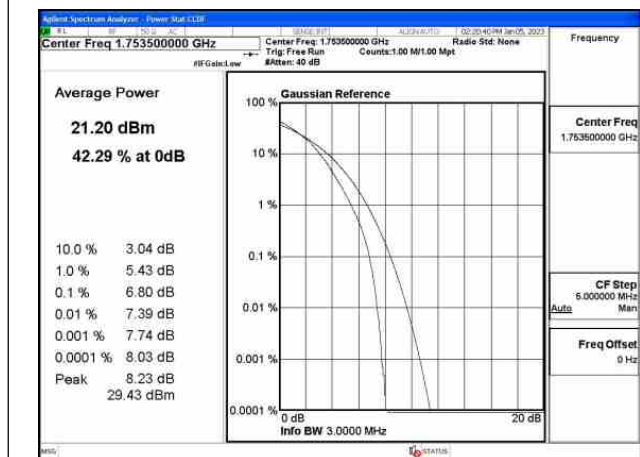


Fig.35

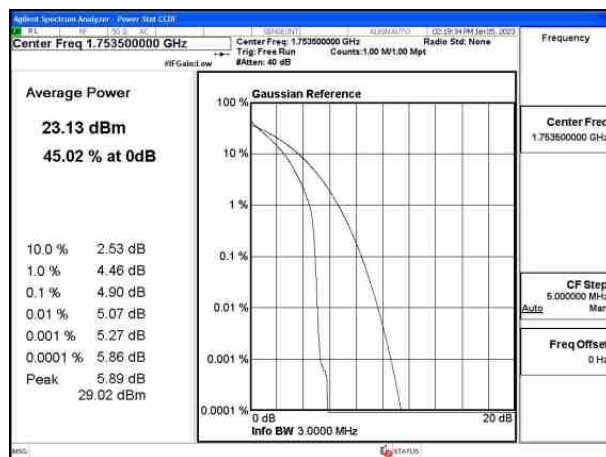


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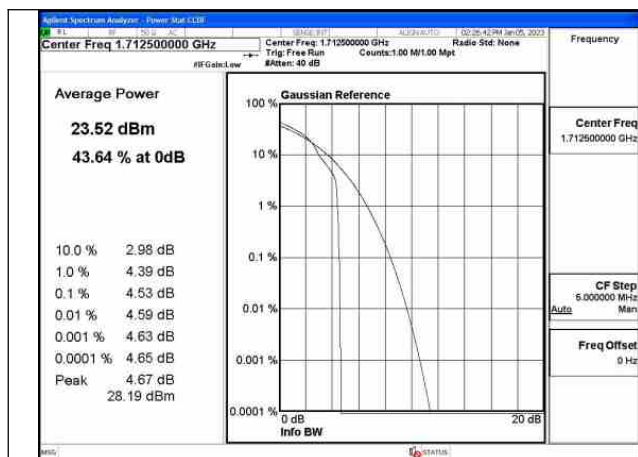


Fig.37

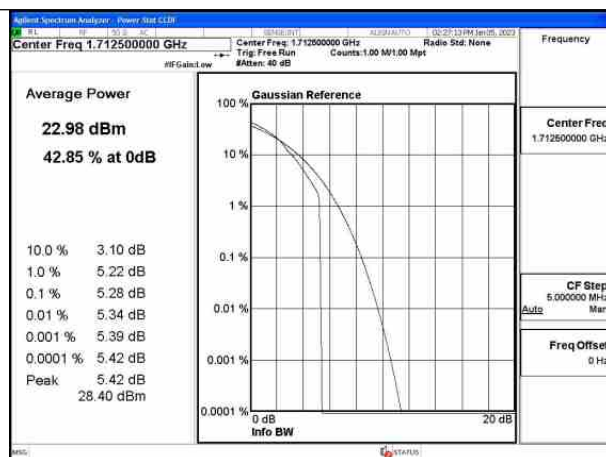


Fig.38

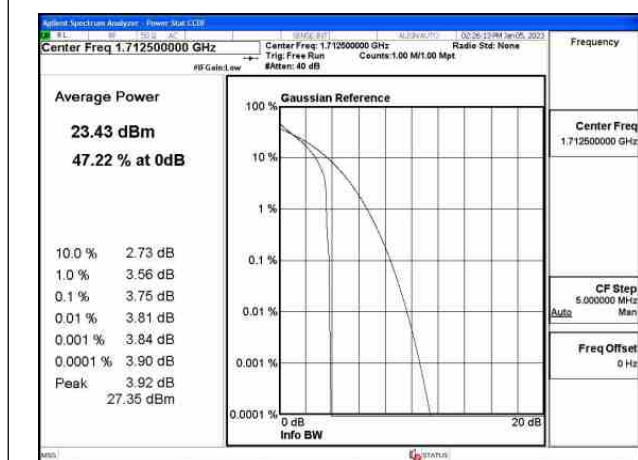


Fig.39

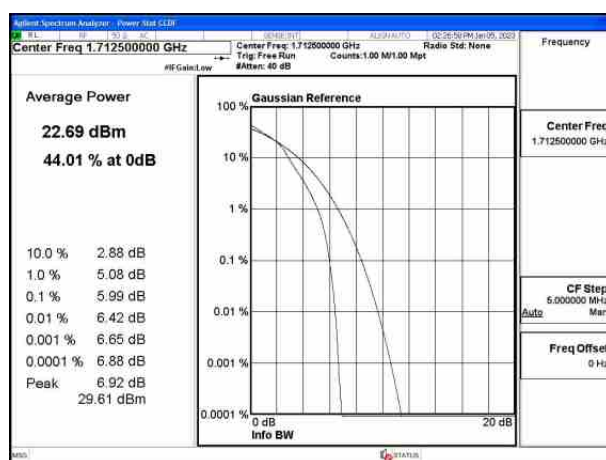


Fig.40

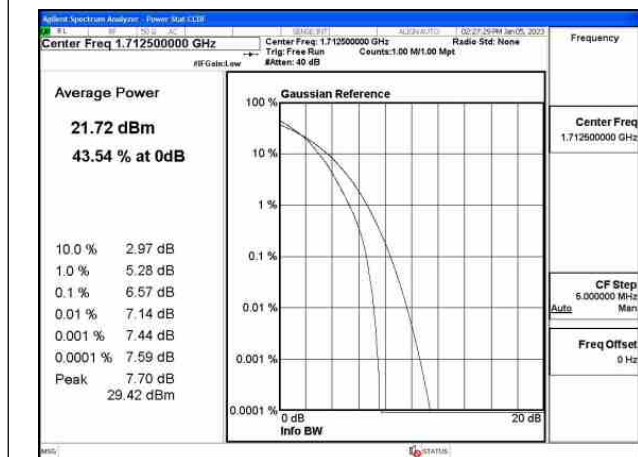


Fig.41

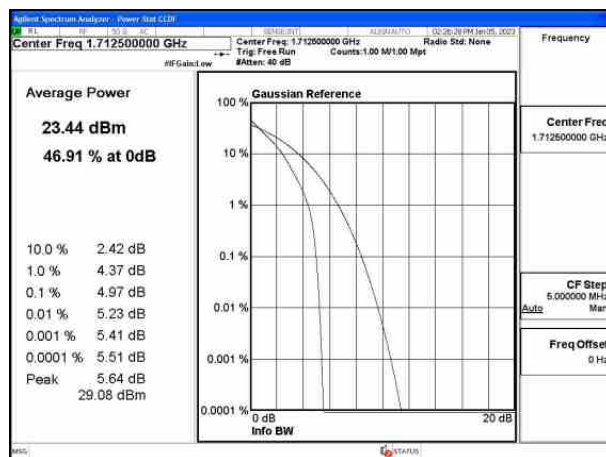


Fig.42

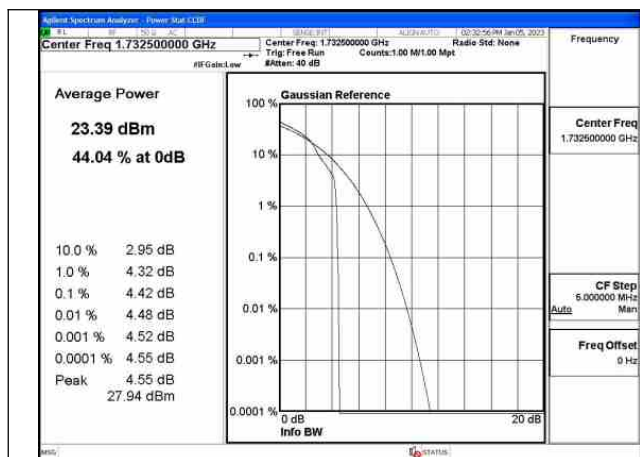


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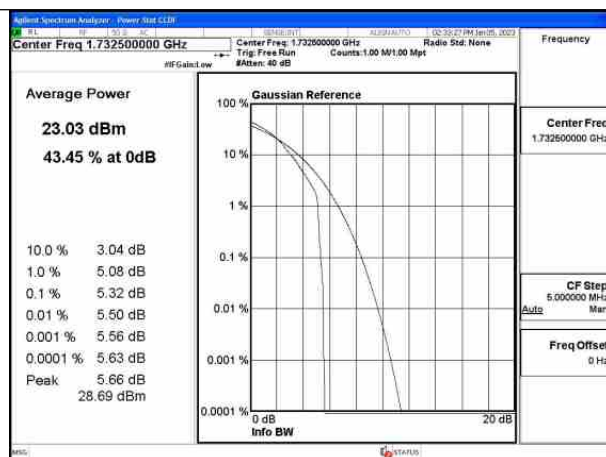


Fig.44

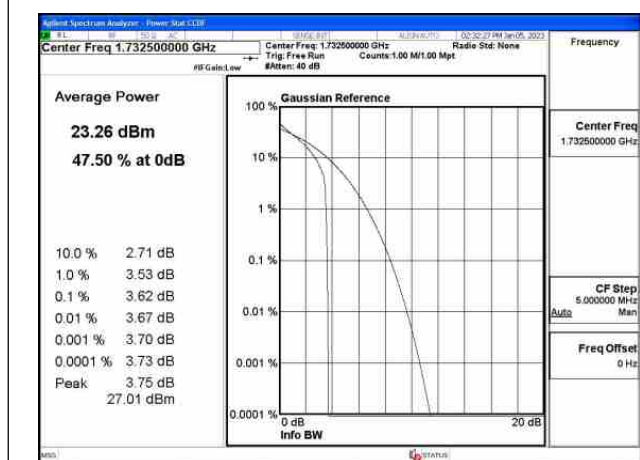


Fig.45

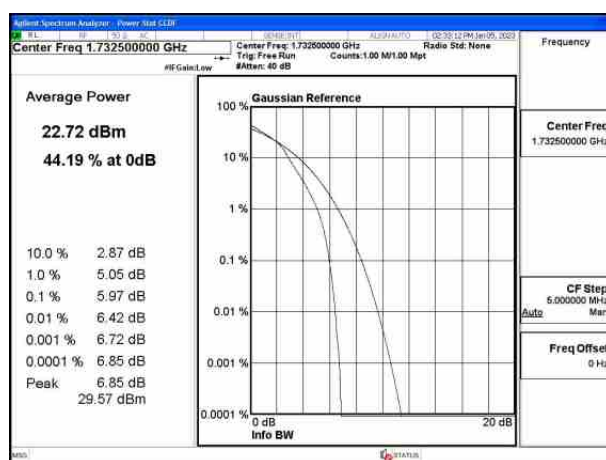


Fig.46

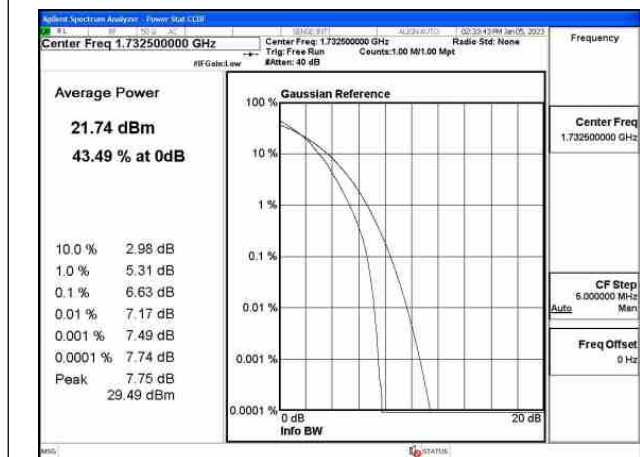


Fig.47

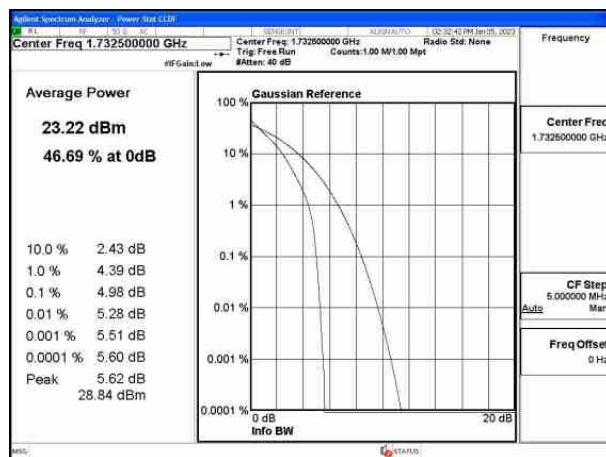


Fig.48

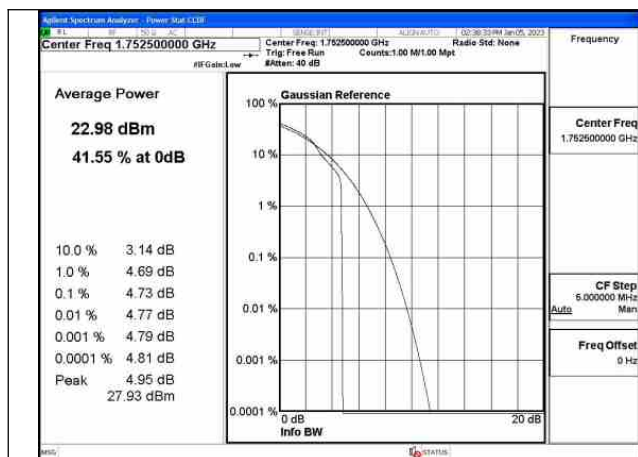


Fig.49

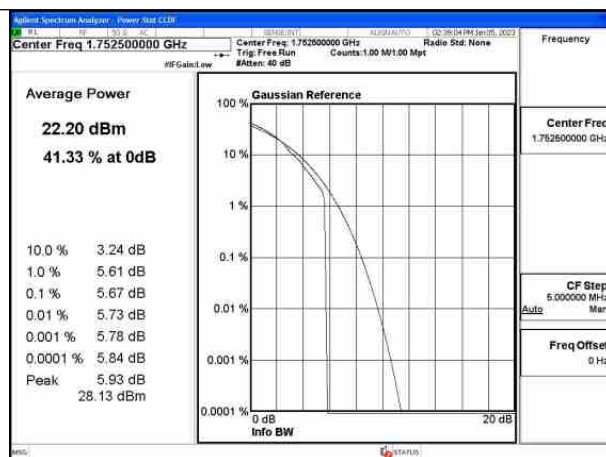


Fig.50

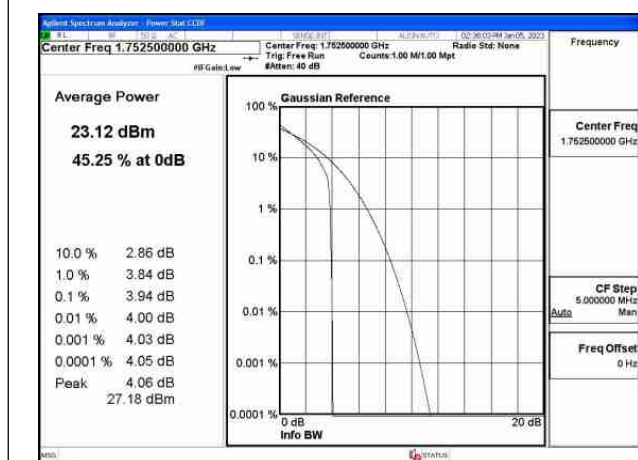


Fig.51

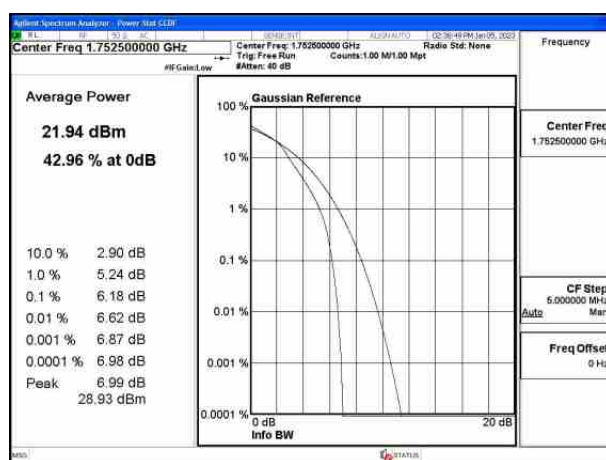


Fig.52

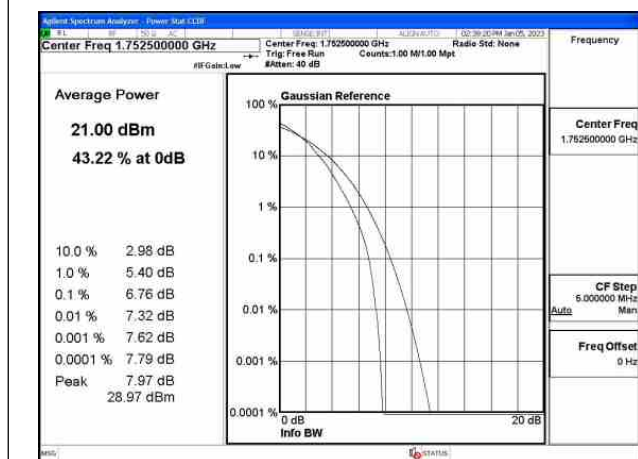


Fig.53

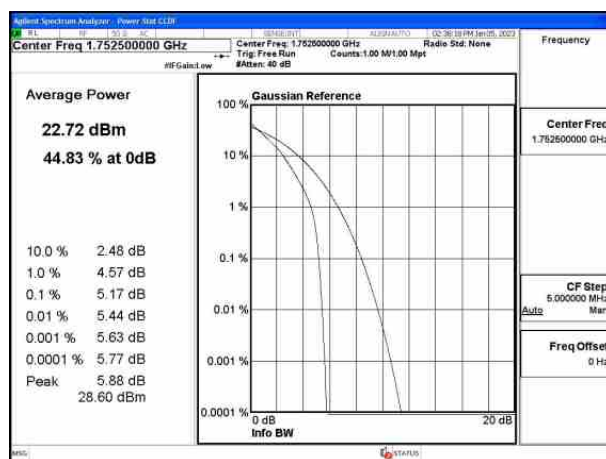


Fig.54

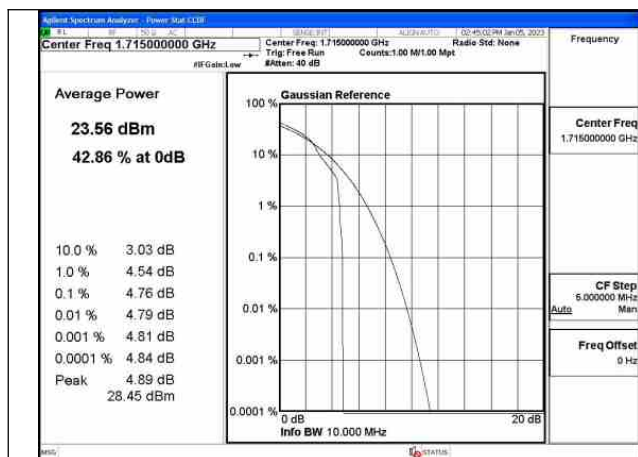


Fig.55

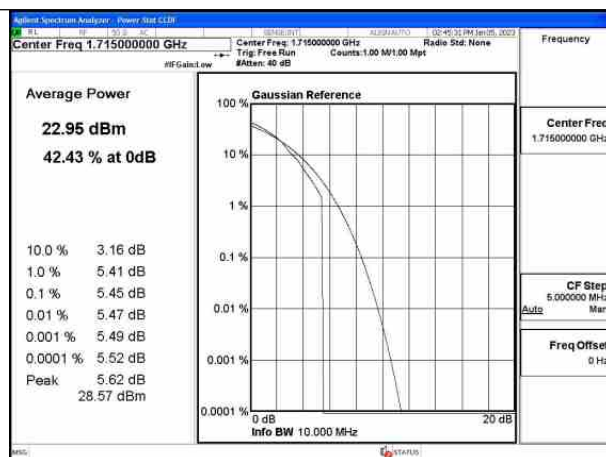


Fig.56

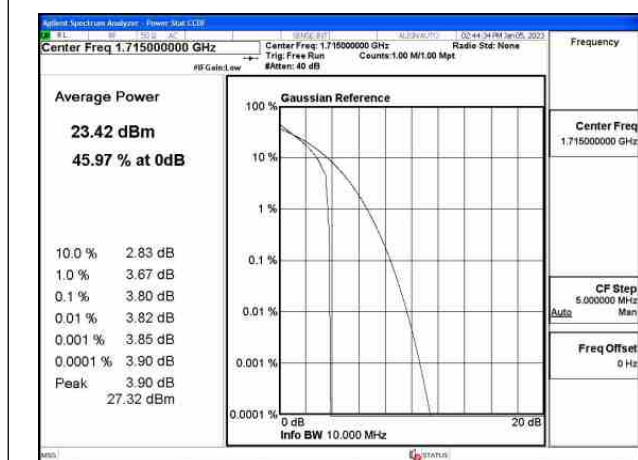


Fig.57

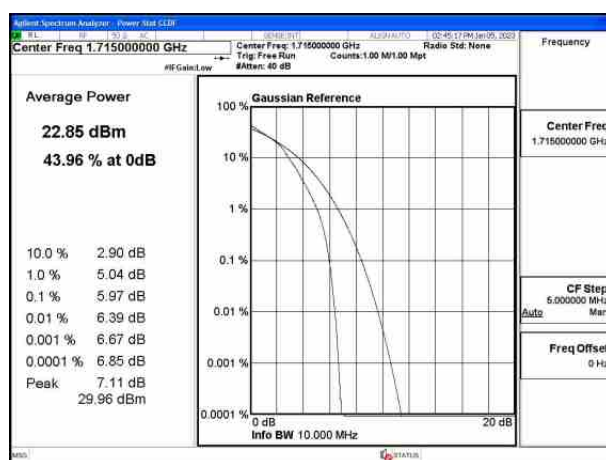


Fig.58

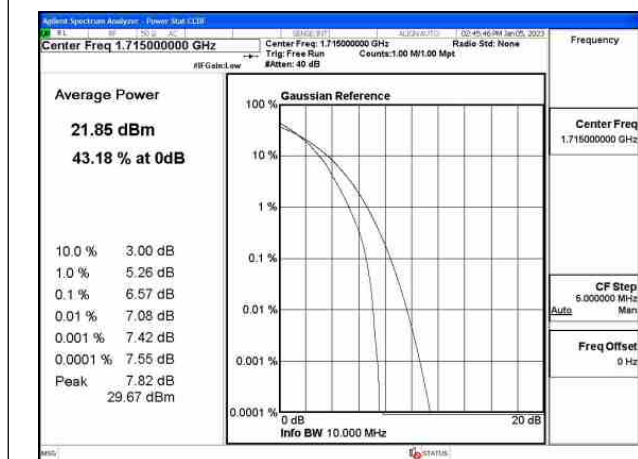


Fig.59

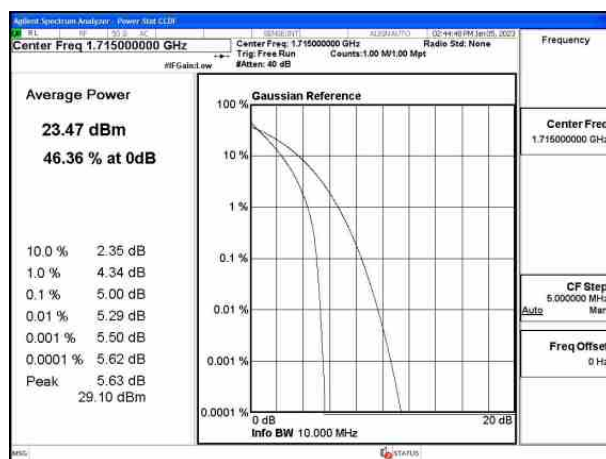


Fig.60

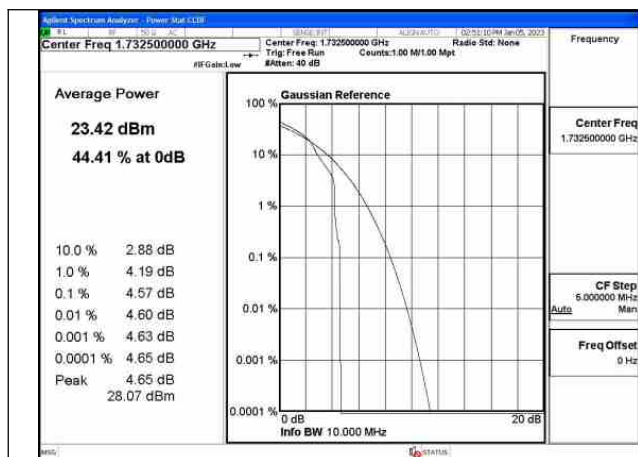


Fig.61

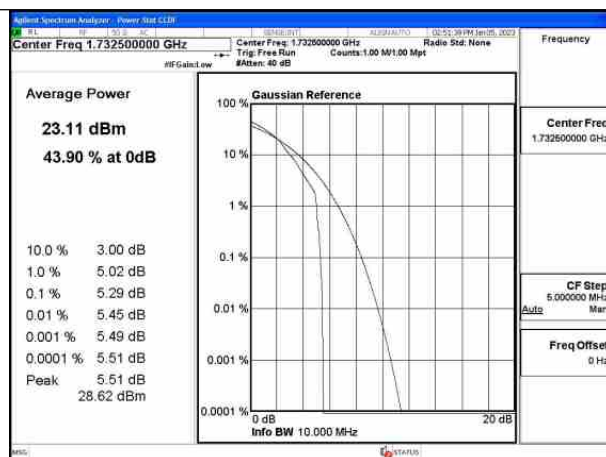


Fig.62

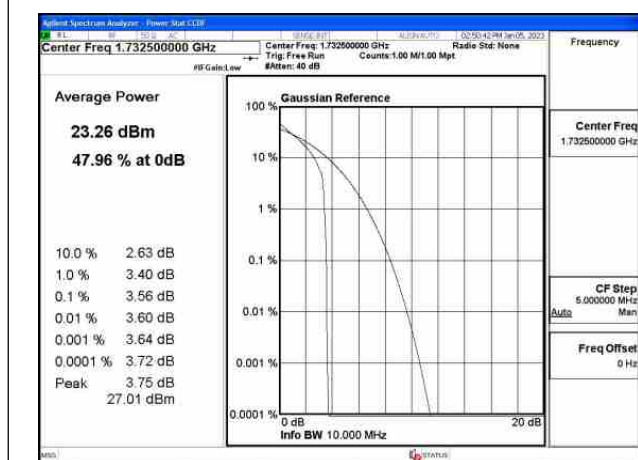


Fig.63

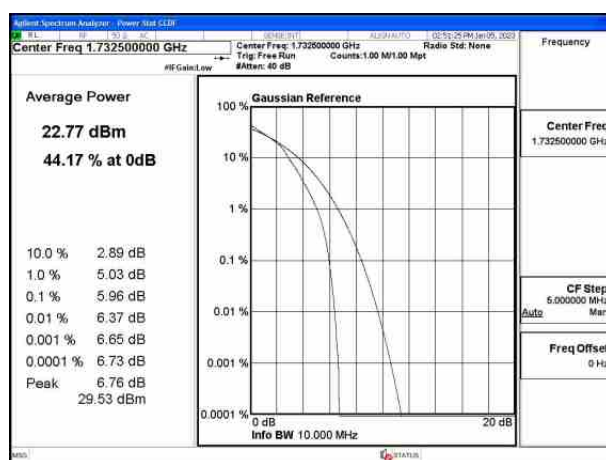


Fig.64

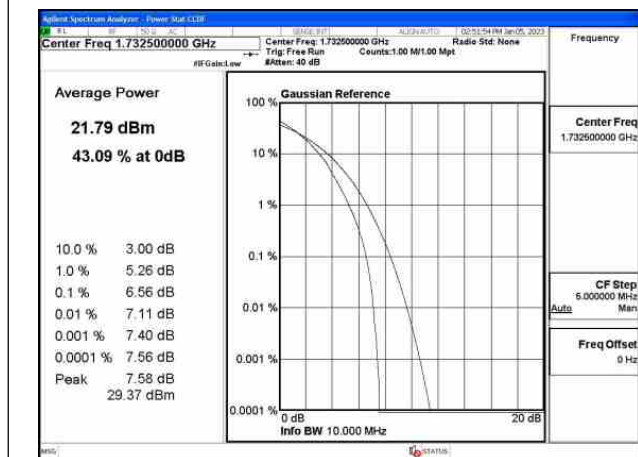


Fig.65

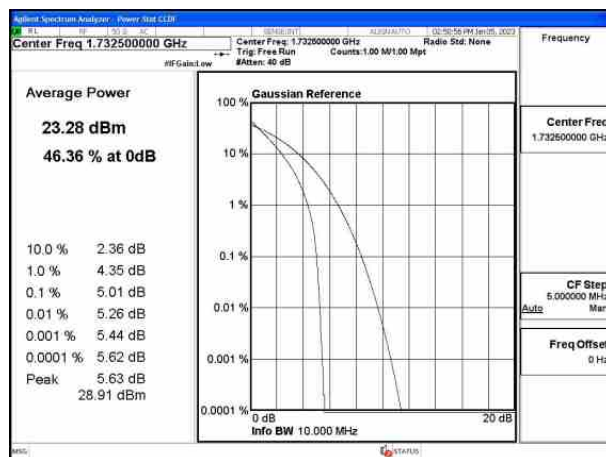


Fig.66

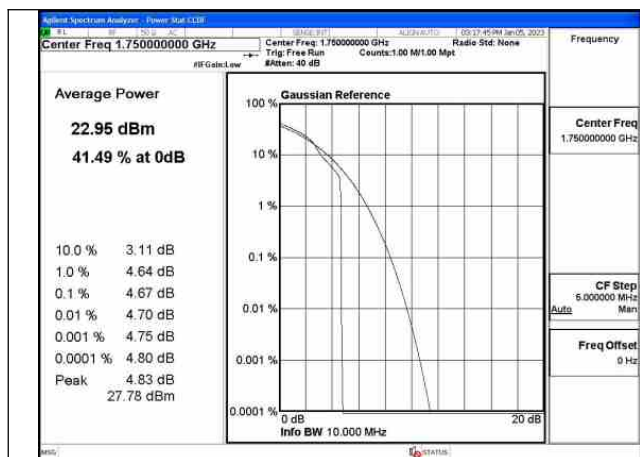


Fig.67

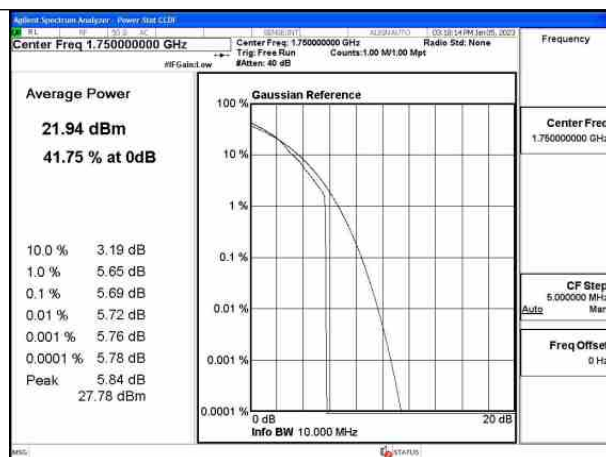


Fig.68

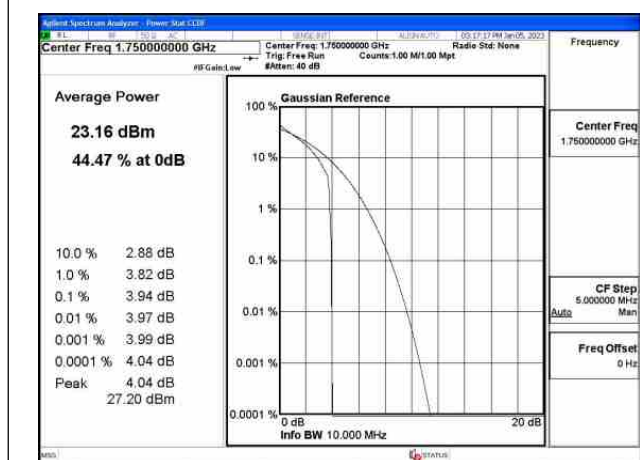


Fig.69

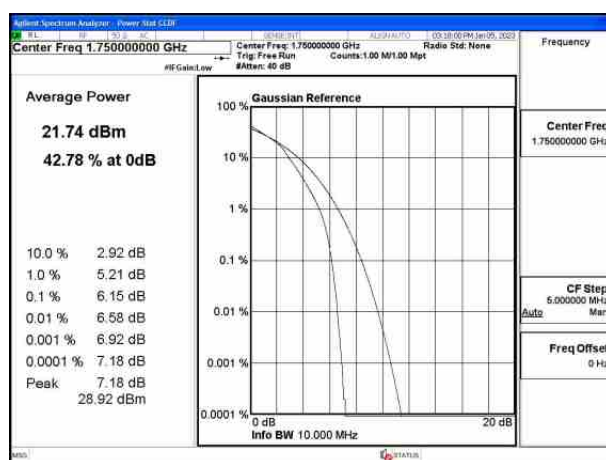


Fig.70

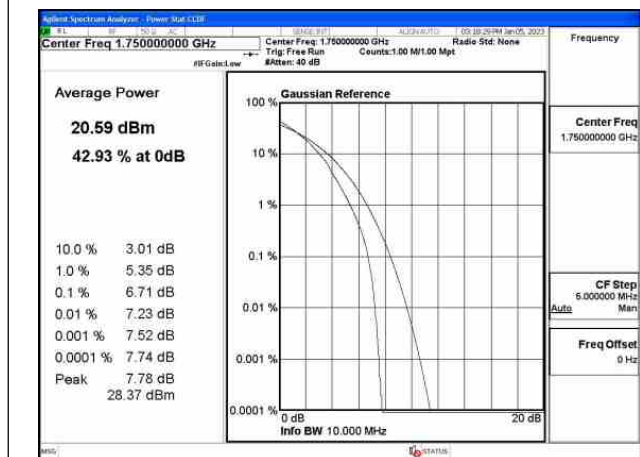


Fig.71

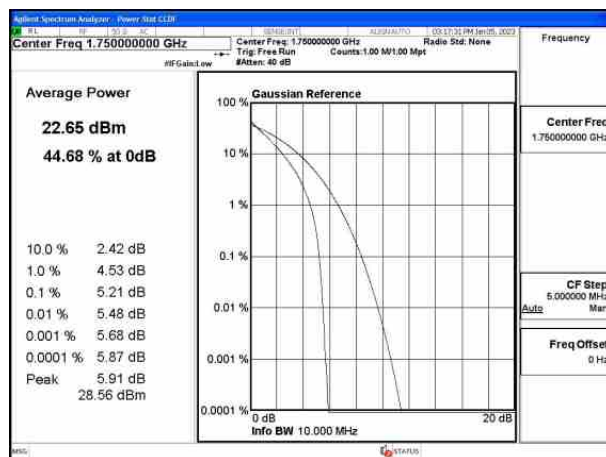


Fig.72

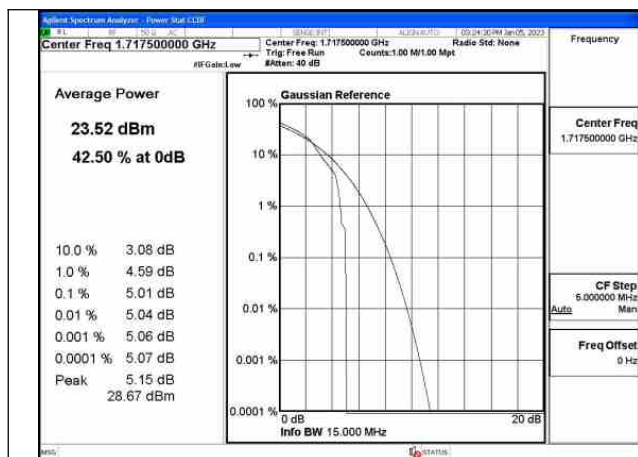


Fig.73

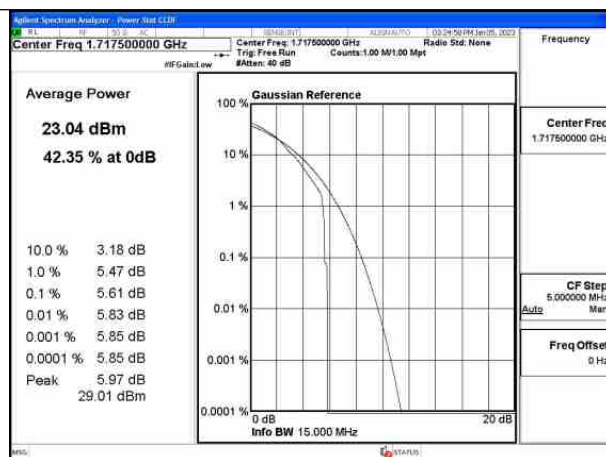


Fig.74

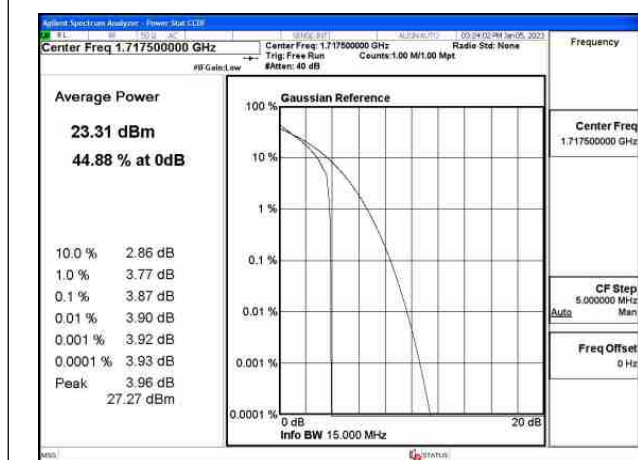


Fig.75

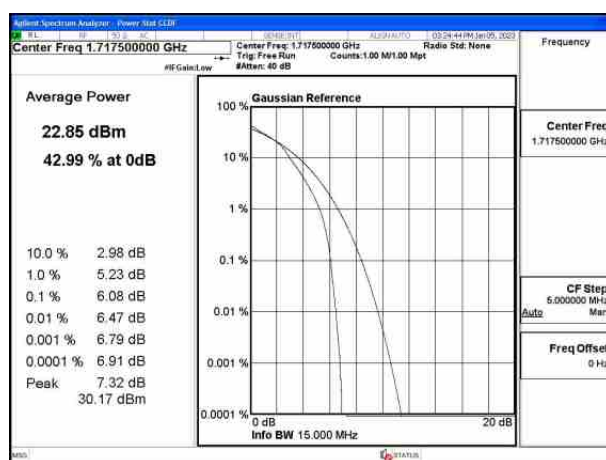


Fig.76

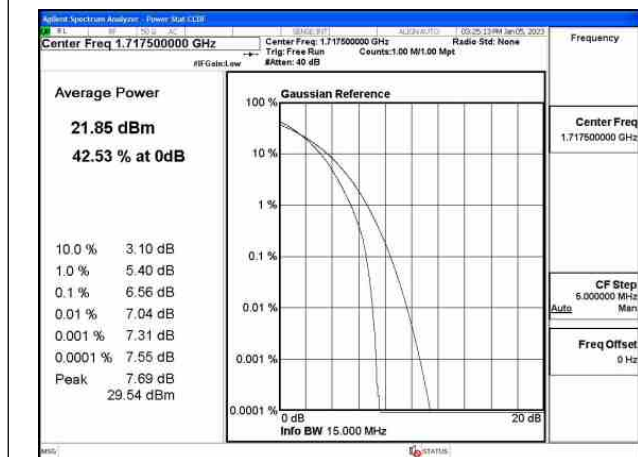


Fig.77

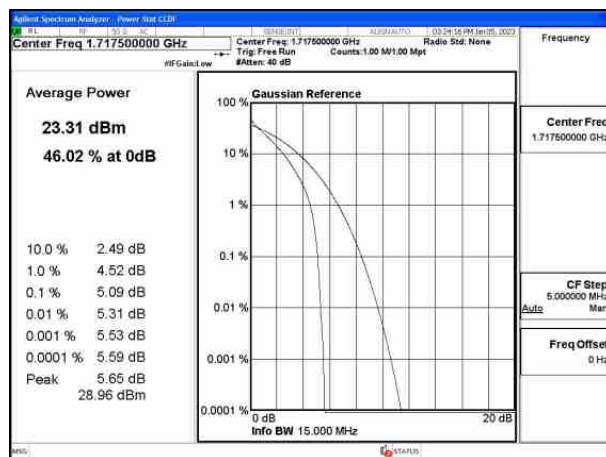


Fig.78

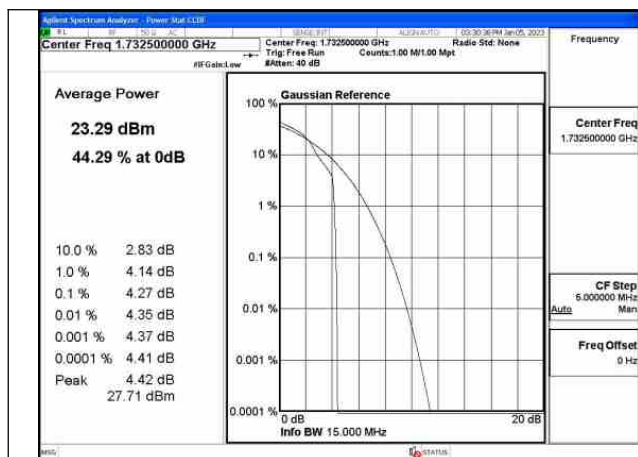


Fig.79

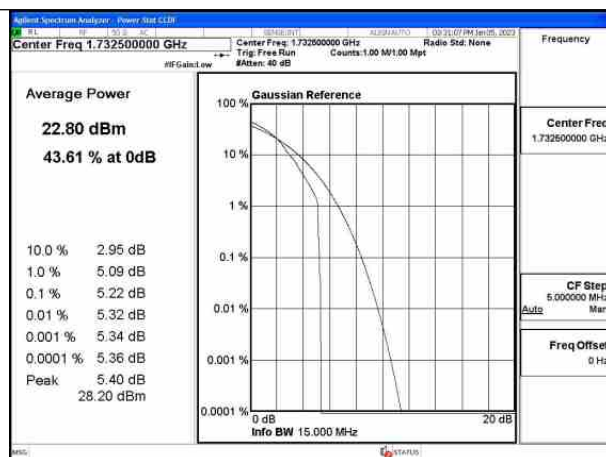


Fig.80

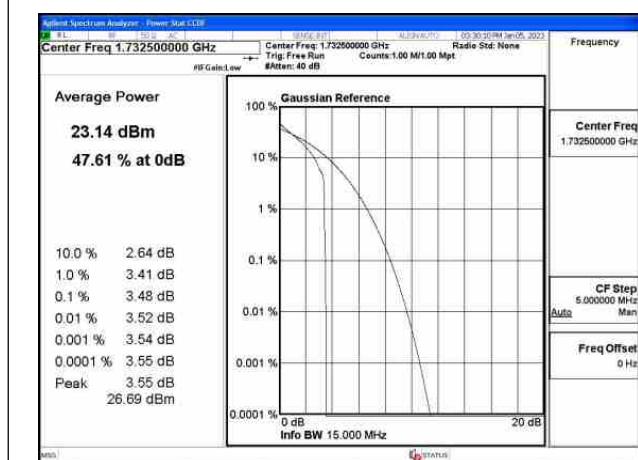


Fig.81

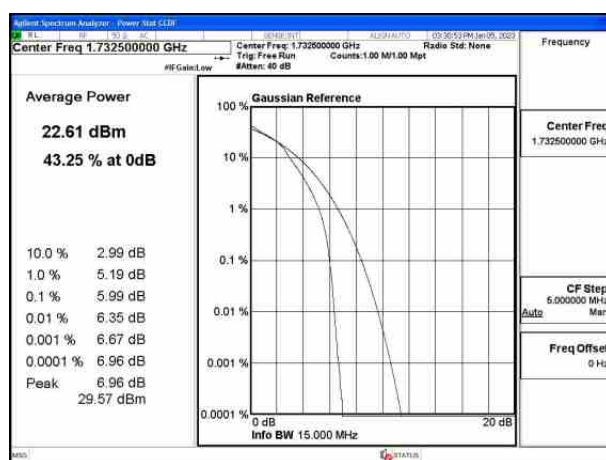


Fig.82

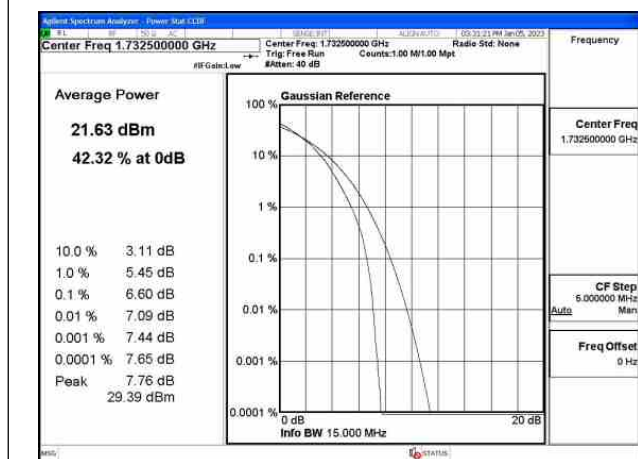


Fig.83

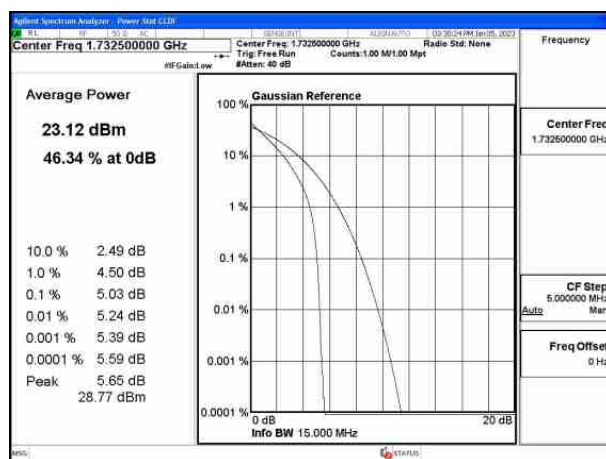


Fig.84

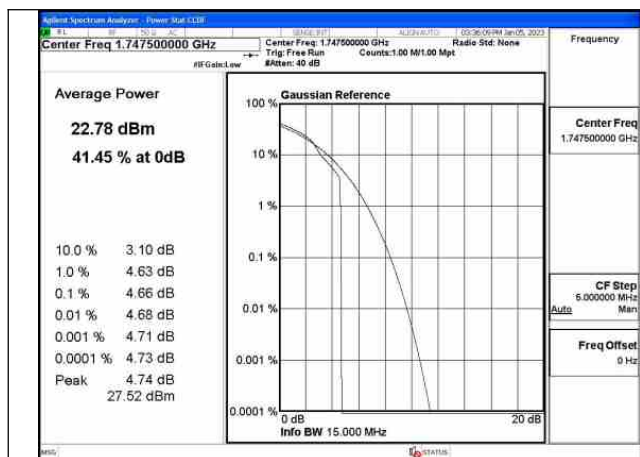


Fig.85

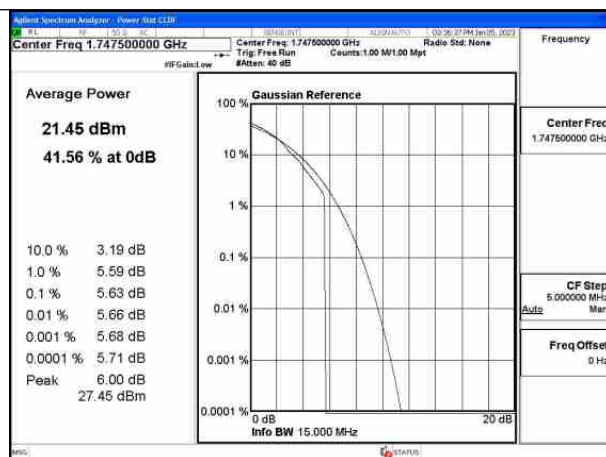


Fig.86

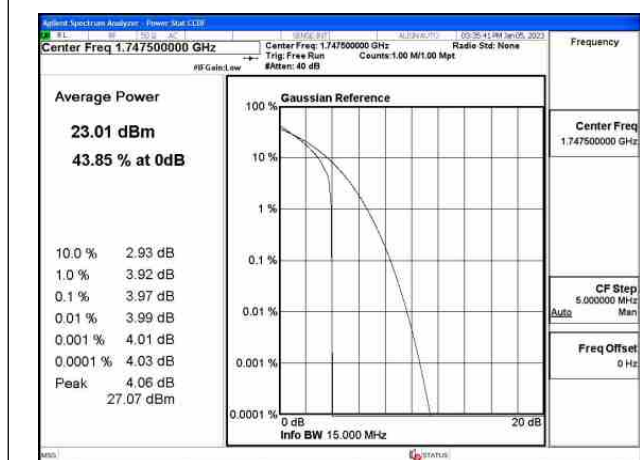


Fig.87

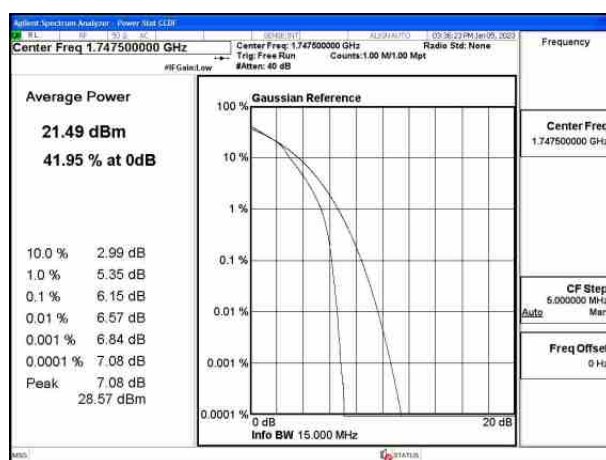


Fig.88

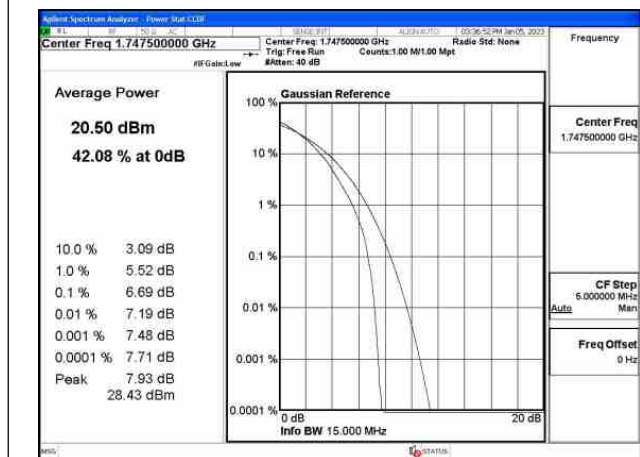


Fig.89

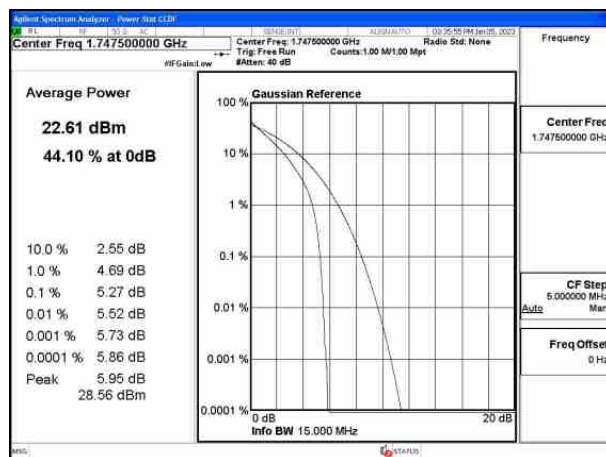


Fig.90

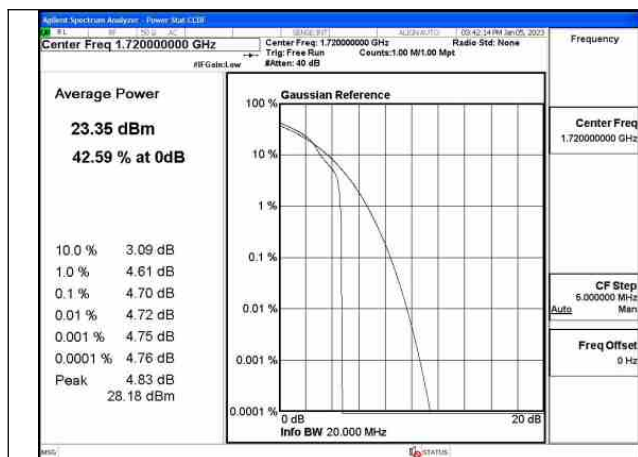


Fig.91

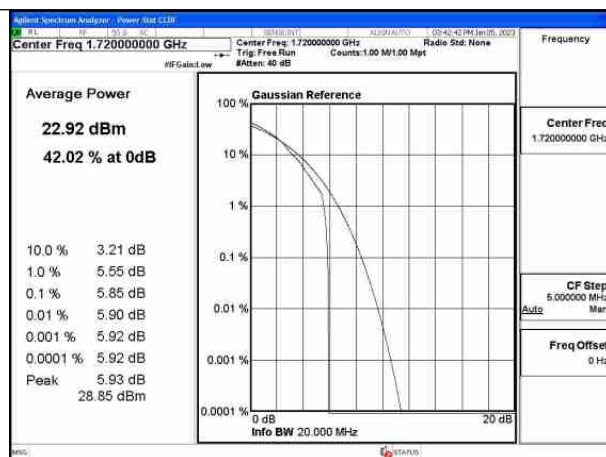


Fig.92

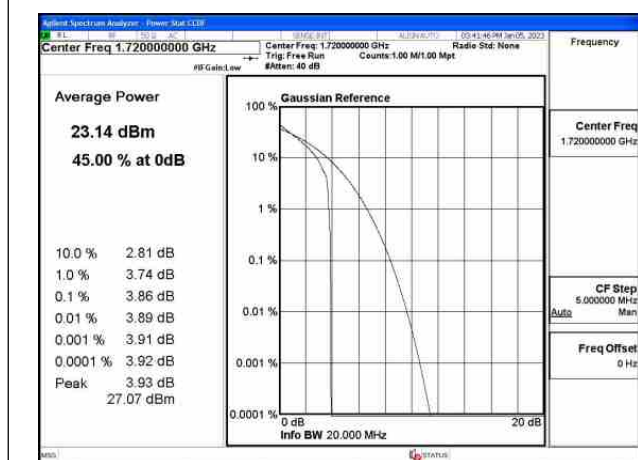


Fig.93

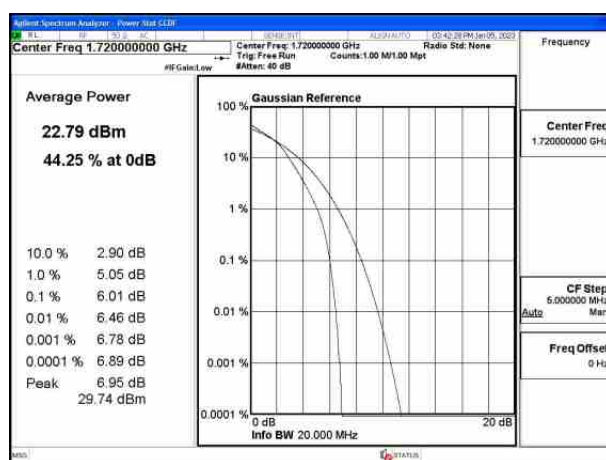


Fig.94

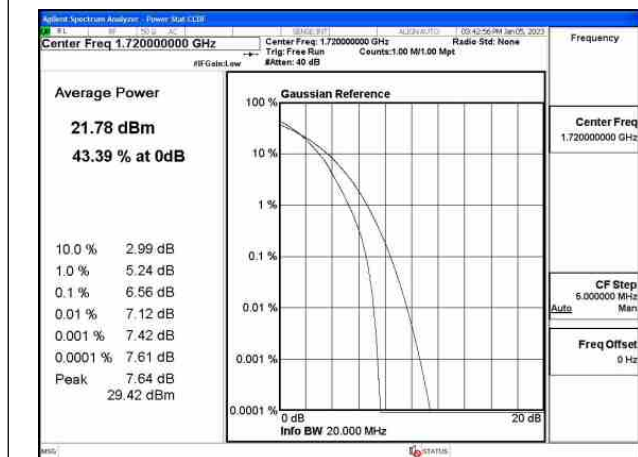


Fig.95

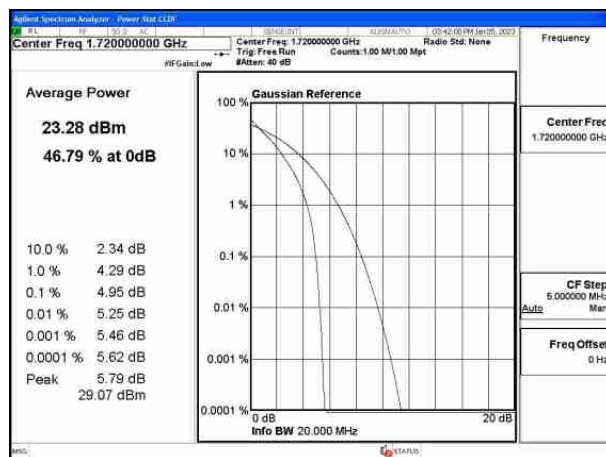


Fig.96

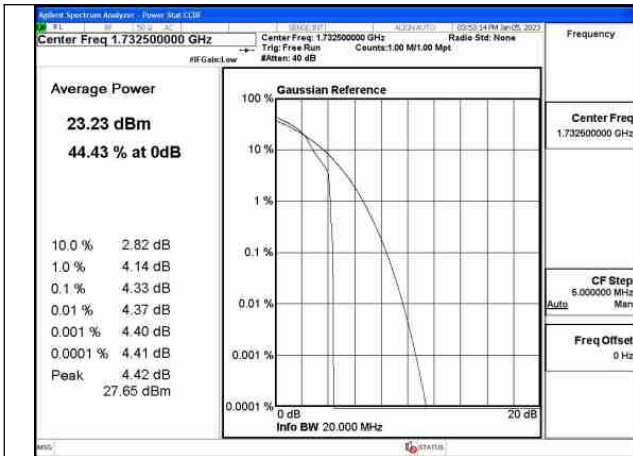


Fig.97

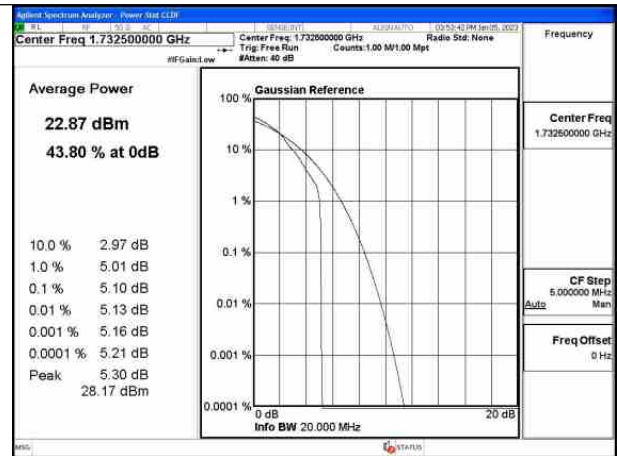


Fig.98

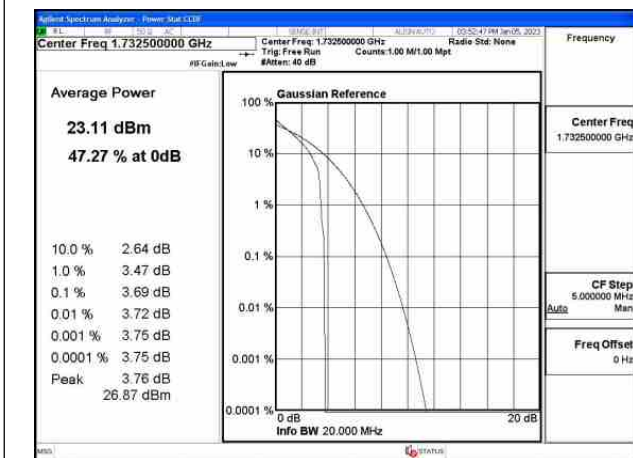


Fig.99

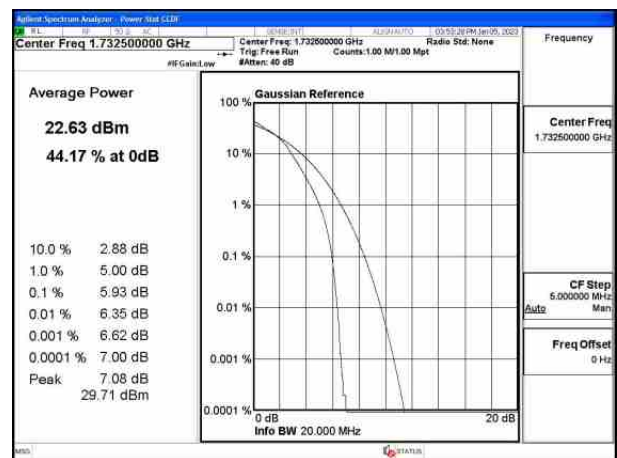


Fig.100

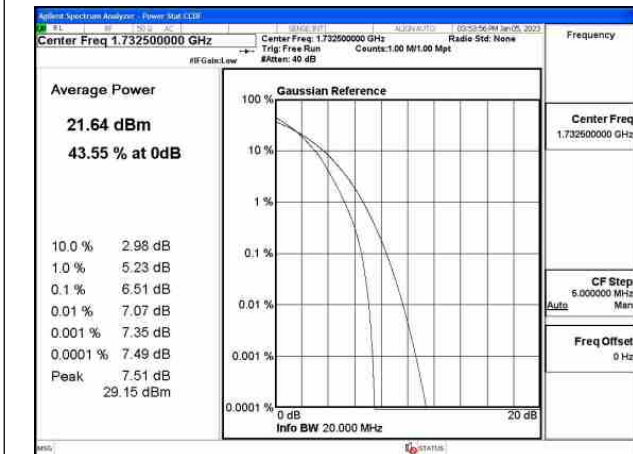


Fig.101

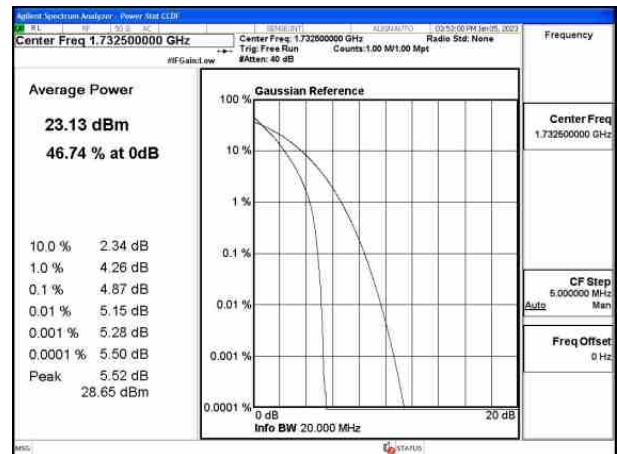


Fig.102

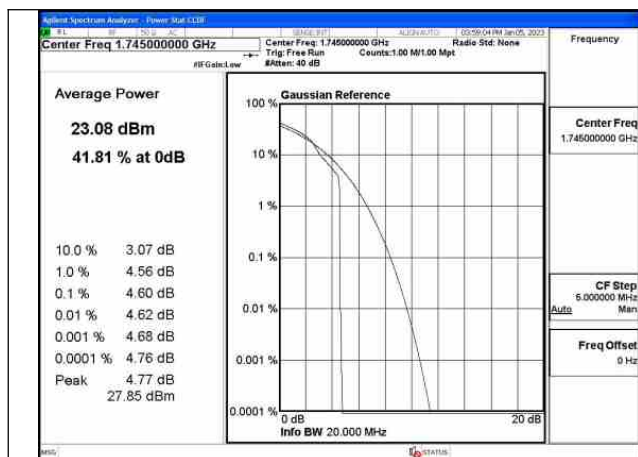


Fig.103

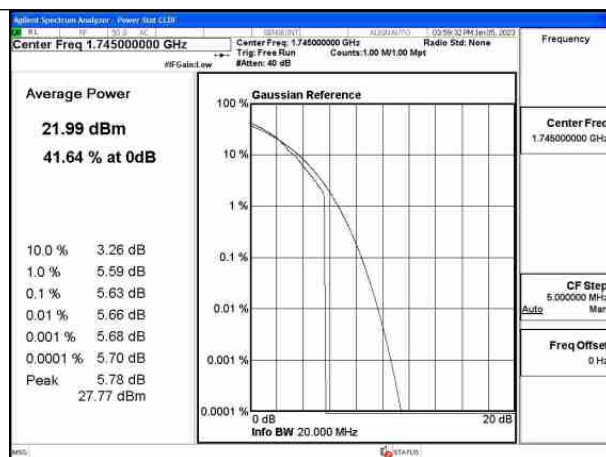


Fig.104

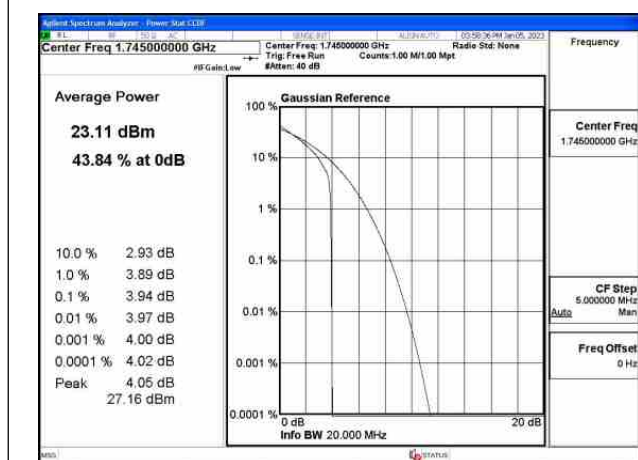


Fig.105

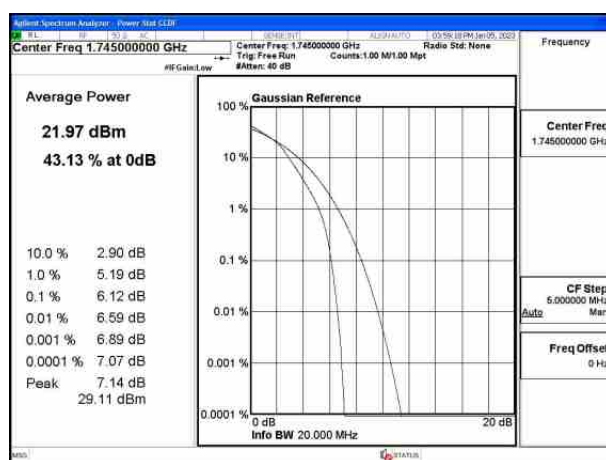


Fig.106

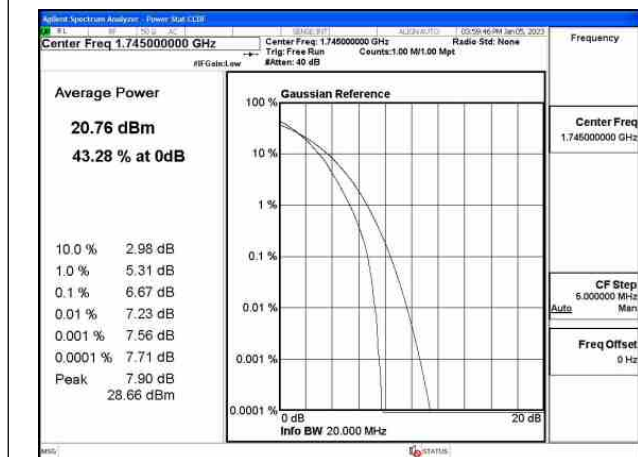


Fig.107

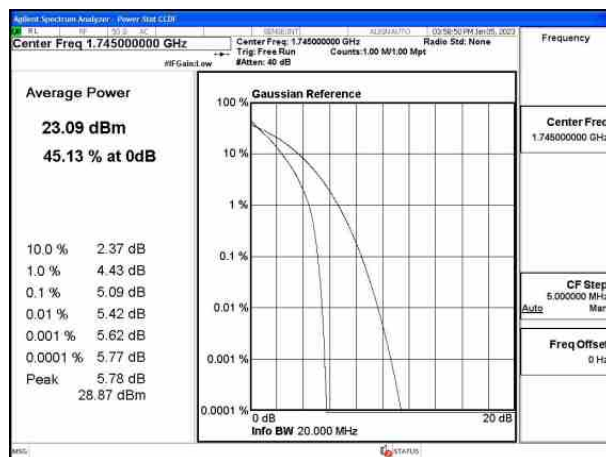


Fig.108

| Band | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | 256-QAM |
|------|-------------------------|---------|----------|---------|-----------|---------|
| 4    | 1710.7                  | 19957   | 1.4      | 1       | 5         | Fig.1   |
| 4    | 1710.7                  | 19957   | 1.4      | 6       | 0         | Fig.2   |
| 4    | 1732.5                  | 20175   | 1.4      | 1       | 5         | Fig.3   |
| 4    | 1732.5                  | 20175   | 1.4      | 6       | 0         | Fig.4   |
| 4    | 1754.3                  | 20393   | 1.4      | 1       | 5         | Fig.5   |
| 4    | 1754.3                  | 20393   | 1.4      | 6       | 0         | Fig.6   |
| 4    | 1711.5                  | 19965   | 3        | 1       | 14        | Fig.7   |
| 4    | 1711.5                  | 19965   | 3        | 15      | 0         | Fig.8   |
| 4    | 1732.5                  | 20175   | 3        | 1       | 14        | Fig.9   |
| 4    | 1732.5                  | 20175   | 3        | 15      | 0         | Fig.10  |
| 4    | 1753.5                  | 20385   | 3        | 1       | 14        | Fig.11  |
| 4    | 1753.5                  | 20385   | 3        | 15      | 0         | Fig.12  |
| 4    | 1712.5                  | 19975   | 5        | 1       | 24        | Fig.13  |
| 4    | 1712.5                  | 19975   | 5        | 25      | 0         | Fig.14  |
| 4    | 1732.5                  | 20175   | 5        | 1       | 24        | Fig.15  |
| 4    | 1732.5                  | 20175   | 5        | 25      | 0         | Fig.16  |
| 4    | 1752.5                  | 20375   | 5        | 1       | 24        | Fig.17  |
| 4    | 1752.5                  | 20375   | 5        | 25      | 0         | Fig.18  |
| 4    | 1715                    | 20000   | 10       | 1       | 49        | Fig.19  |
| 4    | 1715                    | 20000   | 10       | 50      | 0         | Fig.20  |
| 4    | 1732.5                  | 20175   | 10       | 1       | 49        | Fig.21  |
| 4    | 1732.5                  | 20175   | 10       | 50      | 0         | Fig.22  |
| 4    | 1750                    | 20350   | 10       | 1       | 49        | Fig.23  |
| 4    | 1750                    | 20350   | 10       | 50      | 0         | Fig.24  |
| 4    | 1717.5                  | 20025   | 15       | 1       | 74        | Fig.25  |
| 4    | 1717.5                  | 20025   | 15       | 75      | 0         | Fig.26  |
| 4    | 1732.5                  | 20175   | 15       | 1       | 74        | Fig.27  |
| 4    | 1732.5                  | 20175   | 15       | 75      | 0         | Fig.28  |
| 4    | 1747.5                  | 20325   | 15       | 1       | 74        | Fig.29  |
| 4    | 1747.5                  | 20325   | 15       | 75      | 0         | Fig.30  |
| 4    | 1720                    | 20050   | 20       | 1       | 99        | Fig.31  |
| 4    | 1720                    | 20050   | 20       | 100     | 0         | Fig.32  |
| 4    | 1732.5                  | 20175   | 20       | 1       | 99        | Fig.33  |
| 4    | 1732.5                  | 20175   | 20       | 100     | 0         | Fig.34  |
| 4    | 1745                    | 20300   | 20       | 1       | 99        | Fig.35  |
| 4    | 1745                    | 20300   | 20       | 100     | 0         | Fig.36  |

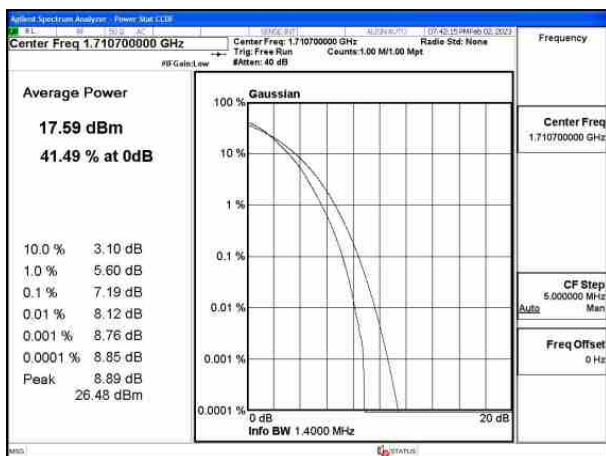


Fig.1

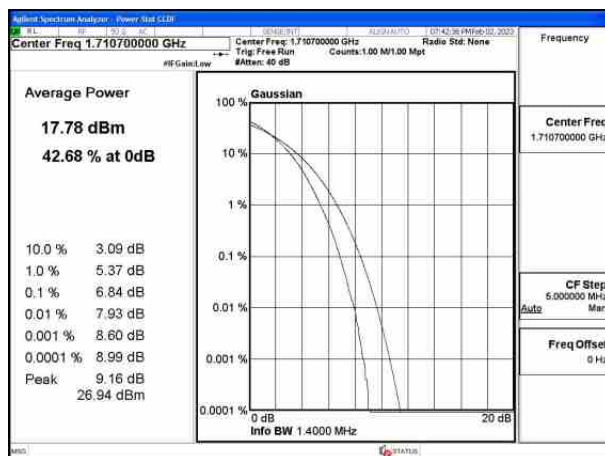


Fig.2

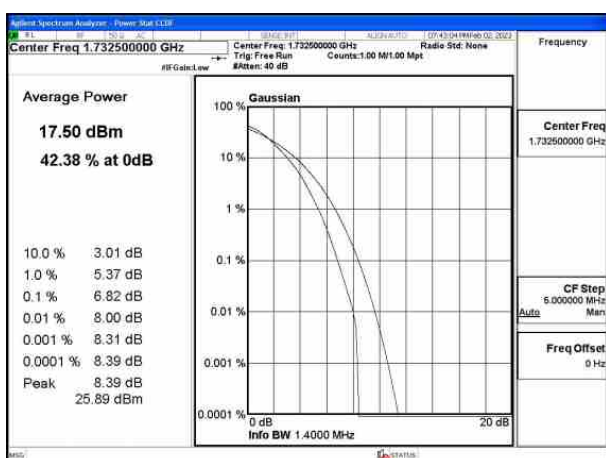


Fig.3

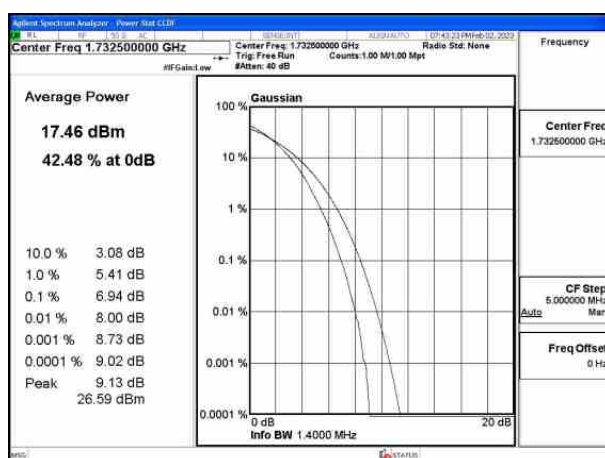


Fig.4

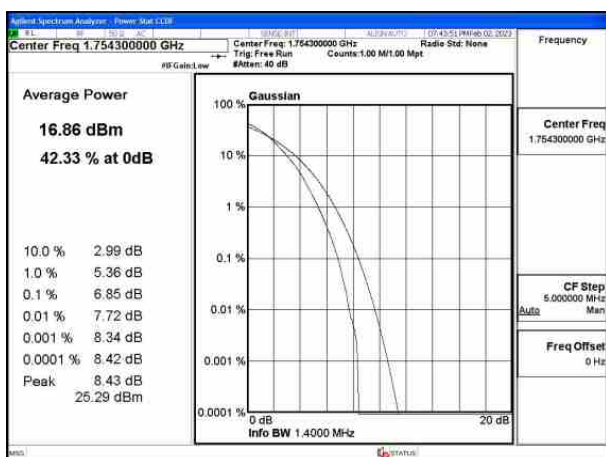


Fig.5

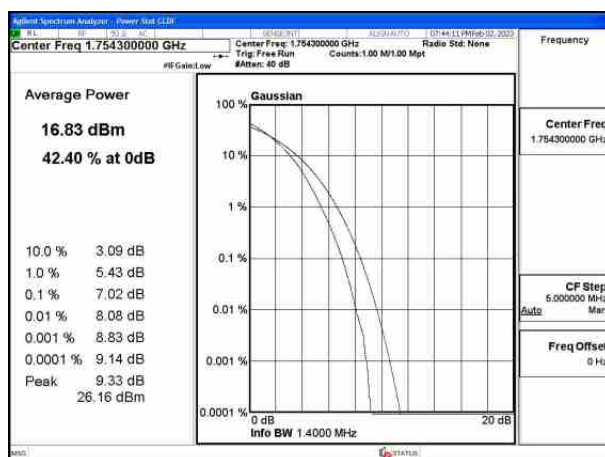


Fig.6

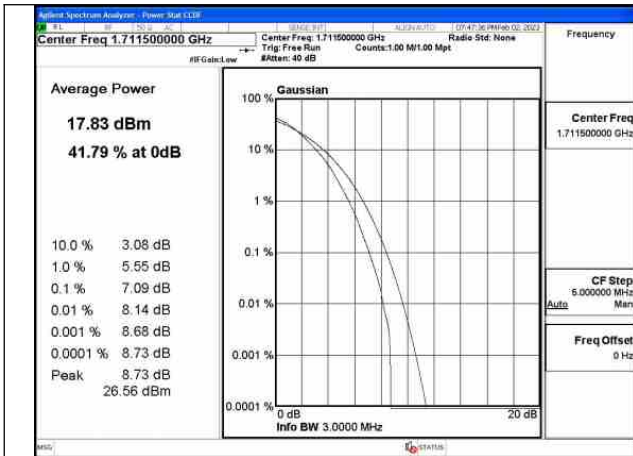


Fig.7

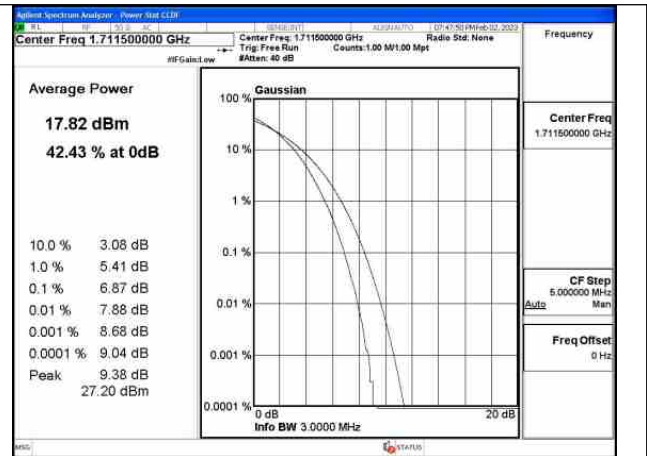


Fig.8

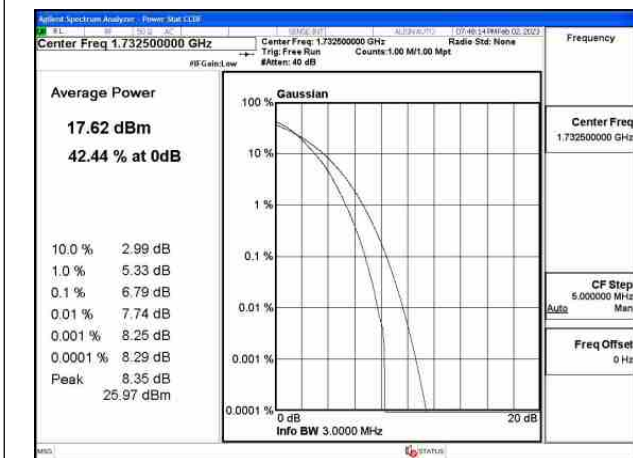


Fig.9

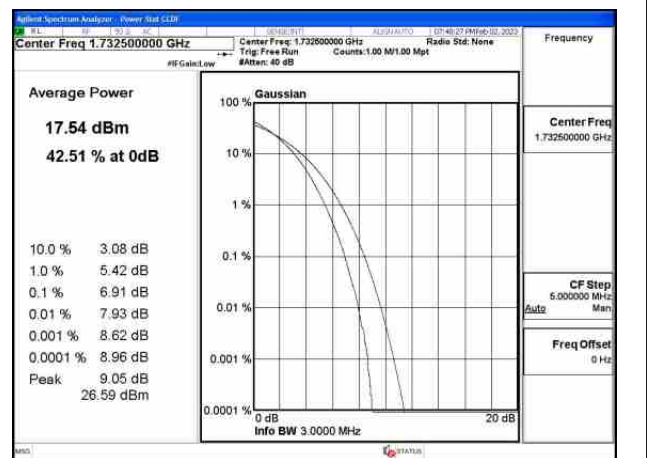


Fig.10

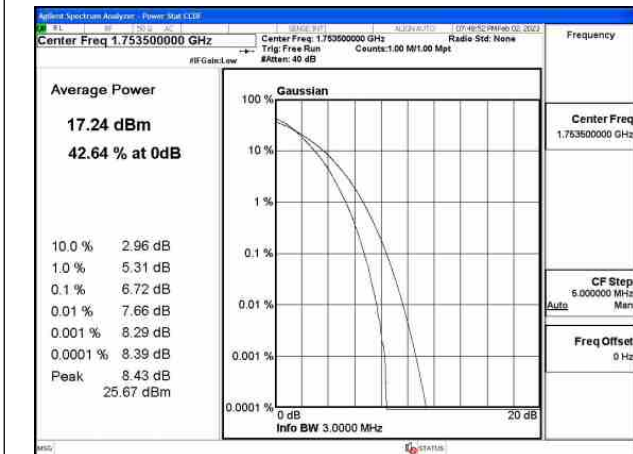


Fig.11

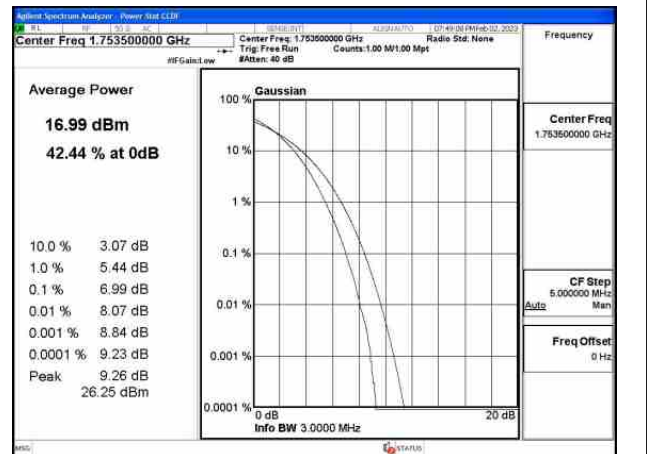


Fig.12

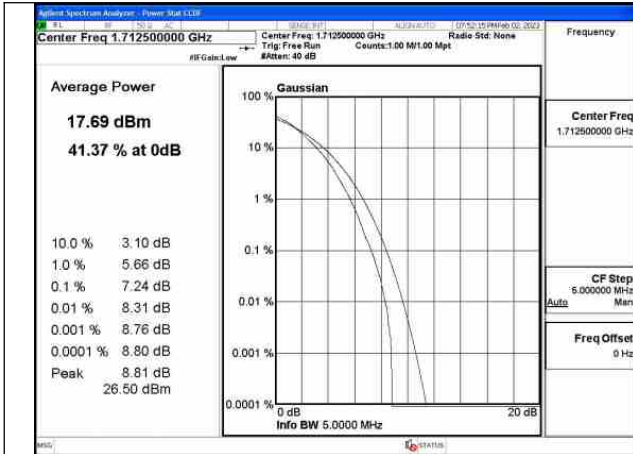


Fig.13

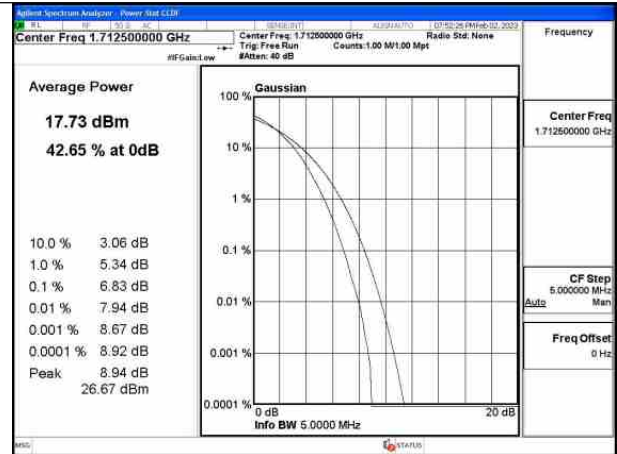


Fig.14

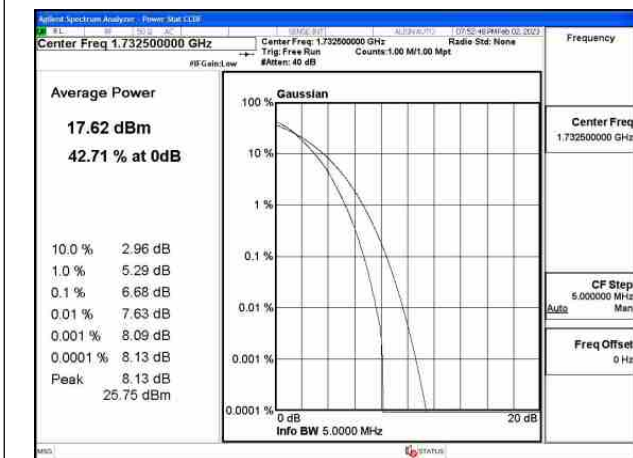


Fig.15

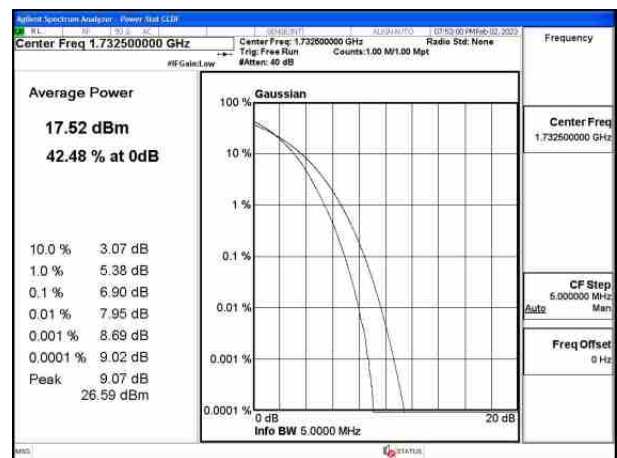


Fig.16

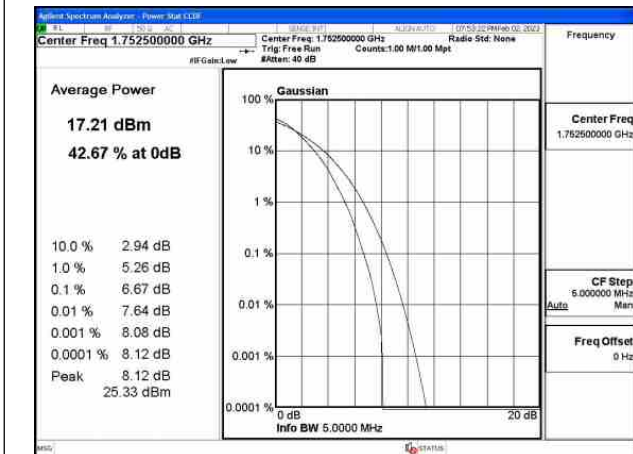


Fig.17

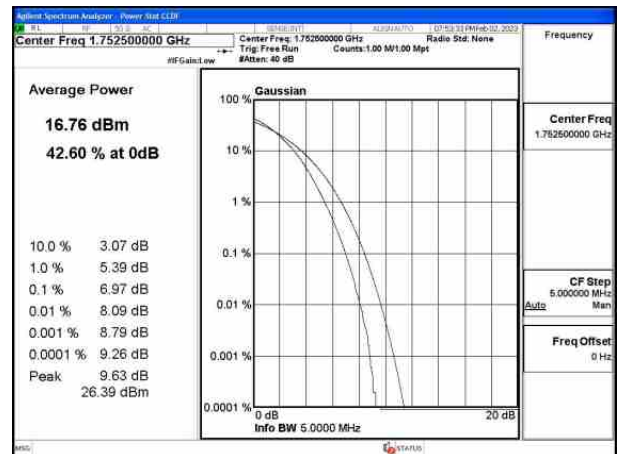


Fig.18

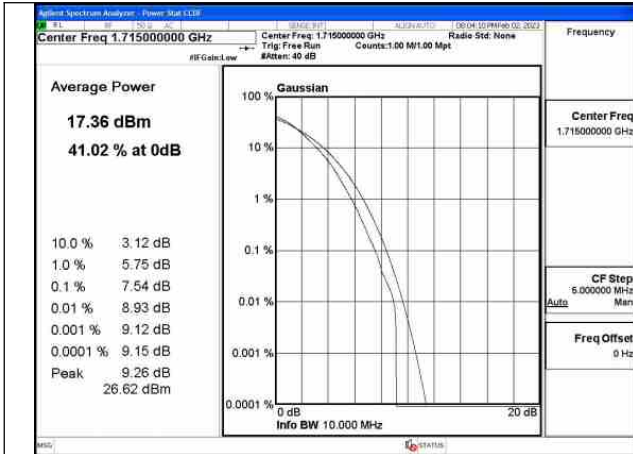


Fig.19

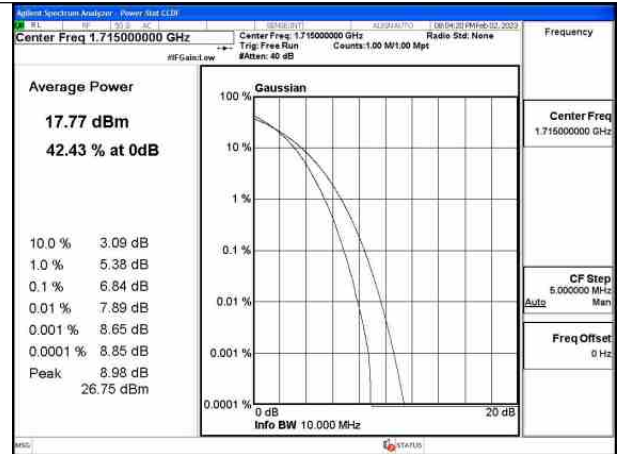


Fig.20

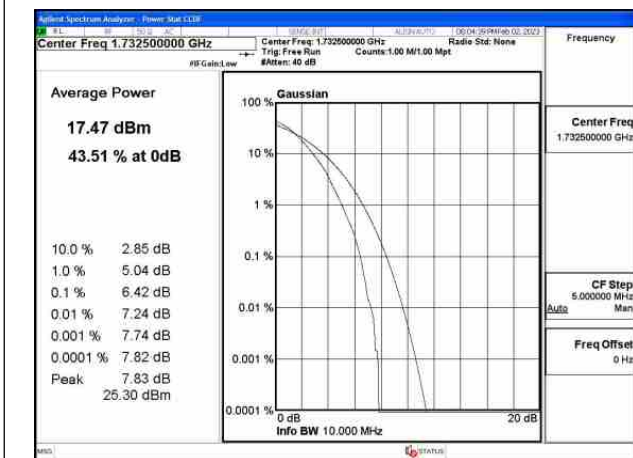


Fig.21

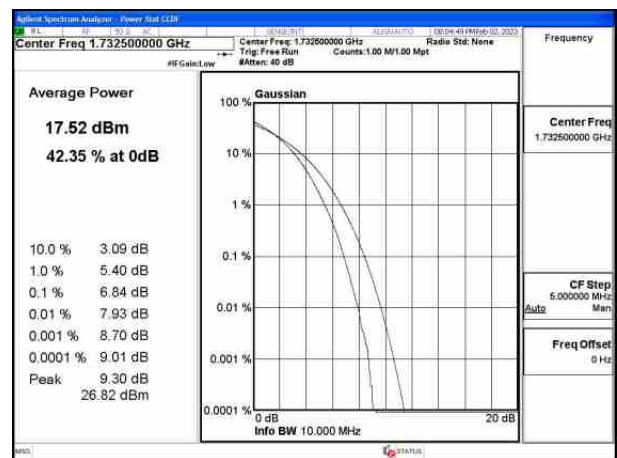


Fig.22

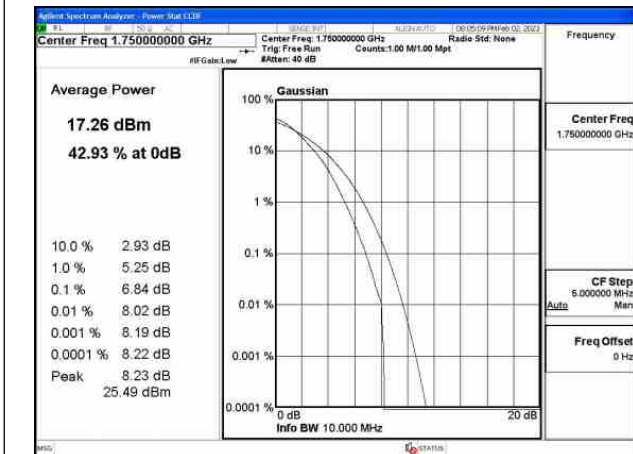


Fig.23

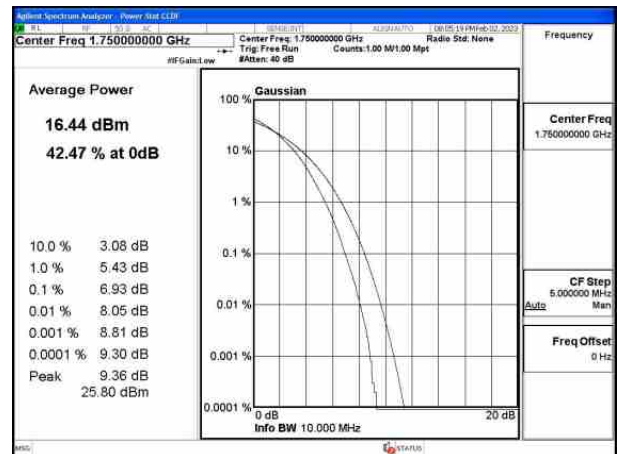


Fig.24

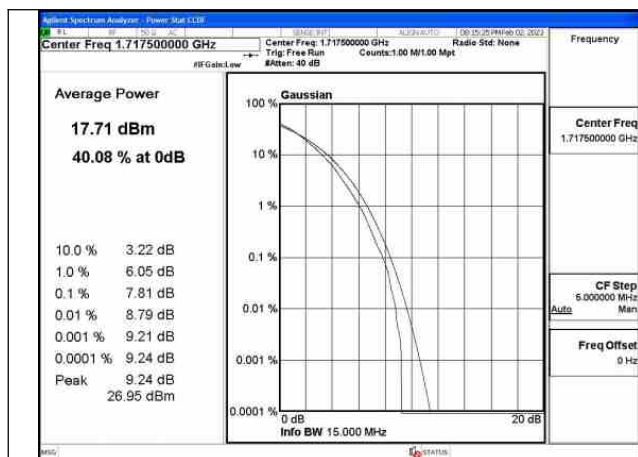


Fig.25

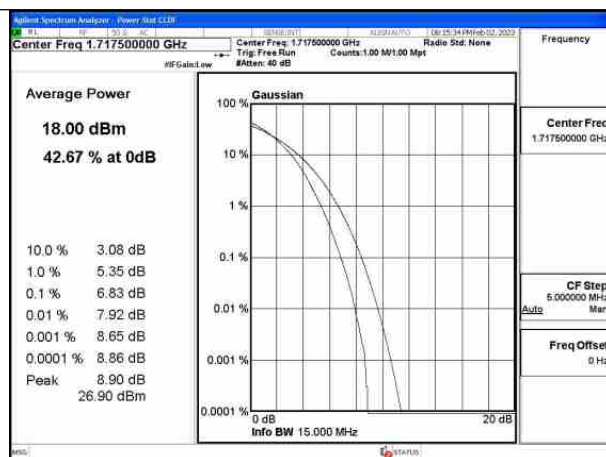


Fig.26

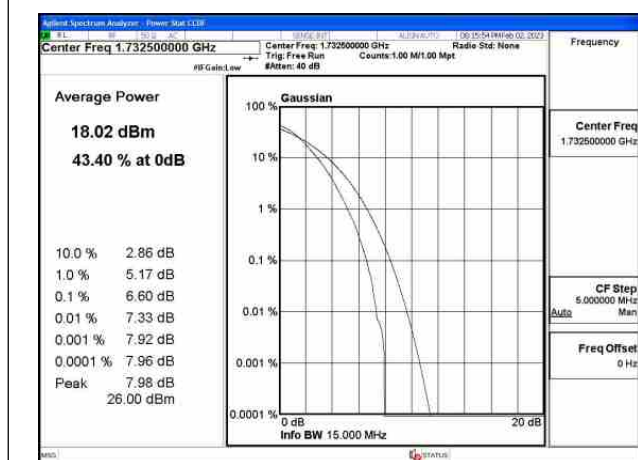


Fig.27

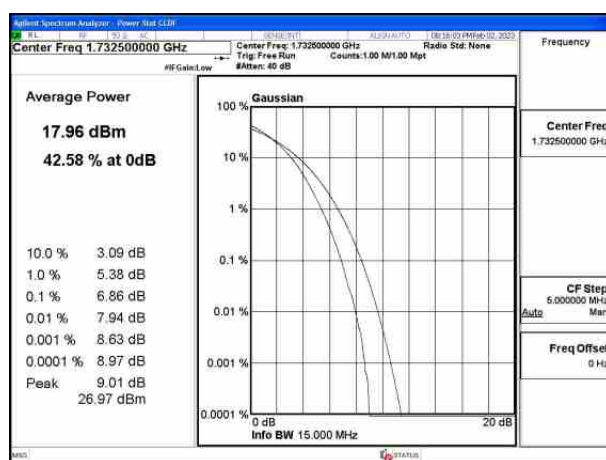


Fig.28

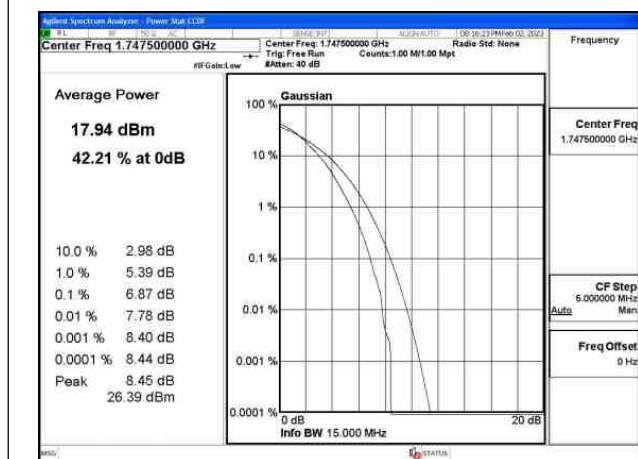


Fig.29

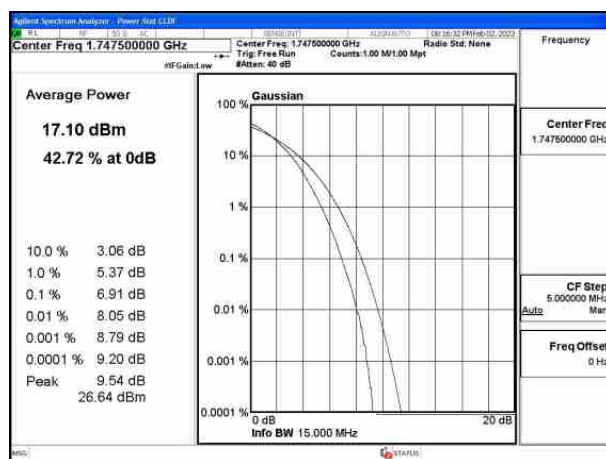


Fig.30

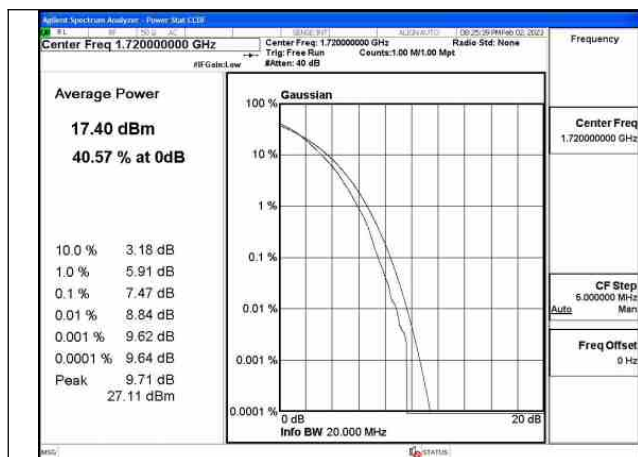


Fig.31

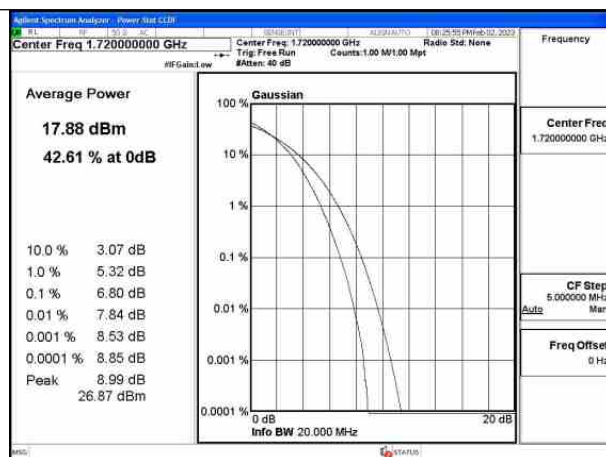


Fig.32

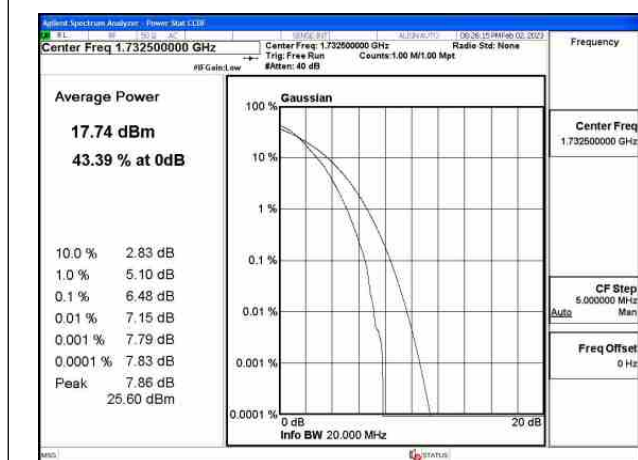


Fig.33

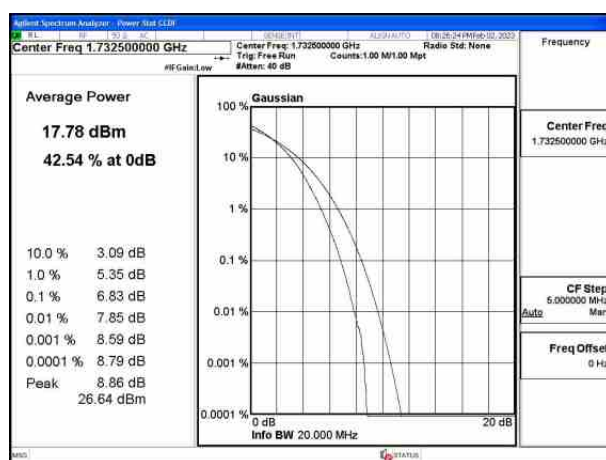


Fig.34

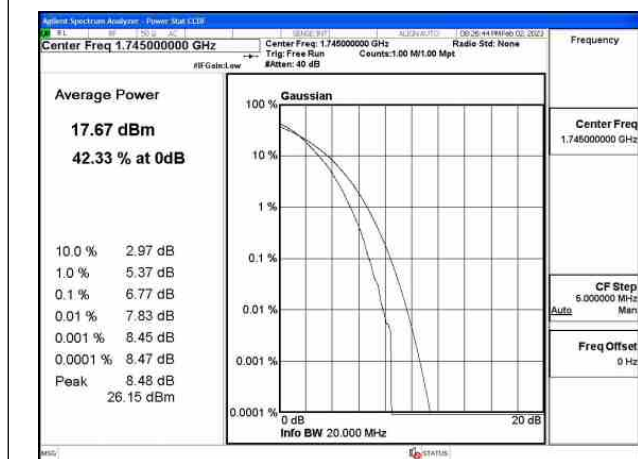


Fig.35

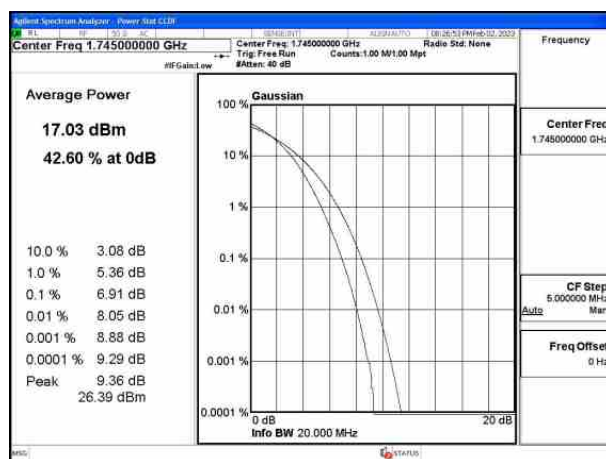


Fig.36

## 5 Spurious Emissions at antenna terminal

| Band | Carrier frequency (MHz) | Channel | BW | RB Size | RB Offset | Conducted Spurious Plot |
|------|-------------------------|---------|----|---------|-----------|-------------------------|
|      |                         |         |    |         |           | QPSK                    |
| 4    | 1720                    | 20050   | 20 | 1       | 0         | Fig.1                   |
| 4    | 1732.5                  | 20175   | 20 | 1       | 0         | Fig.2                   |
| 4    | 1745                    | 20300   | 20 | 1       | 0         | Fig.3                   |

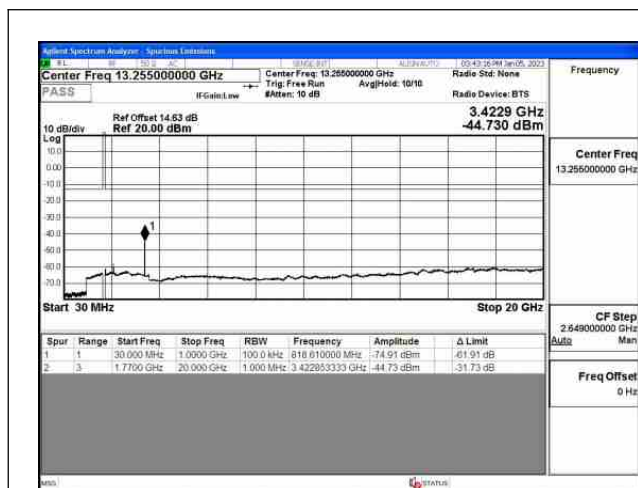


Fig.1

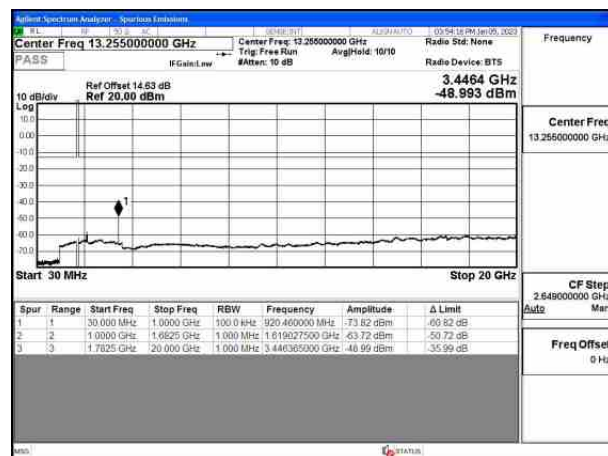


Fig.2

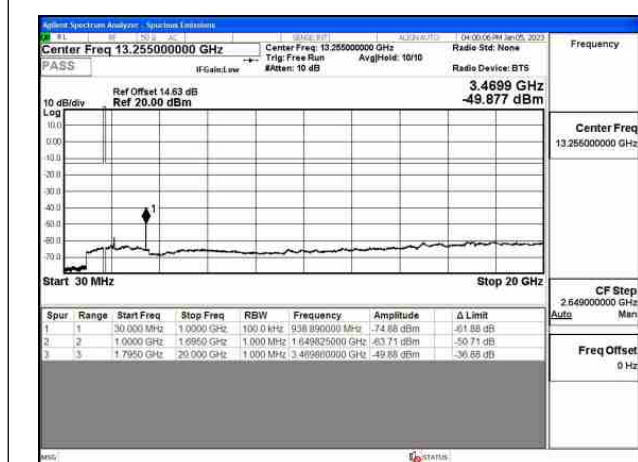


Fig.3

## 6 Band Edges Compliance

| Band | Mode | Carrier frequency (MHz) | Channel | BW  | RB Size | RB Offset | Band Edges Plot |
|------|------|-------------------------|---------|-----|---------|-----------|-----------------|
| 4    | QPSK | 1710.7                  | 19957   | 1.4 | 1       | 0         | Fig.1           |
| 4    | QPSK | 1710.7                  | 19957   | 1.4 | 6       | 0         | Fig.2           |
| 4    | QPSK | 1754.3                  | 20393   | 1.4 | 1       | 5         | Fig.3           |
| 4    | QPSK | 1754.3                  | 20393   | 1.4 | 6       | 0         | Fig.4           |
| 4    | QPSK | 1711.5                  | 19965   | 3   | 1       | 0         | Fig.5           |
| 4    | QPSK | 1711.5                  | 19965   | 3   | 15      | 0         | Fig.6           |
| 4    | QPSK | 1753.5                  | 20385   | 3   | 1       | 14        | Fig.7           |
| 4    | QPSK | 1753.5                  | 20385   | 3   | 15      | 0         | Fig.8           |
| 4    | QPSK | 1712.5                  | 19975   | 5   | 1       | 0         | Fig.9           |
| 4    | QPSK | 1712.5                  | 19975   | 5   | 25      | 0         | Fig.10          |
| 4    | QPSK | 1752.5                  | 20375   | 5   | 1       | 24        | Fig.11          |
| 4    | QPSK | 1752.5                  | 20375   | 5   | 25      | 0         | Fig.12          |
| 4    | QPSK | 1715                    | 20000   | 10  | 1       | 0         | Fig.13          |
| 4    | QPSK | 1715                    | 20000   | 10  | 50      | 0         | Fig.14          |
| 4    | QPSK | 1750                    | 20350   | 10  | 1       | 49        | Fig.15          |
| 4    | QPSK | 1750                    | 20350   | 10  | 50      | 0         | Fig.16          |
| 4    | QPSK | 1717.5                  | 20025   | 15  | 1       | 0         | Fig.17          |
| 4    | QPSK | 1717.5                  | 20025   | 15  | 75      | 0         | Fig.18          |
| 4    | QPSK | 1747.5                  | 20325   | 15  | 1       | 74        | Fig.19          |
| 4    | QPSK | 1747.5                  | 20325   | 15  | 75      | 0         | Fig.20          |
| 4    | QPSK | 1720                    | 20050   | 20  | 1       | 0         | Fig.21          |
| 4    | QPSK | 1720                    | 20050   | 20  | 100     | 0         | Fig.22          |
| 4    | QPSK | 1745                    | 20300   | 20  | 1       | 99        | Fig.23          |
| 4    | QPSK | 1745                    | 20300   | 20  | 100     | 0         | Fig.24          |

Test Mode: QPSK

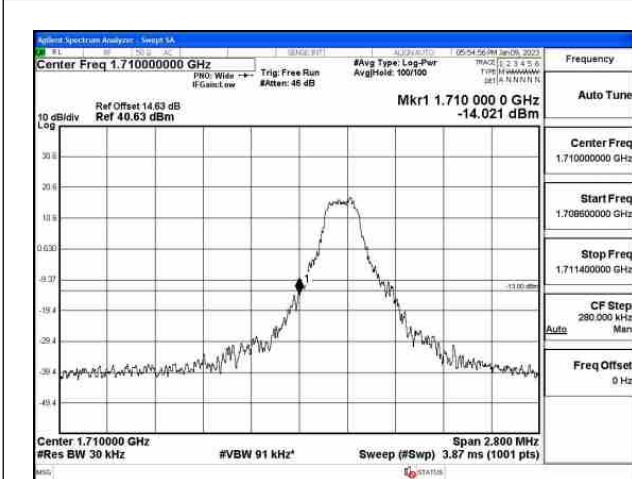


Fig.1

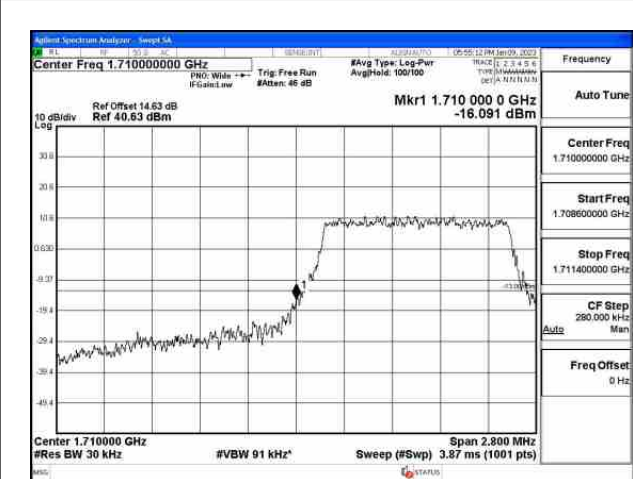


Fig.2

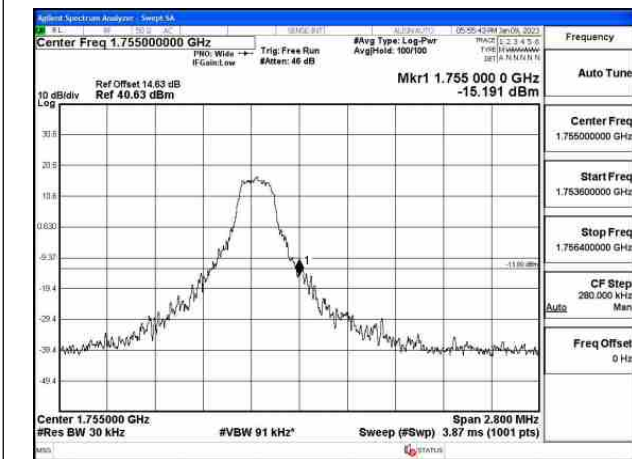


Fig.3



Fig.4

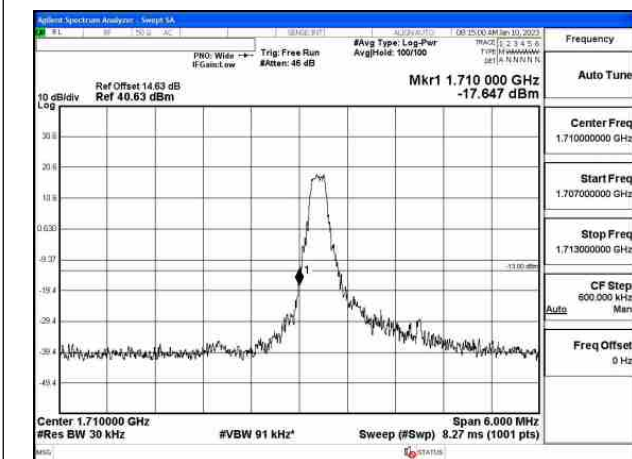


Fig.5

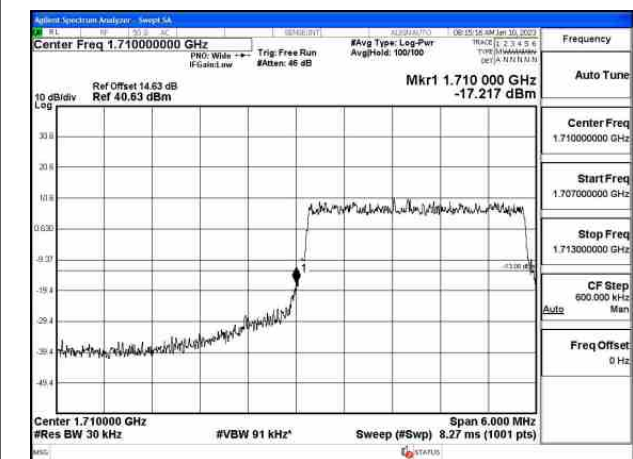


Fig.6

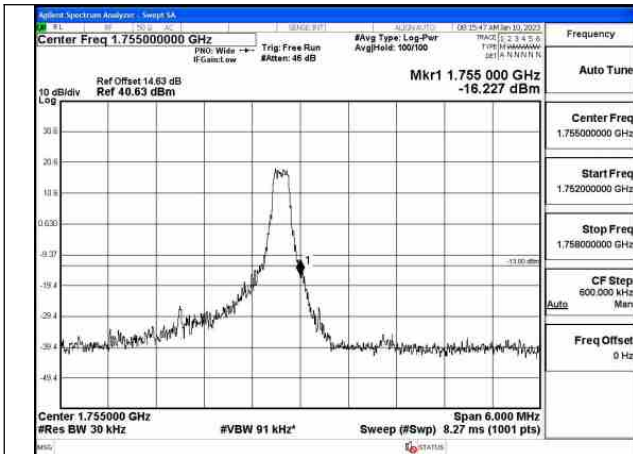


Fig.7

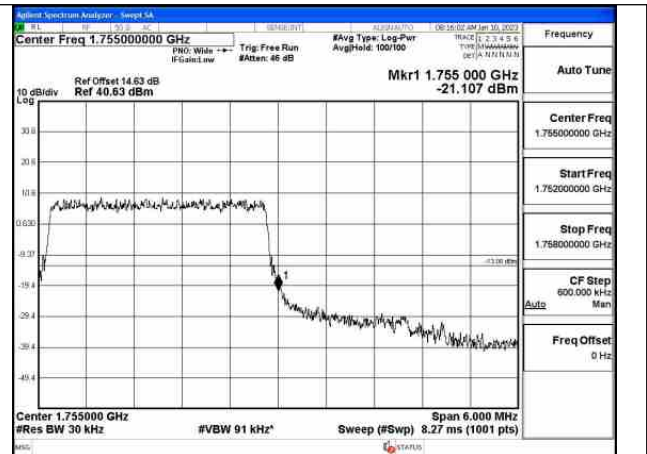


Fig.8

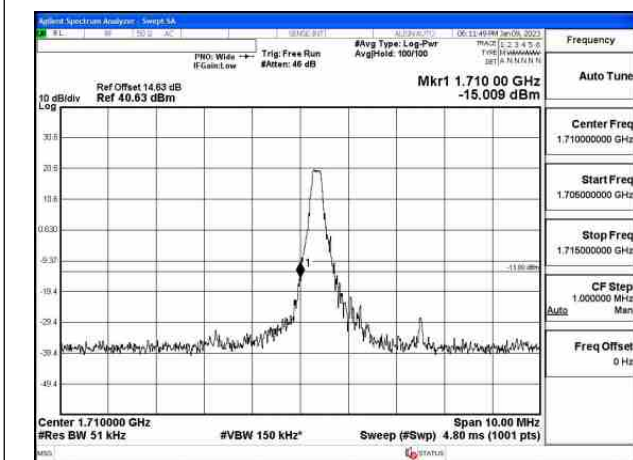


Fig.9

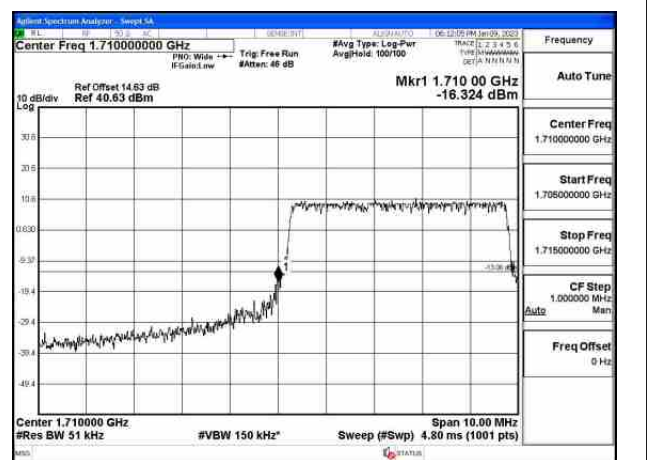


Fig.10

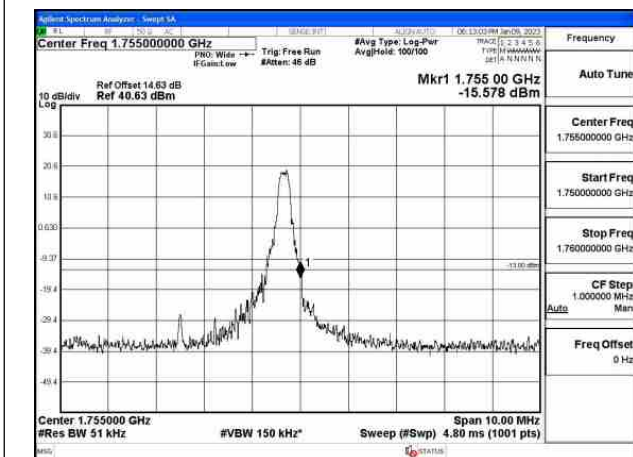


Fig.11

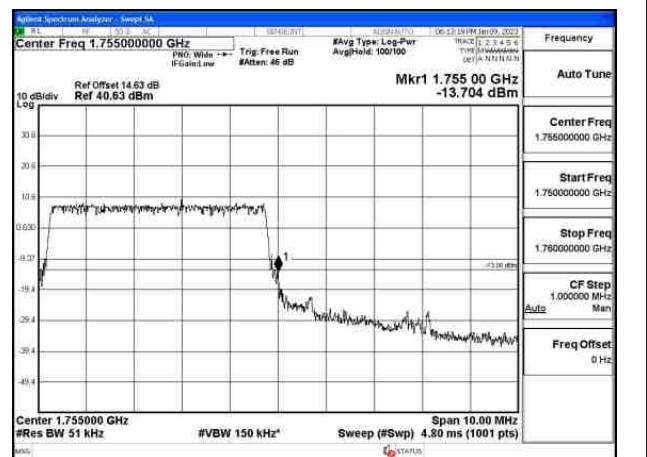


Fig.12

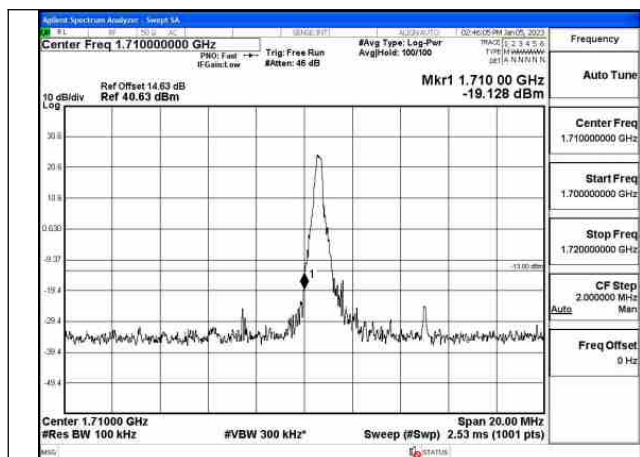


Fig.13

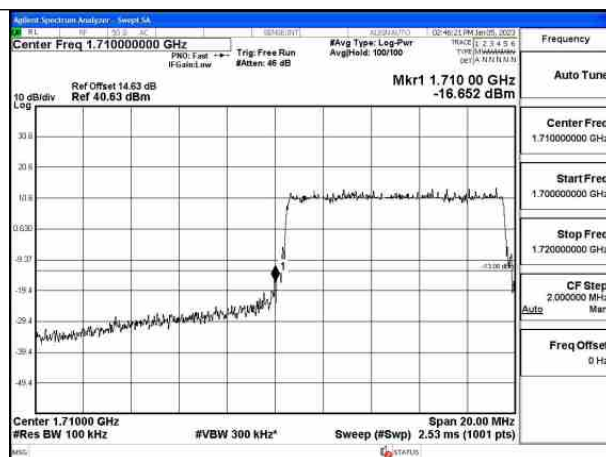


Fig.14

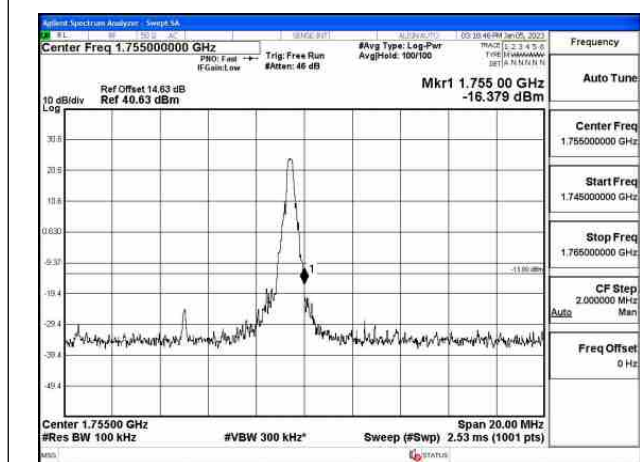


Fig.15

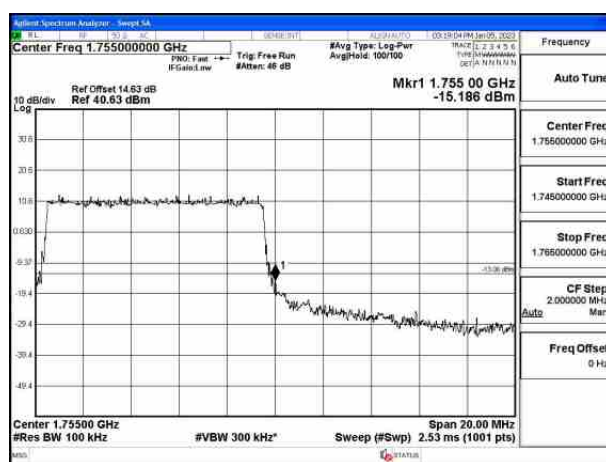


Fig.16

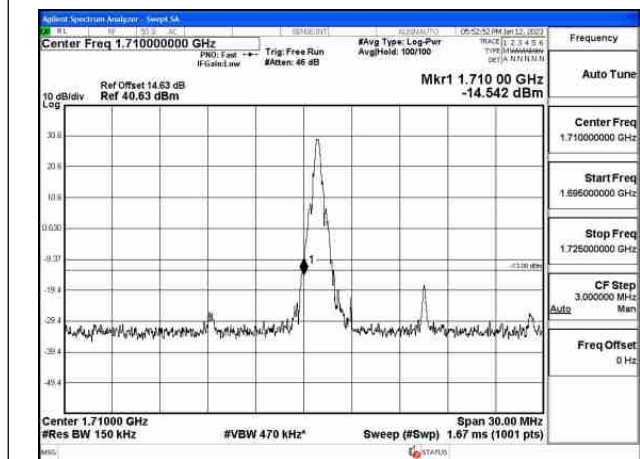


Fig.17

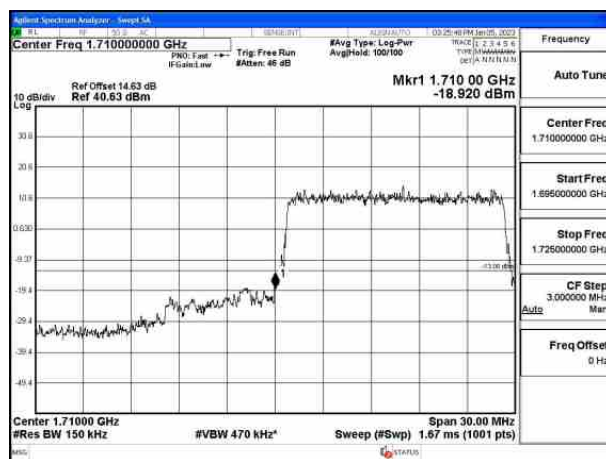


Fig.18

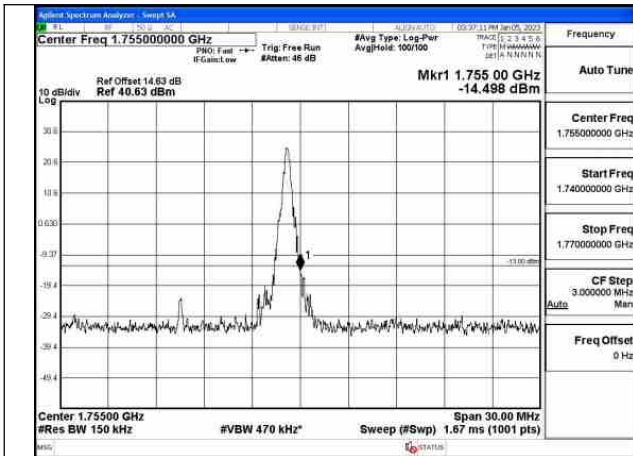


Fig.19

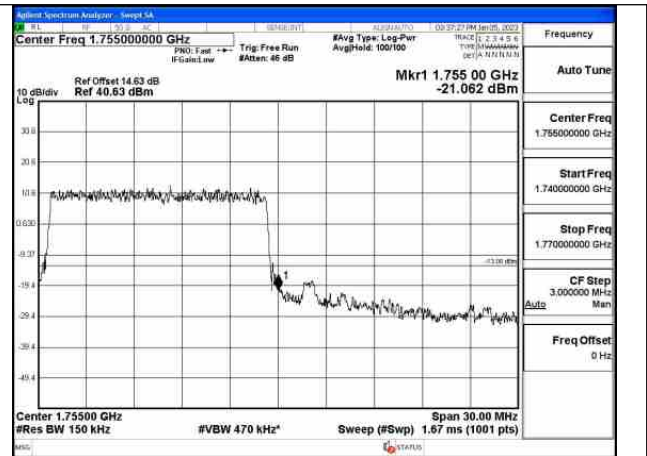


Fig.20

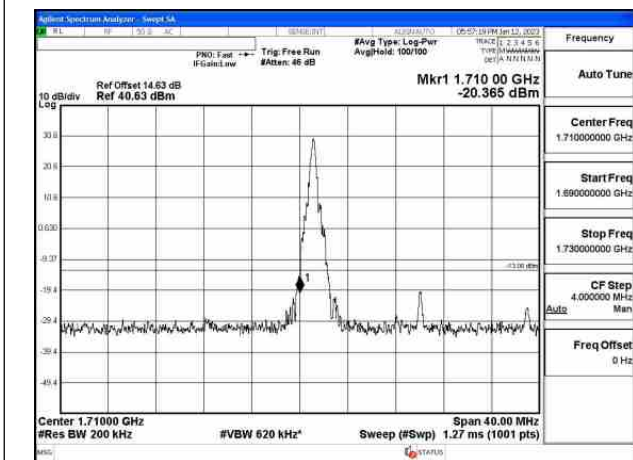


Fig.21

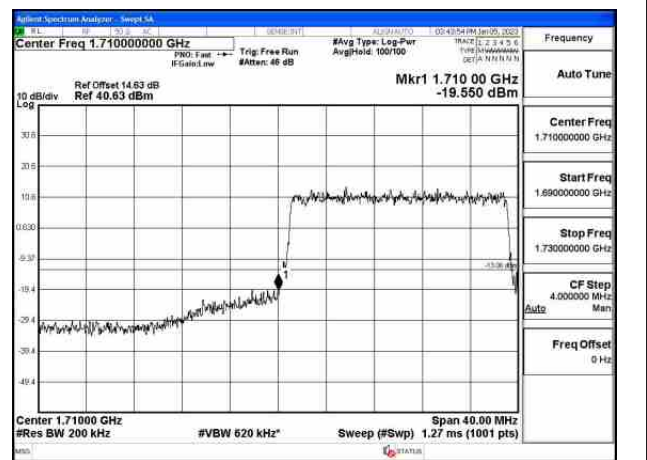


Fig.22

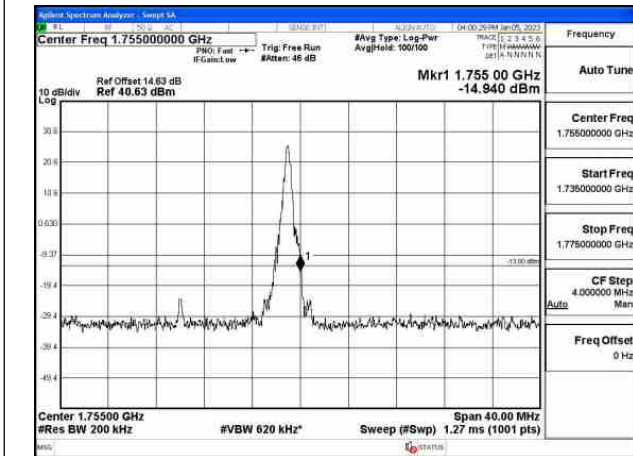


Fig.23

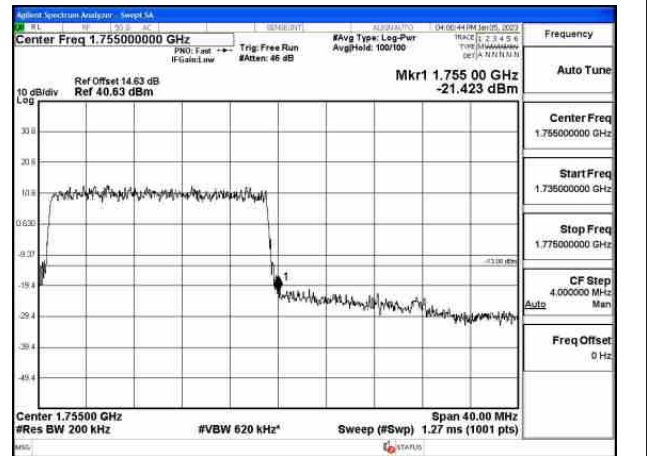


Fig.24

## 7 Frequency Stability

| Temperature(°C) | Voltage | Test Result (ppm) Low Channel QPSK |        |        |        |        |        |
|-----------------|---------|------------------------------------|--------|--------|--------|--------|--------|
|                 |         | 1.4M                               | 3M     | 5M     | 10M    | 15M    | 20M    |
| -10             | NV      | -0.005                             | -0.001 | 0.001  | -0.001 | -0.002 | -0.002 |
| 0               | NV      | 0.003                              | 0.002  | -0.001 | 0.001  | -0.002 | 0.001  |
| +10             | NV      | -0.010                             | -0.002 | 0.001  | 0.002  | -0.002 | -0.001 |
| +20             | NV      | 0.005                              | 0.001  | -0.001 | -0.001 | -0.002 | -0.001 |
| +30             | NV      | -0.003                             | -0.001 | 0.001  | -0.001 | -0.002 | -0.001 |
| +40             | NV      | -0.001                             | -0.001 | -0.001 | 0.001  | -0.002 | -0.002 |
| +50             | NV      | -0.004                             | 0.002  | -0.002 | 0.001  | 0.001  | -0.002 |
| +55             | NV      | 0.001                              | 0.001  | 0.001  | 0.001  | -0.002 | 0.001  |
| +20             | LV      | -0.004                             | -0.001 | 0.001  | -0.001 | 0.001  | 0.001  |
| +20             | HV      | 0.001                              | -0.001 | -0.001 | 0.002  | -0.001 | -0.002 |

| Temperature(°C) | Voltage | Test Result (ppm) High Channel QPSK |        |        |        |        |        |
|-----------------|---------|-------------------------------------|--------|--------|--------|--------|--------|
|                 |         | 1.4M                                | 3M     | 5M     | 10M    | 15M    | 20M    |
| -10             | NV      | -0.009                              | 0.001  | 0.002  | -0.003 | -0.001 | 0.001  |
| 0               | NV      | -0.011                              | 0.001  | 0.001  | -0.001 | -0.002 | -0.002 |
| +10             | NV      | 0.006                               | 0.002  | 0.001  | -0.001 | 0.001  | -0.001 |
| +20             | NV      | -0.004                              | -0.001 | -0.001 | -0.001 | -0.002 | -0.002 |
| +30             | NV      | 0.005                               | 0.002  | 0.001  | 0.001  | -0.002 | -0.001 |
| +40             | NV      | 0.009                               | 0.001  | 0.002  | 0.001  | -0.001 | -0.001 |
| +50             | NV      | 0.007                               | 0.001  | 0.001  | -0.001 | -0.003 | -0.001 |
| +55             | NV      | -0.010                              | -0.001 | 0.001  | 0.002  | -0.003 | 0.001  |
| +20             | LV      | 0.006                               | 0.001  | 0.002  | -0.001 | -0.001 | -0.001 |
| +20             | HV      | 0.002                               | 0.001  | 0.001  | -0.001 | -0.001 | 0.002  |

## 8 Effective Radiated Power and Effective Isotropic Radiated Power

| Modulation | Carrier frequency (MHz) | UL Channel | BW  | RB Size | RB Offset | Conducted power (dBm) | ERP/EIRP (dBm) | ERP/EIRP (W) |
|------------|-------------------------|------------|-----|---------|-----------|-----------------------|----------------|--------------|
| QPSK       | 1710.7                  | 19957      | 1.4 | 1       | 0         | 23.31                 | 22.41          | 0.174        |
| QPSK       | 1710.7                  | 19957      | 1.4 | 1       | 3         | 23.57                 | 22.67          | 0.185        |
| QPSK       | 1710.7                  | 19957      | 1.4 | 1       | 5         | 23.28                 | 22.38          | 0.173        |
| QPSK       | 1710.7                  | 19957      | 1.4 | 3       | 0         | 23.36                 | 22.46          | 0.176        |
| QPSK       | 1710.7                  | 19957      | 1.4 | 3       | 1         | 23.39                 | 22.49          | 0.177        |
| QPSK       | 1710.7                  | 19957      | 1.4 | 3       | 3         | 23.34                 | 22.44          | 0.175        |
| QPSK       | 1710.7                  | 19957      | 1.4 | 6       | 0         | 23.38                 | 22.48          | 0.177        |
| QPSK       | 1732.5                  | 20175      | 1.4 | 1       | 0         | 23.04                 | 22.14          | 0.164        |
| QPSK       | 1732.5                  | 20175      | 1.4 | 1       | 3         | 23.31                 | 22.41          | 0.174        |
| QPSK       | 1732.5                  | 20175      | 1.4 | 1       | 5         | 23.14                 | 22.24          | 0.167        |
| QPSK       | 1732.5                  | 20175      | 1.4 | 3       | 0         | 23.19                 | 22.29          | 0.169        |
| QPSK       | 1732.5                  | 20175      | 1.4 | 3       | 1         | 23.27                 | 22.37          | 0.173        |
| QPSK       | 1732.5                  | 20175      | 1.4 | 3       | 3         | 23.26                 | 22.36          | 0.172        |
| QPSK       | 1732.5                  | 20175      | 1.4 | 6       | 0         | 23.21                 | 22.31          | 0.170        |
| QPSK       | 1754.3                  | 20393      | 1.4 | 1       | 0         | 23.22                 | 22.32          | 0.171        |
| QPSK       | 1754.3                  | 20393      | 1.4 | 1       | 3         | 23.21                 | 22.31          | 0.170        |
| QPSK       | 1754.3                  | 20393      | 1.4 | 1       | 5         | 23.12                 | 22.22          | 0.167        |
| QPSK       | 1754.3                  | 20393      | 1.4 | 3       | 0         | 23.16                 | 22.26          | 0.168        |
| QPSK       | 1754.3                  | 20393      | 1.4 | 3       | 1         | 23.20                 | 22.30          | 0.170        |
| QPSK       | 1754.3                  | 20393      | 1.4 | 3       | 3         | 23.06                 | 22.16          | 0.164        |
| QPSK       | 1754.3                  | 20393      | 1.4 | 6       | 0         | 23.13                 | 22.23          | 0.167        |

| Modulation | Carrier frequency (MHz) | UL Channel | BW  | RB Size | RB Offset | Conducted power (dBm) | ERP/EIRP (dBm) | ERP/EIRP (W) |
|------------|-------------------------|------------|-----|---------|-----------|-----------------------|----------------|--------------|
| 16QAM      | 1710.7                  | 19957      | 1.4 | 1       | 0         | 23.74                 | 22.84          | 0.192        |
| 16QAM      | 1710.7                  | 19957      | 1.4 | 1       | 3         | 23.57                 | 22.67          | 0.185        |
| 16QAM      | 1710.7                  | 19957      | 1.4 | 1       | 5         | 23.75                 | 22.85          | 0.193        |
| 16QAM      | 1710.7                  | 19957      | 1.4 | 3       | 0         | 23.50                 | 22.60          | 0.182        |
| 16QAM      | 1710.7                  | 19957      | 1.4 | 3       | 1         | 23.45                 | 22.55          | 0.180        |
| 16QAM      | 1710.7                  | 19957      | 1.4 | 3       | 3         | 23.33                 | 22.43          | 0.175        |
| 16QAM      | 1710.7                  | 19957      | 1.4 | 6       | 0         | 22.79                 | 21.89          | 0.155        |
| 16QAM      | 1732.5                  | 20175      | 1.4 | 1       | 0         | 23.27                 | 22.37          | 0.173        |
| 16QAM      | 1732.5                  | 20175      | 1.4 | 1       | 3         | 23.35                 | 22.45          | 0.176        |
| 16QAM      | 1732.5                  | 20175      | 1.4 | 1       | 5         | 23.38                 | 22.48          | 0.177        |
| 16QAM      | 1732.5                  | 20175      | 1.4 | 3       | 0         | 23.49                 | 22.59          | 0.182        |
| 16QAM      | 1732.5                  | 20175      | 1.4 | 3       | 1         | 23.26                 | 22.36          | 0.172        |
| 16QAM      | 1732.5                  | 20175      | 1.4 | 3       | 3         | 23.11                 | 22.21          | 0.166        |
| 16QAM      | 1732.5                  | 20175      | 1.4 | 6       | 0         | 22.82                 | 21.92          | 0.156        |
| 16QAM      | 1754.3                  | 20393      | 1.4 | 1       | 0         | 23.29                 | 22.39          | 0.173        |
| 16QAM      | 1754.3                  | 20393      | 1.4 | 1       | 3         | 23.55                 | 22.65          | 0.184        |
| 16QAM      | 1754.3                  | 20393      | 1.4 | 1       | 5         | 23.39                 | 22.49          | 0.177        |
| 16QAM      | 1754.3                  | 20393      | 1.4 | 3       | 0         | 23.11                 | 22.21          | 0.166        |
| 16QAM      | 1754.3                  | 20393      | 1.4 | 3       | 1         | 23.19                 | 22.29          | 0.169        |
| 16QAM      | 1754.3                  | 20393      | 1.4 | 3       | 3         | 23.29                 | 22.39          | 0.173        |
| 16QAM      | 1754.3                  | 20393      | 1.4 | 6       | 0         | 22.45                 | 21.55          | 0.143        |
| 64QAM      | 1710.7                  | 19957      | 1.4 | 1       | 0         | 22.86                 | 21.96          | 0.157        |
| 64QAM      | 1710.7                  | 19957      | 1.4 | 1       | 3         | 23.22                 | 22.32          | 0.171        |
| 64QAM      | 1710.7                  | 19957      | 1.4 | 1       | 5         | 22.95                 | 22.05          | 0.160        |
| 64QAM      | 1710.7                  | 19957      | 1.4 | 3       | 0         | 23.01                 | 22.11          | 0.163        |
| 64QAM      | 1710.7                  | 19957      | 1.4 | 3       | 1         | 22.97                 | 22.07          | 0.161        |
| 64QAM      | 1710.7                  | 19957      | 1.4 | 3       | 3         | 22.76                 | 21.86          | 0.153        |
| 64QAM      | 1710.7                  | 19957      | 1.4 | 6       | 0         | 21.82                 | 20.92          | 0.124        |
| 64QAM      | 1732.5                  | 20175      | 1.4 | 1       | 0         | 22.85                 | 21.95          | 0.157        |
| 64QAM      | 1732.5                  | 20175      | 1.4 | 1       | 3         | 22.68                 | 21.78          | 0.151        |
| 64QAM      | 1732.5                  | 20175      | 1.4 | 1       | 5         | 23.05                 | 22.15          | 0.164        |
| 64QAM      | 1732.5                  | 20175      | 1.4 | 3       | 0         | 22.91                 | 22.01          | 0.159        |
| 64QAM      | 1732.5                  | 20175      | 1.4 | 3       | 1         | 22.96                 | 22.06          | 0.161        |
| 64QAM      | 1732.5                  | 20175      | 1.4 | 3       | 3         | 22.92                 | 22.02          | 0.159        |
| 64QAM      | 1732.5                  | 20175      | 1.4 | 6       | 0         | 21.80                 | 20.90          | 0.123        |
| 64QAM      | 1754.3                  | 20393      | 1.4 | 1       | 0         | 22.51                 | 21.61          | 0.145        |
| 64QAM      | 1754.3                  | 20393      | 1.4 | 1       | 3         | 22.91                 | 22.01          | 0.159        |
| 64QAM      | 1754.3                  | 20393      | 1.4 | 1       | 5         | 22.61                 | 21.71          | 0.148        |
| 64QAM      | 1754.3                  | 20393      | 1.4 | 3       | 0         | 22.63                 | 21.73          | 0.149        |
| 64QAM      | 1754.3                  | 20393      | 1.4 | 3       | 1         | 22.63                 | 21.73          | 0.149        |
| 64QAM      | 1754.3                  | 20393      | 1.4 | 3       | 3         | 22.58                 | 21.68          | 0.147        |
| 64QAM      | 1754.3                  | 20393      | 1.4 | 6       | 0         | 21.43                 | 20.53          | 0.113        |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/EIRP (dBm) | ERP/EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|----------------|--------------|
| QPSK       | 1711.5                  | 19965      | 3  | 1       | 0         | 23.35                 | 22.45          | 0.176        |
| QPSK       | 1711.5                  | 19965      | 3  | 1       | 8         | 23.43                 | 22.53          | 0.179        |
| QPSK       | 1711.5                  | 19965      | 3  | 1       | 14        | 23.43                 | 22.53          | 0.179        |
| QPSK       | 1711.5                  | 19965      | 3  | 8       | 0         | 23.38                 | 22.48          | 0.177        |
| QPSK       | 1711.5                  | 19965      | 3  | 8       | 4         | 23.44                 | 22.54          | 0.179        |
| QPSK       | 1711.5                  | 19965      | 3  | 8       | 7         | 23.35                 | 22.45          | 0.176        |
| QPSK       | 1711.5                  | 19965      | 3  | 15      | 0         | 23.40                 | 22.50          | 0.178        |
| QPSK       | 1732.5                  | 20175      | 3  | 1       | 0         | 23.17                 | 22.27          | 0.169        |
| QPSK       | 1732.5                  | 20175      | 3  | 1       | 8         | 23.17                 | 22.27          | 0.169        |
| QPSK       | 1732.5                  | 20175      | 3  | 1       | 14        | 23.02                 | 22.12          | 0.163        |
| QPSK       | 1732.5                  | 20175      | 3  | 8       | 0         | 23.25                 | 22.35          | 0.172        |
| QPSK       | 1732.5                  | 20175      | 3  | 8       | 4         | 23.24                 | 22.34          | 0.171        |
| QPSK       | 1732.5                  | 20175      | 3  | 8       | 7         | 23.17                 | 22.27          | 0.169        |
| QPSK       | 1732.5                  | 20175      | 3  | 15      | 0         | 23.25                 | 22.35          | 0.172        |
| QPSK       | 1753.5                  | 20385      | 3  | 1       | 0         | 23.06                 | 22.16          | 0.164        |
| QPSK       | 1753.5                  | 20385      | 3  | 1       | 8         | 23.04                 | 22.14          | 0.164        |
| QPSK       | 1753.5                  | 20385      | 3  | 1       | 14        | 22.99                 | 22.09          | 0.162        |
| QPSK       | 1753.5                  | 20385      | 3  | 8       | 0         | 23.08                 | 22.18          | 0.165        |
| QPSK       | 1753.5                  | 20385      | 3  | 8       | 4         | 23.18                 | 22.28          | 0.169        |
| QPSK       | 1753.5                  | 20385      | 3  | 8       | 7         | 23.15                 | 22.25          | 0.168        |
| QPSK       | 1753.5                  | 20385      | 3  | 15      | 0         | 23.04                 | 22.14          | 0.164        |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/EIRP (dBm) | ERP/EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|----------------|--------------|
| 16QAM      | 1711.5                  | 19965      | 3  | 1       | 0         | 23.41                 | 22.51          | 0.178        |
| 16QAM      | 1711.5                  | 19965      | 3  | 1       | 8         | 23.51                 | 22.61          | 0.182        |
| 16QAM      | 1711.5                  | 19965      | 3  | 1       | 14        | 23.36                 | 22.46          | 0.176        |
| 16QAM      | 1711.5                  | 19965      | 3  | 8       | 0         | 22.95                 | 22.05          | 0.160        |
| 16QAM      | 1711.5                  | 19965      | 3  | 8       | 4         | 22.88                 | 21.98          | 0.158        |
| 16QAM      | 1711.5                  | 19965      | 3  | 8       | 7         | 22.78                 | 21.88          | 0.154        |
| 16QAM      | 1711.5                  | 19965      | 3  | 15      | 0         | 22.65                 | 21.75          | 0.150        |
| 16QAM      | 1732.5                  | 20175      | 3  | 1       | 0         | 23.56                 | 22.66          | 0.185        |
| 16QAM      | 1732.5                  | 20175      | 3  | 1       | 8         | 23.35                 | 22.45          | 0.176        |
| 16QAM      | 1732.5                  | 20175      | 3  | 1       | 14        | 23.05                 | 22.15          | 0.164        |
| 16QAM      | 1732.5                  | 20175      | 3  | 8       | 0         | 22.73                 | 21.83          | 0.152        |
| 16QAM      | 1732.5                  | 20175      | 3  | 8       | 4         | 22.72                 | 21.82          | 0.152        |
| 16QAM      | 1732.5                  | 20175      | 3  | 8       | 7         | 22.71                 | 21.81          | 0.152        |
| 16QAM      | 1732.5                  | 20175      | 3  | 15      | 0         | 22.79                 | 21.89          | 0.155        |
| 16QAM      | 1753.5                  | 20385      | 3  | 1       | 0         | 23.29                 | 22.39          | 0.173        |
| 16QAM      | 1753.5                  | 20385      | 3  | 1       | 8         | 22.97                 | 22.07          | 0.161        |
| 16QAM      | 1753.5                  | 20385      | 3  | 1       | 14        | 23.26                 | 22.36          | 0.172        |
| 16QAM      | 1753.5                  | 20385      | 3  | 8       | 0         | 22.30                 | 21.40          | 0.138        |
| 16QAM      | 1753.5                  | 20385      | 3  | 8       | 4         | 22.23                 | 21.33          | 0.136        |
| 16QAM      | 1753.5                  | 20385      | 3  | 8       | 7         | 22.46                 | 21.56          | 0.143        |
| 16QAM      | 1753.5                  | 20385      | 3  | 15      | 0         | 22.12                 | 21.22          | 0.132        |
| 64QAM      | 1711.5                  | 19965      | 3  | 1       | 0         | 22.73                 | 21.83          | 0.152        |
| 64QAM      | 1711.5                  | 19965      | 3  | 1       | 8         | 22.86                 | 21.96          | 0.157        |
| 64QAM      | 1711.5                  | 19965      | 3  | 1       | 14        | 22.74                 | 21.84          | 0.153        |
| 64QAM      | 1711.5                  | 19965      | 3  | 8       | 0         | 21.85                 | 20.95          | 0.124        |
| 64QAM      | 1711.5                  | 19965      | 3  | 8       | 4         | 21.81                 | 20.91          | 0.123        |
| 64QAM      | 1711.5                  | 19965      | 3  | 8       | 7         | 21.77                 | 20.87          | 0.122        |
| 64QAM      | 1711.5                  | 19965      | 3  | 15      | 0         | 21.70                 | 20.80          | 0.120        |
| 64QAM      | 1732.5                  | 20175      | 3  | 1       | 0         | 22.70                 | 21.80          | 0.151        |
| 64QAM      | 1732.5                  | 20175      | 3  | 1       | 8         | 23.10                 | 22.20          | 0.166        |
| 64QAM      | 1732.5                  | 20175      | 3  | 1       | 14        | 22.72                 | 21.82          | 0.152        |
| 64QAM      | 1732.5                  | 20175      | 3  | 8       | 0         | 21.74                 | 20.84          | 0.121        |
| 64QAM      | 1732.5                  | 20175      | 3  | 8       | 4         | 21.77                 | 20.87          | 0.122        |
| 64QAM      | 1732.5                  | 20175      | 3  | 8       | 7         | 21.73                 | 20.83          | 0.121        |
| 64QAM      | 1732.5                  | 20175      | 3  | 15      | 0         | 21.73                 | 20.83          | 0.121        |
| 64QAM      | 1753.5                  | 20385      | 3  | 1       | 0         | 22.29                 | 21.39          | 0.138        |
| 64QAM      | 1753.5                  | 20385      | 3  | 1       | 8         | 22.61                 | 21.71          | 0.148        |
| 64QAM      | 1753.5                  | 20385      | 3  | 1       | 14        | 22.24                 | 21.34          | 0.136        |
| 64QAM      | 1753.5                  | 20385      | 3  | 8       | 0         | 21.23                 | 20.33          | 0.108        |
| 64QAM      | 1753.5                  | 20385      | 3  | 8       | 4         | 21.42                 | 20.52          | 0.113        |
| 64QAM      | 1753.5                  | 20385      | 3  | 8       | 7         | 21.35                 | 20.45          | 0.111        |
| 64QAM      | 1753.5                  | 20385      | 3  | 15      | 0         | 21.31                 | 20.41          | 0.110        |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/EIRP (dBm) | ERP/EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|----------------|--------------|
| QPSK       | 1712.5                  | 19975      | 5  | 1       | 0         | 23.40                 | 22.50          | 0.178        |
| QPSK       | 1712.5                  | 19975      | 5  | 1       | 12        | 23.52                 | 22.62          | 0.183        |
| QPSK       | 1712.5                  | 19975      | 5  | 1       | 24        | 23.32                 | 22.42          | 0.175        |
| QPSK       | 1712.5                  | 19975      | 5  | 12      | 0         | 23.40                 | 22.50          | 0.178        |
| QPSK       | 1712.5                  | 19975      | 5  | 12      | 7         | 23.47                 | 22.57          | 0.181        |
| QPSK       | 1712.5                  | 19975      | 5  | 12      | 13        | 23.39                 | 22.49          | 0.177        |
| QPSK       | 1712.5                  | 19975      | 5  | 25      | 0         | 23.42                 | 22.52          | 0.179        |
| QPSK       | 1732.5                  | 20175      | 5  | 1       | 0         | 23.28                 | 22.38          | 0.173        |
| QPSK       | 1732.5                  | 20175      | 5  | 1       | 12        | 23.36                 | 22.46          | 0.176        |
| QPSK       | 1732.5                  | 20175      | 5  | 1       | 24        | 23.12                 | 22.22          | 0.167        |
| QPSK       | 1732.5                  | 20175      | 5  | 12      | 0         | 23.16                 | 22.26          | 0.168        |
| QPSK       | 1732.5                  | 20175      | 5  | 12      | 7         | 23.25                 | 22.35          | 0.172        |
| QPSK       | 1732.5                  | 20175      | 5  | 12      | 13        | 23.25                 | 22.35          | 0.172        |
| QPSK       | 1732.5                  | 20175      | 5  | 25      | 0         | 23.12                 | 22.22          | 0.167        |
| QPSK       | 1752.5                  | 20375      | 5  | 1       | 0         | 23.14                 | 22.24          | 0.167        |
| QPSK       | 1752.5                  | 20375      | 5  | 1       | 12        | 23.31                 | 22.41          | 0.174        |
| QPSK       | 1752.5                  | 20375      | 5  | 1       | 24        | 23.17                 | 22.27          | 0.169        |
| QPSK       | 1752.5                  | 20375      | 5  | 12      | 0         | 22.60                 | 21.70          | 0.148        |
| QPSK       | 1752.5                  | 20375      | 5  | 12      | 7         | 22.94                 | 22.04          | 0.160        |
| QPSK       | 1752.5                  | 20375      | 5  | 12      | 13        | 23.20                 | 22.30          | 0.170        |
| QPSK       | 1752.5                  | 20375      | 5  | 25      | 0         | 22.79                 | 21.89          | 0.155        |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/EIRP (dBm) | ERP/EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|----------------|--------------|
| 16QAM      | 1712.5                  | 19975      | 5  | 1       | 0         | 23.52                 | 22.62          | 0.183        |
| 16QAM      | 1712.5                  | 19975      | 5  | 1       | 12        | 23.43                 | 22.53          | 0.179        |
| 16QAM      | 1712.5                  | 19975      | 5  | 1       | 24        | 23.27                 | 22.37          | 0.173        |
| 16QAM      | 1712.5                  | 19975      | 5  | 12      | 0         | 22.71                 | 21.81          | 0.152        |
| 16QAM      | 1712.5                  | 19975      | 5  | 12      | 7         | 22.85                 | 21.95          | 0.157        |
| 16QAM      | 1712.5                  | 19975      | 5  | 12      | 13        | 22.57                 | 21.67          | 0.147        |
| 16QAM      | 1712.5                  | 19975      | 5  | 25      | 0         | 22.68                 | 21.78          | 0.151        |
| 16QAM      | 1732.5                  | 20175      | 5  | 1       | 0         | 23.35                 | 22.45          | 0.176        |
| 16QAM      | 1732.5                  | 20175      | 5  | 1       | 12        | 23.22                 | 22.32          | 0.171        |
| 16QAM      | 1732.5                  | 20175      | 5  | 1       | 24        | 23.30                 | 22.40          | 0.174        |
| 16QAM      | 1732.5                  | 20175      | 5  | 12      | 0         | 22.74                 | 21.84          | 0.153        |
| 16QAM      | 1732.5                  | 20175      | 5  | 12      | 7         | 22.80                 | 21.90          | 0.155        |
| 16QAM      | 1732.5                  | 20175      | 5  | 12      | 13        | 22.74                 | 21.84          | 0.153        |
| 16QAM      | 1732.5                  | 20175      | 5  | 25      | 0         | 22.68                 | 21.78          | 0.151        |
| 16QAM      | 1752.5                  | 20375      | 5  | 1       | 0         | 22.92                 | 22.02          | 0.159        |
| 16QAM      | 1752.5                  | 20375      | 5  | 1       | 12        | 23.02                 | 22.12          | 0.163        |
| 16QAM      | 1752.5                  | 20375      | 5  | 1       | 24        | 23.06                 | 22.16          | 0.164        |
| 16QAM      | 1752.5                  | 20375      | 5  | 12      | 0         | 21.95                 | 21.05          | 0.127        |
| 16QAM      | 1752.5                  | 20375      | 5  | 12      | 7         | 21.92                 | 21.02          | 0.126        |
| 16QAM      | 1752.5                  | 20375      | 5  | 12      | 13        | 22.25                 | 21.35          | 0.136        |
| 16QAM      | 1752.5                  | 20375      | 5  | 25      | 0         | 21.89                 | 20.99          | 0.126        |
| 64QAM      | 1712.5                  | 19975      | 5  | 1       | 0         | 22.73                 | 21.83          | 0.152        |
| 64QAM      | 1712.5                  | 19975      | 5  | 1       | 12        | 22.84                 | 21.94          | 0.156        |
| 64QAM      | 1712.5                  | 19975      | 5  | 1       | 24        | 22.81                 | 21.91          | 0.155        |
| 64QAM      | 1712.5                  | 19975      | 5  | 12      | 0         | 21.70                 | 20.80          | 0.120        |
| 64QAM      | 1712.5                  | 19975      | 5  | 12      | 7         | 21.81                 | 20.91          | 0.123        |
| 64QAM      | 1712.5                  | 19975      | 5  | 12      | 13        | 21.81                 | 20.91          | 0.123        |
| 64QAM      | 1712.5                  | 19975      | 5  | 25      | 0         | 21.68                 | 20.78          | 0.120        |
| 64QAM      | 1732.5                  | 20175      | 5  | 1       | 0         | 22.80                 | 21.90          | 0.155        |
| 64QAM      | 1732.5                  | 20175      | 5  | 1       | 12        | 23.39                 | 22.49          | 0.177        |
| 64QAM      | 1732.5                  | 20175      | 5  | 1       | 24        | 22.79                 | 21.89          | 0.155        |
| 64QAM      | 1732.5                  | 20175      | 5  | 12      | 0         | 21.63                 | 20.73          | 0.118        |
| 64QAM      | 1732.5                  | 20175      | 5  | 12      | 7         | 21.75                 | 20.85          | 0.122        |
| 64QAM      | 1732.5                  | 20175      | 5  | 12      | 13        | 21.68                 | 20.78          | 0.120        |
| 64QAM      | 1732.5                  | 20175      | 5  | 25      | 0         | 21.62                 | 20.72          | 0.118        |
| 64QAM      | 1752.5                  | 20375      | 5  | 1       | 0         | 22.44                 | 21.54          | 0.143        |
| 64QAM      | 1752.5                  | 20375      | 5  | 1       | 12        | 22.41                 | 21.51          | 0.142        |
| 64QAM      | 1752.5                  | 20375      | 5  | 1       | 24        | 22.05                 | 21.15          | 0.130        |
| 64QAM      | 1752.5                  | 20375      | 5  | 12      | 0         | 20.93                 | 20.03          | 0.101        |
| 64QAM      | 1752.5                  | 20375      | 5  | 12      | 7         | 21.13                 | 20.23          | 0.105        |
| 64QAM      | 1752.5                  | 20375      | 5  | 12      | 13        | 21.24                 | 20.34          | 0.108        |
| 64QAM      | 1752.5                  | 20375      | 5  | 25      | 0         | 21.01                 | 20.11          | 0.103        |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/EIRP (dBm) | ERP/EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|----------------|--------------|
| QPSK       | 1715                    | 20000      | 10 | 1       | 0         | 23.21                 | 22.31          | 0.170        |
| QPSK       | 1715                    | 20000      | 10 | 1       | 25        | 23.22                 | 22.32          | 0.171        |
| QPSK       | 1715                    | 20000      | 10 | 1       | 49        | 23.29                 | 22.39          | 0.173        |
| QPSK       | 1715                    | 20000      | 10 | 25      | 0         | 23.45                 | 22.55          | 0.180        |
| QPSK       | 1715                    | 20000      | 10 | 25      | 12        | 23.46                 | 22.56          | 0.180        |
| QPSK       | 1715                    | 20000      | 10 | 25      | 25        | 23.30                 | 22.40          | 0.174        |
| QPSK       | 1715                    | 20000      | 10 | 50      | 0         | 23.39                 | 22.49          | 0.177        |
| QPSK       | 1732.5                  | 20175      | 10 | 1       | 0         | 23.21                 | 22.31          | 0.170        |
| QPSK       | 1732.5                  | 20175      | 10 | 1       | 25        | 23.21                 | 22.31          | 0.170        |
| QPSK       | 1732.5                  | 20175      | 10 | 1       | 49        | 23.17                 | 22.27          | 0.169        |
| QPSK       | 1732.5                  | 20175      | 10 | 25      | 0         | 23.21                 | 22.31          | 0.170        |
| QPSK       | 1732.5                  | 20175      | 10 | 25      | 12        | 23.20                 | 22.30          | 0.170        |
| QPSK       | 1732.5                  | 20175      | 10 | 25      | 25        | 23.22                 | 22.32          | 0.171        |
| QPSK       | 1732.5                  | 20175      | 10 | 50      | 0         | 23.18                 | 22.28          | 0.169        |
| QPSK       | 1750                    | 20350      | 10 | 1       | 0         | 23.25                 | 22.35          | 0.172        |
| QPSK       | 1750                    | 20350      | 10 | 1       | 25        | 23.10                 | 22.20          | 0.166        |
| QPSK       | 1750                    | 20350      | 10 | 1       | 49        | 23.12                 | 22.22          | 0.167        |
| QPSK       | 1750                    | 20350      | 10 | 25      | 0         | 22.15                 | 21.25          | 0.133        |
| QPSK       | 1750                    | 20350      | 10 | 25      | 12        | 22.54                 | 21.64          | 0.146        |
| QPSK       | 1750                    | 20350      | 10 | 25      | 25        | 22.85                 | 21.95          | 0.157        |
| QPSK       | 1750                    | 20350      | 10 | 50      | 0         | 22.66                 | 21.76          | 0.150        |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/EIRP (dBm) | ERP/EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|----------------|--------------|
| 16QAM      | 1715                    | 20000      | 10 | 1       | 0         | 23.73                 | 22.83          | 0.192        |
| 16QAM      | 1715                    | 20000      | 10 | 1       | 25        | 23.79                 | 22.89          | 0.195        |
| 16QAM      | 1715                    | 20000      | 10 | 1       | 49        | 23.65                 | 22.75          | 0.188        |
| 16QAM      | 1715                    | 20000      | 10 | 25      | 0         | 22.57                 | 21.67          | 0.147        |
| 16QAM      | 1715                    | 20000      | 10 | 25      | 12        | 22.68                 | 21.78          | 0.151        |
| 16QAM      | 1715                    | 20000      | 10 | 25      | 25        | 22.68                 | 21.78          | 0.151        |
| 16QAM      | 1715                    | 20000      | 10 | 50      | 0         | 22.78                 | 21.88          | 0.154        |
| 16QAM      | 1732.5                  | 20175      | 10 | 1       | 0         | 23.48                 | 22.58          | 0.181        |
| 16QAM      | 1732.5                  | 20175      | 10 | 1       | 25        | 23.62                 | 22.72          | 0.187        |
| 16QAM      | 1732.5                  | 20175      | 10 | 1       | 49        | 23.68                 | 22.78          | 0.190        |
| 16QAM      | 1732.5                  | 20175      | 10 | 25      | 0         | 22.69                 | 21.79          | 0.151        |
| 16QAM      | 1732.5                  | 20175      | 10 | 25      | 12        | 22.68                 | 21.78          | 0.151        |
| 16QAM      | 1732.5                  | 20175      | 10 | 25      | 25        | 22.76                 | 21.86          | 0.153        |
| 16QAM      | 1732.5                  | 20175      | 10 | 50      | 0         | 22.67                 | 21.77          | 0.150        |
| 16QAM      | 1750                    | 20350      | 10 | 1       | 0         | 23.26                 | 22.36          | 0.172        |
| 16QAM      | 1750                    | 20350      | 10 | 1       | 25        | 22.73                 | 21.83          | 0.152        |
| 16QAM      | 1750                    | 20350      | 10 | 1       | 49        | 23.22                 | 22.32          | 0.171        |
| 16QAM      | 1750                    | 20350      | 10 | 25      | 0         | 21.34                 | 20.44          | 0.111        |
| 16QAM      | 1750                    | 20350      | 10 | 25      | 12        | 21.73                 | 20.83          | 0.121        |
| 16QAM      | 1750                    | 20350      | 10 | 25      | 25        | 21.93                 | 21.03          | 0.127        |
| 16QAM      | 1750                    | 20350      | 10 | 50      | 0         | 21.65                 | 20.75          | 0.119        |
| 64QAM      | 1715                    | 20000      | 10 | 1       | 0         | 23.08                 | 22.18          | 0.165        |
| 64QAM      | 1715                    | 20000      | 10 | 1       | 25        | 23.37                 | 22.47          | 0.177        |
| 64QAM      | 1715                    | 20000      | 10 | 1       | 49        | 22.84                 | 21.94          | 0.156        |
| 64QAM      | 1715                    | 20000      | 10 | 25      | 0         | 21.68                 | 20.78          | 0.120        |
| 64QAM      | 1715                    | 20000      | 10 | 25      | 12        | 21.73                 | 20.83          | 0.121        |
| 64QAM      | 1715                    | 20000      | 10 | 25      | 25        | 21.83                 | 20.93          | 0.124        |
| 64QAM      | 1715                    | 20000      | 10 | 50      | 0         | 21.71                 | 20.81          | 0.121        |
| 64QAM      | 1732.5                  | 20175      | 10 | 1       | 0         | 22.70                 | 21.80          | 0.151        |
| 64QAM      | 1732.5                  | 20175      | 10 | 1       | 25        | 22.60                 | 21.70          | 0.148        |
| 64QAM      | 1732.5                  | 20175      | 10 | 1       | 49        | 23.00                 | 22.10          | 0.162        |
| 64QAM      | 1732.5                  | 20175      | 10 | 25      | 0         | 21.75                 | 20.85          | 0.122        |
| 64QAM      | 1732.5                  | 20175      | 10 | 25      | 12        | 21.62                 | 20.72          | 0.118        |
| 64QAM      | 1732.5                  | 20175      | 10 | 25      | 25        | 21.72                 | 20.82          | 0.121        |
| 64QAM      | 1732.5                  | 20175      | 10 | 50      | 0         | 21.64                 | 20.74          | 0.119        |
| 64QAM      | 1750                    | 20350      | 10 | 1       | 0         | 21.54                 | 20.64          | 0.116        |
| 64QAM      | 1750                    | 20350      | 10 | 1       | 25        | 21.57                 | 20.67          | 0.117        |
| 64QAM      | 1750                    | 20350      | 10 | 1       | 49        | 21.35                 | 20.45          | 0.111        |
| 64QAM      | 1750                    | 20350      | 10 | 25      | 0         | 20.41                 | 19.51          | 0.089        |
| 64QAM      | 1750                    | 20350      | 10 | 25      | 12        | 20.52                 | 19.62          | 0.092        |
| 64QAM      | 1750                    | 20350      | 10 | 25      | 25        | 20.98                 | 20.08          | 0.102        |
| 64QAM      | 1750                    | 20350      | 10 | 50      | 0         | 20.67                 | 19.77          | 0.095        |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/EIRP (dBm) | ERP/EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|----------------|--------------|
| QPSK       | 1717.5                  | 20025      | 15 | 1       | 0         | 23.62                 | 22.72          | 0.187        |
| QPSK       | 1717.5                  | 20025      | 15 | 1       | 37        | 23.03                 | 22.13          | 0.163        |
| QPSK       | 1717.5                  | 20025      | 15 | 1       | 74        | 23.24                 | 22.34          | 0.171        |
| QPSK       | 1717.5                  | 20025      | 15 | 36      | 0         | 23.28                 | 22.38          | 0.173        |
| QPSK       | 1717.5                  | 20025      | 15 | 36      | 29        | 23.21                 | 22.31          | 0.170        |
| QPSK       | 1717.5                  | 20025      | 15 | 36      | 30        | 23.23                 | 22.33          | 0.171        |
| QPSK       | 1717.5                  | 20025      | 15 | 75      | 0         | 23.29                 | 22.39          | 0.173        |
| QPSK       | 1732.5                  | 20175      | 15 | 1       | 0         | 23.07                 | 22.17          | 0.165        |
| QPSK       | 1732.5                  | 20175      | 15 | 1       | 37        | 22.99                 | 22.09          | 0.162        |
| QPSK       | 1732.5                  | 20175      | 15 | 1       | 74        | 22.94                 | 22.04          | 0.160        |
| QPSK       | 1732.5                  | 20175      | 15 | 36      | 0         | 23.08                 | 22.18          | 0.165        |
| QPSK       | 1732.5                  | 20175      | 15 | 36      | 29        | 23.13                 | 22.23          | 0.167        |
| QPSK       | 1732.5                  | 20175      | 15 | 36      | 30        | 23.10                 | 22.20          | 0.166        |
| QPSK       | 1732.5                  | 20175      | 15 | 75      | 0         | 23.01                 | 22.11          | 0.163        |
| QPSK       | 1747.5                  | 20325      | 15 | 1       | 0         | 22.95                 | 22.05          | 0.160        |
| QPSK       | 1747.5                  | 20325      | 15 | 1       | 37        | 22.97                 | 22.07          | 0.161        |
| QPSK       | 1747.5                  | 20325      | 15 | 1       | 74        | 23.07                 | 22.17          | 0.165        |
| QPSK       | 1747.5                  | 20325      | 15 | 36      | 0         | 22.34                 | 21.44          | 0.139        |
| QPSK       | 1747.5                  | 20325      | 15 | 36      | 29        | 22.24                 | 21.34          | 0.136        |
| QPSK       | 1747.5                  | 20325      | 15 | 36      | 30        | 22.37                 | 21.47          | 0.140        |
| QPSK       | 1747.5                  | 20325      | 15 | 75      | 0         | 22.52                 | 21.62          | 0.145        |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/EIRP (dBm) | ERP/EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|----------------|--------------|
| 16QAM      | 1717.5                  | 20025      | 15 | 1       | 0         | 23.32                 | 22.42          | 0.175        |
| 16QAM      | 1717.5                  | 20025      | 15 | 1       | 37        | 23.28                 | 22.38          | 0.173        |
| 16QAM      | 1717.5                  | 20025      | 15 | 1       | 74        | 23.78                 | 22.88          | 0.194        |
| 16QAM      | 1717.5                  | 20025      | 15 | 36      | 0         | 22.82                 | 21.92          | 0.156        |
| 16QAM      | 1717.5                  | 20025      | 15 | 36      | 29        | 22.76                 | 21.86          | 0.153        |
| 16QAM      | 1717.5                  | 20025      | 15 | 36      | 30        | 22.76                 | 21.86          | 0.153        |
| 16QAM      | 1717.5                  | 20025      | 15 | 75      | 0         | 22.78                 | 21.88          | 0.154        |
| 16QAM      | 1732.5                  | 20175      | 15 | 1       | 0         | 23.27                 | 22.37          | 0.173        |
| 16QAM      | 1732.5                  | 20175      | 15 | 1       | 37        | 23.61                 | 22.71          | 0.187        |
| 16QAM      | 1732.5                  | 20175      | 15 | 1       | 74        | 23.43                 | 22.53          | 0.179        |
| 16QAM      | 1732.5                  | 20175      | 15 | 36      | 0         | 22.64                 | 21.74          | 0.149        |
| 16QAM      | 1732.5                  | 20175      | 15 | 36      | 29        | 22.54                 | 21.64          | 0.146        |
| 16QAM      | 1732.5                  | 20175      | 15 | 36      | 30        | 22.65                 | 21.75          | 0.150        |
| 16QAM      | 1732.5                  | 20175      | 15 | 75      | 0         | 22.56                 | 21.66          | 0.147        |
| 16QAM      | 1747.5                  | 20325      | 15 | 1       | 0         | 22.78                 | 21.88          | 0.154        |
| 16QAM      | 1747.5                  | 20325      | 15 | 1       | 37        | 22.57                 | 21.67          | 0.147        |
| 16QAM      | 1747.5                  | 20325      | 15 | 1       | 74        | 22.57                 | 21.67          | 0.147        |
| 16QAM      | 1747.5                  | 20325      | 15 | 36      | 0         | 21.44                 | 20.54          | 0.113        |
| 16QAM      | 1747.5                  | 20325      | 15 | 36      | 29        | 21.52                 | 20.62          | 0.115        |
| 16QAM      | 1747.5                  | 20325      | 15 | 36      | 30        | 21.49                 | 20.59          | 0.115        |
| 16QAM      | 1747.5                  | 20325      | 15 | 75      | 0         | 21.50                 | 20.60          | 0.115        |
| 64QAM      | 1717.5                  | 20025      | 15 | 1       | 0         | 23.06                 | 22.16          | 0.164        |
| 64QAM      | 1717.5                  | 20025      | 15 | 1       | 37        | 22.86                 | 21.96          | 0.157        |
| 64QAM      | 1717.5                  | 20025      | 15 | 1       | 74        | 22.67                 | 21.77          | 0.150        |
| 64QAM      | 1717.5                  | 20025      | 15 | 36      | 0         | 21.74                 | 20.84          | 0.121        |
| 64QAM      | 1717.5                  | 20025      | 15 | 36      | 29        | 21.71                 | 20.81          | 0.121        |
| 64QAM      | 1717.5                  | 20025      | 15 | 36      | 30        | 21.78                 | 20.88          | 0.122        |
| 64QAM      | 1717.5                  | 20025      | 15 | 75      | 0         | 21.77                 | 20.87          | 0.122        |
| 64QAM      | 1732.5                  | 20175      | 15 | 1       | 0         | 22.78                 | 21.88          | 0.154        |
| 64QAM      | 1732.5                  | 20175      | 15 | 1       | 37        | 22.89                 | 21.99          | 0.158        |
| 64QAM      | 1732.5                  | 20175      | 15 | 1       | 74        | 22.91                 | 22.01          | 0.159        |
| 64QAM      | 1732.5                  | 20175      | 15 | 36      | 0         | 21.60                 | 20.70          | 0.117        |
| 64QAM      | 1732.5                  | 20175      | 15 | 36      | 29        | 21.65                 | 20.75          | 0.119        |
| 64QAM      | 1732.5                  | 20175      | 15 | 36      | 30        | 21.54                 | 20.64          | 0.116        |
| 64QAM      | 1732.5                  | 20175      | 15 | 75      | 0         | 21.56                 | 20.66          | 0.116        |
| 64QAM      | 1747.5                  | 20325      | 15 | 1       | 0         | 21.87                 | 20.97          | 0.125        |
| 64QAM      | 1747.5                  | 20325      | 15 | 1       | 37        | 21.56                 | 20.66          | 0.116        |
| 64QAM      | 1747.5                  | 20325      | 15 | 1       | 74        | 21.37                 | 20.47          | 0.111        |
| 64QAM      | 1747.5                  | 20325      | 15 | 36      | 0         | 20.49                 | 19.59          | 0.091        |
| 64QAM      | 1747.5                  | 20325      | 15 | 36      | 29        | 20.54                 | 19.64          | 0.092        |
| 64QAM      | 1747.5                  | 20325      | 15 | 36      | 30        | 20.50                 | 19.60          | 0.091        |
| 64QAM      | 1747.5                  | 20325      | 15 | 75      | 0         | 20.57                 | 19.67          | 0.093        |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/EIRP (dBm) | ERP/EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|----------------|--------------|
| QPSK       | 1720                    | 20050      | 20 | 1       | 0         | 23.30                 | 22.40          | 0.174        |
| QPSK       | 1720                    | 20050      | 20 | 1       | 49        | 23.18                 | 22.28          | 0.169        |
| QPSK       | 1720                    | 20050      | 20 | 1       | 99        | 23.03                 | 22.13          | 0.163        |
| QPSK       | 1720                    | 20050      | 20 | 50      | 0         | 23.21                 | 22.31          | 0.170        |
| QPSK       | 1720                    | 20050      | 20 | 50      | 24        | 23.21                 | 22.31          | 0.170        |
| QPSK       | 1720                    | 20050      | 20 | 50      | 50        | 23.17                 | 22.27          | 0.169        |
| QPSK       | 1720                    | 20050      | 20 | 100     | 0         | 23.17                 | 22.27          | 0.169        |
| QPSK       | 1732.5                  | 20175      | 20 | 1       | 0         | 23.04                 | 22.14          | 0.164        |
| QPSK       | 1732.5                  | 20175      | 20 | 1       | 49        | 23.20                 | 22.30          | 0.170        |
| QPSK       | 1732.5                  | 20175      | 20 | 1       | 99        | 22.94                 | 22.04          | 0.160        |
| QPSK       | 1732.5                  | 20175      | 20 | 50      | 0         | 23.08                 | 22.18          | 0.165        |
| QPSK       | 1732.5                  | 20175      | 20 | 50      | 24        | 22.94                 | 22.04          | 0.160        |
| QPSK       | 1732.5                  | 20175      | 20 | 50      | 50        | 23.09                 | 22.19          | 0.166        |
| QPSK       | 1732.5                  | 20175      | 20 | 100     | 0         | 23.15                 | 22.25          | 0.168        |
| QPSK       | 1745                    | 20300      | 20 | 1       | 0         | 23.02                 | 22.12          | 0.163        |
| QPSK       | 1745                    | 20300      | 20 | 1       | 49        | 22.99                 | 22.09          | 0.162        |
| QPSK       | 1745                    | 20300      | 20 | 1       | 99        | 23.00                 | 22.10          | 0.162        |
| QPSK       | 1745                    | 20300      | 20 | 50      | 0         | 23.11                 | 22.21          | 0.166        |
| QPSK       | 1745                    | 20300      | 20 | 50      | 24        | 22.33                 | 21.43          | 0.139        |
| QPSK       | 1745                    | 20300      | 20 | 50      | 50        | 22.54                 | 21.64          | 0.146        |
| QPSK       | 1745                    | 20300      | 20 | 100     | 0         | 23.06                 | 22.16          | 0.164        |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/EIRP (dBm) | ERP/EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|----------------|--------------|
| 256QAM     | 1720                    | 20050      | 20 | 1       | 0         | 18.10                 | 17.20          | 0.052        |
| 256QAM     | 1732.5                  | 20175      | 20 | 1       | 0         | 18.15                 | 17.25          | 0.053        |
| 256QAM     | 1745                    | 20300      | 20 | 1       | 0         | 18.07                 | 17.17          | 0.052        |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/EIRP (dBm) | ERP/EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|----------------|--------------|
| 16QAM      | 1720                    | 20050      | 20 | 1       | 0         | 23.35                 | 22.45          | 0.176        |
| 16QAM      | 1720                    | 20050      | 20 | 1       | 49        | 23.48                 | 22.58          | 0.181        |
| 16QAM      | 1720                    | 20050      | 20 | 1       | 99        | 23.44                 | 22.54          | 0.179        |
| 16QAM      | 1720                    | 20050      | 20 | 50      | 0         | 22.69                 | 21.79          | 0.151        |
| 16QAM      | 1720                    | 20050      | 20 | 50      | 24        | 22.77                 | 21.87          | 0.154        |
| 16QAM      | 1720                    | 20050      | 20 | 50      | 50        | 22.69                 | 21.79          | 0.151        |
| 16QAM      | 1720                    | 20050      | 20 | 100     | 0         | 22.71                 | 21.81          | 0.152        |
| 16QAM      | 1732.5                  | 20175      | 20 | 1       | 0         | 23.14                 | 22.24          | 0.167        |
| 16QAM      | 1732.5                  | 20175      | 20 | 1       | 49        | 23.82                 | 22.92          | 0.196        |
| 16QAM      | 1732.5                  | 20175      | 20 | 1       | 99        | 23.16                 | 22.26          | 0.168        |
| 16QAM      | 1732.5                  | 20175      | 20 | 50      | 0         | 22.59                 | 21.69          | 0.148        |
| 16QAM      | 1732.5                  | 20175      | 20 | 50      | 24        | 22.54                 | 21.64          | 0.146        |
| 16QAM      | 1732.5                  | 20175      | 20 | 50      | 50        | 22.55                 | 21.65          | 0.146        |
| 16QAM      | 1732.5                  | 20175      | 20 | 100     | 0         | 22.48                 | 21.58          | 0.144        |
| 16QAM      | 1745                    | 20300      | 20 | 1       | 0         | 23.12                 | 22.22          | 0.167        |
| 16QAM      | 1745                    | 20300      | 20 | 1       | 49        | 23.04                 | 22.14          | 0.164        |
| 16QAM      | 1745                    | 20300      | 20 | 1       | 99        | 22.93                 | 22.03          | 0.160        |
| 16QAM      | 1745                    | 20300      | 20 | 50      | 0         | 21.86                 | 20.96          | 0.125        |
| 16QAM      | 1745                    | 20300      | 20 | 50      | 24        | 21.51                 | 20.61          | 0.115        |
| 16QAM      | 1745                    | 20300      | 20 | 50      | 50        | 21.55                 | 20.65          | 0.116        |
| 16QAM      | 1745                    | 20300      | 20 | 100     | 0         | 21.88                 | 20.98          | 0.125        |
| 64QAM      | 1720                    | 20050      | 20 | 1       | 0         | 23.34                 | 22.44          | 0.175        |
| 64QAM      | 1720                    | 20050      | 20 | 1       | 49        | 22.92                 | 22.02          | 0.159        |
| 64QAM      | 1720                    | 20050      | 20 | 1       | 99        | 22.82                 | 21.92          | 0.156        |
| 64QAM      | 1720                    | 20050      | 20 | 50      | 0         | 21.76                 | 20.86          | 0.122        |
| 64QAM      | 1720                    | 20050      | 20 | 50      | 24        | 21.70                 | 20.80          | 0.120        |
| 64QAM      | 1720                    | 20050      | 20 | 50      | 50        | 21.66                 | 20.76          | 0.119        |
| 64QAM      | 1720                    | 20050      | 20 | 100     | 0         | 21.81                 | 20.91          | 0.123        |
| 64QAM      | 1732.5                  | 20175      | 20 | 1       | 0         | 22.90                 | 22.00          | 0.158        |
| 64QAM      | 1732.5                  | 20175      | 20 | 1       | 49        | 23.09                 | 22.19          | 0.166        |
| 64QAM      | 1732.5                  | 20175      | 20 | 1       | 99        | 22.56                 | 21.66          | 0.147        |
| 64QAM      | 1732.5                  | 20175      | 20 | 50      | 0         | 21.57                 | 20.67          | 0.117        |
| 64QAM      | 1732.5                  | 20175      | 20 | 50      | 24        | 21.62                 | 20.72          | 0.118        |
| 64QAM      | 1732.5                  | 20175      | 20 | 50      | 50        | 21.49                 | 20.59          | 0.115        |
| 64QAM      | 1732.5                  | 20175      | 20 | 100     | 0         | 21.53                 | 20.63          | 0.116        |
| 64QAM      | 1745                    | 20300      | 20 | 1       | 0         | 22.81                 | 21.91          | 0.155        |
| 64QAM      | 1745                    | 20300      | 20 | 1       | 49        | 21.94                 | 21.04          | 0.127        |
| 64QAM      | 1745                    | 20300      | 20 | 1       | 99        | 22.26                 | 21.36          | 0.137        |
| 64QAM      | 1745                    | 20300      | 20 | 50      | 0         | 20.93                 | 20.03          | 0.101        |
| 64QAM      | 1745                    | 20300      | 20 | 50      | 24        | 20.42                 | 19.52          | 0.090        |
| 64QAM      | 1745                    | 20300      | 20 | 50      | 50        | 20.59                 | 19.69          | 0.093        |
| 64QAM      | 1745                    | 20300      | 20 | 100     | 0         | 20.71                 | 19.81          | 0.096        |