

**APPENDIX A – TEST DATA OF CONDUCTED EMISSION**

**LTE Band 12**

**1 RF Power Output**

| Modulation | Carrier frequency (MHz) | UL Channel | BW  | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|-----|---------|-----------|-----------------------|
| QPSK       | 699.7                   | 23017      | 1.4 | 1       | 0         | 23.75                 |
| QPSK       | 699.7                   | 23017      | 1.4 | 1       | 3         | 23.73                 |
| QPSK       | 699.7                   | 23017      | 1.4 | 1       | 5         | 23.80                 |
| QPSK       | 699.7                   | 23017      | 1.4 | 3       | 0         | 23.75                 |
| QPSK       | 699.7                   | 23017      | 1.4 | 3       | 1         | 23.69                 |
| QPSK       | 699.7                   | 23017      | 1.4 | 3       | 3         | 23.70                 |
| QPSK       | 699.7                   | 23017      | 1.4 | 6       | 0         | 23.78                 |
| QPSK       | 707.5                   | 23095      | 1.4 | 1       | 0         | 23.52                 |
| QPSK       | 707.5                   | 23095      | 1.4 | 1       | 3         | 23.74                 |
| QPSK       | 707.5                   | 23095      | 1.4 | 1       | 5         | 23.77                 |
| QPSK       | 707.5                   | 23095      | 1.4 | 3       | 0         | 23.77                 |
| QPSK       | 707.5                   | 23095      | 1.4 | 3       | 1         | 23.81                 |
| QPSK       | 707.5                   | 23095      | 1.4 | 3       | 3         | 23.66                 |
| QPSK       | 707.5                   | 23095      | 1.4 | 6       | 0         | 23.76                 |
| QPSK       | 715.3                   | 23173      | 1.4 | 1       | 0         | 23.82                 |
| QPSK       | 715.3                   | 23173      | 1.4 | 1       | 3         | 23.75                 |
| QPSK       | 715.3                   | 23173      | 1.4 | 1       | 5         | 23.66                 |
| QPSK       | 715.3                   | 23173      | 1.4 | 3       | 0         | 23.71                 |
| QPSK       | 715.3                   | 23173      | 1.4 | 3       | 1         | 23.74                 |
| QPSK       | 715.3                   | 23173      | 1.4 | 3       | 3         | 23.77                 |
| QPSK       | 715.3                   | 23173      | 1.4 | 6       | 0         | 23.71                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW  | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|-----|---------|-----------|-----------------------|
| 16QAM      | 699.7                   | 23017      | 1.4 | 1       | 0         | 24.14                 |
| 16QAM      | 699.7                   | 23017      | 1.4 | 1       | 3         | 24.01                 |
| 16QAM      | 699.7                   | 23017      | 1.4 | 1       | 5         | 24.06                 |
| 16QAM      | 699.7                   | 23017      | 1.4 | 3       | 0         | 23.69                 |
| 16QAM      | 699.7                   | 23017      | 1.4 | 3       | 1         | 23.78                 |
| 16QAM      | 699.7                   | 23017      | 1.4 | 3       | 3         | 23.80                 |
| 16QAM      | 699.7                   | 23017      | 1.4 | 6       | 0         | 23.33                 |
| 16QAM      | 707.5                   | 23095      | 1.4 | 1       | 0         | 23.87                 |
| 16QAM      | 707.5                   | 23095      | 1.4 | 1       | 3         | 23.94                 |
| 16QAM      | 707.5                   | 23095      | 1.4 | 1       | 5         | 23.62                 |
| 16QAM      | 707.5                   | 23095      | 1.4 | 3       | 0         | 23.77                 |
| 16QAM      | 707.5                   | 23095      | 1.4 | 3       | 1         | 23.96                 |
| 16QAM      | 707.5                   | 23095      | 1.4 | 3       | 3         | 23.90                 |
| 16QAM      | 707.5                   | 23095      | 1.4 | 6       | 0         | 23.22                 |
| 16QAM      | 715.3                   | 23173      | 1.4 | 1       | 0         | 23.84                 |
| 16QAM      | 715.3                   | 23173      | 1.4 | 1       | 3         | 23.99                 |
| 16QAM      | 715.3                   | 23173      | 1.4 | 1       | 5         | 23.84                 |
| 16QAM      | 715.3                   | 23173      | 1.4 | 3       | 0         | 23.72                 |
| 16QAM      | 715.3                   | 23173      | 1.4 | 3       | 1         | 23.88                 |
| 16QAM      | 715.3                   | 23173      | 1.4 | 3       | 3         | 23.93                 |
| 16QAM      | 715.3                   | 23173      | 1.4 | 6       | 0         | 23.21                 |
| 64QAM      | 699.7                   | 23017      | 1.4 | 1       | 0         | 23.45                 |
| 64QAM      | 699.7                   | 23017      | 1.4 | 1       | 3         | 23.57                 |
| 64QAM      | 699.7                   | 23017      | 1.4 | 1       | 5         | 23.40                 |
| 64QAM      | 699.7                   | 23017      | 1.4 | 3       | 0         | 23.29                 |
| 64QAM      | 699.7                   | 23017      | 1.4 | 3       | 1         | 23.26                 |
| 64QAM      | 699.7                   | 23017      | 1.4 | 3       | 3         | 23.28                 |
| 64QAM      | 699.7                   | 23017      | 1.4 | 6       | 0         | 22.22                 |
| 64QAM      | 707.5                   | 23095      | 1.4 | 1       | 0         | 23.48                 |
| 64QAM      | 707.5                   | 23095      | 1.4 | 1       | 3         | 23.39                 |
| 64QAM      | 707.5                   | 23095      | 1.4 | 1       | 5         | 23.54                 |
| 64QAM      | 707.5                   | 23095      | 1.4 | 3       | 0         | 23.40                 |
| 64QAM      | 707.5                   | 23095      | 1.4 | 3       | 1         | 23.55                 |
| 64QAM      | 707.5                   | 23095      | 1.4 | 3       | 3         | 23.28                 |
| 64QAM      | 707.5                   | 23095      | 1.4 | 6       | 0         | 22.16                 |
| 64QAM      | 715.3                   | 23173      | 1.4 | 1       | 0         | 23.54                 |
| 64QAM      | 715.3                   | 23173      | 1.4 | 1       | 3         | 24.04                 |
| 64QAM      | 715.3                   | 23173      | 1.4 | 1       | 5         | 23.49                 |
| 64QAM      | 715.3                   | 23173      | 1.4 | 3       | 0         | 23.52                 |
| 64QAM      | 715.3                   | 23173      | 1.4 | 3       | 1         | 23.42                 |
| 64QAM      | 715.3                   | 23173      | 1.4 | 3       | 3         | 23.35                 |
| 64QAM      | 715.3                   | 23173      | 1.4 | 6       | 0         | 22.39                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 700.5                   | 23025      | 3  | 1       | 0         | 23.61                 |
| QPSK       | 700.5                   | 23025      | 3  | 1       | 8         | 23.77                 |
| QPSK       | 700.5                   | 23025      | 3  | 1       | 14        | 23.53                 |
| QPSK       | 700.5                   | 23025      | 3  | 8       | 0         | 23.75                 |
| QPSK       | 700.5                   | 23025      | 3  | 8       | 4         | 23.79                 |
| QPSK       | 700.5                   | 23025      | 3  | 8       | 7         | 23.69                 |
| QPSK       | 700.5                   | 23025      | 3  | 15      | 0         | 23.66                 |
| QPSK       | 707.5                   | 23095      | 3  | 1       | 0         | 23.56                 |
| QPSK       | 707.5                   | 23095      | 3  | 1       | 8         | 23.80                 |
| QPSK       | 707.5                   | 23095      | 3  | 1       | 14        | 23.61                 |
| QPSK       | 707.5                   | 23095      | 3  | 8       | 0         | 23.69                 |
| QPSK       | 707.5                   | 23095      | 3  | 8       | 4         | 23.80                 |
| QPSK       | 707.5                   | 23095      | 3  | 8       | 7         | 23.71                 |
| QPSK       | 707.5                   | 23095      | 3  | 15      | 0         | 23.74                 |
| QPSK       | 714.5                   | 23165      | 3  | 1       | 0         | 23.83                 |
| QPSK       | 714.5                   | 23165      | 3  | 1       | 8         | 23.80                 |
| QPSK       | 714.5                   | 23165      | 3  | 1       | 14        | 23.71                 |
| QPSK       | 714.5                   | 23165      | 3  | 8       | 0         | 23.74                 |
| QPSK       | 714.5                   | 23165      | 3  | 8       | 4         | 23.82                 |
| QPSK       | 714.5                   | 23165      | 3  | 8       | 7         | 23.77                 |
| QPSK       | 714.5                   | 23165      | 3  | 15      | 0         | 23.68                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM      | 700.5                   | 23025      | 3  | 1       | 0         | 23.87                 |
| 16QAM      | 700.5                   | 23025      | 3  | 1       | 8         | 23.92                 |
| 16QAM      | 700.5                   | 23025      | 3  | 1       | 14        | 23.79                 |
| 16QAM      | 700.5                   | 23025      | 3  | 8       | 0         | 23.24                 |
| 16QAM      | 700.5                   | 23025      | 3  | 8       | 4         | 23.34                 |
| 16QAM      | 700.5                   | 23025      | 3  | 8       | 7         | 23.28                 |
| 16QAM      | 700.5                   | 23025      | 3  | 15      | 0         | 23.28                 |
| 16QAM      | 707.5                   | 23095      | 3  | 1       | 0         | 23.79                 |
| 16QAM      | 707.5                   | 23095      | 3  | 1       | 8         | 24.08                 |
| 16QAM      | 707.5                   | 23095      | 3  | 1       | 14        | 23.68                 |
| 16QAM      | 707.5                   | 23095      | 3  | 8       | 0         | 23.19                 |
| 16QAM      | 707.5                   | 23095      | 3  | 8       | 4         | 23.27                 |
| 16QAM      | 707.5                   | 23095      | 3  | 8       | 7         | 23.30                 |
| 16QAM      | 707.5                   | 23095      | 3  | 15      | 0         | 23.32                 |
| 16QAM      | 714.5                   | 23165      | 3  | 1       | 0         | 23.89                 |
| 16QAM      | 714.5                   | 23165      | 3  | 1       | 8         | 24.16                 |
| 16QAM      | 714.5                   | 23165      | 3  | 1       | 14        | 24.04                 |
| 16QAM      | 714.5                   | 23165      | 3  | 8       | 0         | 23.10                 |
| 16QAM      | 714.5                   | 23165      | 3  | 8       | 4         | 23.33                 |
| 16QAM      | 714.5                   | 23165      | 3  | 8       | 7         | 23.22                 |
| 16QAM      | 714.5                   | 23165      | 3  | 15      | 0         | 23.28                 |
| 64QAM      | 700.5                   | 23025      | 3  | 1       | 0         | 23.41                 |
| 64QAM      | 700.5                   | 23025      | 3  | 1       | 8         | 23.57                 |
| 64QAM      | 700.5                   | 23025      | 3  | 1       | 14        | 23.24                 |
| 64QAM      | 700.5                   | 23025      | 3  | 8       | 0         | 22.27                 |
| 64QAM      | 700.5                   | 23025      | 3  | 8       | 4         | 22.26                 |
| 64QAM      | 700.5                   | 23025      | 3  | 8       | 7         | 22.21                 |
| 64QAM      | 700.5                   | 23025      | 3  | 15      | 0         | 22.27                 |
| 64QAM      | 707.5                   | 23095      | 3  | 1       | 0         | 23.42                 |
| 64QAM      | 707.5                   | 23095      | 3  | 1       | 8         | 23.35                 |
| 64QAM      | 707.5                   | 23095      | 3  | 1       | 14        | 23.26                 |
| 64QAM      | 707.5                   | 23095      | 3  | 8       | 0         | 22.22                 |
| 64QAM      | 707.5                   | 23095      | 3  | 8       | 4         | 22.25                 |
| 64QAM      | 707.5                   | 23095      | 3  | 8       | 7         | 22.30                 |
| 64QAM      | 707.5                   | 23095      | 3  | 15      | 0         | 22.21                 |
| 64QAM      | 714.5                   | 23165      | 3  | 1       | 0         | 23.67                 |
| 64QAM      | 714.5                   | 23165      | 3  | 1       | 8         | 23.78                 |
| 64QAM      | 714.5                   | 23165      | 3  | 1       | 14        | 23.54                 |
| 64QAM      | 714.5                   | 23165      | 3  | 8       | 0         | 22.19                 |
| 64QAM      | 714.5                   | 23165      | 3  | 8       | 4         | 22.31                 |
| 64QAM      | 714.5                   | 23165      | 3  | 8       | 7         | 22.29                 |
| 64QAM      | 714.5                   | 23165      | 3  | 15      | 0         | 22.26                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 701.5                   | 23035      | 5  | 1       | 0         | 23.70                 |
| QPSK       | 701.5                   | 23035      | 5  | 1       | 12        | 23.71                 |
| QPSK       | 701.5                   | 23035      | 5  | 1       | 24        | 23.68                 |
| QPSK       | 701.5                   | 23035      | 5  | 12      | 0         | 23.69                 |
| QPSK       | 701.5                   | 23035      | 5  | 12      | 7         | 23.76                 |
| QPSK       | 701.5                   | 23035      | 5  | 12      | 13        | 23.69                 |
| QPSK       | 701.5                   | 23035      | 5  | 25      | 0         | 23.71                 |
| QPSK       | 707.5                   | 23095      | 5  | 1       | 0         | 23.61                 |
| QPSK       | 707.5                   | 23095      | 5  | 1       | 12        | 23.75                 |
| QPSK       | 707.5                   | 23095      | 5  | 1       | 24        | 23.77                 |
| QPSK       | 707.5                   | 23095      | 5  | 12      | 0         | 23.65                 |
| QPSK       | 707.5                   | 23095      | 5  | 12      | 7         | 23.80                 |
| QPSK       | 707.5                   | 23095      | 5  | 12      | 13        | 23.71                 |
| QPSK       | 707.5                   | 23095      | 5  | 25      | 0         | 23.72                 |
| QPSK       | 713.5                   | 23155      | 5  | 1       | 0         | 23.74                 |
| QPSK       | 713.5                   | 23155      | 5  | 1       | 12        | 24.15                 |
| QPSK       | 713.5                   | 23155      | 5  | 1       | 24        | 23.82                 |
| QPSK       | 713.5                   | 23155      | 5  | 12      | 0         | 23.67                 |
| QPSK       | 713.5                   | 23155      | 5  | 12      | 7         | 23.77                 |
| QPSK       | 713.5                   | 23155      | 5  | 12      | 13        | 23.84                 |
| QPSK       | 713.5                   | 23155      | 5  | 25      | 0         | 23.72                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM      | 701.5                   | 23035      | 5  | 1       | 0         | 23.76                 |
| 16QAM      | 701.5                   | 23035      | 5  | 1       | 12        | 24.10                 |
| 16QAM      | 701.5                   | 23035      | 5  | 1       | 24        | 24.01                 |
| 16QAM      | 701.5                   | 23035      | 5  | 12      | 0         | 23.33                 |
| 16QAM      | 701.5                   | 23035      | 5  | 12      | 7         | 23.11                 |
| 16QAM      | 701.5                   | 23035      | 5  | 12      | 13        | 23.20                 |
| 16QAM      | 701.5                   | 23035      | 5  | 25      | 0         | 23.22                 |
| 16QAM      | 707.5                   | 23095      | 5  | 1       | 0         | 23.84                 |
| 16QAM      | 707.5                   | 23095      | 5  | 1       | 12        | 24.18                 |
| 16QAM      | 707.5                   | 23095      | 5  | 1       | 24        | 23.89                 |
| 16QAM      | 707.5                   | 23095      | 5  | 12      | 0         | 23.02                 |
| 16QAM      | 707.5                   | 23095      | 5  | 12      | 7         | 23.33                 |
| 16QAM      | 707.5                   | 23095      | 5  | 12      | 13        | 23.17                 |
| 16QAM      | 707.5                   | 23095      | 5  | 25      | 0         | 23.27                 |
| 16QAM      | 713.5                   | 23155      | 5  | 1       | 0         | 23.76                 |
| 16QAM      | 713.5                   | 23155      | 5  | 1       | 12        | 24.11                 |
| 16QAM      | 713.5                   | 23155      | 5  | 1       | 24        | 23.79                 |
| 16QAM      | 713.5                   | 23155      | 5  | 12      | 0         | 23.28                 |
| 16QAM      | 713.5                   | 23155      | 5  | 12      | 7         | 23.18                 |
| 16QAM      | 713.5                   | 23155      | 5  | 12      | 13        | 23.32                 |
| 16QAM      | 713.5                   | 23155      | 5  | 25      | 0         | 23.29                 |
| 64QAM      | 701.5                   | 23035      | 5  | 1       | 0         | 23.63                 |
| 64QAM      | 701.5                   | 23035      | 5  | 1       | 12        | 23.79                 |
| 64QAM      | 701.5                   | 23035      | 5  | 1       | 24        | 23.33                 |
| 64QAM      | 701.5                   | 23035      | 5  | 12      | 0         | 22.24                 |
| 64QAM      | 701.5                   | 23035      | 5  | 12      | 7         | 22.23                 |
| 64QAM      | 701.5                   | 23035      | 5  | 12      | 13        | 22.23                 |
| 64QAM      | 701.5                   | 23035      | 5  | 25      | 0         | 22.15                 |
| 64QAM      | 707.5                   | 23095      | 5  | 1       | 0         | 23.54                 |
| 64QAM      | 707.5                   | 23095      | 5  | 1       | 12        | 23.81                 |
| 64QAM      | 707.5                   | 23095      | 5  | 1       | 24        | 23.36                 |
| 64QAM      | 707.5                   | 23095      | 5  | 12      | 0         | 22.06                 |
| 64QAM      | 707.5                   | 23095      | 5  | 12      | 7         | 22.25                 |
| 64QAM      | 707.5                   | 23095      | 5  | 12      | 13        | 22.32                 |
| 64QAM      | 707.5                   | 23095      | 5  | 25      | 0         | 22.22                 |
| 64QAM      | 713.5                   | 23155      | 5  | 1       | 0         | 23.24                 |
| 64QAM      | 713.5                   | 23155      | 5  | 1       | 12        | 23.50                 |
| 64QAM      | 713.5                   | 23155      | 5  | 1       | 24        | 23.63                 |
| 64QAM      | 713.5                   | 23155      | 5  | 12      | 0         | 22.27                 |
| 64QAM      | 713.5                   | 23155      | 5  | 12      | 7         | 22.25                 |
| 64QAM      | 713.5                   | 23155      | 5  | 12      | 13        | 22.28                 |
| 64QAM      | 713.5                   | 23155      | 5  | 25      | 0         | 22.13                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 704                     | 23060      | 10 | 1       | 0         | 23.73                 |
| QPSK       | 704                     | 23060      | 10 | 1       | 25        | 23.73                 |
| QPSK       | 704                     | 23060      | 10 | 1       | 49        | 23.61                 |
| QPSK       | 704                     | 23060      | 10 | 25      | 0         | 23.65                 |
| QPSK       | 704                     | 23060      | 10 | 25      | 12        | 23.73                 |
| QPSK       | 704                     | 23060      | 10 | 25      | 25        | 23.73                 |
| QPSK       | 704                     | 23060      | 10 | 50      | 0         | 23.69                 |
| QPSK       | 707.5                   | 23095      | 10 | 1       | 0         | 23.66                 |
| QPSK       | 707.5                   | 23095      | 10 | 1       | 25        | 23.64                 |
| QPSK       | 707.5                   | 23095      | 10 | 1       | 49        | 23.67                 |
| QPSK       | 707.5                   | 23095      | 10 | 25      | 0         | 23.70                 |
| QPSK       | 707.5                   | 23095      | 10 | 25      | 12        | 23.75                 |
| QPSK       | 707.5                   | 23095      | 10 | 25      | 25        | 23.69                 |
| QPSK       | 707.5                   | 23095      | 10 | 50      | 0         | 23.77                 |
| QPSK       | 711                     | 23130      | 10 | 1       | 0         | 23.63                 |
| QPSK       | 711                     | 23130      | 10 | 1       | 25        | 23.67                 |
| QPSK       | 711                     | 23130      | 10 | 1       | 49        | 23.67                 |
| QPSK       | 711                     | 23130      | 10 | 25      | 0         | 23.68                 |
| QPSK       | 711                     | 23130      | 10 | 25      | 12        | 23.75                 |
| QPSK       | 711                     | 23130      | 10 | 25      | 25        | 23.77                 |
| QPSK       | 711                     | 23130      | 10 | 50      | 0         | 23.69                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 256QAM     | 704                     | 23060      | 10 | 1       | 0         | 18.13                 |
| 256QAM     | 707.5                   | 23095      | 10 | 1       | 0         | 18.09                 |
| 256QAM     | 711                     | 23130      | 10 | 1       | 0         | 18.14                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM      | 704                     | 23060      | 10 | 1       | 0         | 23.72                 |
| 16QAM      | 704                     | 23060      | 10 | 1       | 25        | 23.70                 |
| 16QAM      | 704                     | 23060      | 10 | 1       | 49        | 23.63                 |
| 16QAM      | 704                     | 23060      | 10 | 25      | 0         | 23.22                 |
| 16QAM      | 704                     | 23060      | 10 | 25      | 12        | 23.34                 |
| 16QAM      | 704                     | 23060      | 10 | 25      | 25        | 23.25                 |
| 16QAM      | 704                     | 23060      | 10 | 50      | 0         | 23.24                 |
| 16QAM      | 707.5                   | 23095      | 10 | 1       | 0         | 24.10                 |
| 16QAM      | 707.5                   | 23095      | 10 | 1       | 25        | 23.84                 |
| 16QAM      | 707.5                   | 23095      | 10 | 1       | 49        | 23.93                 |
| 16QAM      | 707.5                   | 23095      | 10 | 25      | 0         | 23.20                 |
| 16QAM      | 707.5                   | 23095      | 10 | 25      | 12        | 23.38                 |
| 16QAM      | 707.5                   | 23095      | 10 | 25      | 25        | 23.31                 |
| 16QAM      | 707.5                   | 23095      | 10 | 50      | 0         | 23.26                 |
| 16QAM      | 711                     | 23130      | 10 | 1       | 0         | 23.88                 |
| 16QAM      | 711                     | 23130      | 10 | 1       | 25        | 23.94                 |
| 16QAM      | 711                     | 23130      | 10 | 1       | 49        | 23.86                 |
| 16QAM      | 711                     | 23130      | 10 | 25      | 0         | 23.15                 |
| 16QAM      | 711                     | 23130      | 10 | 25      | 12        | 23.19                 |
| 16QAM      | 711                     | 23130      | 10 | 25      | 25        | 23.30                 |
| 16QAM      | 711                     | 23130      | 10 | 50      | 0         | 23.14                 |
| 64QAM      | 704                     | 23060      | 10 | 1       | 0         | 23.46                 |
| 64QAM      | 704                     | 23060      | 10 | 1       | 25        | 23.46                 |
| 64QAM      | 704                     | 23060      | 10 | 1       | 49        | 23.44                 |
| 64QAM      | 704                     | 23060      | 10 | 25      | 0         | 22.13                 |
| 64QAM      | 704                     | 23060      | 10 | 25      | 12        | 22.30                 |
| 64QAM      | 704                     | 23060      | 10 | 25      | 25        | 22.26                 |
| 64QAM      | 704                     | 23060      | 10 | 50      | 0         | 22.19                 |
| 64QAM      | 707.5                   | 23095      | 10 | 1       | 0         | 23.47                 |
| 64QAM      | 707.5                   | 23095      | 10 | 1       | 25        | 23.30                 |
| 64QAM      | 707.5                   | 23095      | 10 | 1       | 49        | 23.64                 |
| 64QAM      | 707.5                   | 23095      | 10 | 25      | 0         | 22.18                 |
| 64QAM      | 707.5                   | 23095      | 10 | 25      | 12        | 22.39                 |
| 64QAM      | 707.5                   | 23095      | 10 | 25      | 25        | 22.34                 |
| 64QAM      | 707.5                   | 23095      | 10 | 50      | 0         | 22.24                 |
| 64QAM      | 711                     | 23130      | 10 | 1       | 0         | 23.40                 |
| 64QAM      | 711                     | 23130      | 10 | 1       | 25        | 23.52                 |
| 64QAM      | 711                     | 23130      | 10 | 1       | 49        | 23.56                 |
| 64QAM      | 711                     | 23130      | 10 | 25      | 0         | 22.21                 |
| 64QAM      | 711                     | 23130      | 10 | 25      | 12        | 22.27                 |
| 64QAM      | 711                     | 23130      | 10 | 25      | 25        | 22.24                 |
| 64QAM      | 711                     | 23130      | 10 | 50      | 0         | 22.24                 |



## 2 Occupied Bandwidth

| Band | Mode | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of 99% Power (MHz) |        |
|------|------|-------------------------|---------|----------|---------|-----------|------------------------------|--------|
| 12   | QPSK | 699.7                   | 23017   | 1.4      | 6       | 0         | 1.078                        | Fig.1  |
| 12   | QPSK | 707.5                   | 23095   | 1.4      | 6       | 0         | 1.077                        | Fig.2  |
| 12   | QPSK | 715.3                   | 23173   | 1.4      | 6       | 0         | 1.077                        | Fig.3  |
| 12   | QPSK | 700.5                   | 23025   | 3        | 15      | 0         | 2.680                        | Fig.4  |
| 12   | QPSK | 707.5                   | 23095   | 3        | 15      | 0         | 2.684                        | Fig.5  |
| 12   | QPSK | 714.5                   | 23165   | 3        | 15      | 0         | 2.678                        | Fig.6  |
| 12   | QPSK | 701.5                   | 23035   | 5        | 25      | 0         | 4.463                        | Fig.7  |
| 12   | QPSK | 707.5                   | 23095   | 5        | 25      | 0         | 4.477                        | Fig.8  |
| 12   | QPSK | 713.5                   | 23155   | 5        | 25      | 0         | 4.473                        | Fig.9  |
| 12   | QPSK | 704                     | 23060   | 10       | 50      | 0         | 8.910                        | Fig.10 |
| 12   | QPSK | 707.5                   | 23095   | 10       | 50      | 0         | 8.900                        | Fig.11 |
| 12   | QPSK | 711                     | 23130   | 10       | 50      | 0         | 8.934                        | Fig.12 |

| Band | Mode  | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of 99% Power (MHz) |        |
|------|-------|-------------------------|---------|----------|---------|-----------|------------------------------|--------|
| 12   | 16QAM | 699.7                   | 23017   | 1.4      | 6       | 0         | 1.076                        | Fig.13 |
| 12   | 16QAM | 707.5                   | 23095   | 1.4      | 6       | 0         | 1.078                        | Fig.14 |
| 12   | 16QAM | 715.3                   | 23173   | 1.4      | 6       | 0         | 1.077                        | Fig.15 |
| 12   | 16QAM | 700.5                   | 23025   | 3        | 15      | 0         | 2.685                        | Fig.16 |
| 12   | 16QAM | 707.5                   | 23095   | 3        | 15      | 0         | 2.680                        | Fig.17 |
| 12   | 16QAM | 714.5                   | 23165   | 3        | 15      | 0         | 2.674                        | Fig.18 |
| 12   | 16QAM | 701.5                   | 23035   | 5        | 25      | 0         | 4.450                        | Fig.19 |
| 12   | 16QAM | 707.5                   | 23095   | 5        | 25      | 0         | 4.471                        | Fig.20 |
| 12   | 16QAM | 713.5                   | 23155   | 5        | 25      | 0         | 4.463                        | Fig.21 |
| 12   | 16QAM | 704                     | 23060   | 10       | 50      | 0         | 8.892                        | Fig.22 |
| 12   | 16QAM | 707.5                   | 23095   | 10       | 50      | 0         | 8.890                        | Fig.23 |
| 12   | 16QAM | 711                     | 23130   | 10       | 50      | 0         | 8.956                        | Fig.24 |

| Band | Mode  | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of 99% Power (MHz) |        |
|------|-------|-------------------------|---------|----------|---------|-----------|------------------------------|--------|
| 12   | 64QAM | 699.7                   | 23017   | 1.4      | 6       | 0         | 1.079                        | Fig.25 |
| 12   | 64QAM | 707.5                   | 23095   | 1.4      | 6       | 0         | 1.080                        | Fig.26 |
| 12   | 64QAM | 715.3                   | 23173   | 1.4      | 6       | 0         | 1.079                        | Fig.27 |
| 12   | 64QAM | 700.5                   | 23025   | 3        | 15      | 0         | 2.669                        | Fig.28 |
| 12   | 64QAM | 707.5                   | 23095   | 3        | 15      | 0         | 2.682                        | Fig.29 |
| 12   | 64QAM | 714.5                   | 23165   | 3        | 15      | 0         | 2.680                        | Fig.30 |
| 12   | 64QAM | 701.5                   | 23035   | 5        | 25      | 0         | 4.467                        | Fig.31 |
| 12   | 64QAM | 707.5                   | 23095   | 5        | 25      | 0         | 4.449                        | Fig.32 |
| 12   | 64QAM | 713.5                   | 23155   | 5        | 25      | 0         | 4.471                        | Fig.33 |
| 12   | 64QAM | 704                     | 23060   | 10       | 50      | 0         | 8.953                        | Fig.34 |
| 12   | 64QAM | 707.5                   | 23095   | 10       | 50      | 0         | 8.913                        | Fig.35 |
| 12   | 64QAM | 711                     | 23130   | 10       | 50      | 0         | 8.950                        | Fig.36 |

Test Mode: QPSK

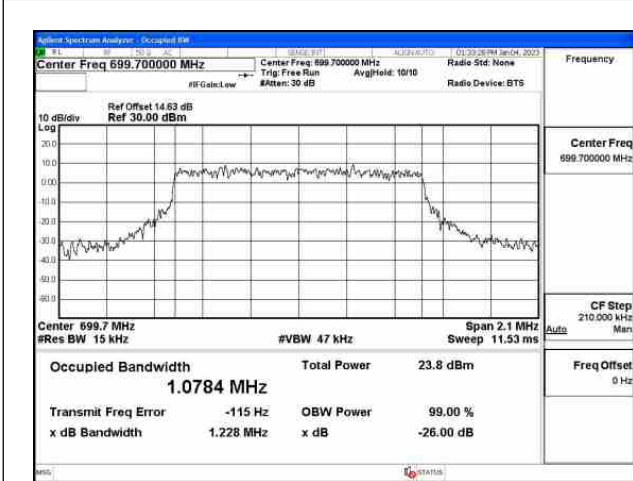


Fig.1

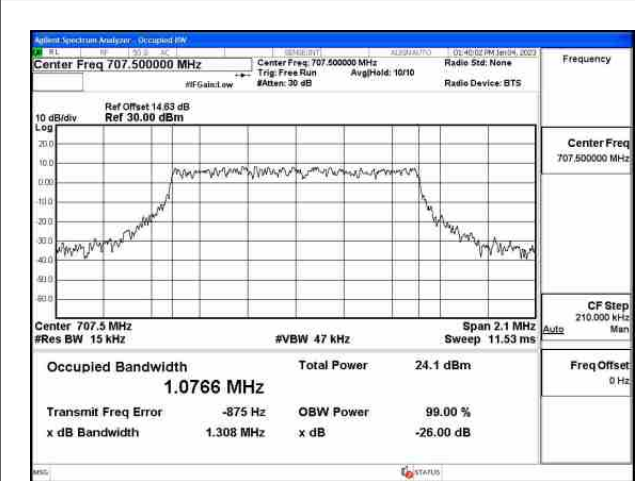


Fig.2

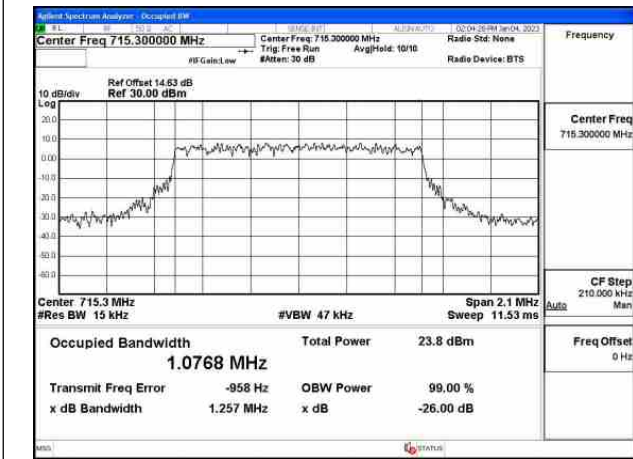


Fig.3

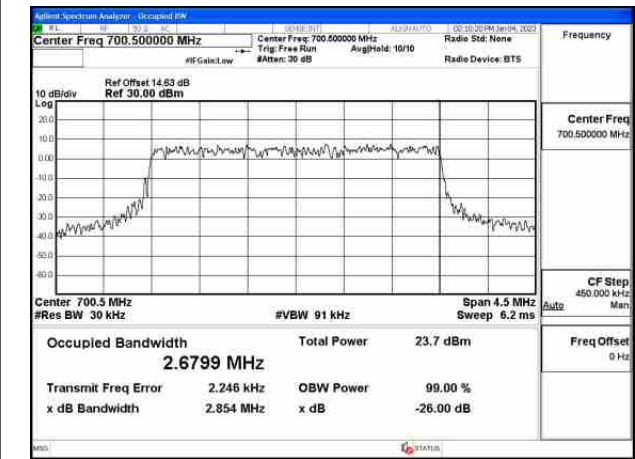


Fig.4

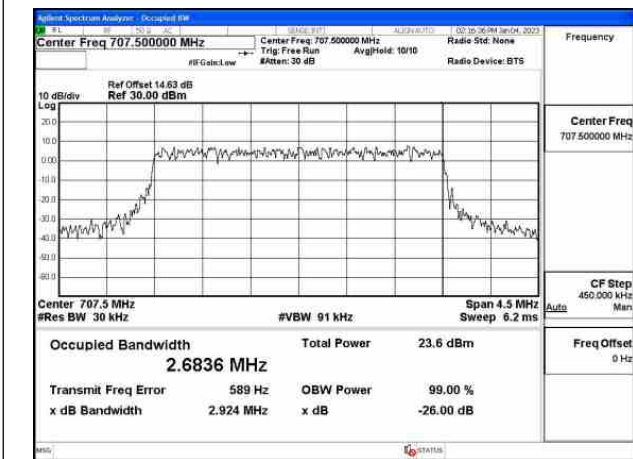


Fig.5

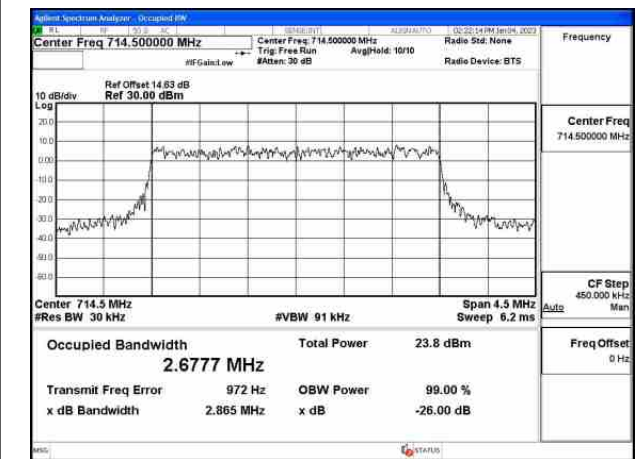


Fig.6

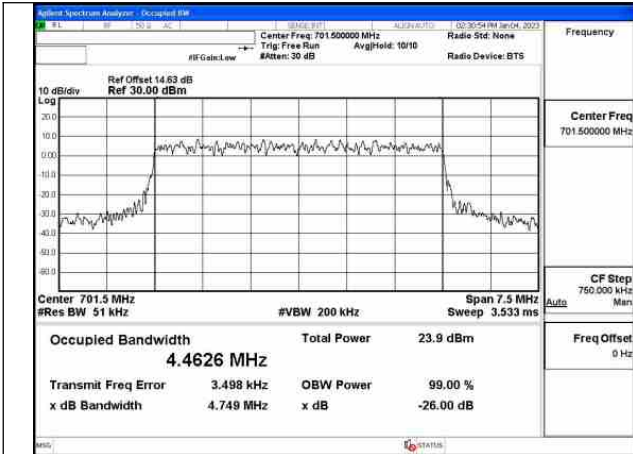


Fig.7

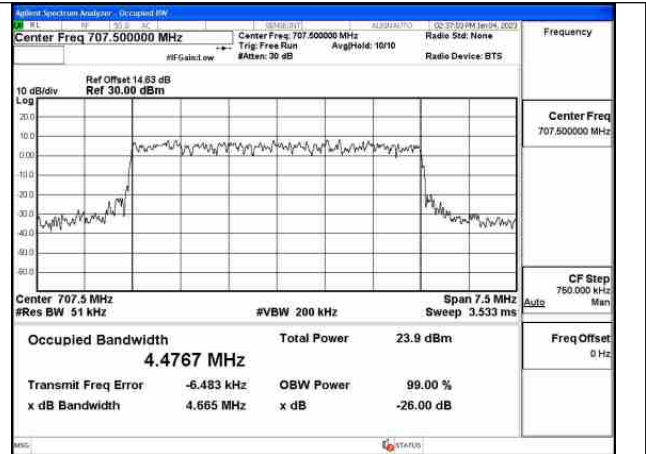


Fig.8

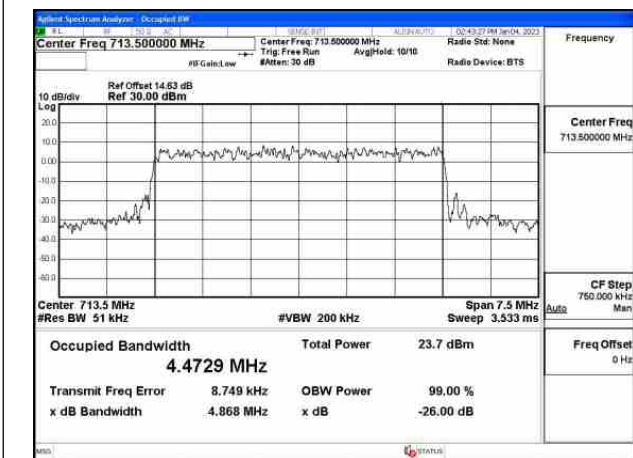


Fig.9

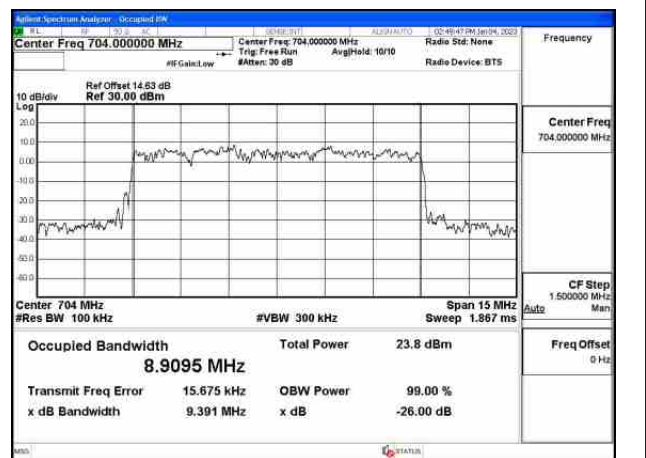


Fig.10

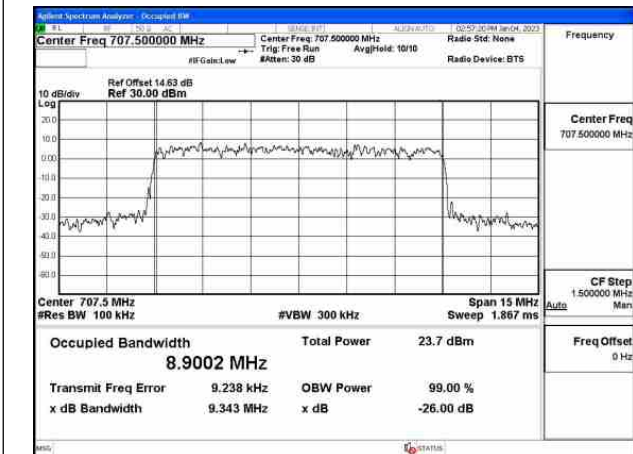


Fig.11

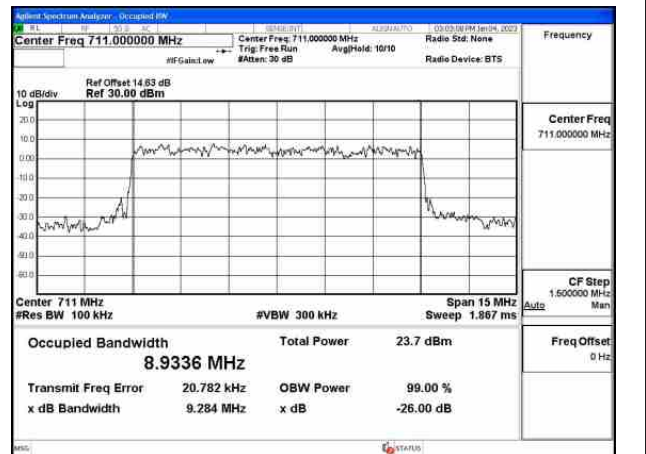


Fig.12

Test Mode: 16QAM

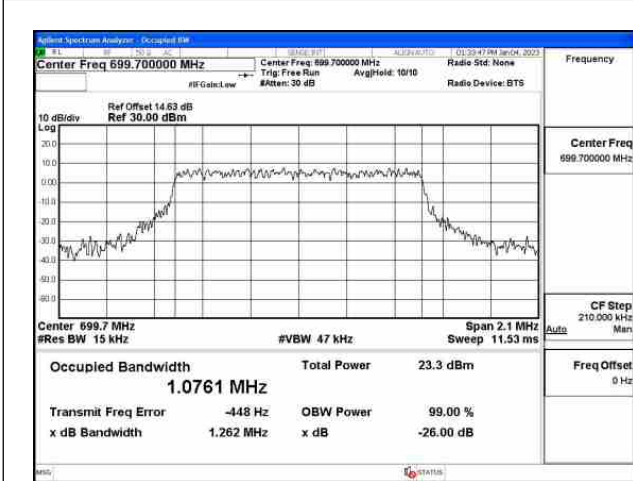


Fig.13

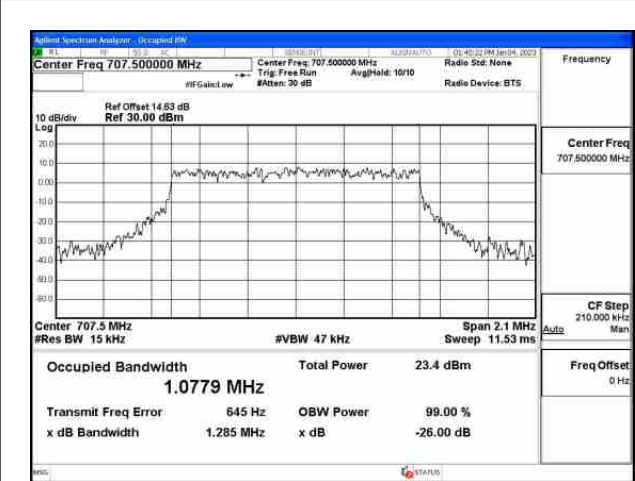


Fig.14

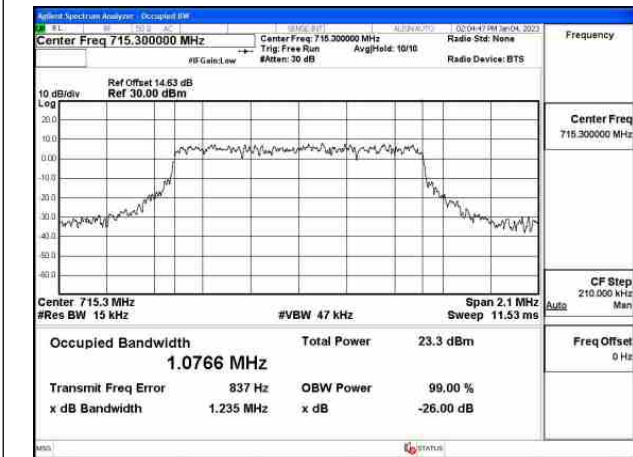


Fig.15

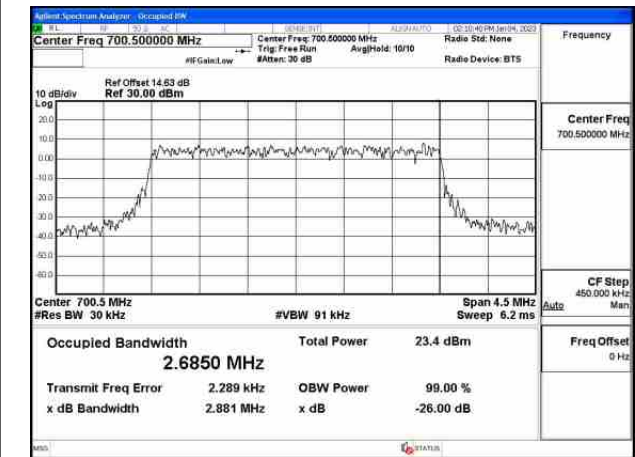


Fig.16

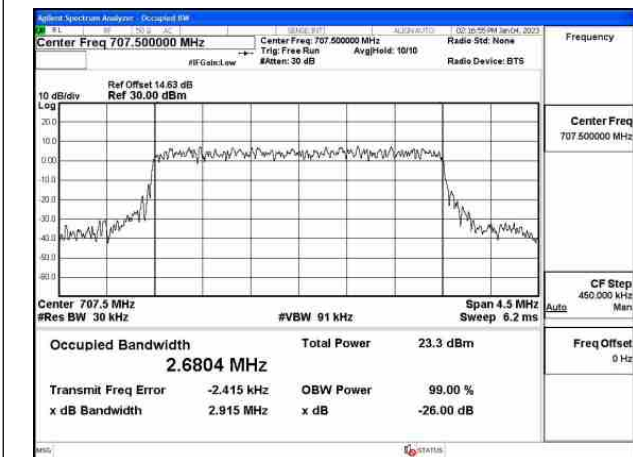


Fig.17

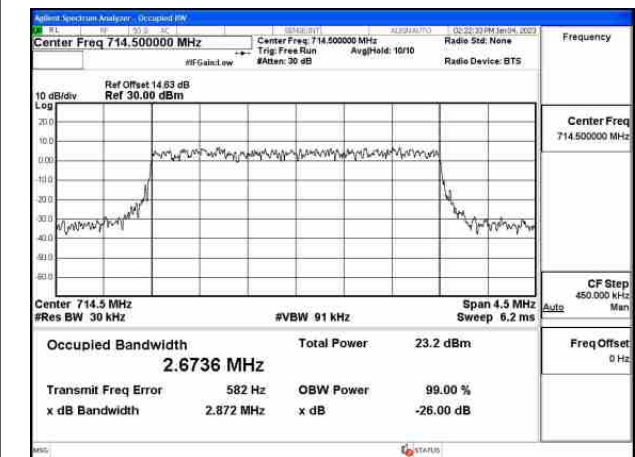


Fig.18

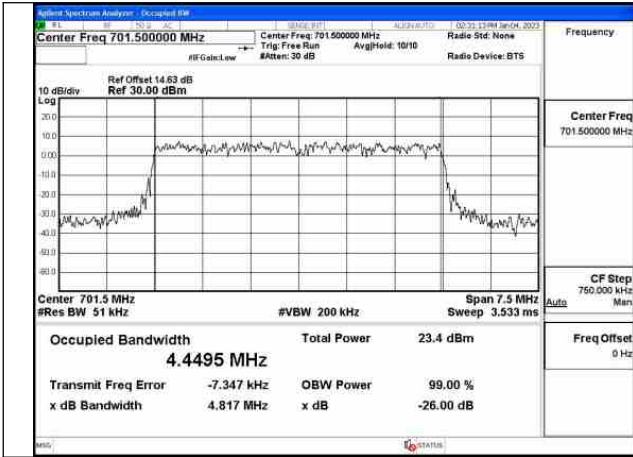


Fig.19

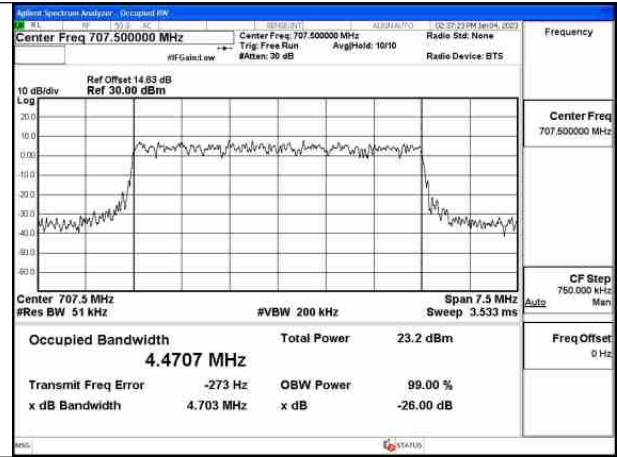


Fig.20

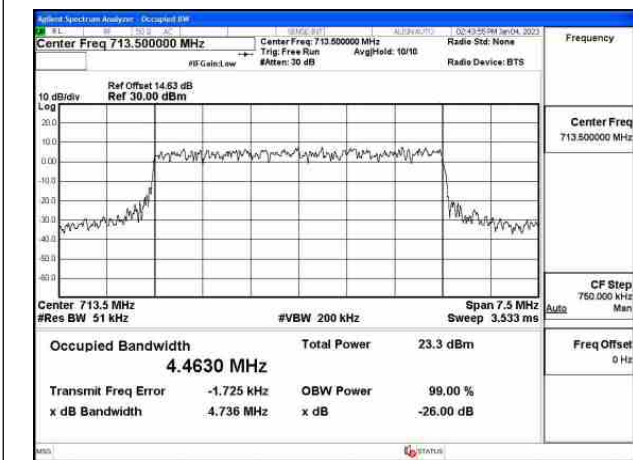


Fig.21

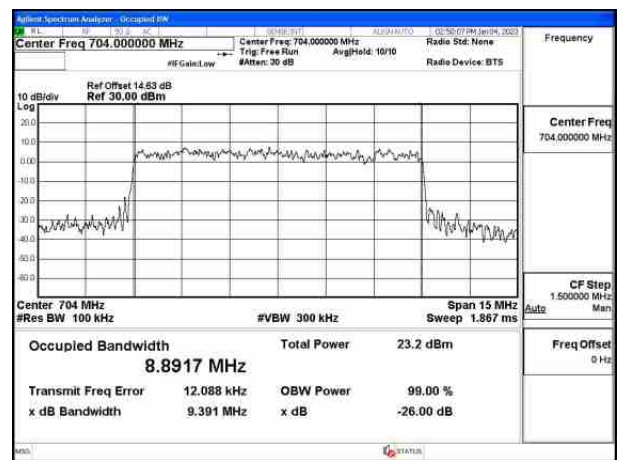


Fig.22

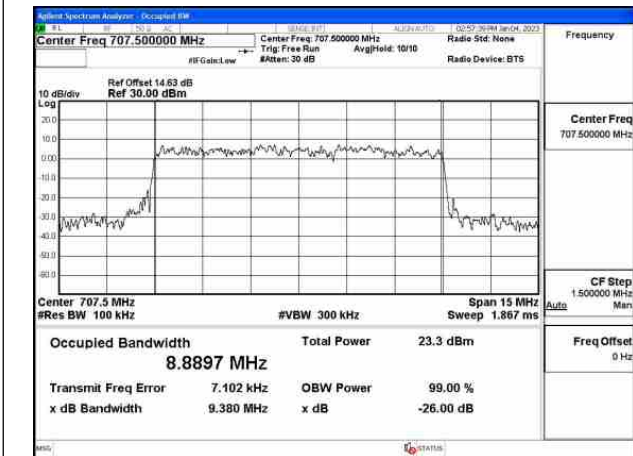


Fig.23

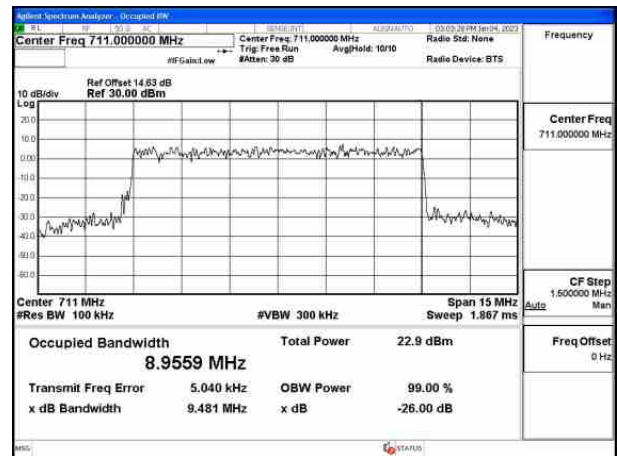


Fig.24

Test Mode: 64QAM

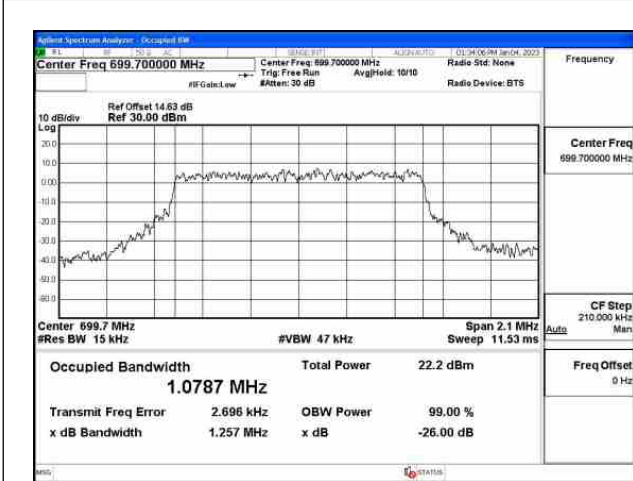


Fig.25

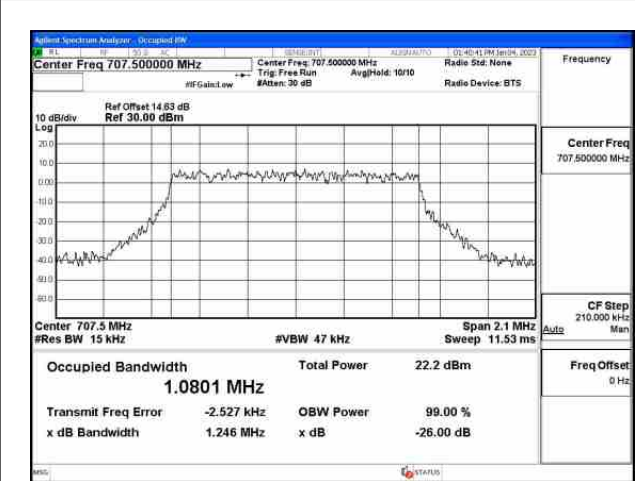


Fig.26

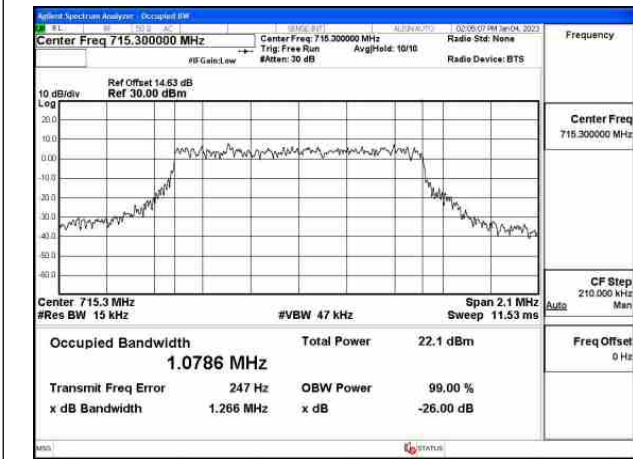


Fig.27

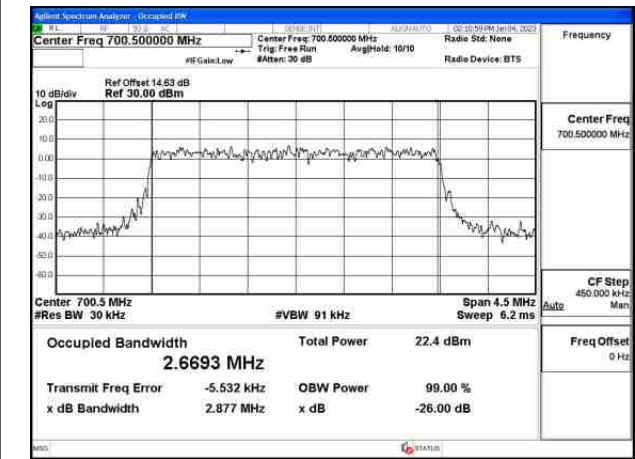


Fig.28

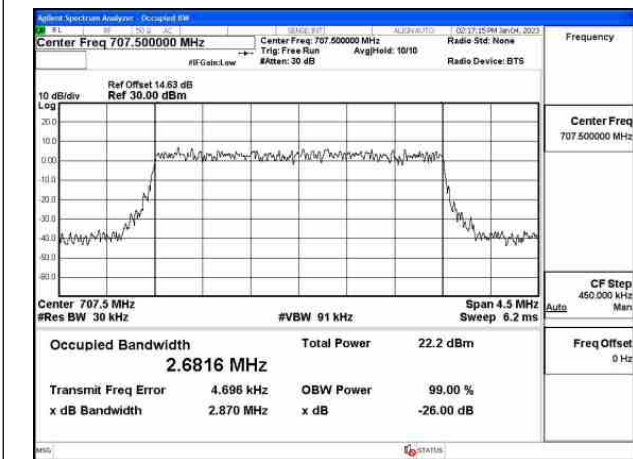


Fig.29

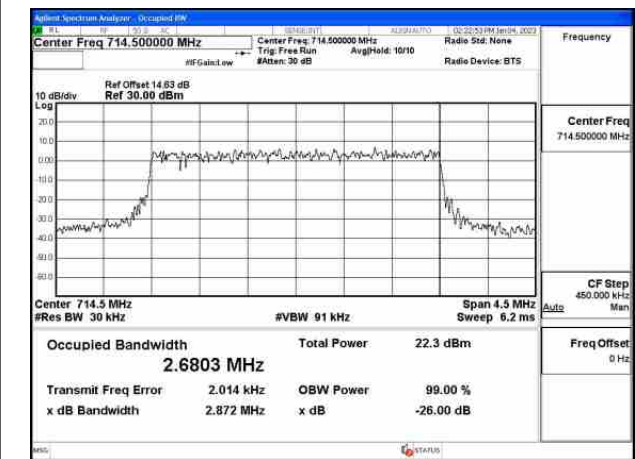


Fig.30



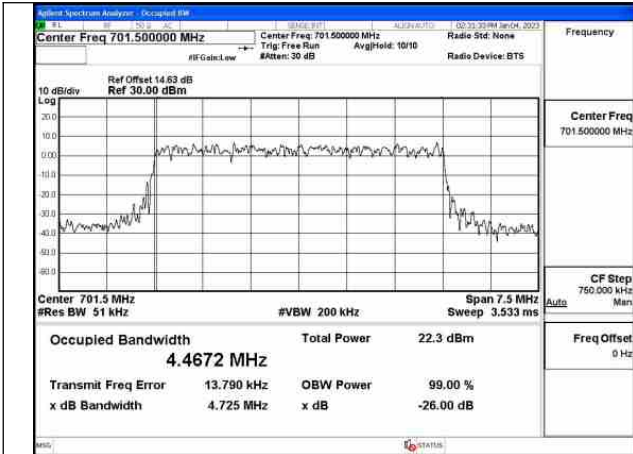


Fig.31

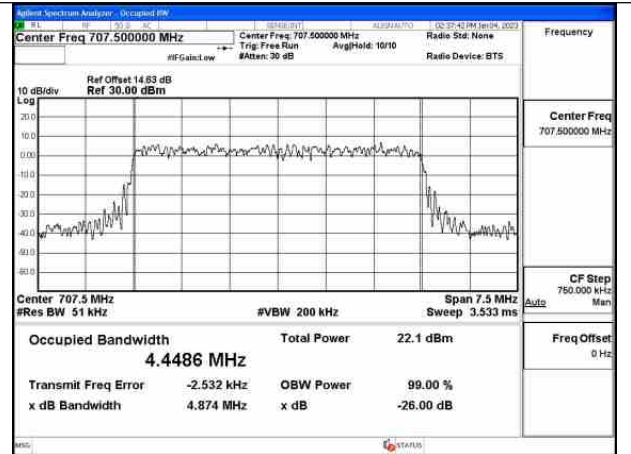


Fig.32

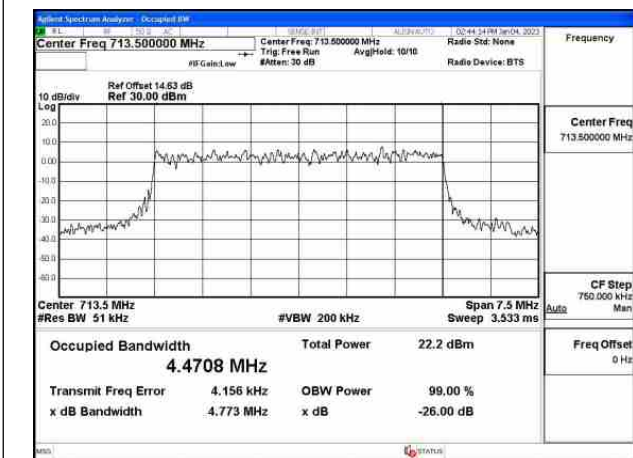


Fig.33

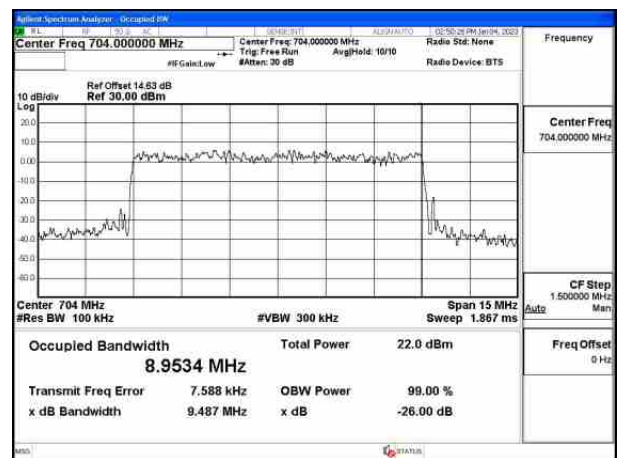


Fig.34

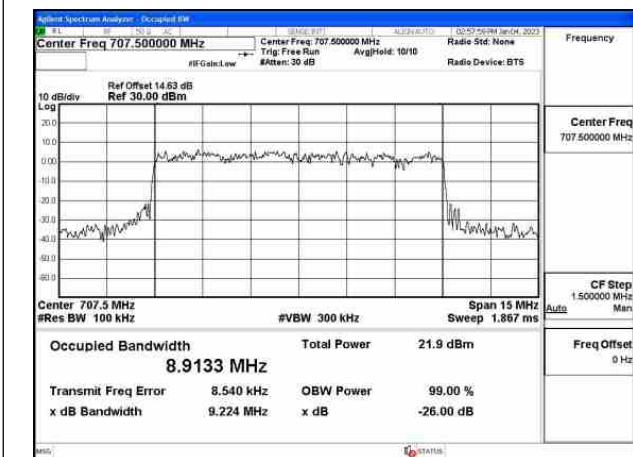


Fig.35

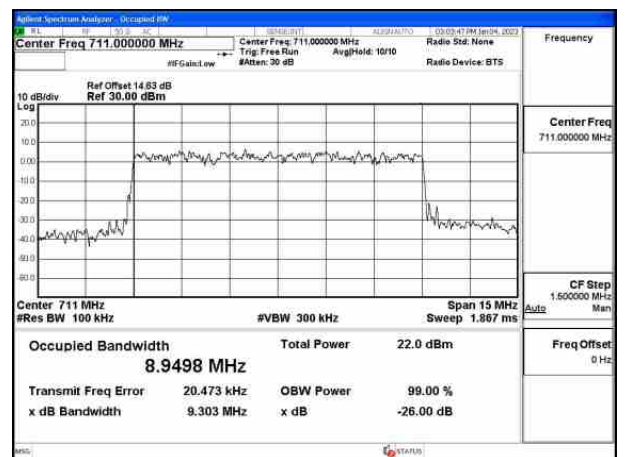


Fig.36

**3 Emission Bandwidth**

| Band | Mode | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of -26dB transmitter power (MHz) |        |
|------|------|-------------------------|---------|----------|---------|-----------|--|--------|
| 12   | QPSK | 699.7                   | 23017   | 1.4      | 6       | 0         | 1.228                                      | Fig.1  |
| 12   | QPSK | 707.5                   | 23095   | 1.4      | 6       | 0         | 1.308                                      | Fig.2  |
| 12   | QPSK | 715.3                   | 23173   | 1.4      | 6       | 0         | 1.257                                      | Fig.3  |
| 12   | QPSK | 700.5                   | 23025   | 3        | 15      | 0         | 2.854                                      | Fig.4  |
| 12   | QPSK | 707.5                   | 23095   | 3        | 15      | 0         | 2.924                                      | Fig.5  |
| 12   | QPSK | 714.5                   | 23165   | 3        | 15      | 0         | 2.865                                      | Fig.6  |
| 12   | QPSK | 701.5                   | 23035   | 5        | 25      | 0         | 4.749                                      | Fig.7  |
| 12   | QPSK | 707.5                   | 23095   | 5        | 25      | 0         | 4.665                                      | Fig.8  |
| 12   | QPSK | 713.5                   | 23155   | 5        | 25      | 0         | 4.868                                      | Fig.9  |
| 12   | QPSK | 704                     | 23060   | 10       | 50      | 0         | 9.391                                      | Fig.10 |
| 12   | QPSK | 707.5                   | 23095   | 10       | 50      | 0         | 9.343                                      | Fig.11 |
| 12   | QPSK | 711                     | 23130   | 10       | 50      | 0         | 9.284                                      | Fig.12 |

| Band | Mode  | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of -26dB transmitter power (MHz) |        |
|------|-------|-------------------------|---------|----------|---------|-----------|--|--------|
| 12   | 16QAM | 699.7                   | 23017   | 1.4      | 6       | 0         | 1.262                                      | Fig.13 |
| 12   | 16QAM | 707.5                   | 23095   | 1.4      | 6       | 0         | 1.285                                      | Fig.14 |
| 12   | 16QAM | 715.3                   | 23173   | 1.4      | 6       | 0         | 1.235                                      | Fig.15 |
| 12   | 16QAM | 700.5                   | 23025   | 3        | 15      | 0         | 2.881                                      | Fig.16 |
| 12   | 16QAM | 707.5                   | 23095   | 3        | 15      | 0         | 2.915                                      | Fig.17 |
| 12   | 16QAM | 714.5                   | 23165   | 3        | 15      | 0         | 2.872                                      | Fig.18 |
| 12   | 16QAM | 701.5                   | 23035   | 5        | 25      | 0         | 4.817                                      | Fig.19 |
| 12   | 16QAM | 707.5                   | 23095   | 5        | 25      | 0         | 4.703                                      | Fig.20 |
| 12   | 16QAM | 713.5                   | 23155   | 5        | 25      | 0         | 4.736                                      | Fig.21 |
| 12   | 16QAM | 704                     | 23060   | 10       | 50      | 0         | 9.391                                      | Fig.22 |
| 12   | 16QAM | 707.5                   | 23095   | 10       | 50      | 0         | 9.380                                      | Fig.23 |
| 12   | 16QAM | 711                     | 23130   | 10       | 50      | 0         | 9.481                                      | Fig.24 |

| Band | Mode  | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of -26dB transmitter power (MHz) |        |
|------|-------|-------------------------|---------|----------|---------|-----------|--|--------|
| 12   | 64QAM | 699.7                   | 23017   | 1.4      | 6       | 0         | 1.257                                      | Fig.25 |
| 12   | 64QAM | 707.5                   | 23095   | 1.4      | 6       | 0         | 1.246                                      | Fig.26 |
| 12   | 64QAM | 715.3                   | 23173   | 1.4      | 6       | 0         | 1.266                                      | Fig.27 |
| 12   | 64QAM | 700.5                   | 23025   | 3        | 15      | 0         | 2.877                                      | Fig.28 |
| 12   | 64QAM | 707.5                   | 23095   | 3        | 15      | 0         | 2.870                                      | Fig.29 |
| 12   | 64QAM | 714.5                   | 23165   | 3        | 15      | 0         | 2.872                                      | Fig.30 |
| 12   | 64QAM | 701.5                   | 23035   | 5        | 25      | 0         | 4.725                                      | Fig.31 |
| 12   | 64QAM | 707.5                   | 23095   | 5        | 25      | 0         | 4.874                                      | Fig.32 |
| 12   | 64QAM | 713.5                   | 23155   | 5        | 25      | 0         | 4.773                                      | Fig.33 |
| 12   | 64QAM | 704                     | 23060   | 10       | 50      | 0         | 9.487                                      | Fig.34 |
| 12   | 64QAM | 707.5                   | 23095   | 10       | 50      | 0         | 9.224                                      | Fig.35 |
| 12   | 64QAM | 711                     | 23130   | 10       | 50      | 0         | 9.303                                      | Fig.36 |

Test Mode: QPSK

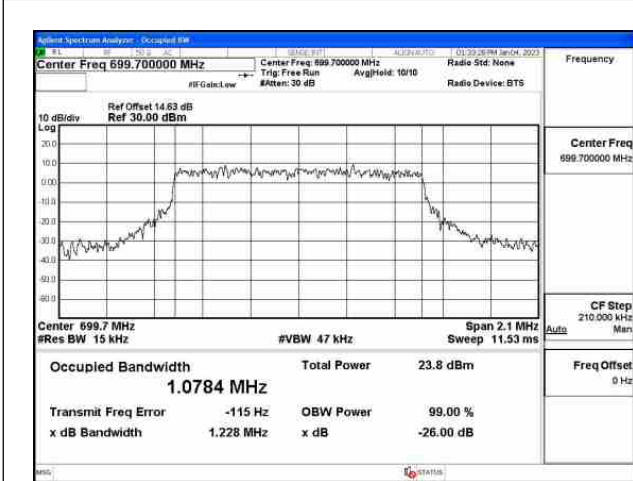


Fig.1

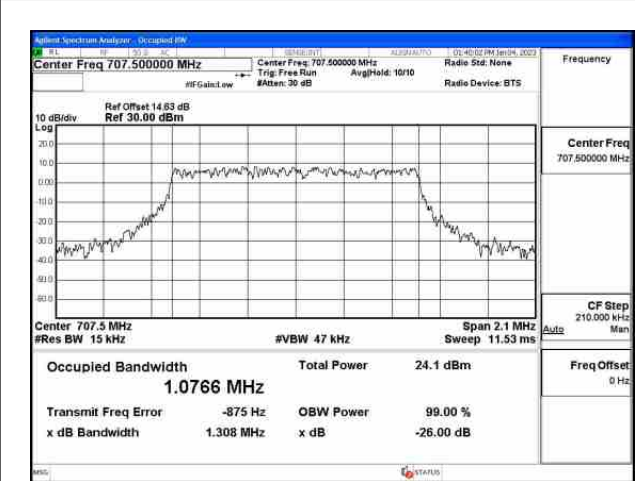


Fig.2

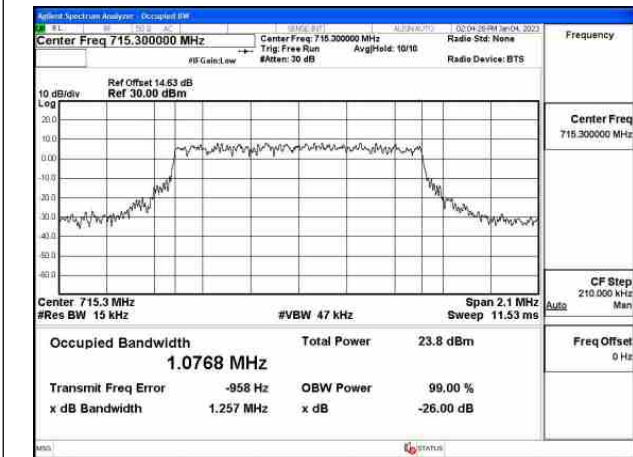


Fig.3

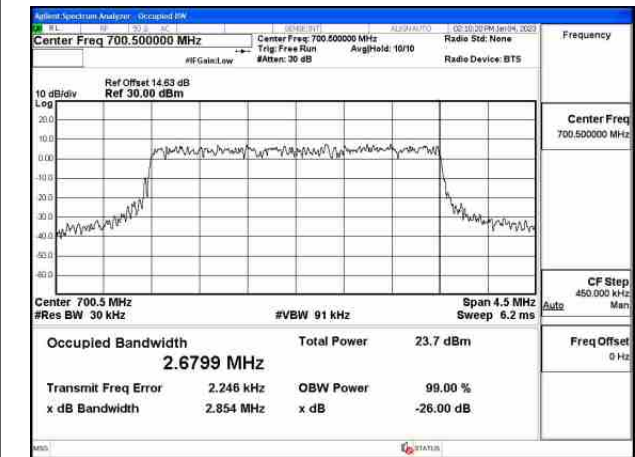


Fig.4

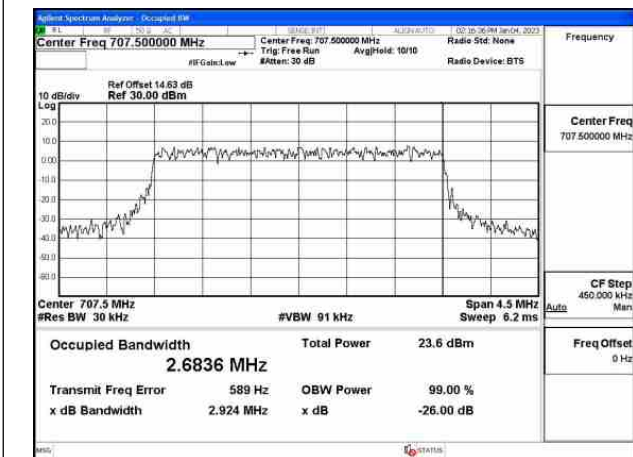


Fig.5

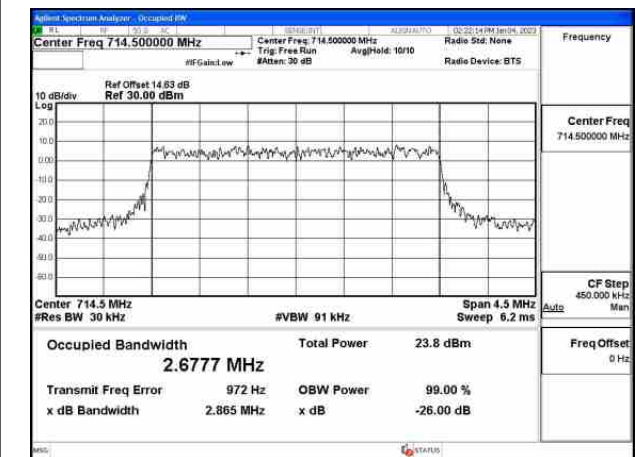


Fig.6

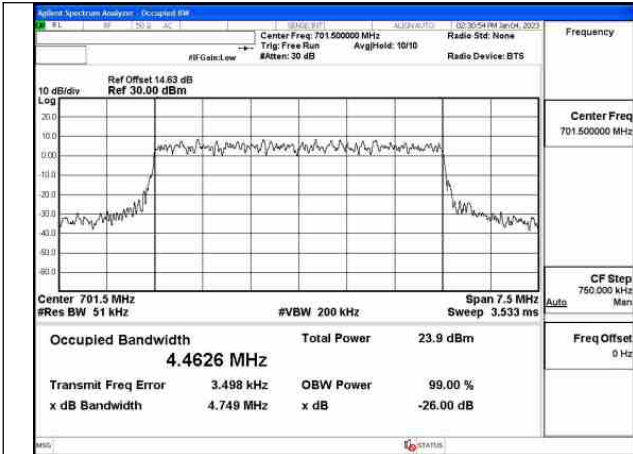


Fig.7

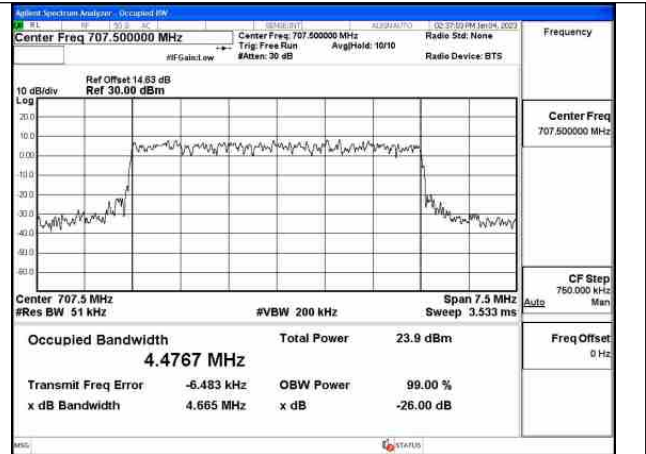


Fig.8

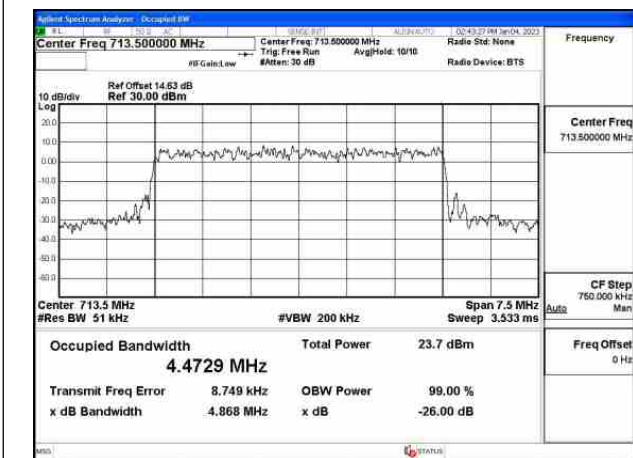


Fig.9

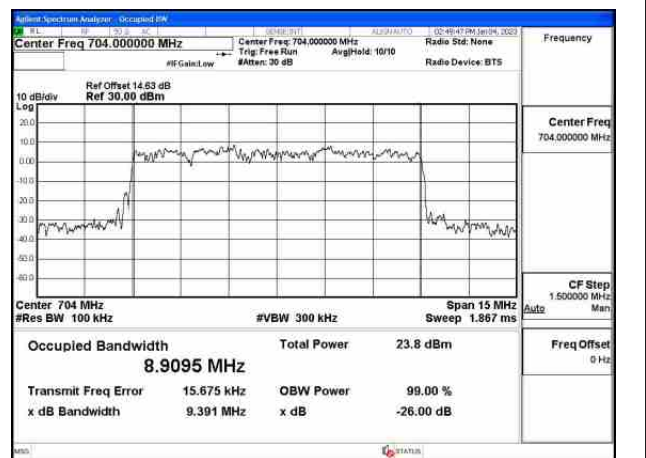


Fig.10

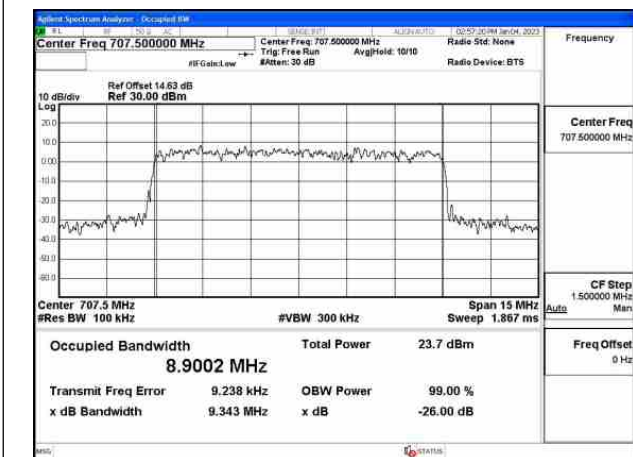


Fig.11

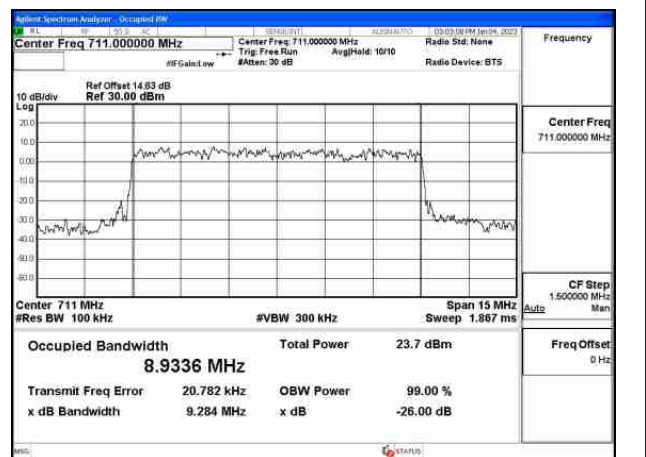


Fig.12

Test Mode: 16QAM

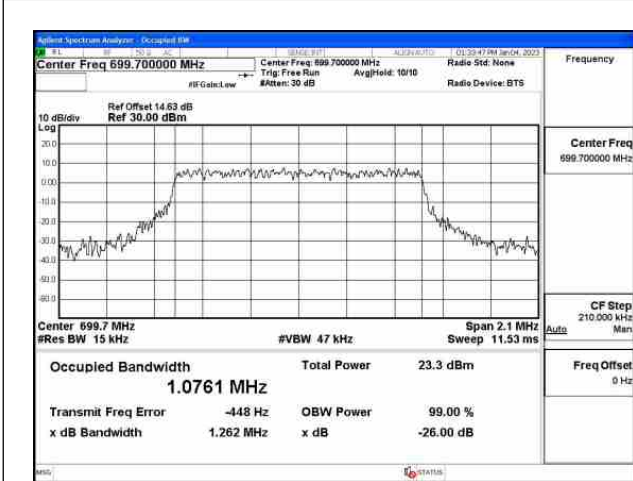


Fig.13

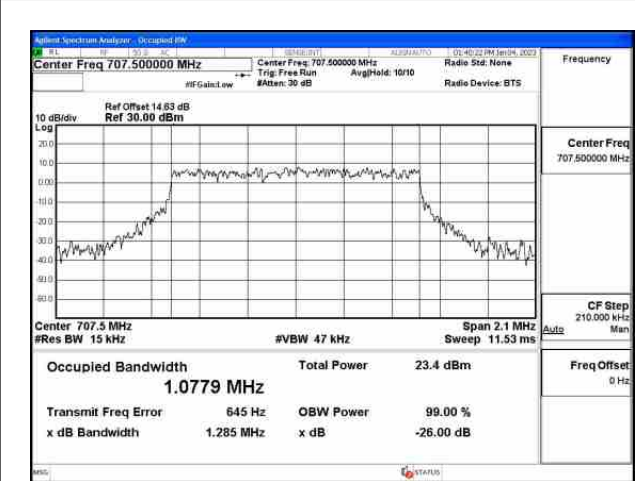


Fig.14

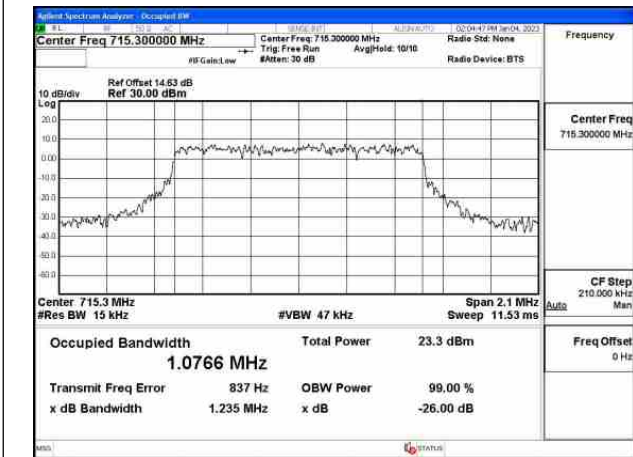


Fig.15

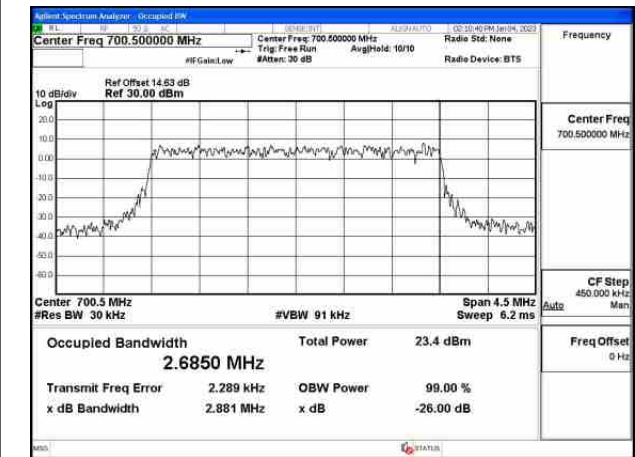


Fig.16

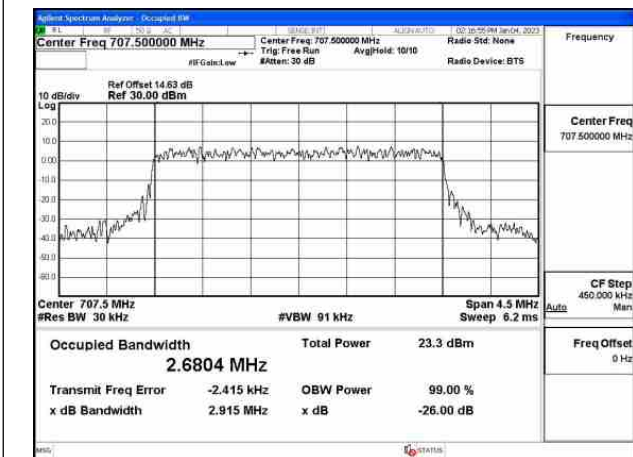


Fig.17

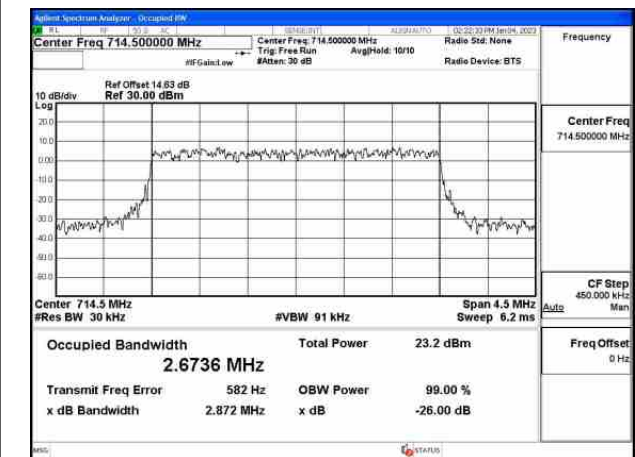


Fig.18

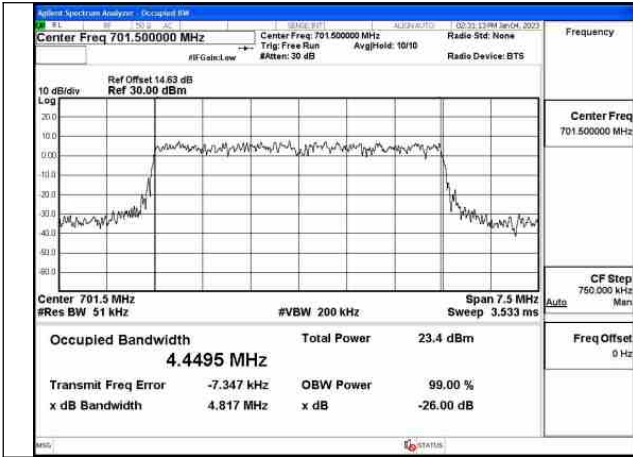


Fig.19

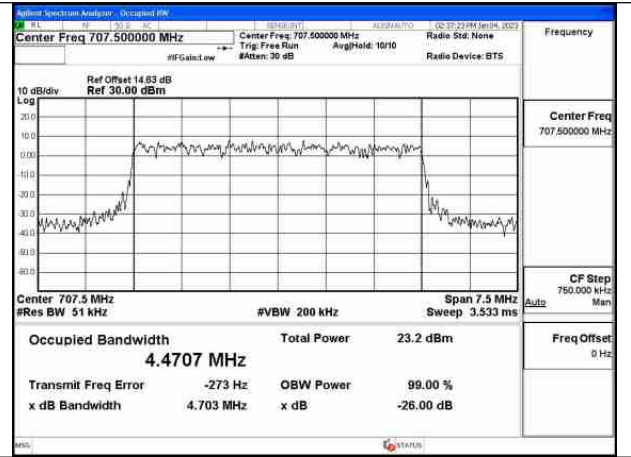


Fig.20

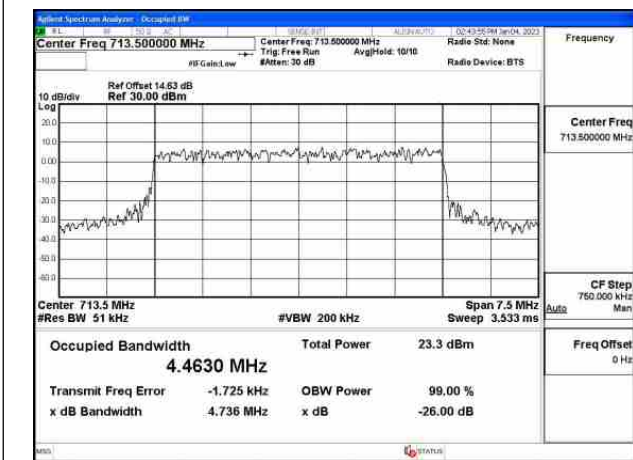


Fig.21

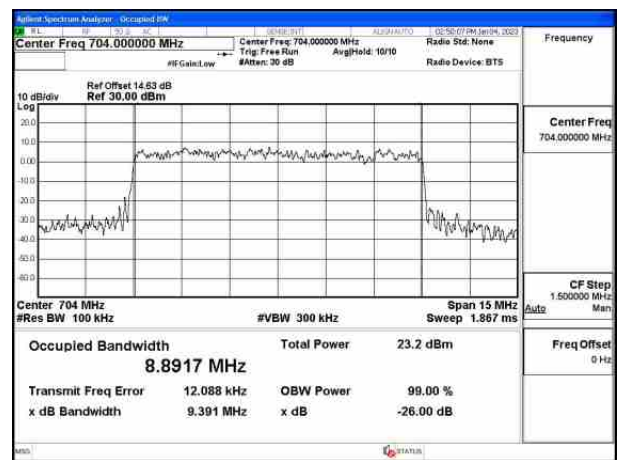


Fig.22

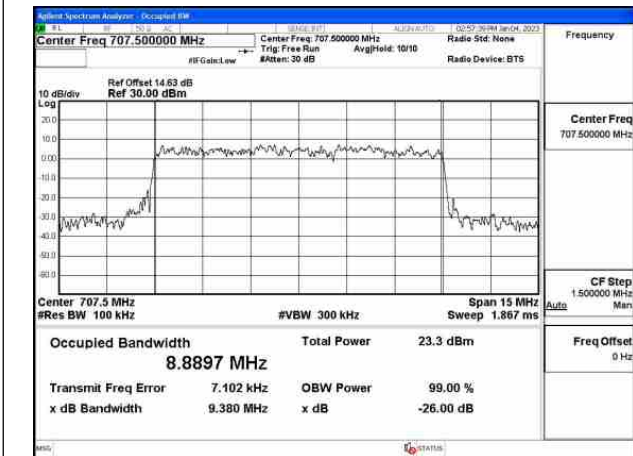


Fig.23

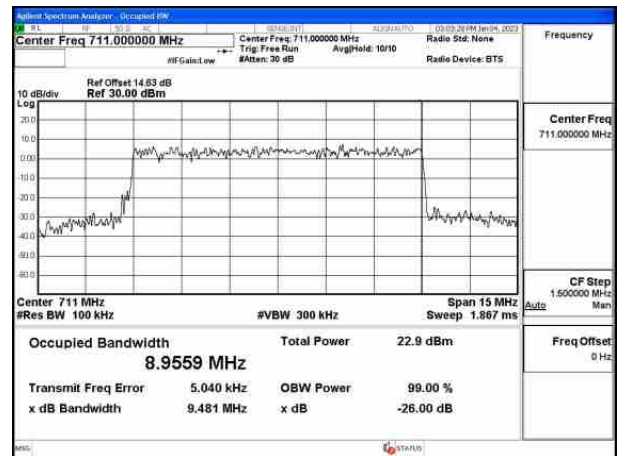


Fig.24



Test Mode: 64QAM

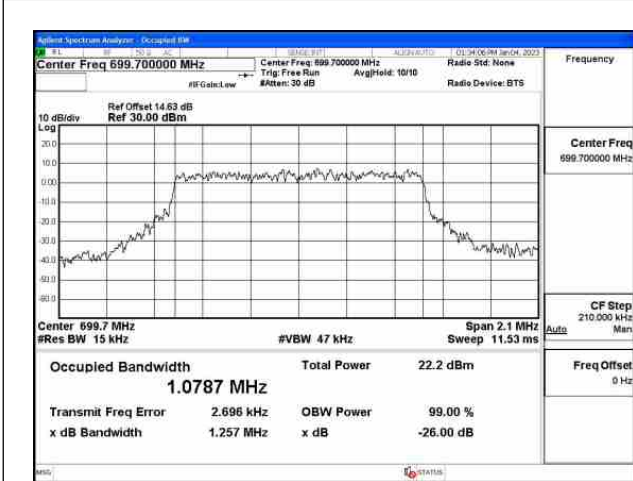


Fig.25

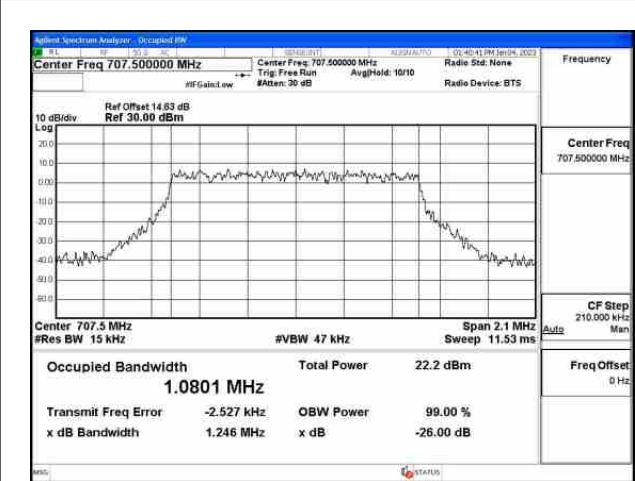


Fig.26

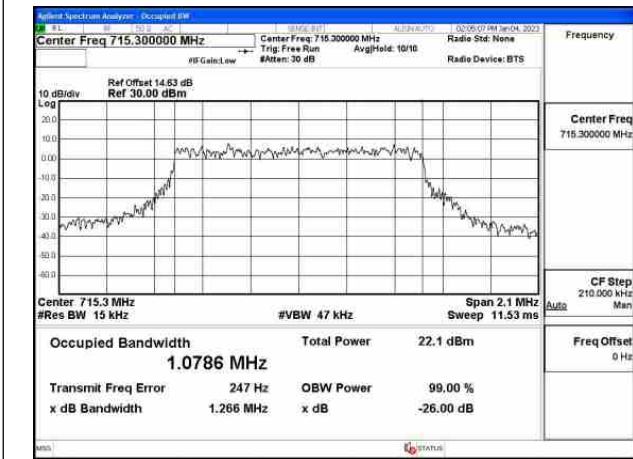


Fig.27

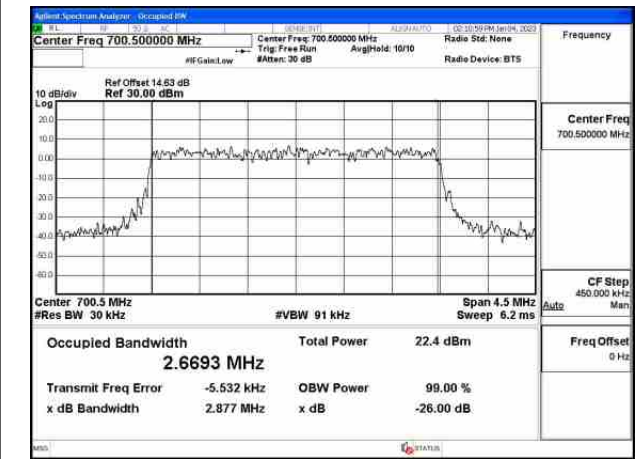


Fig.28

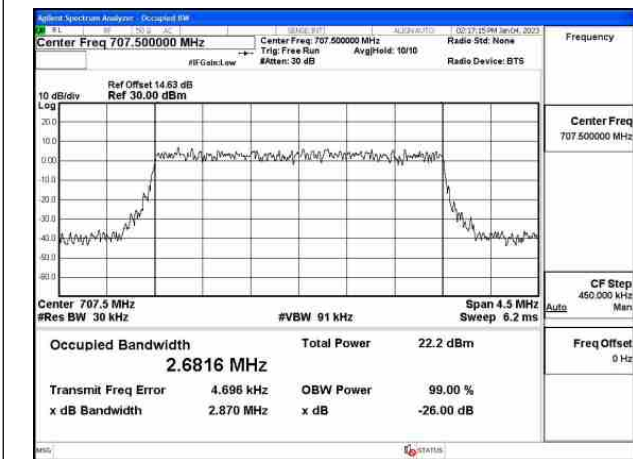


Fig.29

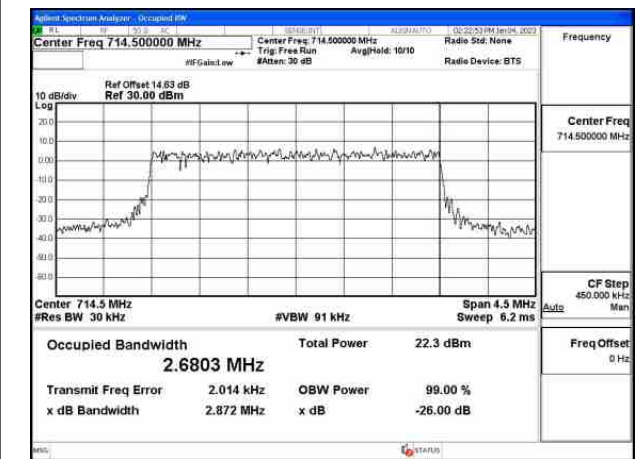


Fig.30

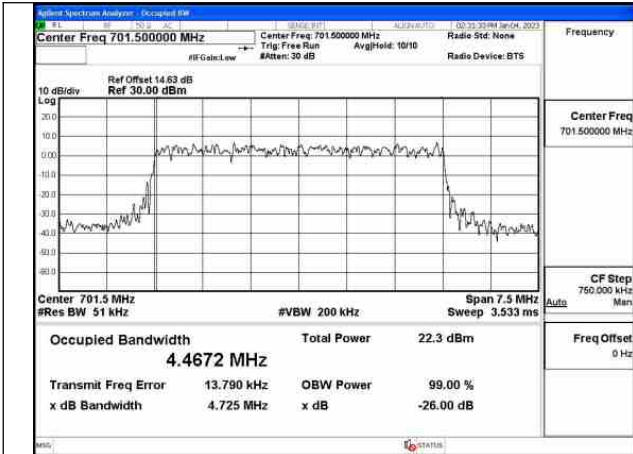


Fig.31

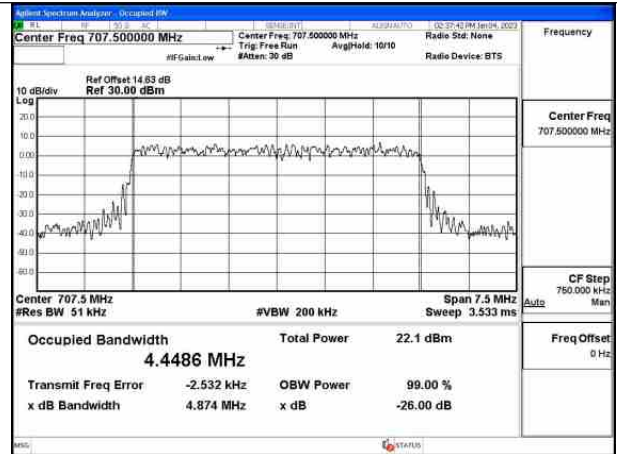


Fig.32

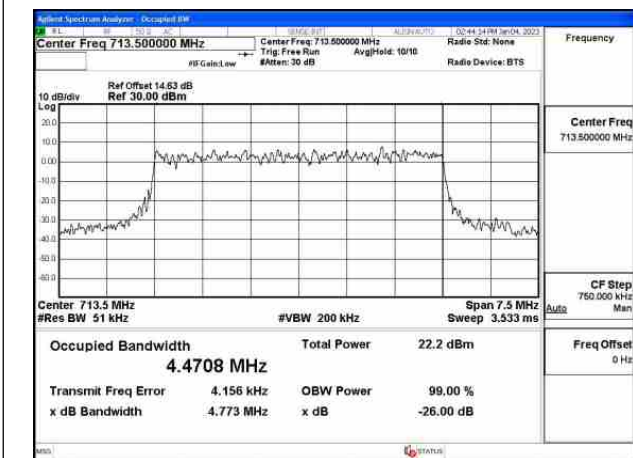


Fig.33

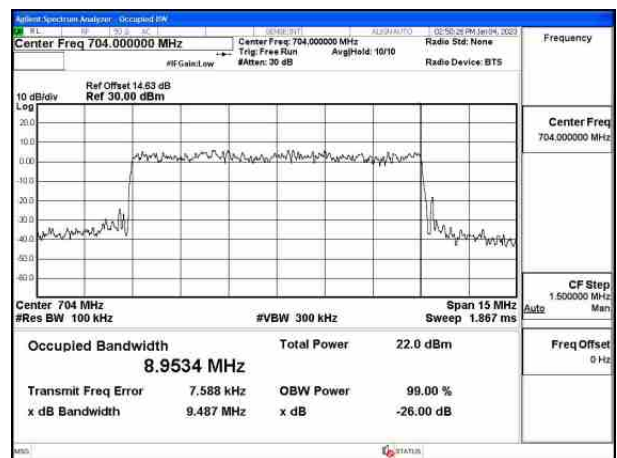


Fig.34

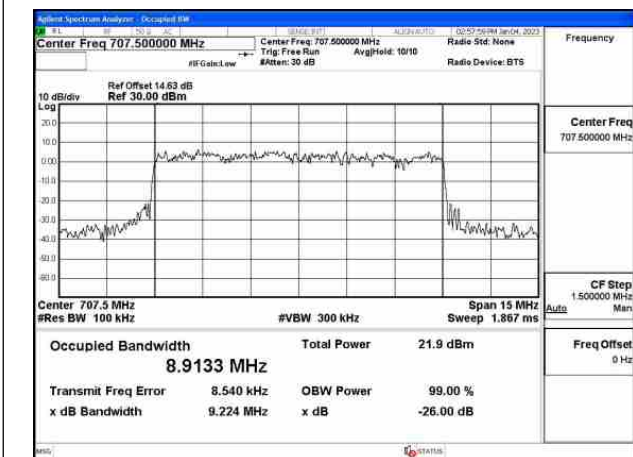


Fig.35

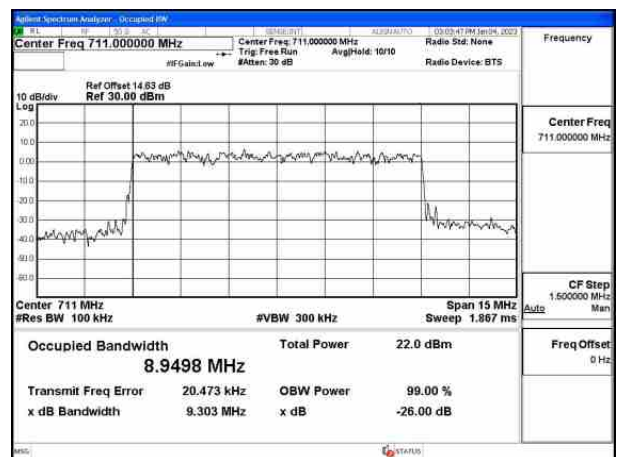


Fig.36

#### 4 Peak-Average Ratio

| Band | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | QPSK   | 16-QAM | 64-QAM |
|------|-------------------------|---------|----------|---------|-----------|--------|--------|--------|
| 12   | 699.7                   | 23017   | 1.4      | 1       | 5         | Fig.1  | Fig.2  | Fig.3  |
| 12   | 699.7                   | 23017   | 1.4      | 6       | 0         | Fig.4  | Fig.5  | Fig.6  |
| 12   | 707.5                   | 23095   | 1.4      | 1       | 5         | Fig.7  | Fig.8  | Fig.9  |
| 12   | 707.5                   | 23095   | 1.4      | 6       | 0         | Fig.10 | Fig.11 | Fig.12 |
| 12   | 700.5                   | 23025   | 3        | 1       | 14        | Fig.13 | Fig.14 | Fig.15 |
| 12   | 700.5                   | 23025   | 3        | 15      | 0         | Fig.16 | Fig.17 | Fig.18 |
| 12   | 707.5                   | 23095   | 3        | 1       | 14        | Fig.19 | Fig.20 | Fig.21 |
| 12   | 707.5                   | 23095   | 3        | 15      | 0         | Fig.22 | Fig.23 | Fig.24 |
| 12   | 714.5                   | 23165   | 3        | 1       | 14        | Fig.25 | Fig.26 | Fig.27 |
| 12   | 714.5                   | 23165   | 3        | 15      | 0         | Fig.28 | Fig.29 | Fig.30 |
| 12   | 701.5                   | 23035   | 5        | 1       | 24        | Fig.31 | Fig.32 | Fig.33 |
| 12   | 701.5                   | 23035   | 5        | 25      | 0         | Fig.34 | Fig.35 | Fig.36 |
| 12   | 707.5                   | 23095   | 5        | 1       | 24        | Fig.37 | Fig.38 | Fig.39 |
| 12   | 707.5                   | 23095   | 5        | 25      | 0         | Fig.40 | Fig.41 | Fig.42 |
| 12   | 713.5                   | 23155   | 5        | 1       | 24        | Fig.43 | Fig.44 | Fig.45 |
| 12   | 713.5                   | 23155   | 5        | 25      | 0         | Fig.46 | Fig.47 | Fig.48 |
| 12   | 704                     | 23060   | 10       | 1       | 49        | Fig.49 | Fig.50 | Fig.51 |
| 12   | 704                     | 23060   | 10       | 50      | 0         | Fig.52 | Fig.53 | Fig.54 |
| 12   | 707.5                   | 23095   | 10       | 1       | 49        | Fig.55 | Fig.56 | Fig.57 |
| 12   | 707.5                   | 23095   | 10       | 50      | 0         | Fig.58 | Fig.59 | Fig.60 |
| 12   | 711                     | 23130   | 10       | 1       | 49        | Fig.61 | Fig.62 | Fig.63 |
| 12   | 711                     | 23130   | 10       | 50      | 0         | Fig.64 | Fig.65 | Fig.66 |

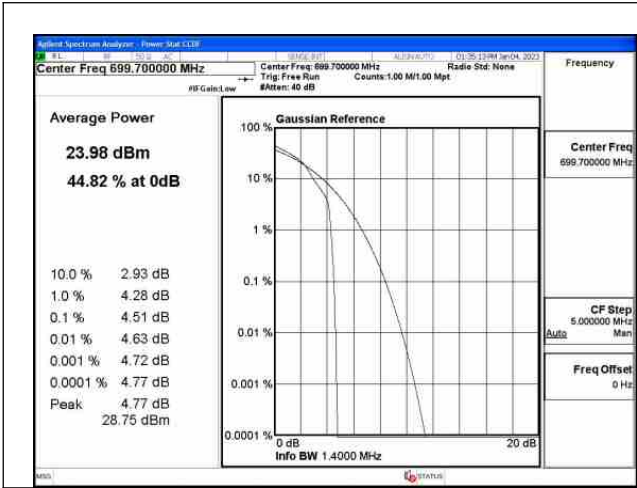


Fig.1

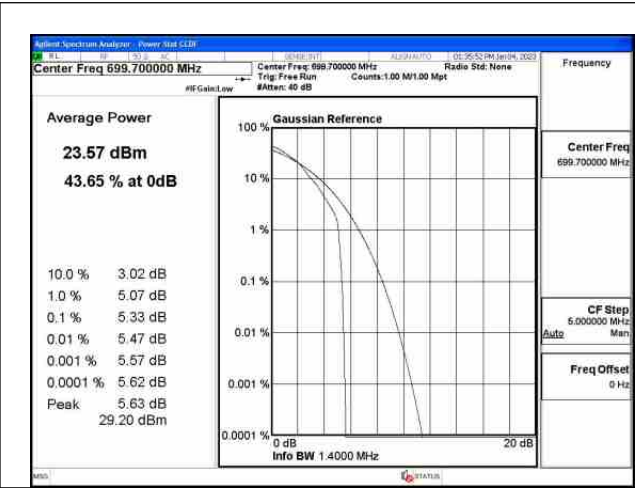


Fig.2

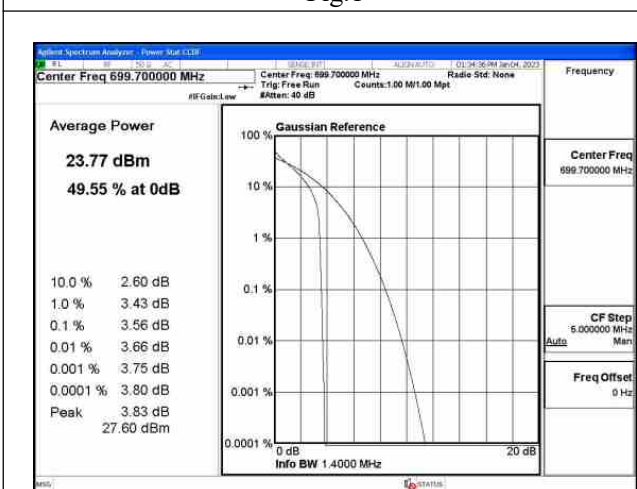


Fig.3

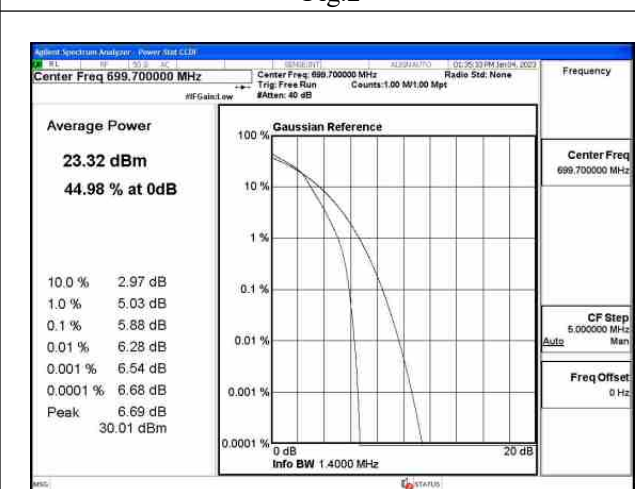


Fig.4

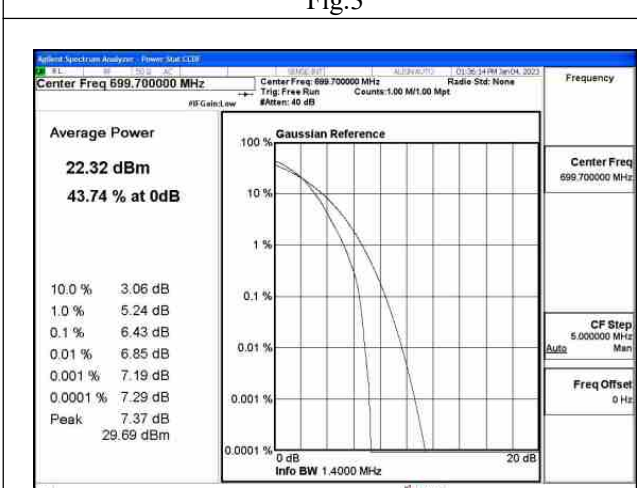


Fig.5

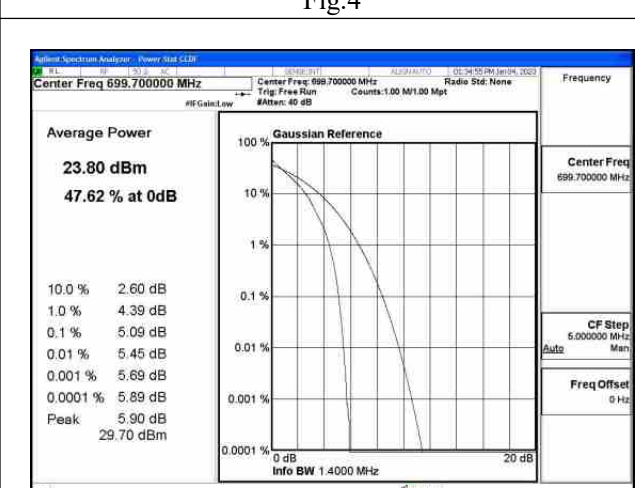


Fig.6

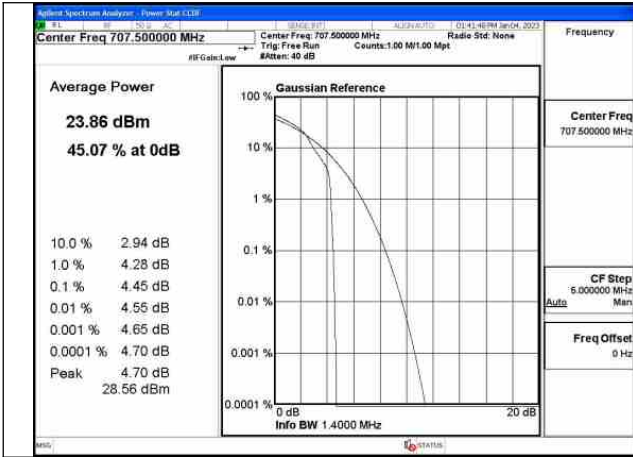


Fig.7

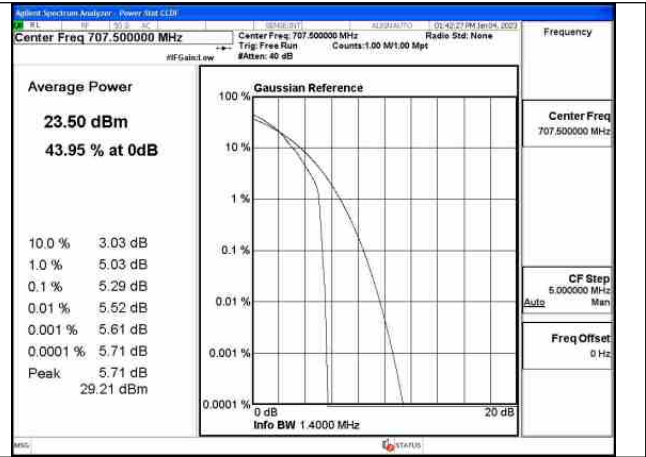


Fig.8

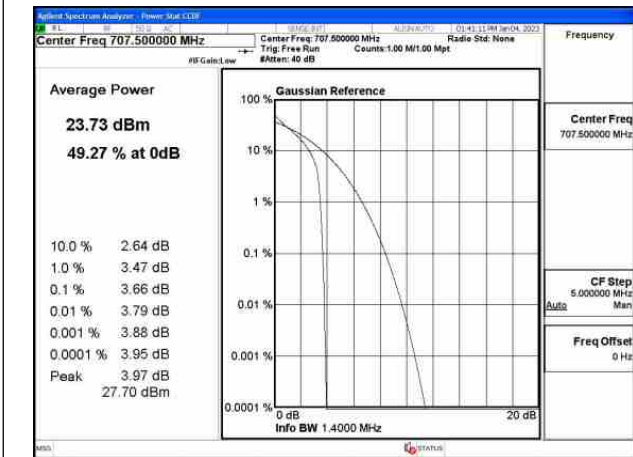


Fig.9

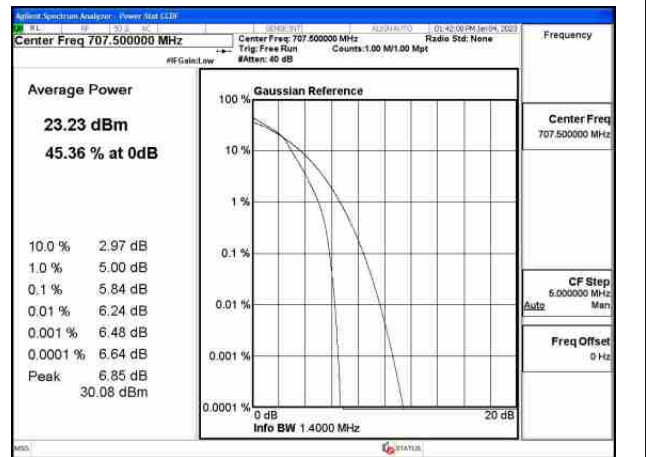


Fig.10

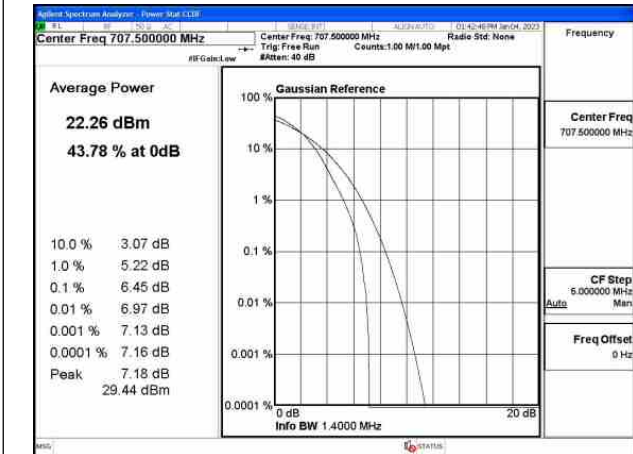


Fig.11

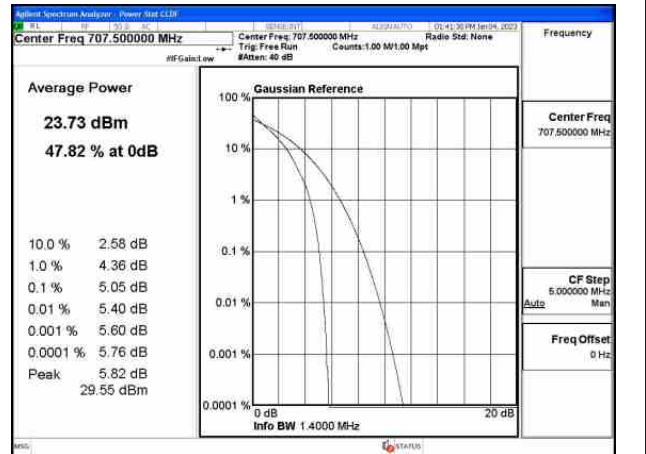


Fig.12

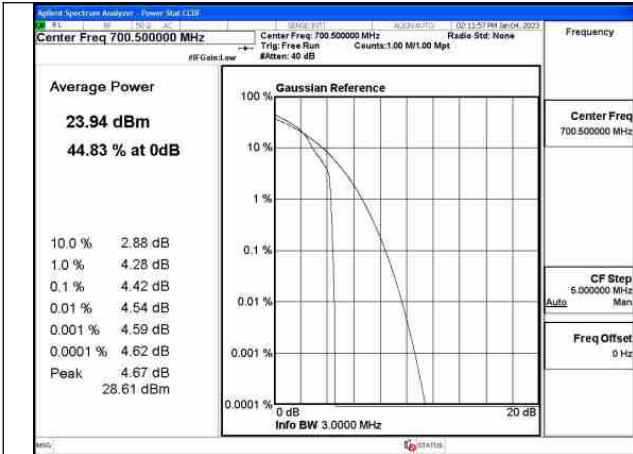


Fig. 13

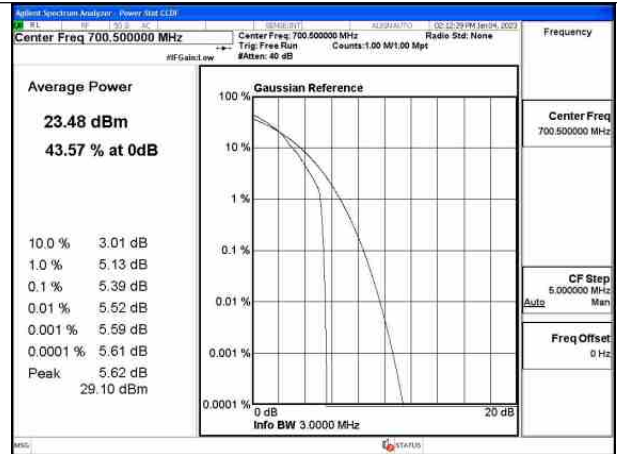


Fig. 14

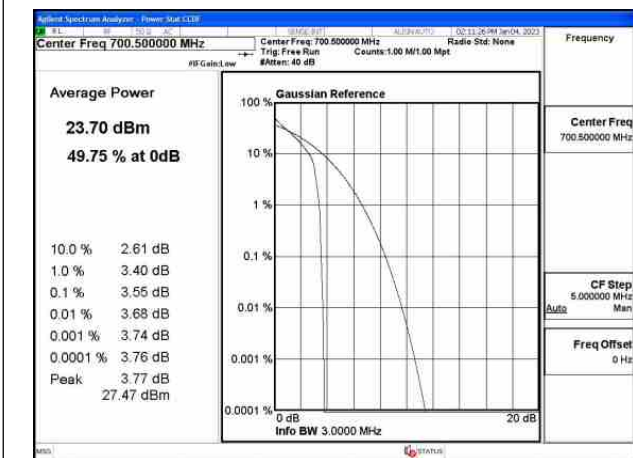


Fig. 15

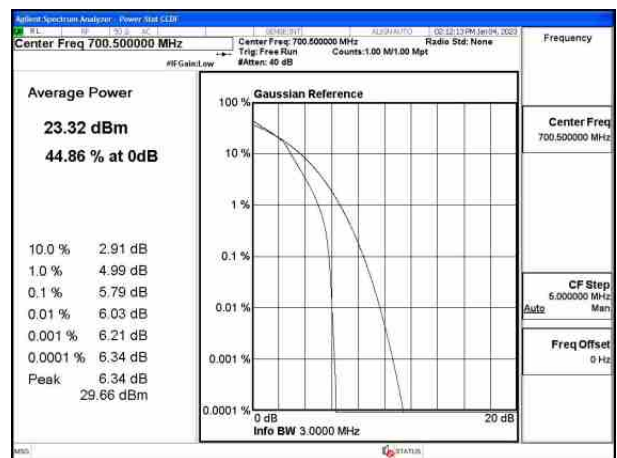


Fig. 16

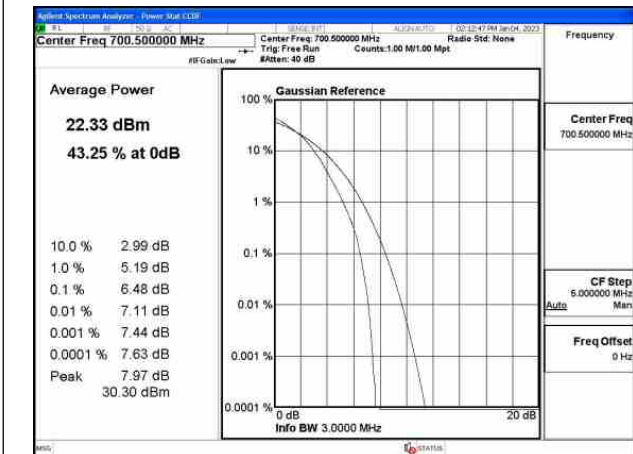


Fig. 17

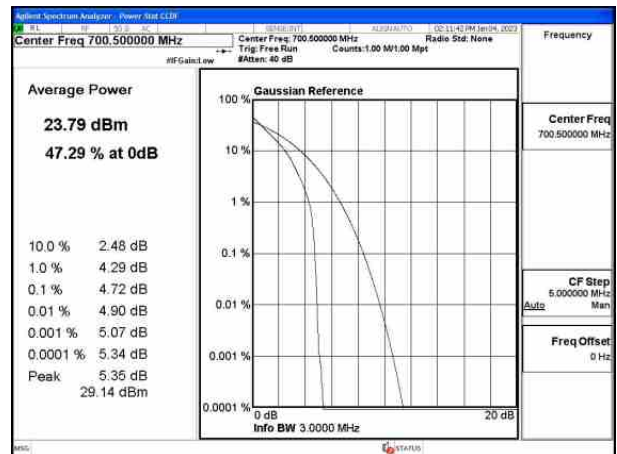


Fig. 18

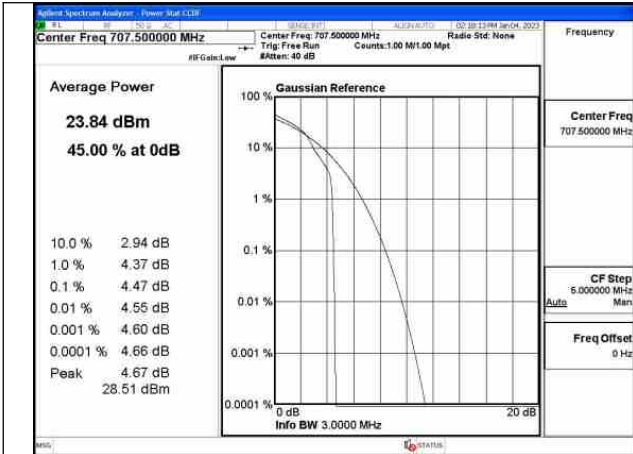


Fig.19

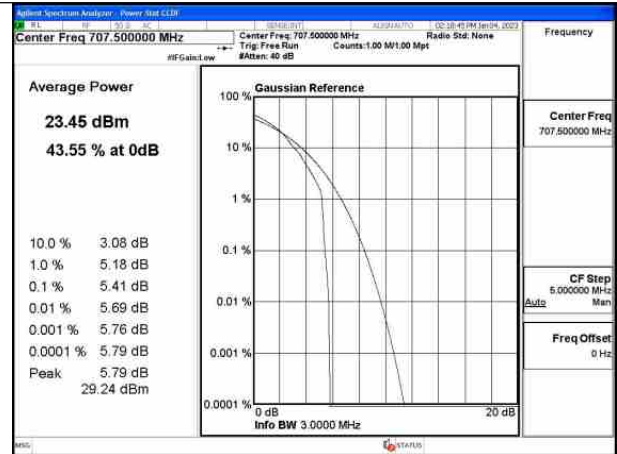


Fig.20

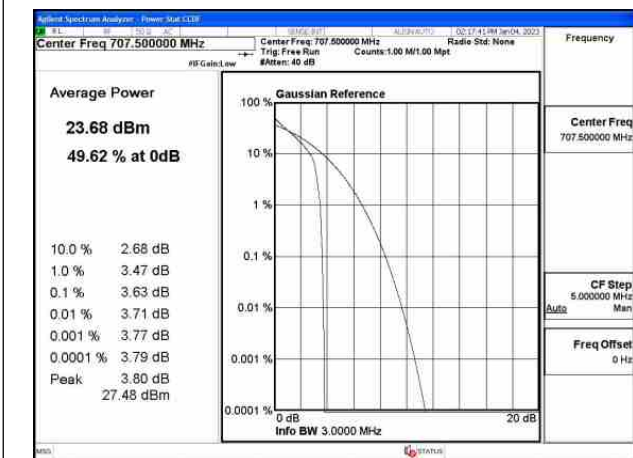


Fig.21

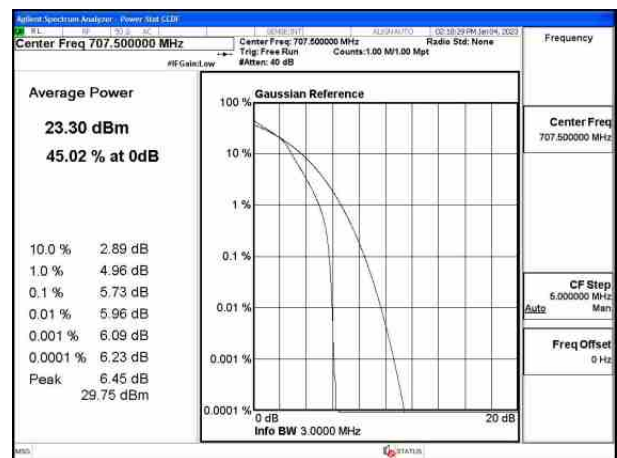


Fig.22

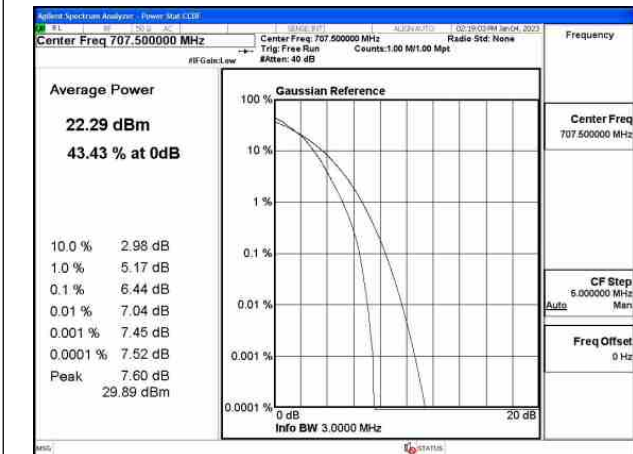


Fig.23

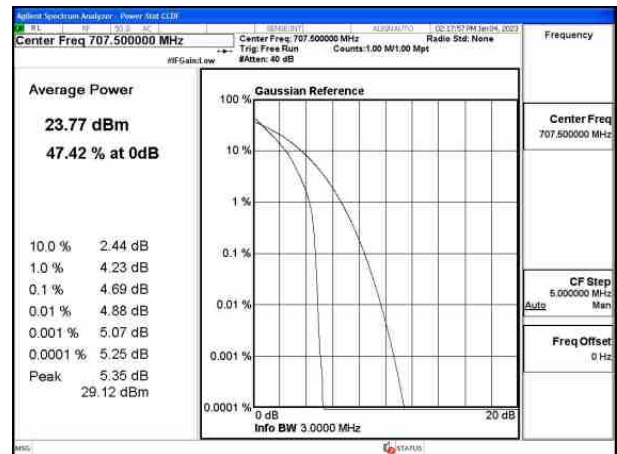


Fig.24

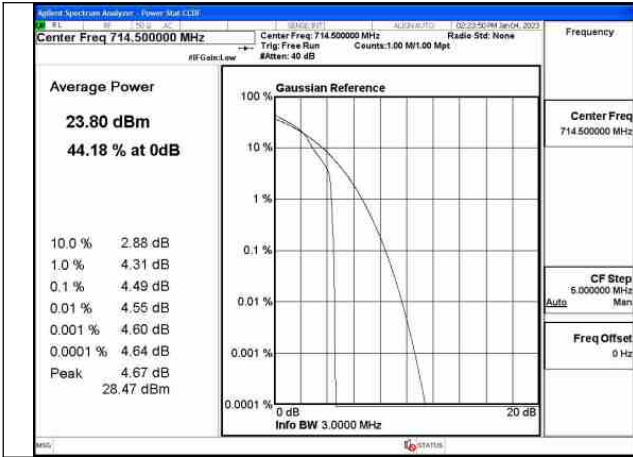


Fig.25

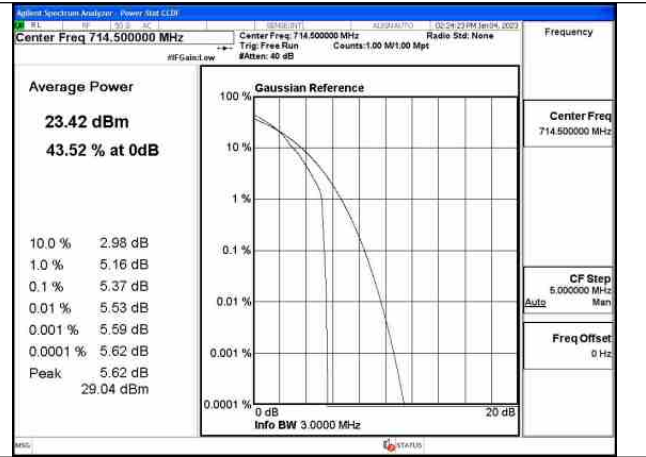


Fig.26

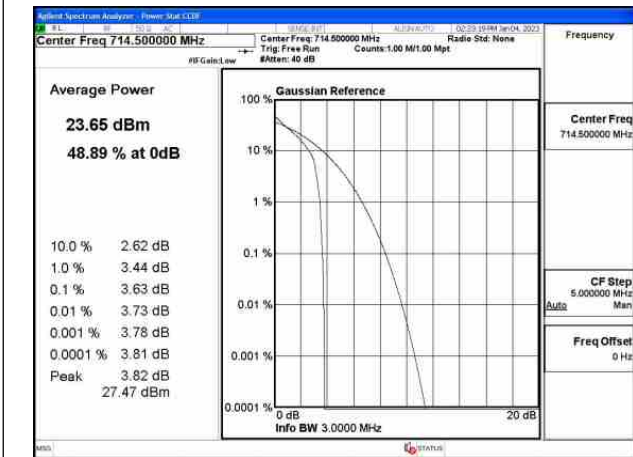


Fig.27

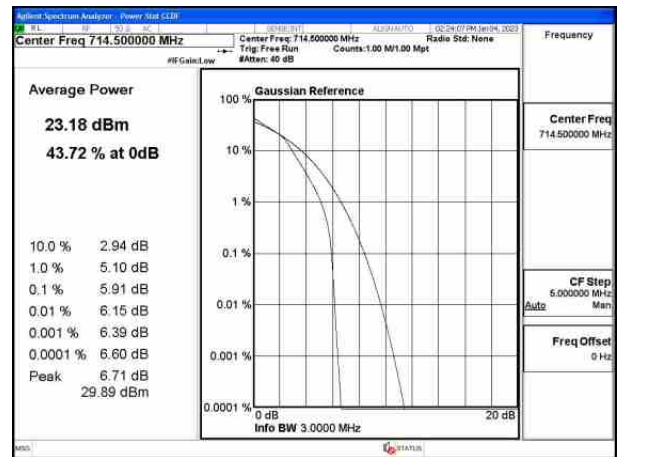


Fig.28

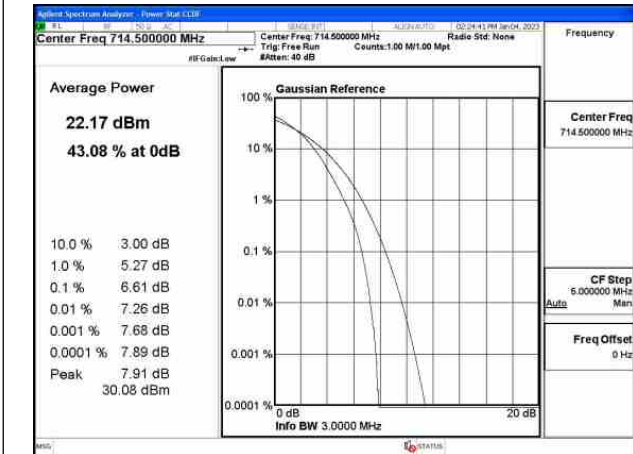


Fig.29

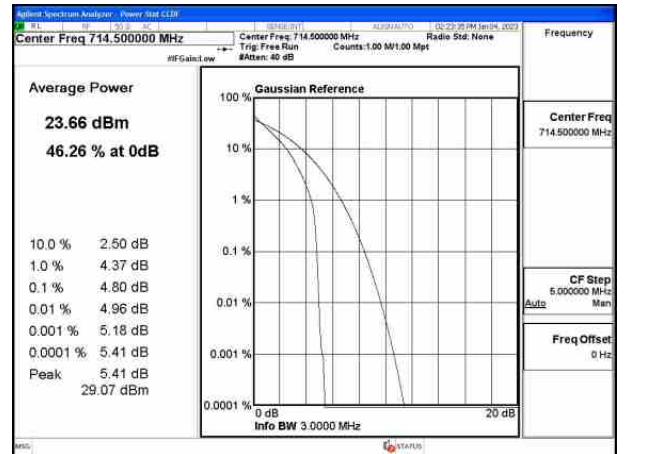


Fig.30



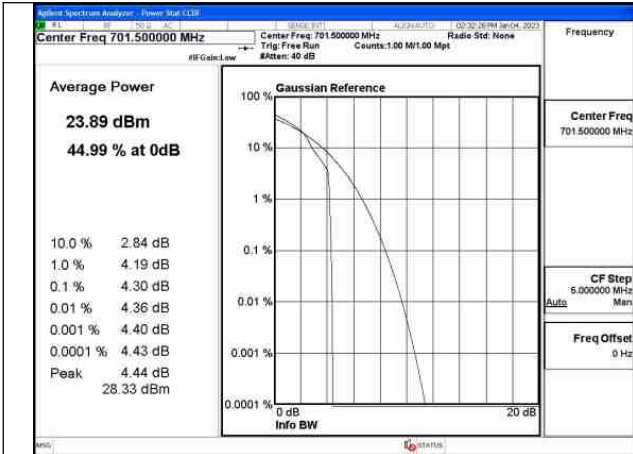


Fig.31

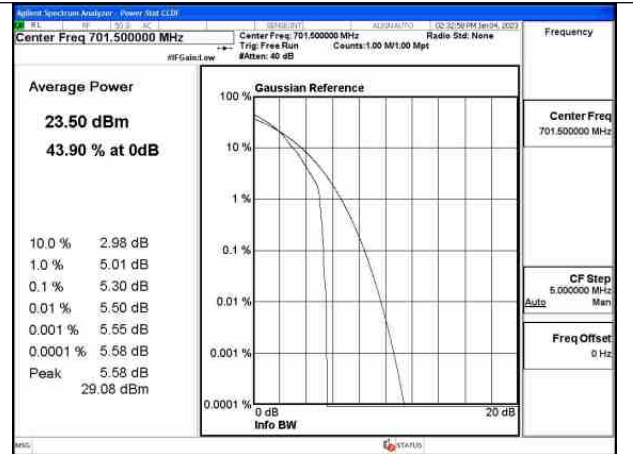


Fig.32

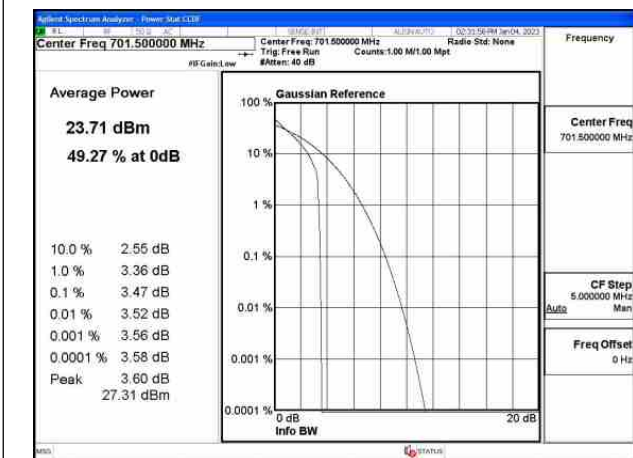


Fig.33

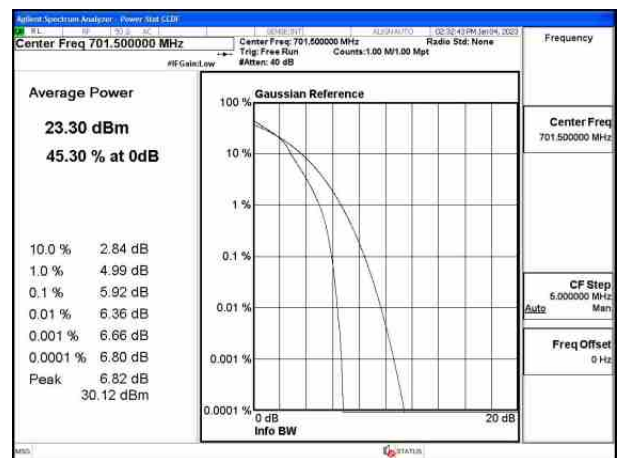


Fig.34

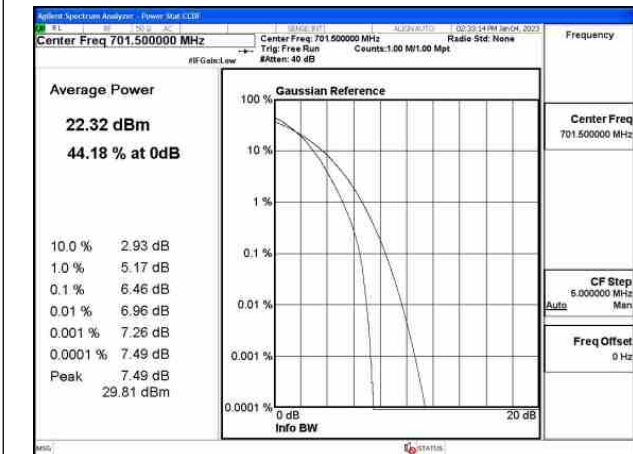


Fig.35

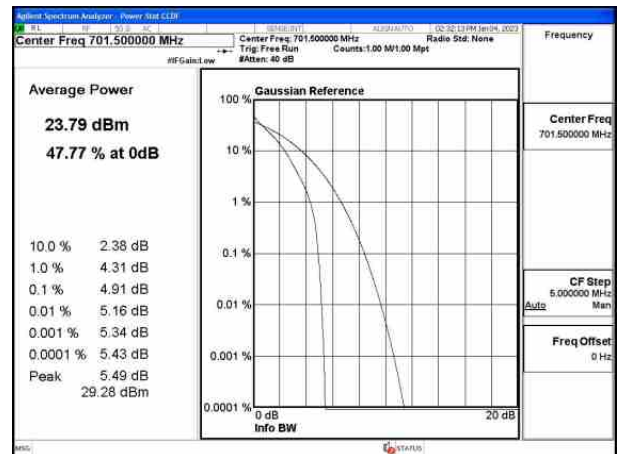


Fig.36

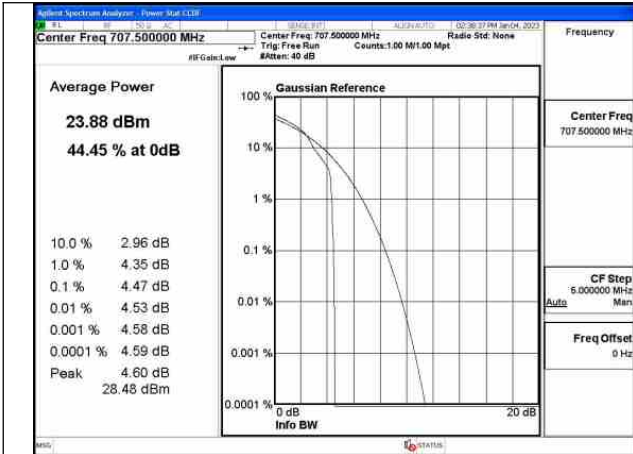


Fig.37

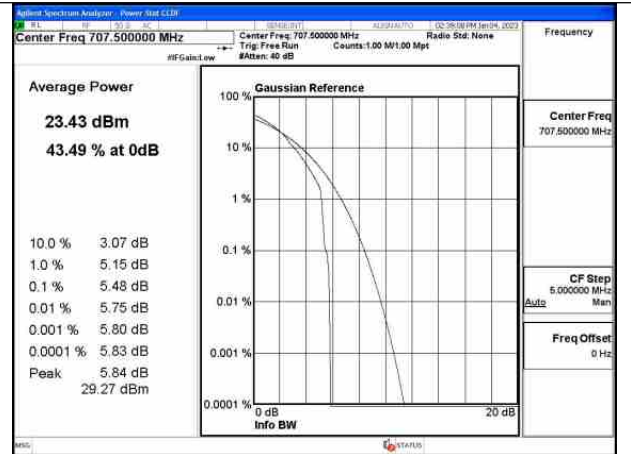


Fig.38

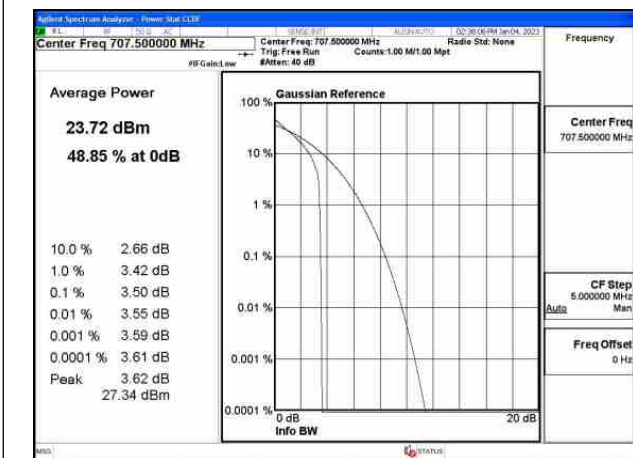


Fig.39

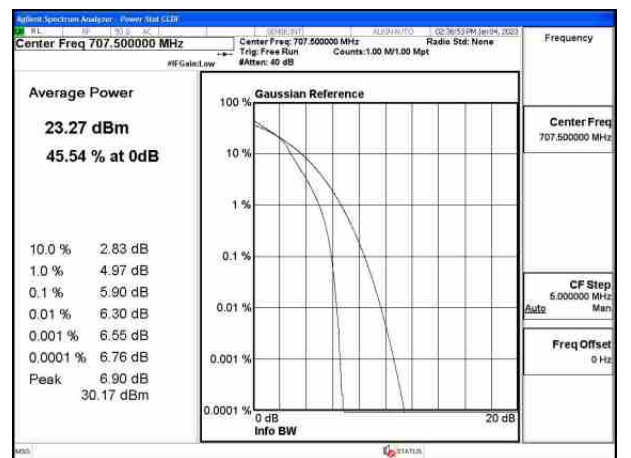


Fig.40

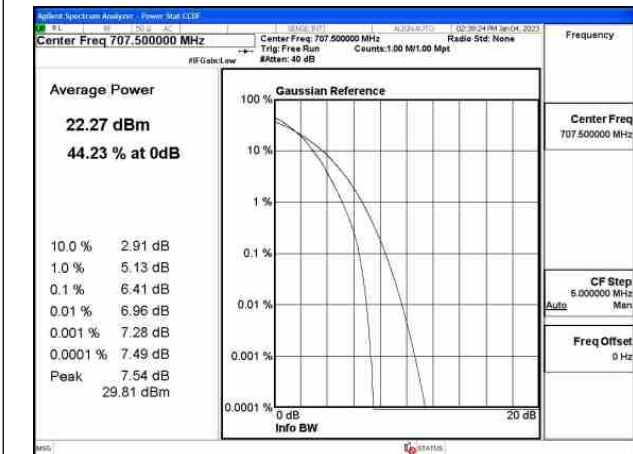


Fig.41

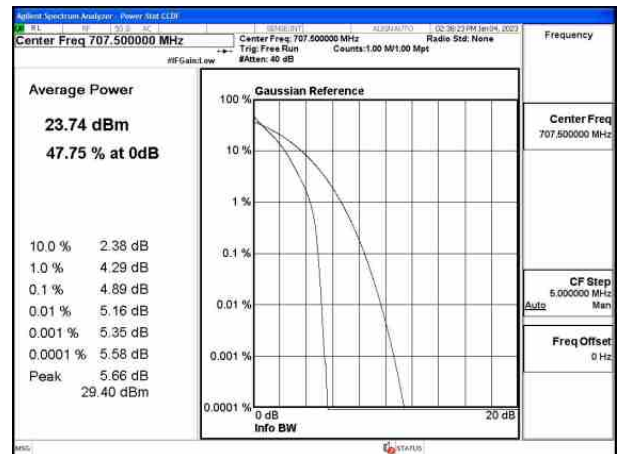


Fig.42

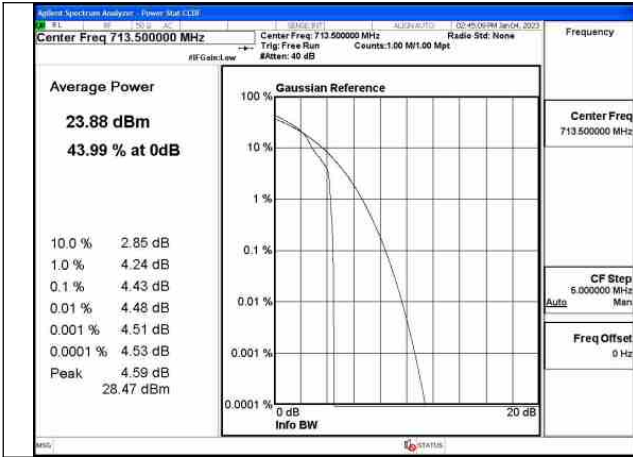


Fig.43

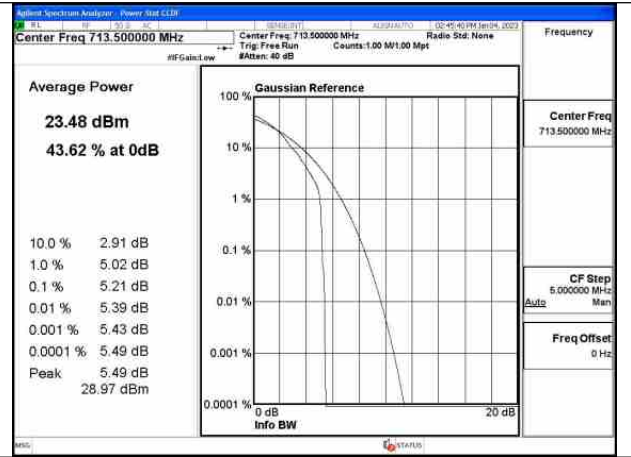


Fig.44

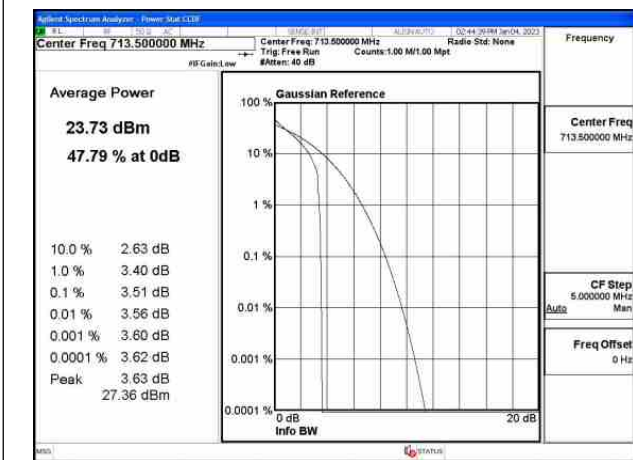


Fig.45

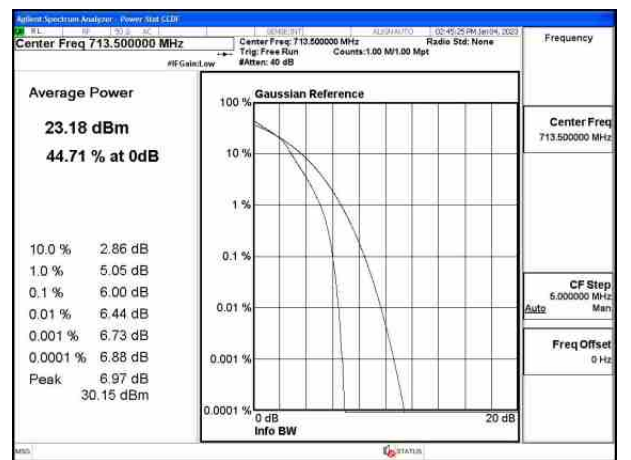


Fig.46

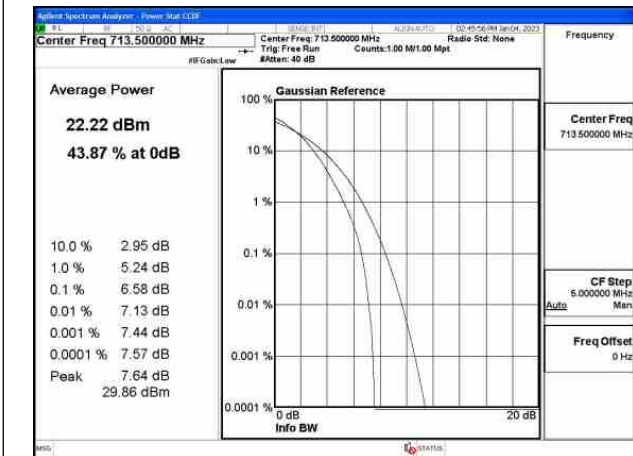


Fig.47

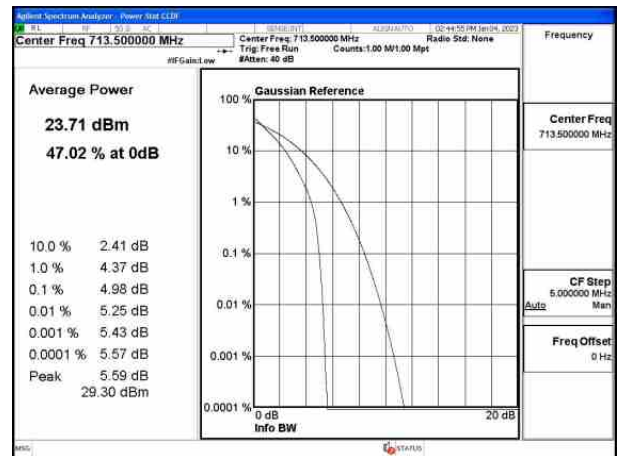


Fig.48

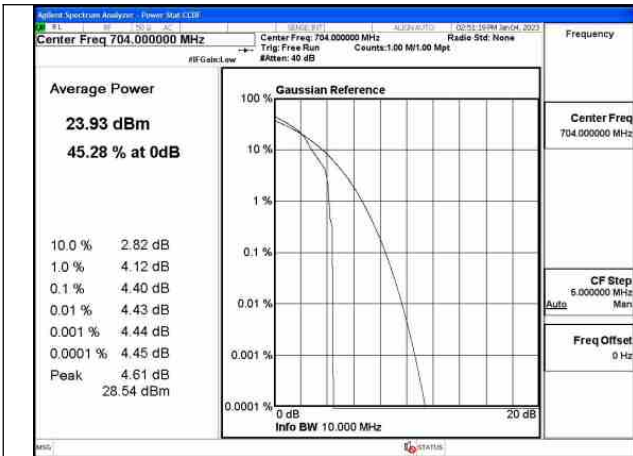


Fig.49

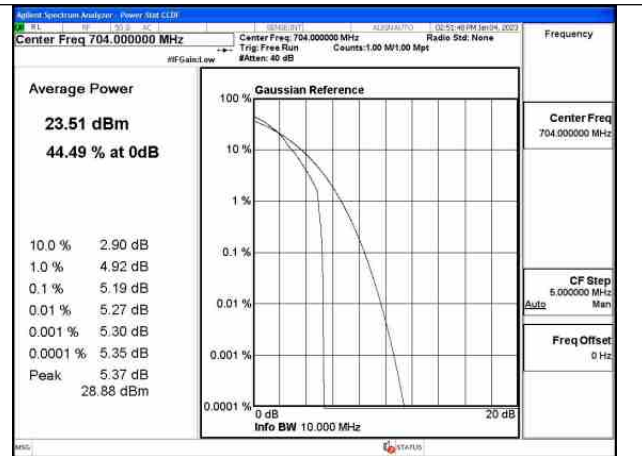


Fig.50

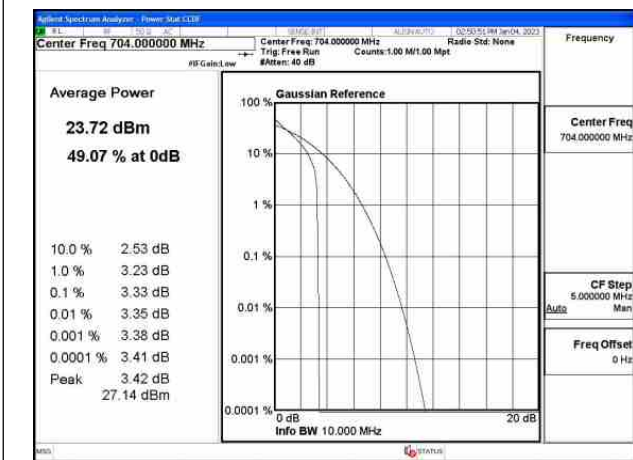


Fig.51

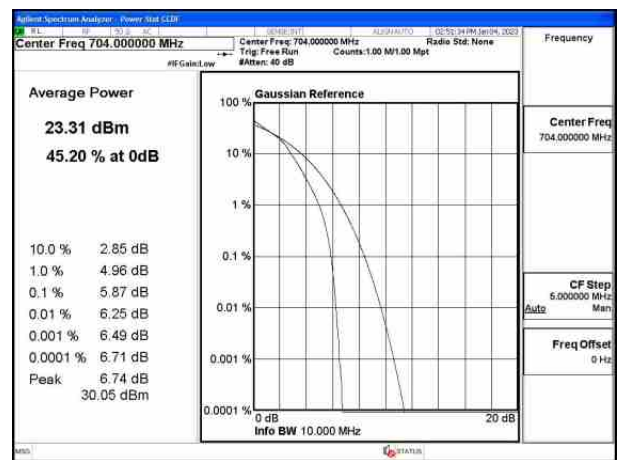


Fig.52

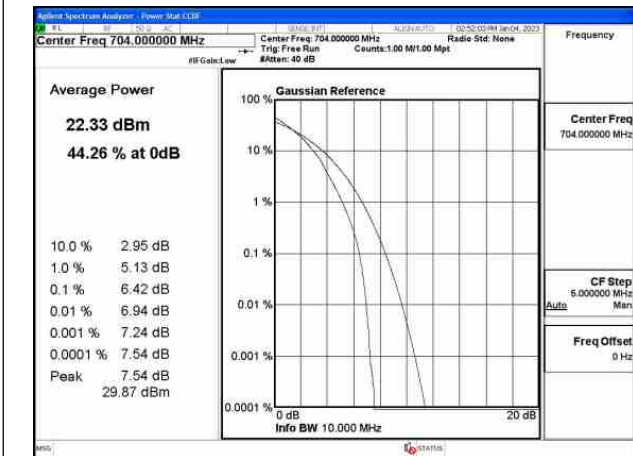


Fig.53

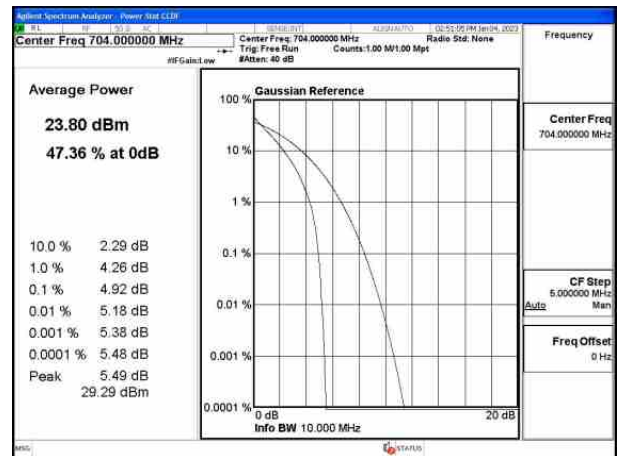


Fig.54

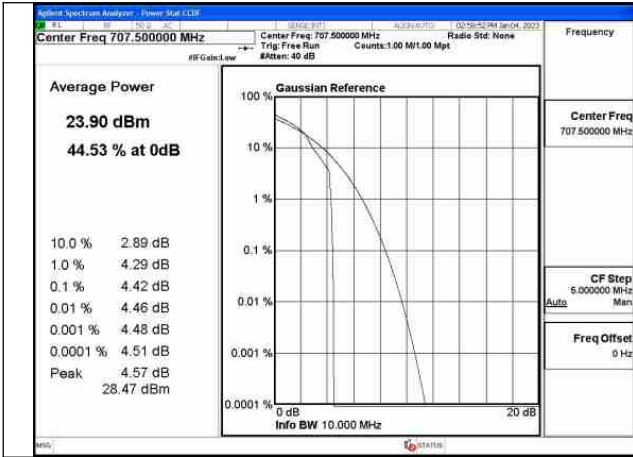


Fig.55

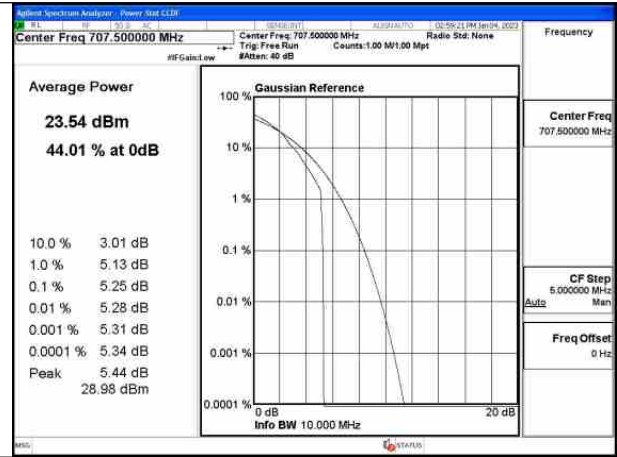


Fig.56

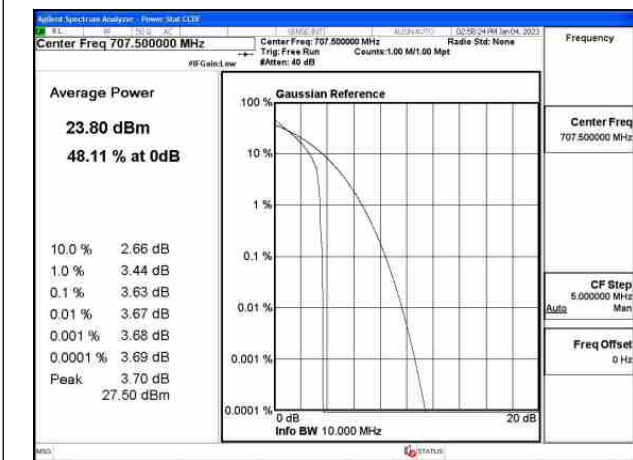


Fig.57

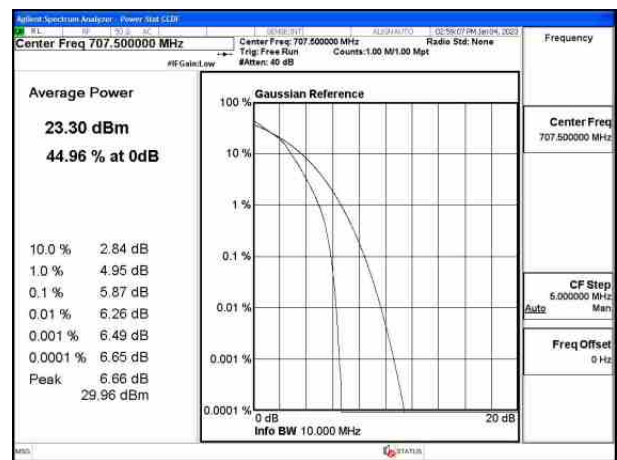


Fig.58

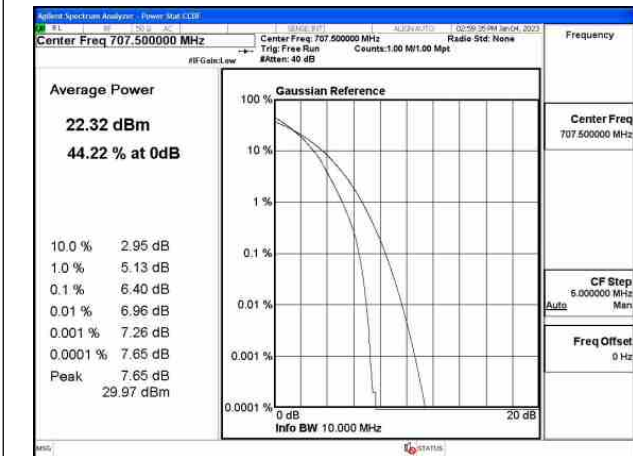


Fig.59

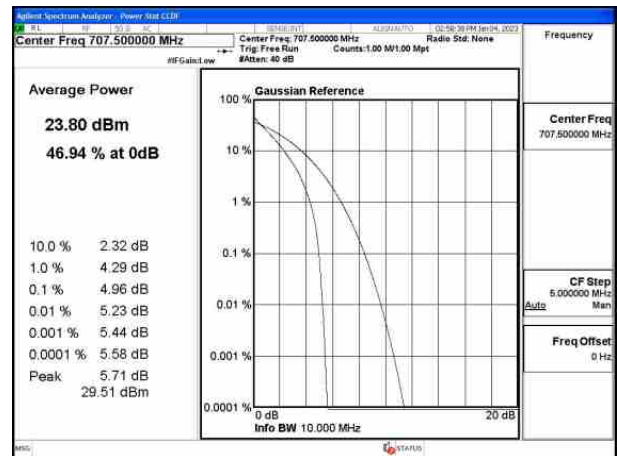


Fig.60

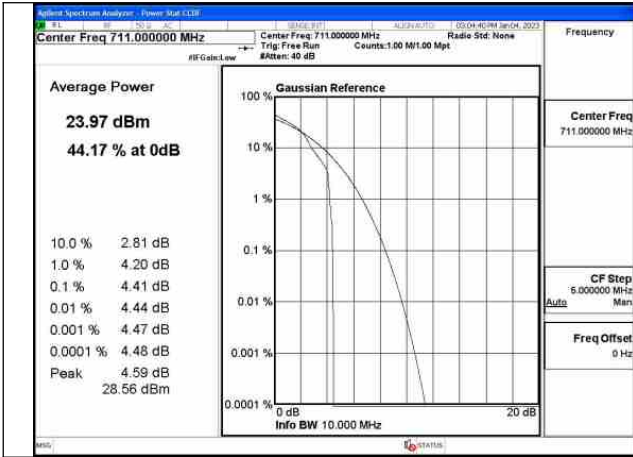


Fig.61

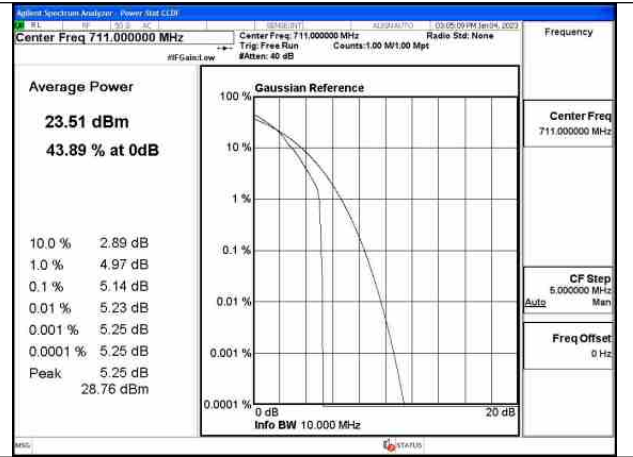


Fig.62

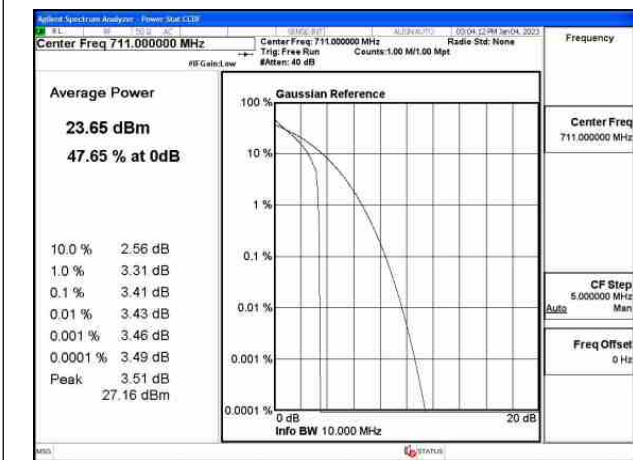


Fig.63

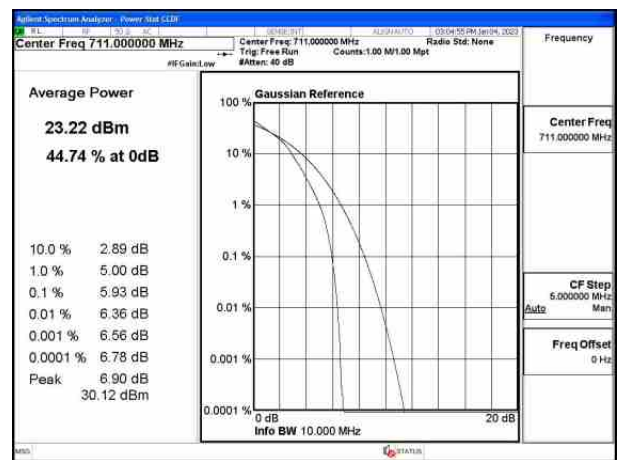


Fig.64

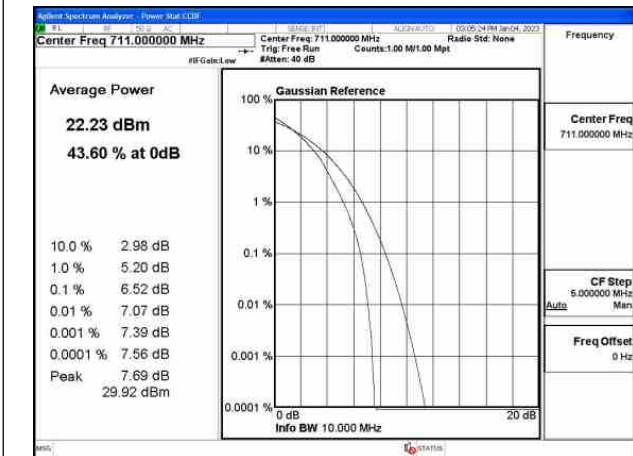


Fig.65

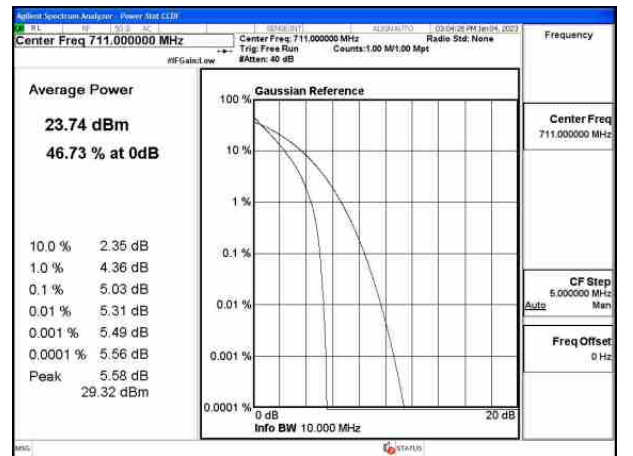


Fig.66

| Band | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | 256-QAM |
|------|-------------------------|---------|----------|---------|-----------|---------|
| 12   | 699.7                   | 23017   | 1.4      | 1       | 5         | Fig.1   |
| 12   | 699.7                   | 23017   | 1.4      | 6       | 0         | Fig.2   |
| 12   | 707.5                   | 23095   | 1.4      | 1       | 5         | Fig.3   |
| 12   | 707.5                   | 23095   | 1.4      | 6       | 0         | Fig.4   |
| 12   | 715.3                   | 23173   | 1.4      | 1       | 5         | Fig.5   |
| 12   | 715.3                   | 23173   | 1.4      | 6       | 0         | Fig.6   |
| 12   | 700.5                   | 23025   | 3        | 1       | 14        | Fig.7   |
| 12   | 700.5                   | 23025   | 3        | 15      | 0         | Fig.8   |
| 12   | 707.5                   | 23095   | 3        | 1       | 14        | Fig.9   |
| 12   | 707.5                   | 23095   | 3        | 15      | 0         | Fig.10  |
| 12   | 714.5                   | 23165   | 3        | 1       | 14        | Fig.11  |
| 12   | 714.5                   | 23165   | 3        | 15      | 0         | Fig.12  |
| 12   | 701.5                   | 23035   | 5        | 1       | 24        | Fig.13  |
| 12   | 701.5                   | 23035   | 5        | 25      | 0         | Fig.14  |
| 12   | 707.5                   | 23095   | 5        | 1       | 24        | Fig.15  |
| 12   | 707.5                   | 23095   | 5        | 25      | 0         | Fig.16  |
| 12   | 713.5                   | 23155   | 5        | 1       | 24        | Fig.17  |
| 12   | 713.5                   | 23155   | 5        | 25      | 0         | Fig.18  |
| 12   | 704                     | 23060   | 10       | 1       | 49        | Fig.19  |
| 12   | 704                     | 23060   | 10       | 50      | 0         | Fig.20  |
| 12   | 707.5                   | 23095   | 10       | 1       | 49        | Fig.21  |
| 12   | 707.5                   | 23095   | 10       | 50      | 0         | Fig.22  |
| 12   | 711                     | 23130   | 10       | 1       | 49        | Fig.23  |
| 12   | 711                     | 23130   | 10       | 50      | 0         | Fig.24  |

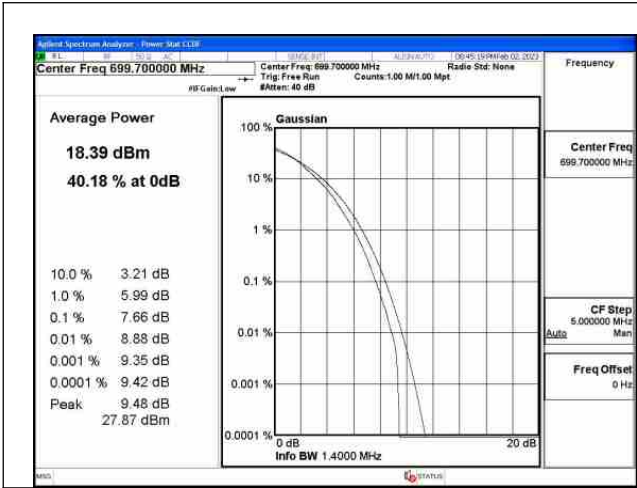


Fig.1

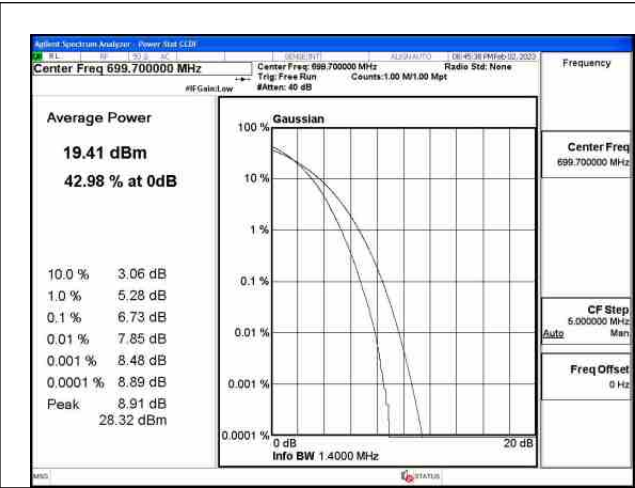


Fig.2

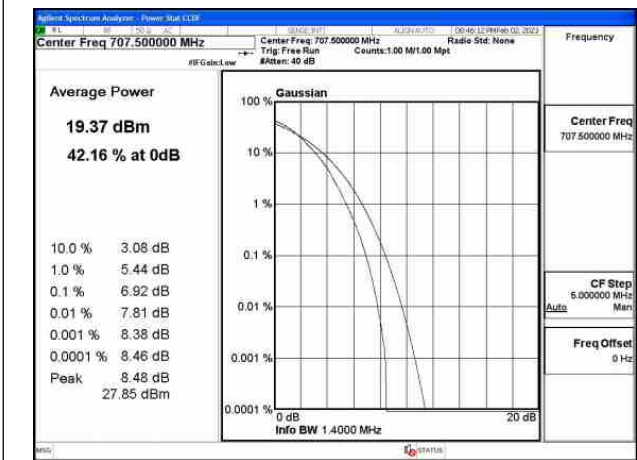


Fig.3

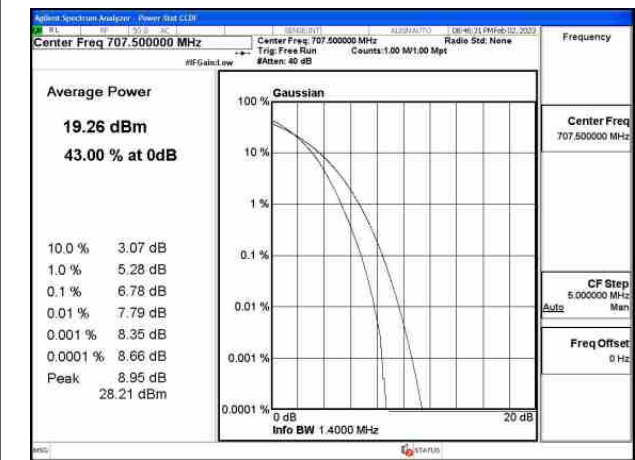


Fig.4

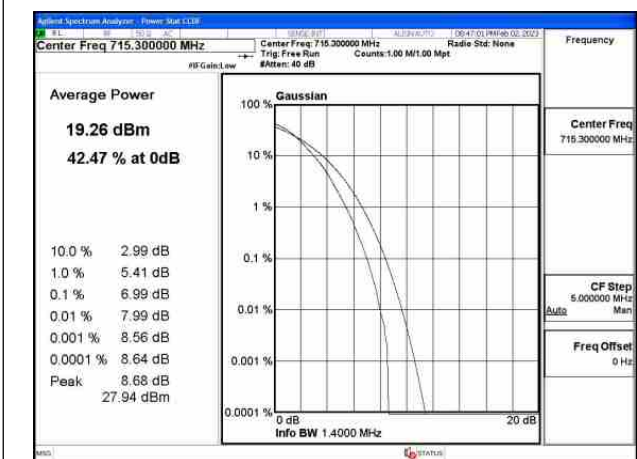


Fig.5

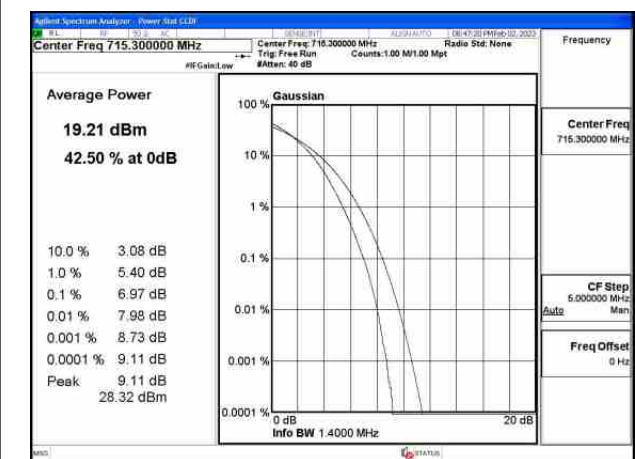


Fig.6



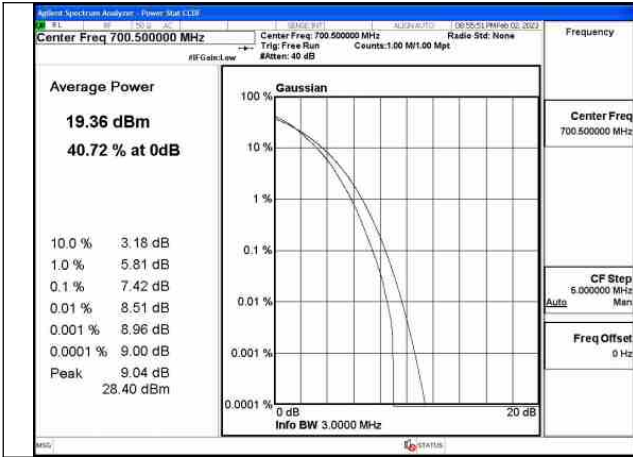


Fig.7

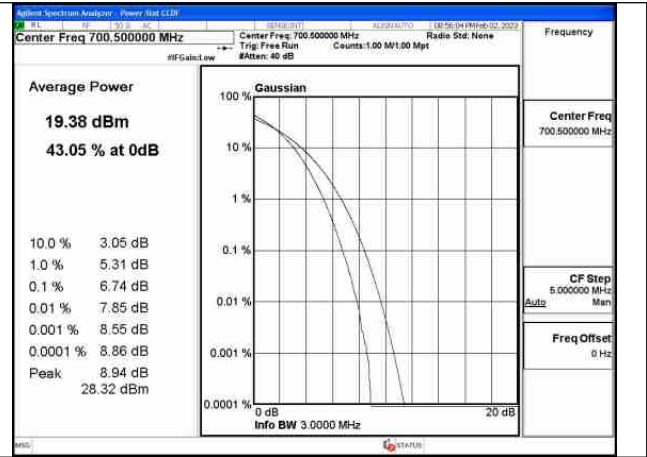


Fig.8

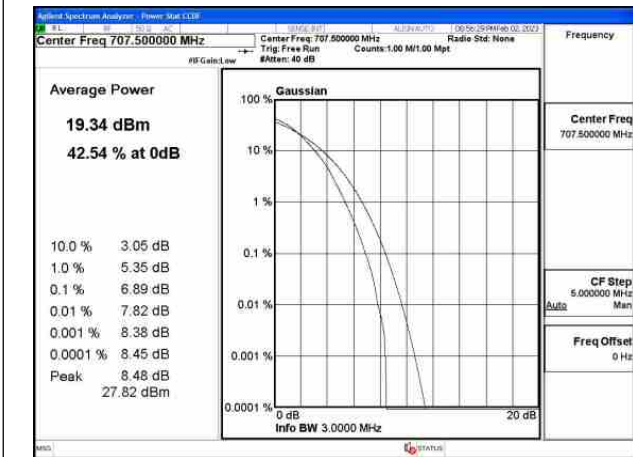


Fig.9

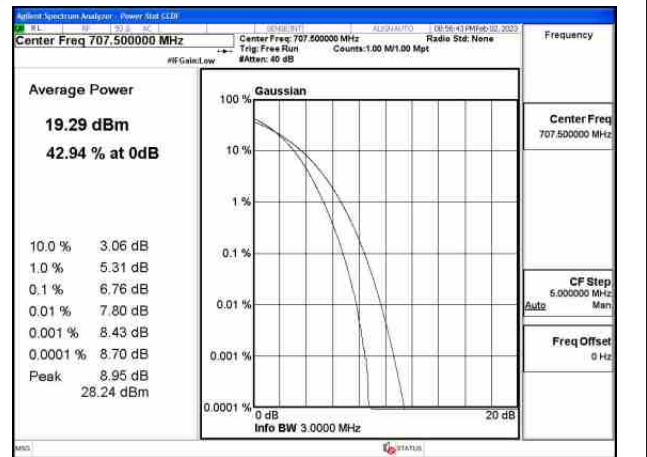


Fig.10

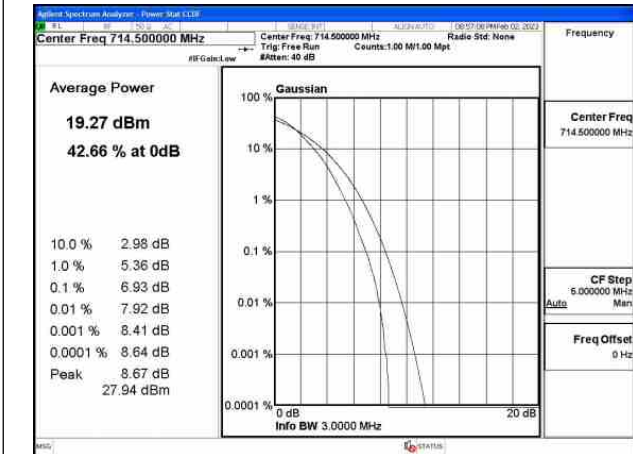


Fig.11

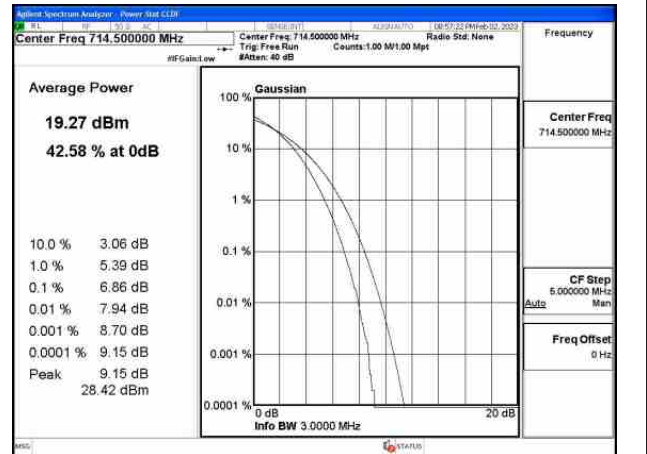


Fig.12

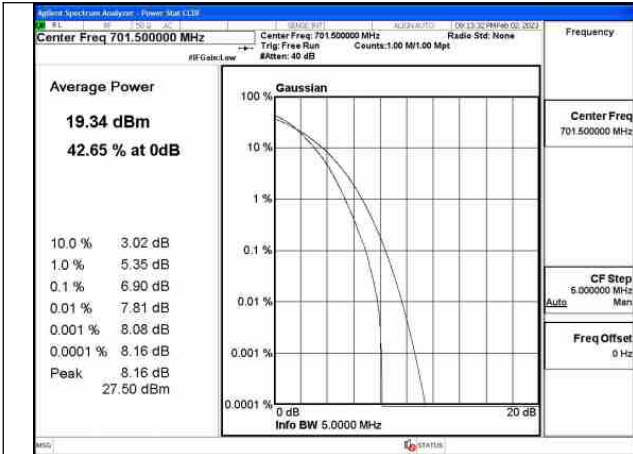


Fig.13

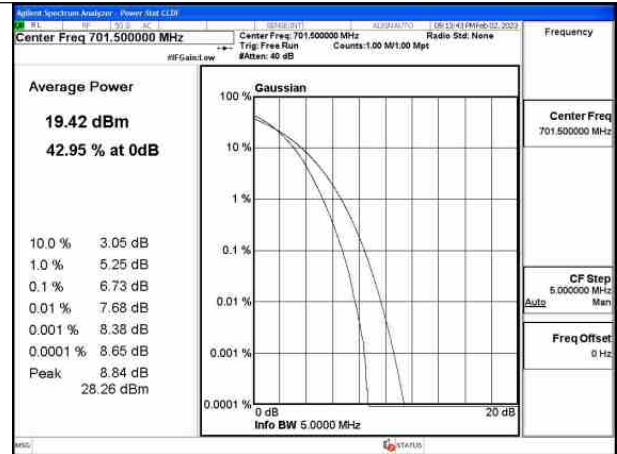


Fig.14

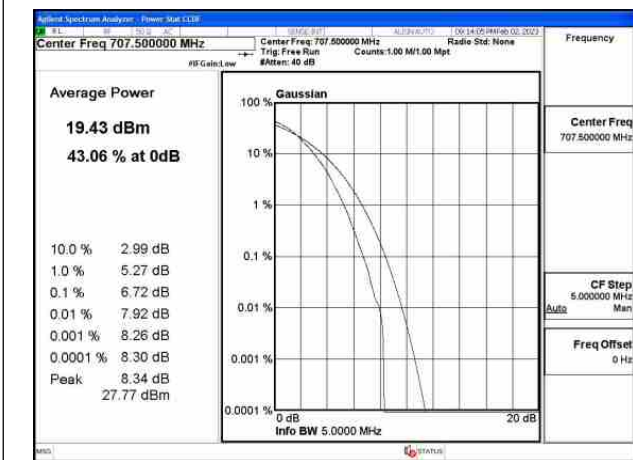


Fig.15

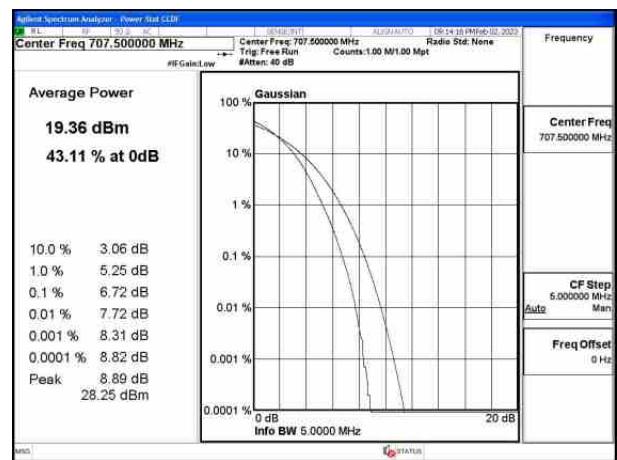


Fig.16

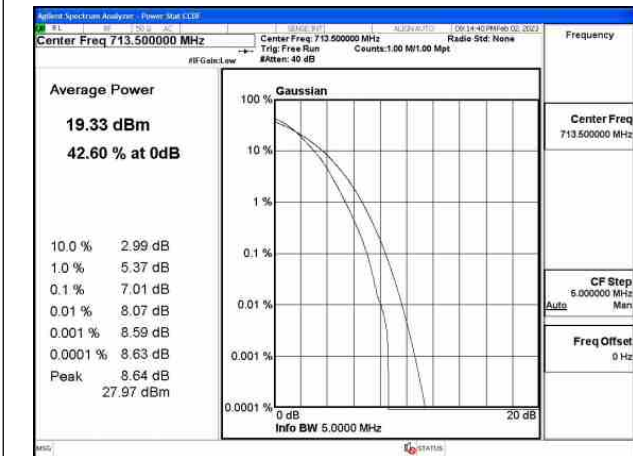


Fig.17

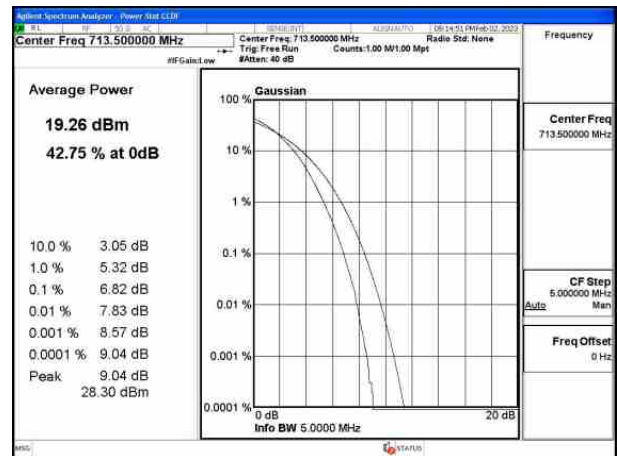


Fig.18

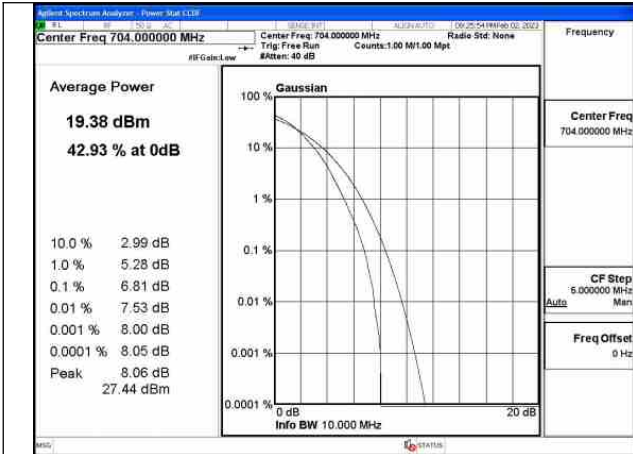


Fig.19

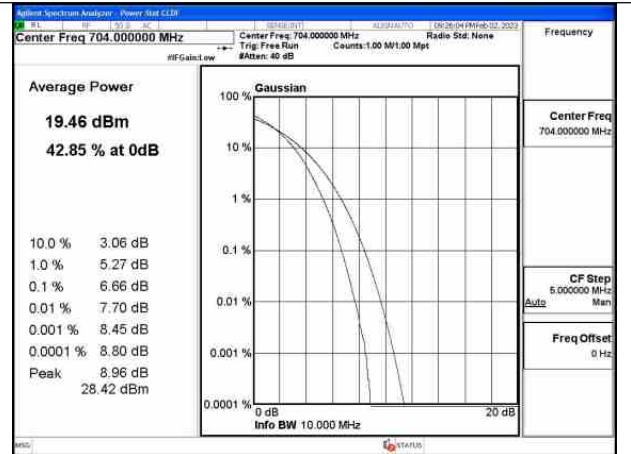


Fig.20

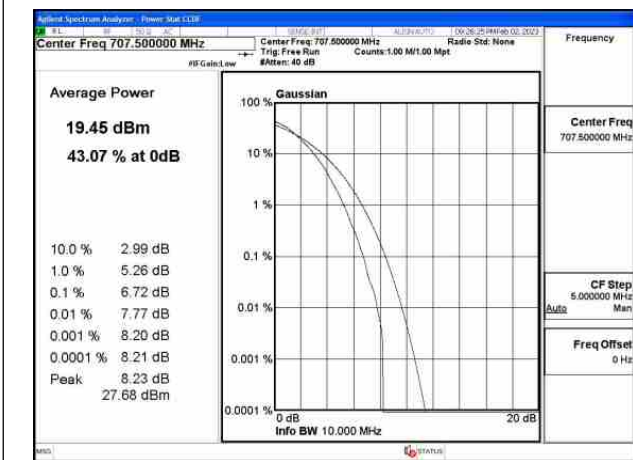


Fig.21

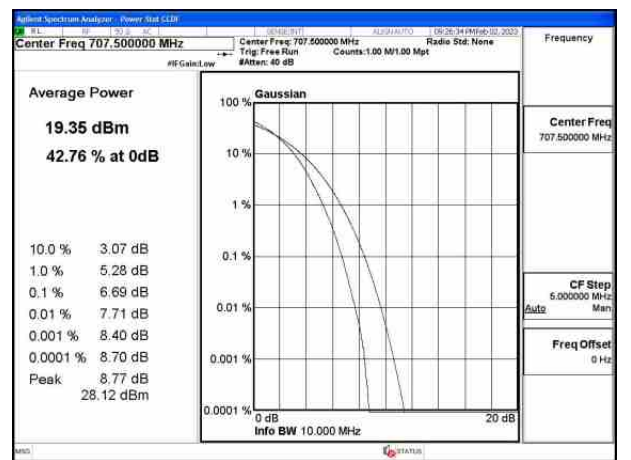


Fig.22

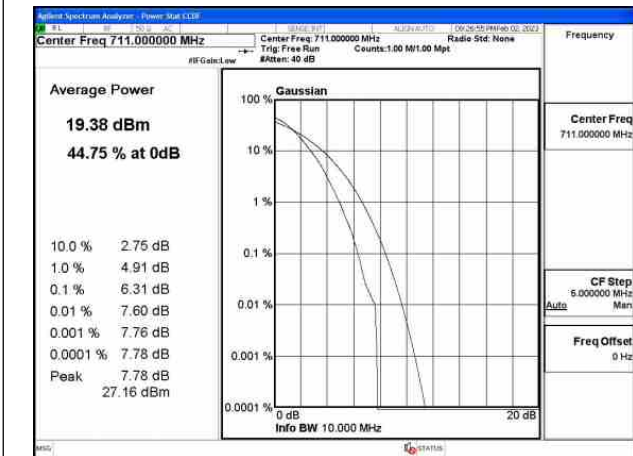


Fig.23

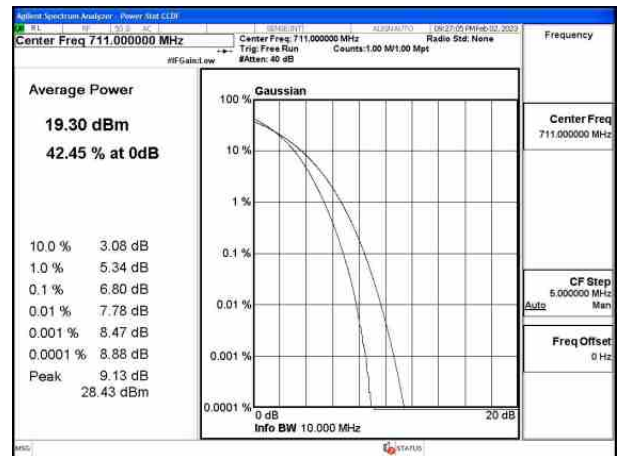


Fig.24

**5 Spurious Emissions at antenna terminal**

| Band | Carrier frequency (MHz) | Channel | BW | RB Size | RB Offset | Conducted Spurious Plot |
|------|-------------------------|---------|----|---------|-----------|-------------------------|
|      |                         |         |    |         |           | QPSK                    |
| 12   | 704                     | 23060   | 10 | 1       | 0         | Fig.1                   |
| 12   | 707.5                   | 23095   | 10 | 1       | 0         | Fig.2                   |
| 12   | 711                     | 23130   | 10 | 1       | 0         | Fig.3                   |

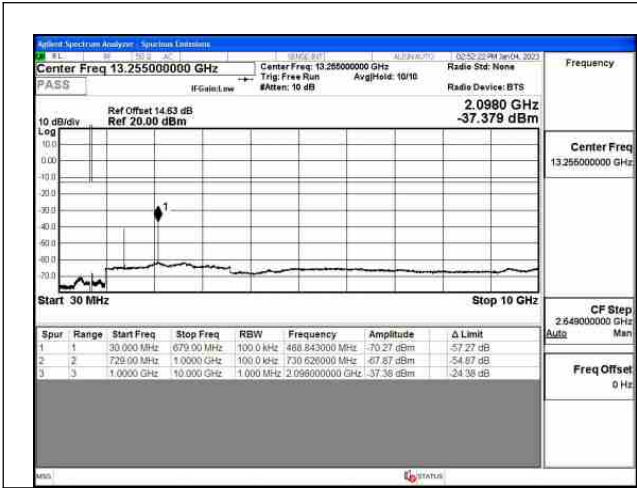


Fig.1

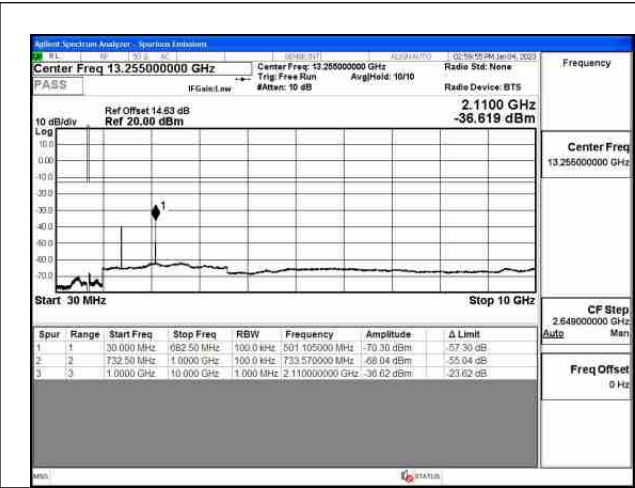


Fig.2

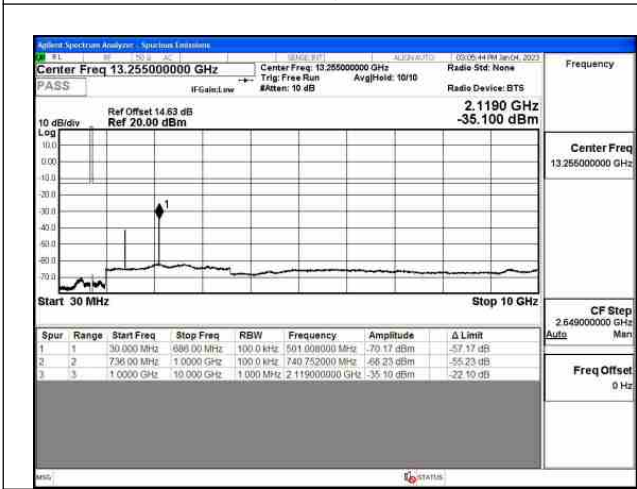


Fig.3

**6 Band Edges Compliance**

| Band | Mode | Carrier frequency (MHz) | Channel | BW  | RB Size | RB Offset | Band Edges Plot |
|------|------|-------------------------|---------|-----|---------|-----------|-----------------|
| 12   | QPSK | 699.7                   | 23017   | 1.4 | 1       | 0         | Fig.1           |
| 12   | QPSK | 699.7                   | 23017   | 1.4 | 6       | 0         | Fig.2           |
| 12   | QPSK | 715.3                   | 23173   | 1.4 | 1       | 5         | Fig.3           |
| 12   | QPSK | 715.3                   | 23173   | 1.4 | 6       | 0         | Fig.4           |
| 12   | QPSK | 700.5                   | 23025   | 3   | 1       | 0         | Fig.5           |
| 12   | QPSK | 700.5                   | 23025   | 3   | 15      | 0         | Fig.6           |
| 12   | QPSK | 714.5                   | 23165   | 3   | 1       | 14        | Fig.7           |
| 12   | QPSK | 714.5                   | 23165   | 3   | 15      | 0         | Fig.8           |
| 12   | QPSK | 701.5                   | 23035   | 5   | 1       | 0         | Fig.9           |
| 12   | QPSK | 701.5                   | 23035   | 5   | 25      | 0         | Fig.10          |
| 12   | QPSK | 713.5                   | 23155   | 5   | 1       | 24        | Fig.11          |
| 12   | QPSK | 713.5                   | 23155   | 5   | 25      | 0         | Fig.12          |
| 12   | QPSK | 704                     | 23060   | 10  | 1       | 0         | Fig.13          |
| 12   | QPSK | 704                     | 23060   | 10  | 50      | 0         | Fig.14          |
| 12   | QPSK | 711                     | 23130   | 10  | 1       | 49        | Fig.15          |
| 12   | QPSK | 711                     | 23130   | 10  | 50      | 0         | Fig.16          |

Test Mode: QPSK

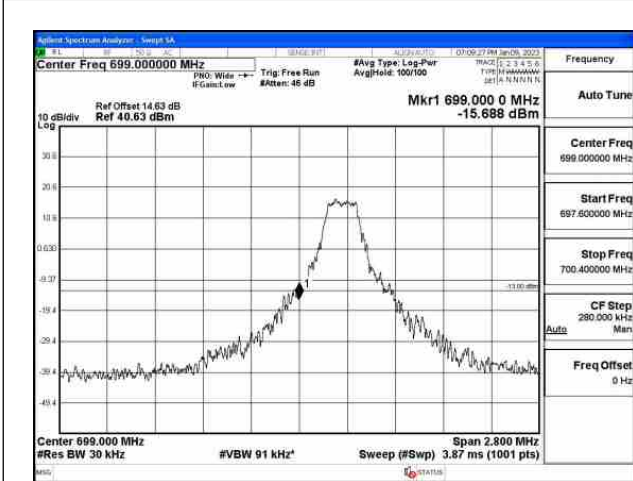


Fig.1

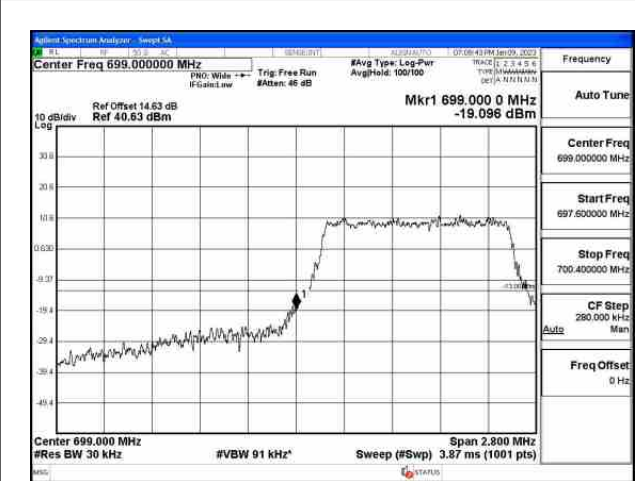


Fig.2

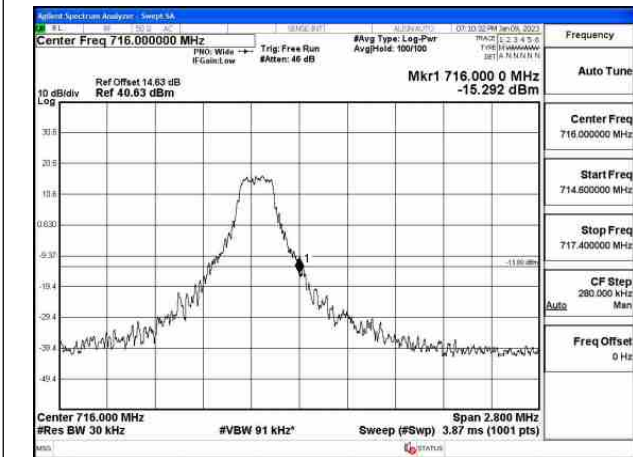


Fig.3

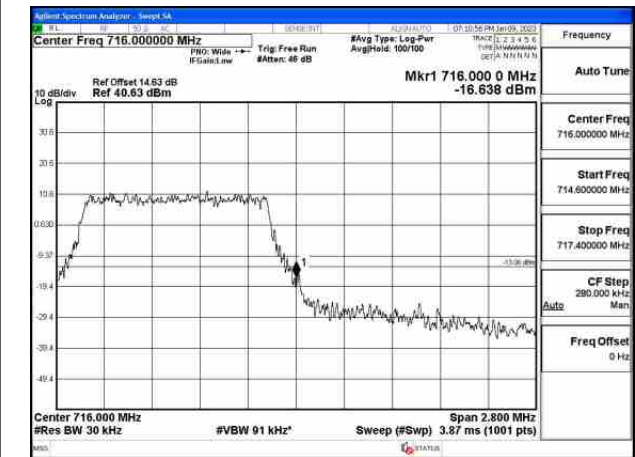


Fig.4

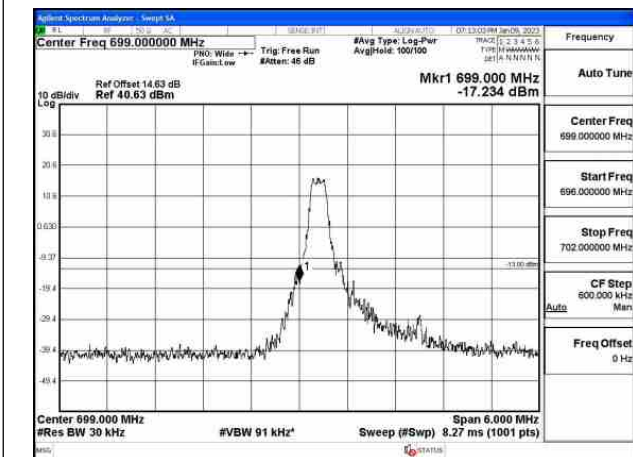


Fig.5

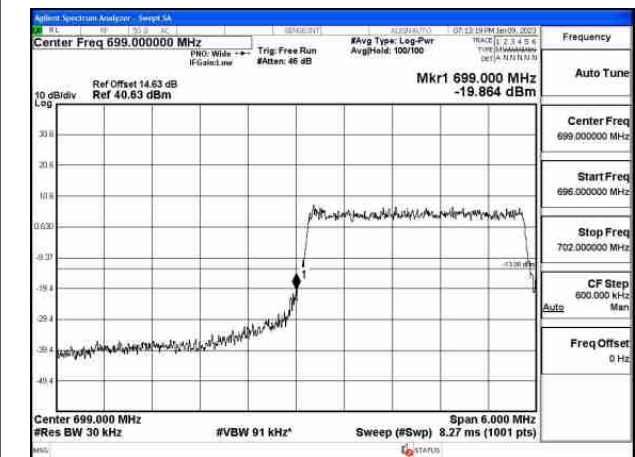


Fig.6

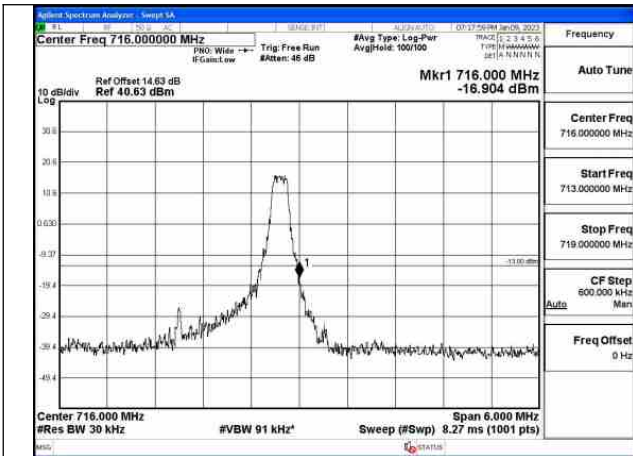


Fig.7

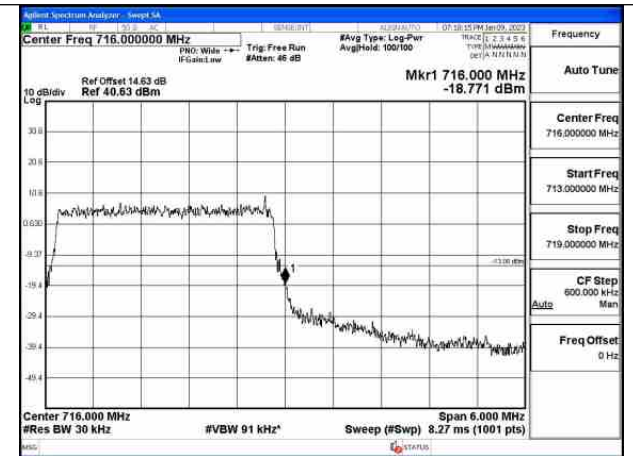


Fig.8

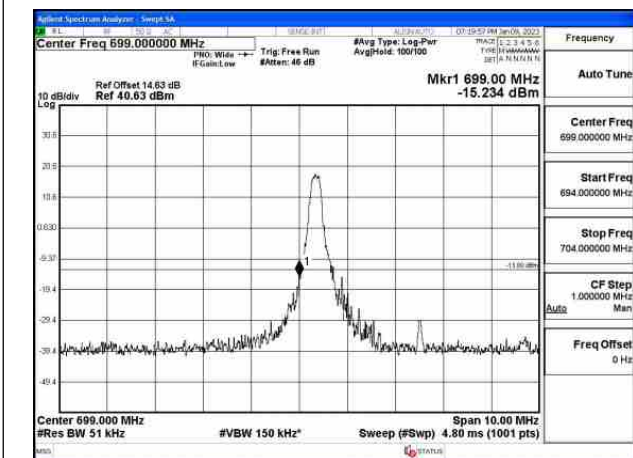


Fig.9

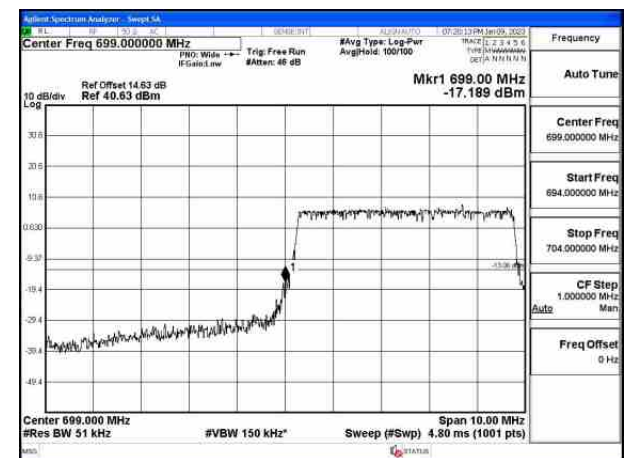


Fig.10

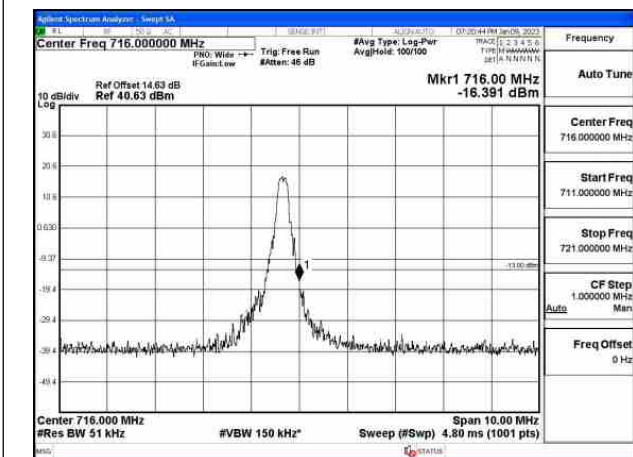


Fig.11

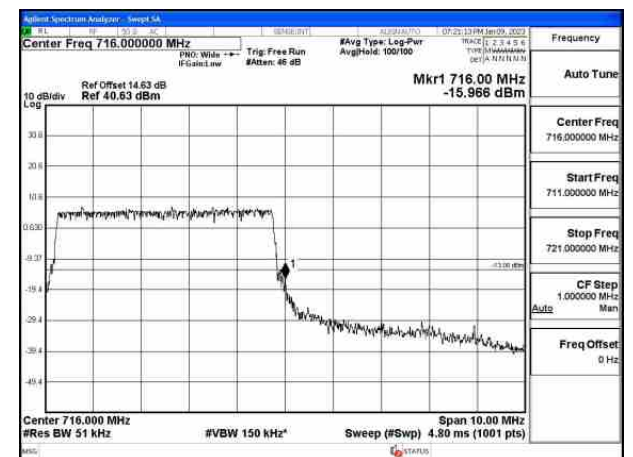


Fig.12



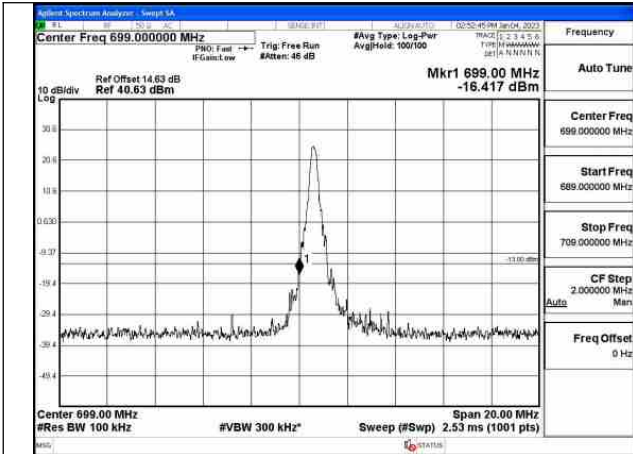


Fig. 13

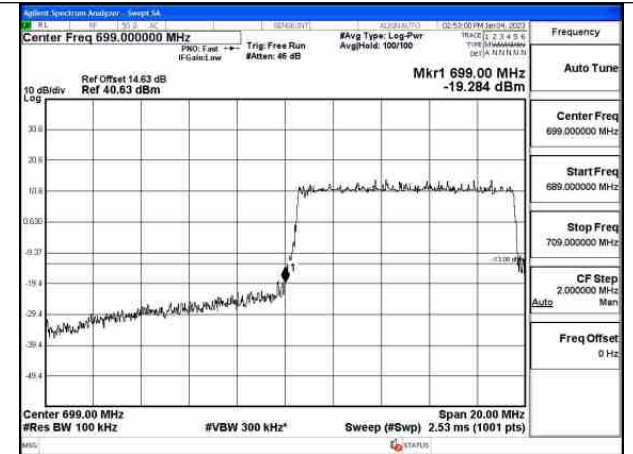


Fig. 14

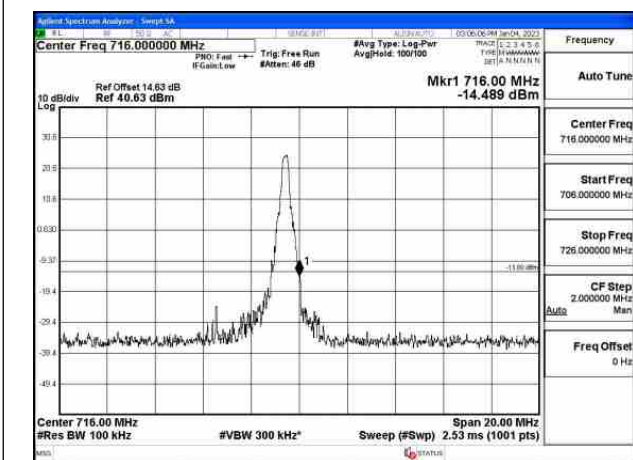


Fig. 15

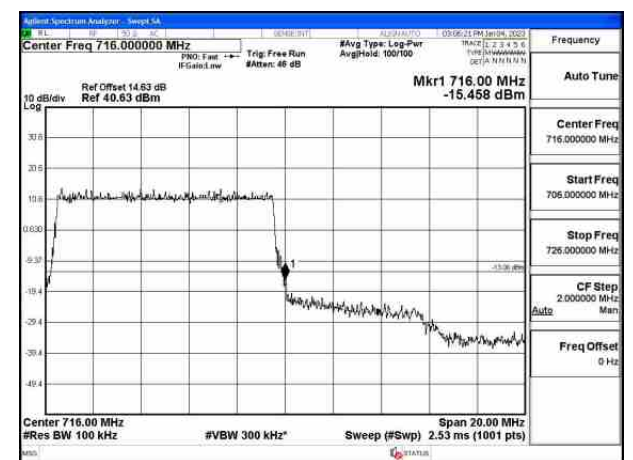


Fig. 16

## 7 Frequency Stability

| Temperature(°C) | Voltage | Test Result (ppm) Low Channel QPSK |        |        |        |
|-----------------|---------|------------------------------------|--------|--------|--------|
|                 |         | 1.4M                               | 3M     | 5M     | 10M    |
| -10             | NV      | 0.000                              | 0.003  | -0.003 | 0.007  |
| 0               | NV      | 0.020                              | 0.002  | 0.003  | -0.006 |
| +10             | NV      | -0.005                             | -0.001 | 0.006  | 0.007  |
| +20             | NV      | -0.004                             | 0.005  | 0.005  | -0.007 |
| +30             | NV      | 0.006                              | 0.002  | -0.004 | -0.008 |
| +40             | NV      | -0.006                             | 0.002  | -0.001 | -0.008 |
| +50             | NV      | -0.004                             | 0.000  | 0.001  | 0.008  |
| +55             | NV      | -0.003                             | -0.001 | -0.003 | -0.007 |
| +20             | LV      | 0.017                              | 0.002  | 0.003  | 0.008  |
| +20             | HV      | -0.004                             | 0.001  | -0.001 | 0.007  |

| Temperature(°C) | Voltage | Test Result (ppm) High Channel QPSK |        |        |        |
|-----------------|---------|-------------------------------------|--------|--------|--------|
|                 |         | 1.4M                                | 3M     | 5M     | 10M    |
| -10             | NV      | -0.016                              | 0.002  | 0.007  | -0.008 |
| 0               | NV      | -0.014                              | 0.001  | 0.007  | 0.006  |
| +10             | NV      | 0.004                               | 0.004  | 0.006  | -0.007 |
| +20             | NV      | 0.006                               | 0.005  | 0.007  | 0.004  |
| +30             | NV      | -0.015                              | 0.003  | 0.006  | -0.008 |
| +40             | NV      | -0.015                              | 0.005  | 0.006  | -0.006 |
| +50             | NV      | -0.005                              | 0.003  | 0.007  | -0.008 |
| +55             | NV      | -0.016                              | 0.004  | 0.008  | -0.008 |
| +20             | LV      | -0.007                              | -0.002 | 0.008  | -0.008 |
| +20             | HV      | -0.015                              | 0.001  | -0.007 | 0.007  |

### 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       | 699.7                   | 23017      | 1.4 | 1       | 0         | 23.75                 | 16.10          | 0.041        |
| QPSK       | 699.7                   | 23017      | 1.4 | 1       | 3         | 23.73                 | 16.08          | 0.041        |
| QPSK       | 699.7                   | 23017      | 1.4 | 1       | 5         | 23.80                 | 16.15          | 0.041        |
| QPSK       | 699.7                   | 23017      | 1.4 | 3       | 0         | 23.75                 | 16.10          | 0.041        |
| QPSK       | 699.7                   | 23017      | 1.4 | 3       | 1         | 23.69                 | 16.04          | 0.040        |
| QPSK       | 699.7                   | 23017      | 1.4 | 3       | 3         | 23.70                 | 16.05          | 0.040        |
| QPSK       | 699.7                   | 23017      | 1.4 | 6       | 0         | 23.78                 | 16.13          | 0.041        |
| QPSK       | 707.5                   | 23095      | 1.4 | 1       | 0         | 23.52                 | 15.87          | 0.039        |
| QPSK       | 707.5                   | 23095      | 1.4 | 1       | 3         | 23.74                 | 16.09          | 0.041        |
| QPSK       | 707.5                   | 23095      | 1.4 | 1       | 5         | 23.77                 | 16.12          | 0.041        |
| QPSK       | 707.5                   | 23095      | 1.4 | 3       | 0         | 23.77                 | 16.12          | 0.041        |
| QPSK       | 707.5                   | 23095      | 1.4 | 3       | 1         | 23.81                 | 16.16          | 0.041        |
| QPSK       | 707.5                   | 23095      | 1.4 | 3       | 3         | 23.66                 | 16.01          | 0.040        |
| QPSK       | 707.5                   | 23095      | 1.4 | 6       | 0         | 23.76                 | 16.11          | 0.041        |
| QPSK       | 715.3                   | 23173      | 1.4 | 1       | 0         | 23.82                 | 16.17          | 0.041        |
| QPSK       | 715.3                   | 23173      | 1.4 | 1       | 3         | 23.75                 | 16.10          | 0.041        |
| QPSK       | 715.3                   | 23173      | 1.4 | 1       | 5         | 23.66                 | 16.01          | 0.040        |
| QPSK       | 715.3                   | 23173      | 1.4 | 3       | 0         | 23.71                 | 16.06          | 0.040        |
| QPSK       | 715.3                   | 23173      | 1.4 | 3       | 1         | 23.74                 | 16.09          | 0.041        |
| QPSK       | 715.3                   | 23173      | 1.4 | 3       | 3         | 23.77                 | 16.12          | 0.041        |
| QPSK       | 715.3                   | 23173      | 1.4 | 6       | 0         | 23.71                 | 16.06          | 0.040        |

| Modulation | Carrier frequency (MHz) | UL Channel | BW  | RB Size | RB Offset | Conducted power (dBm) | ERP/EIRP (dBm) | ERP/EIRP (W) |
|------------|-------------------------|------------|-----|---------|-----------|-----------------------|----------------|--------------|
| 16QAM      | 699.7                   | 23017      | 1.4 | 1       | 0         | 24.14                 | 16.49          | 0.045        |
| 16QAM      | 699.7                   | 23017      | 1.4 | 1       | 3         | 24.01                 | 16.36          | 0.043        |
| 16QAM      | 699.7                   | 23017      | 1.4 | 1       | 5         | 24.06                 | 16.41          | 0.044        |
| 16QAM      | 699.7                   | 23017      | 1.4 | 3       | 0         | 23.69                 | 16.04          | 0.040        |
| 16QAM      | 699.7                   | 23017      | 1.4 | 3       | 1         | 23.78                 | 16.13          | 0.041        |
| 16QAM      | 699.7                   | 23017      | 1.4 | 3       | 3         | 23.80                 | 16.15          | 0.041        |
| 16QAM      | 699.7                   | 23017      | 1.4 | 6       | 0         | 23.33                 | 15.68          | 0.037        |
| 16QAM      | 707.5                   | 23095      | 1.4 | 1       | 0         | 23.87                 | 16.22          | 0.042        |
| 16QAM      | 707.5                   | 23095      | 1.4 | 1       | 3         | 23.94                 | 16.29          | 0.043        |
| 16QAM      | 707.5                   | 23095      | 1.4 | 1       | 5         | 23.62                 | 15.97          | 0.040        |
| 16QAM      | 707.5                   | 23095      | 1.4 | 3       | 0         | 23.77                 | 16.12          | 0.041        |
| 16QAM      | 707.5                   | 23095      | 1.4 | 3       | 1         | 23.96                 | 16.31          | 0.043        |
| 16QAM      | 707.5                   | 23095      | 1.4 | 3       | 3         | 23.90                 | 16.25          | 0.042        |
| 16QAM      | 707.5                   | 23095      | 1.4 | 6       | 0         | 23.22                 | 15.57          | 0.036        |
| 16QAM      | 715.3                   | 23173      | 1.4 | 1       | 0         | 23.84                 | 16.19          | 0.042        |
| 16QAM      | 715.3                   | 23173      | 1.4 | 1       | 3         | 23.99                 | 16.34          | 0.043        |
| 16QAM      | 715.3                   | 23173      | 1.4 | 1       | 5         | 23.84                 | 16.19          | 0.042        |
| 16QAM      | 715.3                   | 23173      | 1.4 | 3       | 0         | 23.72                 | 16.07          | 0.040        |
| 16QAM      | 715.3                   | 23173      | 1.4 | 3       | 1         | 23.88                 | 16.23          | 0.042        |
| 16QAM      | 715.3                   | 23173      | 1.4 | 3       | 3         | 23.93                 | 16.28          | 0.042        |
| 16QAM      | 715.3                   | 23173      | 1.4 | 6       | 0         | 23.21                 | 15.56          | 0.036        |
| 64QAM      | 699.7                   | 23017      | 1.4 | 1       | 0         | 23.45                 | 15.80          | 0.038        |
| 64QAM      | 699.7                   | 23017      | 1.4 | 1       | 3         | 23.57                 | 15.92          | 0.039        |
| 64QAM      | 699.7                   | 23017      | 1.4 | 1       | 5         | 23.40                 | 15.75          | 0.038        |
| 64QAM      | 699.7                   | 23017      | 1.4 | 3       | 0         | 23.29                 | 15.64          | 0.037        |
| 64QAM      | 699.7                   | 23017      | 1.4 | 3       | 1         | 23.26                 | 15.61          | 0.036        |
| 64QAM      | 699.7                   | 23017      | 1.4 | 3       | 3         | 23.28                 | 15.63          | 0.037        |
| 64QAM      | 699.7                   | 23017      | 1.4 | 6       | 0         | 22.22                 | 14.57          | 0.029        |
| 64QAM      | 707.5                   | 23095      | 1.4 | 1       | 0         | 23.48                 | 15.83          | 0.038        |
| 64QAM      | 707.5                   | 23095      | 1.4 | 1       | 3         | 23.39                 | 15.74          | 0.037        |
| 64QAM      | 707.5                   | 23095      | 1.4 | 1       | 5         | 23.54                 | 15.89          | 0.039        |
| 64QAM      | 707.5                   | 23095      | 1.4 | 3       | 0         | 23.40                 | 15.75          | 0.038        |
| 64QAM      | 707.5                   | 23095      | 1.4 | 3       | 1         | 23.55                 | 15.90          | 0.039        |
| 64QAM      | 707.5                   | 23095      | 1.4 | 3       | 3         | 23.28                 | 15.63          | 0.037        |
| 64QAM      | 707.5                   | 23095      | 1.4 | 6       | 0         | 22.16                 | 14.51          | 0.028        |
| 64QAM      | 715.3                   | 23173      | 1.4 | 1       | 0         | 23.54                 | 15.89          | 0.039        |
| 64QAM      | 715.3                   | 23173      | 1.4 | 1       | 3         | 24.04                 | 16.39          | 0.044        |
| 64QAM      | 715.3                   | 23173      | 1.4 | 1       | 5         | 23.49                 | 15.84          | 0.038        |
| 64QAM      | 715.3                   | 23173      | 1.4 | 3       | 0         | 23.52                 | 15.87          | 0.039        |
| 64QAM      | 715.3                   | 23173      | 1.4 | 3       | 1         | 23.42                 | 15.77          | 0.038        |
| 64QAM      | 715.3                   | 23173      | 1.4 | 3       | 3         | 23.35                 | 15.70          | 0.037        |
| 64QAM      | 715.3                   | 23173      | 1.4 | 6       | 0         | 22.39                 | 14.74          | 0.030        |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/EIRP (dBm) | ERP/EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|----------------|--------------|
| QPSK       | 700.5                   | 23025      | 3  | 1       | 0         | 23.61                 | 15.96          | 0.039        |
| QPSK       | 700.5                   | 23025      | 3  | 1       | 8         | 23.77                 | 16.12          | 0.041        |
| QPSK       | 700.5                   | 23025      | 3  | 1       | 14        | 23.53                 | 15.88          | 0.039        |
| QPSK       | 700.5                   | 23025      | 3  | 8       | 0         | 23.75                 | 16.10          | 0.041        |
| QPSK       | 700.5                   | 23025      | 3  | 8       | 4         | 23.79                 | 16.14          | 0.041        |
| QPSK       | 700.5                   | 23025      | 3  | 8       | 7         | 23.69                 | 16.04          | 0.040        |
| QPSK       | 700.5                   | 23025      | 3  | 15      | 0         | 23.66                 | 16.01          | 0.040        |
| QPSK       | 707.5                   | 23095      | 3  | 1       | 0         | 23.56                 | 15.91          | 0.039        |
| QPSK       | 707.5                   | 23095      | 3  | 1       | 8         | 23.80                 | 16.15          | 0.041        |
| QPSK       | 707.5                   | 23095      | 3  | 1       | 14        | 23.61                 | 15.96          | 0.039        |
| QPSK       | 707.5                   | 23095      | 3  | 8       | 0         | 23.69                 | 16.04          | 0.040        |
| QPSK       | 707.5                   | 23095      | 3  | 8       | 4         | 23.80                 | 16.15          | 0.041        |
| QPSK       | 707.5                   | 23095      | 3  | 8       | 7         | 23.71                 | 16.06          | 0.040        |
| QPSK       | 707.5                   | 23095      | 3  | 15      | 0         | 23.74                 | 16.09          | 0.041        |
| QPSK       | 714.5                   | 23165      | 3  | 1       | 0         | 23.83                 | 16.18          | 0.041        |
| QPSK       | 714.5                   | 23165      | 3  | 1       | 8         | 23.80                 | 16.15          | 0.041        |
| QPSK       | 714.5                   | 23165      | 3  | 1       | 14        | 23.71                 | 16.06          | 0.040        |
| QPSK       | 714.5                   | 23165      | 3  | 8       | 0         | 23.74                 | 16.09          | 0.041        |
| QPSK       | 714.5                   | 23165      | 3  | 8       | 4         | 23.82                 | 16.17          | 0.041        |
| QPSK       | 714.5                   | 23165      | 3  | 8       | 7         | 23.77                 | 16.12          | 0.041        |
| QPSK       | 714.5                   | 23165      | 3  | 15      | 0         | 23.68                 | 16.03          | 0.040        |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/EIRP (dBm) | ERP/EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|----------------|--------------|
| 16QAM      | 700.5                   | 23025      | 3  | 1       | 0         | 23.87                 | 16.22          | 0.042        |
| 16QAM      | 700.5                   | 23025      | 3  | 1       | 8         | 23.92                 | 16.27          | 0.042        |
| 16QAM      | 700.5                   | 23025      | 3  | 1       | 14        | 23.79                 | 16.14          | 0.041        |
| 16QAM      | 700.5                   | 23025      | 3  | 8       | 0         | 23.24                 | 15.59          | 0.036        |
| 16QAM      | 700.5                   | 23025      | 3  | 8       | 4         | 23.34                 | 15.69          | 0.037        |
| 16QAM      | 700.5                   | 23025      | 3  | 8       | 7         | 23.28                 | 15.63          | 0.037        |
| 16QAM      | 700.5                   | 23025      | 3  | 15      | 0         | 23.28                 | 15.63          | 0.037        |
| 16QAM      | 707.5                   | 23095      | 3  | 1       | 0         | 23.79                 | 16.14          | 0.041        |
| 16QAM      | 707.5                   | 23095      | 3  | 1       | 8         | 24.08                 | 16.43          | 0.044        |
| 16QAM      | 707.5                   | 23095      | 3  | 1       | 14        | 23.68                 | 16.03          | 0.040        |
| 16QAM      | 707.5                   | 23095      | 3  | 8       | 0         | 23.19                 | 15.54          | 0.036        |
| 16QAM      | 707.5                   | 23095      | 3  | 8       | 4         | 23.27                 | 15.62          | 0.036        |
| 16QAM      | 707.5                   | 23095      | 3  | 8       | 7         | 23.30                 | 15.65          | 0.037        |
| 16QAM      | 707.5                   | 23095      | 3  | 15      | 0         | 23.32                 | 15.67          | 0.037        |
| 16QAM      | 714.5                   | 23165      | 3  | 1       | 0         | 23.89                 | 16.24          | 0.042        |
| 16QAM      | 714.5                   | 23165      | 3  | 1       | 8         | 24.16                 | 16.51          | 0.045        |
| 16QAM      | 714.5                   | 23165      | 3  | 1       | 14        | 24.04                 | 16.39          | 0.044        |
| 16QAM      | 714.5                   | 23165      | 3  | 8       | 0         | 23.10                 | 15.45          | 0.035        |
| 16QAM      | 714.5                   | 23165      | 3  | 8       | 4         | 23.33                 | 15.68          | 0.037        |
| 16QAM      | 714.5                   | 23165      | 3  | 8       | 7         | 23.22                 | 15.57          | 0.036        |
| 16QAM      | 714.5                   | 23165      | 3  | 15      | 0         | 23.28                 | 15.63          | 0.037        |
| 64QAM      | 700.5                   | 23025      | 3  | 1       | 0         | 23.41                 | 15.76          | 0.038        |
| 64QAM      | 700.5                   | 23025      | 3  | 1       | 8         | 23.57                 | 15.92          | 0.039        |
| 64QAM      | 700.5                   | 23025      | 3  | 1       | 14        | 23.24                 | 15.59          | 0.036        |
| 64QAM      | 700.5                   | 23025      | 3  | 8       | 0         | 22.27                 | 14.62          | 0.029        |
| 64QAM      | 700.5                   | 23025      | 3  | 8       | 4         | 22.26                 | 14.61          | 0.029        |
| 64QAM      | 700.5                   | 23025      | 3  | 8       | 7         | 22.21                 | 14.56          | 0.029        |
| 64QAM      | 700.5                   | 23025      | 3  | 15      | 0         | 22.27                 | 14.62          | 0.029        |
| 64QAM      | 707.5                   | 23095      | 3  | 1       | 0         | 23.42                 | 15.77          | 0.038        |
| 64QAM      | 707.5                   | 23095      | 3  | 1       | 8         | 23.35                 | 15.70          | 0.037        |
| 64QAM      | 707.5                   | 23095      | 3  | 1       | 14        | 23.26                 | 15.61          | 0.036        |
| 64QAM      | 707.5                   | 23095      | 3  | 8       | 0         | 22.22                 | 14.57          | 0.029        |
| 64QAM      | 707.5                   | 23095      | 3  | 8       | 4         | 22.25                 | 14.60          | 0.029        |
| 64QAM      | 707.5                   | 23095      | 3  | 8       | 7         | 22.30                 | 14.65          | 0.029        |
| 64QAM      | 707.5                   | 23095      | 3  | 15      | 0         | 22.21                 | 14.56          | 0.029        |
| 64QAM      | 714.5                   | 23165      | 3  | 1       | 0         | 23.67                 | 16.02          | 0.040        |
| 64QAM      | 714.5                   | 23165      | 3  | 1       | 8         | 23.78                 | 16.13          | 0.041        |
| 64QAM      | 714.5                   | 23165      | 3  | 1       | 14        | 23.54                 | 15.89          | 0.039        |
| 64QAM      | 714.5                   | 23165      | 3  | 8       | 0         | 22.19                 | 14.54          | 0.028        |
| 64QAM      | 714.5                   | 23165      | 3  | 8       | 4         | 22.31                 | 14.66          | 0.029        |
| 64QAM      | 714.5                   | 23165      | 3  | 8       | 7         | 22.29                 | 14.64          | 0.029        |
| 64QAM      | 714.5                   | 23165      | 3  | 15      | 0         | 22.26                 | 14.61          | 0.029        |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/EIRP (dBm) | ERP/EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|----------------|--------------|
| QPSK       | 701.5                   | 23035      | 5  | 1       | 0         | 23.70                 | 16.05          | 0.040        |
| QPSK       | 701.5                   | 23035      | 5  | 1       | 12        | 23.71                 | 16.06          | 0.040        |
| QPSK       | 701.5                   | 23035      | 5  | 1       | 24        | 23.68                 | 16.03          | 0.040        |
| QPSK       | 701.5                   | 23035      | 5  | 12      | 0         | 23.69                 | 16.04          | 0.040        |
| QPSK       | 701.5                   | 23035      | 5  | 12      | 7         | 23.76                 | 16.11          | 0.041        |
| QPSK       | 701.5                   | 23035      | 5  | 12      | 13        | 23.69                 | 16.04          | 0.040        |
| QPSK       | 701.5                   | 23035      | 5  | 25      | 0         | 23.71                 | 16.06          | 0.040        |
| QPSK       | 707.5                   | 23095      | 5  | 1       | 0         | 23.61                 | 15.96          | 0.039        |
| QPSK       | 707.5                   | 23095      | 5  | 1       | 12        | 23.75                 | 16.10          | 0.041        |
| QPSK       | 707.5                   | 23095      | 5  | 1       | 24        | 23.77                 | 16.12          | 0.041        |
| QPSK       | 707.5                   | 23095      | 5  | 12      | 0         | 23.65                 | 16.00          | 0.040        |
| QPSK       | 707.5                   | 23095      | 5  | 12      | 7         | 23.80                 | 16.15          | 0.041        |
| QPSK       | 707.5                   | 23095      | 5  | 12      | 13        | 23.71                 | 16.06          | 0.040        |
| QPSK       | 707.5                   | 23095      | 5  | 25      | 0         | 23.72                 | 16.07          | 0.040        |
| QPSK       | 713.5                   | 23155      | 5  | 1       | 0         | 23.74                 | 16.09          | 0.041        |
| QPSK       | 713.5                   | 23155      | 5  | 1       | 12        | 24.15                 | 16.50          | 0.045        |
| QPSK       | 713.5                   | 23155      | 5  | 1       | 24        | 23.82                 | 16.17          | 0.041        |
| QPSK       | 713.5                   | 23155      | 5  | 12      | 0         | 23.67                 | 16.02          | 0.040        |
| QPSK       | 713.5                   | 23155      | 5  | 12      | 7         | 23.77                 | 16.12          | 0.041        |
| QPSK       | 713.5                   | 23155      | 5  | 12      | 13        | 23.84                 | 16.19          | 0.042        |
| QPSK       | 713.5                   | 23155      | 5  | 25      | 0         | 23.72                 | 16.07          | 0.040        |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/EIRP (dBm) | ERP/EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|----------------|--------------|
| 16QAM      | 701.5                   | 23035      | 5  | 1       | 0         | 23.76                 | 16.11          | 0.041        |
| 16QAM      | 701.5                   | 23035      | 5  | 1       | 12        | 24.10                 | 16.45          | 0.044        |
| 16QAM      | 701.5                   | 23035      | 5  | 1       | 24        | 24.01                 | 16.36          | 0.043        |
| 16QAM      | 701.5                   | 23035      | 5  | 12      | 0         | 23.33                 | 15.68          | 0.037        |
| 16QAM      | 701.5                   | 23035      | 5  | 12      | 7         | 23.11                 | 15.46          | 0.035        |
| 16QAM      | 701.5                   | 23035      | 5  | 12      | 13        | 23.20                 | 15.55          | 0.036        |
| 16QAM      | 701.5                   | 23035      | 5  | 25      | 0         | 23.22                 | 15.57          | 0.036        |
| 16QAM      | 707.5                   | 23095      | 5  | 1       | 0         | 23.84                 | 16.19          | 0.042        |
| 16QAM      | 707.5                   | 23095      | 5  | 1       | 12        | 24.18                 | 16.53          | 0.045        |
| 16QAM      | 707.5                   | 23095      | 5  | 1       | 24        | 23.89                 | 16.24          | 0.042        |
| 16QAM      | 707.5                   | 23095      | 5  | 12      | 0         | 23.02                 | 15.37          | 0.034        |
| 16QAM      | 707.5                   | 23095      | 5  | 12      | 7         | 23.33                 | 15.68          | 0.037        |
| 16QAM      | 707.5                   | 23095      | 5  | 12      | 13        | 23.17                 | 15.52          | 0.036        |
| 16QAM      | 707.5                   | 23095      | 5  | 25      | 0         | 23.27                 | 15.62          | 0.036        |
| 16QAM      | 713.5                   | 23155      | 5  | 1       | 0         | 23.76                 | 16.11          | 0.041        |
| 16QAM      | 713.5                   | 23155      | 5  | 1       | 12        | 24.11                 | 16.46          | 0.044        |
| 16QAM      | 713.5                   | 23155      | 5  | 1       | 24        | 23.79                 | 16.14          | 0.041        |
| 16QAM      | 713.5                   | 23155      | 5  | 12      | 0         | 23.28                 | 15.63          | 0.037        |
| 16QAM      | 713.5                   | 23155      | 5  | 12      | 7         | 23.18                 | 15.53          | 0.036        |
| 16QAM      | 713.5                   | 23155      | 5  | 12      | 13        | 23.32                 | 15.67          | 0.037        |
| 16QAM      | 713.5                   | 23155      | 5  | 25      | 0         | 23.29                 | 15.64          | 0.037        |
| 64QAM      | 701.5                   | 23035      | 5  | 1       | 0         | 23.63                 | 15.98          | 0.040        |
| 64QAM      | 701.5                   | 23035      | 5  | 1       | 12        | 23.79                 | 16.14          | 0.041        |
| 64QAM      | 701.5                   | 23035      | 5  | 1       | 24        | 23.33                 | 15.68          | 0.037        |
| 64QAM      | 701.5                   | 23035      | 5  | 12      | 0         | 22.24                 | 14.59          | 0.029        |
| 64QAM      | 701.5                   | 23035      | 5  | 12      | 7         | 22.23                 | 14.58          | 0.029        |
| 64QAM      | 701.5                   | 23035      | 5  | 12      | 13        | 22.23                 | 14.58          | 0.029        |
| 64QAM      | 701.5                   | 23035      | 5  | 25      | 0         | 22.15                 | 14.50          | 0.028        |
| 64QAM      | 707.5                   | 23095      | 5  | 1       | 0         | 23.54                 | 15.89          | 0.039        |
| 64QAM      | 707.5                   | 23095      | 5  | 1       | 12        | 23.81                 | 16.16          | 0.041        |
| 64QAM      | 707.5                   | 23095      | 5  | 1       | 24        | 23.36                 | 15.71          | 0.037        |
| 64QAM      | 707.5                   | 23095      | 5  | 12      | 0         | 22.06                 | 14.41          | 0.028        |
| 64QAM      | 707.5                   | 23095      | 5  | 12      | 7         | 22.25                 | 14.60          | 0.029        |
| 64QAM      | 707.5                   | 23095      | 5  | 12      | 13        | 22.32                 | 14.67          | 0.029        |
| 64QAM      | 707.5                   | 23095      | 5  | 25      | 0         | 22.22                 | 14.57          | 0.029        |
| 64QAM      | 713.5                   | 23155      | 5  | 1       | 0         | 23.24                 | 15.59          | 0.036        |
| 64QAM      | 713.5                   | 23155      | 5  | 1       | 12        | 23.50                 | 15.85          | 0.038        |
| 64QAM      | 713.5                   | 23155      | 5  | 1       | 24        | 23.63                 | 15.98          | 0.040        |
| 64QAM      | 713.5                   | 23155      | 5  | 12      | 0         | 22.27                 | 14.62          | 0.029        |
| 64QAM      | 713.5                   | 23155      | 5  | 12      | 7         | 22.25                 | 14.60          | 0.029        |
| 64QAM      | 713.5                   | 23155      | 5  | 12      | 13        | 22.28                 | 14.63          | 0.029        |
| 64QAM      | 713.5                   | 23155      | 5  | 25      | 0         | 22.13                 | 14.48          | 0.028        |



| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/EIRP (dBm) | ERP/EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|----------------|--------------|
| QPSK       | 704                     | 23060      | 10 | 1       | 0         | 23.73                 | 16.08          | 0.041        |
| QPSK       | 704                     | 23060      | 10 | 1       | 25        | 23.73                 | 16.08          | 0.041        |
| QPSK       | 704                     | 23060      | 10 | 1       | 49        | 23.61                 | 15.96          | 0.039        |
| QPSK       | 704                     | 23060      | 10 | 25      | 0         | 23.65                 | 16.00          | 0.040        |
| QPSK       | 704                     | 23060      | 10 | 25      | 12        | 23.73                 | 16.08          | 0.041        |
| QPSK       | 704                     | 23060      | 10 | 25      | 25        | 23.73                 | 16.08          | 0.041        |
| QPSK       | 704                     | 23060      | 10 | 50      | 0         | 23.69                 | 16.04          | 0.040        |
| QPSK       | 707.5                   | 23095      | 10 | 1       | 0         | 23.66                 | 16.01          | 0.040        |
| QPSK       | 707.5                   | 23095      | 10 | 1       | 25        | 23.64                 | 15.99          | 0.040        |
| QPSK       | 707.5                   | 23095      | 10 | 1       | 49        | 23.67                 | 16.02          | 0.040        |
| QPSK       | 707.5                   | 23095      | 10 | 25      | 0         | 23.70                 | 16.05          | 0.040        |
| QPSK       | 707.5                   | 23095      | 10 | 25      | 12        | 23.75                 | 16.10          | 0.041        |
| QPSK       | 707.5                   | 23095      | 10 | 25      | 25        | 23.69                 | 16.04          | 0.040        |
| QPSK       | 707.5                   | 23095      | 10 | 50      | 0         | 23.77                 | 16.12          | 0.041        |
| QPSK       | 711                     | 23130      | 10 | 1       | 0         | 23.63                 | 15.98          | 0.040        |
| QPSK       | 711                     | 23130      | 10 | 1       | 25        | 23.67                 | 16.02          | 0.040        |
| QPSK       | 711                     | 23130      | 10 | 1       | 49        | 23.67                 | 16.02          | 0.040        |
| QPSK       | 711                     | 23130      | 10 | 25      | 0         | 23.68                 | 16.03          | 0.040        |
| QPSK       | 711                     | 23130      | 10 | 25      | 12        | 23.75                 | 16.10          | 0.041        |
| QPSK       | 711                     | 23130      | 10 | 25      | 25        | 23.77                 | 16.12          | 0.041        |
| QPSK       | 711                     | 23130      | 10 | 50      | 0         | 23.69                 | 16.04          | 0.040        |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/EIRP (dBm) | ERP/EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|----------------|--------------|
| 256QAM     | 704                     | 23060      | 10 | 1       | 0         | 18.13                 | 10.48          | 0.011        |
| 256QAM     | 707.5                   | 23095      | 10 | 1       | 0         | 18.09                 | 10.44          | 0.011        |
| 256QAM     | 711                     | 23130      | 10 | 1       | 0         | 18.14                 | 10.49          | 0.011        |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/EIRP (dBm) | ERP/EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|----------------|--------------|
| 16QAM      | 704                     | 23060      | 10 | 1       | 0         | 23.72                 | 16.07          | 0.040        |
| 16QAM      | 704                     | 23060      | 10 | 1       | 25        | 23.70                 | 16.05          | 0.040        |
| 16QAM      | 704                     | 23060      | 10 | 1       | 49        | 23.63                 | 15.98          | 0.040        |
| 16QAM      | 704                     | 23060      | 10 | 25      | 0         | 23.22                 | 15.57          | 0.036        |
| 16QAM      | 704                     | 23060      | 10 | 25      | 12        | 23.34                 | 15.69          | 0.037        |
| 16QAM      | 704                     | 23060      | 10 | 25      | 25        | 23.25                 | 15.60          | 0.036        |
| 16QAM      | 704                     | 23060      | 10 | 50      | 0         | 23.24                 | 15.59          | 0.036        |
| 16QAM      | 707.5                   | 23095      | 10 | 1       | 0         | 24.10                 | 16.45          | 0.044        |
| 16QAM      | 707.5                   | 23095      | 10 | 1       | 25        | 23.84                 | 16.19          | 0.042        |
| 16QAM      | 707.5                   | 23095      | 10 | 1       | 49        | 23.93                 | 16.28          | 0.042        |
| 16QAM      | 707.5                   | 23095      | 10 | 25      | 0         | 23.20                 | 15.55          | 0.036        |
| 16QAM      | 707.5                   | 23095      | 10 | 25      | 12        | 23.38                 | 15.73          | 0.037        |
| 16QAM      | 707.5                   | 23095      | 10 | 25      | 25        | 23.31                 | 15.66          | 0.037        |
| 16QAM      | 707.5                   | 23095      | 10 | 50      | 0         | 23.26                 | 15.61          | 0.036        |
| 16QAM      | 711                     | 23130      | 10 | 1       | 0         | 23.88                 | 16.23          | 0.042        |
| 16QAM      | 711                     | 23130      | 10 | 1       | 25        | 23.94                 | 16.29          | 0.043        |
| 16QAM      | 711                     | 23130      | 10 | 1       | 49        | 23.86                 | 16.21          | 0.042        |
| 16QAM      | 711                     | 23130      | 10 | 25      | 0         | 23.15                 | 15.50          | 0.035        |
| 16QAM      | 711                     | 23130      | 10 | 25      | 12        | 23.19                 | 15.54          | 0.036        |
| 16QAM      | 711                     | 23130      | 10 | 25      | 25        | 23.30                 | 15.65          | 0.037        |
| 16QAM      | 711                     | 23130      | 10 | 50      | 0         | 23.14                 | 15.49          | 0.035        |
| 64QAM      | 704                     | 23060      | 10 | 1       | 0         | 23.46                 | 15.81          | 0.038        |
| 64QAM      | 704                     | 23060      | 10 | 1       | 25        | 23.46                 | 15.81          | 0.038        |
| 64QAM      | 704                     | 23060      | 10 | 1       | 49        | 23.44                 | 15.79          | 0.038        |
| 64QAM      | 704                     | 23060      | 10 | 25      | 0         | 22.13                 | 14.48          | 0.028        |
| 64QAM      | 704                     | 23060      | 10 | 25      | 12        | 22.30                 | 14.65          | 0.029        |
| 64QAM      | 704                     | 23060      | 10 | 25      | 25        | 22.26                 | 14.61          | 0.029        |
| 64QAM      | 704                     | 23060      | 10 | 50      | 0         | 22.19                 | 14.54          | 0.028        |
| 64QAM      | 707.5                   | 23095      | 10 | 1       | 0         | 23.47                 | 15.82          | 0.038        |
| 64QAM      | 707.5                   | 23095      | 10 | 1       | 25        | 23.30                 | 15.65          | 0.037        |
| 64QAM      | 707.5                   | 23095      | 10 | 1       | 49        | 23.64                 | 15.99          | 0.040        |
| 64QAM      | 707.5                   | 23095      | 10 | 25      | 0         | 22.18                 | 14.53          | 0.028        |
| 64QAM      | 707.5                   | 23095      | 10 | 25      | 12        | 22.39                 | 14.74          | 0.030        |
| 64QAM      | 707.5                   | 23095      | 10 | 25      | 25        | 22.34                 | 14.69          | 0.029        |
| 64QAM      | 707.5                   | 23095      | 10 | 50      | 0         | 22.24                 | 14.59          | 0.029        |
| 64QAM      | 711                     | 23130      | 10 | 1       | 0         | 23.40                 | 15.75          | 0.038        |
| 64QAM      | 711                     | 23130      | 10 | 1       | 25        | 23.52                 | 15.87          | 0.039        |
| 64QAM      | 711                     | 23130      | 10 | 1       | 49        | 23.56                 | 15.91          | 0.039        |
| 64QAM      | 711                     | 23130      | 10 | 25      | 0         | 22.21                 | 14.56          | 0.029        |
| 64QAM      | 711                     | 23130      | 10 | 25      | 12        | 22.27                 | 14.62          | 0.029        |
| 64QAM      | 711                     | 23130      | 10 | 25      | 25        | 22.24                 | 14.59          | 0.029        |
| 64QAM      | 711                     | 23130      | 10 | 50      | 0         | 22.24                 | 14.59          | 0.029        |