

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

**LTE Band 7**

**1 RF Power Output**

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 2502.5                  | 20775      | 5  | 1       | 0         | 18.79                 |
| QPSK       | 2502.5                  | 20775      | 5  | 1       | 12        | 18.84                 |
| QPSK       | 2502.5                  | 20775      | 5  | 1       | 24        | 18.72                 |
| QPSK       | 2502.5                  | 20775      | 5  | 12      | 0         | 18.78                 |
| QPSK       | 2502.5                  | 20775      | 5  | 12      | 7         | 18.72                 |
| QPSK       | 2502.5                  | 20775      | 5  | 12      | 13        | 18.77                 |
| QPSK       | 2502.5                  | 20775      | 5  | 25      | 0         | 18.73                 |
| QPSK       | 2535                    | 21100      | 5  | 1       | 0         | 18.67                 |
| QPSK       | 2535                    | 21100      | 5  | 1       | 12        | 18.71                 |
| QPSK       | 2535                    | 21100      | 5  | 1       | 24        | 18.48                 |
| QPSK       | 2535                    | 21100      | 5  | 12      | 0         | 18.58                 |
| QPSK       | 2535                    | 21100      | 5  | 12      | 7         | 18.57                 |
| QPSK       | 2535                    | 21100      | 5  | 12      | 13        | 18.58                 |
| QPSK       | 2535                    | 21100      | 5  | 25      | 0         | 18.55                 |
| QPSK       | 2567.5                  | 21425      | 5  | 1       | 0         | 18.51                 |
| QPSK       | 2567.5                  | 21425      | 5  | 1       | 12        | 18.54                 |
| QPSK       | 2567.5                  | 21425      | 5  | 1       | 24        | 18.18                 |
| QPSK       | 2567.5                  | 21425      | 5  | 12      | 0         | 18.31                 |
| QPSK       | 2567.5                  | 21425      | 5  | 12      | 7         | 18.40                 |
| QPSK       | 2567.5                  | 21425      | 5  | 12      | 13        | 18.27                 |
| QPSK       | 2567.5                  | 21425      | 5  | 25      | 0         | 18.27                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM      | 2502.5                  | 20775      | 5  | 1       | 0         | 19.06                 |
| 16QAM      | 2502.5                  | 20775      | 5  | 1       | 12        | 19.09                 |
| 16QAM      | 2502.5                  | 20775      | 5  | 1       | 24        | 18.42                 |
| 16QAM      | 2502.5                  | 20775      | 5  | 12      | 0         | 17.63                 |
| 16QAM      | 2502.5                  | 20775      | 5  | 12      | 7         | 17.75                 |
| 16QAM      | 2502.5                  | 20775      | 5  | 12      | 13        | 17.77                 |
| 16QAM      | 2502.5                  | 20775      | 5  | 25      | 0         | 17.76                 |
| 16QAM      | 2535                    | 21100      | 5  | 1       | 0         | 18.82                 |
| 16QAM      | 2535                    | 21100      | 5  | 1       | 12        | 19.15                 |
| 16QAM      | 2535                    | 21100      | 5  | 1       | 24        | 18.53                 |
| 16QAM      | 2535                    | 21100      | 5  | 12      | 0         | 17.53                 |
| 16QAM      | 2535                    | 21100      | 5  | 12      | 7         | 17.58                 |
| 16QAM      | 2535                    | 21100      | 5  | 12      | 13        | 17.64                 |
| 16QAM      | 2535                    | 21100      | 5  | 25      | 0         | 17.58                 |
| 16QAM      | 2567.5                  | 21425      | 5  | 1       | 0         | 18.78                 |
| 16QAM      | 2567.5                  | 21425      | 5  | 1       | 12        | 18.14                 |
| 16QAM      | 2567.5                  | 21425      | 5  | 1       | 24        | 18.44                 |
| 16QAM      | 2567.5                  | 21425      | 5  | 12      | 0         | 17.29                 |
| 16QAM      | 2567.5                  | 21425      | 5  | 12      | 7         | 17.35                 |
| 16QAM      | 2567.5                  | 21425      | 5  | 12      | 13        | 17.24                 |
| 16QAM      | 2567.5                  | 21425      | 5  | 25      | 0         | 17.38                 |
| 64QAM      | 2502.5                  | 20775      | 5  | 1       | 0         | 18.09                 |
| 64QAM      | 2502.5                  | 20775      | 5  | 1       | 12        | 18.24                 |
| 64QAM      | 2502.5                  | 20775      | 5  | 1       | 24        | 17.73                 |
| 64QAM      | 2502.5                  | 20775      | 5  | 12      | 0         | 16.93                 |
| 64QAM      | 2502.5                  | 20775      | 5  | 12      | 7         | 16.87                 |
| 64QAM      | 2502.5                  | 20775      | 5  | 12      | 13        | 16.89                 |
| 64QAM      | 2502.5                  | 20775      | 5  | 25      | 0         | 16.48                 |
| 64QAM      | 2535                    | 21100      | 5  | 1       | 0         | 17.95                 |
| 64QAM      | 2535                    | 21100      | 5  | 1       | 12        | 17.94                 |
| 64QAM      | 2535                    | 21100      | 5  | 1       | 24        | 17.65                 |
| 64QAM      | 2535                    | 21100      | 5  | 12      | 0         | 16.58                 |
| 64QAM      | 2535                    | 21100      | 5  | 12      | 7         | 16.73                 |
| 64QAM      | 2535                    | 21100      | 5  | 12      | 13        | 16.68                 |
| 64QAM      | 2535                    | 21100      | 5  | 25      | 0         | 16.47                 |
| 64QAM      | 2567.5                  | 21425      | 5  | 1       | 0         | 17.67                 |
| 64QAM      | 2567.5                  | 21425      | 5  | 1       | 12        | 17.46                 |
| 64QAM      | 2567.5                  | 21425      | 5  | 1       | 24        | 17.39                 |
| 64QAM      | 2567.5                  | 21425      | 5  | 12      | 0         | 16.28                 |
| 64QAM      | 2567.5                  | 21425      | 5  | 12      | 7         | 16.30                 |
| 64QAM      | 2567.5                  | 21425      | 5  | 12      | 13        | 16.31                 |
| 64QAM      | 2567.5                  | 21425      | 5  | 25      | 0         | 16.86                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 2505                    | 20800      | 10 | 1       | 0         | 18.82                 |
| QPSK       | 2505                    | 20800      | 10 | 1       | 25        | 18.81                 |
| QPSK       | 2505                    | 20800      | 10 | 1       | 49        | 18.47                 |
| QPSK       | 2505                    | 20800      | 10 | 25      | 0         | 18.76                 |
| QPSK       | 2505                    | 20800      | 10 | 25      | 12        | 18.78                 |
| QPSK       | 2505                    | 20800      | 10 | 25      | 25        | 18.68                 |
| QPSK       | 2505                    | 20800      | 10 | 50      | 0         | 18.73                 |
| QPSK       | 2535                    | 21100      | 10 | 1       | 0         | 18.54                 |
| QPSK       | 2535                    | 21100      | 10 | 1       | 25        | 18.60                 |
| QPSK       | 2535                    | 21100      | 10 | 1       | 49        | 18.41                 |
| QPSK       | 2535                    | 21100      | 10 | 25      | 0         | 18.53                 |
| QPSK       | 2535                    | 21100      | 10 | 25      | 12        | 18.45                 |
| QPSK       | 2535                    | 21100      | 10 | 25      | 25        | 18.48                 |
| QPSK       | 2535                    | 21100      | 10 | 50      | 0         | 18.41                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM      | 2505                    | 20800      | 10 | 1       | 0         | 18.78                 |
| 16QAM      | 2505                    | 20800      | 10 | 1       | 25        | 18.76                 |
| 16QAM      | 2505                    | 20800      | 10 | 1       | 49        | 18.90                 |
| 16QAM      | 2505                    | 20800      | 10 | 25      | 0         | 17.81                 |
| 16QAM      | 2505                    | 20800      | 10 | 25      | 12        | 17.97                 |
| 16QAM      | 2505                    | 20800      | 10 | 25      | 25        | 17.70                 |
| 16QAM      | 2505                    | 20800      | 10 | 50      | 0         | 17.71                 |
| 16QAM      | 2535                    | 21100      | 10 | 1       | 0         | 18.72                 |
| 16QAM      | 2535                    | 21100      | 10 | 1       | 25        | 18.68                 |
| 16QAM      | 2535                    | 21100      | 10 | 1       | 49        | 18.69                 |
| 16QAM      | 2535                    | 21100      | 10 | 25      | 0         | 17.44                 |
| 16QAM      | 2535                    | 21100      | 10 | 25      | 12        | 17.48                 |
| 16QAM      | 2535                    | 21100      | 10 | 25      | 25        | 17.43                 |
| 16QAM      | 2535                    | 21100      | 10 | 50      | 0         | 17.40                 |
| 64QAM      | 2505                    | 20800      | 10 | 1       | 0         | 18.00                 |
| 64QAM      | 2505                    | 20800      | 10 | 1       | 25        | 17.98                 |
| 64QAM      | 2505                    | 20800      | 10 | 1       | 49        | 17.90                 |
| 64QAM      | 2505                    | 20800      | 10 | 25      | 0         | 16.71                 |
| 64QAM      | 2505                    | 20800      | 10 | 25      | 12        | 16.70                 |
| 64QAM      | 2505                    | 20800      | 10 | 25      | 25        | 16.63                 |
| 64QAM      | 2505                    | 20800      | 10 | 50      | 0         | 16.63                 |
| 64QAM      | 2535                    | 21100      | 10 | 1       | 0         | 17.67                 |
| 64QAM      | 2535                    | 21100      | 10 | 1       | 25        | 17.52                 |
| 64QAM      | 2535                    | 21100      | 10 | 1       | 49        | 17.76                 |
| 64QAM      | 2535                    | 21100      | 10 | 25      | 0         | 16.48                 |
| 64QAM      | 2535                    | 21100      | 10 | 25      | 12        | 16.64                 |
| 64QAM      | 2535                    | 21100      | 10 | 25      | 25        | 16.53                 |
| 64QAM      | 2535                    | 21100      | 10 | 50      | 0         | 16.53                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 2507.5                  | 20825      | 15 | 1       | 0         | 17.68                 |
| QPSK       | 2507.5                  | 20825      | 15 | 1       | 37        | 17.68                 |
| QPSK       | 2507.5                  | 20825      | 15 | 1       | 74        | 17.35                 |
| QPSK       | 2507.5                  | 20825      | 15 | 36      | 0         | 17.56                 |
| QPSK       | 2507.5                  | 20825      | 15 | 36      | 29        | 17.69                 |
| QPSK       | 2507.5                  | 20825      | 15 | 36      | 30        | 17.63                 |
| QPSK       | 2507.5                  | 20825      | 15 | 75      | 0         | 17.60                 |
| QPSK       | 2535                    | 21100      | 15 | 1       | 0         | 18.27                 |
| QPSK       | 2535                    | 21100      | 15 | 1       | 37        | 18.30                 |
| QPSK       | 2535                    | 21100      | 15 | 1       | 74        | 17.85                 |
| QPSK       | 2535                    | 21100      | 15 | 36      | 0         | 18.08                 |
| QPSK       | 2535                    | 21100      | 15 | 36      | 29        | 18.00                 |
| QPSK       | 2535                    | 21100      | 15 | 36      | 30        | 18.02                 |
| QPSK       | 2535                    | 21100      | 15 | 75      | 0         | 18.04                 |
| QPSK       | 2562.5                  | 21375      | 15 | 1       | 0         | 18.43                 |
| QPSK       | 2562.5                  | 21375      | 15 | 1       | 37        | 18.31                 |
| QPSK       | 2562.5                  | 21375      | 15 | 1       | 74        | 18.28                 |
| QPSK       | 2562.5                  | 21375      | 15 | 36      | 0         | 18.48                 |
| QPSK       | 2562.5                  | 21375      | 15 | 36      | 29        | 18.23                 |
| QPSK       | 2562.5                  | 21375      | 15 | 36      | 30        | 18.31                 |
| QPSK       | 2562.5                  | 21375      | 15 | 75      | 0         | 18.29                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM      | 2507.5                  | 20825      | 15 | 1       | 0         | 17.53                 |
| 16QAM      | 2507.5                  | 20825      | 15 | 1       | 37        | 18.38                 |
| 16QAM      | 2507.5                  | 20825      | 15 | 1       | 74        | 18.03                 |
| 16QAM      | 2507.5                  | 20825      | 15 | 36      | 0         | 16.56                 |
| 16QAM      | 2507.5                  | 20825      | 15 | 36      | 29        | 16.64                 |
| 16QAM      | 2507.5                  | 20825      | 15 | 36      | 30        | 16.61                 |
| 16QAM      | 2507.5                  | 20825      | 15 | 75      | 0         | 16.63                 |
| 16QAM      | 2535                    | 21100      | 15 | 1       | 0         | 18.04                 |
| 16QAM      | 2535                    | 21100      | 15 | 1       | 37        | 18.06                 |
| 16QAM      | 2535                    | 21100      | 15 | 1       | 74        | 17.95                 |
| 16QAM      | 2535                    | 21100      | 15 | 36      | 0         | 17.10                 |
| 16QAM      | 2535                    | 21100      | 15 | 36      | 29        | 16.98                 |
| 16QAM      | 2535                    | 21100      | 15 | 36      | 30        | 17.04                 |
| 16QAM      | 2535                    | 21100      | 15 | 75      | 0         | 17.01                 |
| 16QAM      | 2562.5                  | 21375      | 15 | 1       | 0         | 18.20                 |
| 16QAM      | 2562.5                  | 21375      | 15 | 1       | 37        | 18.60                 |
| 16QAM      | 2562.5                  | 21375      | 15 | 1       | 74        | 18.04                 |
| 16QAM      | 2562.5                  | 21375      | 15 | 36      | 0         | 17.46                 |
| 16QAM      | 2562.5                  | 21375      | 15 | 36      | 29        | 17.36                 |
| 16QAM      | 2562.5                  | 21375      | 15 | 36      | 30        | 17.36                 |
| 16QAM      | 2562.5                  | 21375      | 15 | 75      | 0         | 17.37                 |
| 64QAM      | 2507.5                  | 20825      | 15 | 1       | 0         | 16.30                 |
| 64QAM      | 2507.5                  | 20825      | 15 | 1       | 37        | 16.99                 |
| 64QAM      | 2507.5                  | 20825      | 15 | 1       | 74        | 16.62                 |
| 64QAM      | 2507.5                  | 20825      | 15 | 36      | 0         | 15.66                 |
| 64QAM      | 2507.5                  | 20825      | 15 | 36      | 29        | 15.57                 |
| 64QAM      | 2507.5                  | 20825      | 15 | 36      | 30        | 15.54                 |
| 64QAM      | 2507.5                  | 20825      | 15 | 75      | 0         | 15.62                 |
| 64QAM      | 2535                    | 21100      | 15 | 1       | 0         | 17.65                 |
| 64QAM      | 2535                    | 21100      | 15 | 1       | 37        | 17.26                 |
| 64QAM      | 2535                    | 21100      | 15 | 1       | 74        | 16.88                 |
| 64QAM      | 2535                    | 21100      | 15 | 36      | 0         | 16.06                 |
| 64QAM      | 2535                    | 21100      | 15 | 36      | 29        | 15.96                 |
| 64QAM      | 2535                    | 21100      | 15 | 36      | 30        | 15.97                 |
| 64QAM      | 2535                    | 21100      | 15 | 75      | 0         | 16.01                 |
| 64QAM      | 2562.5                  | 21375      | 15 | 1       | 0         | 17.89                 |
| 64QAM      | 2562.5                  | 21375      | 15 | 1       | 37        | 17.43                 |
| 64QAM      | 2562.5                  | 21375      | 15 | 1       | 74        | 17.47                 |
| 64QAM      | 2562.5                  | 21375      | 15 | 36      | 0         | 16.47                 |
| 64QAM      | 2562.5                  | 21375      | 15 | 36      | 29        | 16.45                 |
| 64QAM      | 2562.5                  | 21375      | 15 | 36      | 30        | 16.39                 |
| 64QAM      | 2562.5                  | 21375      | 15 | 75      | 0         | 16.38                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 2510                    | 20850      | 20 | 1       | 0         | 17.47                 |
| QPSK       | 2510                    | 20850      | 20 | 1       | 49        | 17.53                 |
| QPSK       | 2510                    | 20850      | 20 | 1       | 99        | 17.51                 |
| QPSK       | 2510                    | 20850      | 20 | 50      | 0         | 17.67                 |
| QPSK       | 2510                    | 20850      | 20 | 50      | 24        | 17.61                 |
| QPSK       | 2510                    | 20850      | 20 | 50      | 50        | 17.55                 |
| QPSK       | 2510                    | 20850      | 20 | 100     | 0         | 17.62                 |
| QPSK       | 2535                    | 21100      | 20 | 1       | 0         | 17.96                 |
| QPSK       | 2535                    | 21100      | 20 | 1       | 49        | 18.23                 |
| QPSK       | 2535                    | 21100      | 20 | 1       | 99        | 17.90                 |
| QPSK       | 2535                    | 21100      | 20 | 50      | 0         | 18.16                 |
| QPSK       | 2535                    | 21100      | 20 | 50      | 24        | 18.20                 |
| QPSK       | 2535                    | 21100      | 20 | 50      | 50        | 18.20                 |
| QPSK       | 2535                    | 21100      | 20 | 100     | 0         | 18.12                 |
| QPSK       | 2560                    | 21350      | 20 | 1       | 0         | 18.46                 |
| QPSK       | 2560                    | 21350      | 20 | 1       | 49        | 18.49                 |
| QPSK       | 2560                    | 21350      | 20 | 1       | 99        | 18.10                 |
| QPSK       | 2560                    | 21350      | 20 | 50      | 0         | 18.48                 |
| QPSK       | 2560                    | 21350      | 20 | 50      | 24        | 18.53                 |
| QPSK       | 2560                    | 21350      | 20 | 50      | 50        | 18.35                 |
| QPSK       | 2560                    | 21350      | 20 | 100     | 0         | 18.42                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 256QAM     | 2510                    | 20850      | 20 | 1       | 0         | 18.04                 |
| 256QAM     | 2535                    | 21100      | 20 | 1       | 0         | 18.06                 |
| 256QAM     | 2560                    | 21350      | 20 | 1       | 0         | 18.23                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM      | 2510                    | 20850      | 20 | 1       | 0         | 17.92                 |
| 16QAM      | 2510                    | 20850      | 20 | 1       | 49        | 17.85                 |
| 16QAM      | 2510                    | 20850      | 20 | 1       | 99        | 17.67                 |
| 16QAM      | 2510                    | 20850      | 20 | 50      | 0         | 16.60                 |
| 16QAM      | 2510                    | 20850      | 20 | 50      | 24        | 16.69                 |
| 16QAM      | 2510                    | 20850      | 20 | 50      | 50        | 16.59                 |
| 16QAM      | 2510                    | 20850      | 20 | 100     | 0         | 16.67                 |
| 16QAM      | 2535                    | 21100      | 20 | 1       | 0         | 18.33                 |
| 16QAM      | 2535                    | 21100      | 20 | 1       | 49        | 18.61                 |
| 16QAM      | 2535                    | 21100      | 20 | 1       | 99        | 18.50                 |
| 16QAM      | 2535                    | 21100      | 20 | 50      | 0         | 17.28                 |
| 16QAM      | 2535                    | 21100      | 20 | 50      | 24        | 17.26                 |
| 16QAM      | 2535                    | 21100      | 20 | 50      | 50        | 17.21                 |
| 16QAM      | 2535                    | 21100      | 20 | 100     | 0         | 17.18                 |
| 16QAM      | 2560                    | 21350      | 20 | 1       | 0         | 18.38                 |
| 16QAM      | 2560                    | 21350      | 20 | 1       | 49        | 19.95                 |
| 16QAM      | 2560                    | 21350      | 20 | 1       | 99        | 18.42                 |
| 16QAM      | 2560                    | 21350      | 20 | 50      | 0         | 17.45                 |
| 16QAM      | 2560                    | 21350      | 20 | 50      | 24        | 17.53                 |
| 16QAM      | 2560                    | 21350      | 20 | 50      | 50        | 17.37                 |
| 16QAM      | 2560                    | 21350      | 20 | 100     | 0         | 17.46                 |
| 64QAM      | 2510                    | 20850      | 20 | 1       | 0         | 17.21                 |
| 64QAM      | 2510                    | 20850      | 20 | 1       | 49        | 17.20                 |
| 64QAM      | 2510                    | 20850      | 20 | 1       | 99        | 17.18                 |
| 64QAM      | 2510                    | 20850      | 20 | 50      | 0         | 15.69                 |
| 64QAM      | 2510                    | 20850      | 20 | 50      | 24        | 15.74                 |
| 64QAM      | 2510                    | 20850      | 20 | 50      | 50        | 15.62                 |
| 64QAM      | 2510                    | 20850      | 20 | 100     | 0         | 15.70                 |
| 64QAM      | 2535                    | 21100      | 20 | 1       | 0         | 17.27                 |
| 64QAM      | 2535                    | 21100      | 20 | 1       | 49        | 17.44                 |
| 64QAM      | 2535                    | 21100      | 20 | 1       | 99        | 17.54                 |
| 64QAM      | 2535                    | 21100      | 20 | 50      | 0         | 16.23                 |
| 64QAM      | 2535                    | 21100      | 20 | 50      | 24        | 16.23                 |
| 64QAM      | 2535                    | 21100      | 20 | 50      | 50        | 16.13                 |
| 64QAM      | 2535                    | 21100      | 20 | 100     | 0         | 16.16                 |
| 64QAM      | 2560                    | 21350      | 20 | 1       | 0         | 17.61                 |
| 64QAM      | 2560                    | 21350      | 20 | 1       | 49        | 17.96                 |
| 64QAM      | 2560                    | 21350      | 20 | 1       | 99        | 17.35                 |
| 64QAM      | 2560                    | 21350      | 20 | 50      | 0         | 16.42                 |
| 64QAM      | 2560                    | 21350      | 20 | 50      | 24        | 16.53                 |
| 64QAM      | 2560                    | 21350      | 20 | 50      | 50        | 16.41                 |
| 64QAM      | 2560                    | 21350      | 20 | 100     | 0         | 16.43                 |



## 2 Occupied Bandwidth

| Band | Mode | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of 99% Power (MHz) |        |
|------|------|-------------------------|---------|----------|---------|-----------|------------------------------|--------|
| 7    | QPSK | 2502.5                  | 20775   | 5        | 25      | 0         | 4.444                        | Fig.1  |
| 7    | QPSK | 2535                    | 21100   | 5        | 25      | 0         | 4.457                        | Fig.2  |
| 7    | QPSK | 2567.5                  | 21425   | 5        | 25      | 0         | 4.463                        | Fig.3  |
| 7    | QPSK | 2505                    | 20800   | 10       | 50      | 0         | 8.918                        | Fig.4  |
| 7    | QPSK | 2535                    | 21100   | 10       | 50      | 0         | 8.903                        | Fig.5  |
| 7    | QPSK | 2565                    | 21400   | 10       | 50      | 0         | 8.947                        | Fig.6  |
| 7    | QPSK | 2507.5                  | 20825   | 15       | 75      | 0         | 13.383                       | Fig.7  |
| 7    | QPSK | 2535                    | 21100   | 15       | 75      | 0         | 13.392                       | Fig.8  |
| 7    | QPSK | 2562.5                  | 21375   | 15       | 75      | 0         | 13.405                       | Fig.9  |
| 7    | QPSK | 2510                    | 20850   | 20       | 100     | 0         | 17.859                       | Fig.10 |
| 7    | QPSK | 2535                    | 21100   | 20       | 100     | 0         | 17.832                       | Fig.11 |
| 7    | QPSK | 2560                    | 21350   | 20       | 100     | 0         | 17.892                       | Fig.12 |

| Band | Mode  | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of 99% Power (MHz) |        |
|------|-------|-------------------------|---------|----------|---------|-----------|------------------------------|--------|
| 7    | 16QAM | 2502.5                  | 20775   | 5        | 25      | 0         | 4.471                        | Fig.13 |
| 7    | 16QAM | 2535                    | 21100   | 5        | 25      | 0         | 4.445                        | Fig.14 |
| 7    | 16QAM | 2567.5                  | 21425   | 5        | 25      | 0         | 4.478                        | Fig.15 |
| 7    | 16QAM | 2505                    | 20800   | 10       | 50      | 0         | 8.900                        | Fig.16 |
| 7    | 16QAM | 2535                    | 21100   | 10       | 50      | 0         | 8.889                        | Fig.17 |
| 7    | 16QAM | 2565                    | 21400   | 10       | 50      | 0         | 8.962                        | Fig.18 |
| 7    | 16QAM | 2507.5                  | 20825   | 15       | 75      | 0         | 13.402                       | Fig.19 |
| 7    | 16QAM | 2535                    | 21100   | 15       | 75      | 0         | 13.343                       | Fig.20 |
| 7    | 16QAM | 2562.5                  | 21375   | 15       | 75      | 0         | 13.387                       | Fig.21 |
| 7    | 16QAM | 2510                    | 20850   | 20       | 100     | 0         | 17.735                       | Fig.22 |
| 7    | 16QAM | 2535                    | 21100   | 20       | 100     | 0         | 17.764                       | Fig.23 |
| 7    | 16QAM | 2560                    | 21350   | 20       | 100     | 0         | 17.881                       | Fig.24 |

| Band | Mode  | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of 99% Power (MHz) |        |
|------|-------|-------------------------|---------|----------|---------|-----------|------------------------------|--------|
| 7    | 64QAM | 2502.5                  | 20775   | 5        | 25      | 0         | 4.457                        | Fig.25 |
| 7    | 64QAM | 2535                    | 21100   | 5        | 25      | 0         | 4.452                        | Fig.26 |
| 7    | 64QAM | 2567.5                  | 21425   | 5        | 25      | 0         | 4.484                        | Fig.27 |
| 7    | 64QAM | 2505                    | 20800   | 10       | 50      | 0         | 8.910                        | Fig.28 |
| 7    | 64QAM | 2535                    | 21100   | 10       | 50      | 0         | 8.948                        | Fig.29 |
| 7    | 64QAM | 2565                    | 21400   | 10       | 50      | 0         | 8.919                        | Fig.30 |
| 7    | 64QAM | 2507.5                  | 20825   | 15       | 75      | 0         | 13.372                       | Fig.31 |
| 7    | 64QAM | 2535                    | 21100   | 15       | 75      | 0         | 13.407                       | Fig.32 |
| 7    | 64QAM | 2562.5                  | 21375   | 15       | 75      | 0         | 13.350                       | Fig.33 |
| 7    | 64QAM | 2510                    | 20850   | 20       | 100     | 0         | 17.802                       | Fig.34 |
| 7    | 64QAM | 2535                    | 21100   | 20       | 100     | 0         | 17.810                       | Fig.35 |
| 7    | 64QAM | 2560                    | 21350   | 20       | 100     | 0         | 17.809                       | Fig.36 |

Test Mode: QPSK

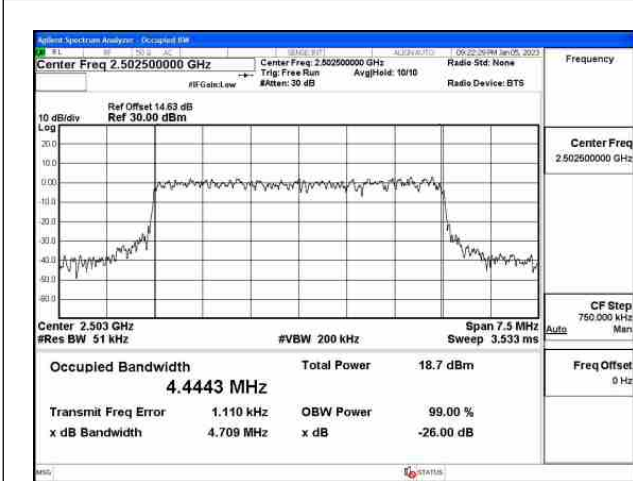


Fig.1

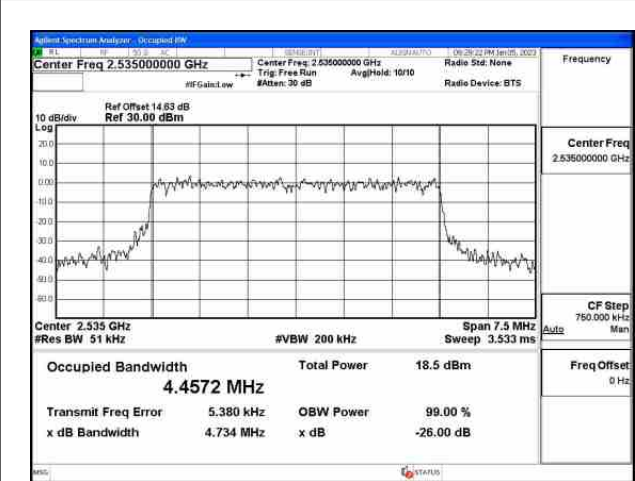


Fig.2

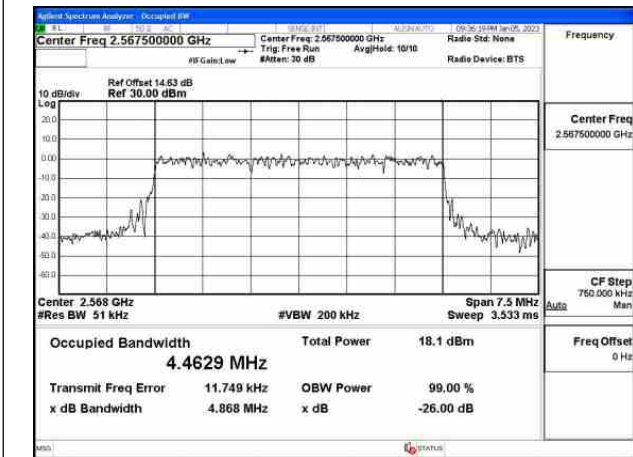


Fig.3

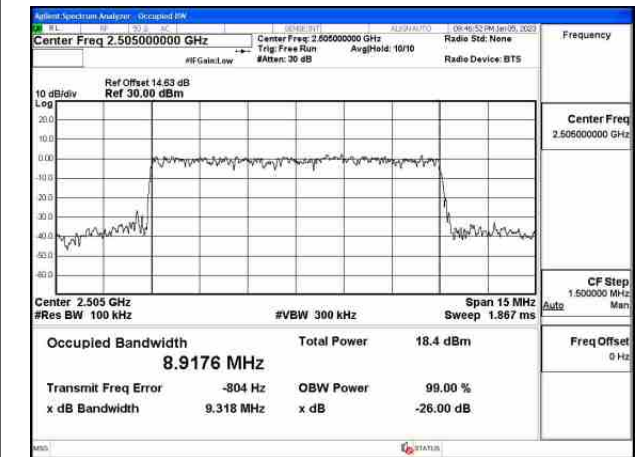


Fig.4

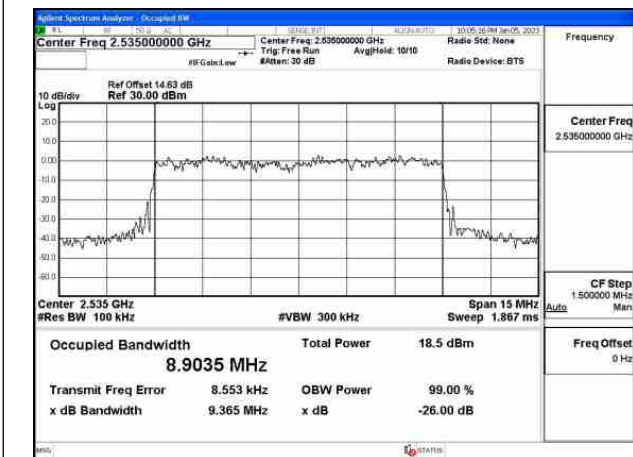


Fig.5

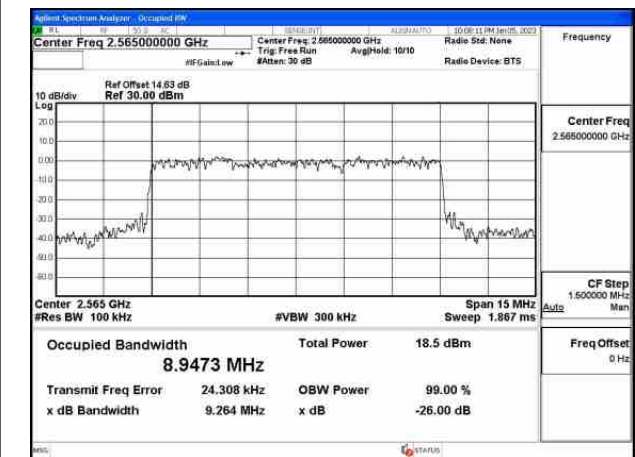


Fig.6

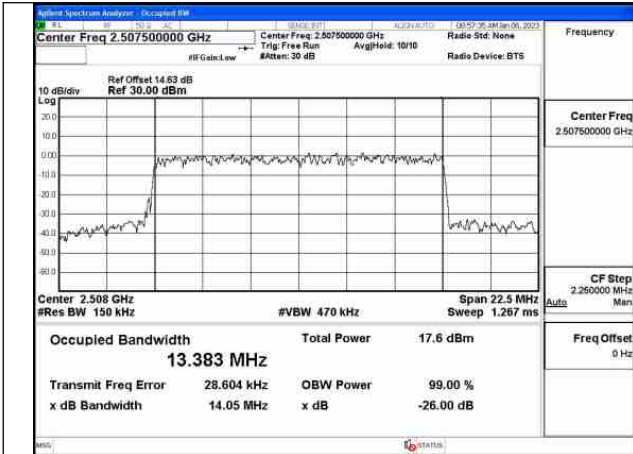


Fig.7

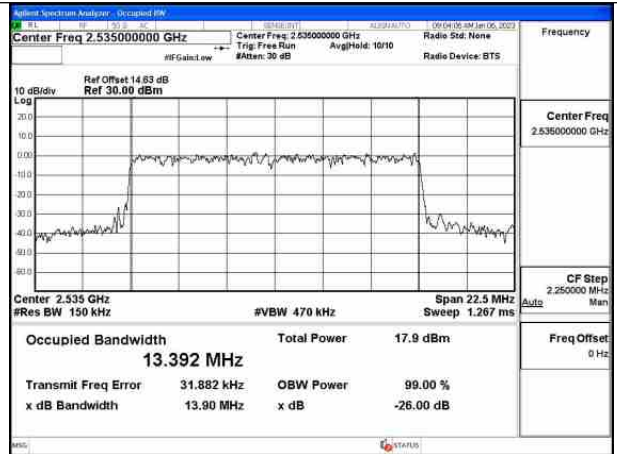


Fig.8

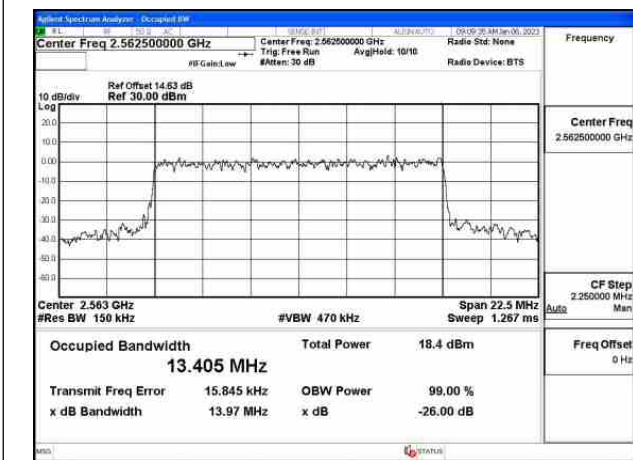


Fig.9

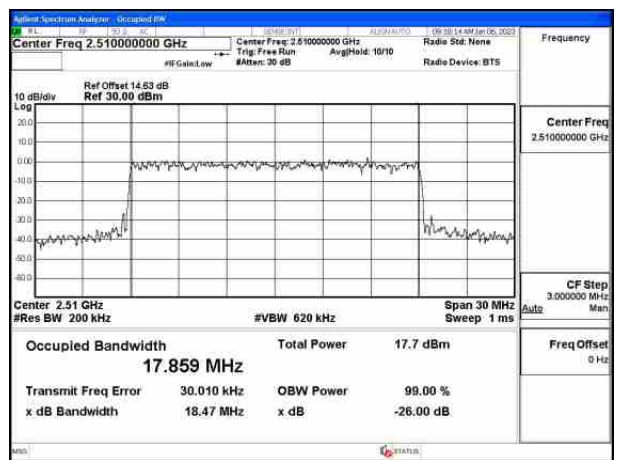


Fig.10

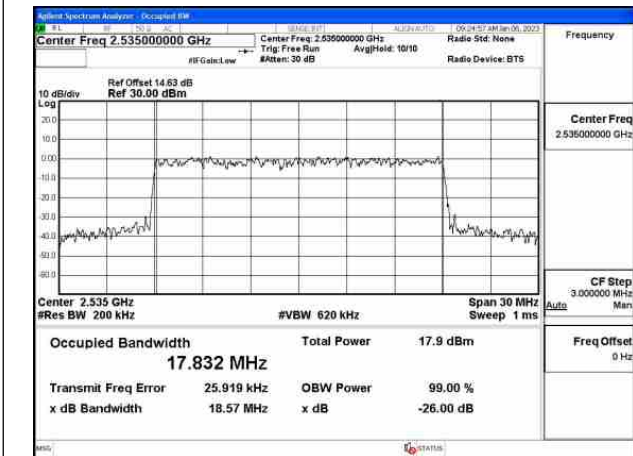


Fig.11

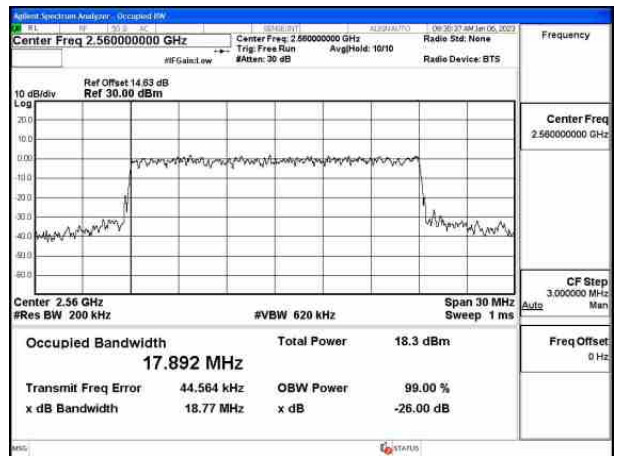


Fig.12

Test Mode: 16QAM

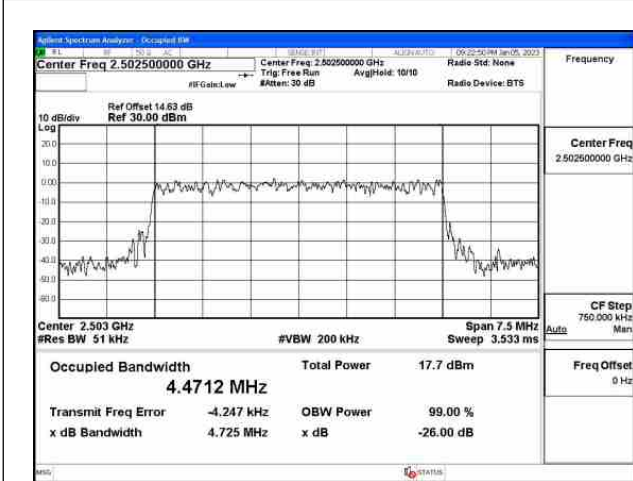


Fig.13

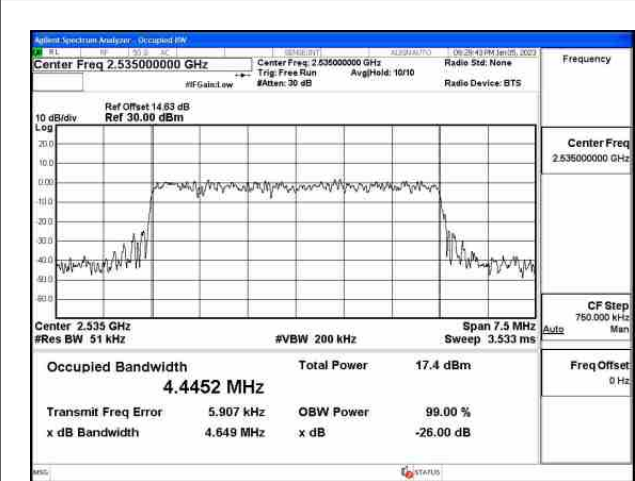


Fig.14

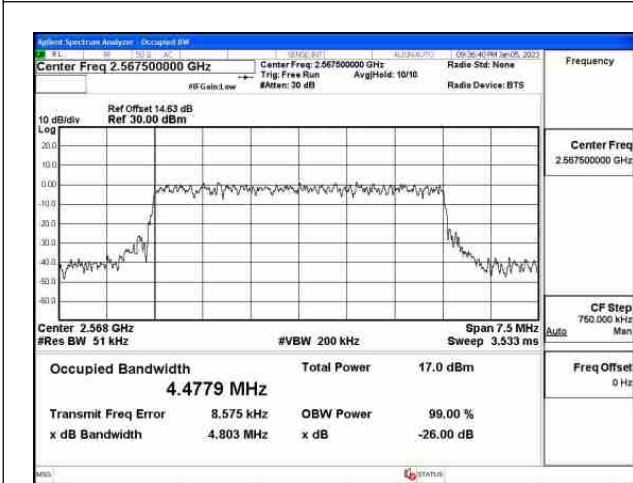


Fig.15

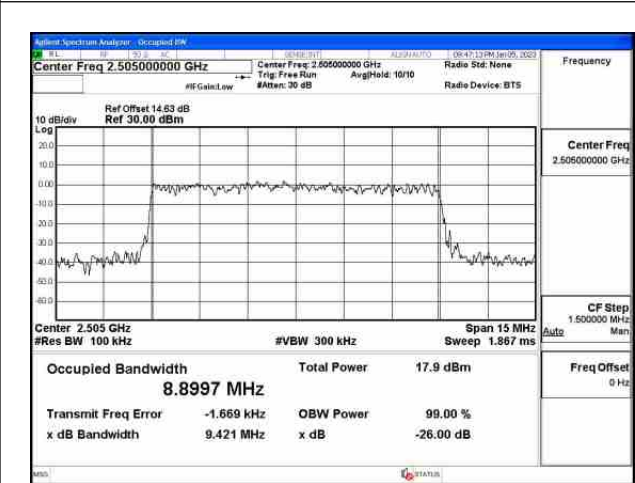


Fig.16

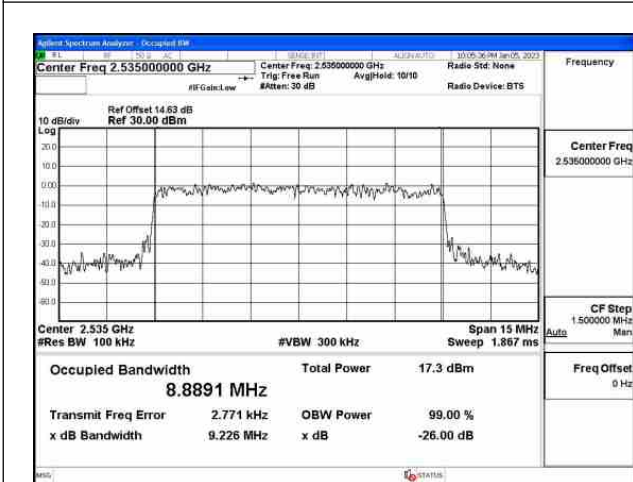


Fig.17

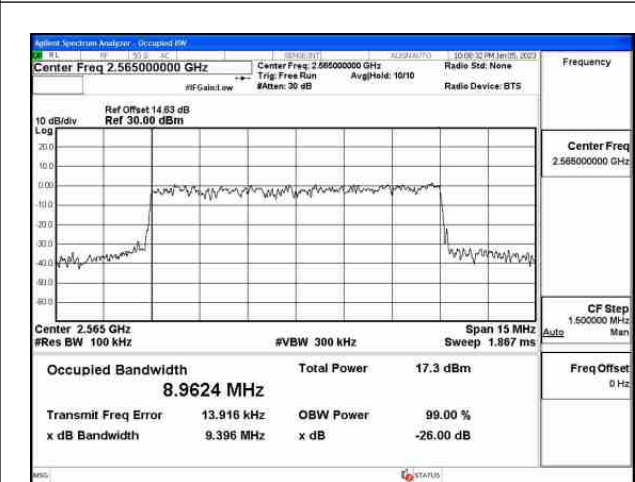


Fig.18

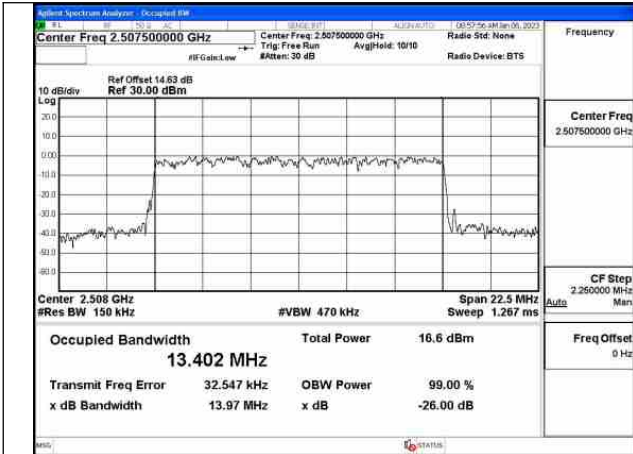


Fig.19

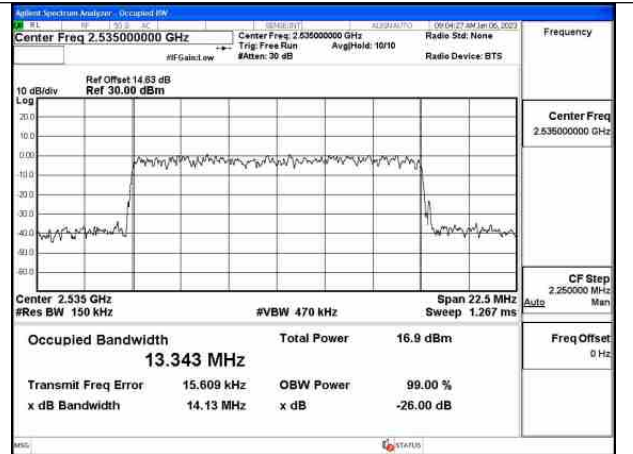


Fig.20

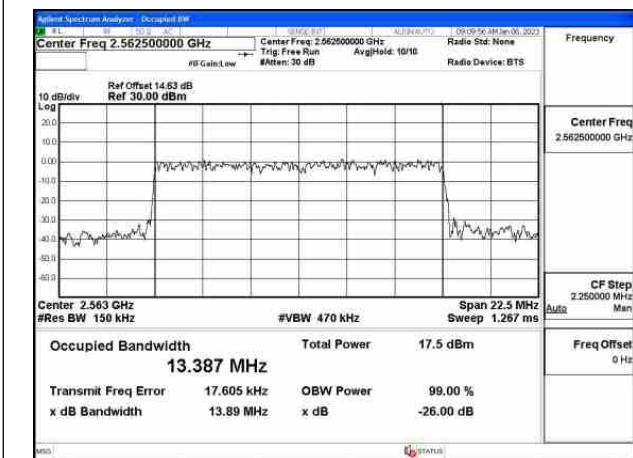


Fig.21

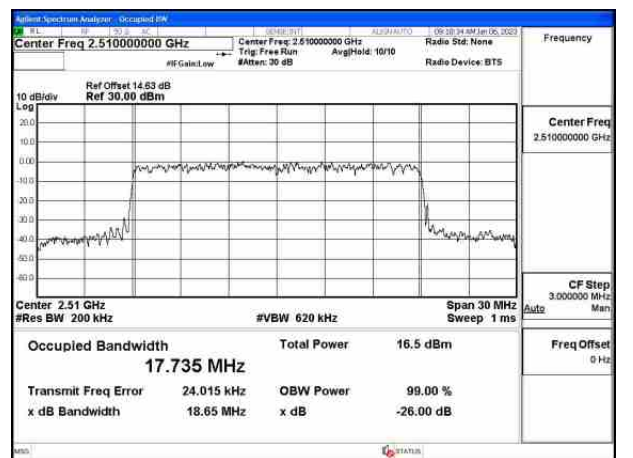


Fig.22

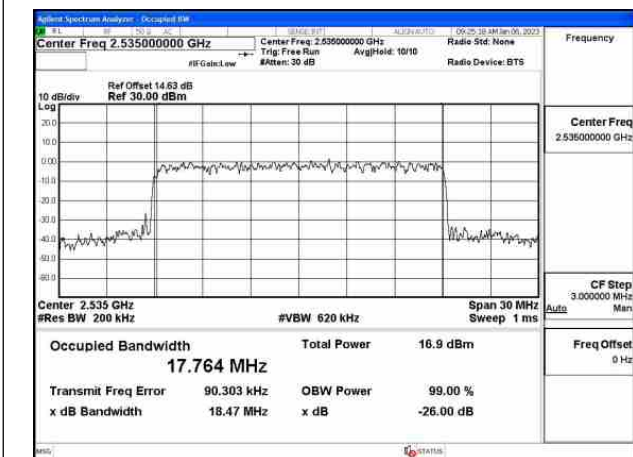


Fig.23

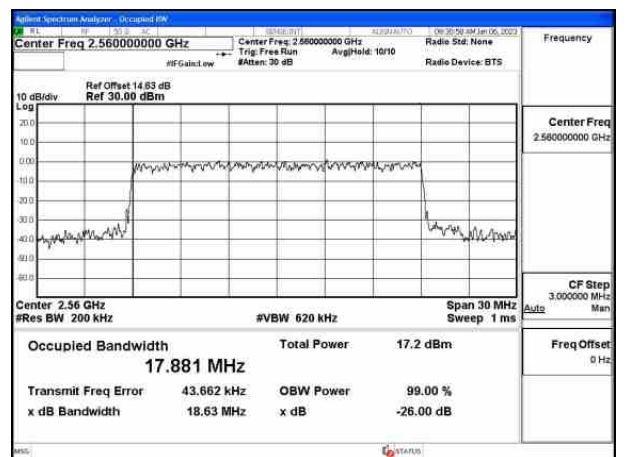


Fig.24

Test Mode: 64QAM

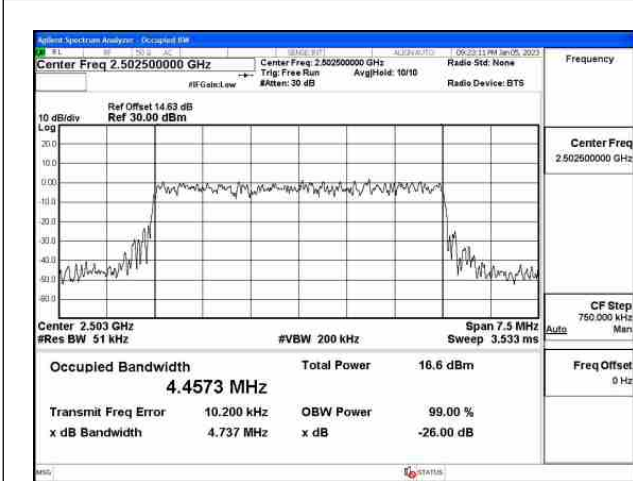


Fig.25

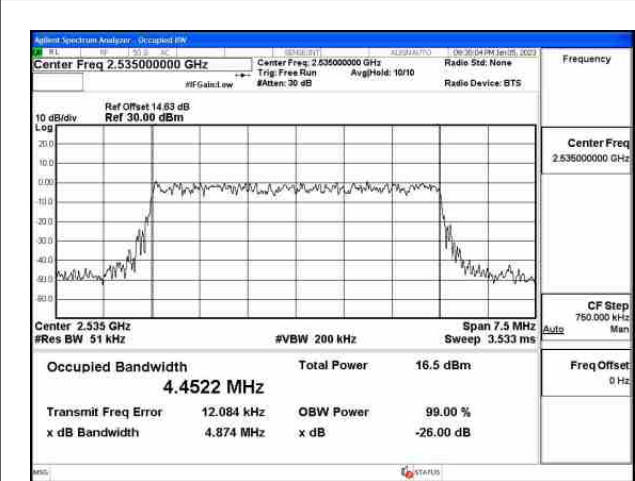


Fig.26

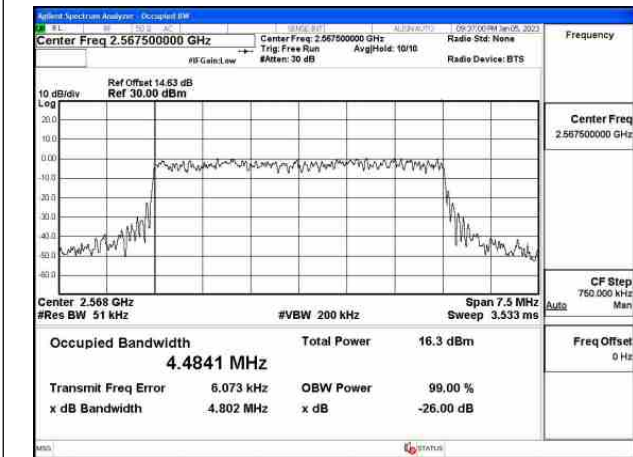


Fig.27

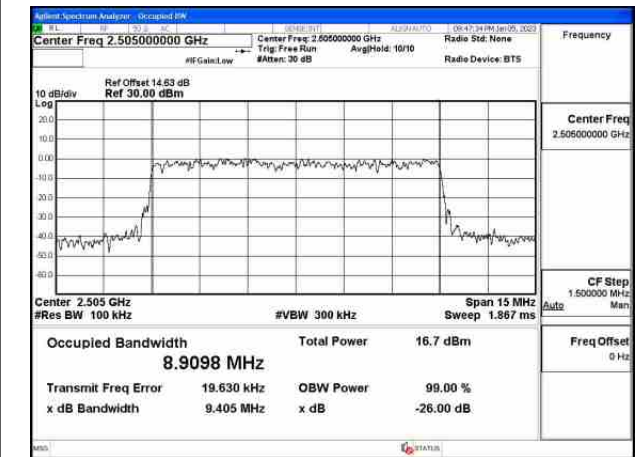


Fig.28

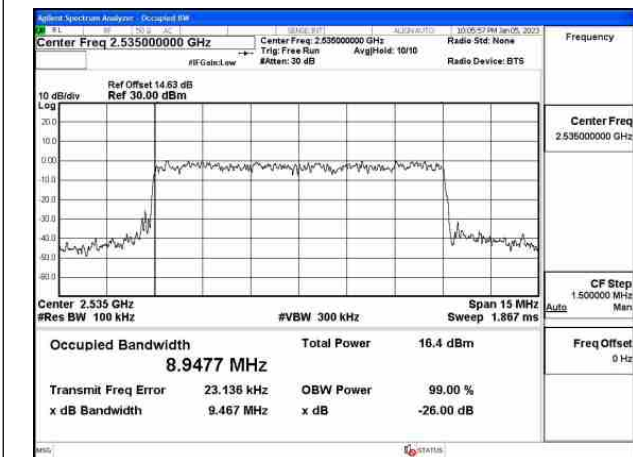


Fig.29

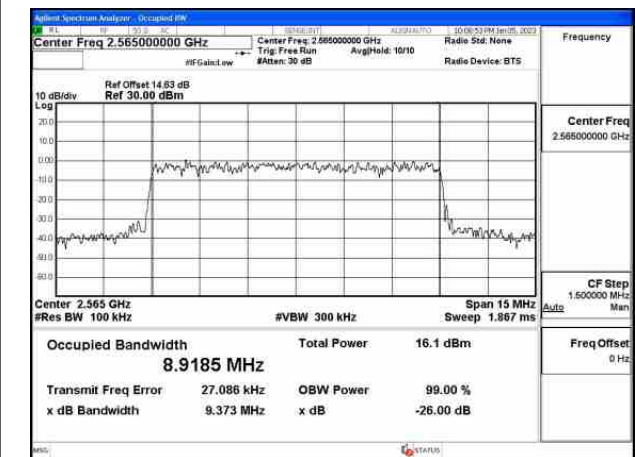


Fig.30



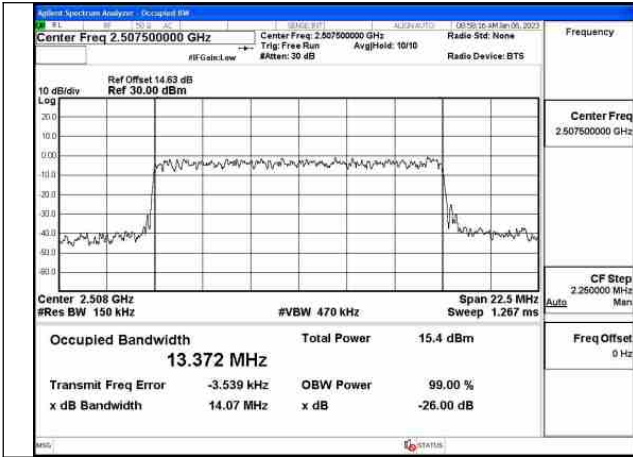


Fig.31

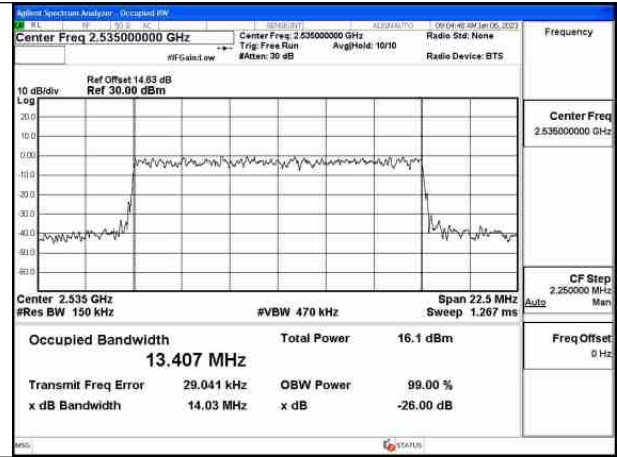


Fig.32

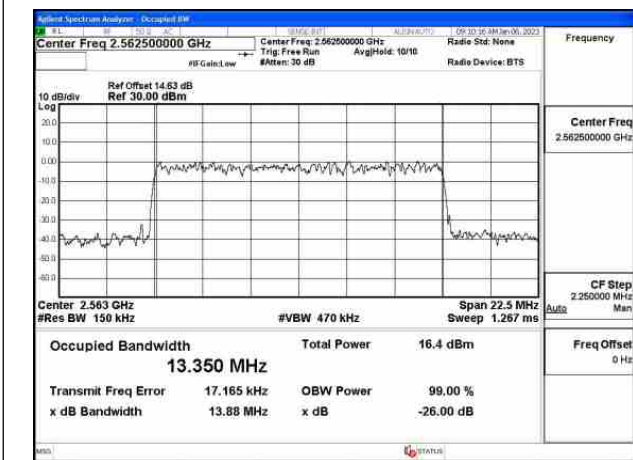


Fig.33

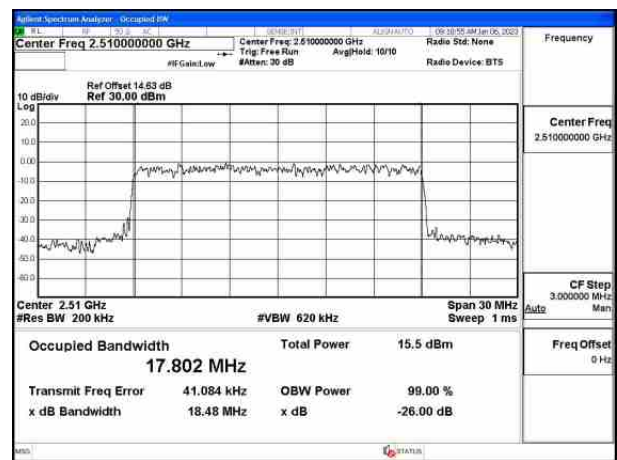


Fig.34

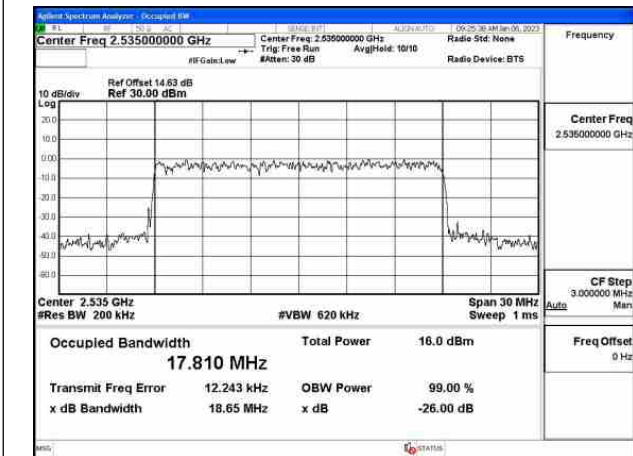


Fig.35

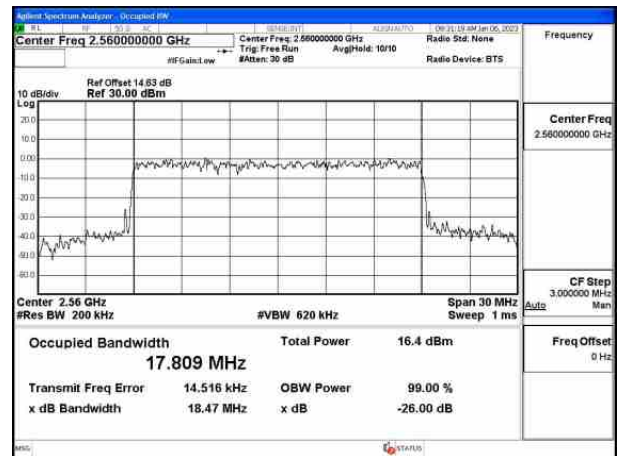


Fig.36

**3 Emission Bandwidth**

| Band | Mode | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of -26dB transmitter power (MHz) |        |
|------|------|-------------------------|---------|----------|---------|-----------|--|--------|
| 7    | QPSK | 2502.5                  | 20775   | 5        | 25      | 0         | 4.709                                      | Fig.1  |
| 7    | QPSK | 2535                    | 21100   | 5        | 25      | 0         | 4.734                                      | Fig.2  |
| 7    | QPSK | 2567.5                  | 21425   | 5        | 25      | 0         | 4.868                                      | Fig.3  |
| 7    | QPSK | 2505                    | 20800   | 10       | 50      | 0         | 9.318                                      | Fig.4  |
| 7    | QPSK | 2535                    | 21100   | 10       | 50      | 0         | 9.365                                      | Fig.5  |
| 7    | QPSK | 2565                    | 21400   | 10       | 50      | 0         | 9.264                                      | Fig.6  |
| 7    | QPSK | 2507.5                  | 20825   | 15       | 75      | 0         | 14.054                                     | Fig.7  |
| 7    | QPSK | 2535                    | 21100   | 15       | 75      | 0         | 13.901                                     | Fig.8  |
| 7    | QPSK | 2562.5                  | 21375   | 15       | 75      | 0         | 13.975                                     | Fig.9  |
| 7    | QPSK | 2510                    | 20850   | 20       | 100     | 0         | 18.470                                     | Fig.10 |
| 7    | QPSK | 2535                    | 21100   | 20       | 100     | 0         | 18.567                                     | Fig.11 |
| 7    | QPSK | 2560                    | 21350   | 20       | 100     | 0         | 18.766                                     | Fig.12 |

| Band | Mode  | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of -26dB transmitter power (MHz) |        |
|------|-------|-------------------------|---------|----------|---------|-----------|--|--------|
| 7    | 16QAM | 2502.5                  | 20775   | 5        | 25      | 0         | 4.725                                      | Fig.13 |
| 7    | 16QAM | 2535                    | 21100   | 5        | 25      | 0         | 4.649                                      | Fig.14 |
| 7    | 16QAM | 2567.5                  | 21425   | 5        | 25      | 0         | 4.803                                      | Fig.15 |
| 7    | 16QAM | 2505                    | 20800   | 10       | 50      | 0         | 9.421                                      | Fig.16 |
| 7    | 16QAM | 2535                    | 21100   | 10       | 50      | 0         | 9.226                                      | Fig.17 |
| 7    | 16QAM | 2565                    | 21400   | 10       | 50      | 0         | 9.396                                      | Fig.18 |
| 7    | 16QAM | 2507.5                  | 20825   | 15       | 75      | 0         | 13.972                                     | Fig.19 |
| 7    | 16QAM | 2535                    | 21100   | 15       | 75      | 0         | 14.134                                     | Fig.20 |
| 7    | 16QAM | 2562.5                  | 21375   | 15       | 75      | 0         | 13.894                                     | Fig.21 |
| 7    | 16QAM | 2510                    | 20850   | 20       | 100     | 0         | 18.651                                     | Fig.22 |
| 7    | 16QAM | 2535                    | 21100   | 20       | 100     | 0         | 18.467                                     | Fig.23 |
| 7    | 16QAM | 2560                    | 21350   | 20       | 100     | 0         | 18.632                                     | Fig.24 |

| Band | Mode  | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of -26dB transmitter power (MHz) |        |
|------|-------|-------------------------|---------|----------|---------|-----------|--|--------|
| 7    | 64QAM | 2502.5                  | 20775   | 5        | 25      | 0         | 4.737                                      | Fig.25 |
| 7    | 64QAM | 2535                    | 21100   | 5        | 25      | 0         | 4.874                                      | Fig.26 |
| 7    | 64QAM | 2567.5                  | 21425   | 5        | 25      | 0         | 4.802                                      | Fig.27 |
| 7    | 64QAM | 2505                    | 20800   | 10       | 50      | 0         | 9.405                                      | Fig.28 |
| 7    | 64QAM | 2535                    | 21100   | 10       | 50      | 0         | 9.467                                      | Fig.29 |
| 7    | 64QAM | 2565                    | 21400   | 10       | 50      | 0         | 9.373                                      | Fig.30 |
| 7    | 64QAM | 2507.5                  | 20825   | 15       | 75      | 0         | 14.071                                     | Fig.31 |
| 7    | 64QAM | 2535                    | 21100   | 15       | 75      | 0         | 14.026                                     | Fig.32 |
| 7    | 64QAM | 2562.5                  | 21375   | 15       | 75      | 0         | 13.881                                     | Fig.33 |
| 7    | 64QAM | 2510                    | 20850   | 20       | 100     | 0         | 18.475                                     | Fig.34 |
| 7    | 64QAM | 2535                    | 21100   | 20       | 100     | 0         | 18.648                                     | Fig.35 |
| 7    | 64QAM | 2560                    | 21350   | 20       | 100     | 0         | 18.465                                     | Fig.36 |

Test Mode: QPSK

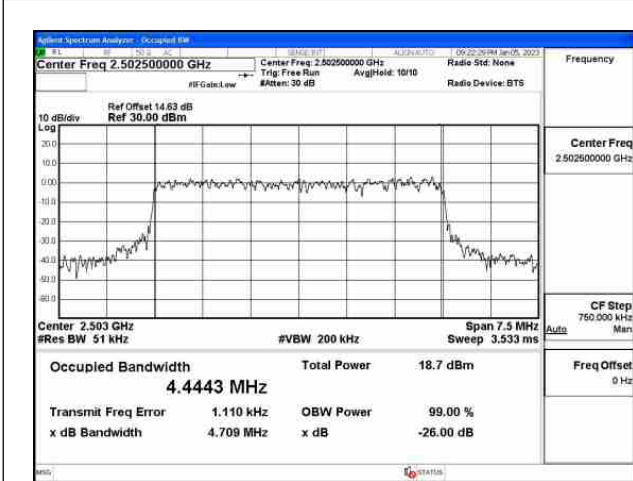


Fig.1

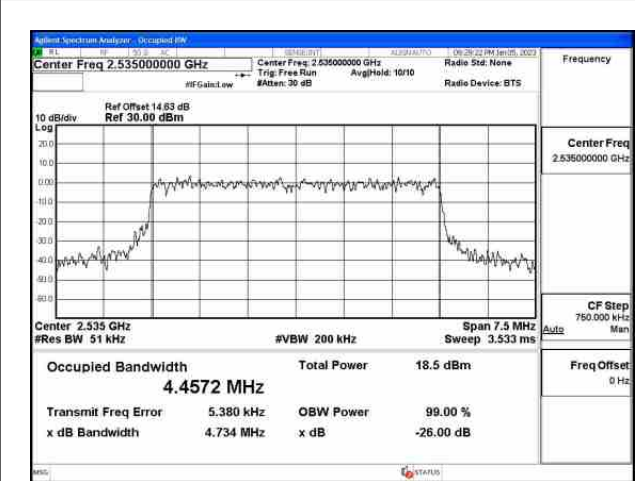


Fig.2

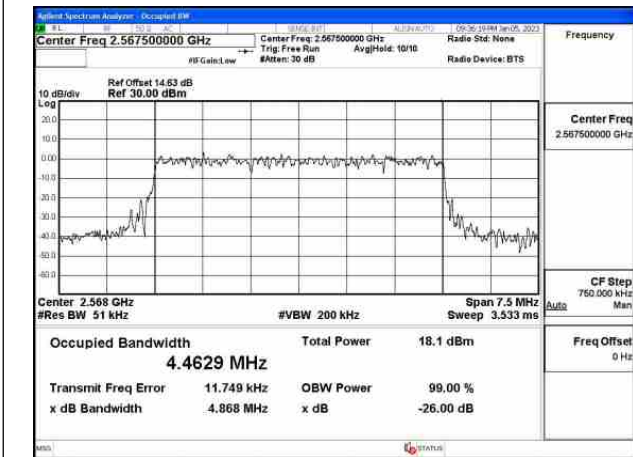


Fig.3

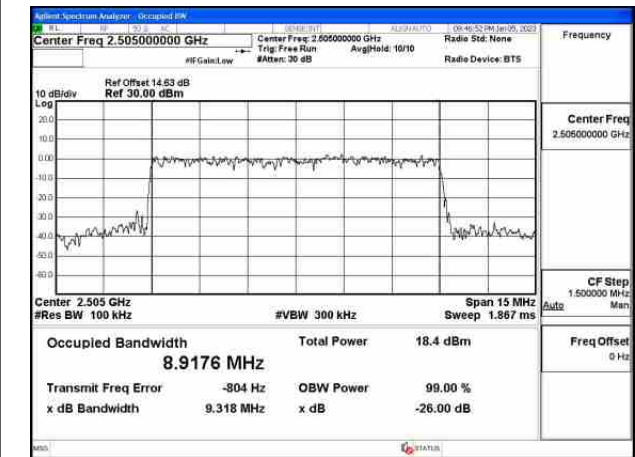


Fig.4

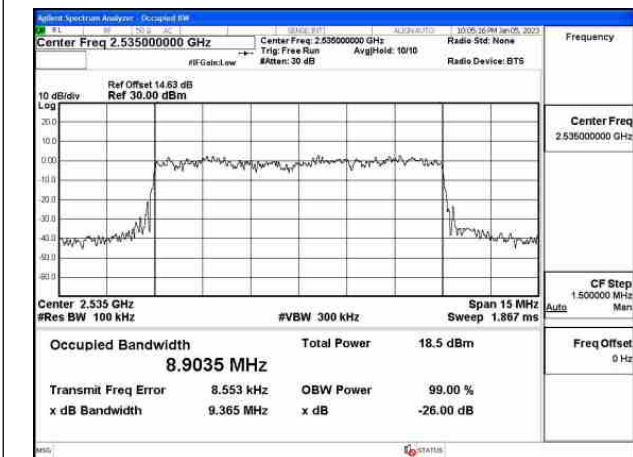


Fig.5

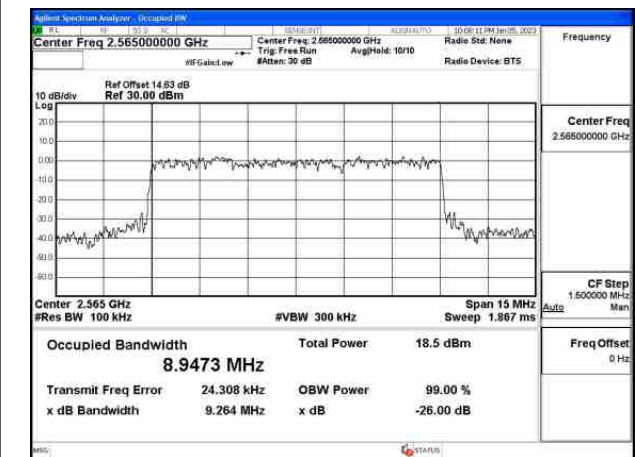


Fig.6

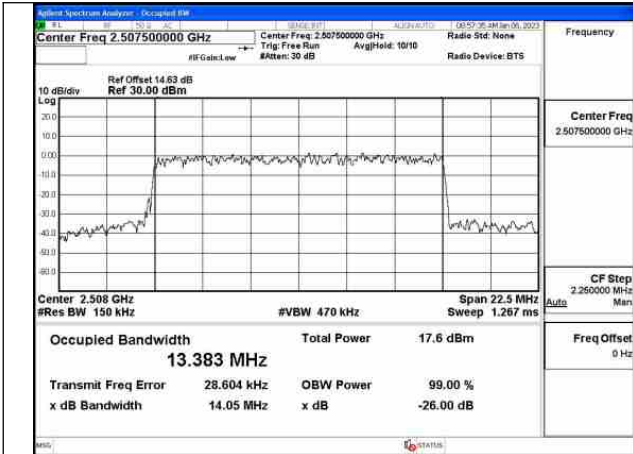


Fig.7

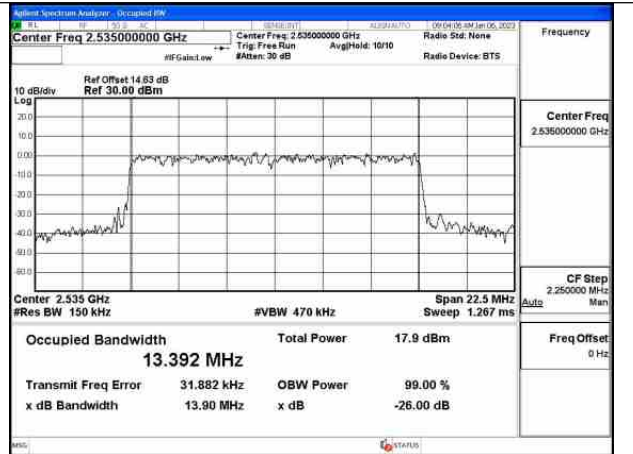


Fig.8

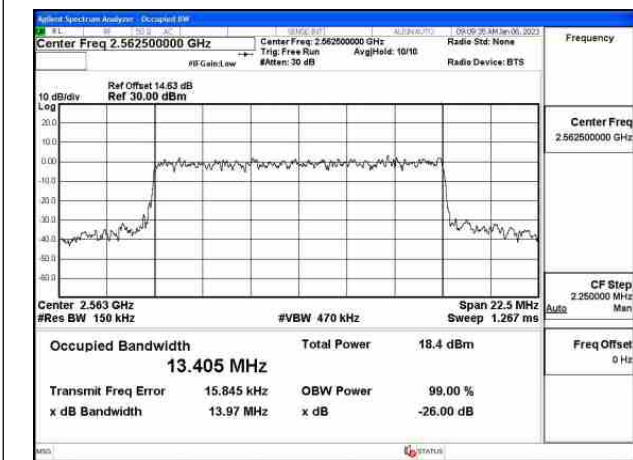


Fig.9

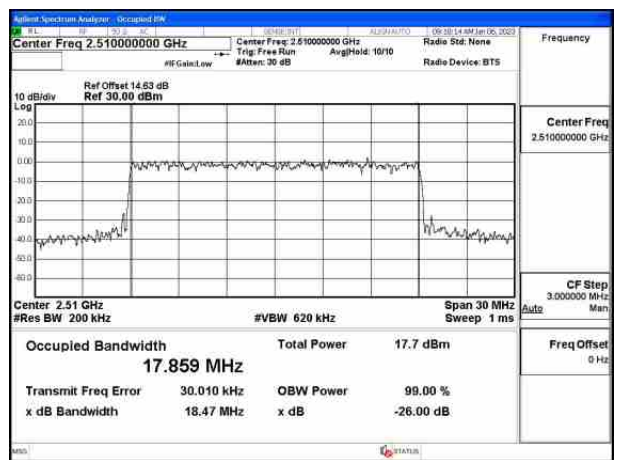


Fig.10

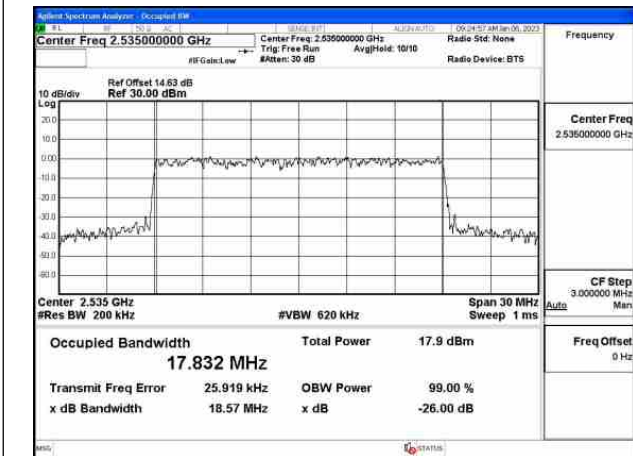


Fig.11

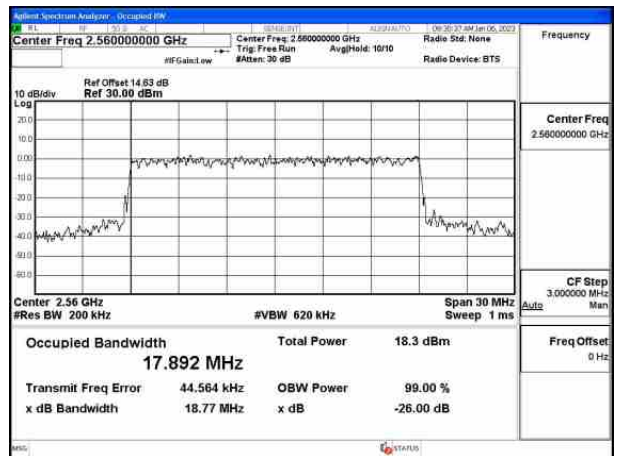


Fig.12

Test Mode: 16QAM

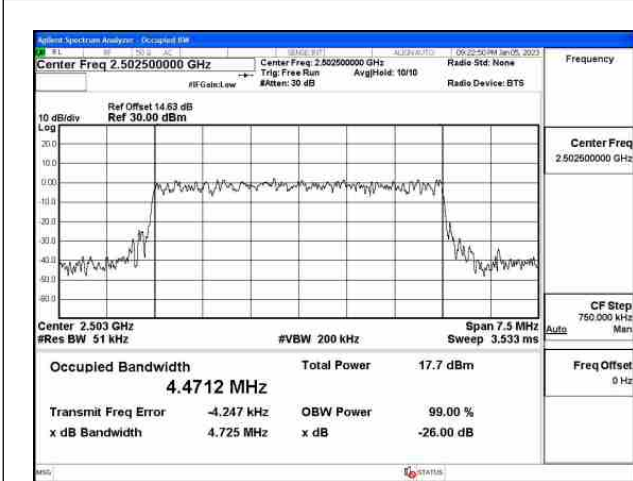


Fig.13

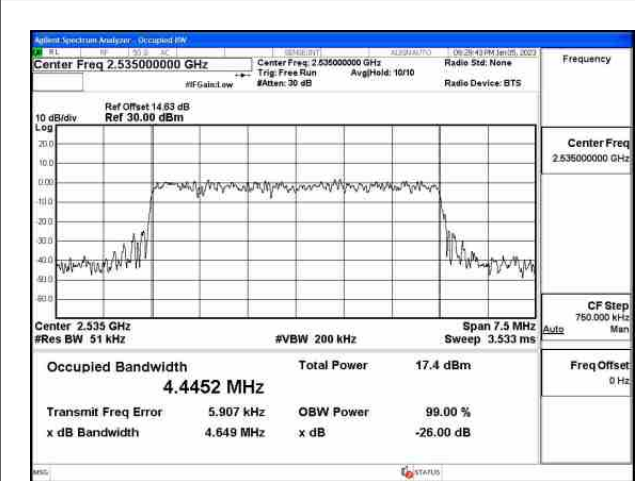


Fig.14

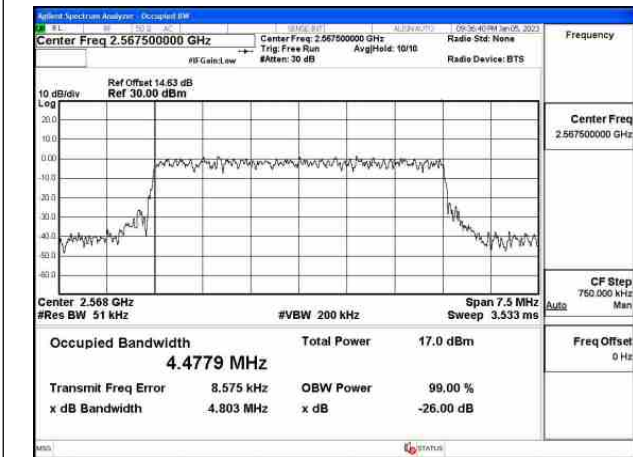


Fig.15

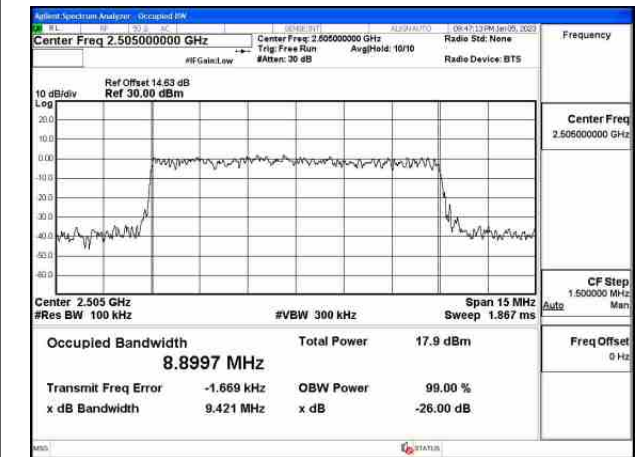


Fig.16

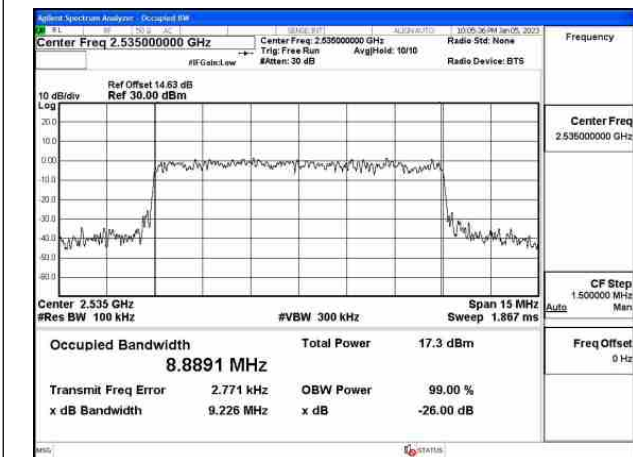


Fig.17

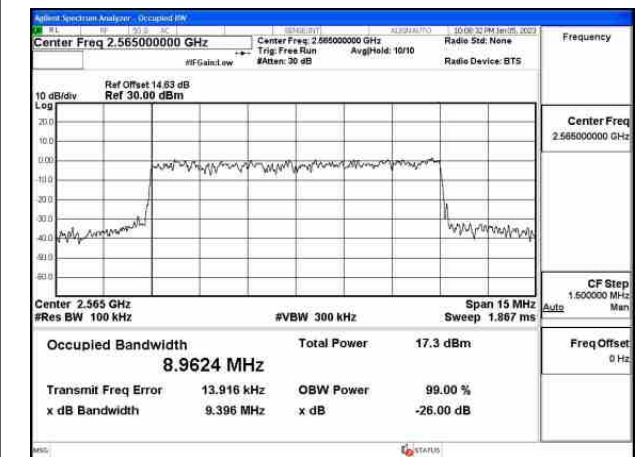


Fig.18

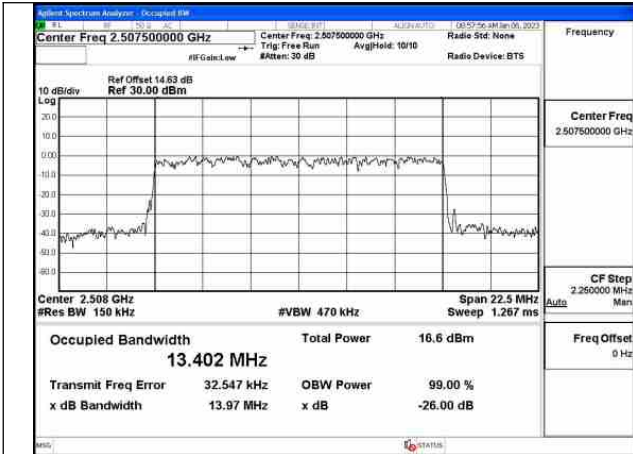


Fig.19

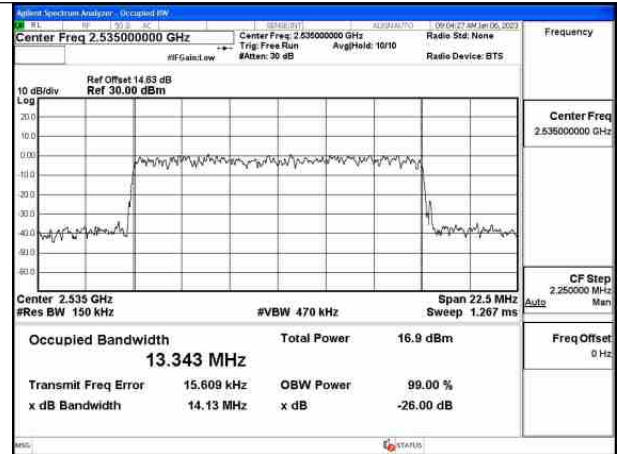


Fig.20

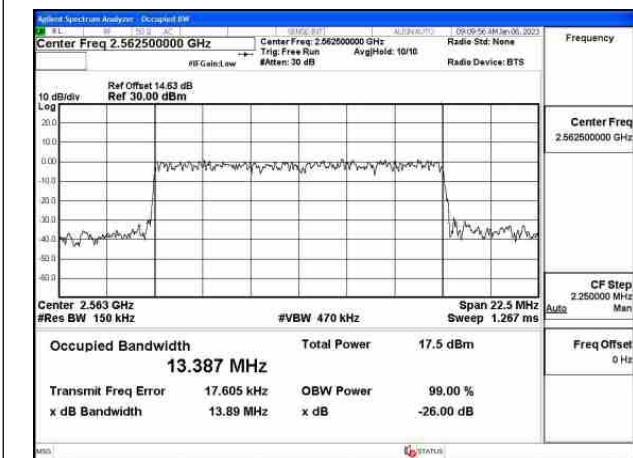


Fig.21

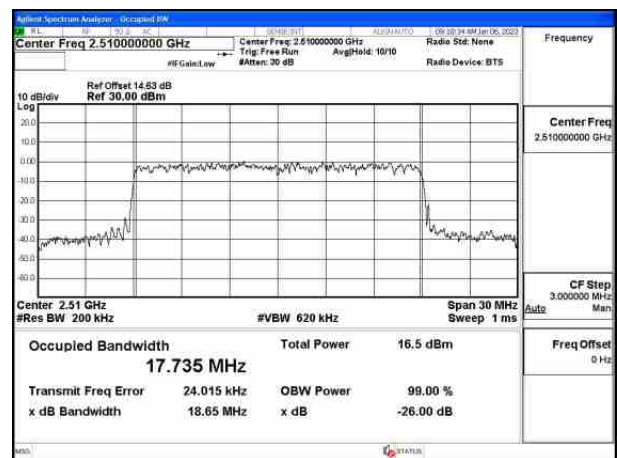


Fig.22

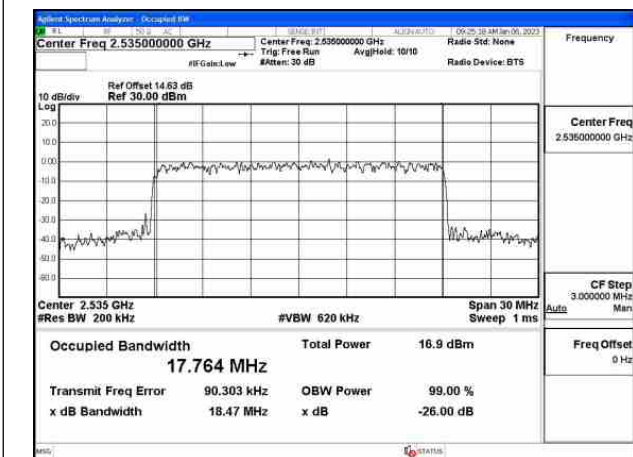


Fig.23

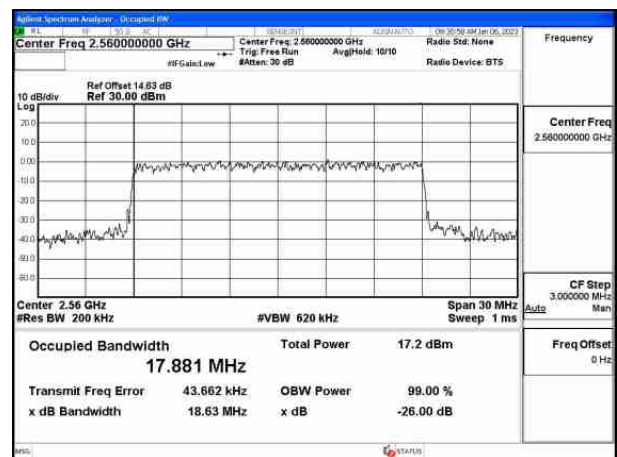


Fig.24



Test Mode: 64QAM

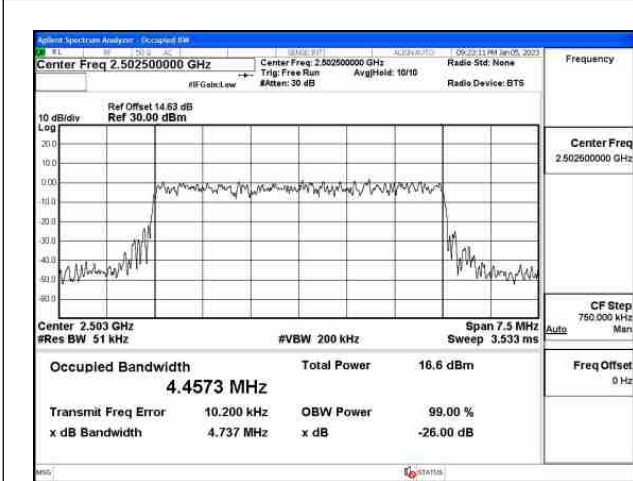


Fig.25

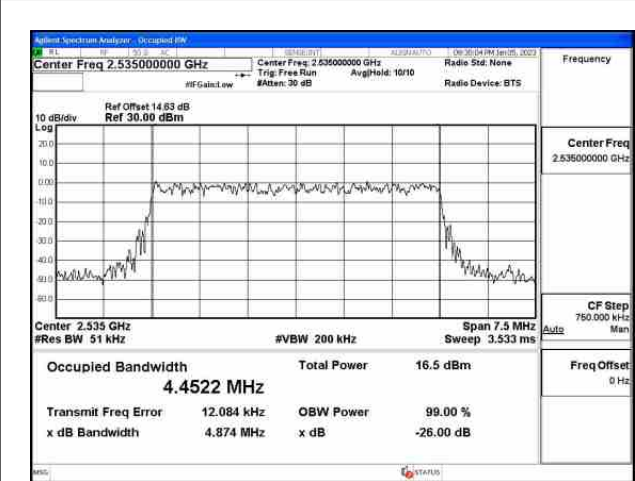


Fig.26

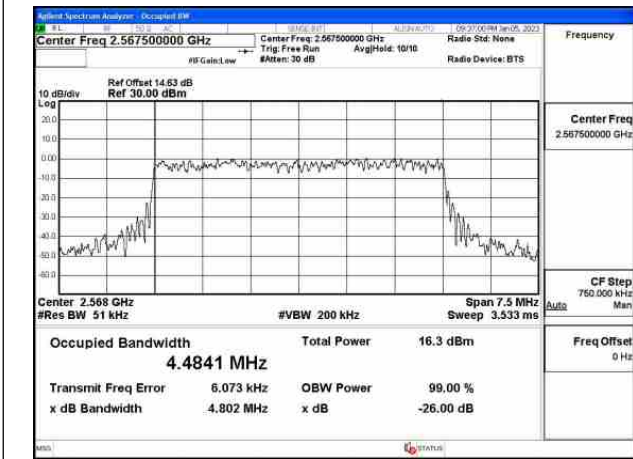


Fig.27

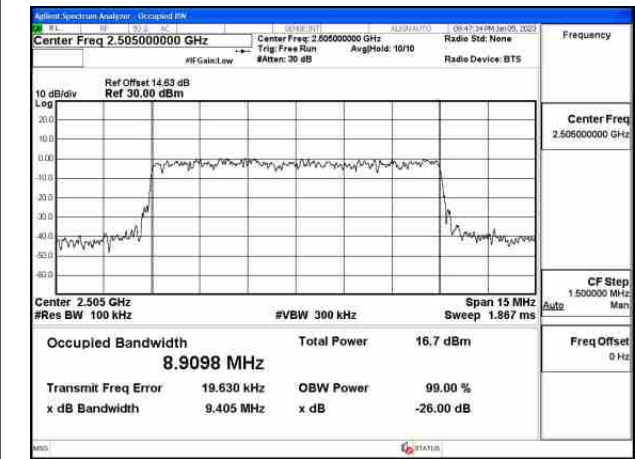


Fig.28

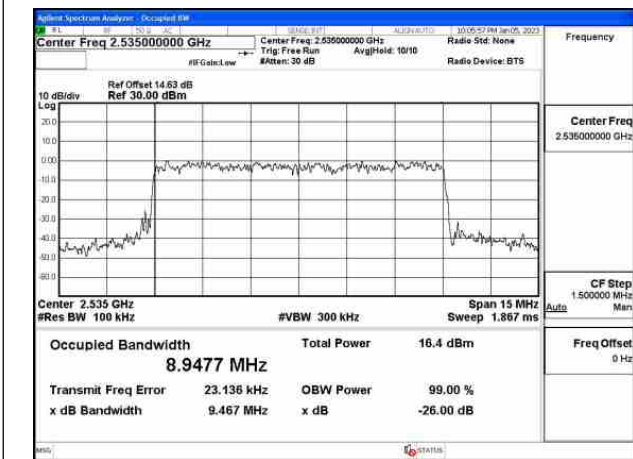


Fig.29

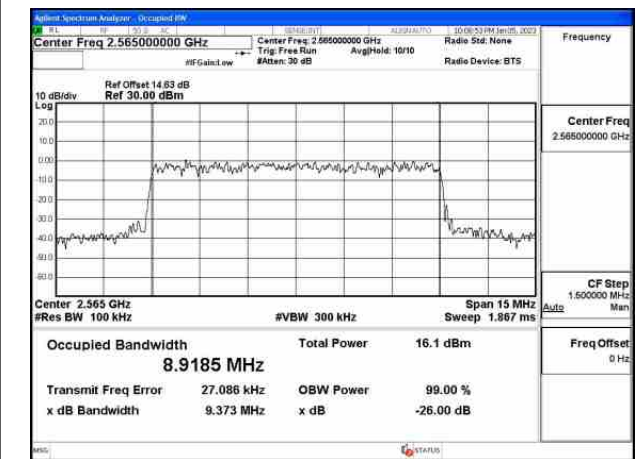


Fig.30

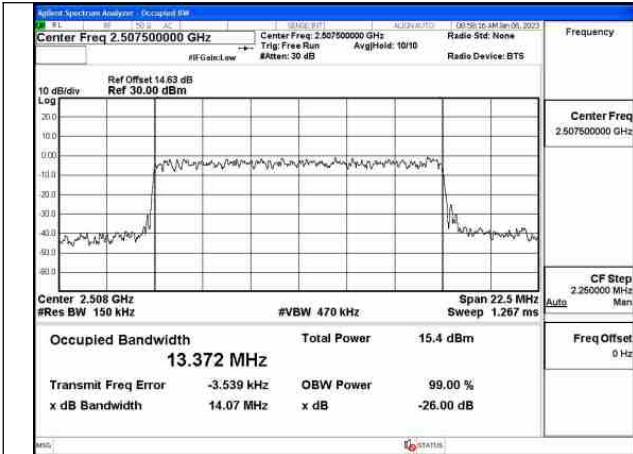


Fig.31

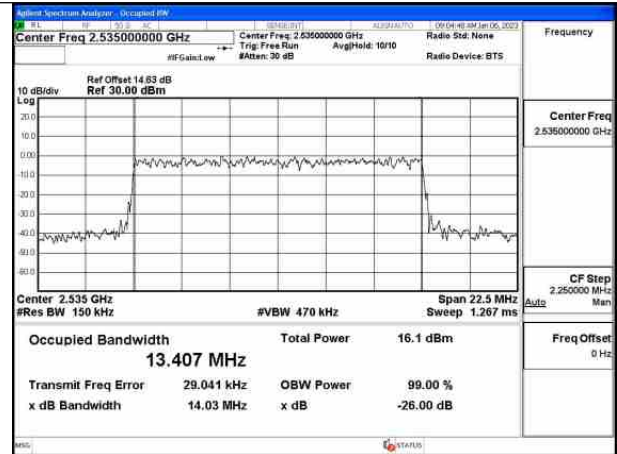


Fig.32

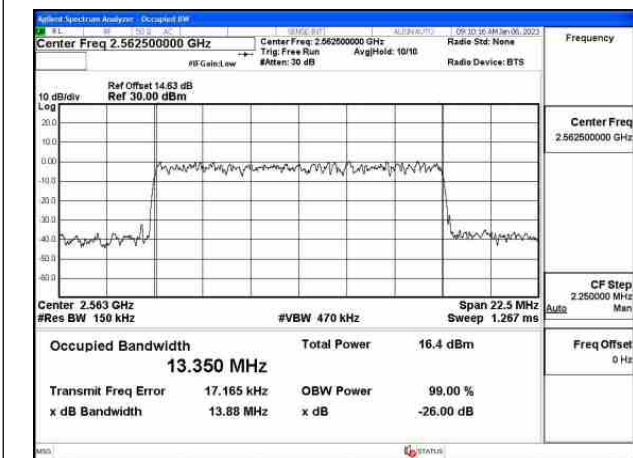


Fig.33

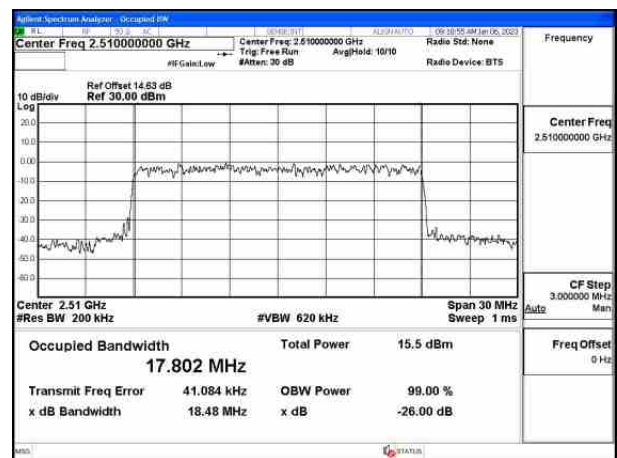


Fig.34

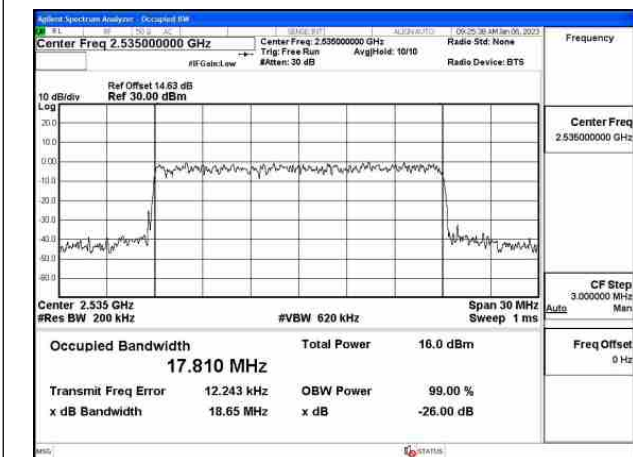


Fig.35

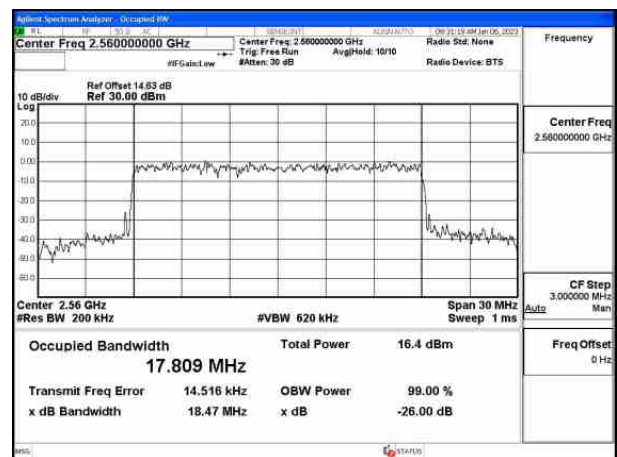


Fig.36

#### 4 Peak-Average Ratio

| Band | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | QPSK   | 16-QAM | 64-QAM |
|------|-------------------------|---------|----------|---------|-----------|--------|--------|--------|
| 7    | 2502.5                  | 20775   | 5        | 1       | 24        | Fig.1  | Fig.2  | Fig.3  |
| 7    | 2502.5                  | 20775   | 5        | 25      | 0         | Fig.4  | Fig.5  | Fig.6  |
| 7    | 2535                    | 21100   | 5        | 1       | 24        | Fig.7  | Fig.8  | Fig.9  |
| 7    | 2535                    | 21100   | 5        | 25      | 0         | Fig.10 | Fig.11 | Fig.12 |
| 7    | 2567.5                  | 21425   | 5        | 1       | 24        | Fig.13 | Fig.14 | Fig.15 |
| 7    | 2567.5                  | 21425   | 5        | 25      | 0         | Fig.16 | Fig.17 | Fig.18 |
| 7    | 2505                    | 20800   | 10       | 1       | 49        | Fig.19 | Fig.20 | Fig.21 |
| 7    | 2505                    | 20800   | 10       | 50      | 0         | Fig.22 | Fig.23 | Fig.24 |
| 7    | 2535                    | 21100   | 10       | 1       | 49        | Fig.25 | Fig.26 | Fig.27 |
| 7    | 2535                    | 21100   | 10       | 50      | 0         | Fig.28 | Fig.29 | Fig.30 |
| 7    | 2565                    | 21400   | 10       | 1       | 49        | Fig.31 | Fig.32 | Fig.33 |
| 7    | 2565                    | 21400   | 10       | 50      | 0         | Fig.34 | Fig.35 | Fig.36 |
| 7    | 2507.5                  | 20825   | 15       | 1       | 74        | Fig.37 | Fig.38 | Fig.39 |
| 7    | 2507.5                  | 20825   | 15       | 75      | 0         | Fig.40 | Fig.41 | Fig.42 |
| 7    | 2535                    | 21100   | 15       | 1       | 74        | Fig.43 | Fig.44 | Fig.45 |
| 7    | 2535                    | 21100   | 15       | 75      | 0         | Fig.46 | Fig.47 | Fig.48 |
| 7    | 2562.5                  | 21375   | 15       | 1       | 74        | Fig.49 | Fig.50 | Fig.51 |
| 7    | 2562.5                  | 21375   | 15       | 75      | 0         | Fig.52 | Fig.53 | Fig.54 |
| 7    | 2510                    | 20850   | 20       | 1       | 99        | Fig.55 | Fig.56 | Fig.57 |
| 7    | 2510                    | 20850   | 20       | 100     | 0         | Fig.58 | Fig.59 | Fig.60 |
| 7    | 2535                    | 21100   | 20       | 1       | 99        | Fig.61 | Fig.62 | Fig.63 |
| 7    | 2535                    | 21100   | 20       | 100     | 0         | Fig.64 | Fig.65 | Fig.66 |
| 7    | 2560                    | 21350   | 20       | 1       | 99        | Fig.67 | Fig.68 | Fig.69 |
| 7    | 2560                    | 21350   | 20       | 100     | 0         | Fig.70 | Fig.71 | Fig.72 |

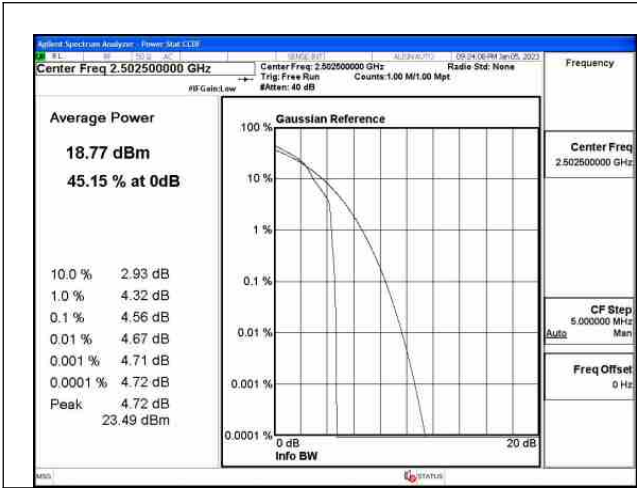


Fig.1

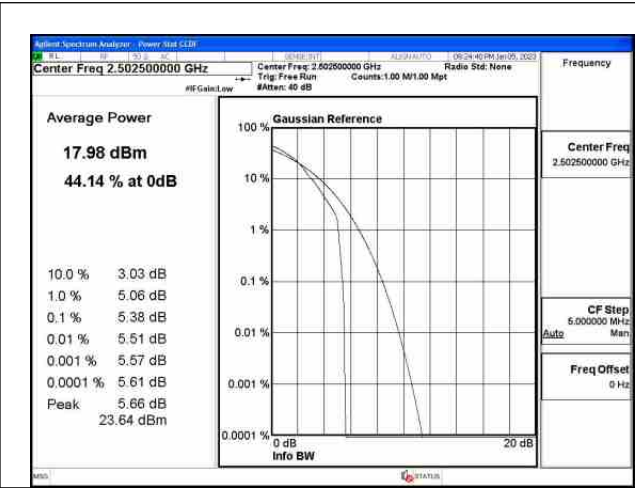


Fig.2

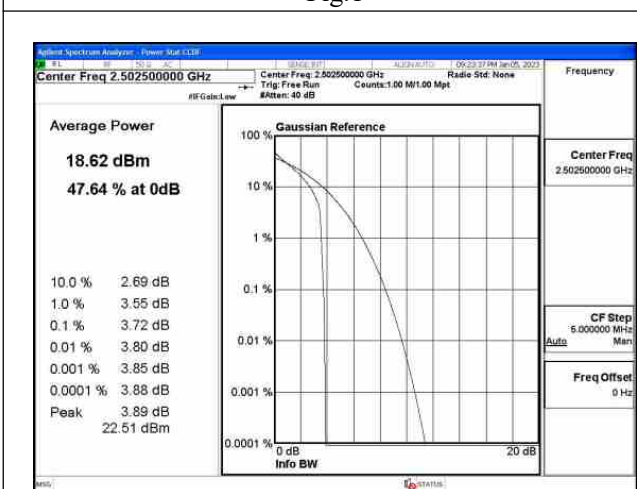


Fig.3

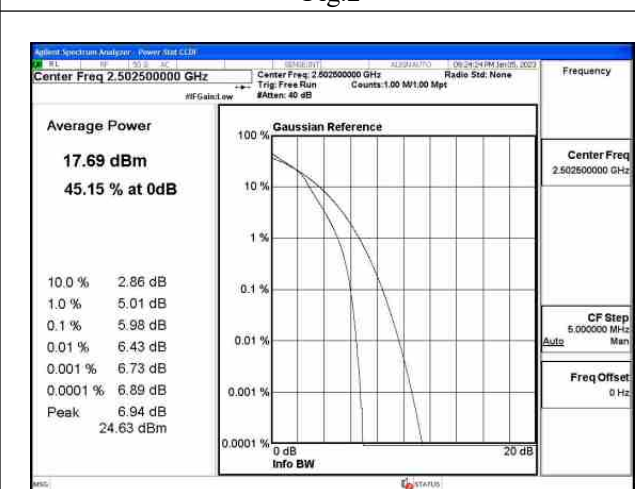


Fig.4

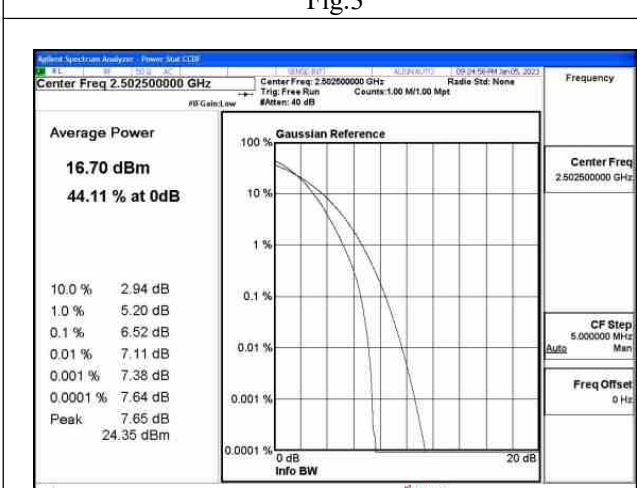


Fig.5

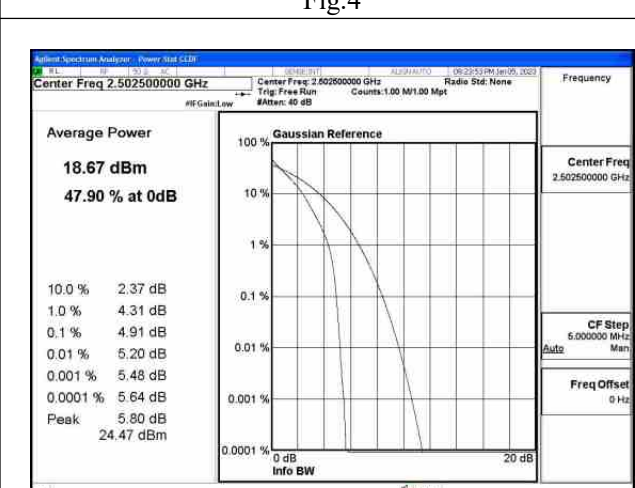


Fig.6

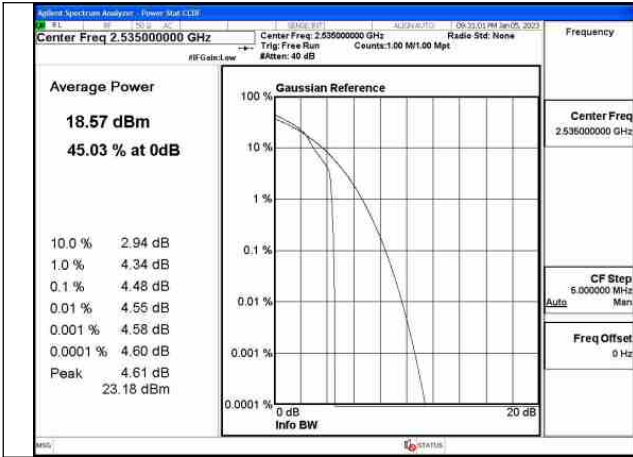


Fig.7

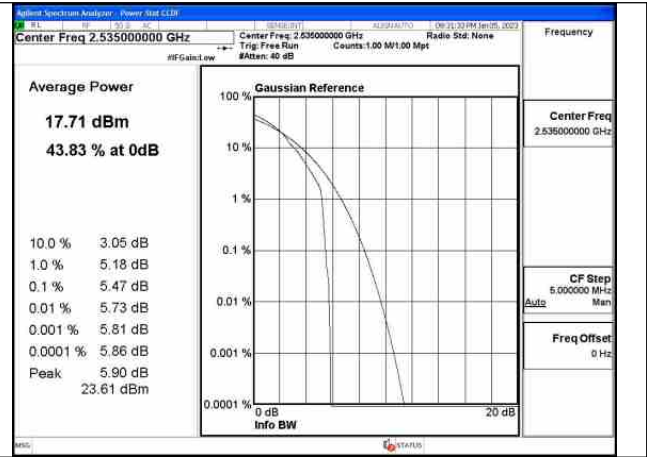


Fig.8

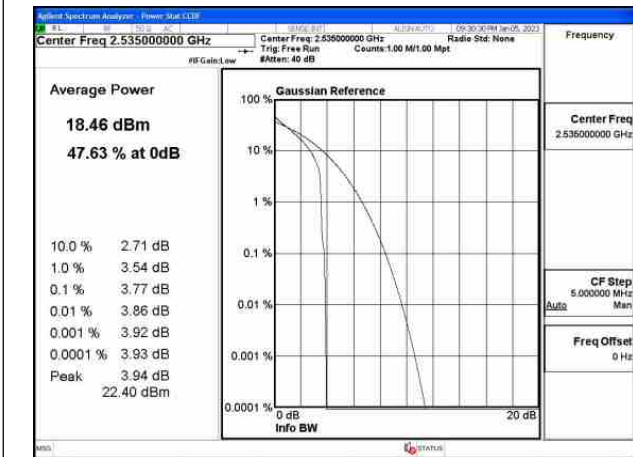


Fig.9

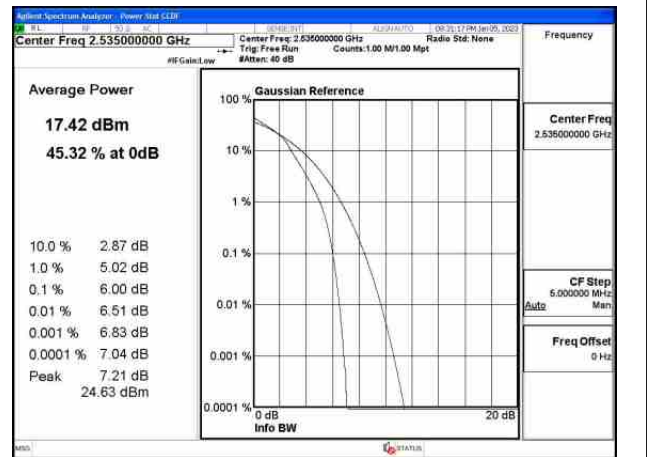


Fig.10

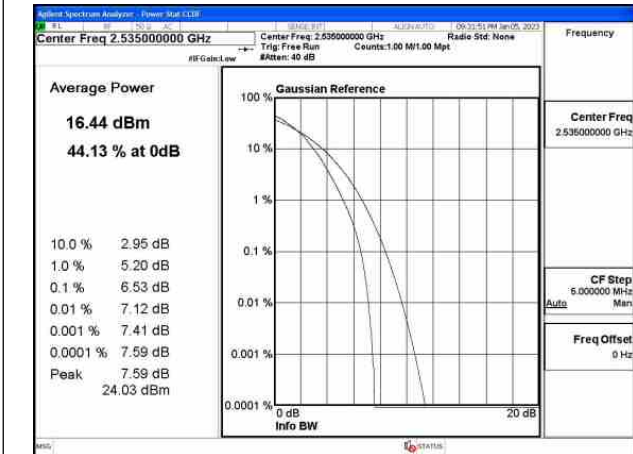


Fig.11

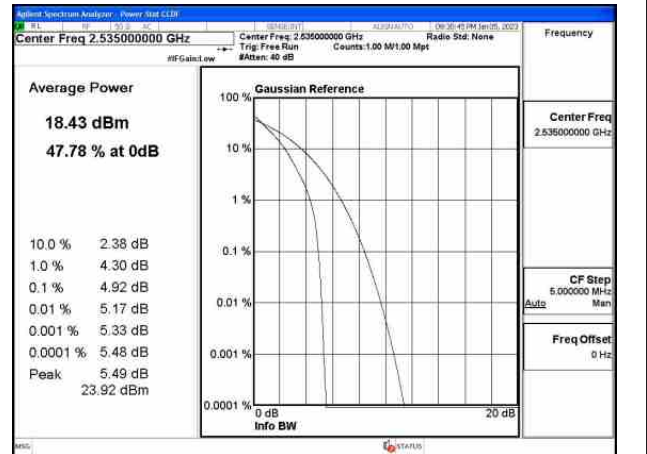


Fig.12

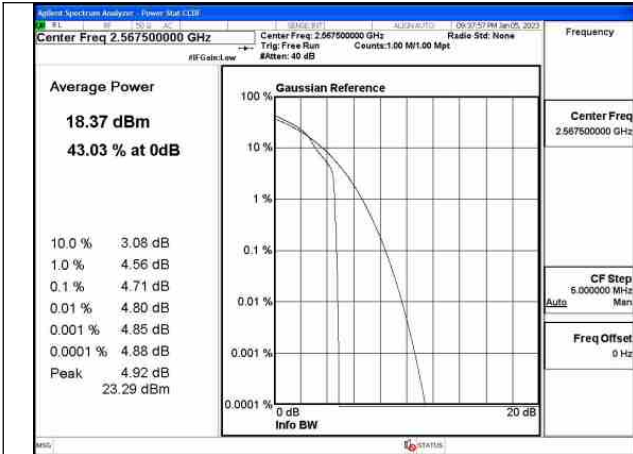


Fig.13

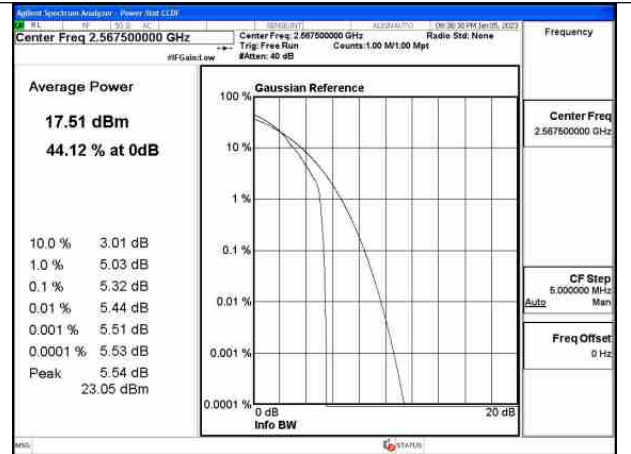


Fig.14

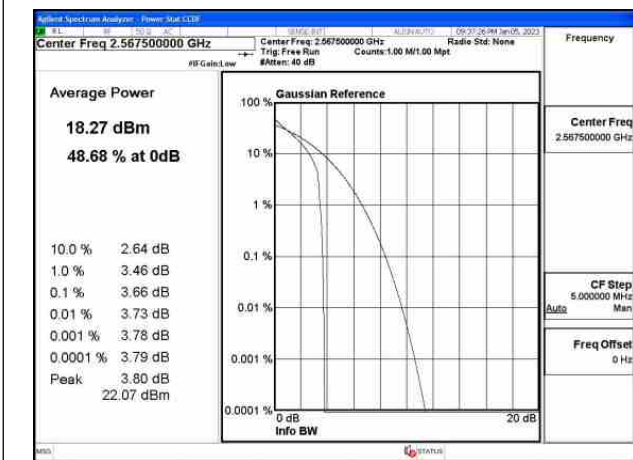


Fig.15

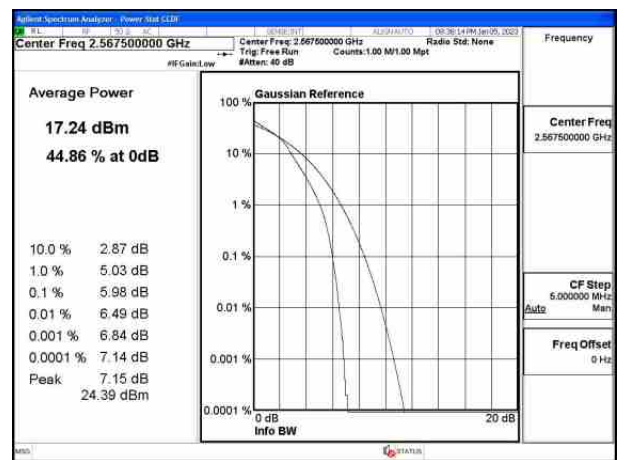


Fig.16

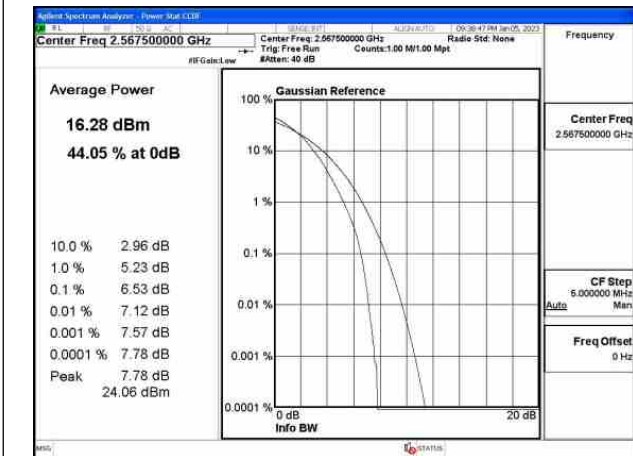


Fig.17

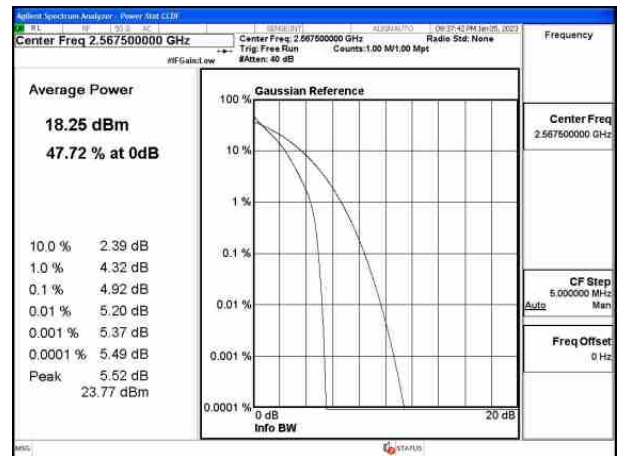


Fig.18

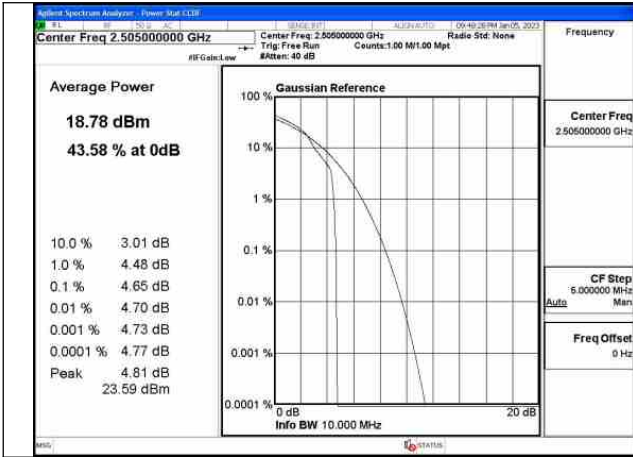


Fig.19

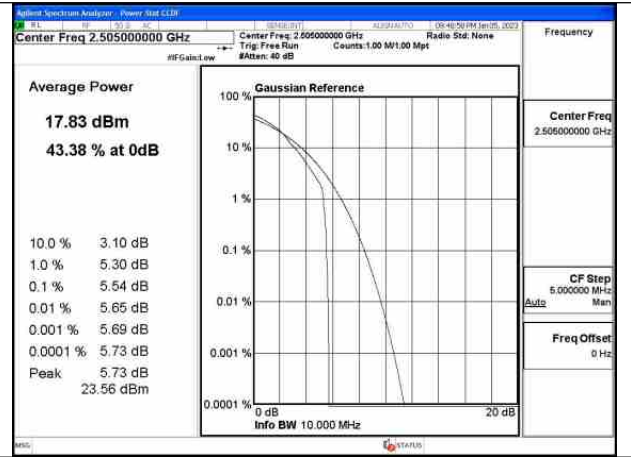


Fig.20

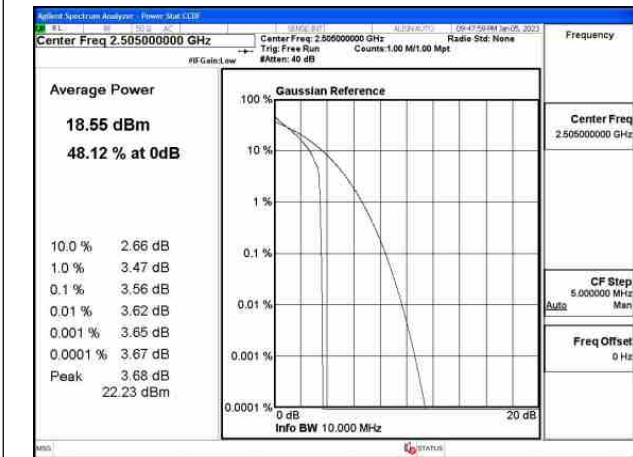


Fig.21

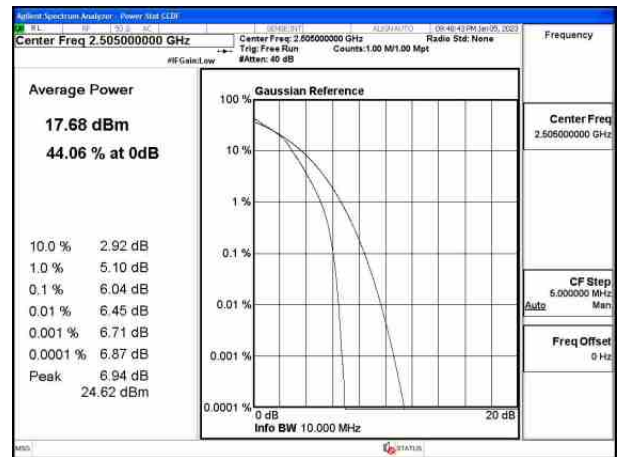


Fig.22

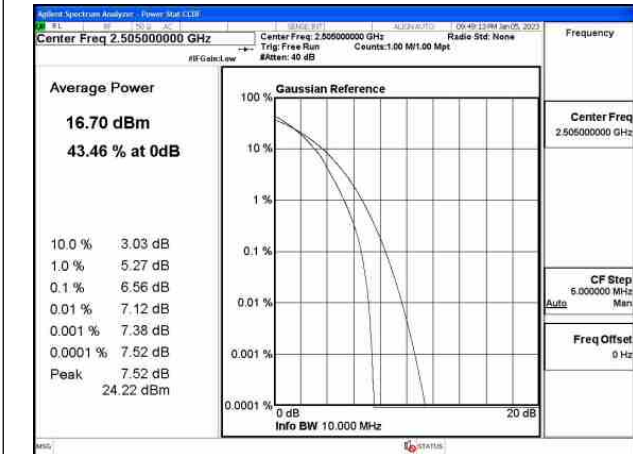


Fig.23

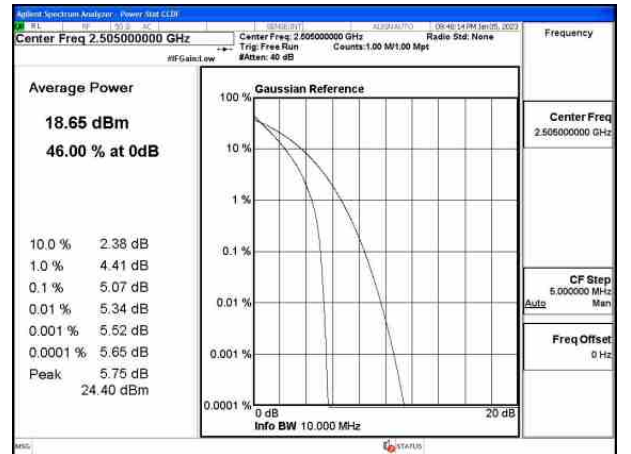


Fig.24

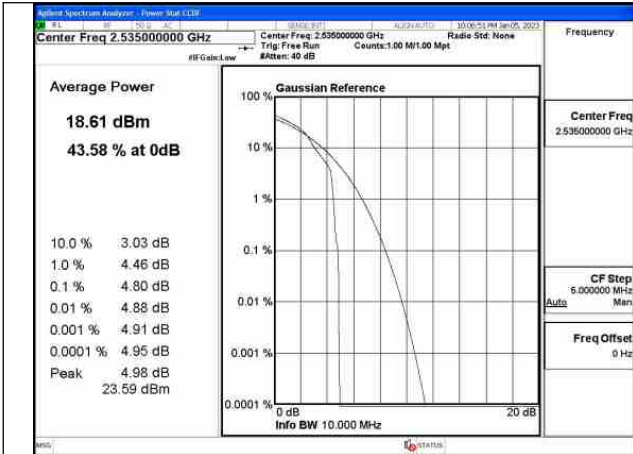


Fig.25

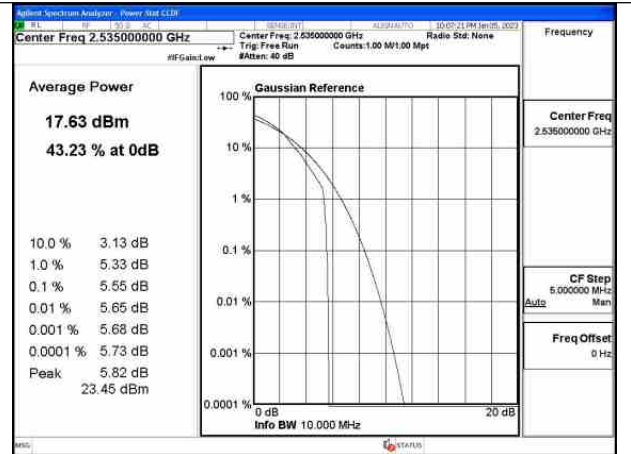


Fig.26

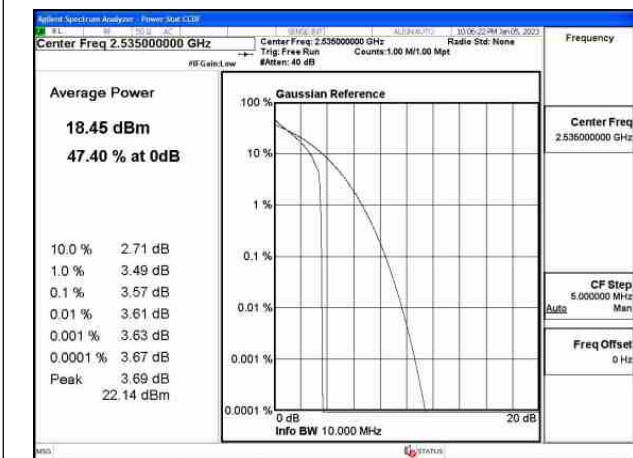


Fig.27

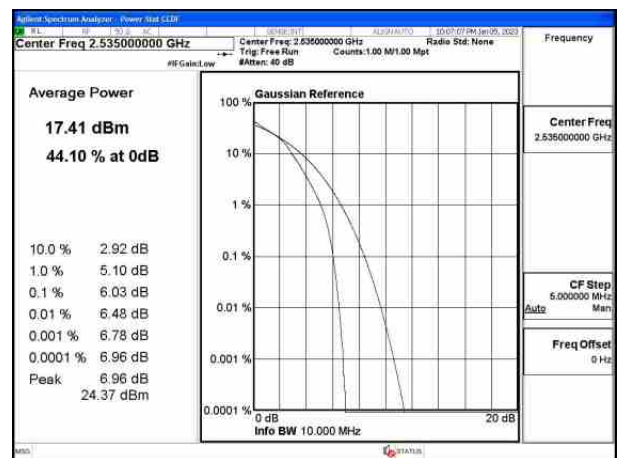


Fig.28

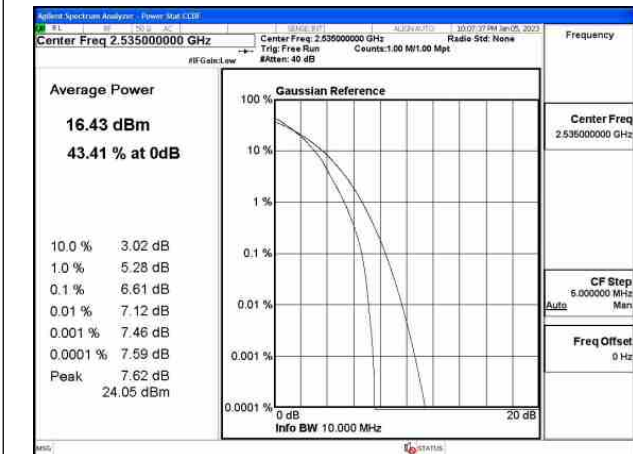


Fig.29

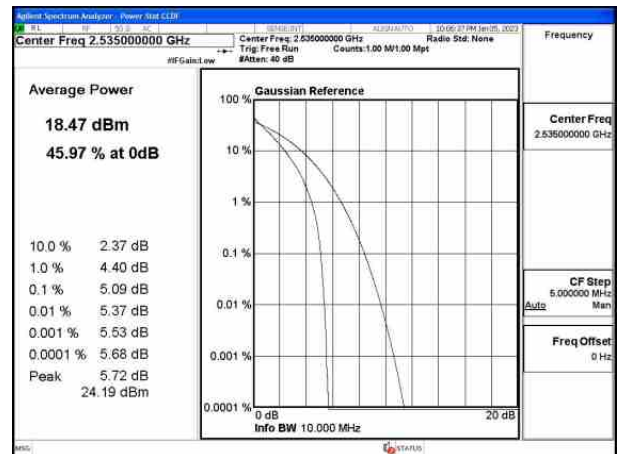


Fig.30



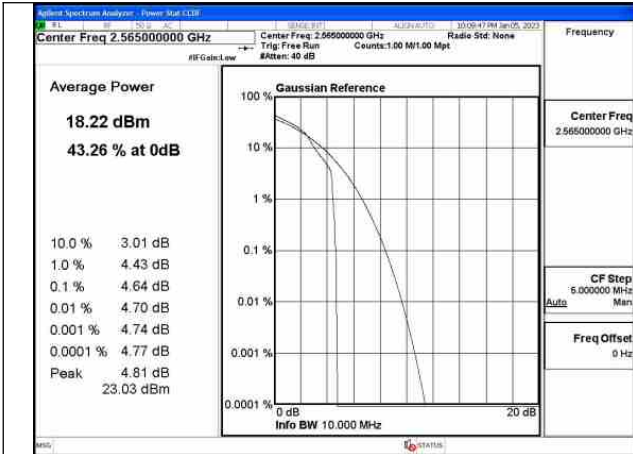


Fig.31

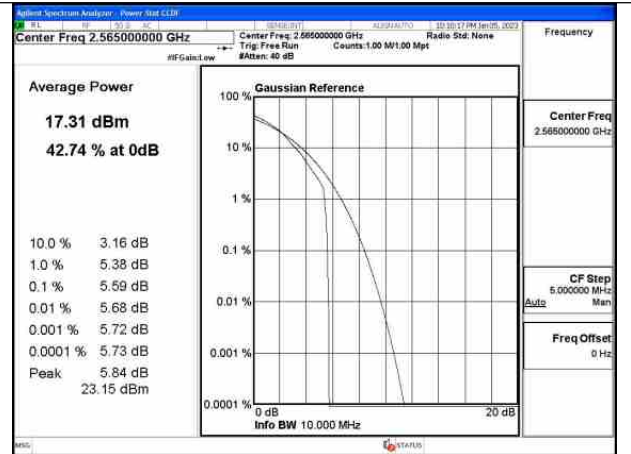


Fig.32

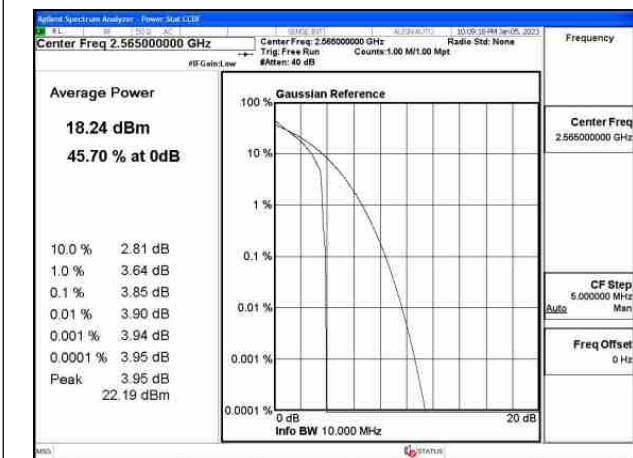


Fig.33

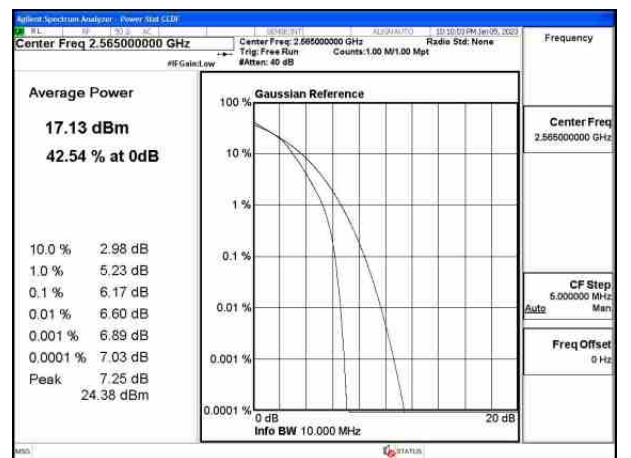


Fig.34

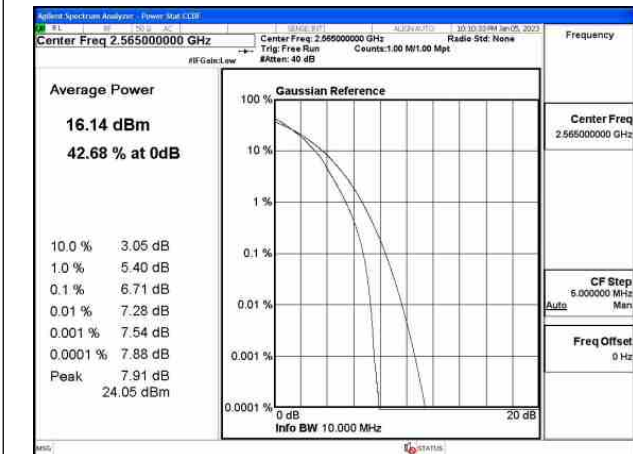


Fig.35

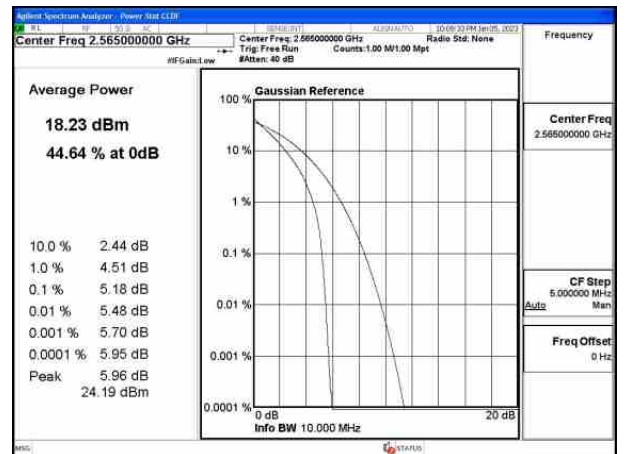


Fig.36

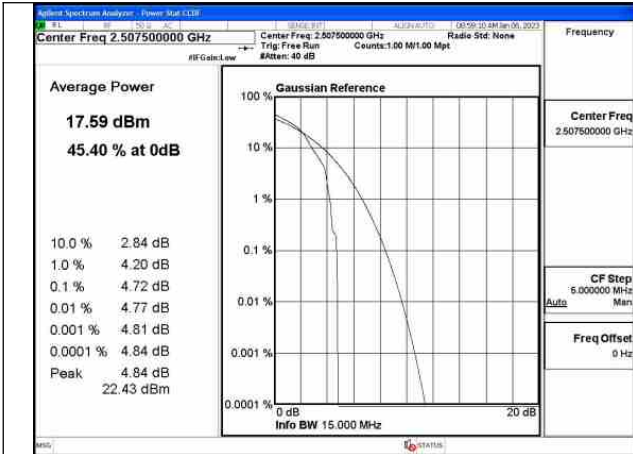


Fig.37

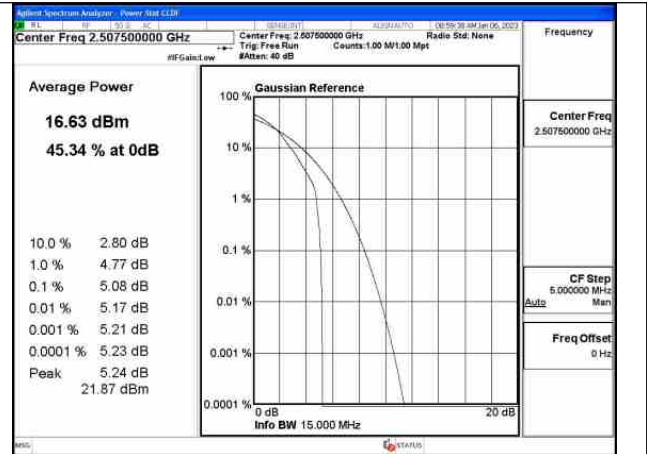


Fig.38

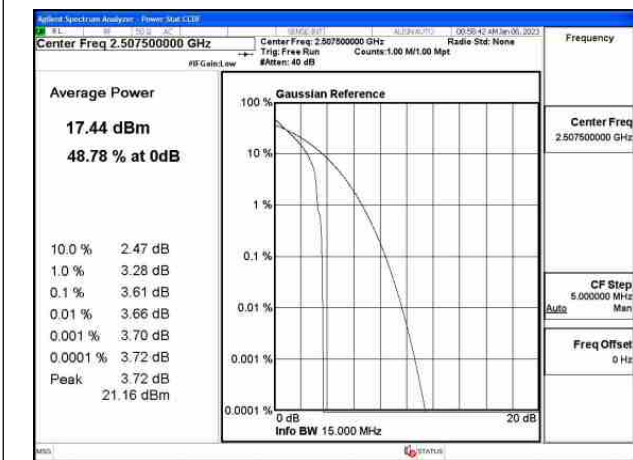


Fig.39

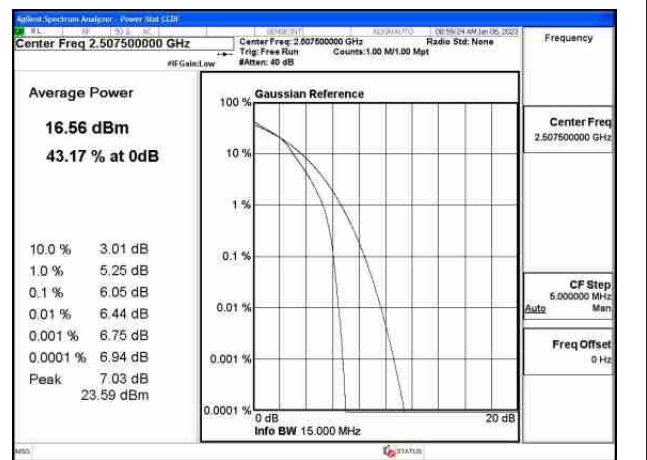


Fig.40

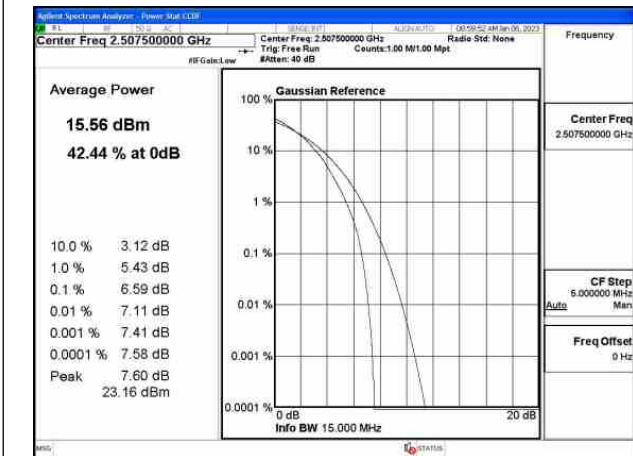


Fig.41

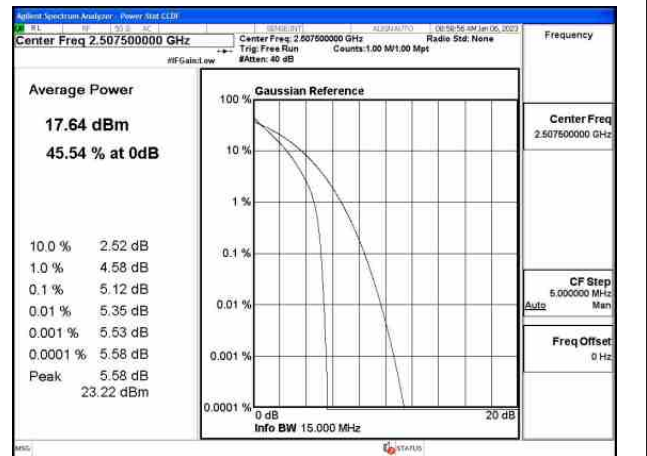


Fig.42

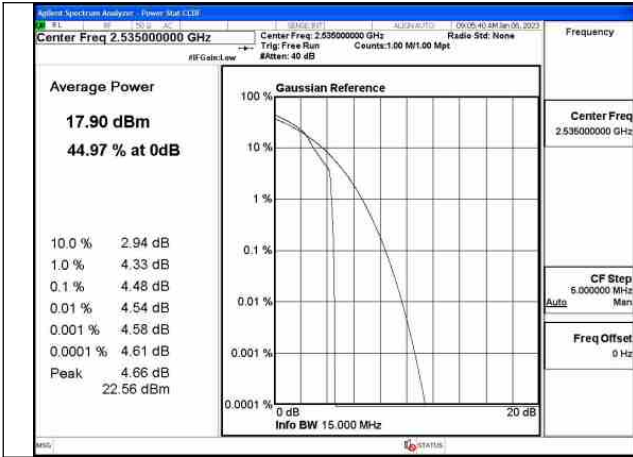


Fig.43

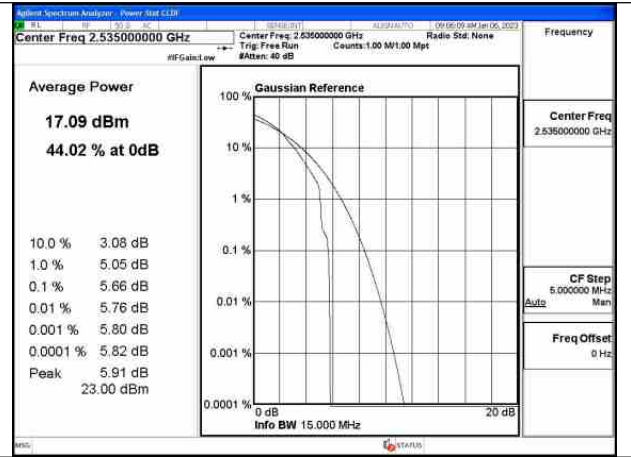


Fig.44

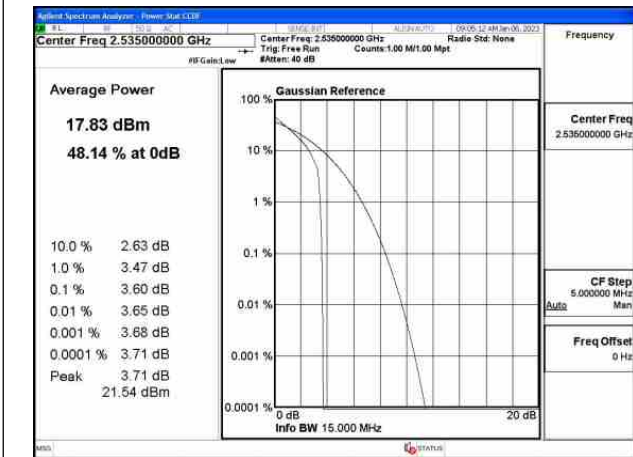


Fig.45

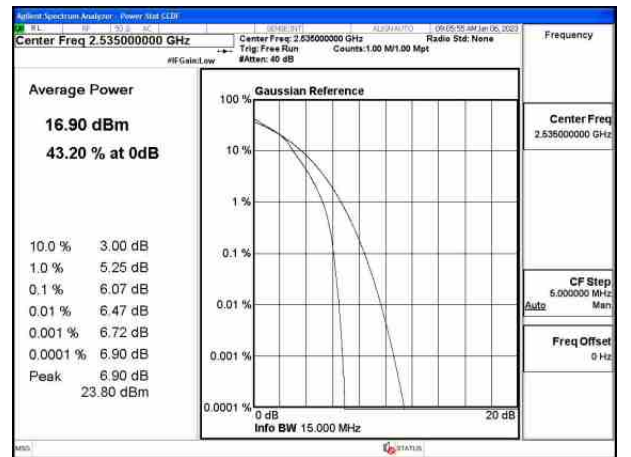


Fig.46

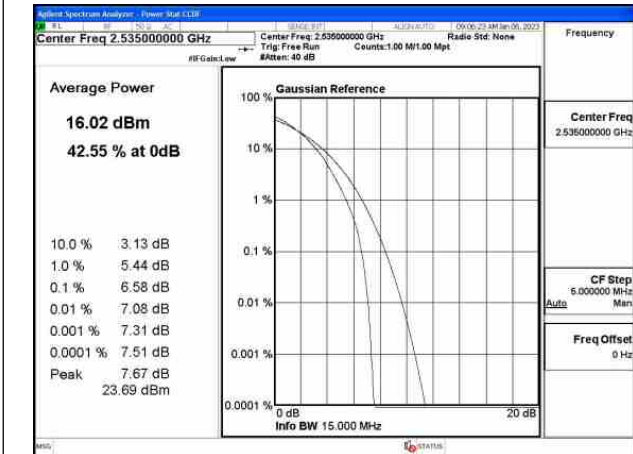


Fig.47

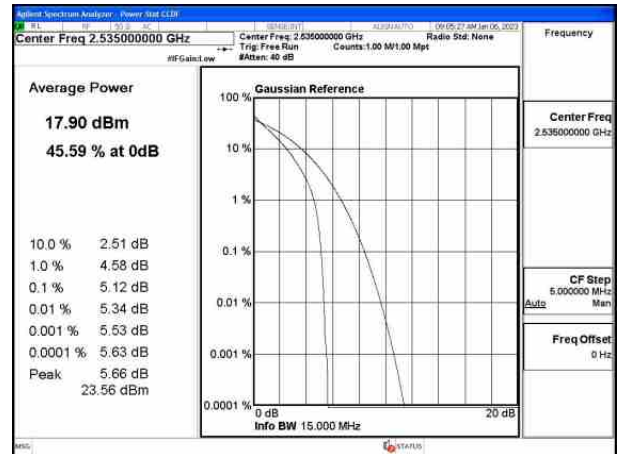


Fig.48

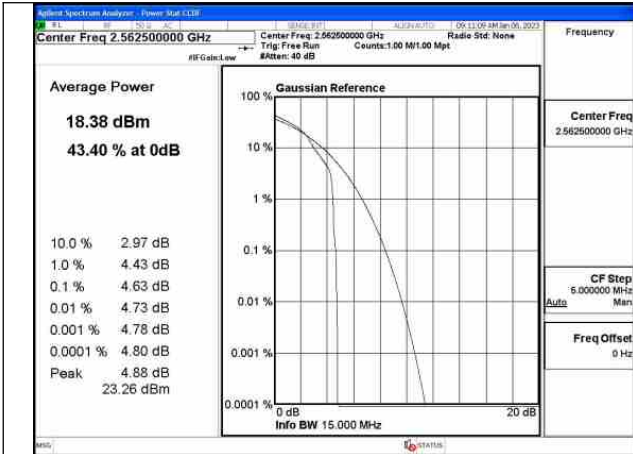


Fig.49

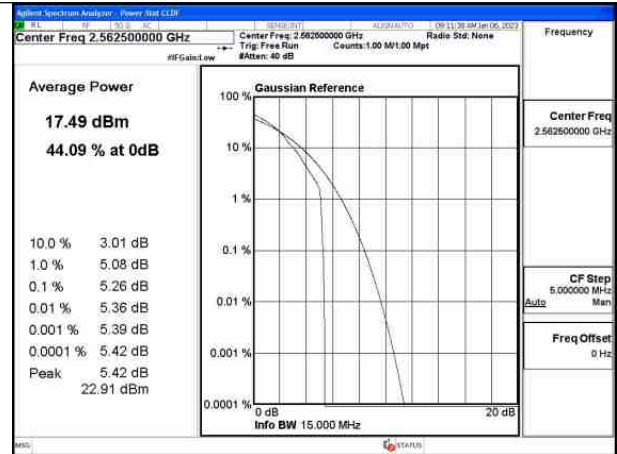


Fig.50

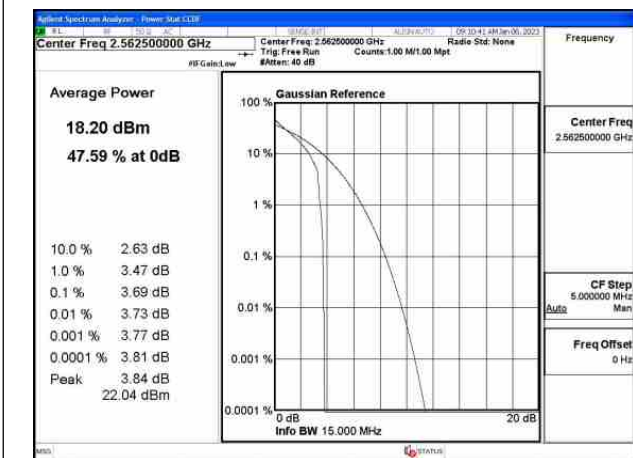


Fig.51

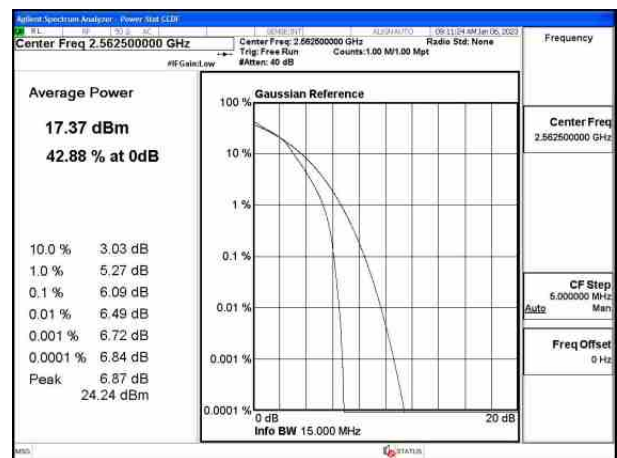


Fig.52

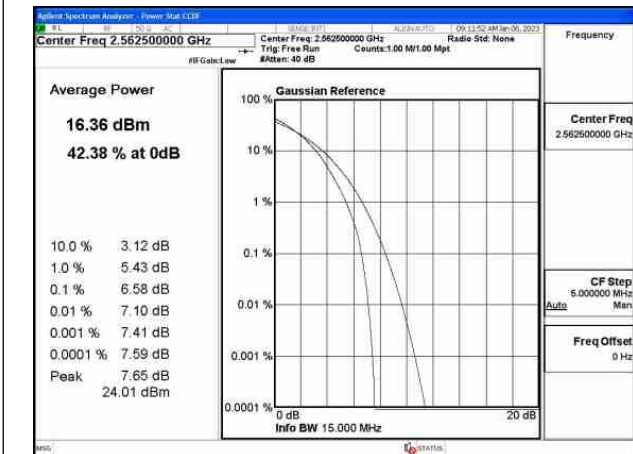


Fig.53

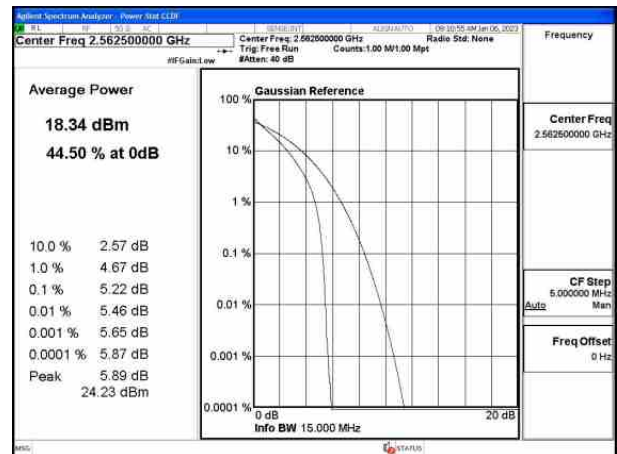


Fig.54

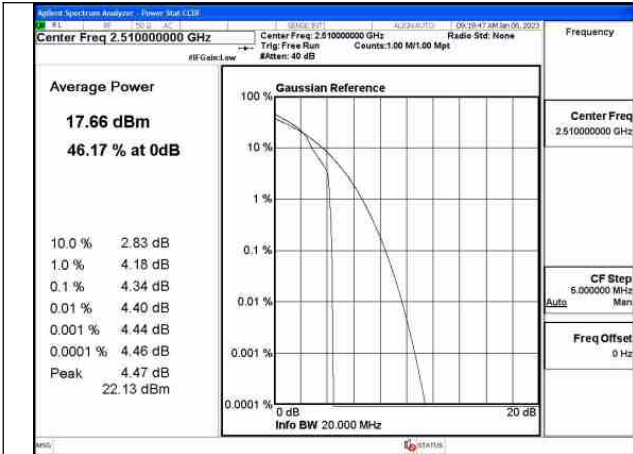


Fig.55

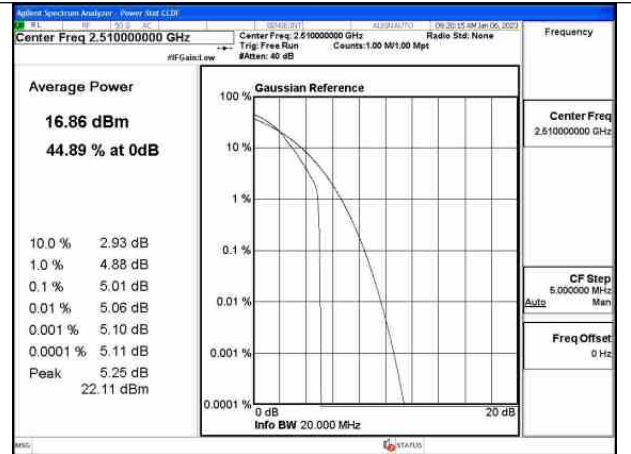


Fig.56

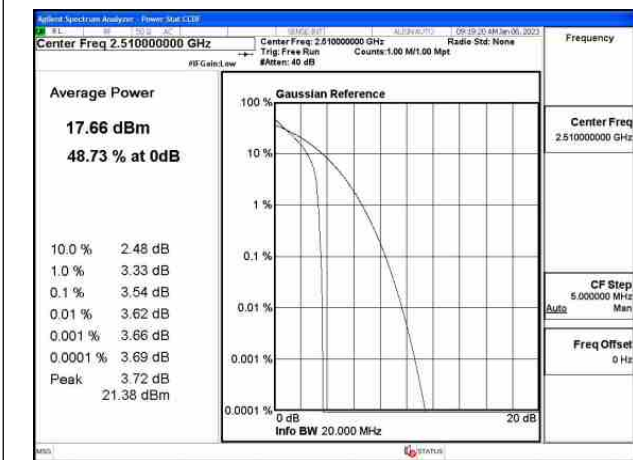


Fig.57

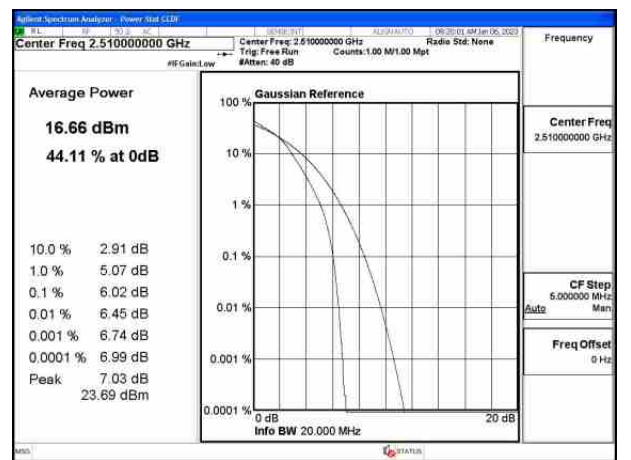


Fig.58

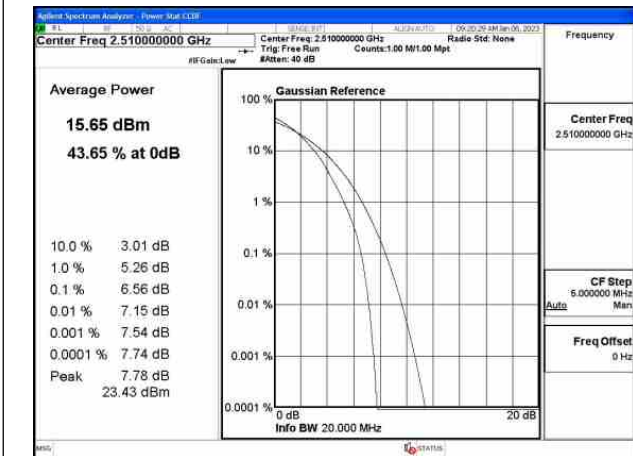


Fig.59

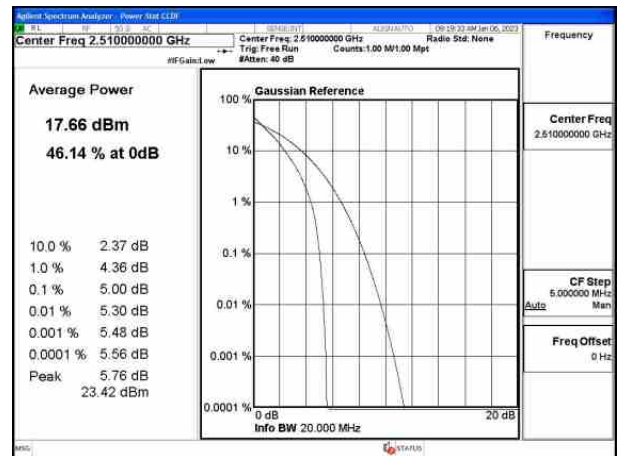


Fig.60

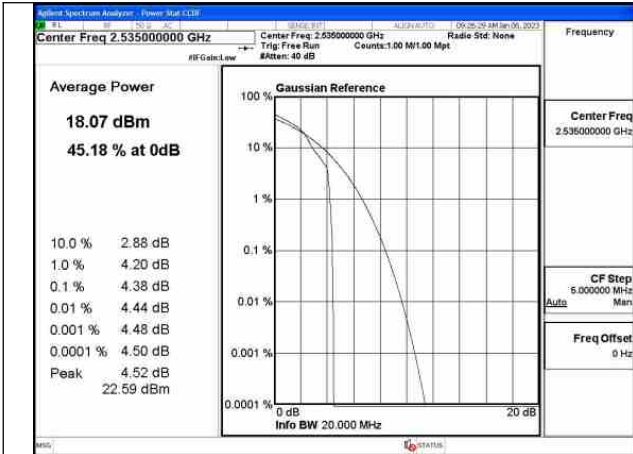


Fig.61

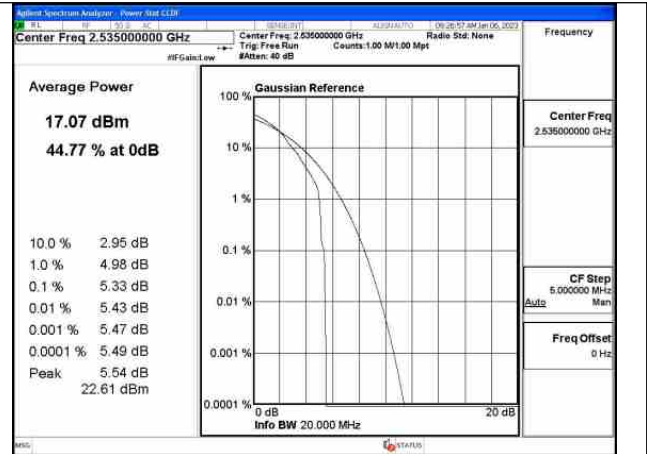


Fig.62

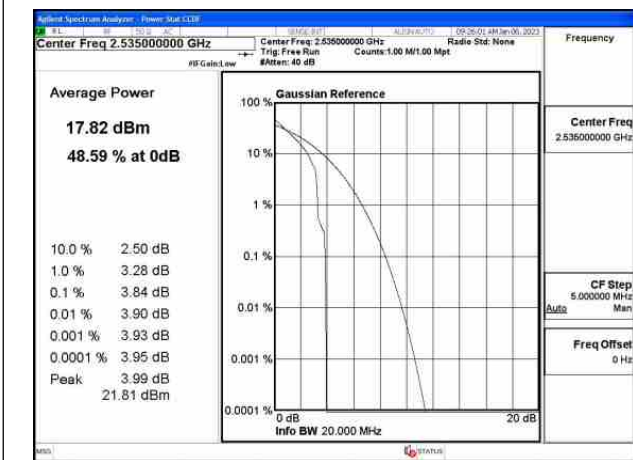


Fig.63

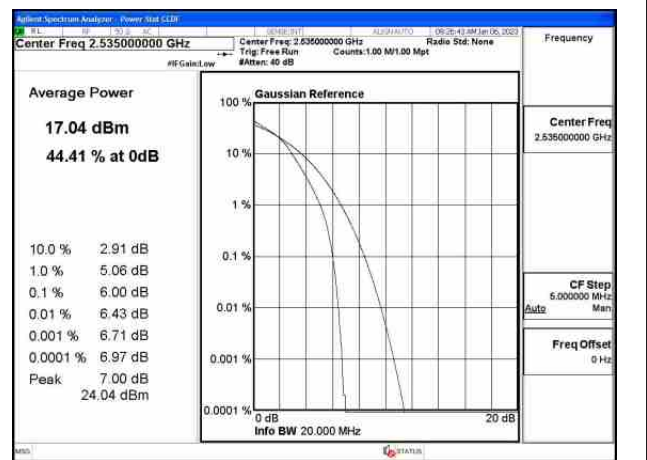


Fig.64

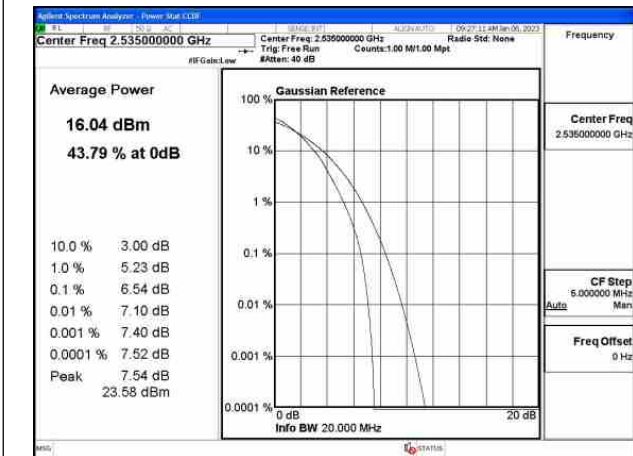


Fig.65

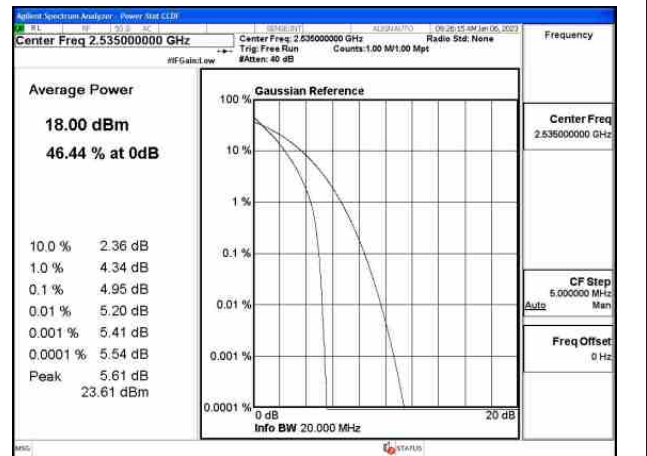


Fig.66

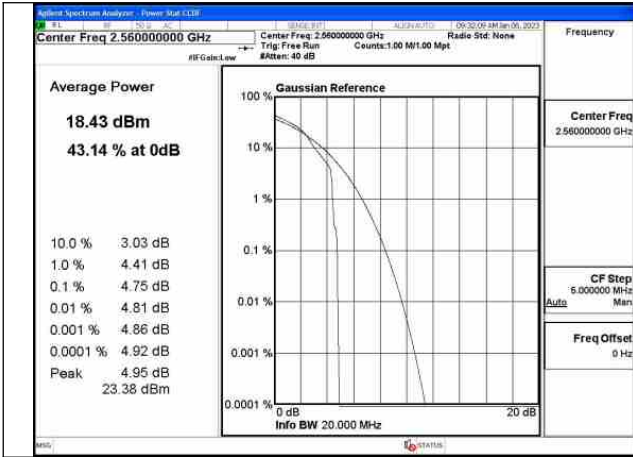


Fig.67

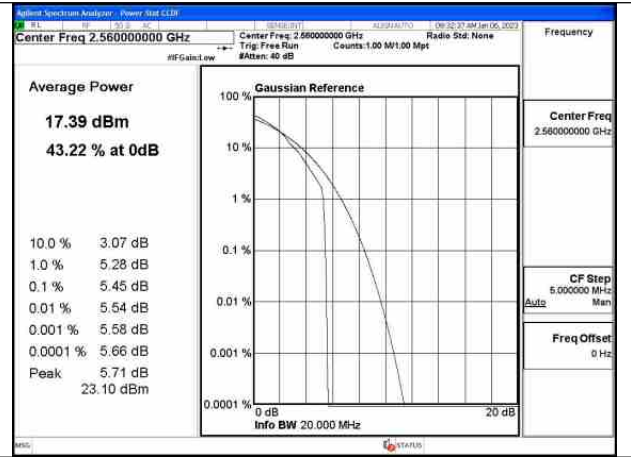


Fig.68

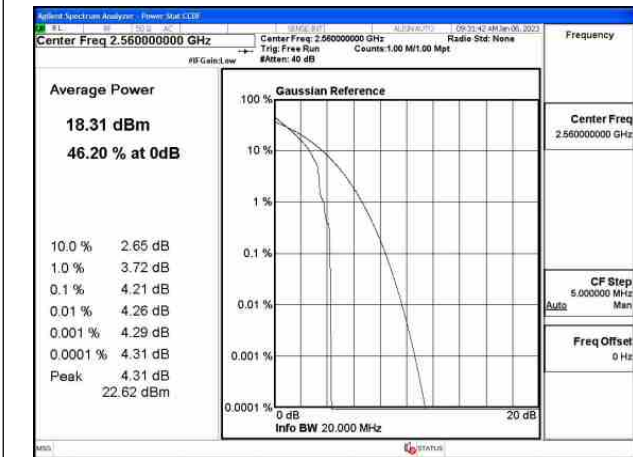


Fig.69

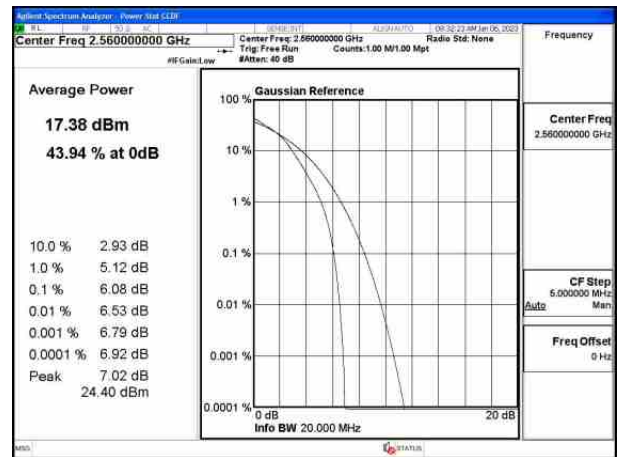


Fig.70

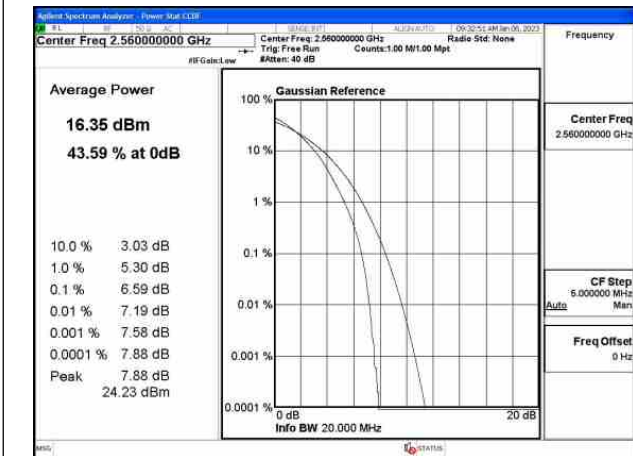


Fig.71

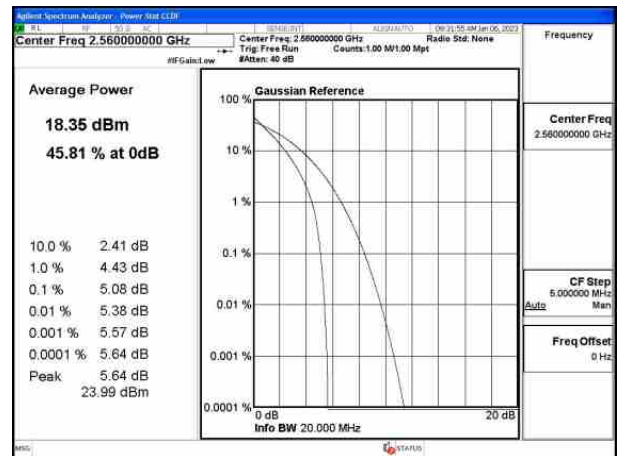


Fig.72

| Band | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | 256-QAM |
|------|-------------------------|---------|----------|---------|-----------|---------|
| 7    | 2502.5                  | 20775   | 5        | 1       | 24        | Fig.1   |
| 7    | 2502.5                  | 20775   | 5        | 25      | 0         | Fig.2   |
| 7    | 2535                    | 21100   | 5        | 1       | 24        | Fig.3   |
| 7    | 2535                    | 21100   | 5        | 25      | 0         | Fig.4   |
| 7    | 2567.5                  | 21425   | 5        | 1       | 24        | Fig.5   |
| 7    | 2567.5                  | 21425   | 5        | 25      | 0         | Fig.6   |
| 7    | 2505                    | 20800   | 10       | 1       | 49        | Fig.7   |
| 7    | 2505                    | 20800   | 10       | 50      | 0         | Fig.8   |
| 7    | 2535                    | 21100   | 10       | 1       | 49        | Fig.9   |
| 7    | 2535                    | 21100   | 10       | 50      | 0         | Fig.10  |
| 7    | 2565                    | 21400   | 10       | 1       | 49        | Fig.11  |
| 7    | 2565                    | 21400   | 10       | 50      | 0         | Fig.12  |
| 7    | 2507.5                  | 20825   | 15       | 1       | 74        | Fig.13  |
| 7    | 2507.5                  | 20825   | 15       | 75      | 0         | Fig.14  |
| 7    | 2535                    | 21100   | 15       | 1       | 74        | Fig.15  |
| 7    | 2535                    | 21100   | 15       | 75      | 0         | Fig.16  |
| 7    | 2562.5                  | 21375   | 15       | 1       | 74        | Fig.17  |
| 7    | 2562.5                  | 21375   | 15       | 75      | 0         | Fig.18  |
| 7    | 2510                    | 20850   | 20       | 1       | 99        | Fig.19  |
| 7    | 2510                    | 20850   | 20       | 100     | 0         | Fig.20  |
| 7    | 2535                    | 21100   | 20       | 1       | 99        | Fig.21  |
| 7    | 2535                    | 21100   | 20       | 100     | 0         | Fig.22  |
| 7    | 2560                    | 21350   | 20       | 1       | 99        | Fig.23  |
| 7    | 2560                    | 21350   | 20       | 100     | 0         | Fig.24  |



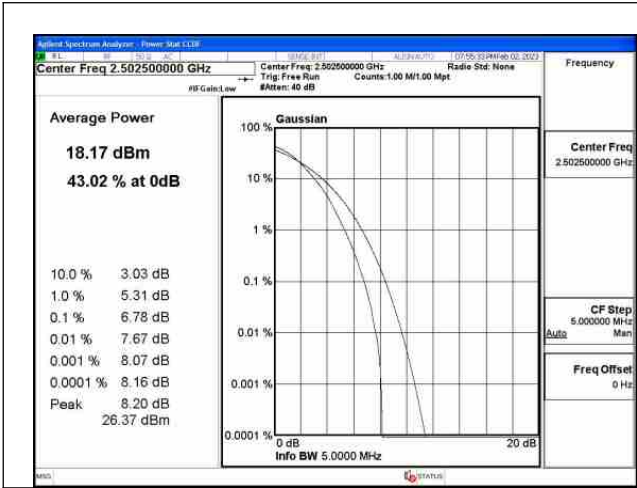


Fig.1

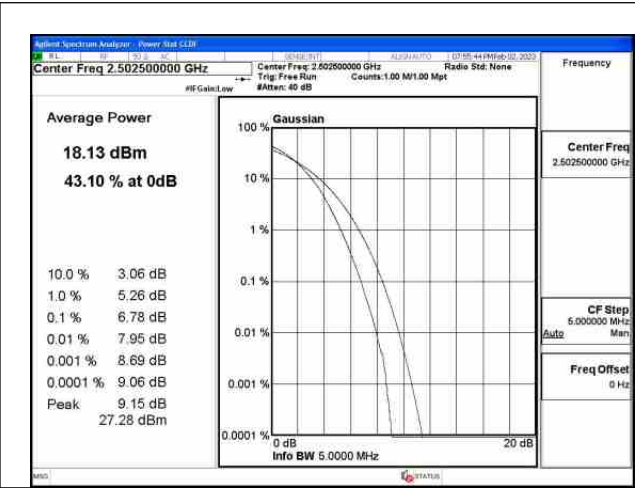


Fig.2

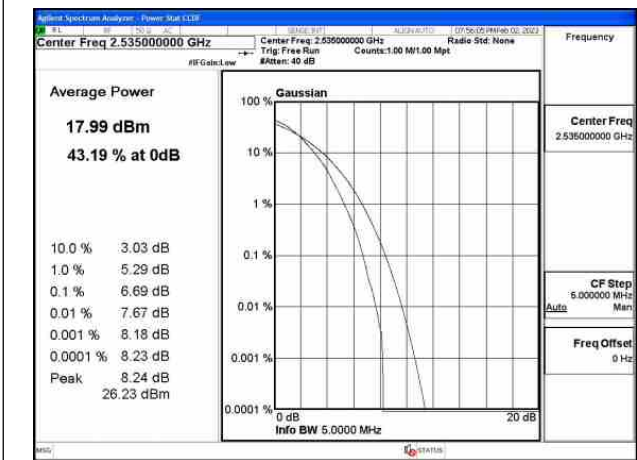


Fig.3

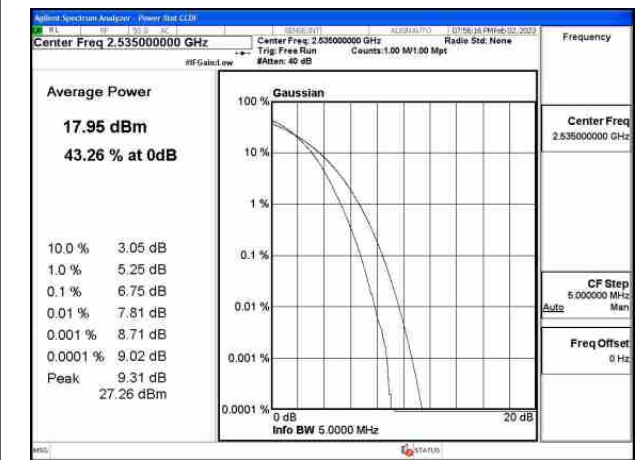


Fig.4

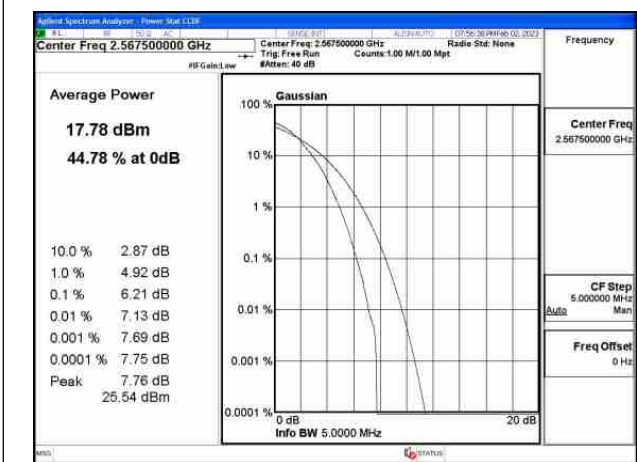


Fig.5

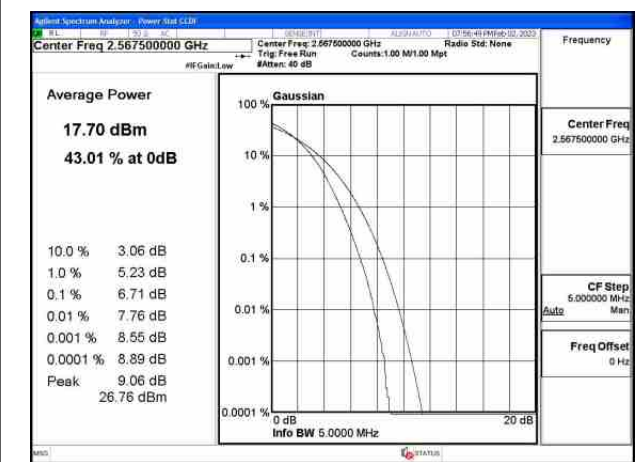


Fig.6

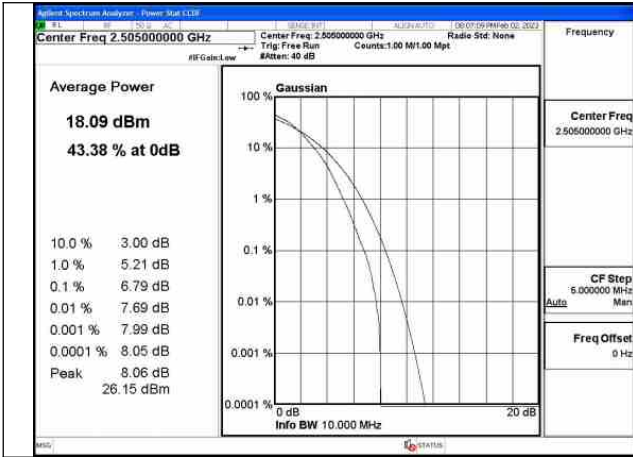


Fig.7

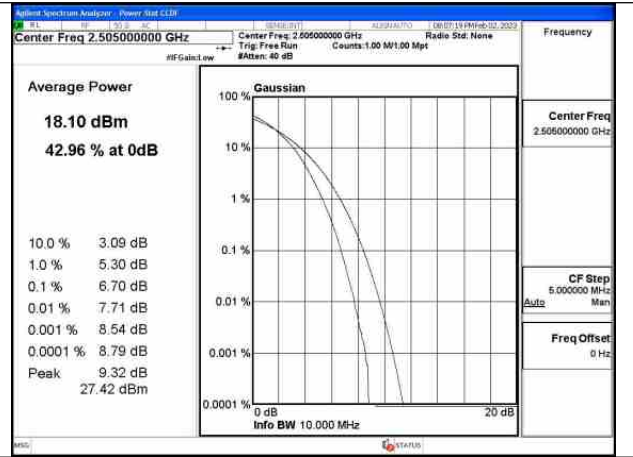


Fig.8

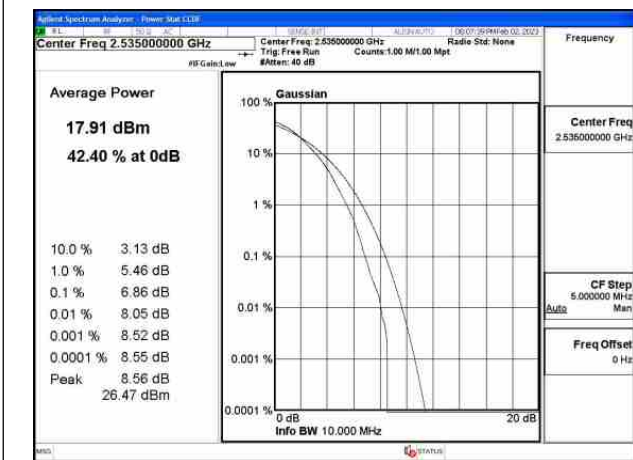


Fig.9

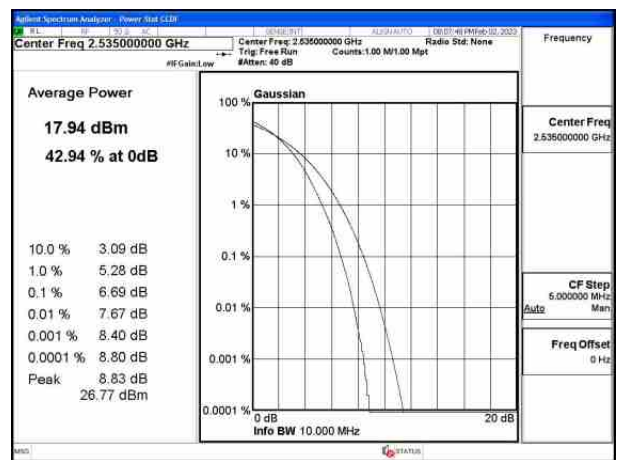


Fig.10

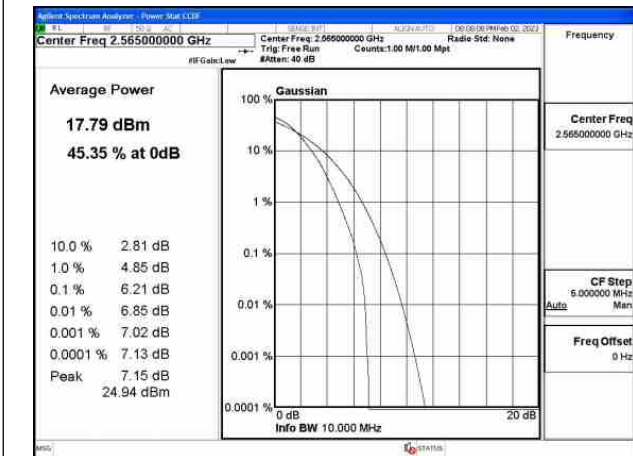


Fig.11

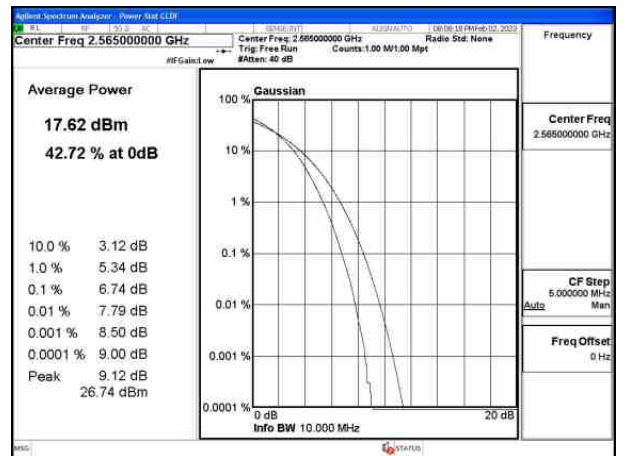


Fig.12

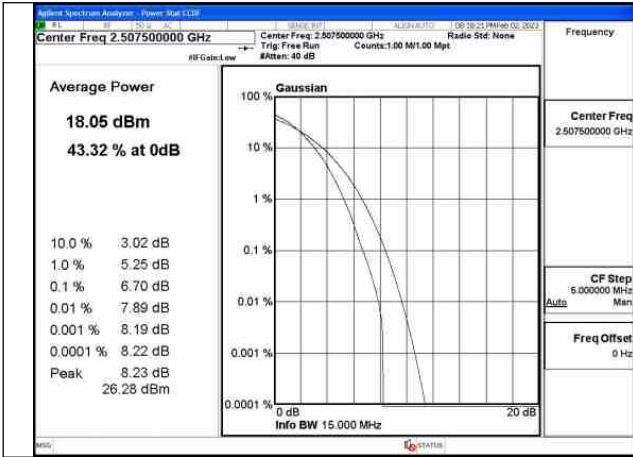


Fig. 13

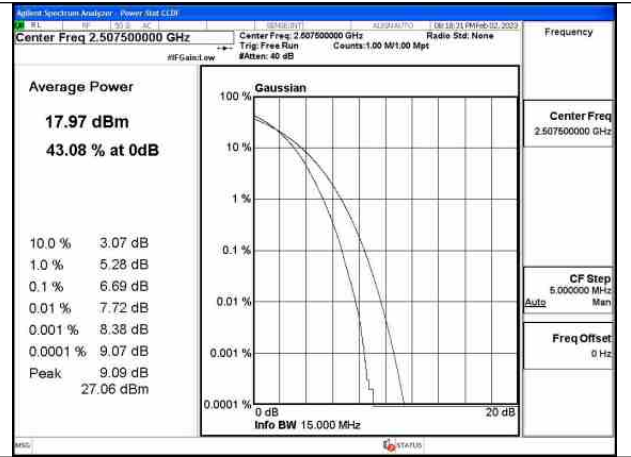


Fig. 14

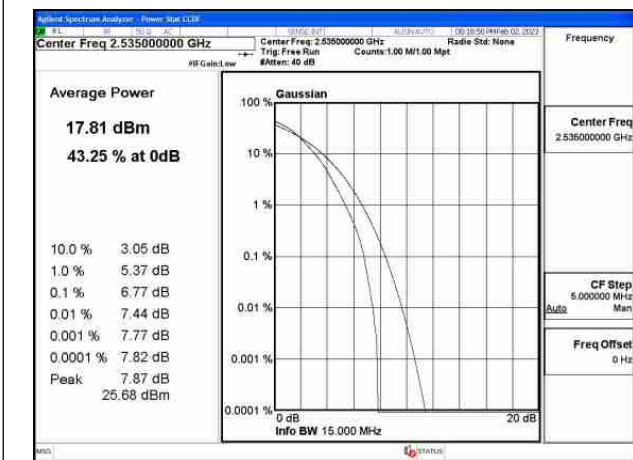


Fig. 15

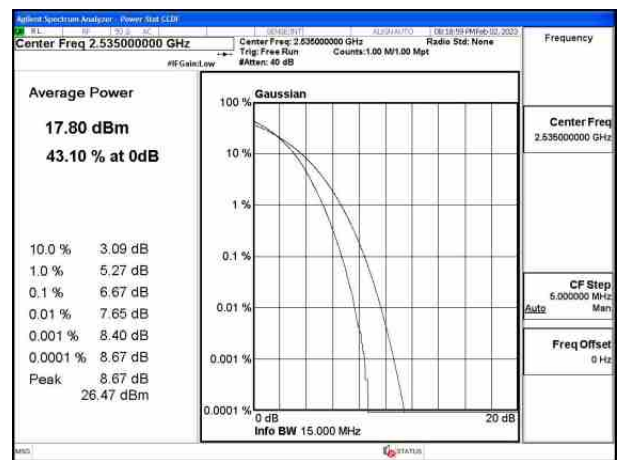


Fig. 16

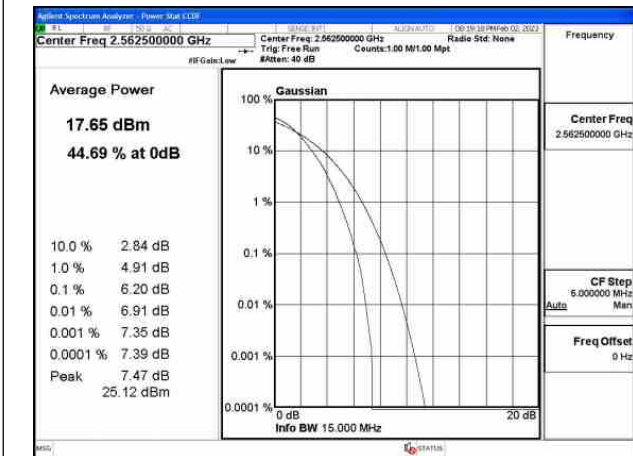


Fig. 17

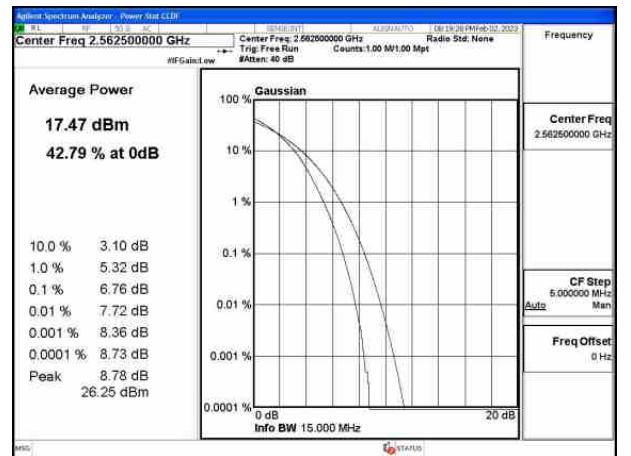


Fig. 18

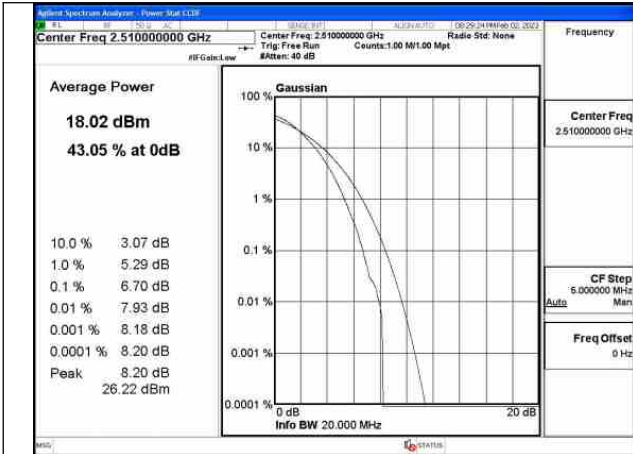


Fig.19

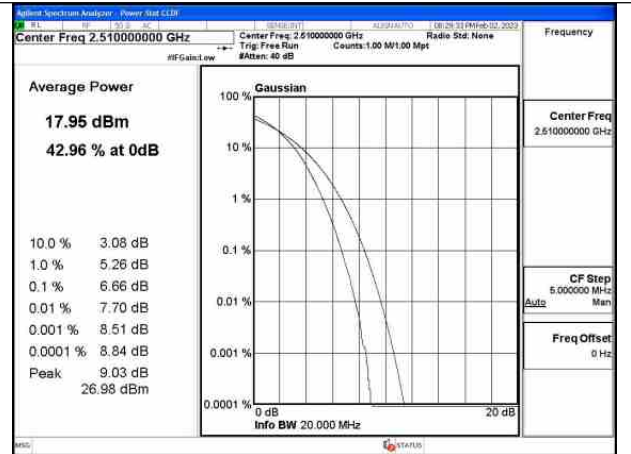


Fig.20

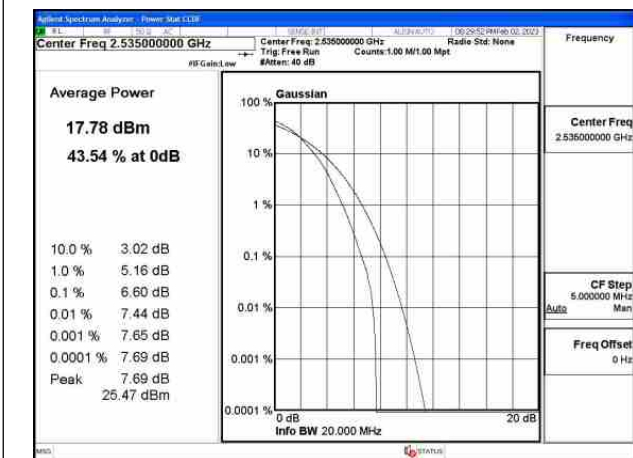


Fig.21

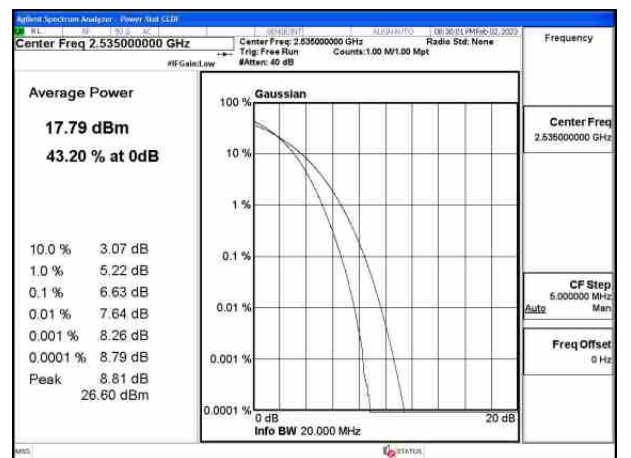


Fig.22

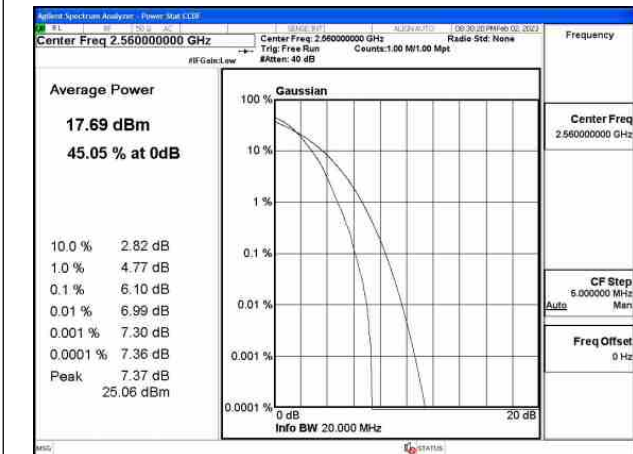


Fig.23

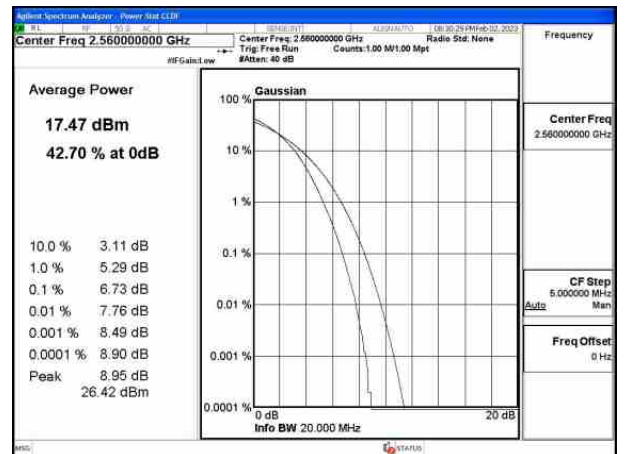


Fig.24

**5 Spurious Emissions at antenna terminal**

| Band | Carrier frequency (MHz) | Channel | BW | RB Size | RB Offset | Conducted Spurious Plot |
|------|-------------------------|---------|----|---------|-----------|-------------------------|
|      |                         |         |    |         |           | QPSK                    |
| 7    | 2510                    | 20850   | 20 | 1       | 0         | Fig.1                   |
| 7    | 2535                    | 21100   | 20 | 1       | 0         | Fig.2                   |
| 7    | 2560                    | 21350   | 20 | 1       | 0         | Fig.3                   |

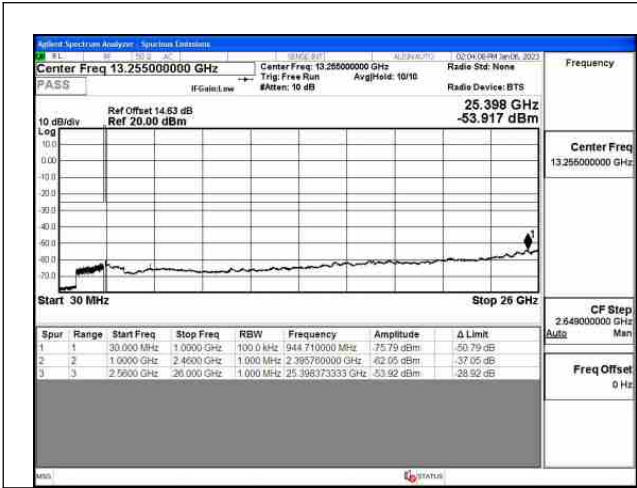


Fig.1



Fig.2



Fig.3

**6 Band Edges Compliance**

| Band | Mode | Carrier frequency (MHz) | Channel | BW | RB Size | RB Offset | Band Edges Plot |
|------|------|-------------------------|---------|----|---------|-----------|-----------------|
| 7    | QPSK | 2502.5                  | 20775   | 5  | 1       | 0         | Fig.1           |
| 7    | QPSK | 2502.5                  | 20775   | 5  | 25      | 0         | Fig.2           |
| 7    | QPSK | 2567.5                  | 21425   | 5  | 1       | 24        | Fig.3           |
| 7    | QPSK | 2567.5                  | 21425   | 5  | 25      | 0         | Fig.4           |
| 7    | QPSK | 2505                    | 20800   | 10 | 1       | 0         | Fig.5           |
| 7    | QPSK | 2505                    | 20800   | 10 | 50      | 0         | Fig.6           |
| 7    | QPSK | 2565                    | 21400   | 10 | 1       | 49        | Fig.7           |
| 7    | QPSK | 2565                    | 21400   | 10 | 50      | 0         | Fig.8           |
| 7    | QPSK | 2507.5                  | 20825   | 15 | 1       | 0         | Fig.9           |
| 7    | QPSK | 2507.5                  | 20825   | 15 | 75      | 0         | Fig.10          |
| 7    | QPSK | 2562.5                  | 21375   | 15 | 1       | 74        | Fig.11          |
| 7    | QPSK | 2562.5                  | 21375   | 15 | 75      | 0         | Fig.12          |
| 7    | QPSK | 2510                    | 20850   | 20 | 1       | 0         | Fig.13          |
| 7    | QPSK | 2510                    | 20850   | 20 | 100     | 0         | Fig.14          |
| 7    | QPSK | 2560                    | 21350   | 20 | 1       | 99        | Fig.15          |
| 7    | QPSK | 2560                    | 21350   | 20 | 100     | 0         | Fig.16          |

Test Mode: QPSK

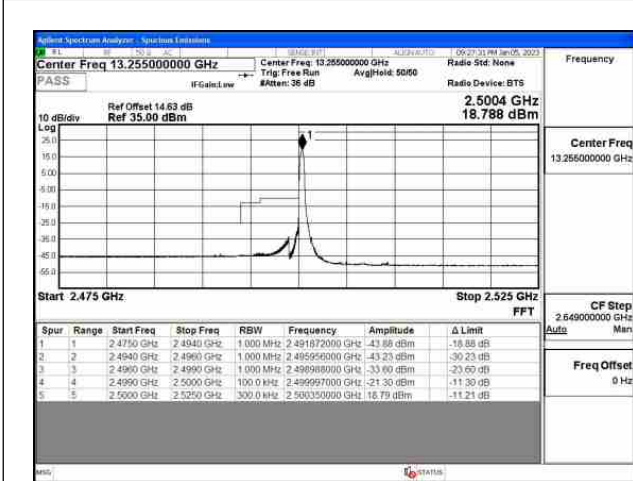


Fig.1

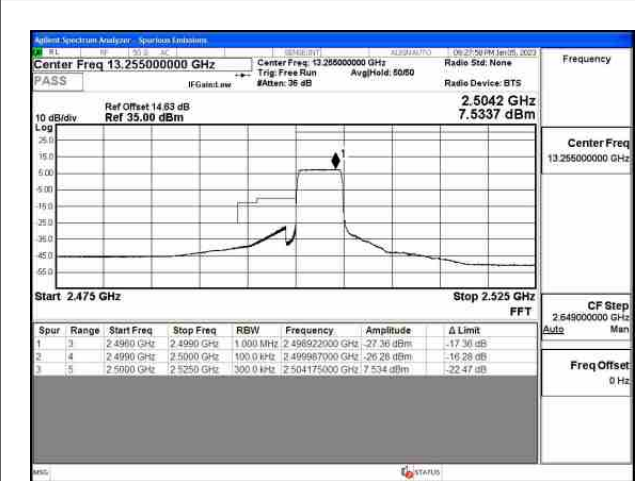


Fig.2

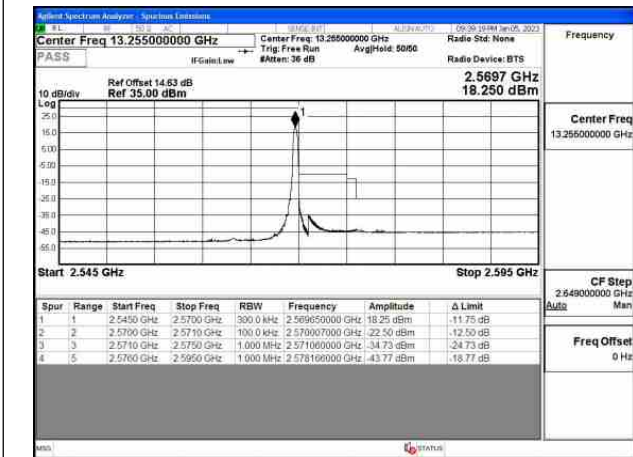


Fig.3

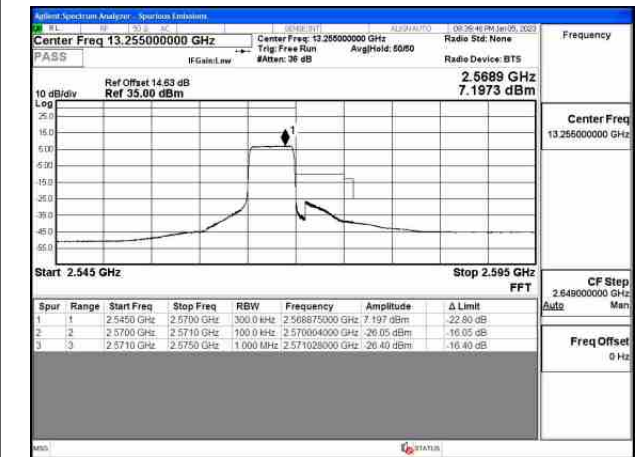


Fig.4

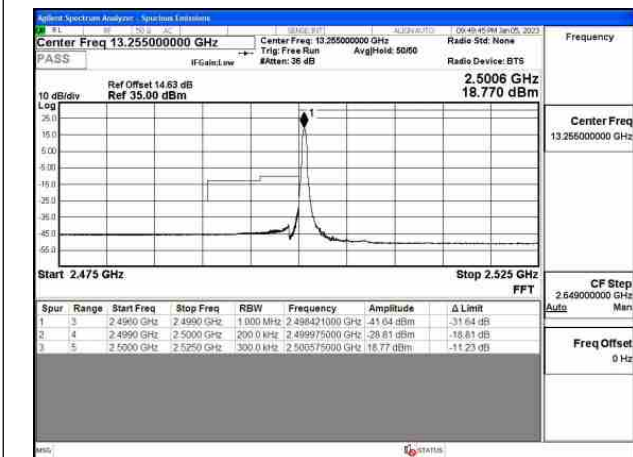


Fig.5

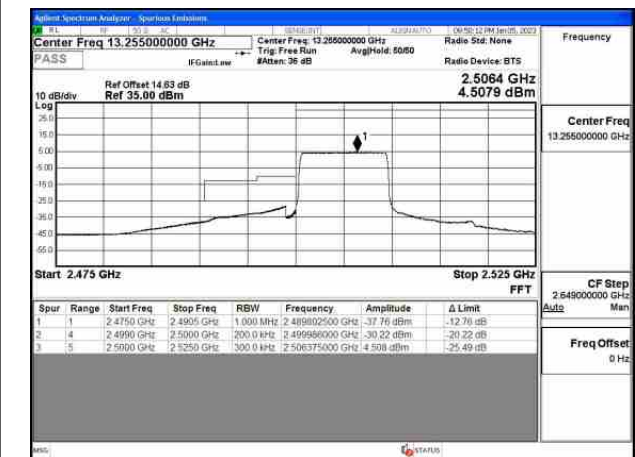


Fig.6



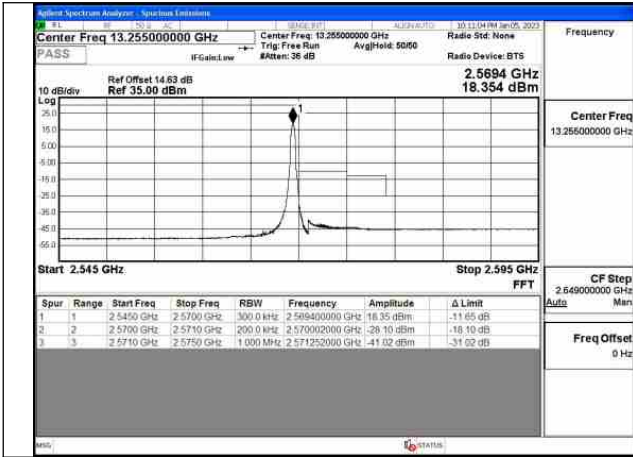


Fig.7

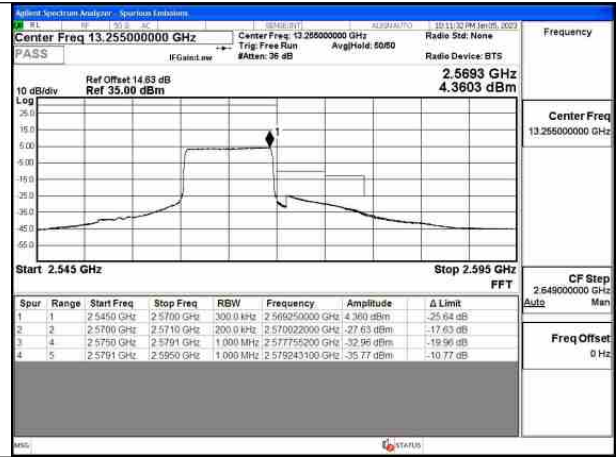


Fig.8

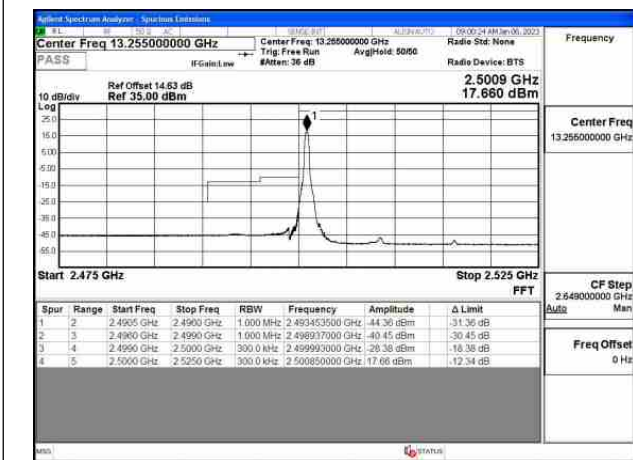


Fig.9

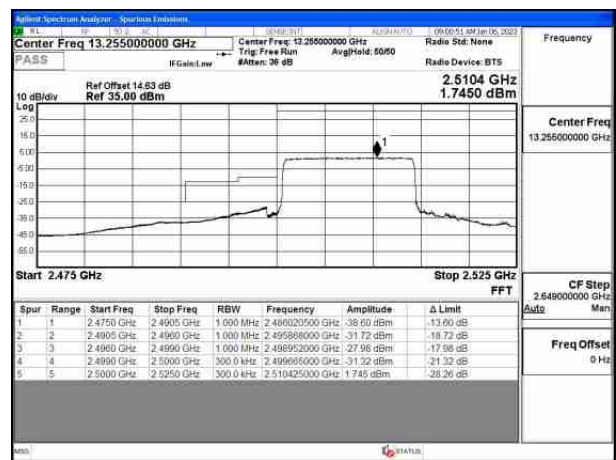


Fig.10

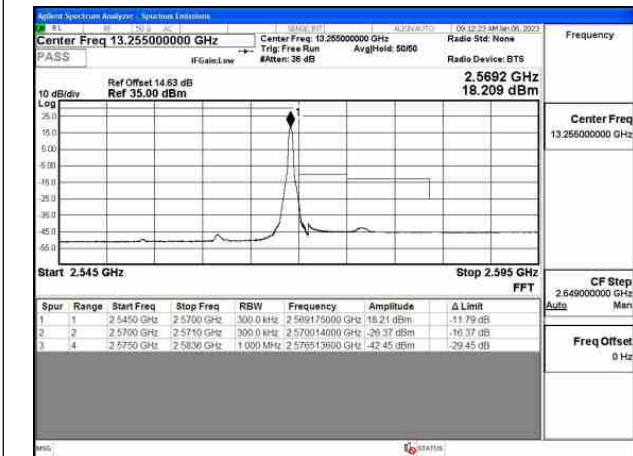


Fig.11

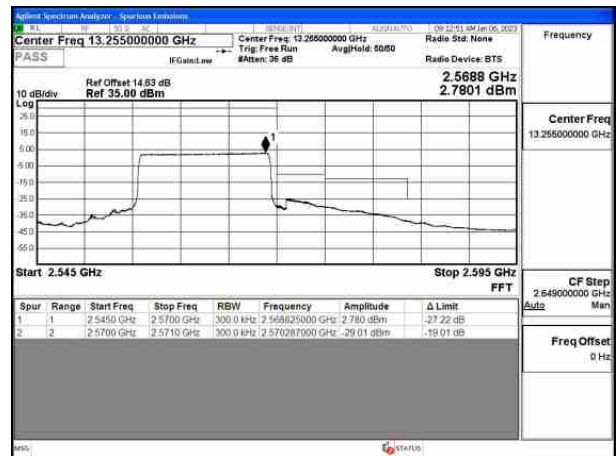


Fig.12

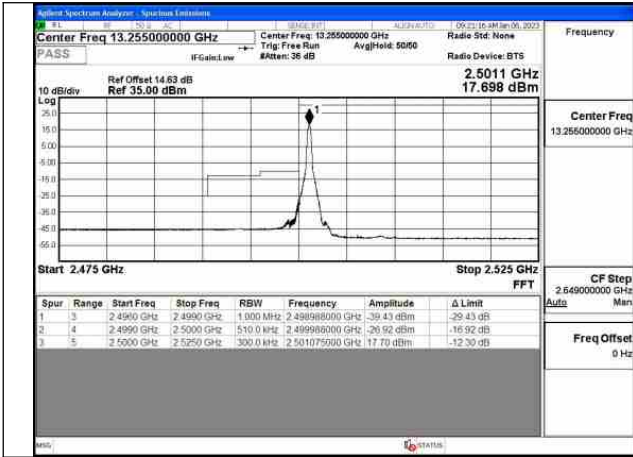


Fig.13

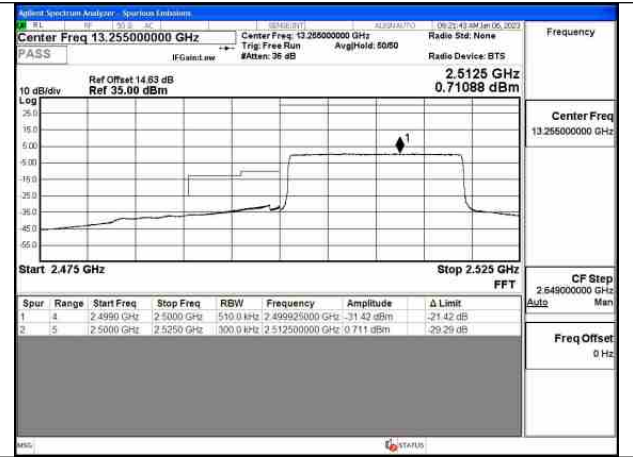


Fig.14

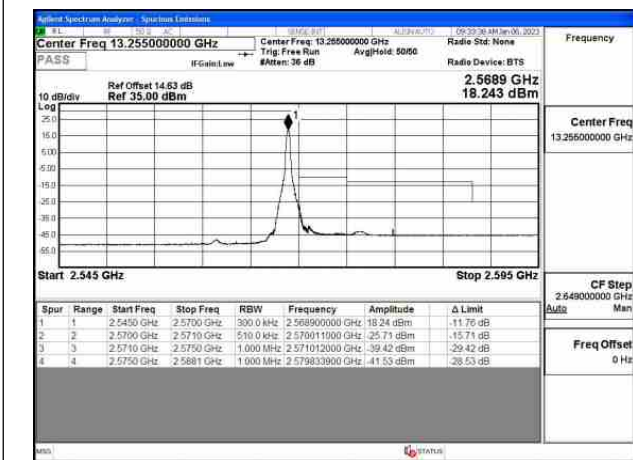


Fig.15

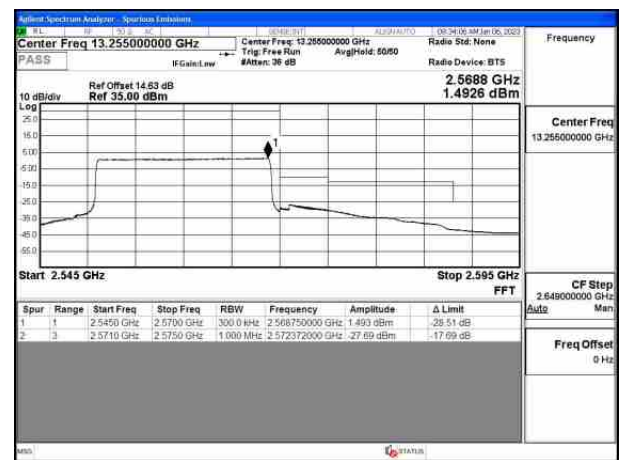


Fig.16

## 7 Frequency Stability

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

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

### 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       | 2502.5                  | 20775      | 5  | 1       | 0         | 18.79                 | 17.39          | 0.055        |
| QPSK       | 2502.5                  | 20775      | 5  | 1       | 12        | 18.84                 | 17.44          | 0.055        |
| QPSK       | 2502.5                  | 20775      | 5  | 1       | 24        | 18.72                 | 17.32          | 0.054        |
| QPSK       | 2502.5                  | 20775      | 5  | 12      | 0         | 18.78                 | 17.38          | 0.055        |
| QPSK       | 2502.5                  | 20775      | 5  | 12      | 7         | 18.72                 | 17.32          | 0.054        |
| QPSK       | 2502.5                  | 20775      | 5  | 12      | 13        | 18.77                 | 17.37          | 0.055        |
| QPSK       | 2502.5                  | 20775      | 5  | 25      | 0         | 18.73                 | 17.33          | 0.054        |
| QPSK       | 2535                    | 21100      | 5  | 1       | 0         | 18.67                 | 17.27          | 0.053        |
| QPSK       | 2535                    | 21100      | 5  | 1       | 12        | 18.71                 | 17.31          | 0.054        |
| QPSK       | 2535                    | 21100      | 5  | 1       | 24        | 18.48                 | 17.08          | 0.051        |
| QPSK       | 2535                    | 21100      | 5  | 12      | 0         | 18.58                 | 17.18          | 0.052        |
| QPSK       | 2535                    | 21100      | 5  | 12      | 7         | 18.57                 | 17.17          | 0.052        |
| QPSK       | 2535                    | 21100      | 5  | 12      | 13        | 18.58                 | 17.18          | 0.052        |
| QPSK       | 2535                    | 21100      | 5  | 25      | 0         | 18.55                 | 17.15          | 0.052        |
| QPSK       | 2567.5                  | 21425      | 5  | 1       | 0         | 18.51                 | 17.11          | 0.051        |
| QPSK       | 2567.5                  | 21425      | 5  | 1       | 12        | 18.54                 | 17.14          | 0.052        |
| QPSK       | 2567.5                  | 21425      | 5  | 1       | 24        | 18.18                 | 16.78          | 0.048        |
| QPSK       | 2567.5                  | 21425      | 5  | 12      | 0         | 18.31                 | 16.91          | 0.049        |
| QPSK       | 2567.5                  | 21425      | 5  | 12      | 7         | 18.40                 | 17.00          | 0.050        |
| QPSK       | 2567.5                  | 21425      | 5  | 12      | 13        | 18.27                 | 16.87          | 0.049        |
| QPSK       | 2567.5                  | 21425      | 5  | 25      | 0         | 18.27                 | 16.87          | 0.049        |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/EIRP (dBm) | ERP/EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|----------------|--------------|
| 16QAM      | 2502.5                  | 20775      | 5  | 1       | 0         | 19.06                 | 17.66          | 0.058        |
| 16QAM      | 2502.5                  | 20775      | 5  | 1       | 12        | 19.09                 | 17.69          | 0.059        |
| 16QAM      | 2502.5                  | 20775      | 5  | 1       | 24        | 18.42                 | 17.02          | 0.050        |
| 16QAM      | 2502.5                  | 20775      | 5  | 12      | 0         | 17.63                 | 16.23          | 0.042        |
| 16QAM      | 2502.5                  | 20775      | 5  | 12      | 7         | 17.75                 | 16.35          | 0.043        |
| 16QAM      | 2502.5                  | 20775      | 5  | 12      | 13        | 17.77                 | 16.37          | 0.043        |
| 16QAM      | 2502.5                  | 20775      | 5  | 25      | 0         | 17.76                 | 16.36          | 0.043        |
| 16QAM      | 2535                    | 21100      | 5  | 1       | 0         | 18.82                 | 17.42          | 0.055        |
| 16QAM      | 2535                    | 21100      | 5  | 1       | 12        | 19.15                 | 17.75          | 0.060        |
| 16QAM      | 2535                    | 21100      | 5  | 1       | 24        | 18.53                 | 17.13          | 0.052        |
| 16QAM      | 2535                    | 21100      | 5  | 12      | 0         | 17.53                 | 16.13          | 0.041        |
| 16QAM      | 2535                    | 21100      | 5  | 12      | 7         | 17.58                 | 16.18          | 0.041        |
| 16QAM      | 2535                    | 21100      | 5  | 12      | 13        | 17.64                 | 16.24          | 0.042        |
| 16QAM      | 2535                    | 21100      | 5  | 25      | 0         | 17.58                 | 16.18          | 0.041        |
| 16QAM      | 2567.5                  | 21425      | 5  | 1       | 0         | 18.78                 | 17.38          | 0.055        |
| 16QAM      | 2567.5                  | 21425      | 5  | 1       | 12        | 18.14                 | 16.74          | 0.047        |
| 16QAM      | 2567.5                  | 21425      | 5  | 1       | 24        | 18.44                 | 17.04          | 0.051        |
| 16QAM      | 2567.5                  | 21425      | 5  | 12      | 0         | 17.29                 | 15.89          | 0.039        |
| 16QAM      | 2567.5                  | 21425      | 5  | 12      | 7         | 17.35                 | 15.95          | 0.039        |
| 16QAM      | 2567.5                  | 21425      | 5  | 12      | 13        | 17.24                 | 15.84          | 0.038        |
| 16QAM      | 2567.5                  | 21425      | 5  | 25      | 0         | 17.38                 | 15.98          | 0.040        |
| 64QAM      | 2502.5                  | 20775      | 5  | 1       | 0         | 18.09                 | 16.69          | 0.047        |
| 64QAM      | 2502.5                  | 20775      | 5  | 1       | 12        | 18.24                 | 16.84          | 0.048        |
| 64QAM      | 2502.5                  | 20775      | 5  | 1       | 24        | 17.73                 | 16.33          | 0.043        |
| 64QAM      | 2502.5                  | 20775      | 5  | 12      | 0         | 16.93                 | 15.53          | 0.036        |
| 64QAM      | 2502.5                  | 20775      | 5  | 12      | 7         | 16.87                 | 15.47          | 0.035        |
| 64QAM      | 2502.5                  | 20775      | 5  | 12      | 13        | 16.89                 | 15.49          | 0.035        |
| 64QAM      | 2502.5                  | 20775      | 5  | 25      | 0         | 16.48                 | 15.08          | 0.032        |
| 64QAM      | 2535                    | 21100      | 5  | 1       | 0         | 17.95                 | 16.55          | 0.045        |
| 64QAM      | 2535                    | 21100      | 5  | 1       | 12        | 17.94                 | 16.54          | 0.045        |
| 64QAM      | 2535                    | 21100      | 5  | 1       | 24        | 17.65                 | 16.25          | 0.042        |
| 64QAM      | 2535                    | 21100      | 5  | 12      | 0         | 16.58                 | 15.18          | 0.033        |
| 64QAM      | 2535                    | 21100      | 5  | 12      | 7         | 16.73                 | 15.33          | 0.034        |
| 64QAM      | 2535                    | 21100      | 5  | 12      | 13        | 16.68                 | 15.28          | 0.034        |
| 64QAM      | 2535                    | 21100      | 5  | 25      | 0         | 16.47                 | 15.07          | 0.032        |
| 64QAM      | 2567.5                  | 21425      | 5  | 1       | 0         | 17.67                 | 16.27          | 0.042        |
| 64QAM      | 2567.5                  | 21425      | 5  | 1       | 12        | 17.46                 | 16.06          | 0.040        |
| 64QAM      | 2567.5                  | 21425      | 5  | 1       | 24        | 17.39                 | 15.99          | 0.040        |
| 64QAM      | 2567.5                  | 21425      | 5  | 12      | 0         | 16.28                 | 14.88          | 0.031        |
| 64QAM      | 2567.5                  | 21425      | 5  | 12      | 7         | 16.30                 | 14.90          | 0.031        |
| 64QAM      | 2567.5                  | 21425      | 5  | 12      | 13        | 16.31                 | 14.91          | 0.031        |
| 64QAM      | 2567.5                  | 21425      | 5  | 25      | 0         | 16.86                 | 15.46          | 0.035        |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/EIRP (dBm) | ERP/EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|----------------|--------------|
| QPSK       | 2505                    | 20800      | 10 | 1       | 0         | 18.82                 | 17.42          | 0.055        |
| QPSK       | 2505                    | 20800      | 10 | 1       | 25        | 18.81                 | 17.41          | 0.055        |
| QPSK       | 2505                    | 20800      | 10 | 1       | 49        | 18.47                 | 17.07          | 0.051        |
| QPSK       | 2505                    | 20800      | 10 | 25      | 0         | 18.76                 | 17.36          | 0.054        |
| QPSK       | 2505                    | 20800      | 10 | 25      | 12        | 18.78                 | 17.38          | 0.055        |
| QPSK       | 2505                    | 20800      | 10 | 25      | 25        | 18.68                 | 17.28          | 0.053        |
| QPSK       | 2505                    | 20800      | 10 | 50      | 0         | 18.73                 | 17.33          | 0.054        |
| QPSK       | 2535                    | 21100      | 10 | 1       | 0         | 18.54                 | 17.14          | 0.052        |
| QPSK       | 2535                    | 21100      | 10 | 1       | 25        | 18.60                 | 17.20          | 0.052        |
| QPSK       | 2535                    | 21100      | 10 | 1       | 49        | 18.41                 | 17.01          | 0.050        |
| QPSK       | 2535                    | 21100      | 10 | 25      | 0         | 18.53                 | 17.13          | 0.052        |
| QPSK       | 2535                    | 21100      | 10 | 25      | 12        | 18.45                 | 17.05          | 0.051        |
| QPSK       | 2535                    | 21100      | 10 | 25      | 25        | 18.48                 | 17.08          | 0.051        |
| QPSK       | 2535                    | 21100      | 10 | 50      | 0         | 18.41                 | 17.01          | 0.050        |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/EIRP (dBm) | ERP/EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|----------------|--------------|
| 16QAM      | 2505                    | 20800      | 10 | 1       | 0         | 18.78                 | 17.38          | 0.055        |
| 16QAM      | 2505                    | 20800      | 10 | 1       | 25        | 18.76                 | 17.36          | 0.054        |
| 16QAM      | 2505                    | 20800      | 10 | 1       | 49        | 18.90                 | 17.50          | 0.056        |
| 16QAM      | 2505                    | 20800      | 10 | 25      | 0         | 17.81                 | 16.41          | 0.044        |
| 16QAM      | 2505                    | 20800      | 10 | 25      | 12        | 17.97                 | 16.57          | 0.045        |
| 16QAM      | 2505                    | 20800      | 10 | 25      | 25        | 17.70                 | 16.30          | 0.043        |
| 16QAM      | 2505                    | 20800      | 10 | 50      | 0         | 17.71                 | 16.31          | 0.043        |
| 16QAM      | 2535                    | 21100      | 10 | 1       | 0         | 18.72                 | 17.32          | 0.054        |
| 16QAM      | 2535                    | 21100      | 10 | 1       | 25        | 18.68                 | 17.28          | 0.053        |
| 16QAM      | 2535                    | 21100      | 10 | 1       | 49        | 18.69                 | 17.29          | 0.054        |
| 16QAM      | 2535                    | 21100      | 10 | 25      | 0         | 17.44                 | 16.04          | 0.040        |
| 16QAM      | 2535                    | 21100      | 10 | 25      | 12        | 17.48                 | 16.08          | 0.041        |
| 16QAM      | 2535                    | 21100      | 10 | 25      | 25        | 17.43                 | 16.03          | 0.040        |
| 16QAM      | 2535                    | 21100      | 10 | 50      | 0         | 17.40                 | 16.00          | 0.040        |
| 64QAM      | 2505                    | 20800      | 10 | 1       | 0         | 18.00                 | 16.60          | 0.046        |
| 64QAM      | 2505                    | 20800      | 10 | 1       | 25        | 17.98                 | 16.58          | 0.045        |
| 64QAM      | 2505                    | 20800      | 10 | 1       | 49        | 17.90                 | 16.50          | 0.045        |
| 64QAM      | 2505                    | 20800      | 10 | 25      | 0         | 16.71                 | 15.31          | 0.034        |
| 64QAM      | 2505                    | 20800      | 10 | 25      | 12        | 16.70                 | 15.30          | 0.034        |
| 64QAM      | 2505                    | 20800      | 10 | 25      | 25        | 16.63                 | 15.23          | 0.033        |
| 64QAM      | 2505                    | 20800      | 10 | 50      | 0         | 16.63                 | 15.23          | 0.033        |
| 64QAM      | 2535                    | 21100      | 10 | 1       | 0         | 17.67                 | 16.27          | 0.042        |
| 64QAM      | 2535                    | 21100      | 10 | 1       | 25        | 17.52                 | 16.12          | 0.041        |
| 64QAM      | 2535                    | 21100      | 10 | 1       | 49        | 17.76                 | 16.36          | 0.043        |
| 64QAM      | 2535                    | 21100      | 10 | 25      | 0         | 16.48                 | 15.08          | 0.032        |
| 64QAM      | 2535                    | 21100      | 10 | 25      | 12        | 16.64                 | 15.24          | 0.033        |
| 64QAM      | 2535                    | 21100      | 10 | 25      | 25        | 16.53                 | 15.13          | 0.033        |
| 64QAM      | 2535                    | 21100      | 10 | 50      | 0         | 16.53                 | 15.13          | 0.033        |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/EIRP (dBm) | ERP/EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|----------------|--------------|
| QPSK       | 2507.5                  | 20825      | 15 | 1       | 0         | 17.68                 | 16.28          | 0.042        |
| QPSK       | 2507.5                  | 20825      | 15 | 1       | 37        | 17.68                 | 16.28          | 0.042        |
| QPSK       | 2507.5                  | 20825      | 15 | 1       | 74        | 17.35                 | 15.95          | 0.039        |
| QPSK       | 2507.5                  | 20825      | 15 | 36      | 0         | 17.56                 | 16.16          | 0.041        |
| QPSK       | 2507.5                  | 20825      | 15 | 36      | 29        | 17.69                 | 16.29          | 0.043        |
| QPSK       | 2507.5                  | 20825      | 15 | 36      | 30        | 17.63                 | 16.23          | 0.042        |
| QPSK       | 2507.5                  | 20825      | 15 | 75      | 0         | 17.60                 | 16.20          | 0.042        |
| QPSK       | 2535                    | 21100      | 15 | 1       | 0         | 18.27                 | 16.87          | 0.049        |
| QPSK       | 2535                    | 21100      | 15 | 1       | 37        | 18.30                 | 16.90          | 0.049        |
| QPSK       | 2535                    | 21100      | 15 | 1       | 74        | 17.85                 | 16.45          | 0.044        |
| QPSK       | 2535                    | 21100      | 15 | 36      | 0         | 18.08                 | 16.68          | 0.047        |
| QPSK       | 2535                    | 21100      | 15 | 36      | 29        | 18.00                 | 16.60          | 0.046        |
| QPSK       | 2535                    | 21100      | 15 | 36      | 30        | 18.02                 | 16.62          | 0.046        |
| QPSK       | 2535                    | 21100      | 15 | 75      | 0         | 18.04                 | 16.64          | 0.046        |
| QPSK       | 2562.5                  | 21375      | 15 | 1       | 0         | 18.43                 | 17.03          | 0.050        |
| QPSK       | 2562.5                  | 21375      | 15 | 1       | 37        | 18.31                 | 16.91          | 0.049        |
| QPSK       | 2562.5                  | 21375      | 15 | 1       | 74        | 18.28                 | 16.88          | 0.049        |
| QPSK       | 2562.5                  | 21375      | 15 | 36      | 0         | 18.48                 | 17.08          | 0.051        |
| QPSK       | 2562.5                  | 21375      | 15 | 36      | 29        | 18.23                 | 16.83          | 0.048        |
| QPSK       | 2562.5                  | 21375      | 15 | 36      | 30        | 18.31                 | 16.91          | 0.049        |
| QPSK       | 2562.5                  | 21375      | 15 | 75      | 0         | 18.29                 | 16.89          | 0.049        |



| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/EIRP (dBm) | ERP/EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|----------------|--------------|
| 16QAM      | 2507.5                  | 20825      | 15 | 1       | 0         | 17.53                 | 16.13          | 0.041        |
| 16QAM      | 2507.5                  | 20825      | 15 | 1       | 37        | 18.38                 | 16.98          | 0.050        |
| 16QAM      | 2507.5                  | 20825      | 15 | 1       | 74        | 18.03                 | 16.63          | 0.046        |
| 16QAM      | 2507.5                  | 20825      | 15 | 36      | 0         | 16.56                 | 15.16          | 0.033        |
| 16QAM      | 2507.5                  | 20825      | 15 | 36      | 29        | 16.64                 | 15.24          | 0.033        |
| 16QAM      | 2507.5                  | 20825      | 15 | 36      | 30        | 16.61                 | 15.21          | 0.033        |
| 16QAM      | 2507.5                  | 20825      | 15 | 75      | 0         | 16.63                 | 15.23          | 0.033        |
| 16QAM      | 2535                    | 21100      | 15 | 1       | 0         | 18.04                 | 16.64          | 0.046        |
| 16QAM      | 2535                    | 21100      | 15 | 1       | 37        | 18.06                 | 16.66          | 0.046        |
| 16QAM      | 2535                    | 21100      | 15 | 1       | 74        | 17.95                 | 16.55          | 0.045        |
| 16QAM      | 2535                    | 21100      | 15 | 36      | 0         | 17.10                 | 15.70          | 0.037        |
| 16QAM      | 2535                    | 21100      | 15 | 36      | 29        | 16.98                 | 15.58          | 0.036        |
| 16QAM      | 2535                    | 21100      | 15 | 36      | 30        | 17.04                 | 15.64          | 0.037        |
| 16QAM      | 2535                    | 21100      | 15 | 75      | 0         | 17.01                 | 15.61          | 0.036        |
| 16QAM      | 2562.5                  | 21375      | 15 | 1       | 0         | 18.20                 | 16.80          | 0.048        |
| 16QAM      | 2562.5                  | 21375      | 15 | 1       | 37        | 18.60                 | 17.20          | 0.052        |
| 16QAM      | 2562.5                  | 21375      | 15 | 1       | 74        | 18.04                 | 16.64          | 0.046        |
| 16QAM      | 2562.5                  | 21375      | 15 | 36      | 0         | 17.46                 | 16.06          | 0.040        |
| 16QAM      | 2562.5                  | 21375      | 15 | 36      | 29        | 17.36                 | 15.96          | 0.039        |
| 16QAM      | 2562.5                  | 21375      | 15 | 36      | 30        | 17.36                 | 15.96          | 0.039        |
| 16QAM      | 2562.5                  | 21375      | 15 | 75      | 0         | 17.37                 | 15.97          | 0.040        |
| 64QAM      | 2507.5                  | 20825      | 15 | 1       | 0         | 16.30                 | 14.90          | 0.031        |
| 64QAM      | 2507.5                  | 20825      | 15 | 1       | 37        | 16.99                 | 15.59          | 0.036        |
| 64QAM      | 2507.5                  | 20825      | 15 | 1       | 74        | 16.62                 | 15.22          | 0.033        |
| 64QAM      | 2507.5                  | 20825      | 15 | 36      | 0         | 15.66                 | 14.26          | 0.027        |
| 64QAM      | 2507.5                  | 20825      | 15 | 36      | 29        | 15.57                 | 14.17          | 0.026        |
| 64QAM      | 2507.5                  | 20825      | 15 | 36      | 30        | 15.54                 | 14.14          | 0.026        |
| 64QAM      | 2507.5                  | 20825      | 15 | 75      | 0         | 15.62                 | 14.22          | 0.026        |
| 64QAM      | 2535                    | 21100      | 15 | 1       | 0         | 17.65                 | 16.25          | 0.042        |
| 64QAM      | 2535                    | 21100      | 15 | 1       | 37        | 17.26                 | 15.86          | 0.039        |
| 64QAM      | 2535                    | 21100      | 15 | 1       | 74        | 16.88                 | 15.48          | 0.035        |
| 64QAM      | 2535                    | 21100      | 15 | 36      | 0         | 16.06                 | 14.66          | 0.029        |
| 64QAM      | 2535                    | 21100      | 15 | 36      | 29        | 15.96                 | 14.56          | 0.029        |
| 64QAM      | 2535                    | 21100      | 15 | 36      | 30        | 15.97                 | 14.57          | 0.029        |
| 64QAM      | 2535                    | 21100      | 15 | 75      | 0         | 16.01                 | 14.61          | 0.029        |
| 64QAM      | 2562.5                  | 21375      | 15 | 1       | 0         | 17.89                 | 16.49          | 0.045        |
| 64QAM      | 2562.5                  | 21375      | 15 | 1       | 37        | 17.43                 | 16.03          | 0.040        |
| 64QAM      | 2562.5                  | 21375      | 15 | 1       | 74        | 17.47                 | 16.07          | 0.040        |
| 64QAM      | 2562.5                  | 21375      | 15 | 36      | 0         | 16.47                 | 15.07          | 0.032        |
| 64QAM      | 2562.5                  | 21375      | 15 | 36      | 29        | 16.45                 | 15.05          | 0.032        |
| 64QAM      | 2562.5                  | 21375      | 15 | 36      | 30        | 16.39                 | 14.99          | 0.032        |
| 64QAM      | 2562.5                  | 21375      | 15 | 75      | 0         | 16.38                 | 14.98          | 0.031        |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/EIRP (dBm) | ERP/EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|----------------|--------------|
| QPSK       | 2510                    | 20850      | 20 | 1       | 0         | 17.47                 | 16.07          | 0.040        |
| QPSK       | 2510                    | 20850      | 20 | 1       | 49        | 17.53                 | 16.13          | 0.041        |
| QPSK       | 2510                    | 20850      | 20 | 1       | 99        | 17.51                 | 16.11          | 0.041        |
| QPSK       | 2510                    | 20850      | 20 | 50      | 0         | 17.67                 | 16.27          | 0.042        |
| QPSK       | 2510                    | 20850      | 20 | 50      | 24        | 17.61                 | 16.21          | 0.042        |
| QPSK       | 2510                    | 20850      | 20 | 50      | 50        | 17.55                 | 16.15          | 0.041        |
| QPSK       | 2510                    | 20850      | 20 | 100     | 0         | 17.62                 | 16.22          | 0.042        |
| QPSK       | 2535                    | 21100      | 20 | 1       | 0         | 17.96                 | 16.56          | 0.045        |
| QPSK       | 2535                    | 21100      | 20 | 1       | 49        | 18.23                 | 16.83          | 0.048        |
| QPSK       | 2535                    | 21100      | 20 | 1       | 99        | 17.90                 | 16.50          | 0.045        |
| QPSK       | 2535                    | 21100      | 20 | 50      | 0         | 18.16                 | 16.76          | 0.047        |
| QPSK       | 2535                    | 21100      | 20 | 50      | 24        | 18.20                 | 16.80          | 0.048        |
| QPSK       | 2535                    | 21100      | 20 | 50      | 50        | 18.20                 | 16.80          | 0.048        |
| QPSK       | 2535                    | 21100      | 20 | 100     | 0         | 18.12                 | 16.72          | 0.047        |
| QPSK       | 2560                    | 21350      | 20 | 1       | 0         | 18.46                 | 17.06          | 0.051        |
| QPSK       | 2560                    | 21350      | 20 | 1       | 49        | 18.49                 | 17.09          | 0.051        |
| QPSK       | 2560                    | 21350      | 20 | 1       | 99        | 18.10                 | 16.70          | 0.047        |
| QPSK       | 2560                    | 21350      | 20 | 50      | 0         | 18.48                 | 17.08          | 0.051        |
| QPSK       | 2560                    | 21350      | 20 | 50      | 24        | 18.53                 | 17.13          | 0.052        |
| QPSK       | 2560                    | 21350      | 20 | 50      | 50        | 18.35                 | 16.95          | 0.050        |
| QPSK       | 2560                    | 21350      | 20 | 100     | 0         | 18.42                 | 17.02          | 0.050        |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/EIRP (dBm) | ERP/EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|----------------|--------------|
| 256QAM     | 2510                    | 20850      | 20 | 1       | 0         | 18.04                 | 16.64          | 0.046        |
| 256QAM     | 2535                    | 21100      | 20 | 1       | 0         | 18.06                 | 16.66          | 0.046        |
| 256QAM     | 2560                    | 21350      | 20 | 1       | 0         | 18.23                 | 16.83          | 0.048        |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/EIRP (dBm) | ERP/EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|----------------|--------------|
| 16QAM      | 2510                    | 20850      | 20 | 1       | 0         | 17.92                 | 16.52          | 0.045        |
| 16QAM      | 2510                    | 20850      | 20 | 1       | 49        | 17.85                 | 16.45          | 0.044        |
| 16QAM      | 2510                    | 20850      | 20 | 1       | 99        | 17.67                 | 16.27          | 0.042        |
| 16QAM      | 2510                    | 20850      | 20 | 50      | 0         | 16.60                 | 15.20          | 0.033        |
| 16QAM      | 2510                    | 20850      | 20 | 50      | 24        | 16.69                 | 15.29          | 0.034        |
| 16QAM      | 2510                    | 20850      | 20 | 50      | 50        | 16.59                 | 15.19          | 0.033        |
| 16QAM      | 2510                    | 20850      | 20 | 100     | 0         | 16.67                 | 15.27          | 0.034        |
| 16QAM      | 2535                    | 21100      | 20 | 1       | 0         | 18.33                 | 16.93          | 0.049        |
| 16QAM      | 2535                    | 21100      | 20 | 1       | 49        | 18.61                 | 17.21          | 0.053        |
| 16QAM      | 2535                    | 21100      | 20 | 1       | 99        | 18.50                 | 17.10          | 0.051        |
| 16QAM      | 2535                    | 21100      | 20 | 50      | 0         | 17.28                 | 15.88          | 0.039        |
| 16QAM      | 2535                    | 21100      | 20 | 50      | 24        | 17.26                 | 15.86          | 0.039        |
| 16QAM      | 2535                    | 21100      | 20 | 50      | 50        | 17.21                 | 15.81          | 0.038        |
| 16QAM      | 2535                    | 21100      | 20 | 100     | 0         | 17.18                 | 15.78          | 0.038        |
| 16QAM      | 2560                    | 21350      | 20 | 1       | 0         | 18.38                 | 16.98          | 0.050        |
| 16QAM      | 2560                    | 21350      | 20 | 1       | 49        | 19.95                 | 18.55          | 0.072        |
| 16QAM      | 2560                    | 21350      | 20 | 1       | 99        | 18.42                 | 17.02          | 0.050        |
| 16QAM      | 2560                    | 21350      | 20 | 50      | 0         | 17.45                 | 16.05          | 0.040        |
| 16QAM      | 2560                    | 21350      | 20 | 50      | 24        | 17.53                 | 16.13          | 0.041        |
| 16QAM      | 2560                    | 21350      | 20 | 50      | 50        | 17.37                 | 15.97          | 0.040        |
| 16QAM      | 2560                    | 21350      | 20 | 100     | 0         | 17.46                 | 16.06          | 0.040        |
| 64QAM      | 2510                    | 20850      | 20 | 1       | 0         | 17.21                 | 15.81          | 0.038        |
| 64QAM      | 2510                    | 20850      | 20 | 1       | 49        | 17.20                 | 15.80          | 0.038        |
| 64QAM      | 2510                    | 20850      | 20 | 1       | 99        | 17.18                 | 15.78          | 0.038        |
| 64QAM      | 2510                    | 20850      | 20 | 50      | 0         | 15.69                 | 14.29          | 0.027        |
| 64QAM      | 2510                    | 20850      | 20 | 50      | 24        | 15.74                 | 14.34          | 0.027        |
| 64QAM      | 2510                    | 20850      | 20 | 50      | 50        | 15.62                 | 14.22          | 0.026        |
| 64QAM      | 2510                    | 20850      | 20 | 100     | 0         | 15.70                 | 14.30          | 0.027        |
| 64QAM      | 2535                    | 21100      | 20 | 1       | 0         | 17.27                 | 15.87          | 0.039        |
| 64QAM      | 2535                    | 21100      | 20 | 1       | 49        | 17.44                 | 16.04          | 0.040        |
| 64QAM      | 2535                    | 21100      | 20 | 1       | 99        | 17.54                 | 16.14          | 0.041        |
| 64QAM      | 2535                    | 21100      | 20 | 50      | 0         | 16.23                 | 14.83          | 0.030        |
| 64QAM      | 2535                    | 21100      | 20 | 50      | 24        | 16.23                 | 14.83          | 0.030        |
| 64QAM      | 2535                    | 21100      | 20 | 50      | 50        | 16.13                 | 14.73          | 0.030        |
| 64QAM      | 2535                    | 21100      | 20 | 100     | 0         | 16.16                 | 14.76          | 0.030        |
| 64QAM      | 2560                    | 21350      | 20 | 1       | 0         | 17.61                 | 16.21          | 0.042        |
| 64QAM      | 2560                    | 21350      | 20 | 1       | 49        | 17.96                 | 16.56          | 0.045        |
| 64QAM      | 2560                    | 21350      | 20 | 1       | 99        | 17.35                 | 15.95          | 0.039        |
| 64QAM      | 2560                    | 21350      | 20 | 50      | 0         | 16.42                 | 15.02          | 0.032        |
| 64QAM      | 2560                    | 21350      | 20 | 50      | 24        | 16.53                 | 15.13          | 0.033        |
| 64QAM      | 2560                    | 21350      | 20 | 50      | 50        | 16.41                 | 15.01          | 0.032        |
| 64QAM      | 2560                    | 21350      | 20 | 100     | 0         | 16.43                 | 15.03          | 0.032        |