

## APPENDIX A – TEST DATA OF CONDUCTED EMISSION

### N77(3300-4200)

#### 1 RF Power Output

| Modulation           | Carrier frequency (MHz) | UL Channel | BW (MHz) | RB Size | RB Offset | Conducted power (dBm) |
|----------------------|-------------------------|------------|----------|---------|-----------|-----------------------|
| DFT-s-OFDM PI/2 BPSK | 3310.02                 | 620668     | 20       | 25      | 12        | 26.52                 |
| DFT-s-OFDM PI/2 BPSK | 3310.02                 | 620668     | 20       | 1       | 1         | 26.46                 |
| DFT-s-OFDM PI/2 BPSK | 3310.02                 | 620668     | 20       | 1       | 49        | 26.97                 |
| DFT-s-OFDM PI/2 BPSK | 3310.02                 | 620668     | 20       | 50      | 0         | 25.59                 |
| DFT-s-OFDM QPSK      | 3310.02                 | 620668     | 20       | 25      | 12        | 26.55                 |
| DFT-s-OFDM QPSK      | 3310.02                 | 620668     | 20       | 1       | 1         | 26.57                 |
| DFT-s-OFDM QPSK      | 3310.02                 | 620668     | 20       | 1       | 49        | 27.00                 |
| DFT-s-OFDM QPSK      | 3310.02                 | 620668     | 20       | 50      | 0         | 25.59                 |
| DFT-s-OFDM 16QAM     | 3310.02                 | 620668     | 20       | 25      | 12        | 25.54                 |
| DFT-s-OFDM 16QAM     | 3310.02                 | 620668     | 20       | 1       | 1         | 25.49                 |
| DFT-s-OFDM 16QAM     | 3310.02                 | 620668     | 20       | 1       | 49        | 25.99                 |
| DFT-s-OFDM 16QAM     | 3310.02                 | 620668     | 20       | 50      | 0         | 24.48                 |
| DFT-s-OFDM 64QAM     | 3310.02                 | 620668     | 20       | 25      | 12        | 24.01                 |
| DFT-s-OFDM 64QAM     | 3310.02                 | 620668     | 20       | 1       | 1         | 23.64                 |
| DFT-s-OFDM 64QAM     | 3310.02                 | 620668     | 20       | 1       | 49        | 24.03                 |
| DFT-s-OFDM 64QAM     | 3310.02                 | 620668     | 20       | 50      | 0         | 24.02                 |
| DFT-s-OFDM 256QAM    | 3310.02                 | 620668     | 20       | 25      | 12        | 21.98                 |
| DFT-s-OFDM 256QAM    | 3310.02                 | 620668     | 20       | 1       | 1         | 21.97                 |
| DFT-s-OFDM 256QAM    | 3310.02                 | 620668     | 20       | 1       | 49        | 22.34                 |
| DFT-s-OFDM 256QAM    | 3310.02                 | 620668     | 20       | 50      | 0         | 22.10                 |
| CP-OFDM QPSK         | 3310.02                 | 620668     | 20       | 25      | 12        | 25.17                 |
| CP-OFDM QPSK         | 3310.02                 | 620668     | 20       | 1       | 1         | 25.14                 |
| CP-OFDM QPSK         | 3310.02                 | 620668     | 20       | 1       | 49        | 25.64                 |
| CP-OFDM QPSK         | 3310.02                 | 620668     | 20       | 51      | 0         | 23.56                 |
| CP-OFDM 16QAM        | 3310.02                 | 620668     | 20       | 25      | 12        | 24.62                 |
| CP-OFDM 16QAM        | 3310.02                 | 620668     | 20       | 1       | 1         | 24.69                 |
| CP-OFDM 16QAM        | 3310.02                 | 620668     | 20       | 1       | 49        | 25.10                 |
| CP-OFDM 16QAM        | 3310.02                 | 620668     | 20       | 51      | 0         | 23.56                 |
| CP-OFDM 64QAM        | 3310.02                 | 620668     | 20       | 25      | 12        | 23.09                 |
| CP-OFDM 64QAM        | 3310.02                 | 620668     | 20       | 1       | 1         | 22.68                 |
| CP-OFDM 64QAM        | 3310.02                 | 620668     | 20       | 1       | 49        | 23.07                 |
| CP-OFDM 64QAM        | 3310.02                 | 620668     | 20       | 51      | 0         | 23.23                 |
| CP-OFDM 256QAM       | 3310.02                 | 620668     | 20       | 25      | 12        | 20.03                 |
| CP-OFDM 256QAM       | 3310.02                 | 620668     | 20       | 1       | 1         | 20.02                 |
| CP-OFDM 256QAM       | 3310.02                 | 620668     | 20       | 1       | 49        | 20.52                 |
| CP-OFDM 256QAM       | 3310.02                 | 620668     | 20       | 51      | 0         | 20.11                 |
| DFT-s-OFDM PI/2 BPSK | 3750                    | 650000     | 20       | 25      | 12        | 27.53                 |
| DFT-s-OFDM PI/2 BPSK | 3750                    | 650000     | 20       | 1       | 1         | 28.47                 |
| DFT-s-OFDM PI/2 BPSK | 3750                    | 650000     | 20       | 1       | 49        | 29.10                 |
| DFT-s-OFDM PI/2 BPSK | 3750                    | 650000     | 20       | 50      | 0         | 27.50                 |
| DFT-s-OFDM QPSK      | 3750                    | 650000     | 20       | 25      | 12        | 28.42                 |

|                      |         |        |    |    |    |       |
|----------------------|---------|--------|----|----|----|-------|
| DFT-s-OFDM QPSK      | 3750    | 650000 | 20 | 1  | 1  | 28.47 |
| DFT-s-OFDM QPSK      | 3750    | 650000 | 20 | 1  | 49 | 29.02 |
| DFT-s-OFDM QPSK      | 3750    | 650000 | 20 | 50 | 0  | 27.55 |
| DFT-s-OFDM 16QAM     | 3750    | 650000 | 20 | 25 | 12 | 27.44 |
| DFT-s-OFDM 16QAM     | 3750    | 650000 | 20 | 1  | 1  | 27.58 |
| DFT-s-OFDM 16QAM     | 3750    | 650000 | 20 | 1  | 49 | 28.06 |
| DFT-s-OFDM 16QAM     | 3750    | 650000 | 20 | 50 | 0  | 26.53 |
| DFT-s-OFDM 64QAM     | 3750    | 650000 | 20 | 25 | 12 | 25.85 |
| DFT-s-OFDM 64QAM     | 3750    | 650000 | 20 | 1  | 1  | 25.56 |
| DFT-s-OFDM 64QAM     | 3750    | 650000 | 20 | 1  | 49 | 26.22 |
| DFT-s-OFDM 64QAM     | 3750    | 650000 | 20 | 50 | 0  | 26.03 |
| DFT-s-OFDM 256QAM    | 3750    | 650000 | 20 | 25 | 12 | 23.87 |
| DFT-s-OFDM 256QAM    | 3750    | 650000 | 20 | 1  | 1  | 23.89 |
| DFT-s-OFDM 256QAM    | 3750    | 650000 | 20 | 1  | 49 | 24.47 |
| DFT-s-OFDM 256QAM    | 3750    | 650000 | 20 | 50 | 0  | 24.05 |
| CP-OFDM QPSK         | 3750    | 650000 | 20 | 25 | 12 | 26.88 |
| CP-OFDM QPSK         | 3750    | 650000 | 20 | 1  | 1  | 27.13 |
| CP-OFDM QPSK         | 3750    | 650000 | 20 | 1  | 49 | 27.63 |
| CP-OFDM QPSK         | 3750    | 650000 | 20 | 51 | 0  | 25.57 |
| CP-OFDM 16QAM        | 3750    | 650000 | 20 | 25 | 12 | 26.35 |
| CP-OFDM 16QAM        | 3750    | 650000 | 20 | 1  | 1  | 26.57 |
| CP-OFDM 16QAM        | 3750    | 650000 | 20 | 1  | 49 | 27.31 |
| CP-OFDM 16QAM        | 3750    | 650000 | 20 | 51 | 0  | 25.57 |
| CP-OFDM 64QAM        | 3750    | 650000 | 20 | 25 | 12 | 24.90 |
| CP-OFDM 64QAM        | 3750    | 650000 | 20 | 1  | 1  | 24.60 |
| CP-OFDM 64QAM        | 3750    | 650000 | 20 | 1  | 49 | 25.19 |
| CP-OFDM 64QAM        | 3750    | 650000 | 20 | 51 | 0  | 25.13 |
| CP-OFDM 256QAM       | 3750    | 650000 | 20 | 25 | 12 | 21.88 |
| CP-OFDM 256QAM       | 3750    | 650000 | 20 | 1  | 1  | 22.08 |
| CP-OFDM 256QAM       | 3750    | 650000 | 20 | 1  | 49 | 22.56 |
| CP-OFDM 256QAM       | 3750    | 650000 | 20 | 51 | 0  | 22.20 |
| DFT-s-OFDM PI/2 BPSK | 4189.98 | 679332 | 20 | 25 | 12 | 27.31 |
| DFT-s-OFDM PI/2 BPSK | 4189.98 | 679332 | 20 | 1  | 1  | 27.48 |
| DFT-s-OFDM PI/2 BPSK | 4189.98 | 679332 | 20 | 1  | 49 | 25.89 |
| DFT-s-OFDM PI/2 BPSK | 4189.98 | 679332 | 20 | 50 | 0  | 25.89 |
| DFT-s-OFDM QPSK      | 4189.98 | 679332 | 20 | 25 | 12 | 26.91 |
| DFT-s-OFDM QPSK      | 4189.98 | 679332 | 20 | 1  | 1  | 27.41 |
| DFT-s-OFDM QPSK      | 4189.98 | 679332 | 20 | 1  | 49 | 25.83 |
| DFT-s-OFDM QPSK      | 4189.98 | 679332 | 20 | 50 | 0  | 25.77 |
| DFT-s-OFDM 16QAM     | 4189.98 | 679332 | 20 | 25 | 12 | 25.75 |
| DFT-s-OFDM 16QAM     | 4189.98 | 679332 | 20 | 1  | 1  | 26.57 |
| DFT-s-OFDM 16QAM     | 4189.98 | 679332 | 20 | 1  | 49 | 24.92 |
| DFT-s-OFDM 16QAM     | 4189.98 | 679332 | 20 | 50 | 0  | 24.81 |
| DFT-s-OFDM 64QAM     | 4189.98 | 679332 | 20 | 25 | 12 | 24.37 |
| DFT-s-OFDM 64QAM     | 4189.98 | 679332 | 20 | 1  | 1  | 24.50 |
| DFT-s-OFDM 64QAM     | 4189.98 | 679332 | 20 | 1  | 49 | 23.05 |

|                   |         |        |    |    |    |       |
|-------------------|---------|--------|----|----|----|-------|
| DFT-s-OFDM 64QAM  | 4189.98 | 679332 | 20 | 50 | 0  | 24.22 |
| DFT-s-OFDM 256QAM | 4189.98 | 679332 | 20 | 25 | 12 | 22.31 |
| DFT-s-OFDM 256QAM | 4189.98 | 679332 | 20 | 1  | 1  | 22.93 |
| DFT-s-OFDM 256QAM | 4189.98 | 679332 | 20 | 1  | 49 | 21.20 |
| DFT-s-OFDM 256QAM | 4189.98 | 679332 | 20 | 50 | 0  | 22.26 |
| CP-OFDM QPSK      | 4189.98 | 679332 | 20 | 25 | 12 | 25.43 |
| CP-OFDM QPSK      | 4189.98 | 679332 | 20 | 1  | 1  | 26.14 |
| CP-OFDM QPSK      | 4189.98 | 679332 | 20 | 1  | 49 | 24.48 |
| CP-OFDM QPSK      | 4189.98 | 679332 | 20 | 51 | 0  | 23.73 |
| CP-OFDM 16QAM     | 4189.98 | 679332 | 20 | 25 | 12 | 24.97 |
| CP-OFDM 16QAM     | 4189.98 | 679332 | 20 | 1  | 1  | 25.62 |
| CP-OFDM 16QAM     | 4189.98 | 679332 | 20 | 1  | 49 | 23.90 |
| CP-OFDM 16QAM     | 4189.98 | 679332 | 20 | 51 | 0  | 23.82 |
| CP-OFDM 64QAM     | 4189.98 | 679332 | 20 | 25 | 12 | 23.45 |
| CP-OFDM 64QAM     | 4189.98 | 679332 | 20 | 1  | 1  | 23.58 |
| CP-OFDM 64QAM     | 4189.98 | 679332 | 20 | 1  | 49 | 22.13 |
| CP-OFDM 64QAM     | 4189.98 | 679332 | 20 | 51 | 0  | 23.37 |
| CP-OFDM 256QAM    | 4189.98 | 679332 | 20 | 25 | 12 | 20.40 |
| CP-OFDM 256QAM    | 4189.98 | 679332 | 20 | 1  | 1  | 20.90 |
| CP-OFDM 256QAM    | 4189.98 | 679332 | 20 | 1  | 49 | 19.38 |
| CP-OFDM 256QAM    | 4189.98 | 679332 | 20 | 51 | 0  | 20.20 |

| Modulation           | Carrier frequency (MHz) | UL Channel | BW (MHz) | RB Size | RB Offset | Conducted power (dBm) |
|----------------------|-------------------------|------------|----------|---------|-----------|-----------------------|
| DFT-s-OFDM PI/2 BPSK | 3315                    | 621000     | 30       | 36      | 18        | 25.99                 |
| DFT-s-OFDM PI/2 BPSK | 3315                    | 621000     | 30       | 1       | 1         | 26.72                 |
| DFT-s-OFDM PI/2 BPSK | 3315                    | 621000     | 30       | 1       | 76        | 27.22                 |
| DFT-s-OFDM PI/2 BPSK | 3315                    | 621000     | 30       | 75      | 0         | 26.00                 |
| DFT-s-OFDM QPSK      | 3315                    | 621000     | 30       | 36      | 18        | 26.77                 |
| DFT-s-OFDM QPSK      | 3315                    | 621000     | 30       | 1       | 1         | 26.82                 |
| DFT-s-OFDM QPSK      | 3315                    | 621000     | 30       | 1       | 76        | 27.22                 |
| DFT-s-OFDM QPSK      | 3315                    | 621000     | 30       | 75      | 0         | 25.90                 |
| DFT-s-OFDM 16QAM     | 3315                    | 621000     | 30       | 36      | 18        | 25.74                 |
| DFT-s-OFDM 16QAM     | 3315                    | 621000     | 30       | 1       | 1         | 25.83                 |
| DFT-s-OFDM 16QAM     | 3315                    | 621000     | 30       | 1       | 76        | 26.32                 |
| DFT-s-OFDM 16QAM     | 3315                    | 621000     | 30       | 75      | 0         | 24.98                 |
| DFT-s-OFDM 64QAM     | 3315                    | 621000     | 30       | 36      | 18        | 24.37                 |
| DFT-s-OFDM 64QAM     | 3315                    | 621000     | 30       | 1       | 1         | 23.82                 |
| DFT-s-OFDM 64QAM     | 3315                    | 621000     | 30       | 1       | 76        | 24.29                 |
| DFT-s-OFDM 64QAM     | 3315                    | 621000     | 30       | 75      | 0         | 24.47                 |
| DFT-s-OFDM 256QAM    | 3315                    | 621000     | 30       | 36      | 18        | 22.36                 |
| DFT-s-OFDM 256QAM    | 3315                    | 621000     | 30       | 1       | 1         | 22.14                 |
| DFT-s-OFDM 256QAM    | 3315                    | 621000     | 30       | 1       | 76        | 22.53                 |
| DFT-s-OFDM 256QAM    | 3315                    | 621000     | 30       | 75      | 0         | 22.45                 |
| CP-OFDM QPSK         | 3315                    | 621000     | 30       | 39      | 19        | 25.45                 |
| CP-OFDM QPSK         | 3315                    | 621000     | 30       | 1       | 1         | 25.18                 |

|                      |      |        |    |    |    |       |
|----------------------|------|--------|----|----|----|-------|
| CP-OFDM QPSK         | 3315 | 621000 | 30 | 1  | 76 | 25.68 |
| CP-OFDM QPSK         | 3315 | 621000 | 30 | 78 | 0  | 24.01 |
| CP-OFDM 16QAM        | 3315 | 621000 | 30 | 39 | 19 | 24.85 |
| CP-OFDM 16QAM        | 3315 | 621000 | 30 | 1  | 1  | 25.04 |
| CP-OFDM 16QAM        | 3315 | 621000 | 30 | 1  | 76 | 25.12 |
| CP-OFDM 16QAM        | 3315 | 621000 | 30 | 78 | 0  | 23.96 |
| CP-OFDM 64QAM        | 3315 | 621000 | 30 | 39 | 19 | 23.44 |
| CP-OFDM 64QAM        | 3315 | 621000 | 30 | 1  | 1  | 23.07 |
| CP-OFDM 64QAM        | 3315 | 621000 | 30 | 1  | 76 | 23.30 |
| CP-OFDM 64QAM        | 3315 | 621000 | 30 | 78 | 0  | 23.47 |
| CP-OFDM 256QAM       | 3315 | 621000 | 30 | 39 | 19 | 20.38 |
| CP-OFDM 256QAM       | 3315 | 621000 | 30 | 1  | 1  | 20.37 |
| CP-OFDM 256QAM       | 3315 | 621000 | 30 | 1  | 76 | 20.78 |
| CP-OFDM 256QAM       | 3315 | 621000 | 30 | 78 | 0  | 20.61 |
| DFT-s-OFDM PI/2 BPSK | 3750 | 650000 | 30 | 36 | 18 | 27.62 |
| DFT-s-OFDM PI/2 BPSK | 3750 | 650000 | 30 | 1  | 1  | 28.76 |
| DFT-s-OFDM PI/2 BPSK | 3750 | 650000 | 30 | 1  | 76 | 28.58 |
| DFT-s-OFDM PI/2 BPSK | 3750 | 650000 | 30 | 75 | 0  | 27.67 |
| DFT-s-OFDM QPSK      | 3750 | 650000 | 30 | 36 | 18 | 28.40 |
| DFT-s-OFDM QPSK      | 3750 | 650000 | 30 | 1  | 1  | 28.77 |
| DFT-s-OFDM QPSK      | 3750 | 650000 | 30 | 1  | 76 | 28.78 |
| DFT-s-OFDM QPSK      | 3750 | 650000 | 30 | 75 | 0  | 27.63 |
| DFT-s-OFDM 16QAM     | 3750 | 650000 | 30 | 36 | 18 | 27.42 |
| DFT-s-OFDM 16QAM     | 3750 | 650000 | 30 | 1  | 1  | 27.91 |
| DFT-s-OFDM 16QAM     | 3750 | 650000 | 30 | 1  | 76 | 27.74 |
| DFT-s-OFDM 16QAM     | 3750 | 650000 | 30 | 75 | 0  | 26.70 |
| DFT-s-OFDM 64QAM     | 3750 | 650000 | 30 | 36 | 18 | 25.92 |
| DFT-s-OFDM 64QAM     | 3750 | 650000 | 30 | 1  | 1  | 25.96 |
| DFT-s-OFDM 64QAM     | 3750 | 650000 | 30 | 1  | 76 | 25.77 |
| DFT-s-OFDM 64QAM     | 3750 | 650000 | 30 | 75 | 0  | 26.17 |
| DFT-s-OFDM 256QAM    | 3750 | 650000 | 30 | 36 | 18 | 23.94 |
| DFT-s-OFDM 256QAM    | 3750 | 650000 | 30 | 1  | 1  | 24.25 |
| DFT-s-OFDM 256QAM    | 3750 | 650000 | 30 | 1  | 76 | 24.03 |
| DFT-s-OFDM 256QAM    | 3750 | 650000 | 30 | 75 | 0  | 24.13 |
| CP-OFDM QPSK         | 3750 | 650000 | 30 | 39 | 19 | 26.93 |
| CP-OFDM QPSK         | 3750 | 650000 | 30 | 1  | 1  | 27.21 |
| CP-OFDM QPSK         | 3750 | 650000 | 30 | 1  | 76 | 27.23 |
| CP-OFDM QPSK         | 3750 | 650000 | 30 | 78 | 0  | 25.63 |
| CP-OFDM 16QAM        | 3750 | 650000 | 30 | 39 | 19 | 26.54 |
| CP-OFDM 16QAM        | 3750 | 650000 | 30 | 1  | 1  | 26.96 |
| CP-OFDM 16QAM        | 3750 | 650000 | 30 | 1  | 76 | 26.85 |
| CP-OFDM 16QAM        | 3750 | 650000 | 30 | 78 | 0  | 25.60 |
| CP-OFDM 64QAM        | 3750 | 650000 | 30 | 39 | 19 | 25.05 |
| CP-OFDM 64QAM        | 3750 | 650000 | 30 | 1  | 1  | 24.96 |
| CP-OFDM 64QAM        | 3750 | 650000 | 30 | 1  | 76 | 24.75 |
| CP-OFDM 64QAM        | 3750 | 650000 | 30 | 78 | 0  | 25.14 |

|                      |      |        |    |    |    |       |
|----------------------|------|--------|----|----|----|-------|
| CP-OFDM 256QAM       | 3750 | 650000 | 30 | 39 | 19 | 21.99 |
| CP-OFDM 256QAM       | 3750 | 650000 | 30 | 1  | 1  | 22.49 |
| CP-OFDM 256QAM       | 3750 | 650000 | 30 | 1  | 76 | 22.28 |
| CP-OFDM 256QAM       | 3750 | 650000 | 30 | 78 | 0  | 22.14 |
| DFT-s-OFDM PI/2 BPSK | 4185 | 679000 | 30 | 36 | 18 | 27.27 |
| DFT-s-OFDM PI/2 BPSK | 4185 | 679000 | 30 | 1  | 1  | 27.26 |
| DFT-s-OFDM PI/2 BPSK | 4185 | 679000 | 30 | 1  | 76 | 25.55 |
| DFT-s-OFDM PI/2 BPSK | 4185 | 679000 | 30 | 75 | 0  | 26.02 |
| DFT-s-OFDM QPSK      | 4185 | 679000 | 30 | 36 | 18 | 27.14 |
| DFT-s-OFDM QPSK      | 4185 | 679000 | 30 | 1  | 1  | 27.20 |
| DFT-s-OFDM QPSK      | 4185 | 679000 | 30 | 1  | 76 | 25.46 |
| DFT-s-OFDM QPSK      | 4185 | 679000 | 30 | 75 | 0  | 25.95 |
| DFT-s-OFDM 16QAM     | 4185 | 679000 | 30 | 36 | 18 | 26.31 |
| DFT-s-OFDM 16QAM     | 4185 | 679000 | 30 | 1  | 1  | 26.30 |
| DFT-s-OFDM 16QAM     | 4185 | 679000 | 30 | 1  | 76 | 24.56 |
| DFT-s-OFDM 16QAM     | 4185 | 679000 | 30 | 75 | 0  | 25.00 |
| DFT-s-OFDM 64QAM     | 4185 | 679000 | 30 | 36 | 18 | 24.68 |
| DFT-s-OFDM 64QAM     | 4185 | 679000 | 30 | 1  | 1  | 24.74 |
| DFT-s-OFDM 64QAM     | 4185 | 679000 | 30 | 1  | 76 | 22.89 |
| DFT-s-OFDM 64QAM     | 4185 | 679000 | 30 | 75 | 0  | 24.42 |
| DFT-s-OFDM 256QAM    | 4185 | 679000 | 30 | 36 | 18 | 22.67 |
| DFT-s-OFDM 256QAM    | 4185 | 679000 | 30 | 1  | 1  | 22.70 |
| DFT-s-OFDM 256QAM    | 4185 | 679000 | 30 | 1  | 76 | 20.95 |
| DFT-s-OFDM 256QAM    | 4185 | 679000 | 30 | 75 | 0  | 22.42 |
| CP-OFDM QPSK         | 4185 | 679000 | 30 | 39 | 19 | 25.50 |
| CP-OFDM QPSK         | 4185 | 679000 | 30 | 1  | 1  | 25.95 |
| CP-OFDM QPSK         | 4185 | 679000 | 30 | 1  | 76 | 24.17 |
| CP-OFDM QPSK         | 4185 | 679000 | 30 | 78 | 0  | 23.92 |
| CP-OFDM 16QAM        | 4185 | 679000 | 30 | 39 | 19 | 25.10 |
| CP-OFDM 16QAM        | 4185 | 679000 | 30 | 1  | 1  | 25.32 |
| CP-OFDM 16QAM        | 4185 | 679000 | 30 | 1  | 76 | 23.58 |
| CP-OFDM 16QAM        | 4185 | 679000 | 30 | 78 | 0  | 23.79 |
| CP-OFDM 64QAM        | 4185 | 679000 | 30 | 39 | 19 | 23.75 |
| CP-OFDM 64QAM        | 4185 | 679000 | 30 | 1  | 1  | 23.38 |
| CP-OFDM 64QAM        | 4185 | 679000 | 30 | 1  | 76 | 21.59 |
| CP-OFDM 64QAM        | 4185 | 679000 | 30 | 78 | 0  | 23.41 |
| CP-OFDM 256QAM       | 4185 | 679000 | 30 | 39 | 19 | 20.63 |
| CP-OFDM 256QAM       | 4185 | 679000 | 30 | 1  | 1  | 20.81 |
| CP-OFDM 256QAM       | 4185 | 679000 | 30 | 1  | 76 | 19.19 |
| CP-OFDM 256QAM       | 4185 | 679000 | 30 | 78 | 0  | 20.42 |

| Modulation           | Carrier frequency (MHz) | UL Channel | BW (MHz) | RB Size | RB Offset | Conducted power (dBm) |
|----------------------|-------------------------|------------|----------|---------|-----------|-----------------------|
| DFT-s-OFDM PI/2 BPSK | 3320.01                 | 621334     | 40       | 50      | 25        | 25.90                 |
| DFT-s-OFDM PI/2 BPSK | 3320.01                 | 621334     | 40       | 1       | 1         | 26.63                 |
| DFT-s-OFDM PI/2 BPSK | 3320.01                 | 621334     | 40       | 1       | 104       | 26.36                 |

|                      |         |        |    |     |     |       |
|----------------------|---------|--------|----|-----|-----|-------|
| DFT-s-OFDM PI/2 BPSK | 3320.01 | 621334 | 40 | 100 | 0   | 25.87 |
| DFT-s-OFDM QPSK      | 3320.01 | 621334 | 40 | 50  | 25  | 27.19 |
| DFT-s-OFDM QPSK      | 3320.01 | 621334 | 40 | 1   | 1   | 26.84 |
| DFT-s-OFDM QPSK      | 3320.01 | 621334 | 40 | 1   | 104 | 26.38 |
| DFT-s-OFDM QPSK      | 3320.01 | 621334 | 40 | 100 | 0   | 26.10 |
| DFT-s-OFDM 16QAM     | 3320.01 | 621334 | 40 | 50  | 25  | 26.20 |
| DFT-s-OFDM 16QAM     | 3320.01 | 621334 | 40 | 1   | 1   | 25.91 |
| DFT-s-OFDM 16QAM     | 3320.01 | 621334 | 40 | 1   | 104 | 25.34 |
| DFT-s-OFDM 16QAM     | 3320.01 | 621334 | 40 | 100 | 0   | 25.01 |
| DFT-s-OFDM 64QAM     | 3320.01 | 621334 | 40 | 50  | 25  | 24.71 |
| DFT-s-OFDM 64QAM     | 3320.01 | 621334 | 40 | 1   | 1   | 23.87 |
| DFT-s-OFDM 64QAM     | 3320.01 | 621334 | 40 | 1   | 104 | 23.57 |
| DFT-s-OFDM 64QAM     | 3320.01 | 621334 | 40 | 100 | 0   | 24.64 |
| DFT-s-OFDM 256QAM    | 3320.01 | 621334 | 40 | 50  | 25  | 22.78 |
| DFT-s-OFDM 256QAM    | 3320.01 | 621334 | 40 | 1   | 1   | 22.25 |
| DFT-s-OFDM 256QAM    | 3320.01 | 621334 | 40 | 1   | 104 | 21.76 |
| DFT-s-OFDM 256QAM    | 3320.01 | 621334 | 40 | 100 | 0   | 22.53 |
| CP-OFDM QPSK         | 3320.01 | 621334 | 40 | 53  | 26  | 25.77 |
| CP-OFDM QPSK         | 3320.01 | 621334 | 40 | 1   | 1   | 25.52 |
| CP-OFDM QPSK         | 3320.01 | 621334 | 40 | 1   | 104 | 24.97 |
| CP-OFDM QPSK         | 3320.01 | 621334 | 40 | 106 | 0   | 23.97 |
| CP-OFDM 16QAM        | 3320.01 | 621334 | 40 | 53  | 26  | 25.24 |
| CP-OFDM 16QAM        | 3320.01 | 621334 | 40 | 1   | 1   | 24.97 |
| CP-OFDM 16QAM        | 3320.01 | 621334 | 40 | 1   | 104 | 24.32 |
| CP-OFDM 16QAM        | 3320.01 | 621334 | 40 | 106 | 0   | 24.07 |
| CP-OFDM 64QAM        | 3320.01 | 621334 | 40 | 53  | 26  | 23.83 |
| CP-OFDM 64QAM        | 3320.01 | 621334 | 40 | 1   | 1   | 23.10 |
| CP-OFDM 64QAM        | 3320.01 | 621334 | 40 | 1   | 104 | 22.43 |
| CP-OFDM 64QAM        | 3320.01 | 621334 | 40 | 106 | 0   | 23.45 |
| CP-OFDM 256QAM       | 3320.01 | 621334 | 40 | 53  | 26  | 20.81 |
| CP-OFDM 256QAM       | 3320.01 | 621334 | 40 | 1   | 1   | 20.31 |
| CP-OFDM 256QAM       | 3320.01 | 621334 | 40 | 1   | 104 | 19.89 |
| CP-OFDM 256QAM       | 3320.01 | 621334 | 40 | 106 | 0   | 20.54 |
| DFT-s-OFDM PI/2 BPSK | 3750    | 650000 | 40 | 50  | 25  | 27.57 |
| DFT-s-OFDM PI/2 BPSK | 3750    | 650000 | 40 | 1   | 1   | 28.15 |
| DFT-s-OFDM PI/2 BPSK | 3750    | 650000 | 40 | 1   | 104 | 28.51 |
| DFT-s-OFDM PI/2 BPSK | 3750    | 650000 | 40 | 100 | 0   | 27.65 |
| DFT-s-OFDM QPSK      | 3750    | 650000 | 40 | 50  | 25  | 28.45 |
| DFT-s-OFDM QPSK      | 3750    | 650000 | 40 | 1   | 1   | 28.19 |
| DFT-s-OFDM QPSK      | 3750    | 650000 | 40 | 1   | 104 | 28.56 |
| DFT-s-OFDM QPSK      | 3750    | 650000 | 40 | 100 | 0   | 27.56 |
| DFT-s-OFDM 16QAM     | 3750    | 650000 | 40 | 50  | 25  | 27.48 |
| DFT-s-OFDM 16QAM     | 3750    | 650000 | 40 | 1   | 1   | 27.16 |
| DFT-s-OFDM 16QAM     | 3750    | 650000 | 40 | 1   | 104 | 27.44 |
| DFT-s-OFDM 16QAM     | 3750    | 650000 | 40 | 100 | 0   | 26.61 |
| DFT-s-OFDM 64QAM     | 3750    | 650000 | 40 | 50  | 25  | 26.02 |

|                   |      |        |    |     |     |       |
|-------------------|------|--------|----|-----|-----|-------|
| DFT-s-OFDM 64QAM  | 3750 | 650000 | 40 | 1   | 1   | 25.24 |
| DFT-s-OFDM 64QAM  | 3750 | 650000 | 40 | 1   | 104 | 25.58 |
| DFT-s-OFDM 64QAM  | 3750 | 650000 | 40 | 100 | 0   | 26.06 |
| DFT-s-OFDM 256QAM | 3750 | 650000 | 40 | 50  | 25  | 24.07 |
| DFT-s-OFDM 256QAM | 3750 | 650000 | 40 | 1   | 1   | 23.57 |
| DFT-s-OFDM 256QAM | 3750 | 650000 | 40 | 1   | 104 | 23.81 |
| DFT-s-OFDM 256QAM | 3750 | 650000 | 40 | 100 | 0   | 24.15 |
| CP-OFDM QPSK      | 3750 | 650000 | 40 | 53  | 26  | 27.09 |
| CP-OFDM QPSK      | 3750 | 650000 | 40 | 1   | 1   | 26.78 |
| CP-OFDM QPSK      | 3750 | 650000 | 40 | 1   | 104 | 27.03 |
| CP-OFDM QPSK      | 3750 | 650000 | 40 | 106 | 0   | 25.54 |
| CP-OFDM 16QAM     | 3750 | 650000 | 40 | 53  | 26  | 26.48 |
| CP-OFDM 16QAM     | 3750 | 650000 | 40 | 1   | 1   | 26.28 |
| CP-OFDM 16QAM     | 3750 | 650000 | 40 | 1   | 104 | 26.65 |
| CP-OFDM 16QAM     | 3750 | 650000 | 40 | 106 | 0   | 25.64 |
| CP-OFDM 64QAM     | 3750 | 650000 | 40 | 53  | 26  | 25.14 |
| CP-OFDM 64QAM     | 3750 | 650000 | 40 | 1   | 1   | 24.33 |
| CP-OFDM 64QAM     | 3750 | 650000 | 40 | 1   | 104 | 24.62 |
| CP-OFDM 64QAM     | 3750 | 650000 | 40 | 106 | 0   | 25.11 |
| CP-OFDM 256QAM    | 3750 | 650000 | 40 | 53  | 26  | 22.17 |
| CP-OFDM 256QAM    | 3750 | 650000 | 40 | 1   | 1   | 21.58 |
| CP-OFDM 256QAM    | 3750 | 650000 | 40 | 1   | 104 | 22.04 |
| CP-OFDM 256QAM    | 3750 | 650000 | 40 | 106 | 0   | 22.15 |

| Modulation           | Carrier frequency (MHz) | UL Channel | BW (MHz) | RB Size | RB Offset | Conducted power (dBm) |
|----------------------|-------------------------|------------|----------|---------|-----------|-----------------------|
| DFT-s-OFDM PI/2 BPSK | 3330                    | 622000     | 60       | 81      | 40        | 26.08                 |
| DFT-s-OFDM PI/2 BPSK | 3330                    | 622000     | 60       | 1       | 1         | 26.67                 |
| DFT-s-OFDM PI/2 BPSK | 3330                    | 622000     | 60       | 1       | 160       | 27.12                 |
| DFT-s-OFDM PI/2 BPSK | 3330                    | 622000     | 60       | 162     | 0         | 26.08                 |
| DFT-s-OFDM QPSK      | 3330                    | 622000     | 60       | 81      | 40        | 26.91                 |
| DFT-s-OFDM QPSK      | 3330                    | 622000     | 60       | 1       | 1         | 26.69                 |
| DFT-s-OFDM QPSK      | 3330                    | 622000     | 60       | 1       | 160       | 27.05                 |
| DFT-s-OFDM QPSK      | 3330                    | 622000     | 60       | 162     | 0         | 25.99                 |
| DFT-s-OFDM 16QAM     | 3330                    | 622000     | 60       | 81      | 40        | 25.82                 |
| DFT-s-OFDM 16QAM     | 3330                    | 622000     | 60       | 1       | 1         | 25.56                 |
| DFT-s-OFDM 16QAM     | 3330                    | 622000     | 60       | 1       | 160       | 26.28                 |
| DFT-s-OFDM 16QAM     | 3330                    | 622000     | 60       | 162     | 0         | 25.03                 |
| DFT-s-OFDM 64QAM     | 3330                    | 622000     | 60       | 81      | 40        | 24.50                 |
| DFT-s-OFDM 64QAM     | 3330                    | 622000     | 60       | 1       | 1         | 23.77                 |
| DFT-s-OFDM 64QAM     | 3330                    | 622000     | 60       | 1       | 160       | 24.23                 |
| DFT-s-OFDM 64QAM     | 3330                    | 622000     | 60       | 162     | 0         | 24.56                 |
| DFT-s-OFDM 256QAM    | 3330                    | 622000     | 60       | 81      | 40        | 22.63                 |
| DFT-s-OFDM 256QAM    | 3330                    | 622000     | 60       | 1       | 1         | 22.35                 |
| DFT-s-OFDM 256QAM    | 3330                    | 622000     | 60       | 1       | 160       | 22.76                 |
| DFT-s-OFDM 256QAM    | 3330                    | 622000     | 60       | 162     | 0         | 22.68                 |

|                      |      |        |    |     |     |       |
|----------------------|------|--------|----|-----|-----|-------|
| CP-OFDM QPSK         | 3330 | 622000 | 60 | 81  | 40  | 25.67 |
| CP-OFDM QPSK         | 3330 | 622000 | 60 | 1   | 1   | 25.33 |
| CP-OFDM QPSK         | 3330 | 622000 | 60 | 1   | 160 | 25.85 |
| CP-OFDM QPSK         | 3330 | 622000 | 60 | 162 | 0   | 24.21 |
| CP-OFDM 16QAM        | 3330 | 622000 | 60 | 81  | 40  | 25.09 |
| CP-OFDM 16QAM        | 3330 | 622000 | 60 | 1   | 1   | 24.96 |
| CP-OFDM 16QAM        | 3330 | 622000 | 60 | 1   | 160 | 25.29 |
| CP-OFDM 16QAM        | 3330 | 622000 | 60 | 162 | 0   | 24.07 |
| CP-OFDM 64QAM        | 3330 | 622000 | 60 | 81  | 40  | 23.72 |
| CP-OFDM 64QAM        | 3330 | 622000 | 60 | 1   | 1   | 23.02 |
| CP-OFDM 64QAM        | 3330 | 622000 | 60 | 1   | 160 | 23.48 |
| CP-OFDM 64QAM        | 3330 | 622000 | 60 | 162 | 0   | 23.69 |
| CP-OFDM 256QAM       | 3330 | 622000 | 60 | 81  | 40  | 20.65 |
| CP-OFDM 256QAM       | 3330 | 622000 | 60 | 1   | 1   | 20.44 |
| CP-OFDM 256QAM       | 3330 | 622000 | 60 | 1   | 160 | 20.75 |
| CP-OFDM 256QAM       | 3330 | 622000 | 60 | 162 | 0   | 20.73 |
| DFT-s-OFDM PI/2 BPSK | 3750 | 650000 | 60 | 81  | 40  | 27.29 |
| DFT-s-OFDM PI/2 BPSK | 3750 | 650000 | 60 | 1   | 1   | 26.98 |
| DFT-s-OFDM PI/2 BPSK | 3750 | 650000 | 60 | 1   | 160 | 28.77 |
| DFT-s-OFDM PI/2 BPSK | 3750 | 650000 | 60 | 162 | 0   | 27.36 |
| DFT-s-OFDM QPSK      | 3750 | 650000 | 60 | 81  | 40  | 28.37 |
| DFT-s-OFDM QPSK      | 3750 | 650000 | 60 | 1   | 1   | 27.00 |
| DFT-s-OFDM QPSK      | 3750 | 650000 | 60 | 1   | 160 | 28.77 |
| DFT-s-OFDM QPSK      | 3750 | 650000 | 60 | 162 | 0   | 27.36 |
| DFT-s-OFDM 16QAM     | 3750 | 650000 | 60 | 81  | 40  | 27.40 |
| DFT-s-OFDM 16QAM     | 3750 | 650000 | 60 | 1   | 1   | 26.15 |
| DFT-s-OFDM 16QAM     | 3750 | 650000 | 60 | 1   | 160 | 27.84 |
| DFT-s-OFDM 16QAM     | 3750 | 650000 | 60 | 162 | 0   | 26.30 |
| DFT-s-OFDM 64QAM     | 3750 | 650000 | 60 | 81  | 40  | 25.93 |
| DFT-s-OFDM 64QAM     | 3750 | 650000 | 60 | 1   | 1   | 24.19 |
| DFT-s-OFDM 64QAM     | 3750 | 650000 | 60 | 1   | 160 | 26.01 |
| DFT-s-OFDM 64QAM     | 3750 | 650000 | 60 | 162 | 0   | 25.79 |
| DFT-s-OFDM 256QAM    | 3750 | 650000 | 60 | 81  | 40  | 24.02 |
| DFT-s-OFDM 256QAM    | 3750 | 650000 | 60 | 1   | 1   | 22.56 |
| DFT-s-OFDM 256QAM    | 3750 | 650000 | 60 | 1   | 160 | 24.31 |
| DFT-s-OFDM 256QAM    | 3750 | 650000 | 60 | 162 | 0   | 23.91 |
| CP-OFDM QPSK         | 3750 | 650000 | 60 | 81  | 40  | 27.01 |
| CP-OFDM QPSK         | 3750 | 650000 | 60 | 1   | 1   | 25.53 |
| CP-OFDM QPSK         | 3750 | 650000 | 60 | 1   | 160 | 27.38 |
| CP-OFDM QPSK         | 3750 | 650000 | 60 | 162 | 0   | 25.29 |
| CP-OFDM 16QAM        | 3750 | 650000 | 60 | 81  | 40  | 26.42 |
| CP-OFDM 16QAM        | 3750 | 650000 | 60 | 1   | 1   | 25.30 |
| CP-OFDM 16QAM        | 3750 | 650000 | 60 | 1   | 160 | 27.11 |
| CP-OFDM 16QAM        | 3750 | 650000 | 60 | 162 | 0   | 25.33 |
| CP-OFDM 64QAM        | 3750 | 650000 | 60 | 81  | 40  | 25.06 |
| CP-OFDM 64QAM        | 3750 | 650000 | 60 | 1   | 1   | 23.10 |

|                |      |        |    |     |     |       |
|----------------|------|--------|----|-----|-----|-------|
| CP-OFDM 64QAM  | 3750 | 650000 | 60 | 1   | 160 | 24.94 |
| CP-OFDM 64QAM  | 3750 | 650000 | 60 | 162 | 0   | 24.77 |
| CP-OFDM 256QAM | 3750 | 650000 | 60 | 81  | 40  | 21.98 |
| CP-OFDM 256QAM | 3750 | 650000 | 60 | 1   | 1   | 20.58 |
| CP-OFDM 256QAM | 3750 | 650000 | 60 | 1   | 160 | 22.39 |
| CP-OFDM 256QAM | 3750 | 650000 | 60 | 162 | 0   | 21.89 |

| Modulation           | Carrier frequency (MHz) | UL Channel | BW (MHz) | RB Size | RB Offset | Conducted power (dBm) |
|----------------------|-------------------------|------------|----------|---------|-----------|-----------------------|
| DFT-s-OFDM PI/2 BPSK | 3340.02                 | 622668     | 80       | 108     | 54        | 26.13                 |
| DFT-s-OFDM PI/2 BPSK | 3340.02                 | 622668     | 80       | 1       | 1         | 26.85                 |
| DFT-s-OFDM PI/2 BPSK | 3340.02                 | 622668     | 80       | 1       | 215       | 27.42                 |
| DFT-s-OFDM PI/2 BPSK | 3340.02                 | 622668     | 80       | 216     | 0         | 26.17                 |
| DFT-s-OFDM QPSK      | 3340.02                 | 622668     | 80       | 108     | 54        | 27.05                 |
| DFT-s-OFDM QPSK      | 3340.02                 | 622668     | 80       | 1       | 1         | 26.81                 |
| DFT-s-OFDM QPSK      | 3340.02                 | 622668     | 80       | 1       | 215       | 27.33                 |
| DFT-s-OFDM QPSK      | 3340.02                 | 622668     | 80       | 216     | 0         | 26.17                 |
| DFT-s-OFDM 16QAM     | 3340.02                 | 622668     | 80       | 108     | 54        | 26.12                 |
| DFT-s-OFDM 16QAM     | 3340.02                 | 622668     | 80       | 1       | 1         | 25.61                 |
| DFT-s-OFDM 16QAM     | 3340.02                 | 622668     | 80       | 1       | 215       | 26.37                 |
| DFT-s-OFDM 16QAM     | 3340.02                 | 622668     | 80       | 216     | 0         | 25.13                 |
| DFT-s-OFDM 64QAM     | 3340.02                 | 622668     | 80       | 108     | 54        | 24.57                 |
| DFT-s-OFDM 64QAM     | 3340.02                 | 622668     | 80       | 1       | 1         | 23.80                 |
| DFT-s-OFDM 64QAM     | 3340.02                 | 622668     | 80       | 1       | 215       | 24.54                 |
| DFT-s-OFDM 64QAM     | 3340.02                 | 622668     | 80       | 216     | 0         | 24.58                 |
| DFT-s-OFDM 256QAM    | 3340.02                 | 622668     | 80       | 108     | 54        | 22.62                 |
| DFT-s-OFDM 256QAM    | 3340.02                 | 622668     | 80       | 1       | 1         | 22.54                 |
| DFT-s-OFDM 256QAM    | 3340.02                 | 622668     | 80       | 1       | 215       | 22.83                 |
| DFT-s-OFDM 256QAM    | 3340.02                 | 622668     | 80       | 216     | 0         | 22.68                 |
| CP-OFDM QPSK         | 3340.02                 | 622668     | 80       | 109     | 54        | 25.55                 |
| CP-OFDM QPSK         | 3340.02                 | 622668     | 80       | 1       | 1         | 25.10                 |
| CP-OFDM QPSK         | 3340.02                 | 622668     | 80       | 1       | 215       | 25.98                 |
| CP-OFDM QPSK         | 3340.02                 | 622668     | 80       | 217     | 0         | 24.11                 |
| CP-OFDM 16QAM        | 3340.02                 | 622668     | 80       | 109     | 54        | 25.00                 |
| CP-OFDM 16QAM        | 3340.02                 | 622668     | 80       | 1       | 1         | 24.86                 |
| CP-OFDM 16QAM        | 3340.02                 | 622668     | 80       | 1       | 215       | 25.69                 |
| CP-OFDM 16QAM        | 3340.02                 | 622668     | 80       | 217     | 0         | 24.21                 |
| CP-OFDM 64QAM        | 3340.02                 | 622668     | 80       | 109     | 54        | 23.50                 |
| CP-OFDM 64QAM        | 3340.02                 | 622668     | 80       | 1       | 1         | 22.83                 |
| CP-OFDM 64QAM        | 3340.02                 | 622668     | 80       | 1       | 215       | 23.56                 |
| CP-OFDM 64QAM        | 3340.02                 | 622668     | 80       | 217     | 0         | 23.71                 |
| CP-OFDM 256QAM       | 3340.02                 | 622668     | 80       | 109     | 54        | 20.62                 |
| CP-OFDM 256QAM       | 3340.02                 | 622668     | 80       | 1       | 1         | 20.40                 |
| CP-OFDM 256QAM       | 3340.02                 | 622668     | 80       | 1       | 215       | 20.88                 |
| CP-OFDM 256QAM       | 3340.02                 | 622668     | 80       | 217     | 0         | 20.68                 |
| DFT-s-OFDM PI/2 BPSK | 3750                    | 650000     | 80       | 108     | 54        | 27.20                 |

|                      |      |        |    |     |     |       |
|----------------------|------|--------|----|-----|-----|-------|
| DFT-s-OFDM PI/2 BPSK | 3750 | 650000 | 80 | 1   | 1   | 28.12 |
| DFT-s-OFDM PI/2 BPSK | 3750 | 650000 | 80 | 1   | 215 | 28.02 |
| DFT-s-OFDM PI/2 BPSK | 3750 | 650000 | 80 | 216 | 0   | 27.25 |
| DFT-s-OFDM QPSK      | 3750 | 650000 | 80 | 108 | 54  | 28.33 |
| DFT-s-OFDM QPSK      | 3750 | 650000 | 80 | 1   | 1   | 28.04 |
| DFT-s-OFDM QPSK      | 3750 | 650000 | 80 | 1   | 215 | 28.02 |
| DFT-s-OFDM QPSK      | 3750 | 650000 | 80 | 216 | 0   | 27.24 |
| DFT-s-OFDM 16QAM     | 3750 | 650000 | 80 | 108 | 54  | 27.41 |
| DFT-s-OFDM 16QAM     | 3750 | 650000 | 80 | 1   | 1   | 27.19 |
| DFT-s-OFDM 16QAM     | 3750 | 650000 | 80 | 1   | 215 | 27.00 |
| DFT-s-OFDM 16QAM     | 3750 | 650000 | 80 | 216 | 0   | 26.12 |
| DFT-s-OFDM 64QAM     | 3750 | 650000 | 80 | 108 | 54  | 25.90 |
| DFT-s-OFDM 64QAM     | 3750 | 650000 | 80 | 1   | 1   | 25.21 |
| DFT-s-OFDM 64QAM     | 3750 | 650000 | 80 | 1   | 215 | 25.15 |
| DFT-s-OFDM 64QAM     | 3750 | 650000 | 80 | 216 | 0   | 25.73 |
| DFT-s-OFDM 256QAM    | 3750 | 650000 | 80 | 108 | 54  | 25.72 |
| DFT-s-OFDM 256QAM    | 3750 | 650000 | 80 | 1   | 1   | 23.43 |
| DFT-s-OFDM 256QAM    | 3750 | 650000 | 80 | 1   | 215 | 23.36 |
| DFT-s-OFDM 256QAM    | 3750 | 650000 | 80 | 216 | 0   | 23.72 |
| CP-OFDM QPSK         | 3750 | 650000 | 80 | 109 | 54  | 26.77 |
| CP-OFDM QPSK         | 3750 | 650000 | 80 | 1   | 1   | 26.60 |
| CP-OFDM QPSK         | 3750 | 650000 | 80 | 1   | 215 | 26.43 |
| CP-OFDM QPSK         | 3750 | 650000 | 80 | 217 | 0   | 25.10 |
| CP-OFDM 16QAM        | 3750 | 650000 | 80 | 109 | 54  | 26.40 |
| CP-OFDM 16QAM        | 3750 | 650000 | 80 | 1   | 1   | 26.37 |
| CP-OFDM 16QAM        | 3750 | 650000 | 80 | 1   | 215 | 26.23 |
| CP-OFDM 16QAM        | 3750 | 650000 | 80 | 217 | 0   | 25.11 |
| CP-OFDM 64QAM        | 3750 | 650000 | 80 | 109 | 54  | 24.90 |
| CP-OFDM 64QAM        | 3750 | 650000 | 80 | 1   | 1   | 24.18 |
| CP-OFDM 64QAM        | 3750 | 650000 | 80 | 1   | 215 | 24.14 |
| CP-OFDM 64QAM        | 3750 | 650000 | 80 | 217 | 0   | 24.79 |
| CP-OFDM 256QAM       | 3750 | 650000 | 80 | 109 | 54  | 21.89 |
| CP-OFDM 256QAM       | 3750 | 650000 | 80 | 1   | 1   | 21.59 |
| CP-OFDM 256QAM       | 3750 | 650000 | 80 | 1   | 215 | 21.33 |
| CP-OFDM 256QAM       | 3750 | 650000 | 80 | 217 | 0   | 21.82 |

| Modulation           | Carrier frequency (MHz) | UL Channel | BW (MHz) | RB Size | RB Offset | Conducted power (dBm) |
|----------------------|-------------------------|------------|----------|---------|-----------|-----------------------|
| DFT-s-OFDM PI/2 BPSK | 3350.01                 | 623334     | 100      | 135     | 67        | 25.72                 |
| DFT-s-OFDM PI/2 BPSK | 3350.01                 | 623334     | 100      | 1       | 1         | 26.50                 |
| DFT-s-OFDM PI/2 BPSK | 3350.01                 | 623334     | 100      | 1       | 271       | 26.60                 |
| DFT-s-OFDM PI/2 BPSK | 3350.01                 | 623334     | 100      | 270     | 0         | 25.73                 |
| DFT-s-OFDM QPSK      | 3350.01                 | 623334     | 100      | 135     | 67        | 26.77                 |
| DFT-s-OFDM QPSK      | 3350.01                 | 623334     | 100      | 1       | 1         | 26.56                 |
| DFT-s-OFDM QPSK      | 3350.01                 | 623334     | 100      | 1       | 271       | 26.53                 |
| DFT-s-OFDM QPSK      | 3350.01                 | 623334     | 100      | 270     | 0         | 25.75                 |

|                      |         |        |     |     |     |       |
|----------------------|---------|--------|-----|-----|-----|-------|
| DFT-s-OFDM 16QAM     | 3350.01 | 623334 | 100 | 135 | 67  | 25.74 |
| DFT-s-OFDM 16QAM     | 3350.01 | 623334 | 100 | 1   | 1   | 25.65 |
| DFT-s-OFDM 16QAM     | 3350.01 | 623334 | 100 | 1   | 271 | 25.50 |
| DFT-s-OFDM 16QAM     | 3350.01 | 623334 | 100 | 270 | 0   | 24.86 |
| DFT-s-OFDM 64QAM     | 3350.01 | 623334 | 100 | 135 | 67  | 24.16 |
| DFT-s-OFDM 64QAM     | 3350.01 | 623334 | 100 | 1   | 1   | 23.71 |
| DFT-s-OFDM 64QAM     | 3350.01 | 623334 | 100 | 1   | 271 | 23.71 |
| DFT-s-OFDM 64QAM     | 3350.01 | 623334 | 100 | 270 | 0   | 24.24 |
| DFT-s-OFDM 256QAM    | 3350.01 | 623334 | 100 | 135 | 67  | 22.32 |
| DFT-s-OFDM 256QAM    | 3350.01 | 623334 | 100 | 1   | 1   | 21.92 |
| DFT-s-OFDM 256QAM    | 3350.01 | 623334 | 100 | 1   | 271 | 21.91 |
| DFT-s-OFDM 256QAM    | 3350.01 | 623334 | 100 | 270 | 0   | 22.31 |
| CP-OFDM QPSK         | 3350.01 | 623334 | 100 | 137 | 68  | 25.19 |
| CP-OFDM QPSK         | 3350.01 | 623334 | 100 | 1   | 1   | 25.12 |
| CP-OFDM QPSK         | 3350.01 | 623334 | 100 | 1   | 271 | 25.15 |
| CP-OFDM QPSK         | 3350.01 | 623334 | 100 | 273 | 0   | 23.78 |
| CP-OFDM 16QAM        | 3350.01 | 623334 | 100 | 137 | 68  | 24.73 |
| CP-OFDM 16QAM        | 3350.01 | 623334 | 100 | 1   | 1   | 24.46 |
| CP-OFDM 16QAM        | 3350.01 | 623334 | 100 | 1   | 271 | 24.47 |
| CP-OFDM 16QAM        | 3350.01 | 623334 | 100 | 273 | 0   | 23.67 |
| CP-OFDM 64QAM        | 3350.01 | 623334 | 100 | 137 | 68  | 23.27 |
| CP-OFDM 64QAM        | 3350.01 | 623334 | 100 | 1   | 1   | 22.55 |
| CP-OFDM 64QAM        | 3350.01 | 623334 | 100 | 1   | 271 | 22.63 |
| CP-OFDM 64QAM        | 3350.01 | 623334 | 100 | 273 | 0   | 23.25 |
| CP-OFDM 256QAM       | 3350.01 | 623334 | 100 | 137 | 68  | 20.28 |
| CP-OFDM 256QAM       | 3350.01 | 623334 | 100 | 1   | 1   | 20.04 |
| CP-OFDM 256QAM       | 3350.01 | 623334 | 100 | 1   | 271 | 19.97 |
| CP-OFDM 256QAM       | 3350.01 | 623334 | 100 | 273 | 0   | 20.31 |
| DFT-s-OFDM PI/2 BPSK | 3750    | 650000 | 100 | 135 | 67  | 27.22 |
| DFT-s-OFDM PI/2 BPSK | 3750    | 650000 | 100 | 1   | 1   | 27.80 |
| DFT-s-OFDM PI/2 BPSK | 3750    | 650000 | 100 | 1   | 271 | 28.92 |
| DFT-s-OFDM PI/2 BPSK | 3750    | 650000 | 100 | 270 | 0   | 27.25 |
| DFT-s-OFDM QPSK      | 3750    | 650000 | 100 | 135 | 67  | 28.22 |
| DFT-s-OFDM QPSK      | 3750    | 650000 | 100 | 1   | 1   | 27.81 |
| DFT-s-OFDM QPSK      | 3750    | 650000 | 100 | 1   | 271 | 28.91 |
| DFT-s-OFDM QPSK      | 3750    | 650000 | 100 | 270 | 0   | 27.27 |
| DFT-s-OFDM 16QAM     | 3750    | 650000 | 100 | 135 | 67  | 27.25 |
| DFT-s-OFDM 16QAM     | 3750    | 650000 | 100 | 1   | 1   | 26.89 |
| DFT-s-OFDM 16QAM     | 3750    | 650000 | 100 | 1   | 271 | 28.03 |
| DFT-s-OFDM 16QAM     | 3750    | 650000 | 100 | 270 | 0   | 26.17 |
| DFT-s-OFDM 64QAM     | 3750    | 650000 | 100 | 135 | 67  | 25.79 |
| DFT-s-OFDM 64QAM     | 3750    | 650000 | 100 | 1   | 1   | 24.94 |
| DFT-s-OFDM 64QAM     | 3750    | 650000 | 100 | 1   | 271 | 26.05 |
| DFT-s-OFDM 64QAM     | 3750    | 650000 | 100 | 270 | 0   | 25.74 |
| DFT-s-OFDM 256QAM    | 3750    | 650000 | 100 | 135 | 67  | 23.76 |
| DFT-s-OFDM 256QAM    | 3750    | 650000 | 100 | 1   | 1   | 23.17 |

|                   |      |        |     |     |     |       |
|-------------------|------|--------|-----|-----|-----|-------|
| DFT-s-OFDM 256QAM | 3750 | 650000 | 100 | 1   | 271 | 24.20 |
| DFT-s-OFDM 256QAM | 3750 | 650000 | 100 | 270 | 0   | 23.66 |
| CP-OFDM QPSK      | 3750 | 650000 | 100 | 137 | 68  | 26.71 |
| CP-OFDM QPSK      | 3750 | 650000 | 100 | 1   | 1   | 26.28 |
| CP-OFDM QPSK      | 3750 | 650000 | 100 | 1   | 271 | 27.45 |
| CP-OFDM QPSK      | 3750 | 650000 | 100 | 273 | 0   | 25.18 |
| CP-OFDM 16QAM     | 3750 | 650000 | 100 | 137 | 68  | 26.30 |
| CP-OFDM 16QAM     | 3750 | 650000 | 100 | 1   | 1   | 25.87 |
| CP-OFDM 16QAM     | 3750 | 650000 | 100 | 1   | 271 | 26.89 |
| CP-OFDM 16QAM     | 3750 | 650000 | 100 | 273 | 0   | 25.15 |
| CP-OFDM 64QAM     | 3750 | 650000 | 100 | 137 | 68  | 24.81 |
| CP-OFDM 64QAM     | 3750 | 650000 | 100 | 1   | 1   | 23.92 |
| CP-OFDM 64QAM     | 3750 | 650000 | 100 | 1   | 271 | 25.02 |
| CP-OFDM 64QAM     | 3750 | 650000 | 100 | 273 | 0   | 24.71 |
| CP-OFDM 256QAM    | 3750 | 650000 | 100 | 137 | 68  | 21.84 |
| CP-OFDM 256QAM    | 3750 | 650000 | 100 | 1   | 1   | 21.28 |
| CP-OFDM 256QAM    | 3750 | 650000 | 100 | 1   | 271 | 22.40 |
| CP-OFDM 256QAM    | 3750 | 650000 | 100 | 273 | 0   | 21.88 |

## 2 Occupied Bandwidth

| Modulation     | Carrier frequency (MHz) | UL Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of 99% Power (MHz) |        |
|----------------|-------------------------|------------|----------|---------|-----------|------------------------------|--------|
| CP-OFDM QPSK   | 3315                    | 621000     | 30       | 78      | 0         | 27.860                       | Fig.1  |
| CP-OFDM 16QAM  | 3315                    | 621000     | 30       | 78      | 0         | 27.870                       | Fig.2  |
| CP-OFDM 64QAM  | 3315                    | 621000     | 30       | 78      | 0         | 27.820                       | Fig.3  |
| CP-OFDM 256QAM | 3315                    | 621000     | 30       | 78      | 0         | 27.850                       | Fig.4  |
| CP-OFDM QPSK   | 3750                    | 650000     | 30       | 78      | 0         | 27.920                       | Fig.5  |
| CP-OFDM 16QAM  | 3750                    | 650000     | 30       | 78      | 0         | 27.880                       | Fig.6  |
| CP-OFDM 64QAM  | 3750                    | 650000     | 30       | 78      | 0         | 27.900                       | Fig.7  |
| CP-OFDM 256QAM | 3750                    | 650000     | 30       | 78      | 0         | 27.920                       | Fig.8  |
| CP-OFDM QPSK   | 4185                    | 679000     | 30       | 78      | 0         | 27.820                       | Fig.9  |
| CP-OFDM 16QAM  | 4185                    | 679000     | 30       | 78      | 0         | 27.850                       | Fig.10 |
| CP-OFDM 64QAM  | 4185                    | 679000     | 30       | 78      | 0         | 27.850                       | Fig.11 |
| CP-OFDM 256QAM | 4185                    | 679000     | 30       | 78      | 0         | 27.870                       | Fig.12 |
| CP-OFDM QPSK   | 3320.01                 | 621334     | 40       | 106     | 0         | 38.270                       | Fig.13 |
| CP-OFDM 16QAM  | 3320.01                 | 621334     | 40       | 106     | 0         | 38.230                       | Fig.14 |
| CP-OFDM 64QAM  | 3320.01                 | 621334     | 40       | 106     | 0         | 38.270                       | Fig.15 |
| CP-OFDM 256QAM | 3320.01                 | 621334     | 40       | 106     | 0         | 38.260                       | Fig.16 |
| CP-OFDM QPSK   | 3750                    | 650000     | 40       | 106     | 0         | 38.270                       | Fig.17 |
| CP-OFDM 16QAM  | 3750                    | 650000     | 40       | 106     | 0         | 38.210                       | Fig.18 |
| CP-OFDM 64QAM  | 3750                    | 650000     | 40       | 106     | 0         | 38.270                       | Fig.19 |
| CP-OFDM 256QAM | 3750                    | 650000     | 40       | 106     | 0         | 38.290                       | Fig.20 |
| CP-OFDM QPSK   | 4179.99                 | 678666     | 40       | 106     | 0         | 38.200                       | Fig.21 |
| CP-OFDM 16QAM  | 4179.99                 | 678666     | 40       | 106     | 0         | 38.150                       | Fig.22 |
| CP-OFDM 64QAM  | 4179.99                 | 678666     | 40       | 106     | 0         | 38.150                       | Fig.23 |
| CP-OFDM 256QAM | 4179.99                 | 678666     | 40       | 106     | 0         | 38.160                       | Fig.24 |
| CP-OFDM QPSK   | 3330                    | 622000     | 60       | 162     | 0         | 58.200                       | Fig.25 |
| CP-OFDM 16QAM  | 3330                    | 622000     | 60       | 162     | 0         | 58.270                       | Fig.26 |
| CP-OFDM 64QAM  | 3330                    | 622000     | 60       | 162     | 0         | 58.210                       | Fig.27 |
| CP-OFDM 256QAM | 3330                    | 622000     | 60       | 162     | 0         | 58.190                       | Fig.28 |
| CP-OFDM QPSK   | 3750                    | 650000     | 60       | 162     | 0         | 58.040                       | Fig.29 |
| CP-OFDM 16QAM  | 3750                    | 650000     | 60       | 162     | 0         | 58.100                       | Fig.30 |
| CP-OFDM 64QAM  | 3750                    | 650000     | 60       | 162     | 0         | 58.050                       | Fig.31 |
| CP-OFDM 256QAM | 3750                    | 650000     | 60       | 162     | 0         | 58.040                       | Fig.32 |
| CP-OFDM QPSK   | 4170                    | 678000     | 60       | 162     | 0         | 58.050                       | Fig.33 |
| CP-OFDM 16QAM  | 4170                    | 678000     | 60       | 162     | 0         | 58.090                       | Fig.34 |
| CP-OFDM 64QAM  | 4170                    | 678000     | 60       | 162     | 0         | 58.070                       | Fig.35 |
| CP-OFDM 256QAM | 4170                    | 678000     | 60       | 162     | 0         | 58.070                       | Fig.36 |
| CP-OFDM QPSK   | 3350.01                 | 623334     | 100      | 273     | 0         | 97.740                       | Fig.37 |
| CP-OFDM 16QAM  | 3350.01                 | 623334     | 100      | 273     | 0         | 97.720                       | Fig.38 |
| CP-OFDM 64QAM  | 3350.01                 | 623334     | 100      | 273     | 0         | 97.660                       | Fig.39 |
| CP-OFDM 256QAM | 3350.01                 | 623334     | 100      | 273     | 0         | 97.840                       | Fig.40 |
| CP-OFDM QPSK   | 3750                    | 650000     | 100      | 273     | 0         | 97.450                       | Fig.41 |
| CP-OFDM 16QAM  | 3750                    | 650000     | 100      | 273     | 0         | 97.510                       | Fig.42 |
| CP-OFDM 64QAM  | 3750                    | 650000     | 100      | 273     | 0         | 97.430                       | Fig.43 |

|                |         |        |     |     |   |        |        |
|----------------|---------|--------|-----|-----|---|--------|--------|
| CP-OFDM 256QAM | 3750    | 650000 | 100 | 273 | 0 | 97.650 | Fig.44 |
| CP-OFDM QPSK   | 4149.99 | 676666 | 100 | 273 | 0 | 97.510 | Fig.45 |
| CP-OFDM 16QAM  | 4149.99 | 676666 | 100 | 273 | 0 | 97.590 | Fig.46 |
| CP-OFDM 64QAM  | 4149.99 | 676666 | 100 | 273 | 0 | 97.410 | Fig.47 |
| CP-OFDM 256QAM | 4149.99 | 676666 | 100 | 273 | 0 | 97.680 | Fig.48 |

Test Plot:

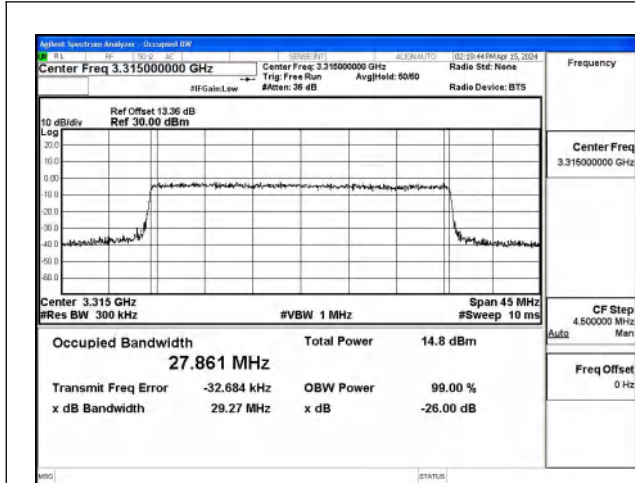


Fig.1

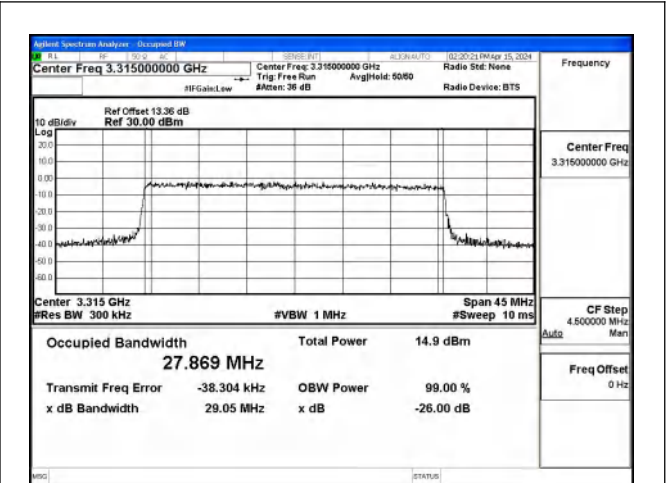


Fig.2

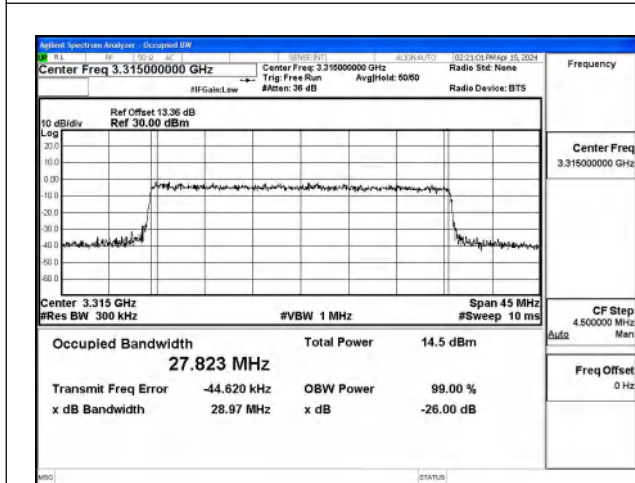


Fig.3

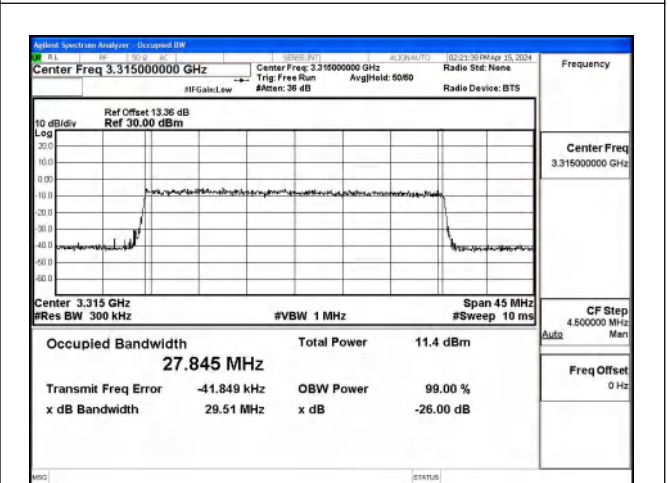


Fig.4

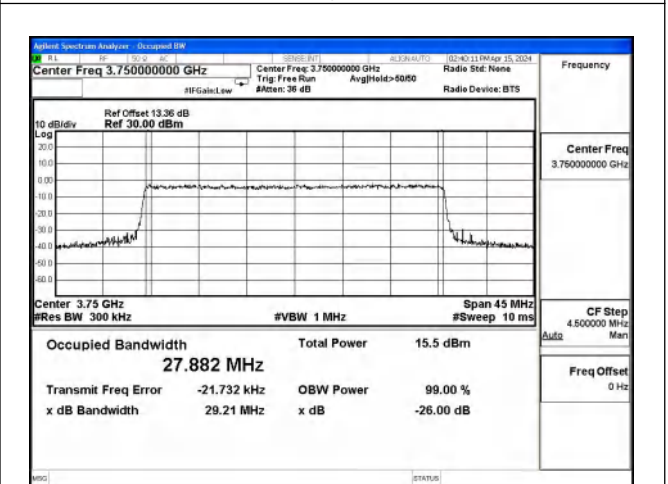
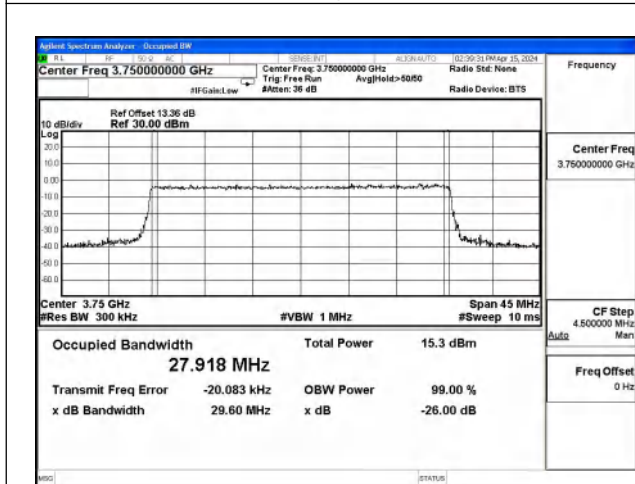


Fig.5

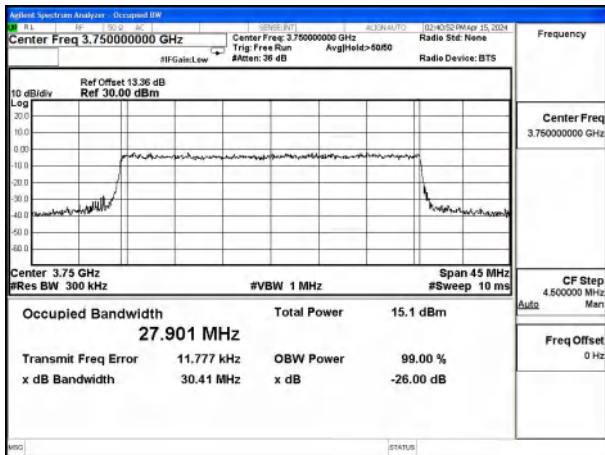


Fig.6

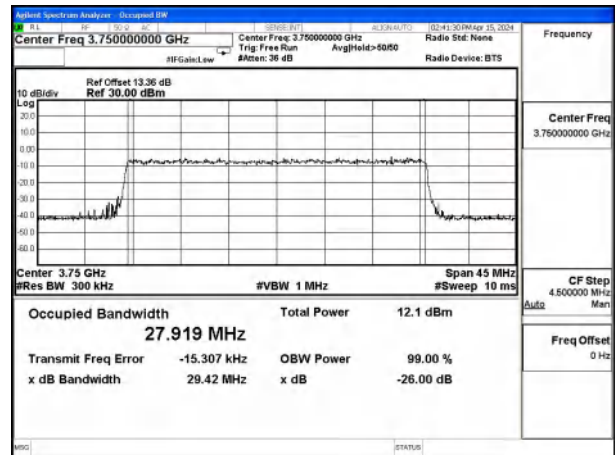


Fig.7

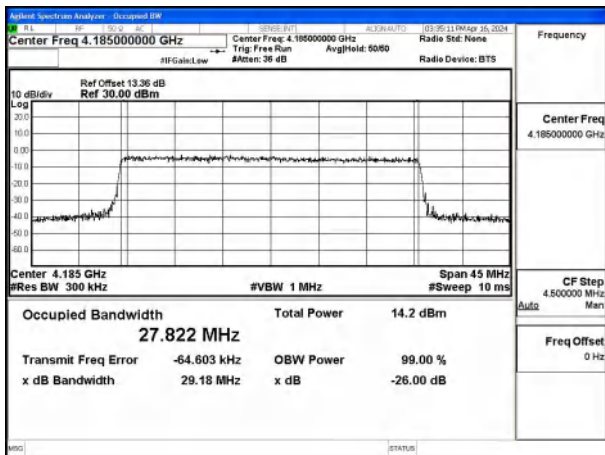


Fig.8

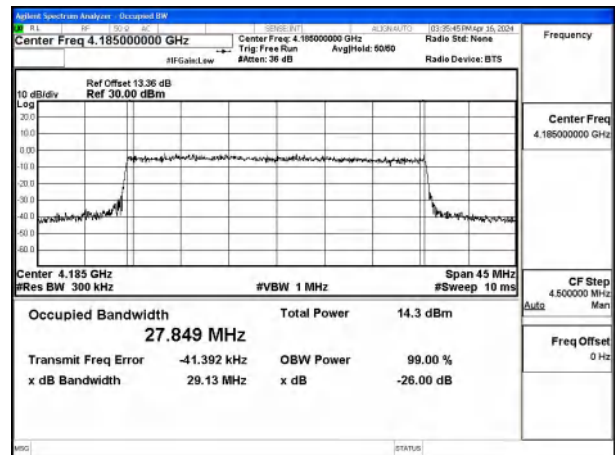


Fig.9

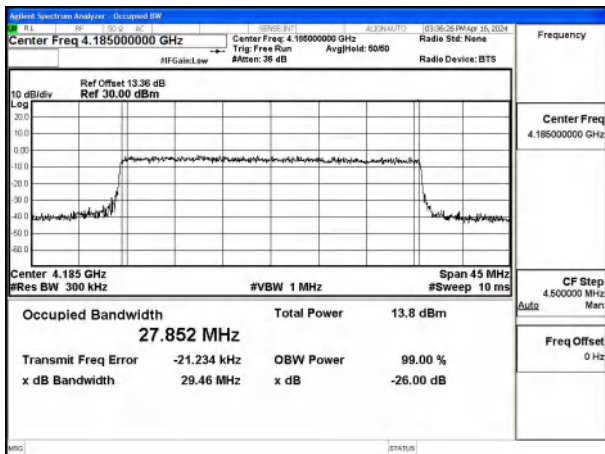


Fig.10

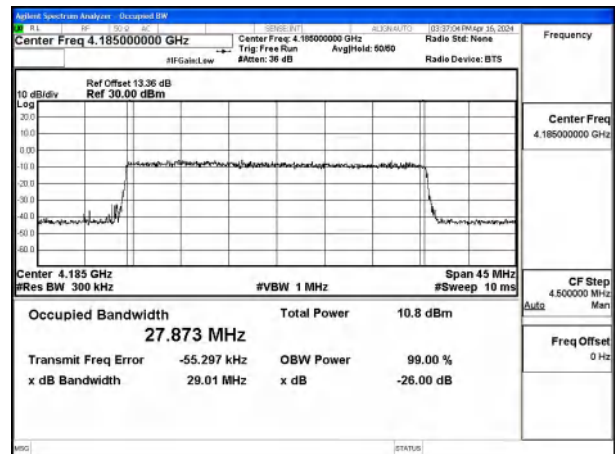


Fig.11

Fig.12

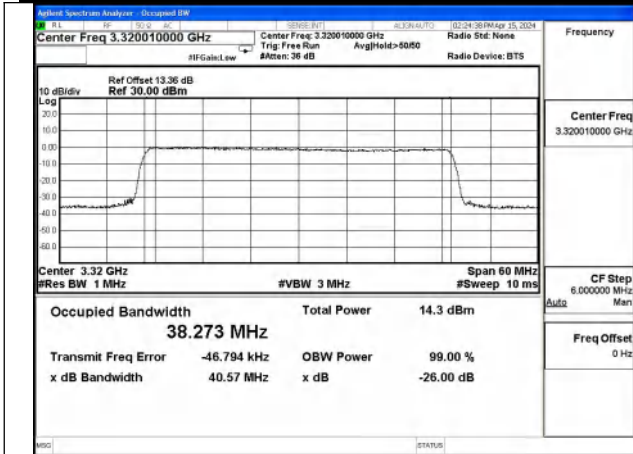


Fig.13

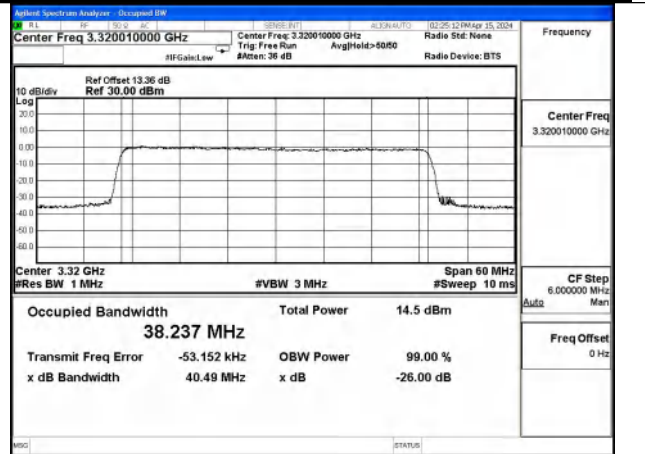


Fig.14

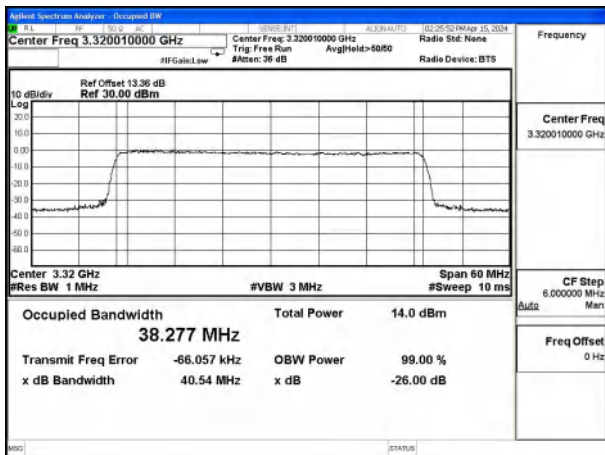


Fig.15

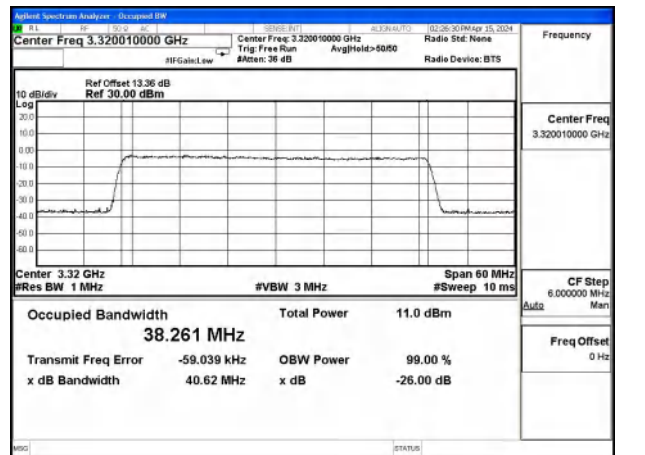


Fig.16

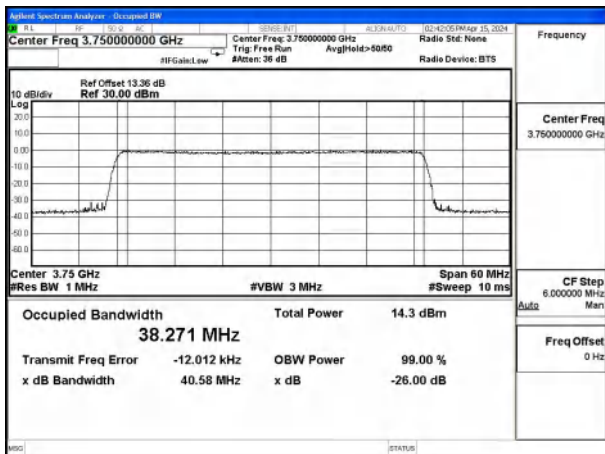


Fig.17

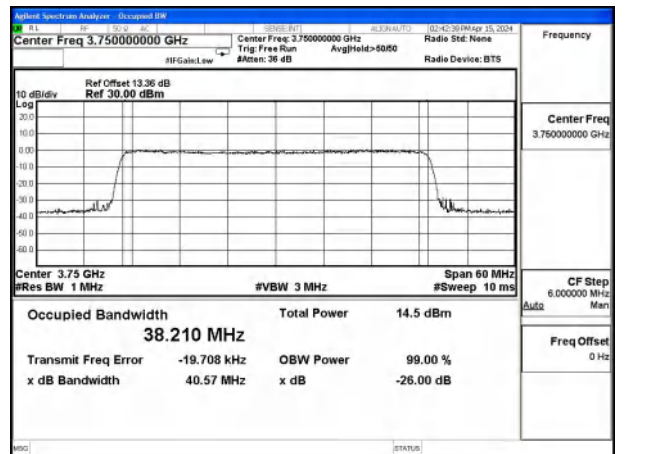


Fig.18

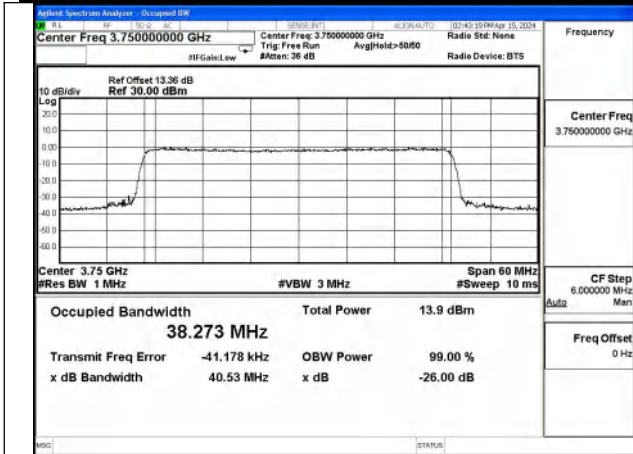


Fig.19

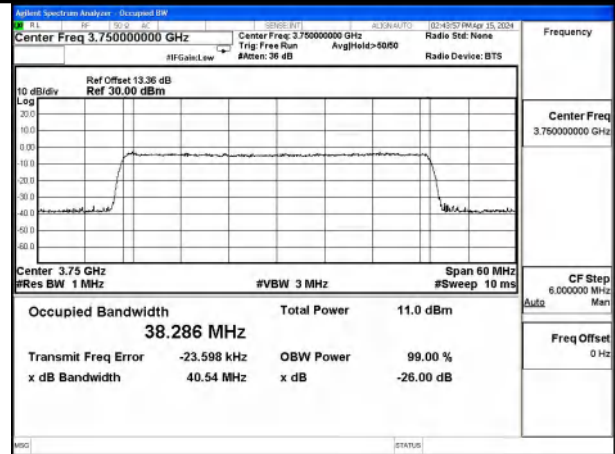


Fig.20

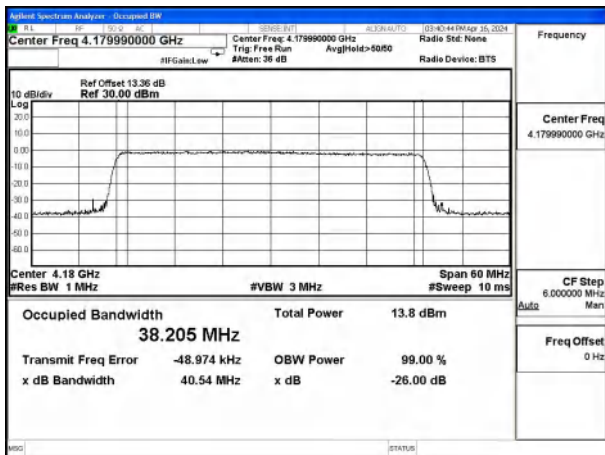


Fig.21

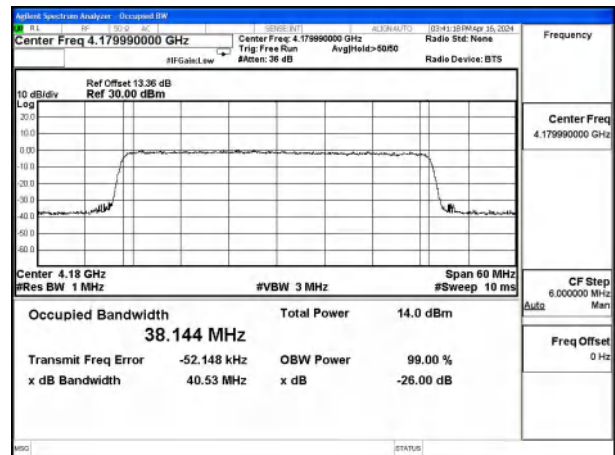


Fig.22

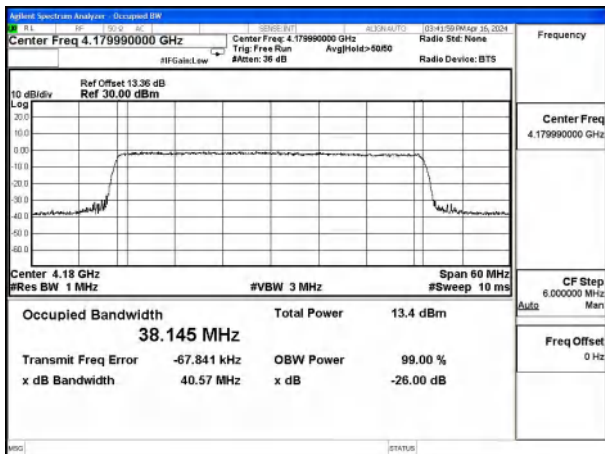


Fig.23

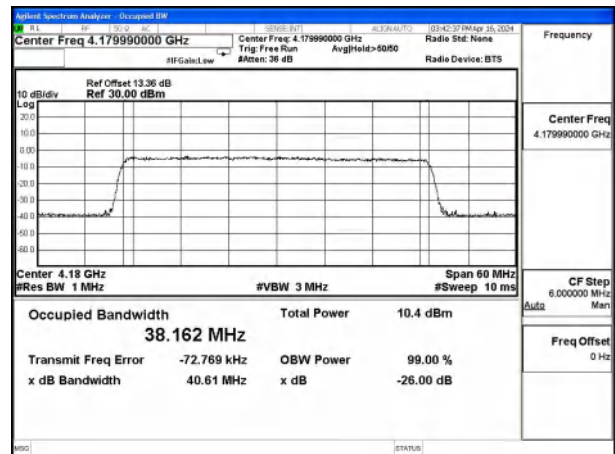


Fig.24

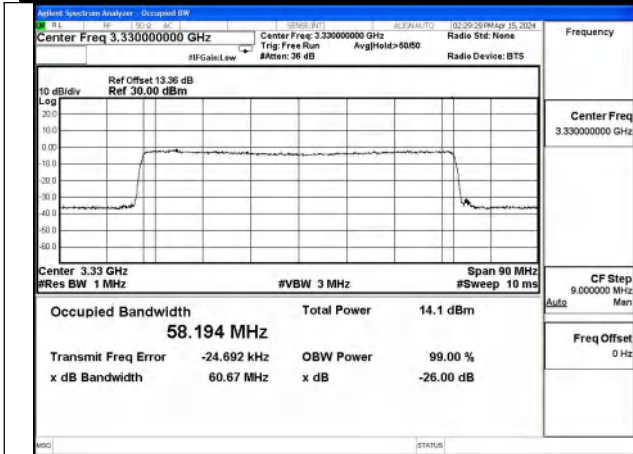


Fig.25

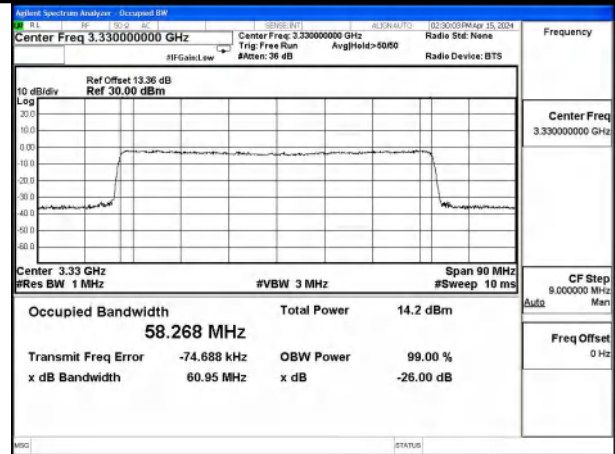


Fig.26

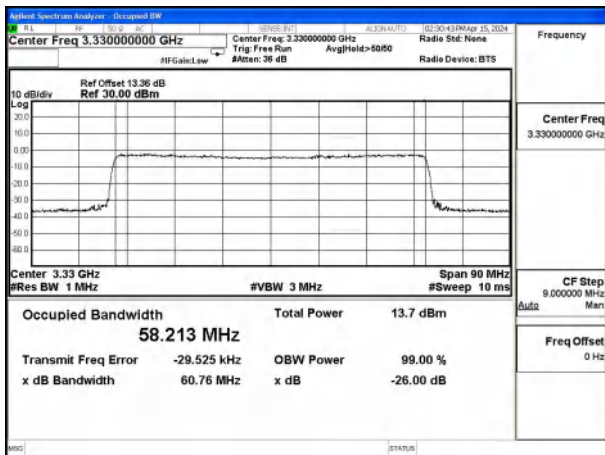


Fig.27

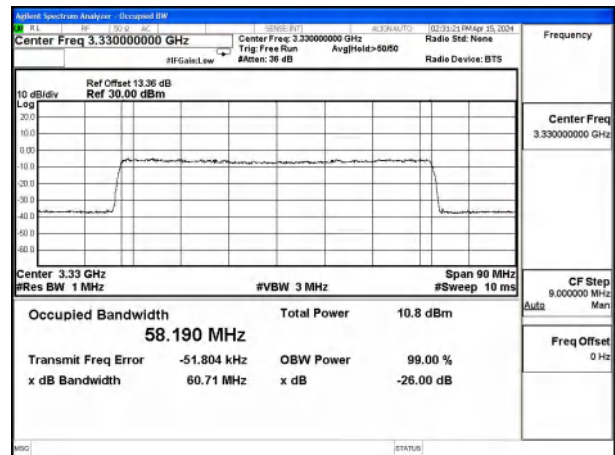


Fig.28

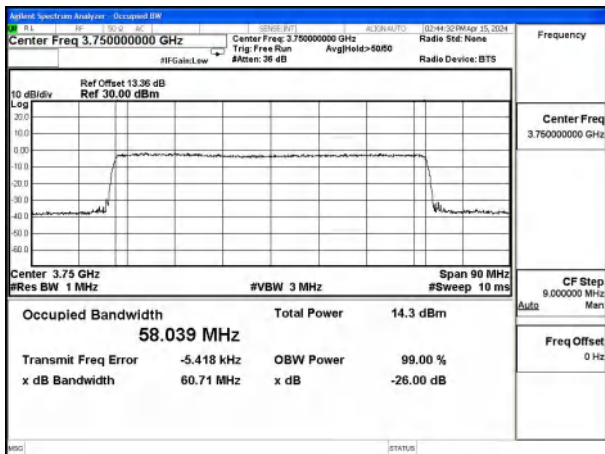


Fig.29

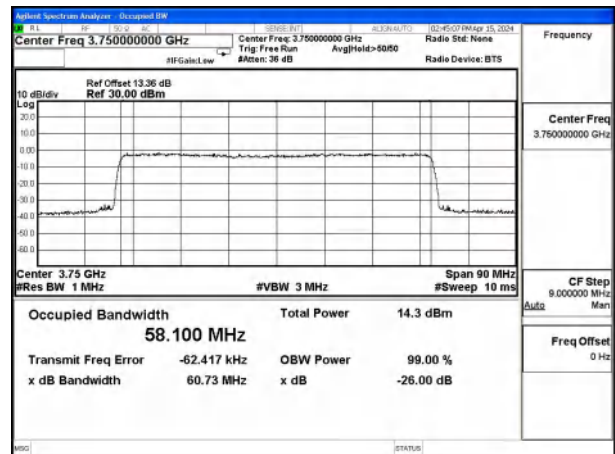


Fig.30

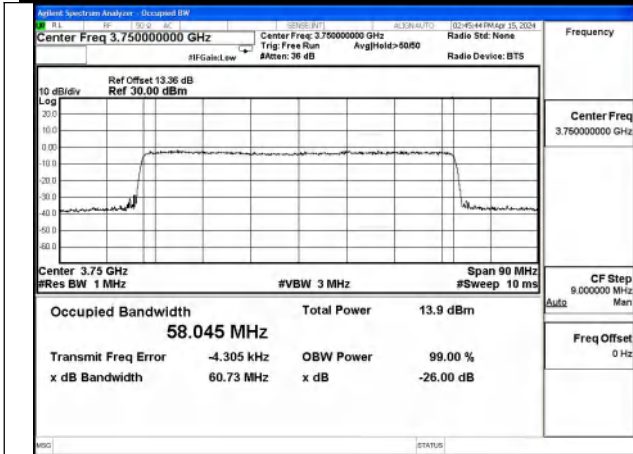


Fig.31

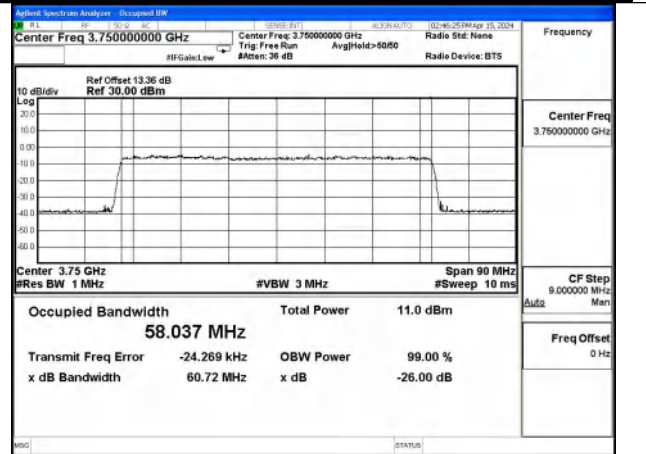


Fig.32

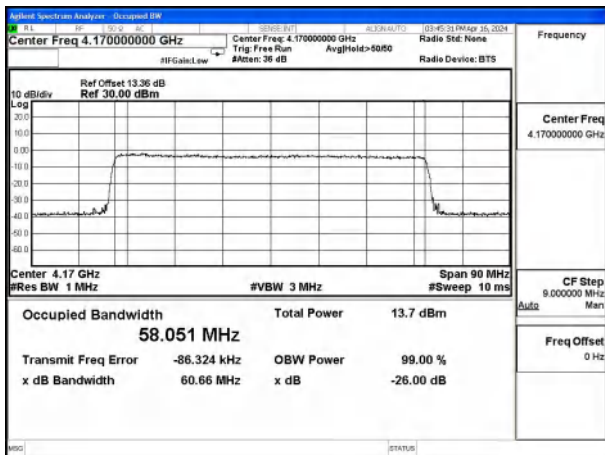


Fig.33

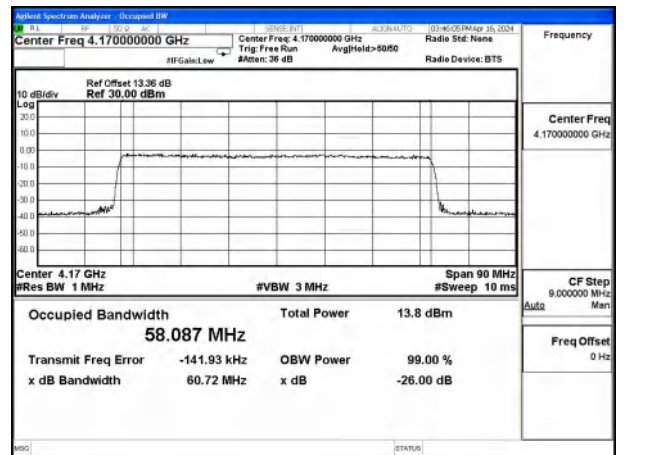


Fig.34

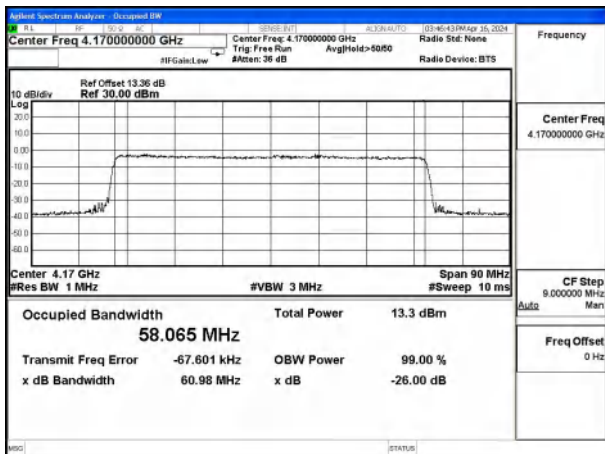


Fig.35

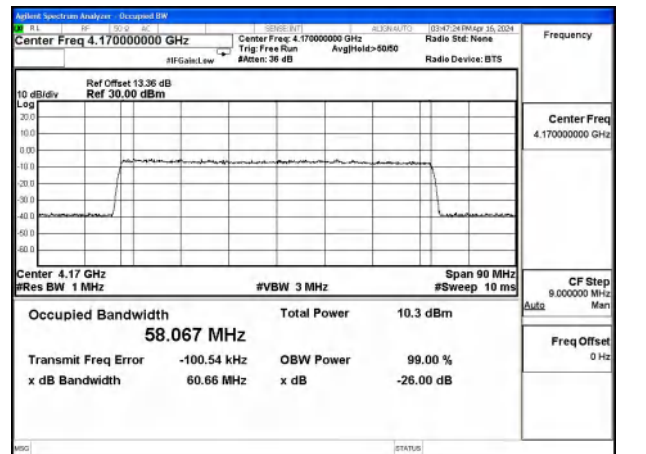


Fig.36

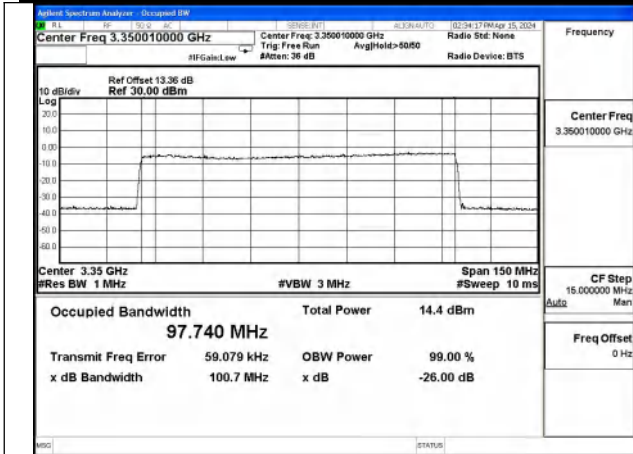


Fig.37

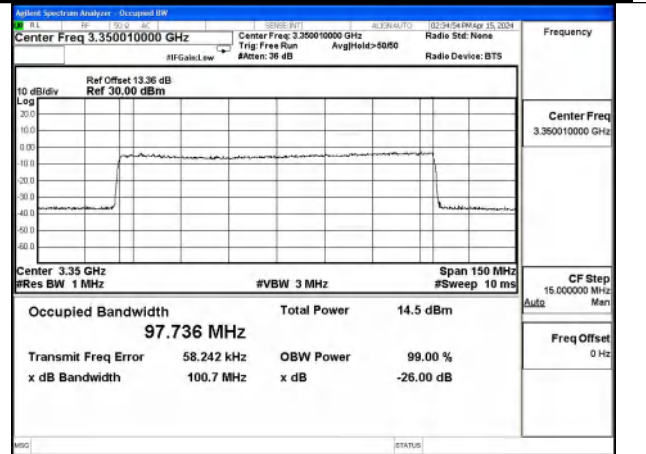


Fig.38

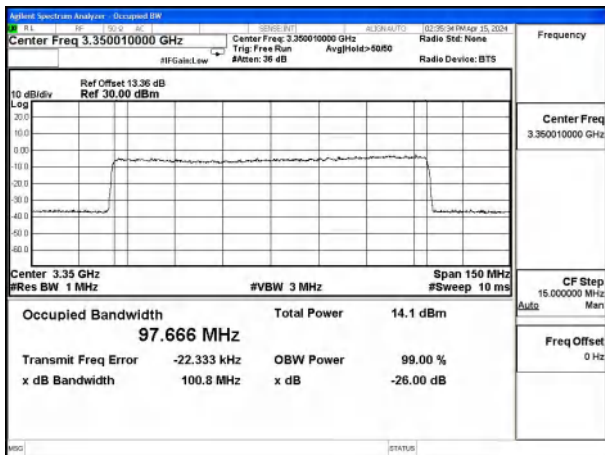


Fig.39

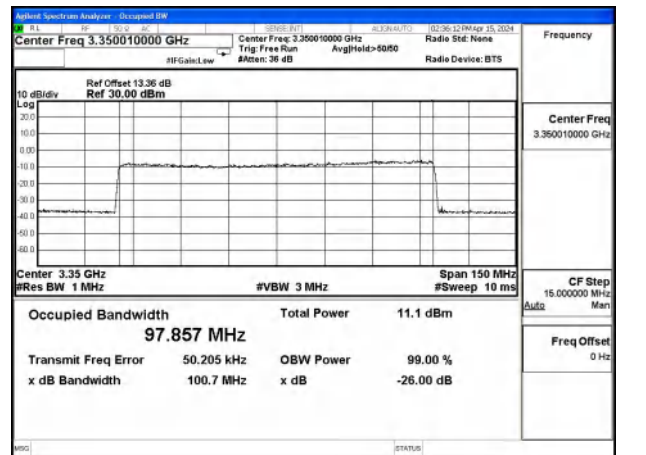


Fig.40

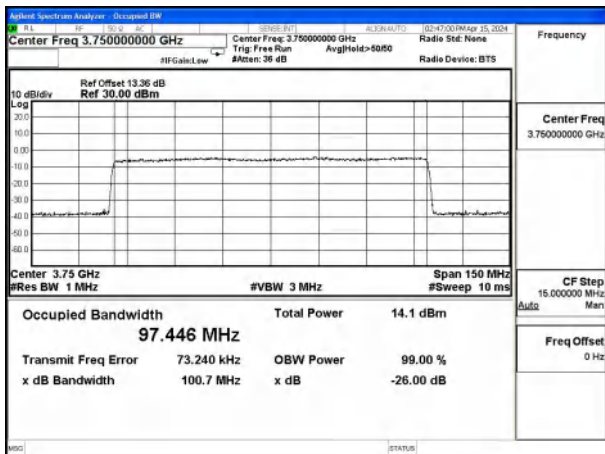


Fig.41

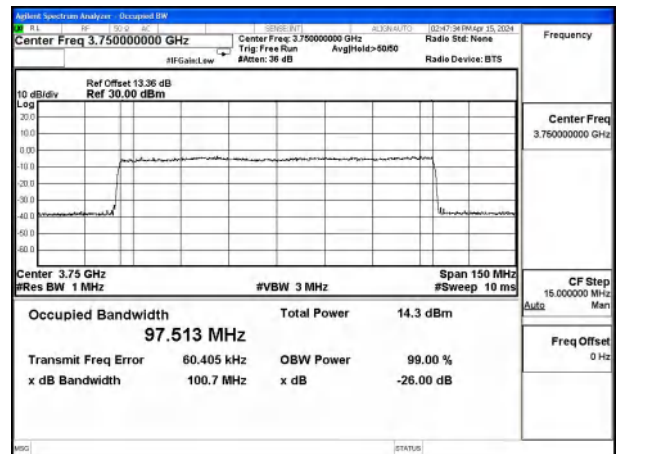


Fig.42

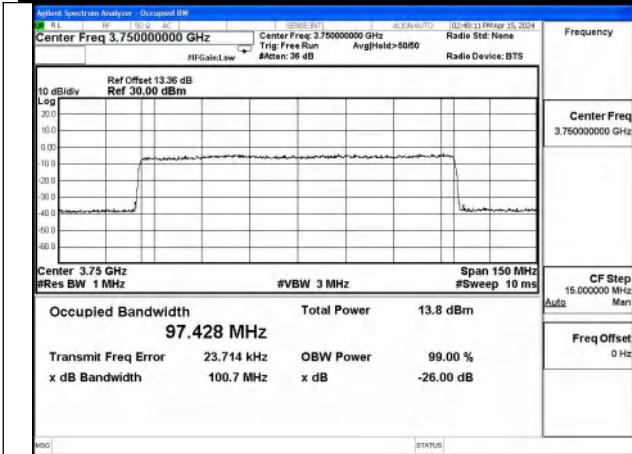


Fig.43

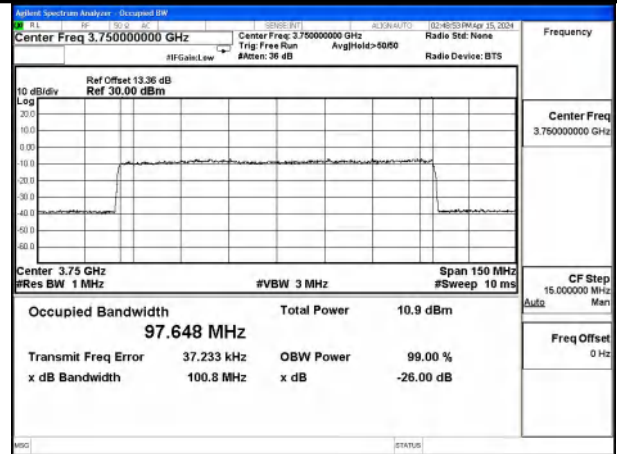


Fig.44

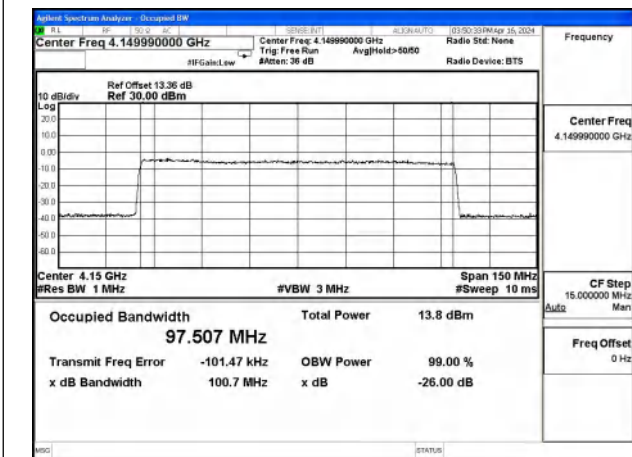


Fig.45

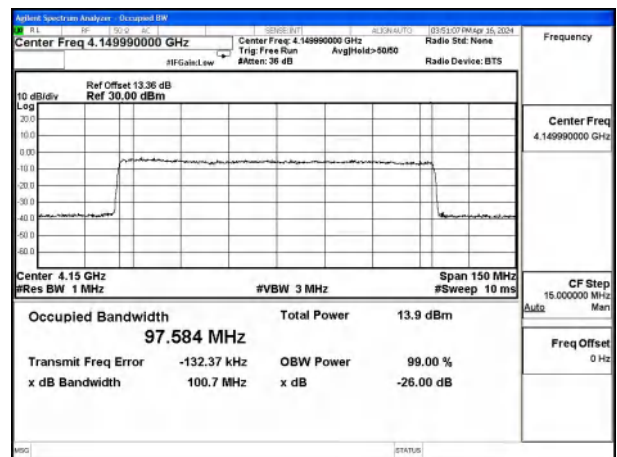


Fig.46

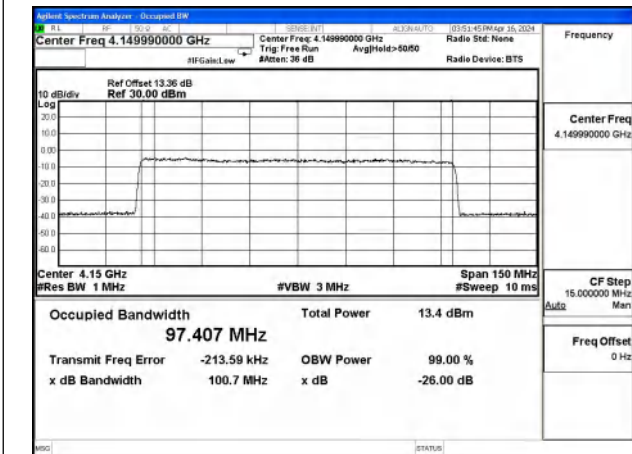


Fig.47

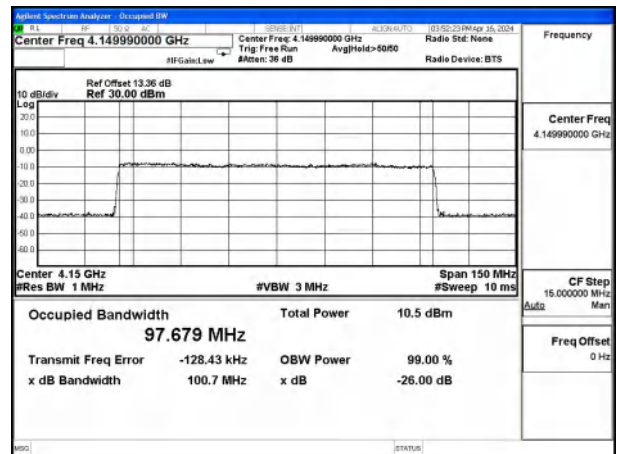
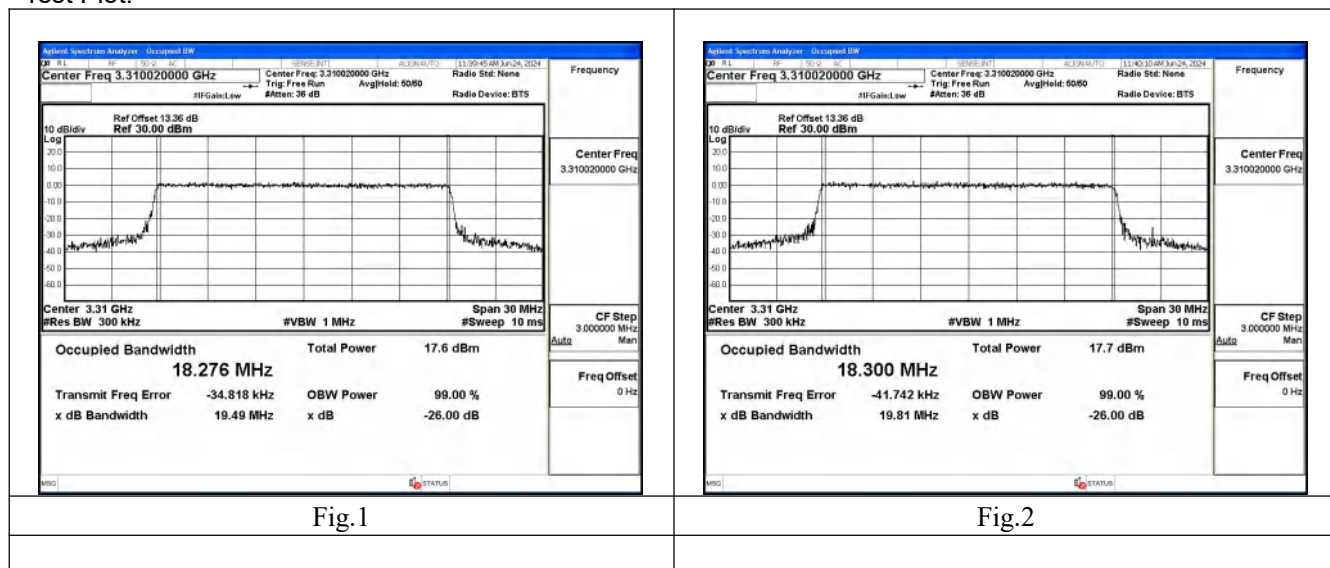


Fig.48

补充:

| Modulation     | Carrier frequency (MHz) | UL Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of 99% Power (MHz) |        |
|----------------|-------------------------|------------|----------|---------|-----------|------------------------------|--------|
| CP-OFDM QPSK   | 3310.02                 | 620668     | 20       | 51      | 0         | 18.280                       | Fig.1  |
| CP-OFDM 16QAM  | 3310.02                 | 620668     | 20       | 51      | 0         | 18.300                       | Fig.2  |
| CP-OFDM 64QAM  | 3310.02                 | 620668     | 20       | 51      | 0         | 18.280                       | Fig.3  |
| CP-OFDM 256QAM | 3310.02                 | 620668     | 20       | 51      | 0         | 18.260                       | Fig.4  |
| CP-OFDM QPSK   | 3750                    | 650000     | 20       | 51      | 0         | 18.300                       | Fig.5  |
| CP-OFDM 16QAM  | 3750                    | 650000     | 20       | 51      | 0         | 18.280                       | Fig.6  |
| CP-OFDM 64QAM  | 3750                    | 650000     | 20       | 51      | 0         | 18.280                       | Fig.7  |
| CP-OFDM 256QAM | 3750                    | 650000     | 20       | 51      | 0         | 18.270                       | Fig.8  |
| CP-OFDM QPSK   | 4189.98                 | 679332     | 20       | 51      | 0         | 18.300                       | Fig.9  |
| CP-OFDM 16QAM  | 4189.98                 | 679332     | 20       | 51      | 0         | 18.280                       | Fig.10 |
| CP-OFDM 64QAM  | 4189.98                 | 679332     | 20       | 51      | 0         | 18.270                       | Fig.11 |
| CP-OFDM 256QAM | 4189.98                 | 679332     | 20       | 51      | 0         | 18.260                       | Fig.12 |
| CP-OFDM QPSK   | 3340.02                 | 622668     | 80       | 217     | 0         | 77.710                       | Fig.13 |
| CP-OFDM 16QAM  | 3340.02                 | 622668     | 80       | 217     | 0         | 77.780                       | Fig.14 |
| CP-OFDM 64QAM  | 3340.02                 | 622668     | 80       | 217     | 0         | 77.770                       | Fig.15 |
| CP-OFDM 256QAM | 3340.02                 | 622668     | 80       | 217     | 0         | 77.720                       | Fig.16 |
| CP-OFDM QPSK   | 3750                    | 650000     | 80       | 217     | 0         | 77.530                       | Fig.17 |
| CP-OFDM 16QAM  | 3750                    | 650000     | 80       | 217     | 0         | 77.540                       | Fig.18 |
| CP-OFDM 64QAM  | 3750                    | 650000     | 80       | 217     | 0         | 77.500                       | Fig.19 |
| CP-OFDM 256QAM | 3750                    | 650000     | 80       | 217     | 0         | 77.490                       | Fig.20 |
| CP-OFDM QPSK   | 4159.98                 | 677332     | 80       | 217     | 0         | 77.550                       | Fig.21 |
| CP-OFDM 16QAM  | 4159.98                 | 677332     | 80       | 217     | 0         | 77.570                       | Fig.22 |
| CP-OFDM 64QAM  | 4159.98                 | 677332     | 80       | 217     | 0         | 77.590                       | Fig.23 |
| CP-OFDM 256QAM | 4159.98                 | 677332     | 80       | 217     | 0         | 77.530                       | Fig.24 |

Test Plot:



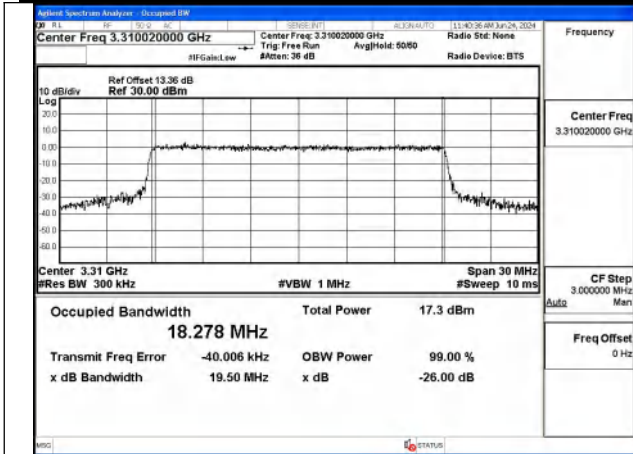


Fig.3

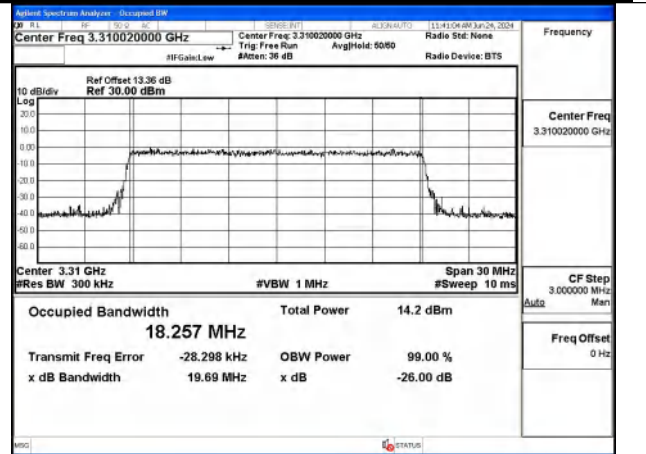


Fig.4

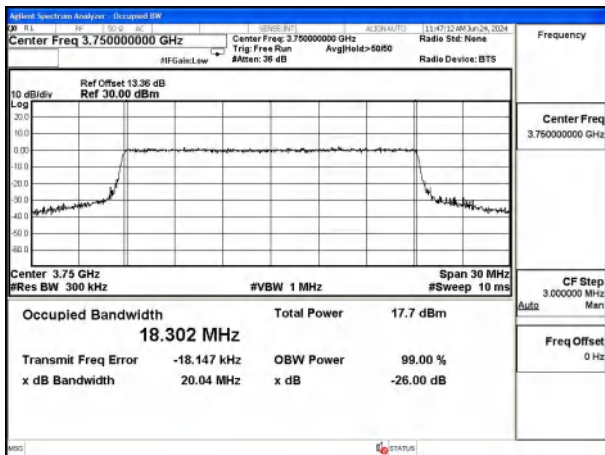


Fig.5

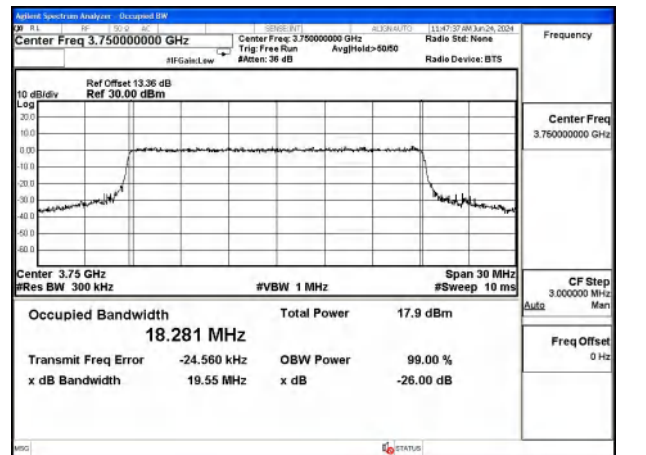


Fig.6

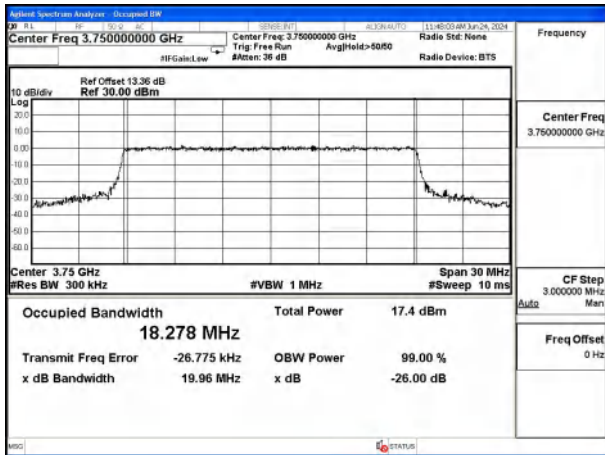


Fig.7

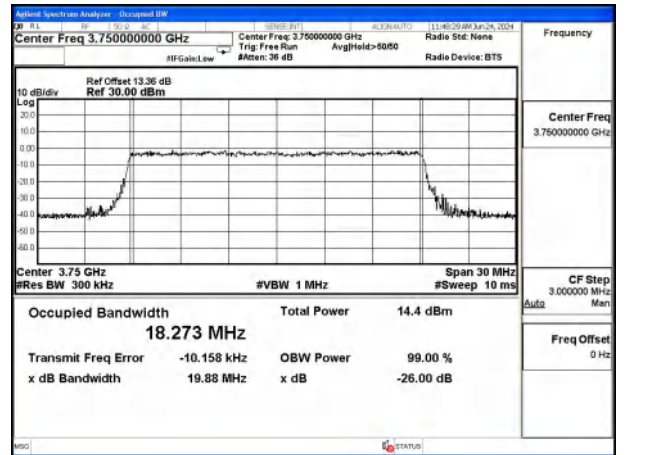


Fig.8

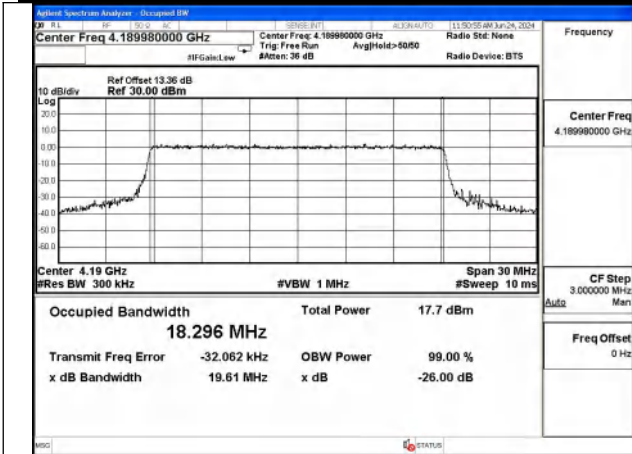


Fig.9

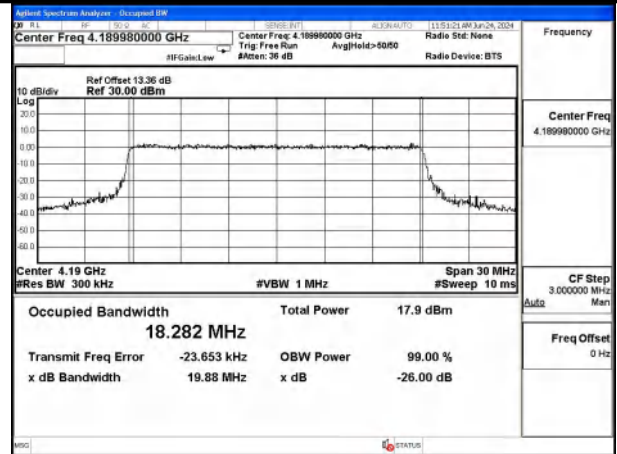


Fig.10

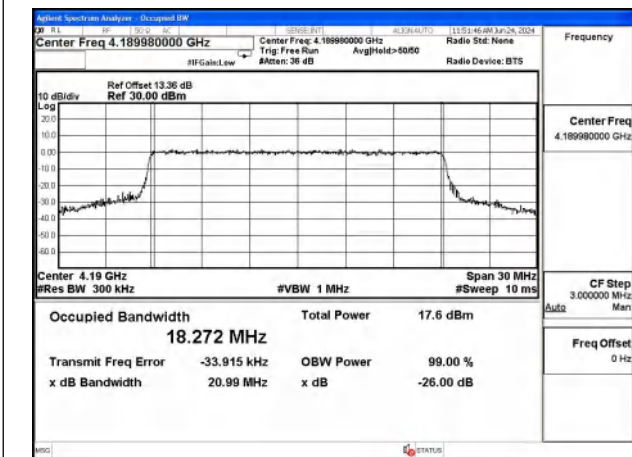


Fig.11

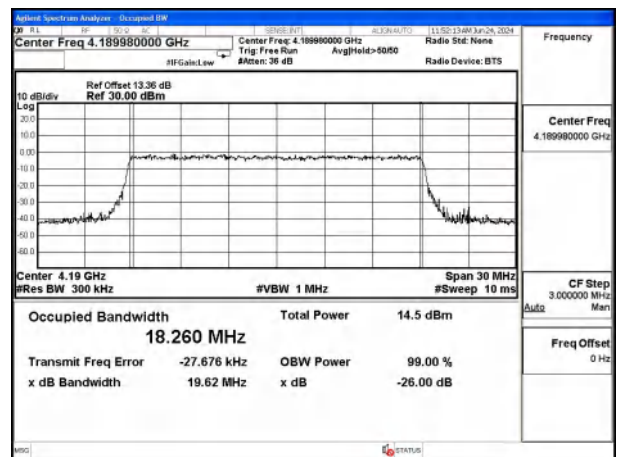


Fig.12

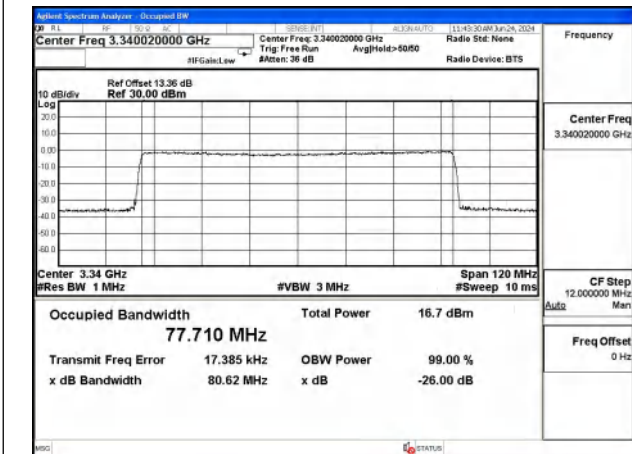


Fig.13

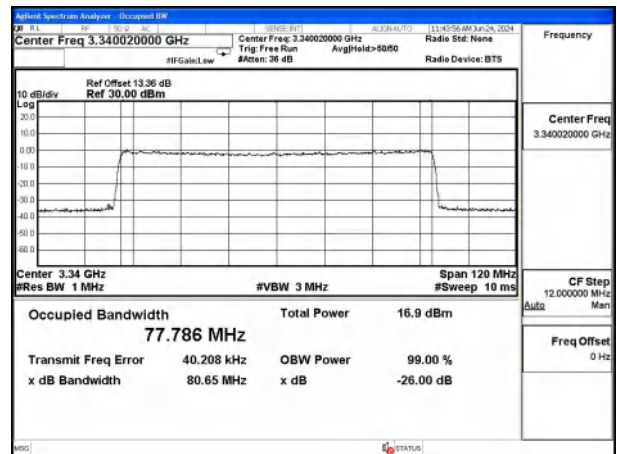


Fig.14

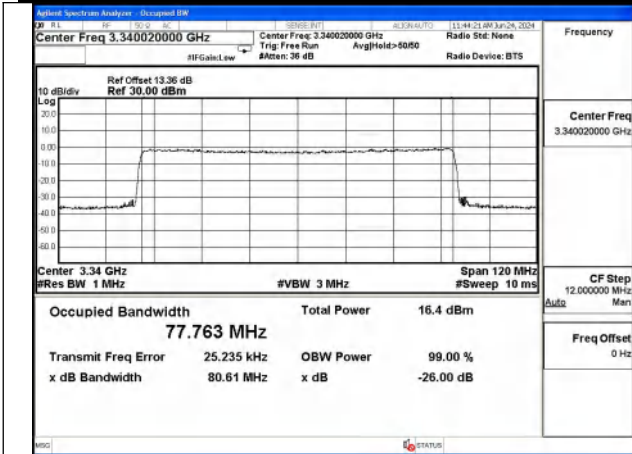


Fig.15

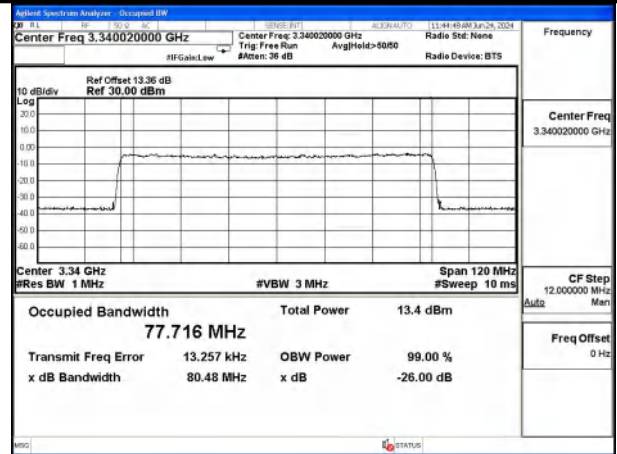


Fig.16

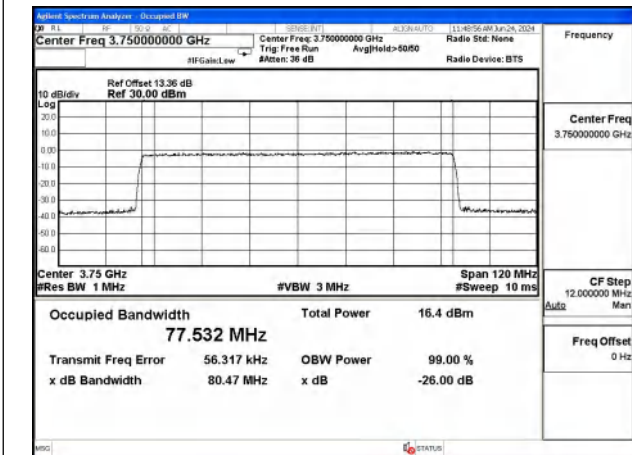


Fig.17

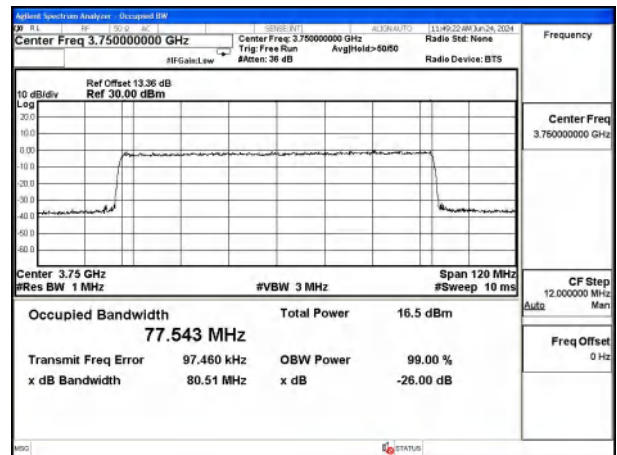


Fig.18

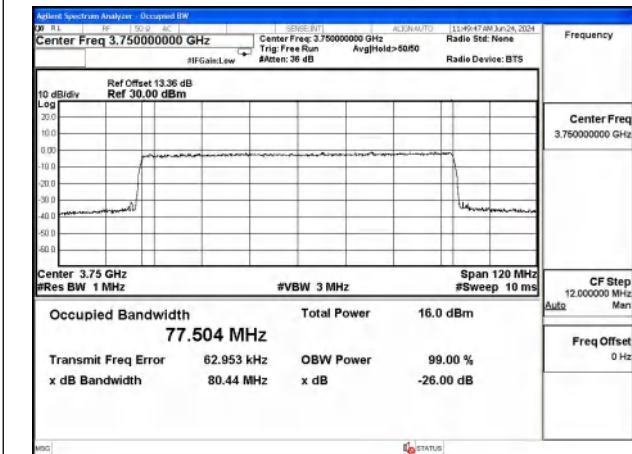


Fig.19

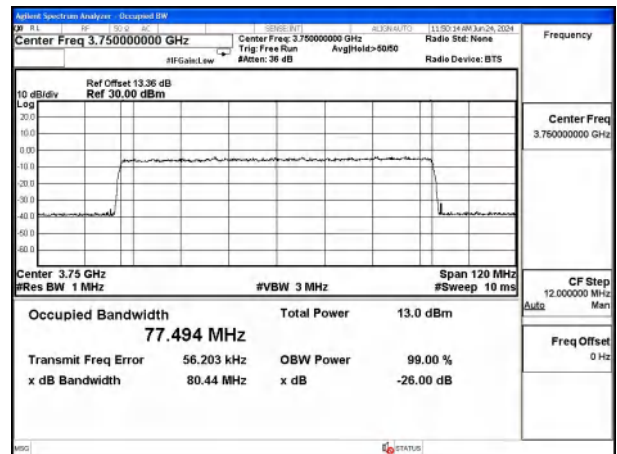


Fig.20

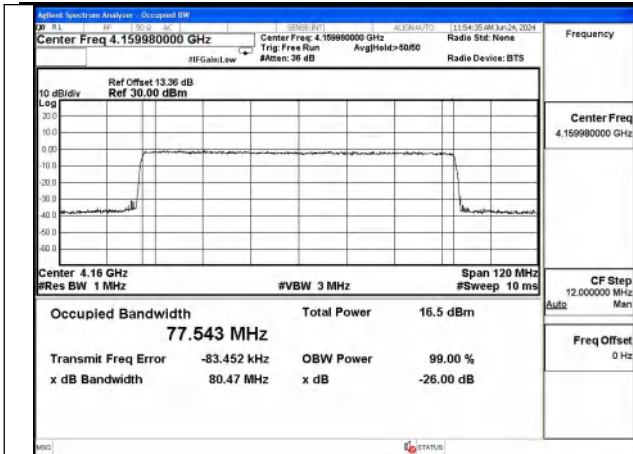


Fig.21

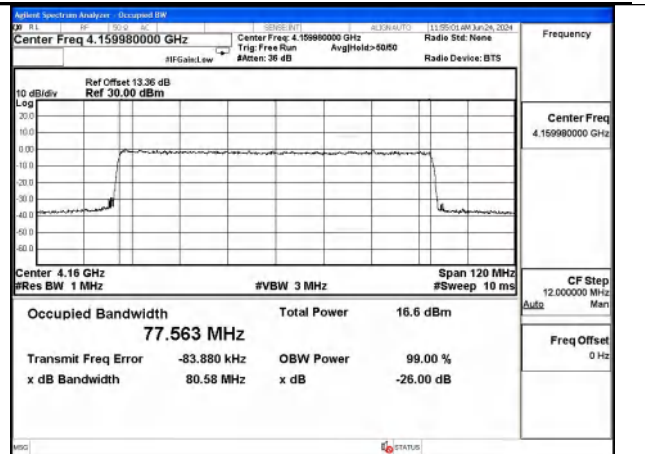


Fig.22

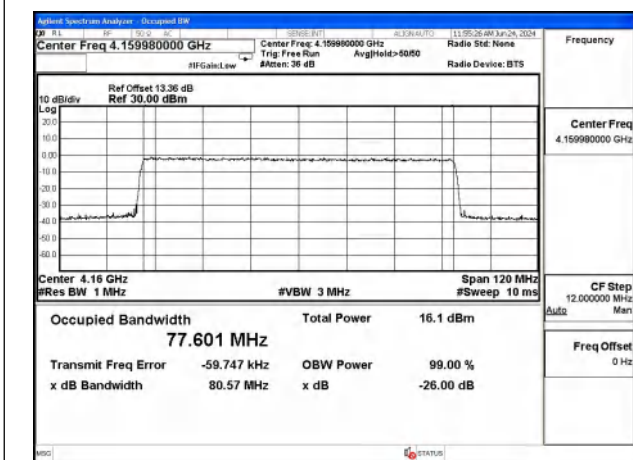


Fig.23

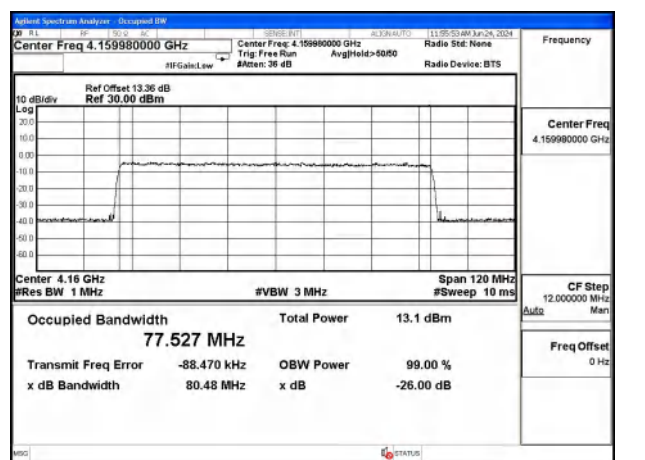
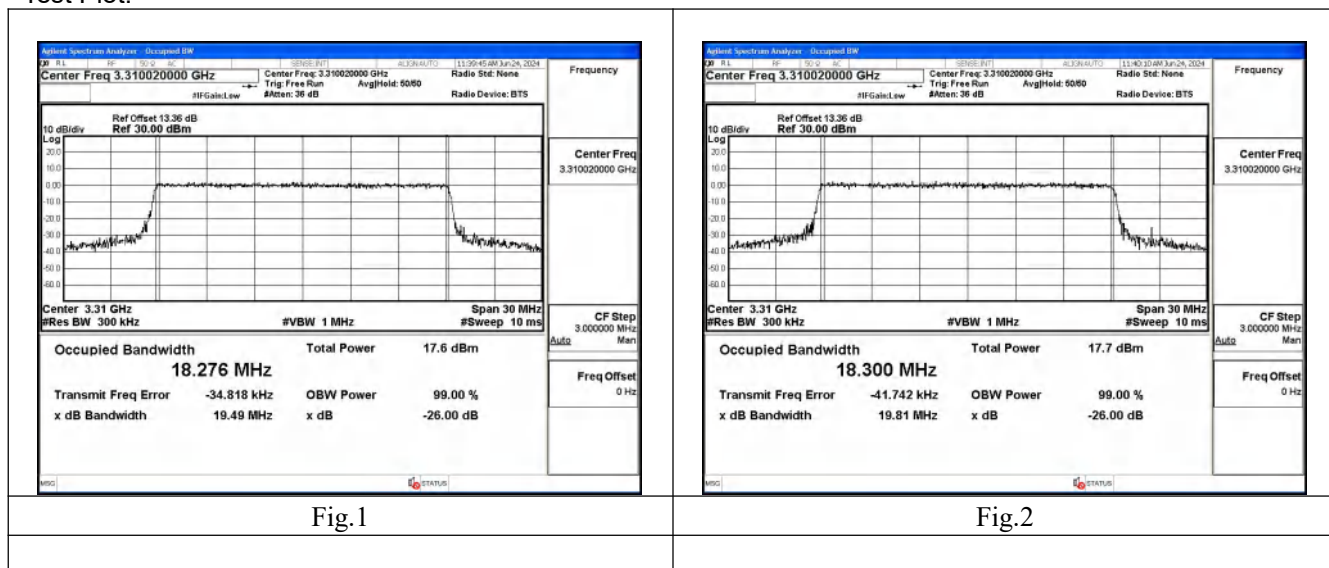


Fig.24

补充

| Modulation     | Carrier frequency (MHz) | UL Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of 99% Power (MHz) |        |
|----------------|-------------------------|------------|----------|---------|-----------|------------------------------|--------|
| CP-OFDM QPSK   | 3310.02                 | 620668     | 20       | 51      | 0         | 18.280                       | Fig.1  |
| CP-OFDM 16QAM  | 3310.02                 | 620668     | 20       | 51      | 0         | 18.300                       | Fig.2  |
| CP-OFDM 64QAM  | 3310.02                 | 620668     | 20       | 51      | 0         | 18.280                       | Fig.3  |
| CP-OFDM 256QAM | 3310.02                 | 620668     | 20       | 51      | 0         | 18.260                       | Fig.4  |
| CP-OFDM QPSK   | 3750                    | 650000     | 20       | 51      | 0         | 18.300                       | Fig.5  |
| CP-OFDM 16QAM  | 3750                    | 650000     | 20       | 51      | 0         | 18.280                       | Fig.6  |
| CP-OFDM 64QAM  | 3750                    | 650000     | 20       | 51      | 0         | 18.280                       | Fig.7  |
| CP-OFDM 256QAM | 3750                    | 650000     | 20       | 51      | 0         | 18.270                       | Fig.8  |
| CP-OFDM QPSK   | 4189.98                 | 679332     | 20       | 51      | 0         | 18.300                       | Fig.9  |
| CP-OFDM 16QAM  | 4189.98                 | 679332     | 20       | 51      | 0         | 18.280                       | Fig.10 |
| CP-OFDM 64QAM  | 4189.98                 | 679332     | 20       | 51      | 0         | 18.270                       | Fig.11 |
| CP-OFDM 256QAM | 4189.98                 | 679332     | 20       | 51      | 0         | 18.260                       | Fig.12 |
| CP-OFDM QPSK   | 3340.02                 | 622668     | 80       | 217     | 0         | 77.710                       | Fig.13 |
| CP-OFDM 16QAM  | 3340.02                 | 622668     | 80       | 217     | 0         | 77.780                       | Fig.14 |
| CP-OFDM 64QAM  | 3340.02                 | 622668     | 80       | 217     | 0         | 77.770                       | Fig.15 |
| CP-OFDM 256QAM | 3340.02                 | 622668     | 80       | 217     | 0         | 77.720                       | Fig.16 |
| CP-OFDM QPSK   | 3750                    | 650000     | 80       | 217     | 0         | 77.530                       | Fig.17 |
| CP-OFDM 16QAM  | 3750                    | 650000     | 80       | 217     | 0         | 77.540                       | Fig.18 |
| CP-OFDM 64QAM  | 3750                    | 650000     | 80       | 217     | 0         | 77.500                       | Fig.19 |
| CP-OFDM 256QAM | 3750                    | 650000     | 80       | 217     | 0         | 77.490                       | Fig.20 |
| CP-OFDM QPSK   | 4159.98                 | 677332     | 80       | 217     | 0         | 77.550                       | Fig.21 |
| CP-OFDM 16QAM  | 4159.98                 | 677332     | 80       | 217     | 0         | 77.570                       | Fig.22 |
| CP-OFDM 64QAM  | 4159.98                 | 677332     | 80       | 217     | 0         | 77.590                       | Fig.23 |
| CP-OFDM 256QAM | 4159.98                 | 677332     | 80       | 217     | 0         | 77.530                       | Fig.24 |

Test Plot:



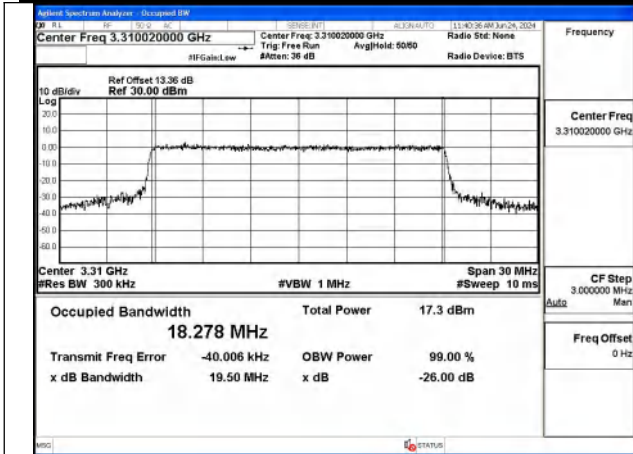


Fig.3

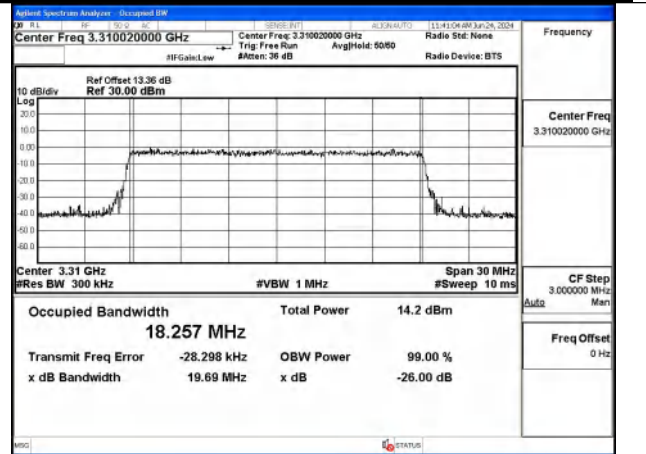


Fig.4

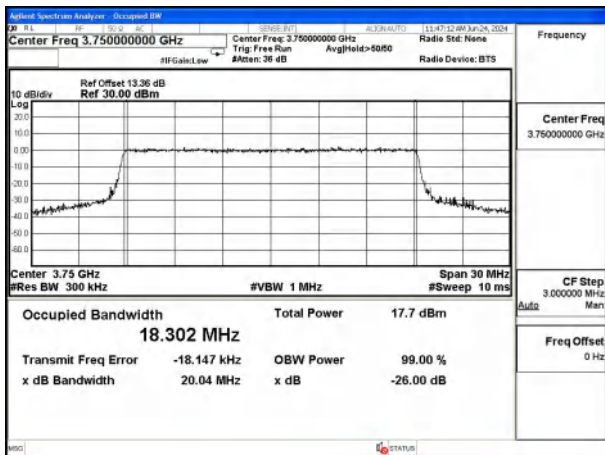


Fig.5

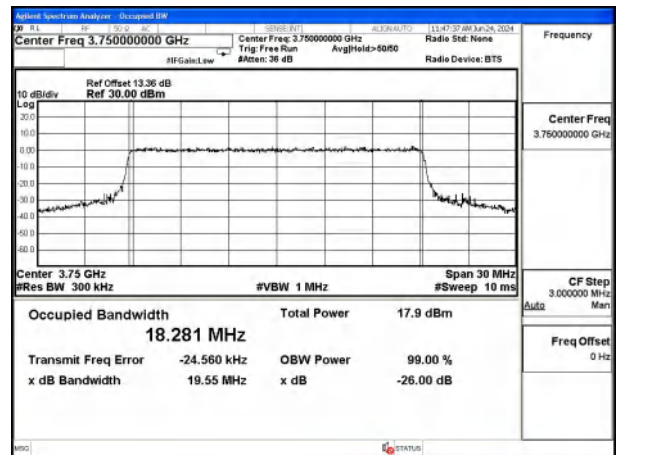


Fig.6

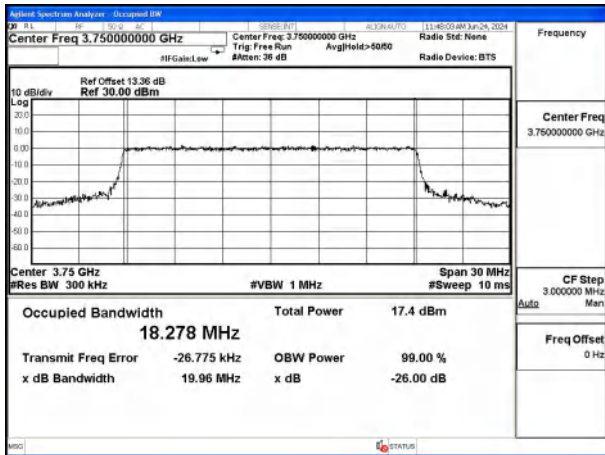


Fig.7

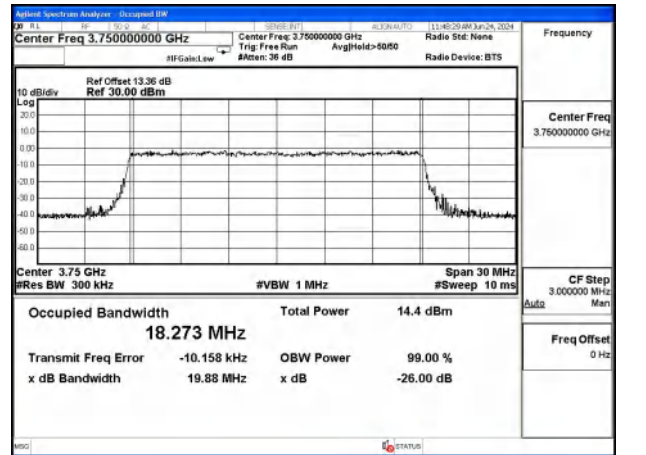


Fig.8

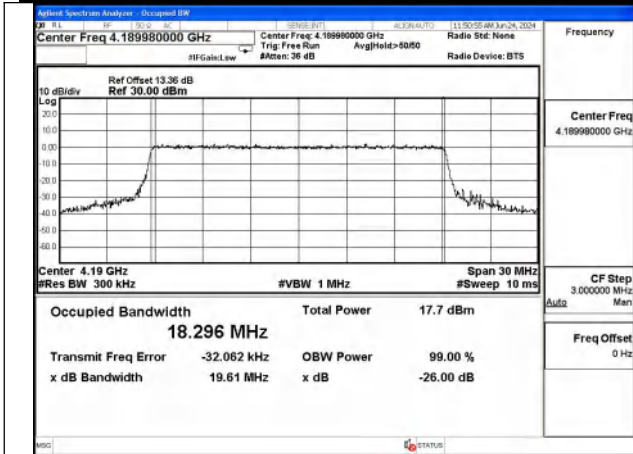


Fig.9

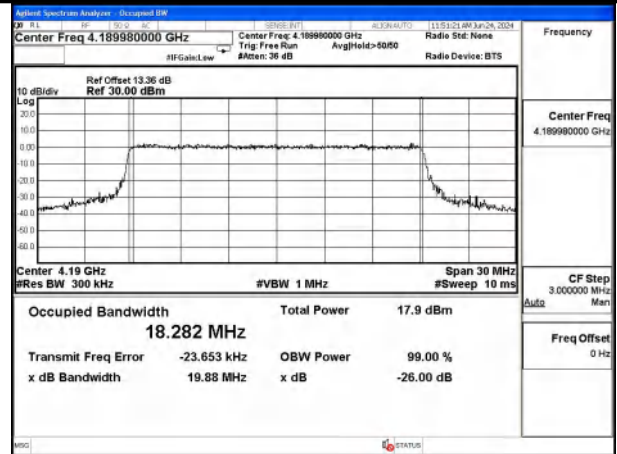


Fig.10

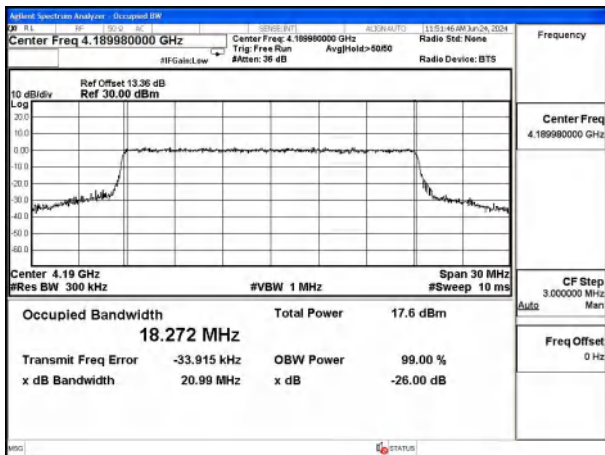


Fig.11

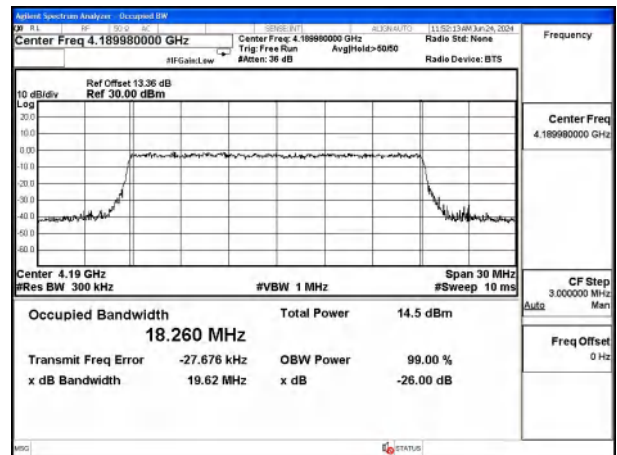


Fig.12

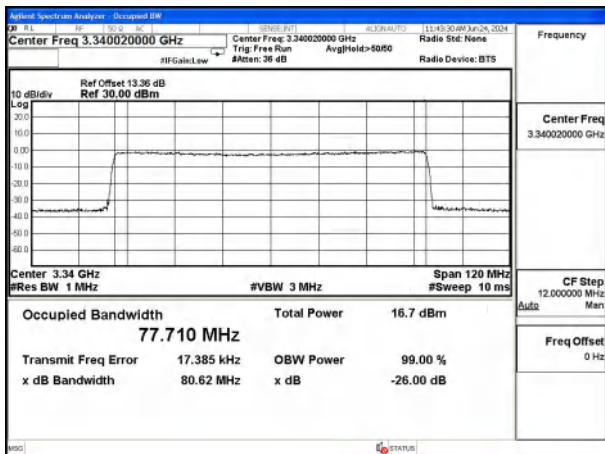


Fig.13

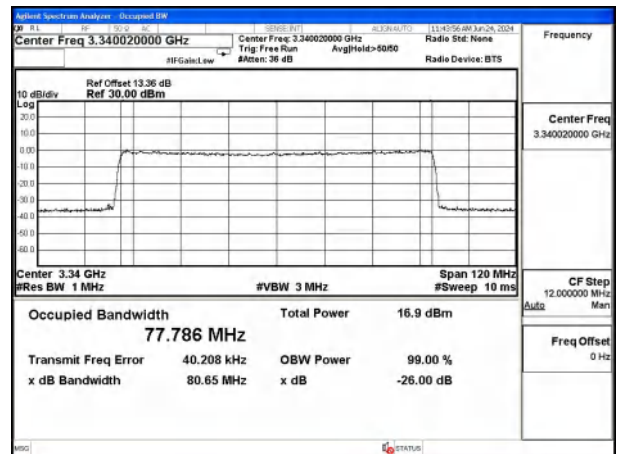


Fig.14

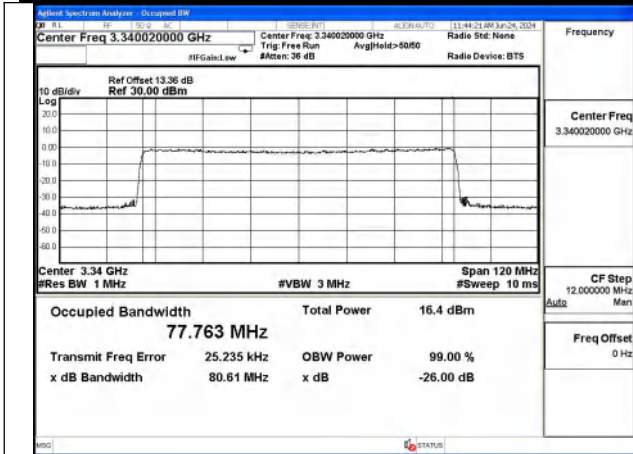


Fig.15

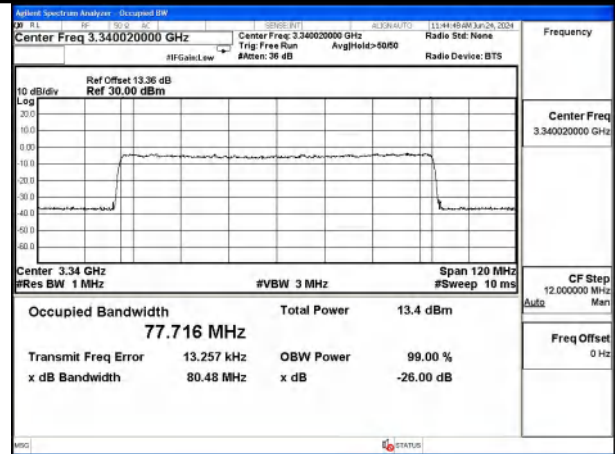


Fig.16

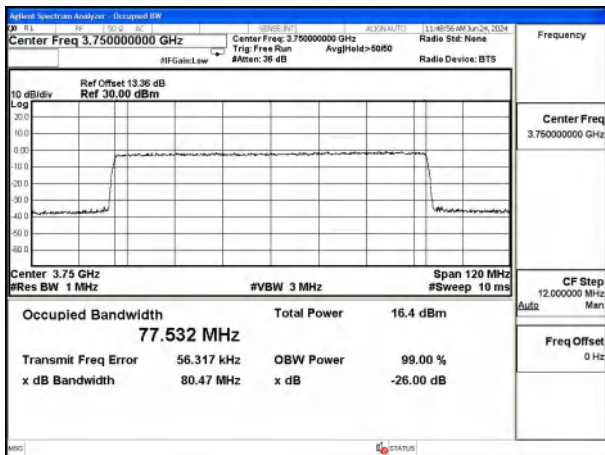


Fig.17

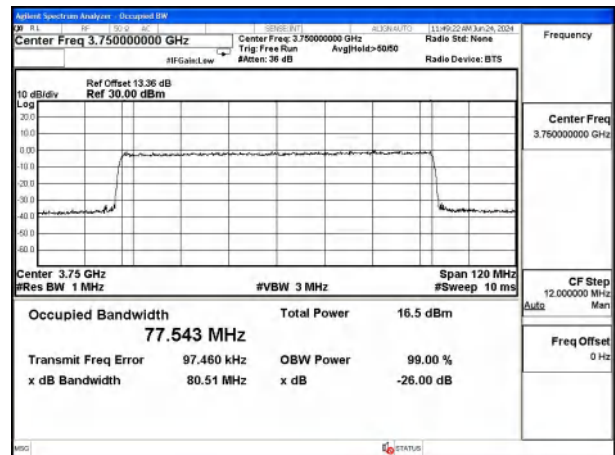


Fig.18

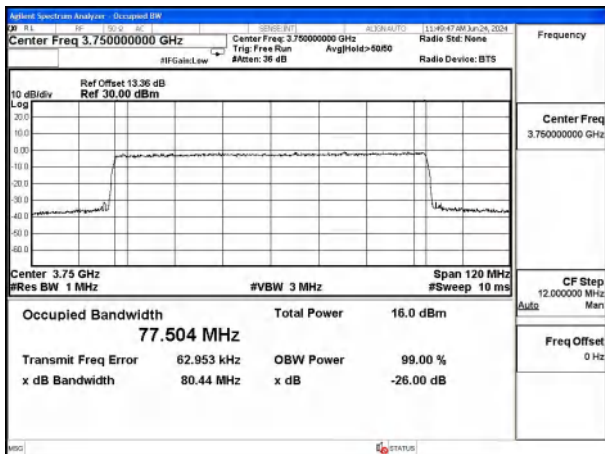


Fig.19

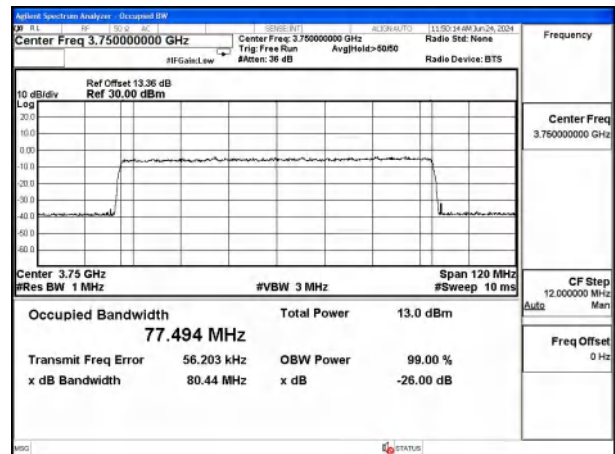


Fig.20

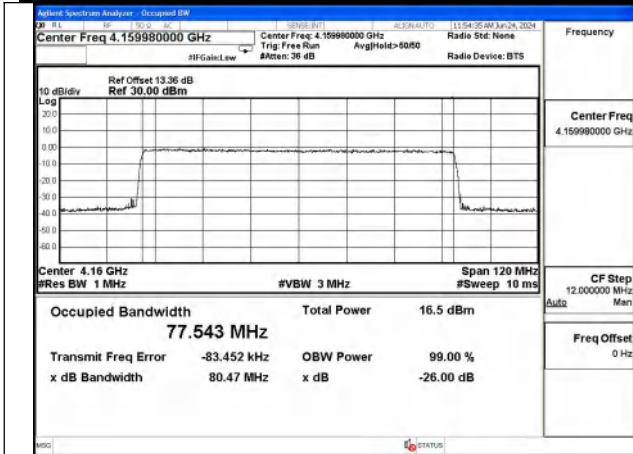


Fig.21

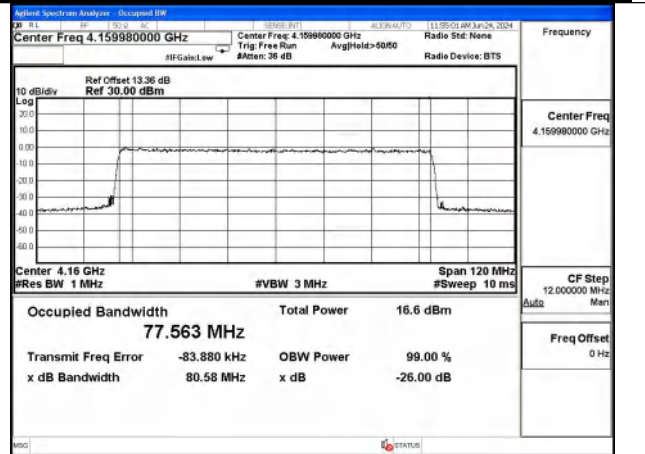


Fig.22

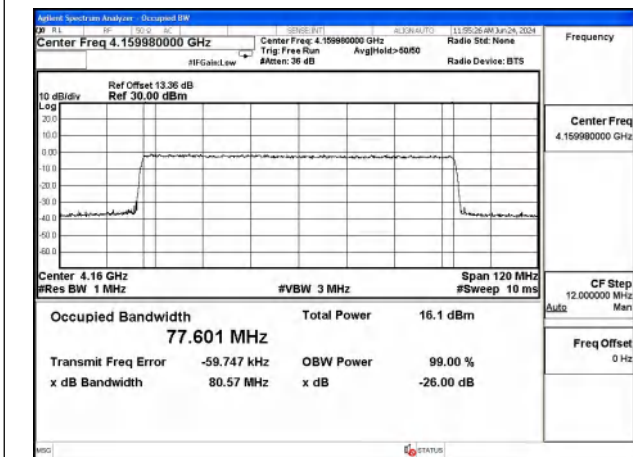


Fig.23

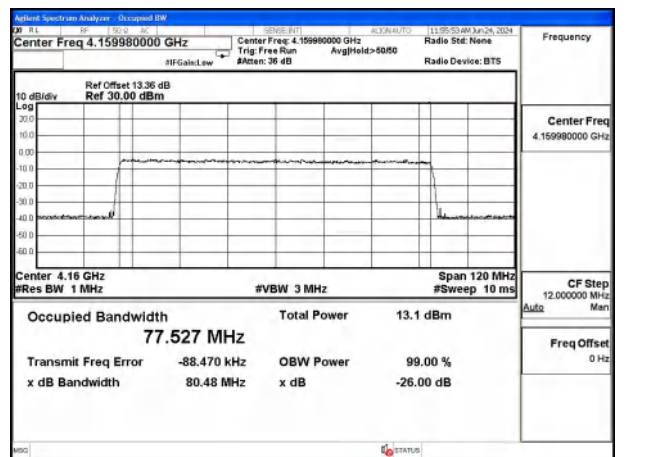


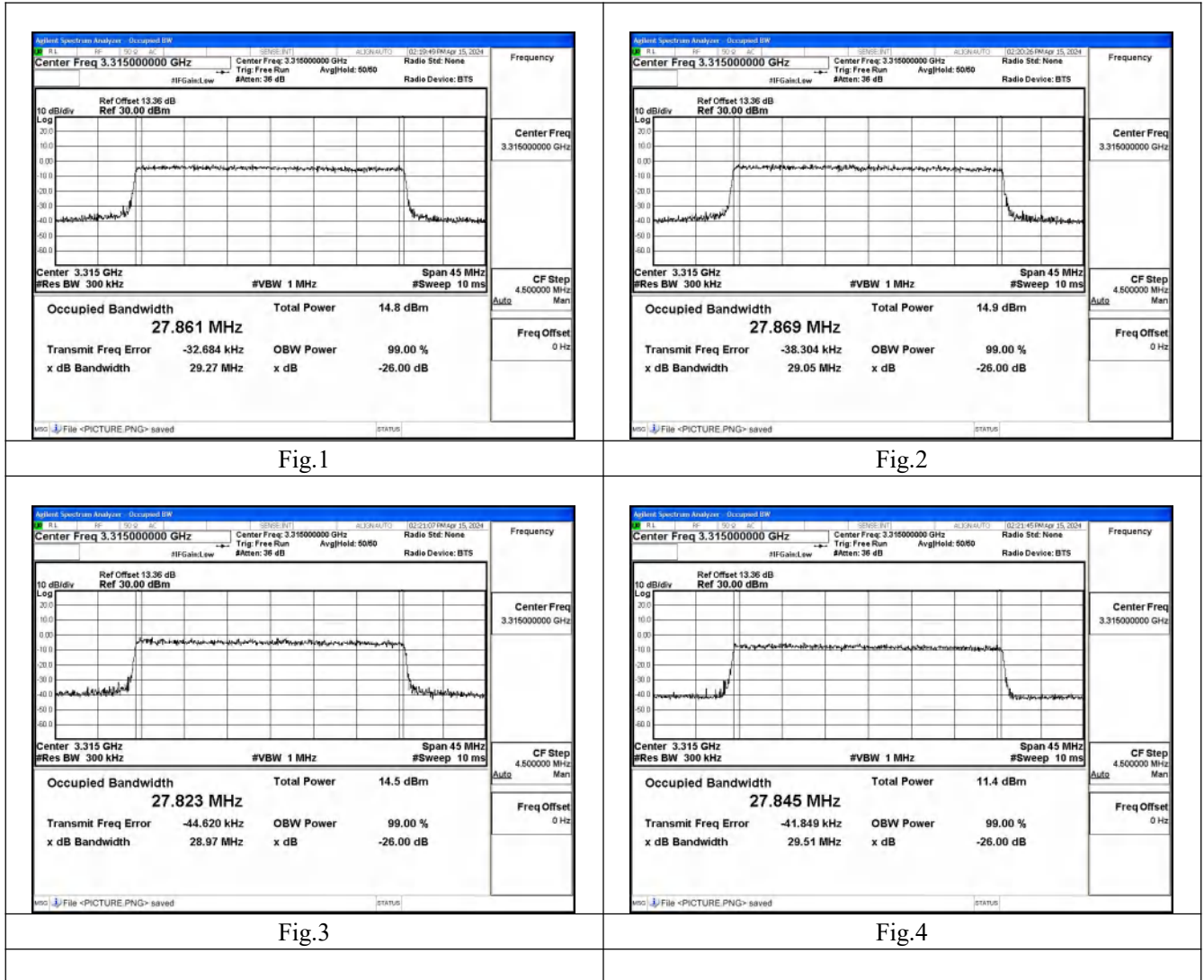
Fig.24

### 3 Emission Bandwidth

| Modulation     | Carrier frequency (MHz) | UL Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of -26dB Power (MHz) |        |
|----------------|-------------------------|------------|----------|---------|-----------|--------------------------------|--------|
| CP-OFDM QPSK   | 3315                    | 621000     | 30       | 78      | 0         | 29.270                         | Fig.1  |
| CP-OFDM 16QAM  | 3315                    | 621000     | 30       | 78      | 0         | 29.050                         | Fig.2  |
| CP-OFDM 64QAM  | 3315                    | 621000     | 30       | 78      | 0         | 28.970                         | Fig.3  |
| CP-OFDM 256QAM | 3315                    | 621000     | 30       | 78      | 0         | 29.510                         | Fig.4  |
| CP-OFDM QPSK   | 3750                    | 650000     | 30       | 78      | 0         | 29.530                         | Fig.5  |
| CP-OFDM 16QAM  | 3750                    | 650000     | 30       | 78      | 0         | 29.210                         | Fig.6  |
| CP-OFDM 64QAM  | 3750                    | 650000     | 30       | 78      | 0         | 30.410                         | Fig.7  |
| CP-OFDM 256QAM | 3750                    | 650000     | 30       | 78      | 0         | 29.420                         | Fig.8  |
| CP-OFDM QPSK   | 4185                    | 679000     | 30       | 78      | 0         | 29.180                         | Fig.9  |
| CP-OFDM 16QAM  | 4185                    | 679000     | 30       | 78      | 0         | 29.130                         | Fig.10 |
| CP-OFDM 64QAM  | 4185                    | 679000     | 30       | 78      | 0         | 29.460                         | Fig.11 |
| CP-OFDM 256QAM | 4185                    | 679000     | 30       | 78      | 0         | 29.010                         | Fig.12 |
| CP-OFDM QPSK   | 3320.01                 | 621334     | 40       | 106     | 0         | 40.570                         | Fig.13 |
| CP-OFDM 16QAM  | 3320.01                 | 621334     | 40       | 106     | 0         | 40.480                         | Fig.14 |
| CP-OFDM 64QAM  | 3320.01                 | 621334     | 40       | 106     | 0         | 40.540                         | Fig.15 |
| CP-OFDM 256QAM | 3320.01                 | 621334     | 40       | 106     | 0         | 40.620                         | Fig.16 |
| CP-OFDM QPSK   | 3750                    | 650000     | 40       | 106     | 0         | 40.580                         | Fig.17 |
| CP-OFDM 16QAM  | 3750                    | 650000     | 40       | 106     | 0         | 40.570                         | Fig.18 |
| CP-OFDM 64QAM  | 3750                    | 650000     | 40       | 106     | 0         | 40.530                         | Fig.19 |
| CP-OFDM 256QAM | 3750                    | 650000     | 40       | 106     | 0         | 40.540                         | Fig.20 |
| CP-OFDM QPSK   | 4179.99                 | 678666     | 40       | 106     | 0         | 40.540                         | Fig.21 |
| CP-OFDM 16QAM  | 4179.99                 | 678666     | 40       | 106     | 0         | 40.530                         | Fig.22 |
| CP-OFDM 64QAM  | 4179.99                 | 678666     | 40       | 106     | 0         | 40.570                         | Fig.23 |
| CP-OFDM 256QAM | 4179.99                 | 678666     | 40       | 106     | 0         | 40.610                         | Fig.24 |
| CP-OFDM QPSK   | 3330                    | 622000     | 60       | 162     | 0         | 60.670                         | Fig.25 |
| CP-OFDM 16QAM  | 3330                    | 622000     | 60       | 162     | 0         | 60.960                         | Fig.26 |
| CP-OFDM 64QAM  | 3330                    | 622000     | 60       | 162     | 0         | 60.760                         | Fig.27 |
| CP-OFDM 256QAM | 3330                    | 622000     | 60       | 162     | 0         | 60.710                         | Fig.28 |
| CP-OFDM QPSK   | 3750                    | 650000     | 60       | 162     | 0         | 60.710                         | Fig.29 |
| CP-OFDM 16QAM  | 3750                    | 650000     | 60       | 162     | 0         | 60.730                         | Fig.30 |
| CP-OFDM 64QAM  | 3750                    | 650000     | 60       | 162     | 0         | 60.730                         | Fig.31 |
| CP-OFDM 256QAM | 3750                    | 650000     | 60       | 162     | 0         | 60.720                         | Fig.32 |
| CP-OFDM QPSK   | 4170                    | 678000     | 60       | 162     | 0         | 60.660                         | Fig.33 |
| CP-OFDM 16QAM  | 4170                    | 678000     | 60       | 162     | 0         | 60.720                         | Fig.34 |
| CP-OFDM 64QAM  | 4170                    | 678000     | 60       | 162     | 0         | 60.980                         | Fig.35 |
| CP-OFDM 256QAM | 4170                    | 678000     | 60       | 162     | 0         | 60.660                         | Fig.36 |
| CP-OFDM QPSK   | 3350.01                 | 623334     | 100      | 273     | 0         | 100.740                        | Fig.37 |
| CP-OFDM 16QAM  | 3350.01                 | 623334     | 100      | 273     | 0         | 100.710                        | Fig.38 |
| CP-OFDM 64QAM  | 3350.01                 | 623334     | 100      | 273     | 0         | 100.760                        | Fig.39 |
| CP-OFDM 256QAM | 3350.01                 | 623334     | 100      | 273     | 0         | 100.720                        | Fig.40 |
| CP-OFDM QPSK   | 3750                    | 650000     | 100      | 273     | 0         | 100.740                        | Fig.41 |
| CP-OFDM 16QAM  | 3750                    | 650000     | 100      | 273     | 0         | 100.670                        | Fig.42 |

|                |         |        |     |     |   |         |        |
|----------------|---------|--------|-----|-----|---|---------|--------|
| CP-OFDM 64QAM  | 3750    | 650000 | 100 | 273 | 0 | 100.680 | Fig.43 |
| CP-OFDM 256QAM | 3750    | 650000 | 100 | 273 | 0 | 100.760 | Fig.44 |
| CP-OFDM QPSK   | 4149.99 | 676666 | 100 | 273 | 0 | 100.670 | Fig.45 |
| CP-OFDM 16QAM  | 4149.99 | 676666 | 100 | 273 | 0 | 100.710 | Fig.46 |
| CP-OFDM 64QAM  | 4149.99 | 676666 | 100 | 273 | 0 | 100.690 | Fig.47 |
| CP-OFDM 256QAM | 4149.99 | 676666 | 100 | 273 | 0 | 100.670 | Fig.48 |

Test Plot:



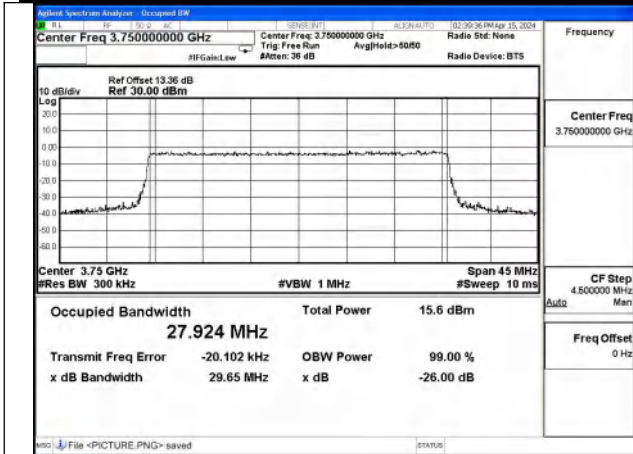


Fig.5

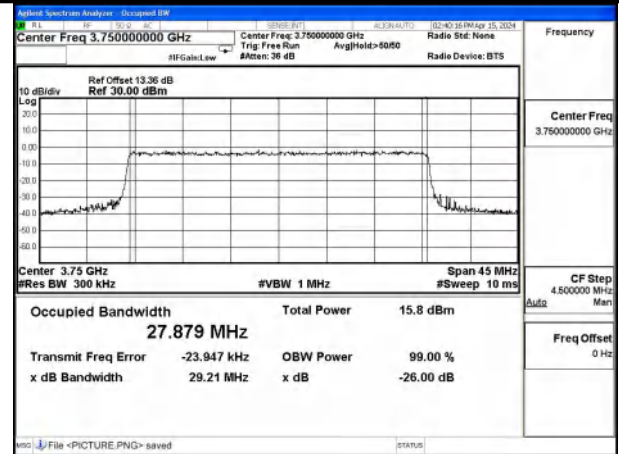


Fig.6

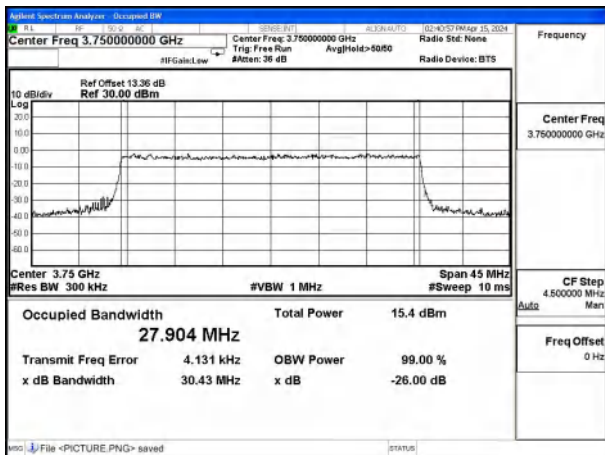


Fig.7

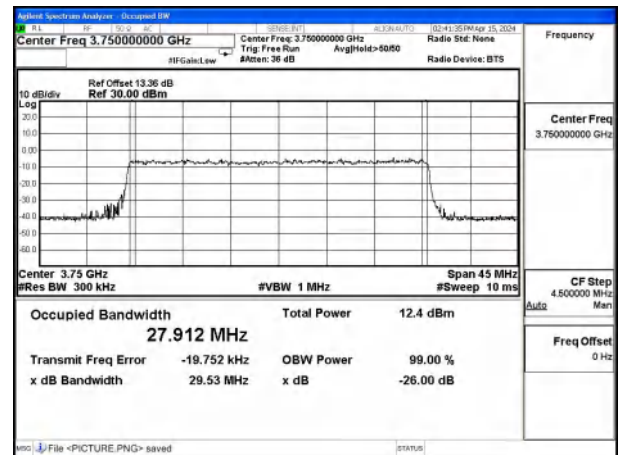


Fig.8

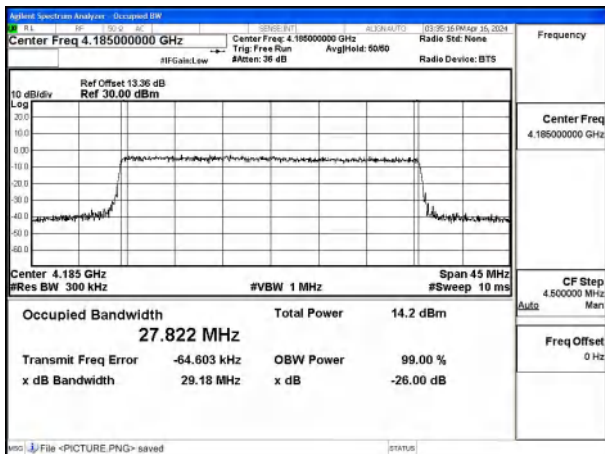


Fig.9

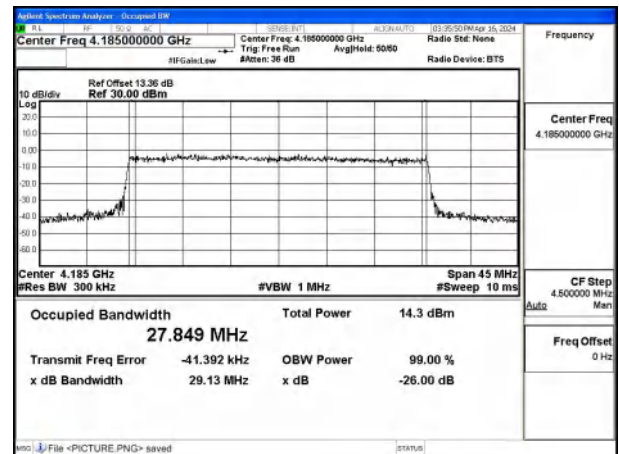


Fig.10

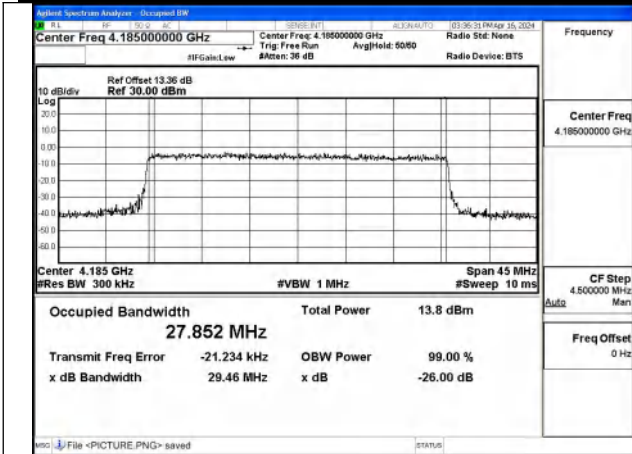


Fig.11

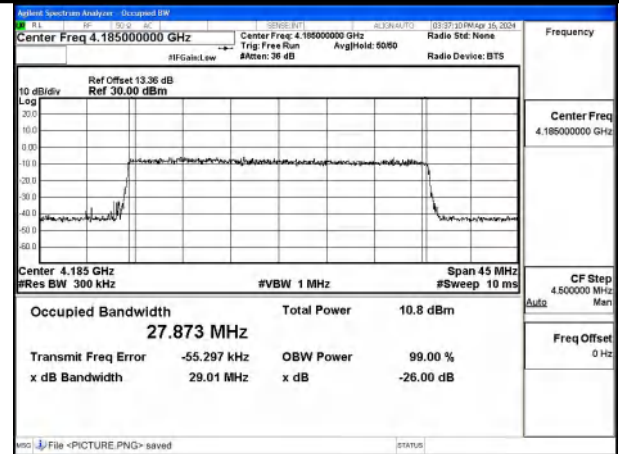


Fig.12

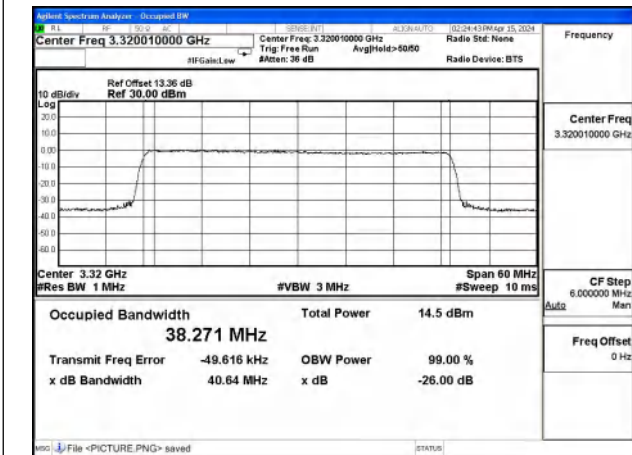


Fig.13

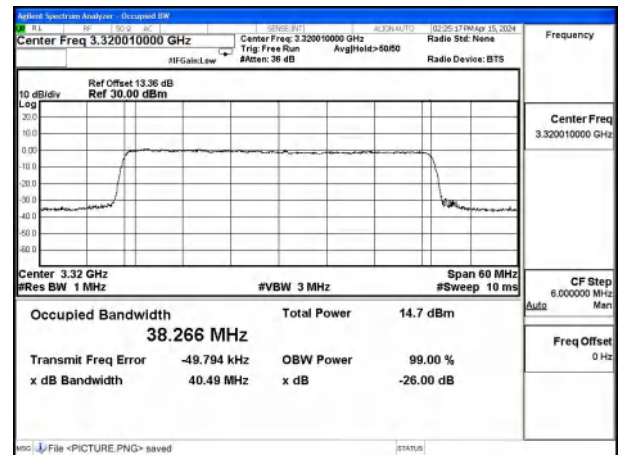


Fig.14

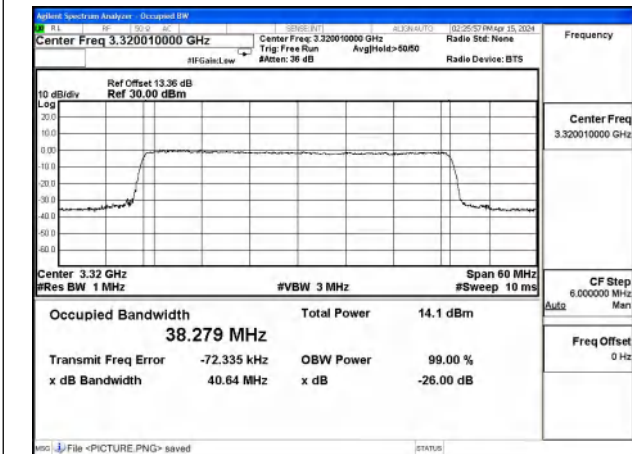


Fig.15

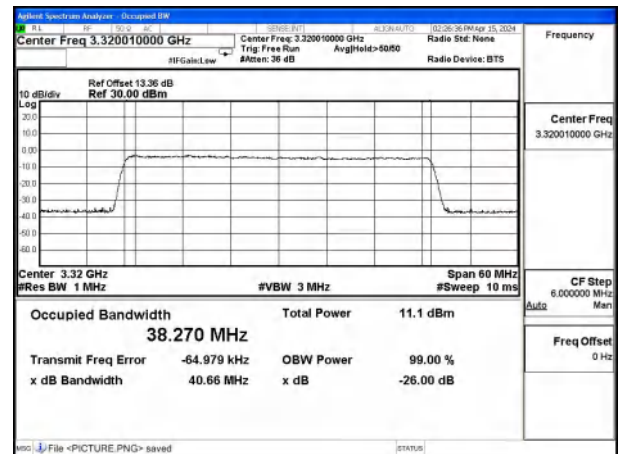


Fig.16

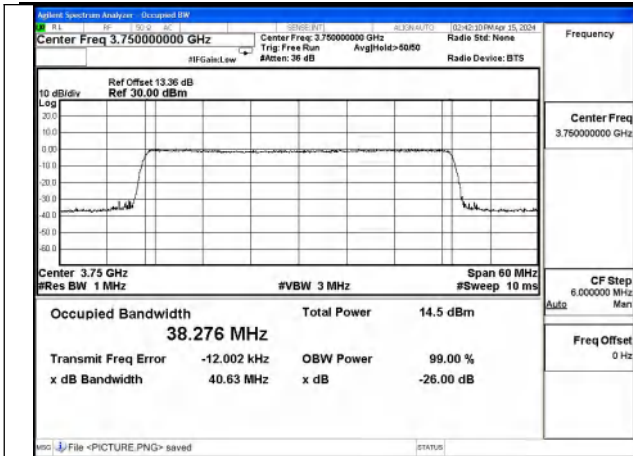


Fig.17

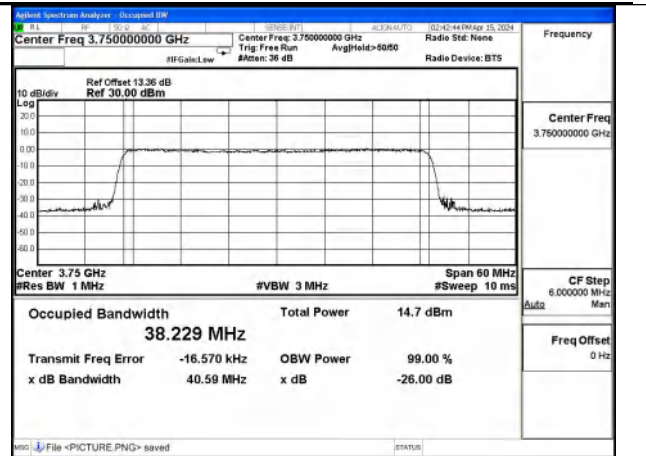


Fig.18

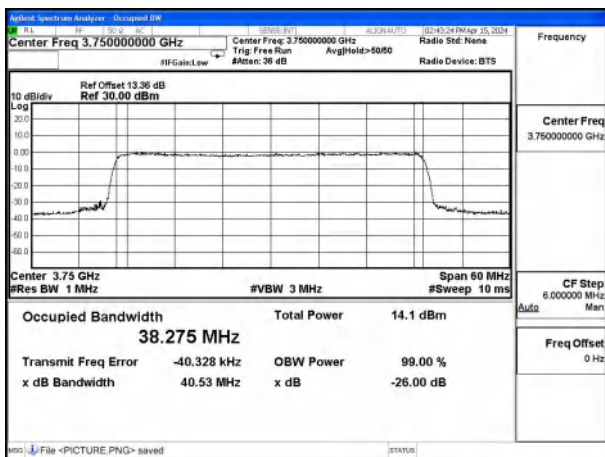


Fig.19

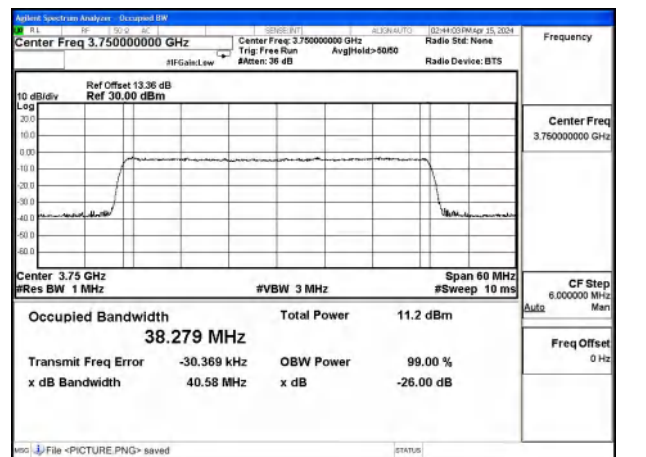


Fig.20

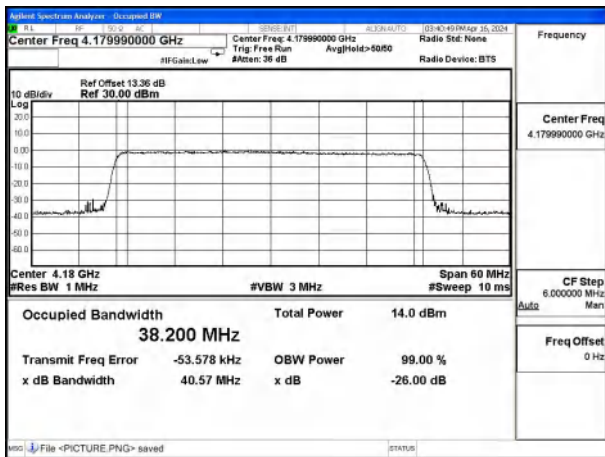


Fig.21

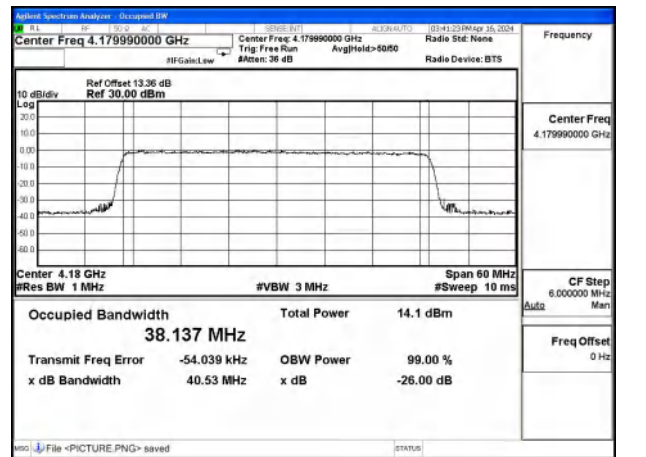


Fig.22

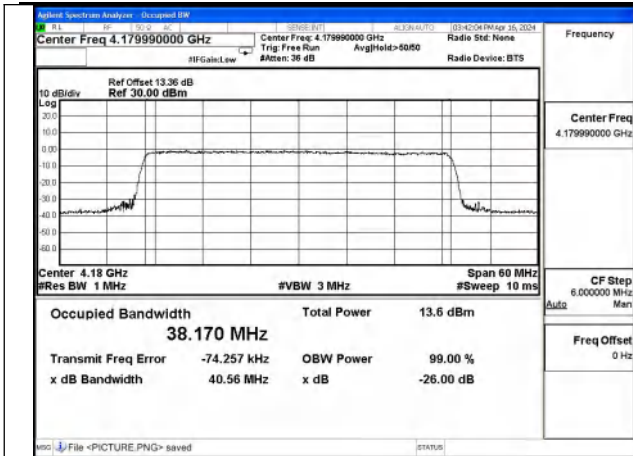


Fig.23

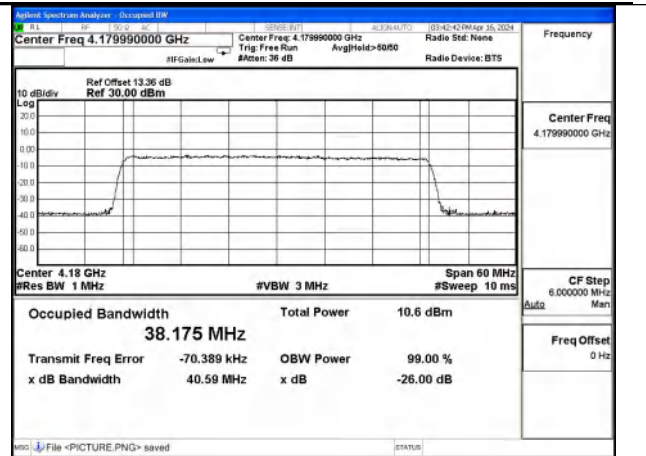


Fig.24

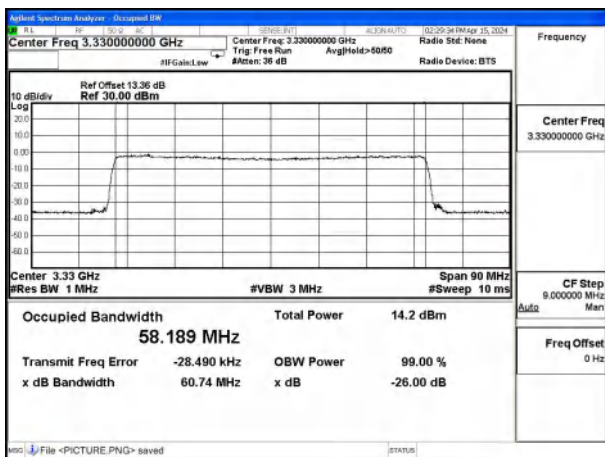


Fig.25

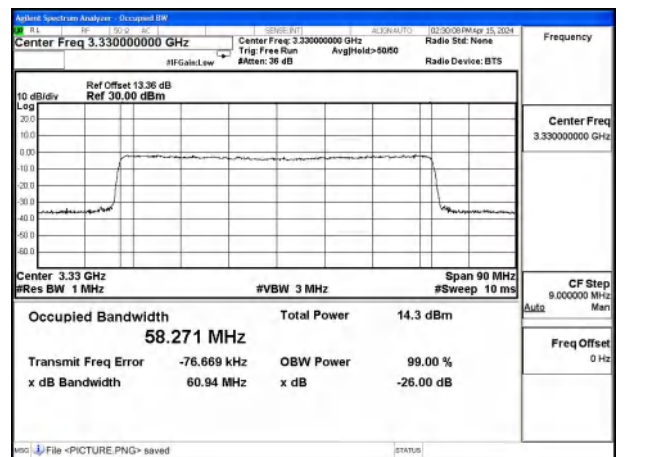


Fig.26

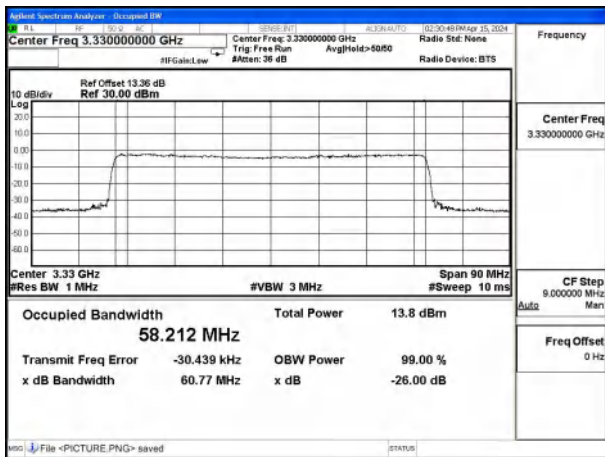


Fig.27

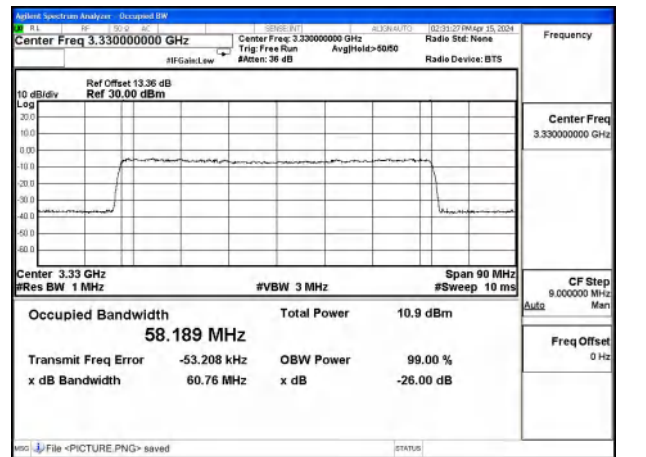


Fig.28

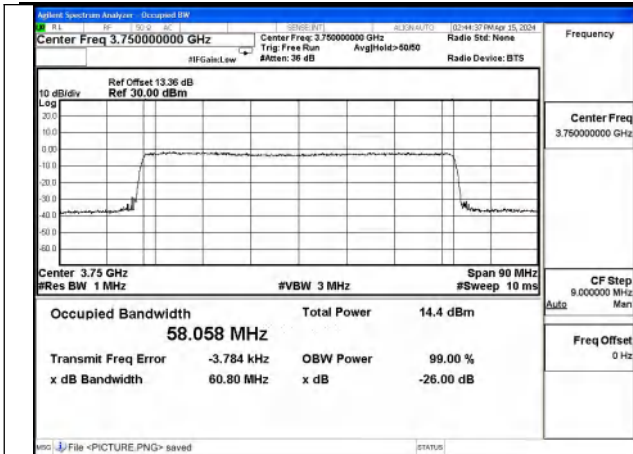


Fig.29

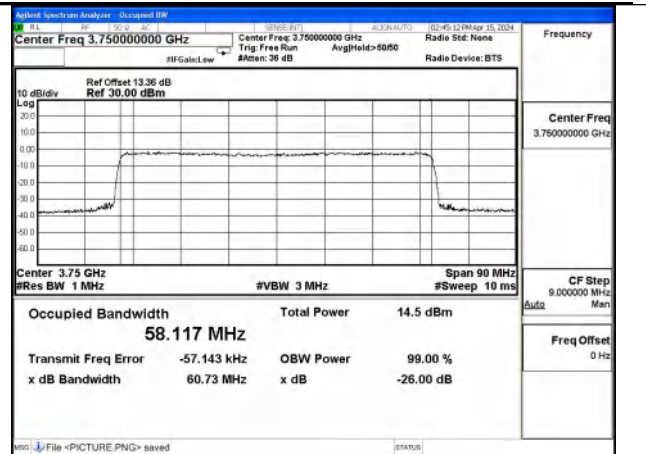


Fig.30

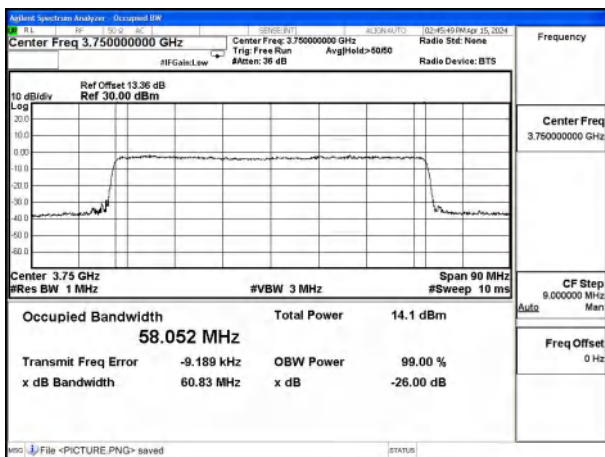


Fig.31

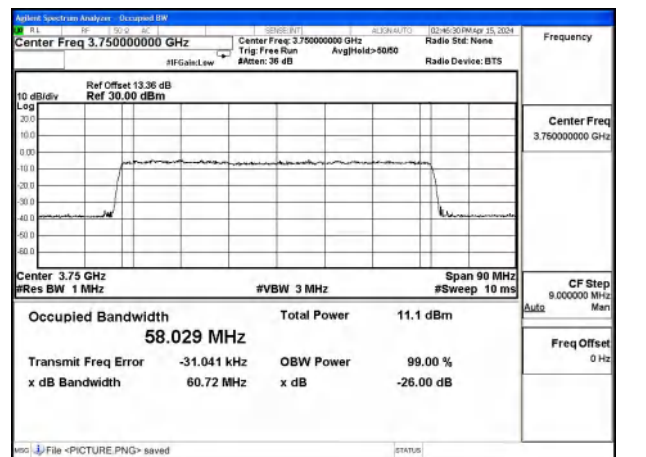


Fig.32

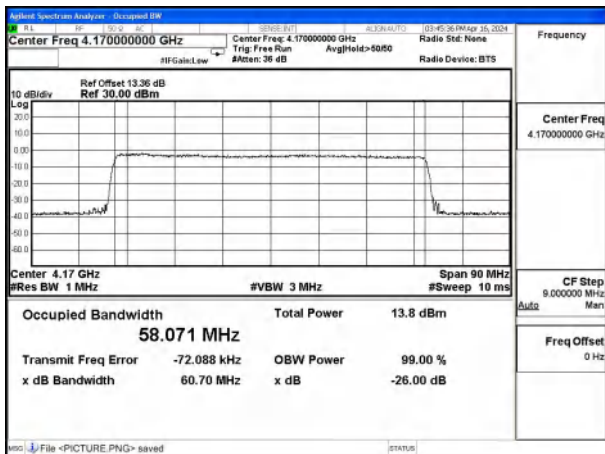


Fig.33

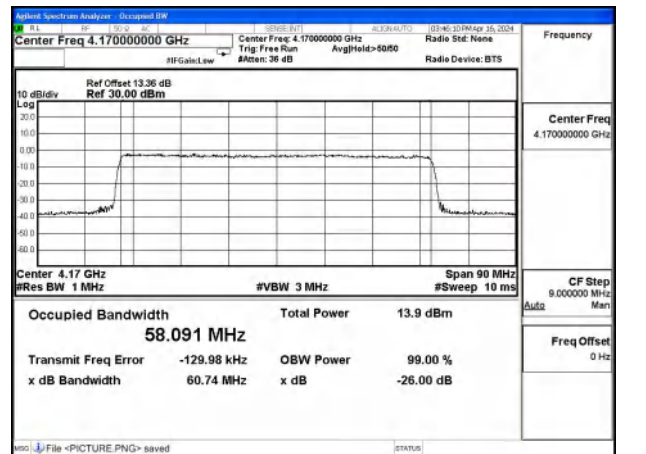


Fig.34

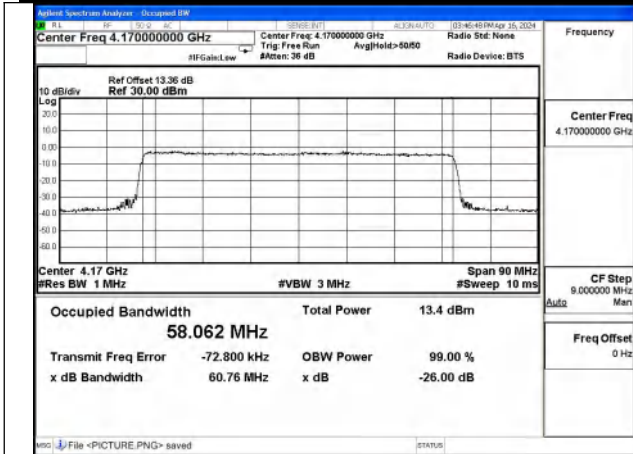


Fig.35

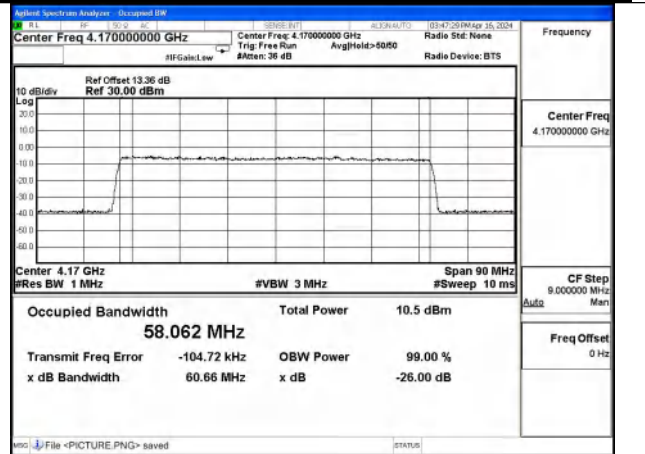


Fig.36

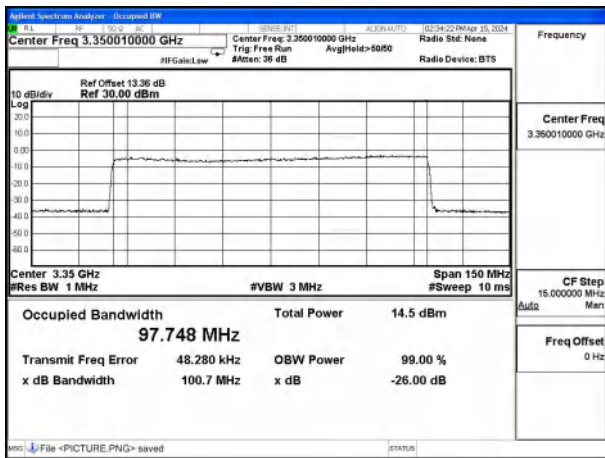


Fig.37

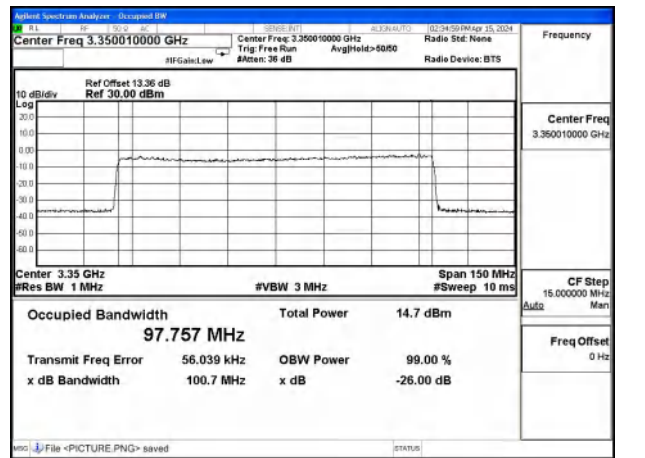


Fig.38

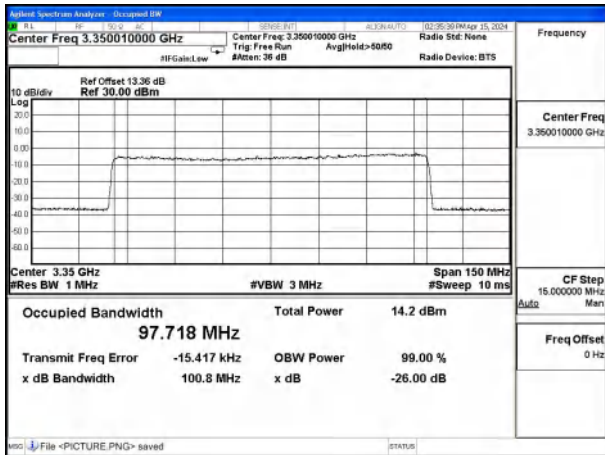


Fig.39

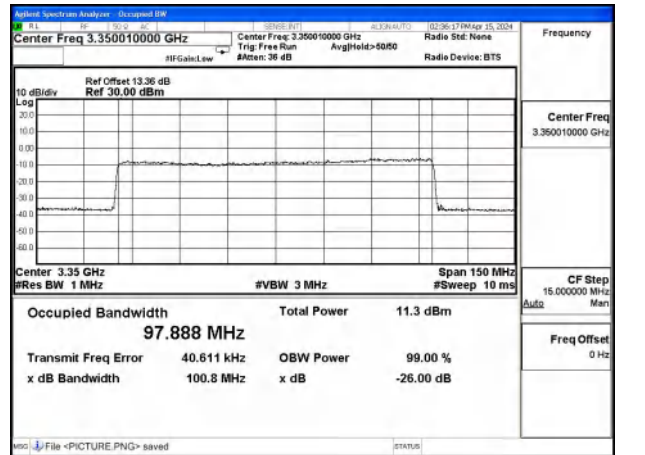


Fig.40

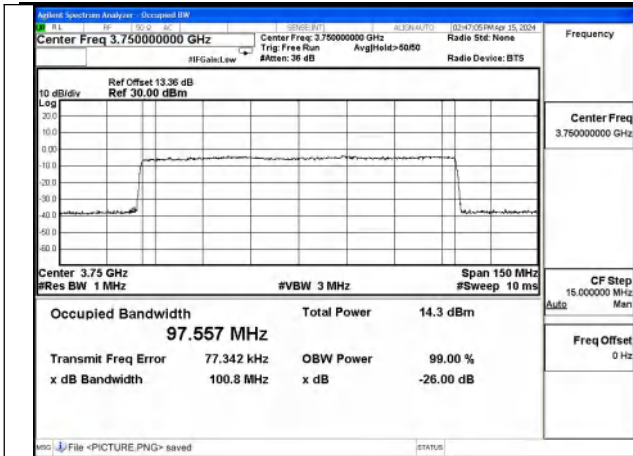


Fig.41

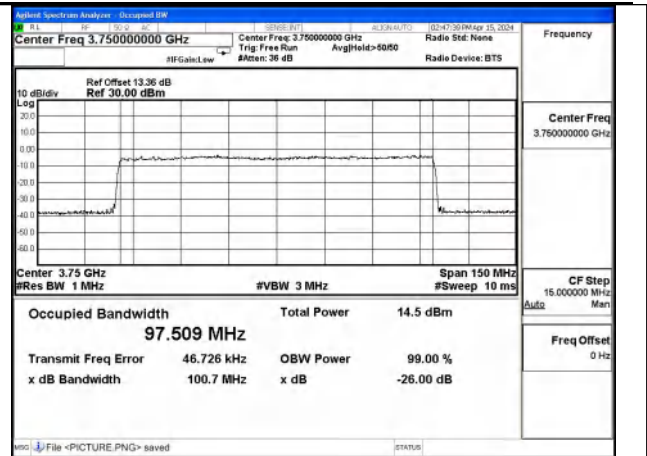


Fig.42

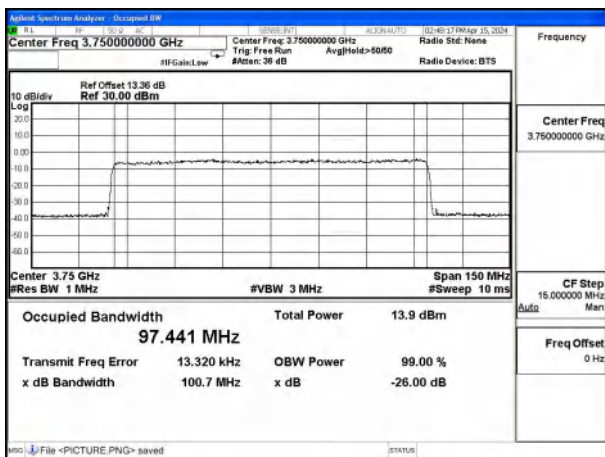


Fig.43

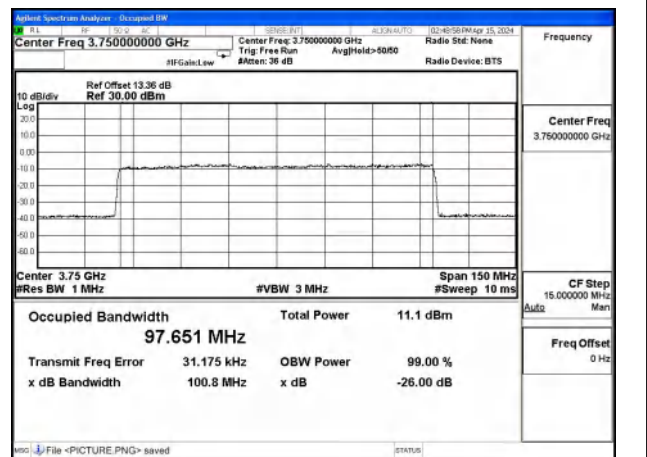


Fig.44

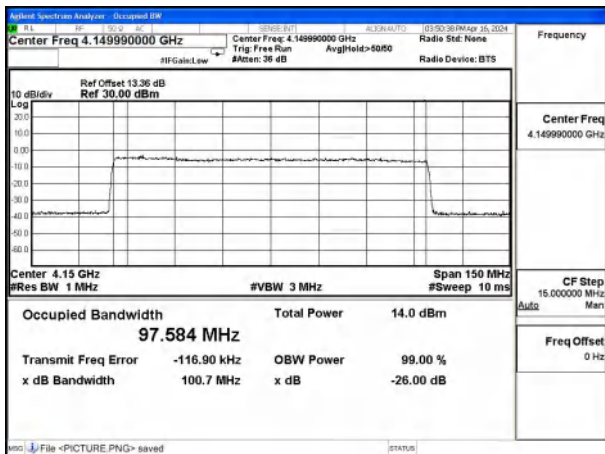


Fig.45

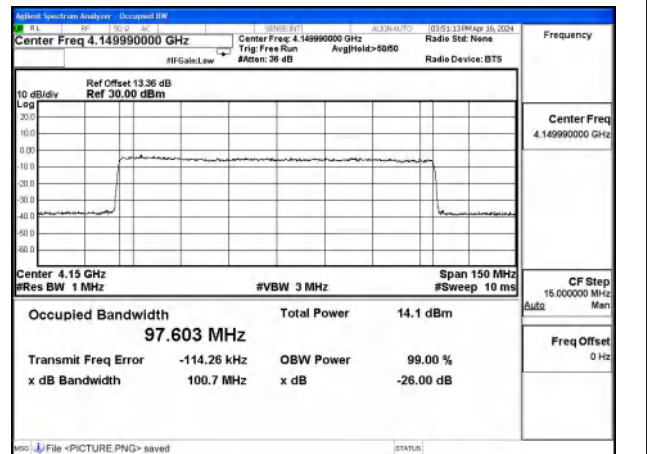


Fig.46

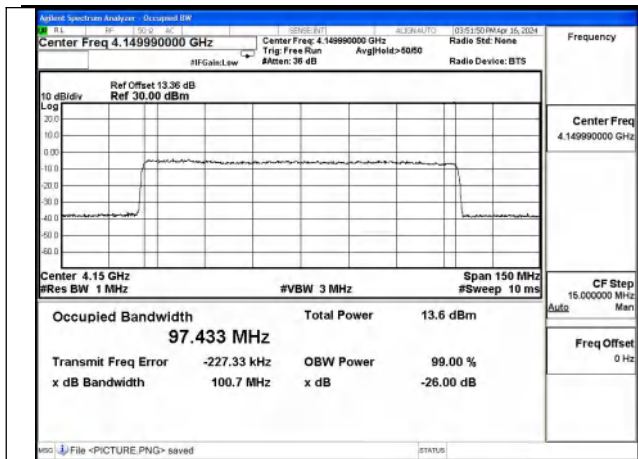


Fig.47

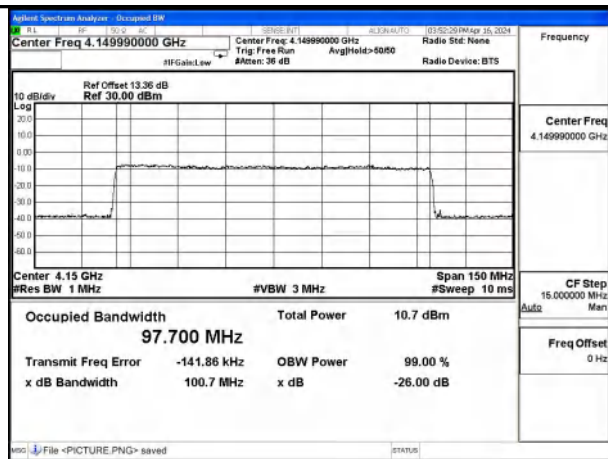
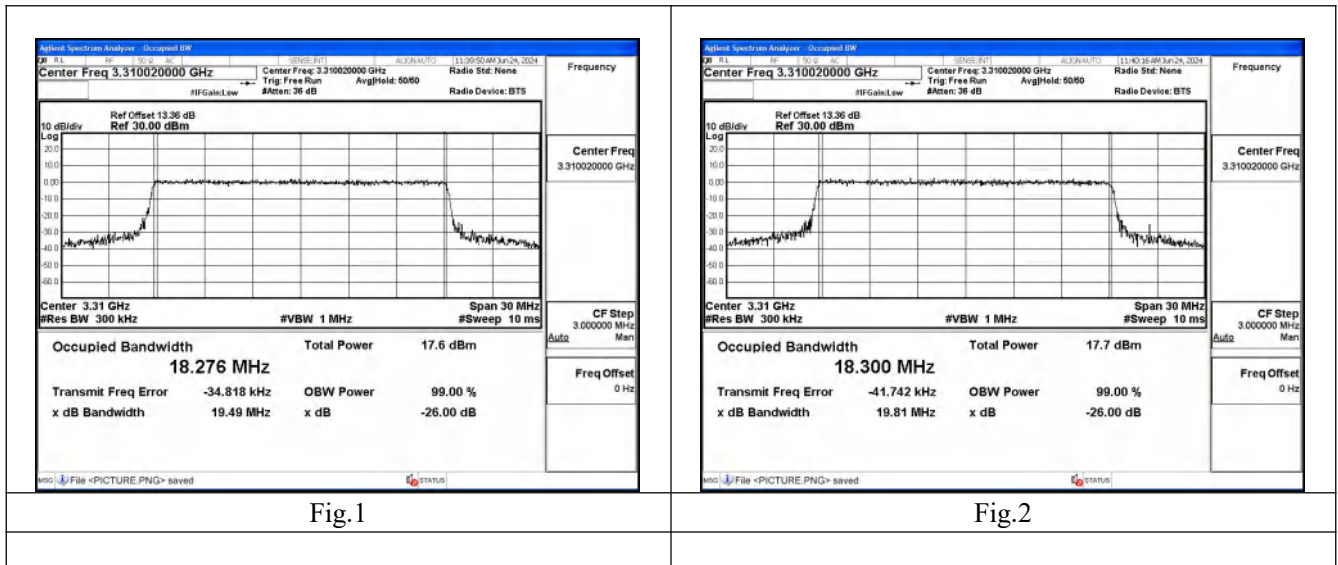


Fig.48

补充

| Modulation     | Carrier frequency (MHz) | UL Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of -26dB Power (MHz) |        |
|----------------|-------------------------|------------|----------|---------|-----------|--------------------------------|--------|
| CP-OFDM QPSK   | 3310.02                 | 620668     | 20       | 51      | 0         | 19.490                         | Fig.1  |
| CP-OFDM 16QAM  | 3310.02                 | 620668     | 20       | 51      | 0         | 19.810                         | Fig.2  |
| CP-OFDM 64QAM  | 3310.02                 | 620668     | 20       | 51      | 0         | 19.500                         | Fig.3  |
| CP-OFDM 256QAM | 3310.02                 | 620668     | 20       | 51      | 0         | 19.690                         | Fig.4  |
| CP-OFDM QPSK   | 3750                    | 650000     | 20       | 51      | 0         | 20.040                         | Fig.5  |
| CP-OFDM 16QAM  | 3750                    | 650000     | 20       | 51      | 0         | 19.550                         | Fig.6  |
| CP-OFDM 64QAM  | 3750                    | 650000     | 20       | 51      | 0         | 19.790                         | Fig.7  |
| CP-OFDM 256QAM | 3750                    | 650000     | 20       | 51      | 0         | 19.880                         | Fig.8  |
| CP-OFDM QPSK   | 4189.98                 | 679332     | 20       | 51      | 0         | 19.610                         | Fig.9  |
| CP-OFDM 16QAM  | 4189.98                 | 679332     | 20       | 51      | 0         | 19.880                         | Fig.10 |
| CP-OFDM 64QAM  | 4189.98                 | 679332     | 20       | 51      | 0         | 20.990                         | Fig.11 |
| CP-OFDM 256QAM | 4189.98                 | 679332     | 20       | 51      | 0         | 19.620                         | Fig.12 |
| CP-OFDM QPSK   | 3340.02                 | 622668     | 80       | 217     | 0         | 80.620                         | Fig.13 |
| CP-OFDM 16QAM  | 3340.02                 | 622668     | 80       | 217     | 0         | 80.650                         | Fig.14 |
| CP-OFDM 64QAM  | 3340.02                 | 622668     | 80       | 217     | 0         | 80.610                         | Fig.15 |
| CP-OFDM 256QAM | 3340.02                 | 622668     | 80       | 217     | 0         | 80.480                         | Fig.16 |
| CP-OFDM QPSK   | 3750                    | 650000     | 80       | 217     | 0         | 80.470                         | Fig.17 |
| CP-OFDM 16QAM  | 3750                    | 650000     | 80       | 217     | 0         | 80.510                         | Fig.18 |
| CP-OFDM 64QAM  | 3750                    | 650000     | 80       | 217     | 0         | 80.440                         | Fig.19 |
| CP-OFDM 256QAM | 3750                    | 650000     | 80       | 217     | 0         | 80.440                         | Fig.20 |
| CP-OFDM QPSK   | 4159.98                 | 677332     | 80       | 217     | 0         | 80.470                         | Fig.21 |
| CP-OFDM 16QAM  | 4159.98                 | 677332     | 80       | 217     | 0         | 80.580                         | Fig.22 |
| CP-OFDM 64QAM  | 4159.98                 | 677332     | 80       | 217     | 0         | 80.570                         | Fig.23 |
| CP-OFDM 256QAM | 4159.98                 | 677332     | 80       | 217     | 0         | 80.480                         | Fig.24 |

Test Plot:



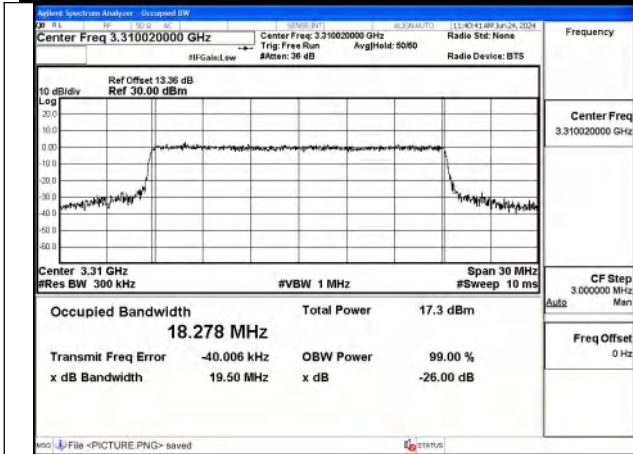


Fig.3

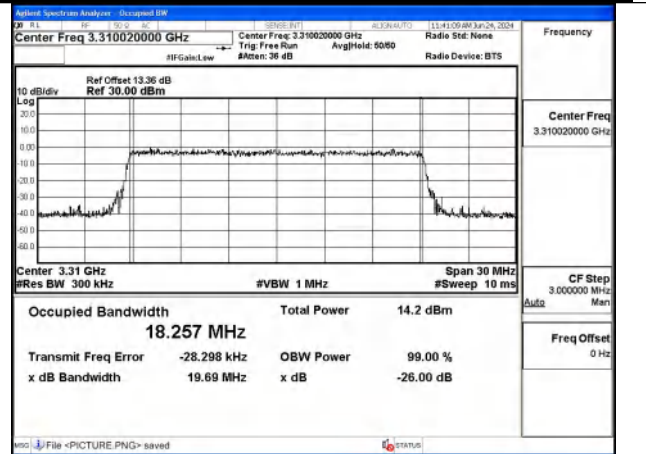


Fig.4

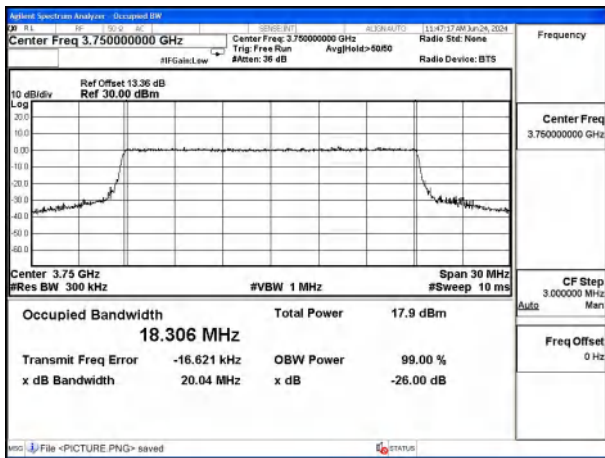


Fig.5

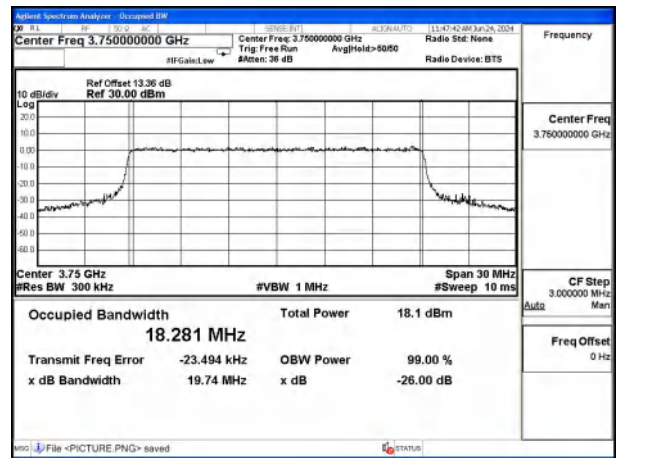


Fig.6

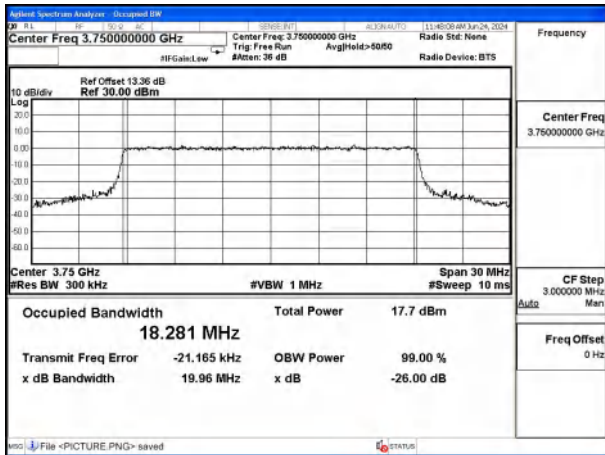


Fig.7

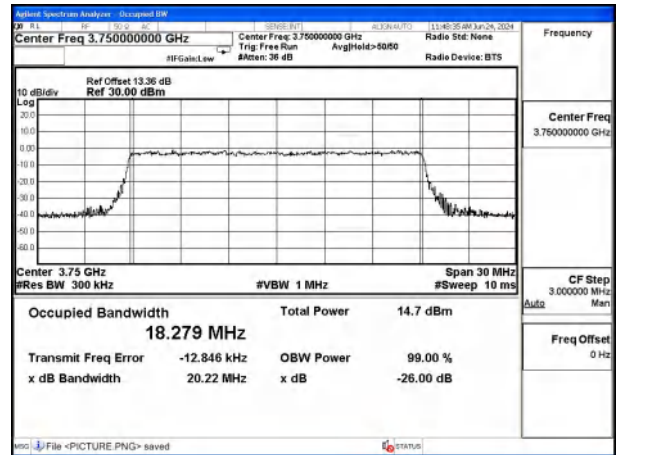


Fig.8

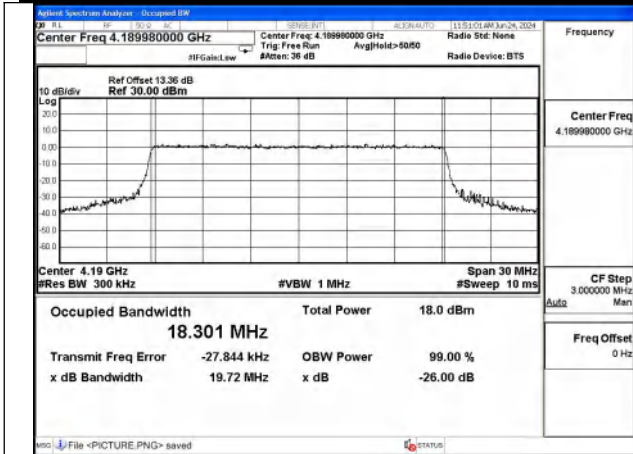


Fig.9

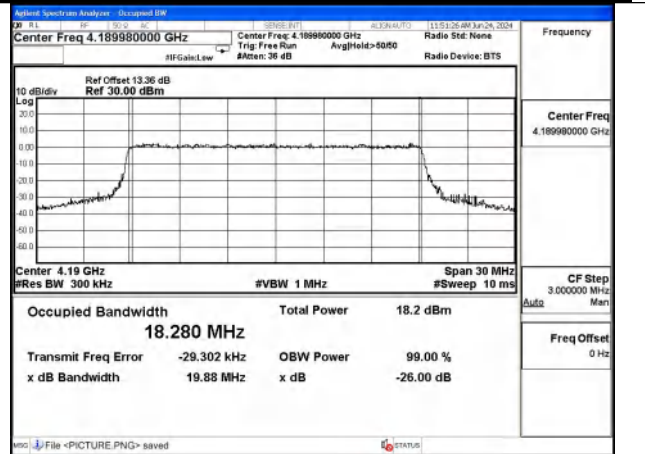


Fig.10

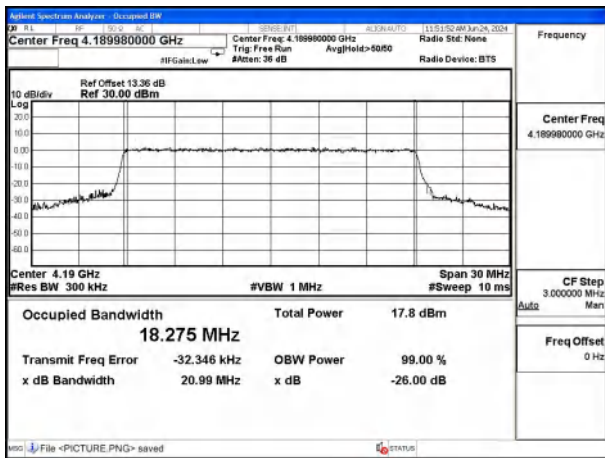


Fig.11

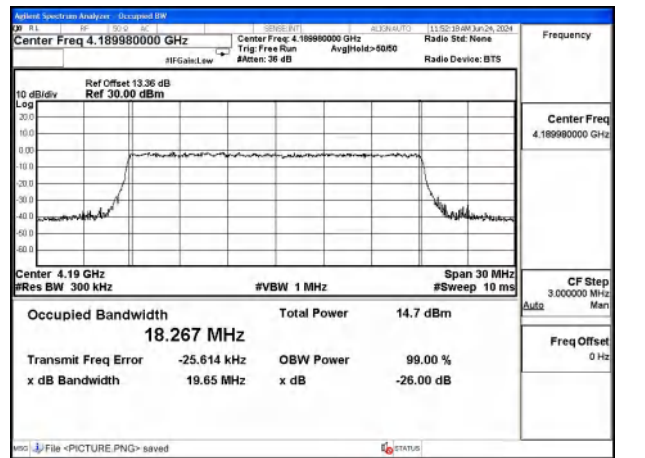


Fig.12

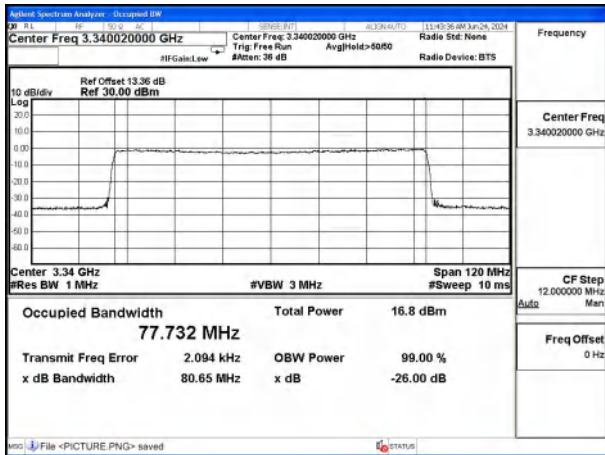


Fig.13

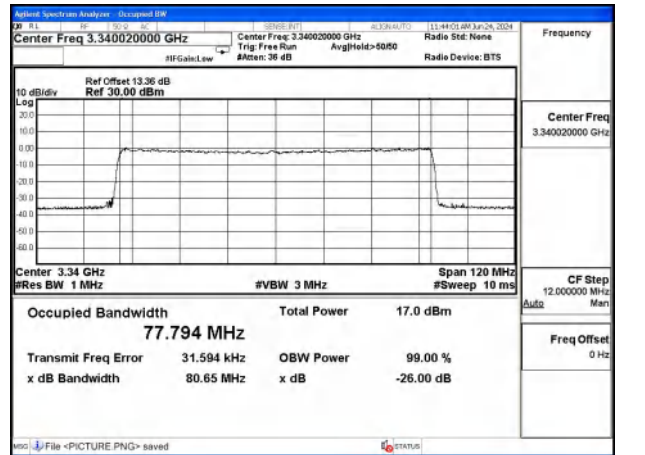


Fig.14

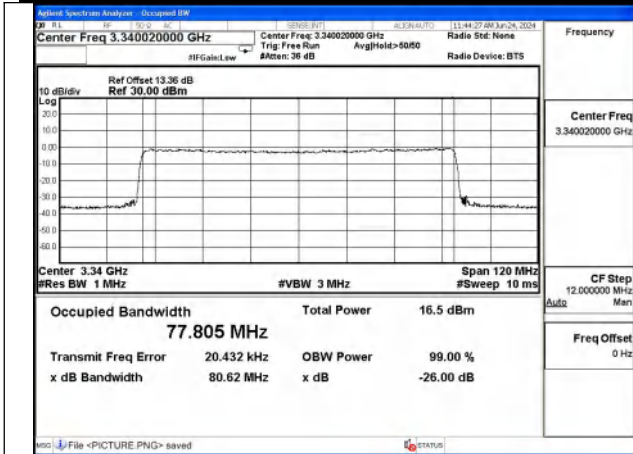


Fig.15

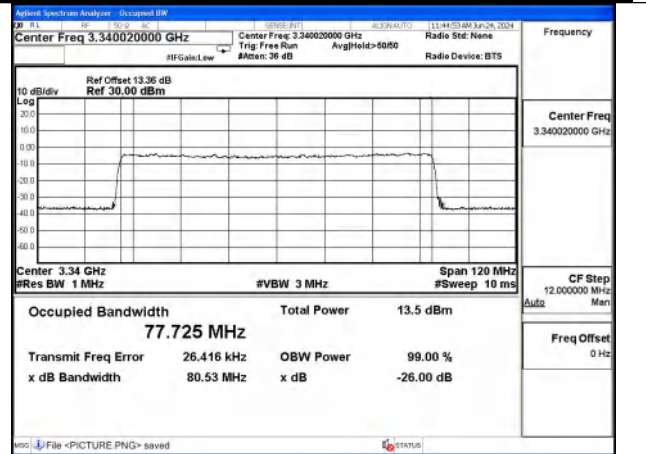


Fig.16

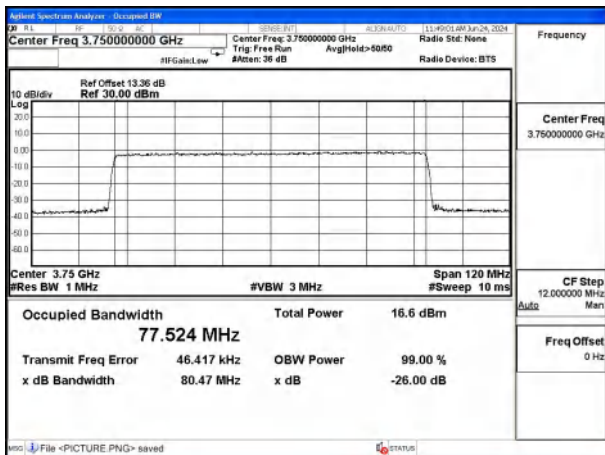


Fig.17

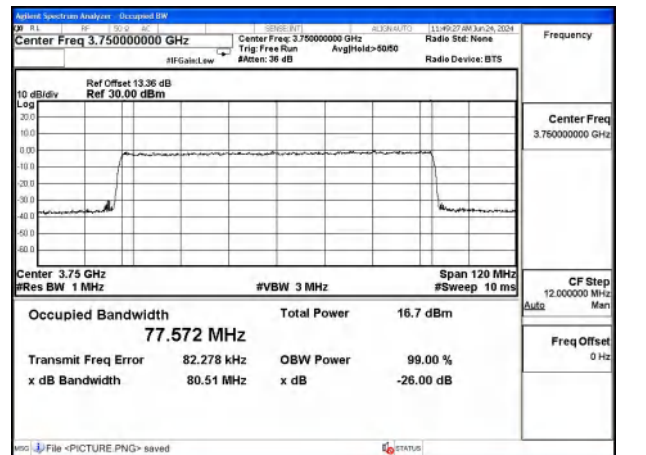


Fig.18

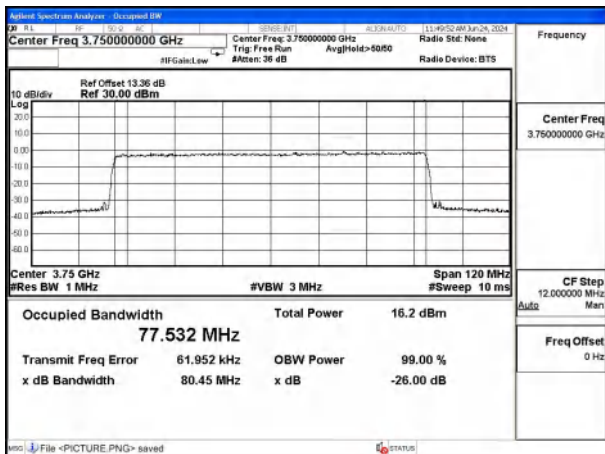


Fig.19

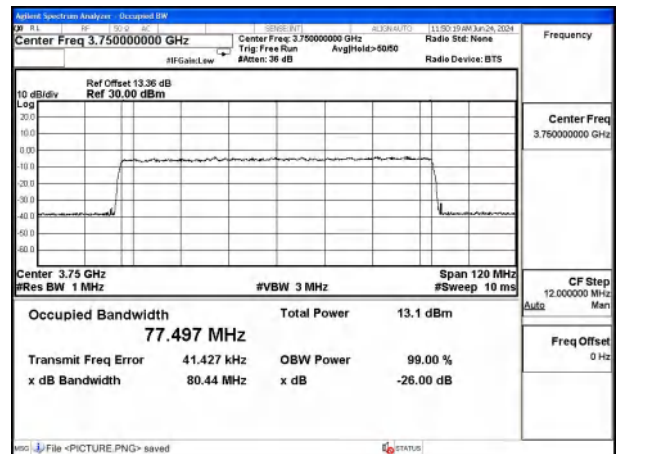


Fig.20

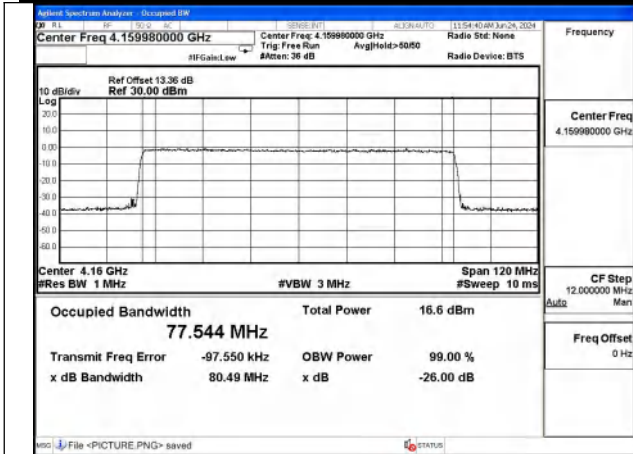


Fig.21

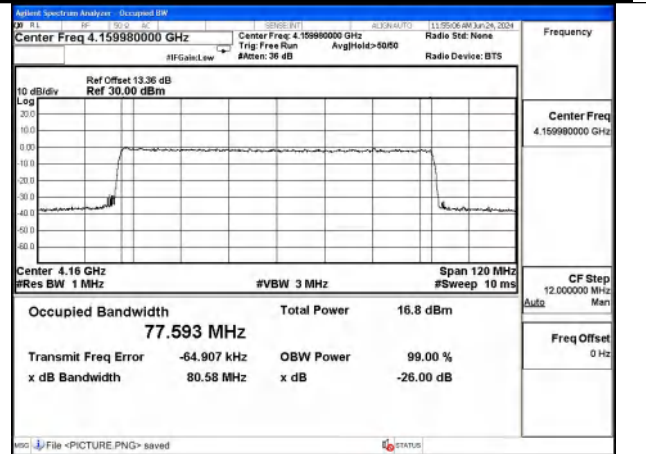


Fig.22

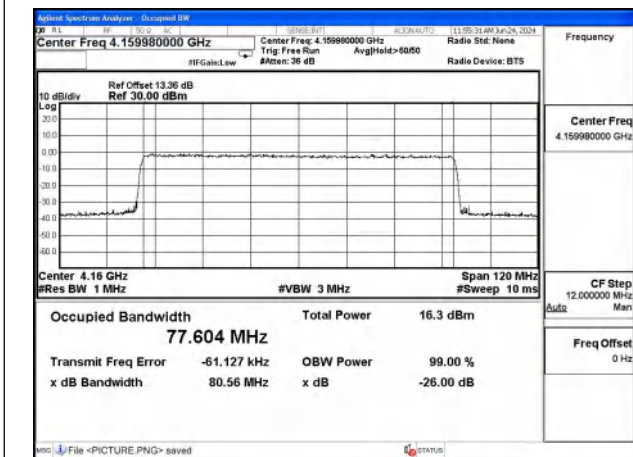


Fig.23

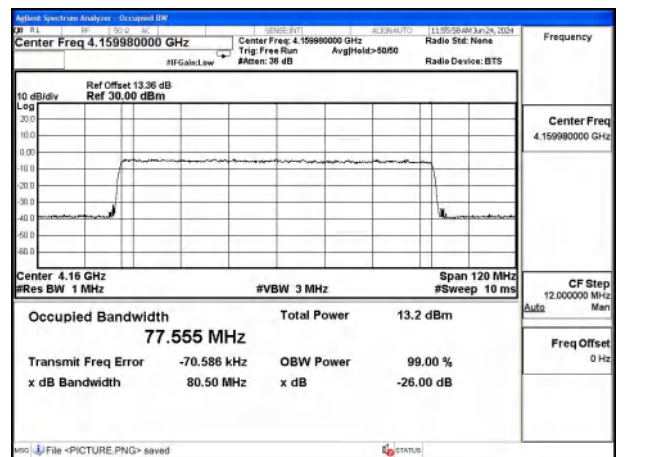
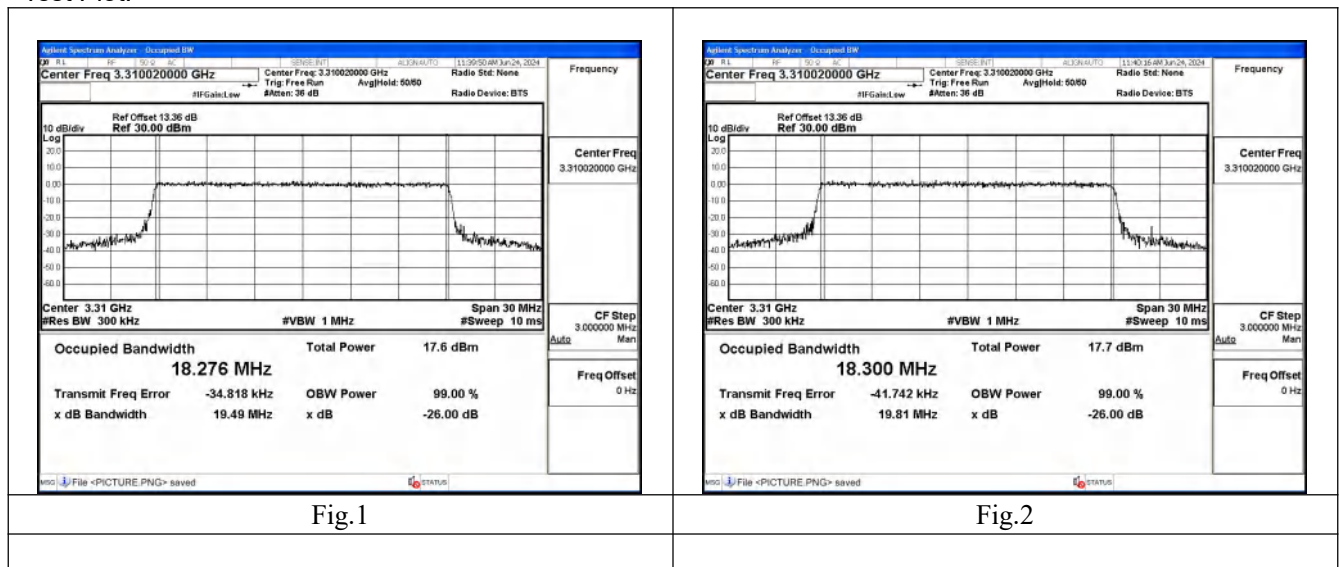


Fig.24

补充

| Modulation     | Carrier frequency (MHz) | UL Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of -26dB Power (MHz) |        |
|----------------|-------------------------|------------|----------|---------|-----------|--------------------------------|--------|
| CP-OFDM QPSK   | 3310.02                 | 620668     | 20       | 51      | 0         | 19.490                         | Fig.1  |
| CP-OFDM 16QAM  | 3310.02                 | 620668     | 20       | 51      | 0         | 19.810                         | Fig.2  |
| CP-OFDM 64QAM  | 3310.02                 | 620668     | 20       | 51      | 0         | 19.500                         | Fig.3  |
| CP-OFDM 256QAM | 3310.02                 | 620668     | 20       | 51      | 0         | 19.690                         | Fig.4  |
| CP-OFDM QPSK   | 3750                    | 650000     | 20       | 51      | 0         | 20.040                         | Fig.5  |
| CP-OFDM 16QAM  | 3750                    | 650000     | 20       | 51      | 0         | 19.550                         | Fig.6  |
| CP-OFDM 64QAM  | 3750                    | 650000     | 20       | 51      | 0         | 19.790                         | Fig.7  |
| CP-OFDM 256QAM | 3750                    | 650000     | 20       | 51      | 0         | 19.880                         | Fig.8  |
| CP-OFDM QPSK   | 4189.98                 | 679332     | 20       | 51      | 0         | 19.610                         | Fig.9  |
| CP-OFDM 16QAM  | 4189.98                 | 679332     | 20       | 51      | 0         | 19.880                         | Fig.10 |
| CP-OFDM 64QAM  | 4189.98                 | 679332     | 20       | 51      | 0         | 20.990                         | Fig.11 |
| CP-OFDM 256QAM | 4189.98                 | 679332     | 20       | 51      | 0         | 19.620                         | Fig.12 |
| CP-OFDM QPSK   | 3340.02                 | 622668     | 80       | 217     | 0         | 80.620                         | Fig.13 |
| CP-OFDM 16QAM  | 3340.02                 | 622668     | 80       | 217     | 0         | 80.650                         | Fig.14 |
| CP-OFDM 64QAM  | 3340.02                 | 622668     | 80       | 217     | 0         | 80.610                         | Fig.15 |
| CP-OFDM 256QAM | 3340.02                 | 622668     | 80       | 217     | 0         | 80.480                         | Fig.16 |
| CP-OFDM QPSK   | 3750                    | 650000     | 80       | 217     | 0         | 80.470                         | Fig.17 |
| CP-OFDM 16QAM  | 3750                    | 650000     | 80       | 217     | 0         | 80.510                         | Fig.18 |
| CP-OFDM 64QAM  | 3750                    | 650000     | 80       | 217     | 0         | 80.440                         | Fig.19 |
| CP-OFDM 256QAM | 3750                    | 650000     | 80       | 217     | 0         | 80.440                         | Fig.20 |
| CP-OFDM QPSK   | 4159.98                 | 677332     | 80       | 217     | 0         | 80.470                         | Fig.21 |
| CP-OFDM 16QAM  | 4159.98                 | 677332     | 80       | 217     | 0         | 80.580                         | Fig.22 |
| CP-OFDM 64QAM  | 4159.98                 | 677332     | 80       | 217     | 0         | 80.570                         | Fig.23 |
| CP-OFDM 256QAM | 4159.98                 | 677332     | 80       | 217     | 0         | 80.480                         | Fig.24 |

Test Plot:



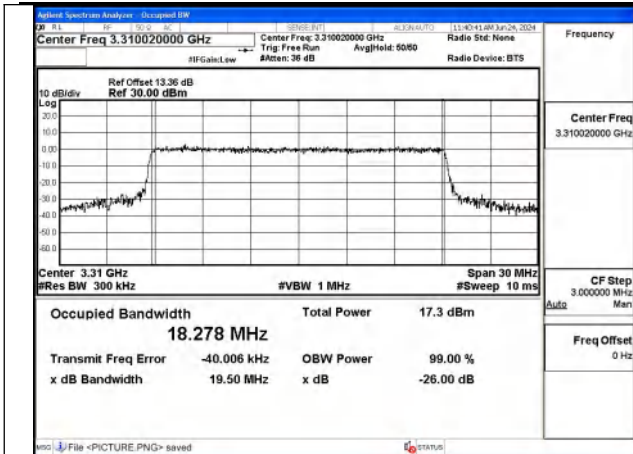


Fig.3

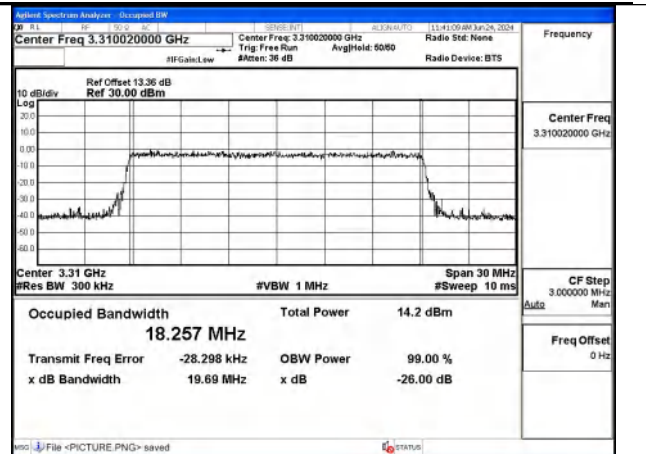


Fig.4

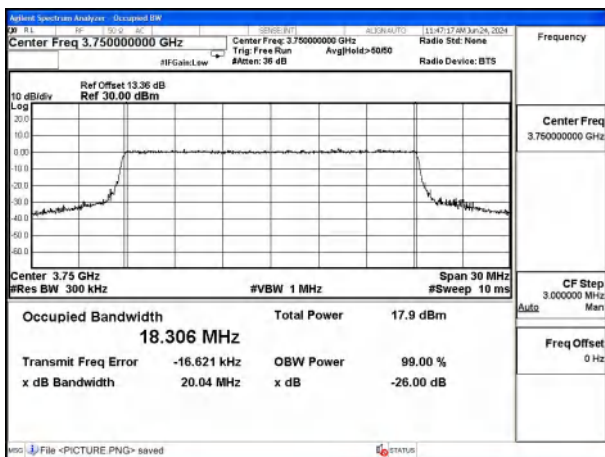


Fig.5

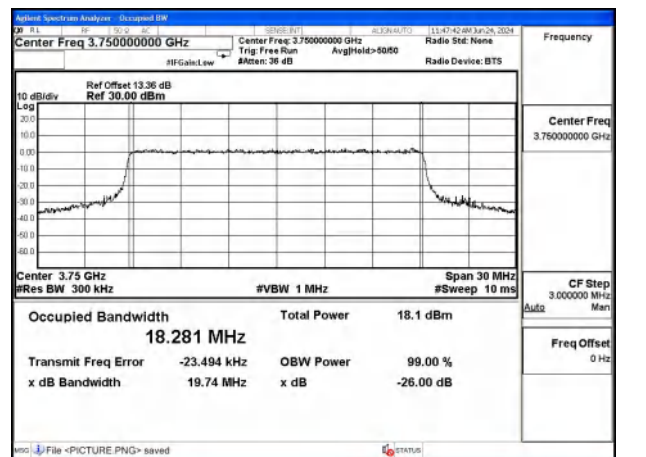


Fig.6

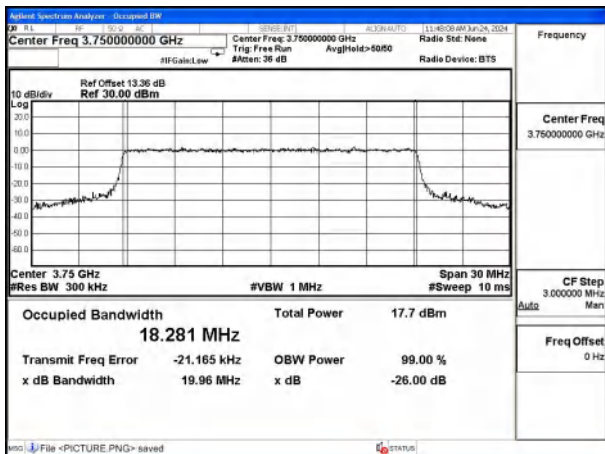


Fig.7

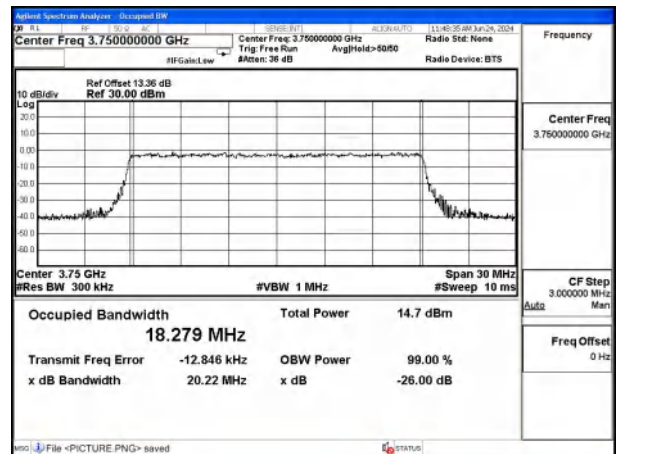


Fig.8

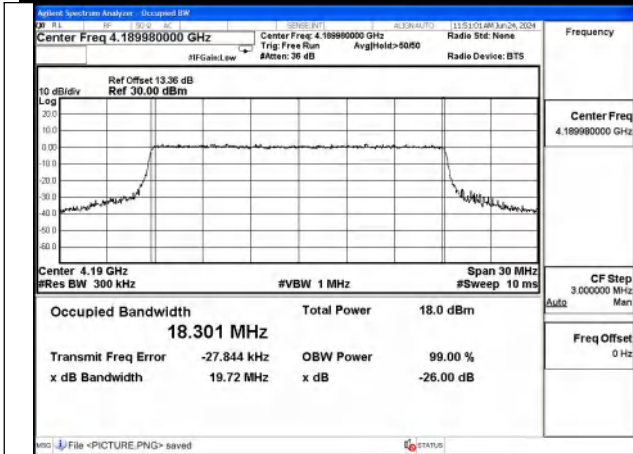


Fig.9

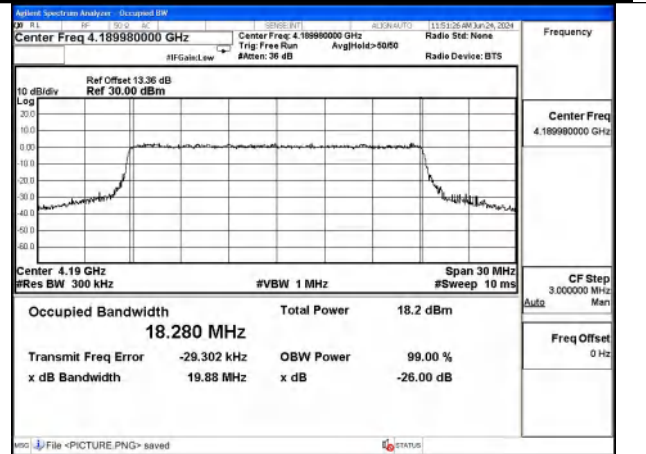


Fig.10

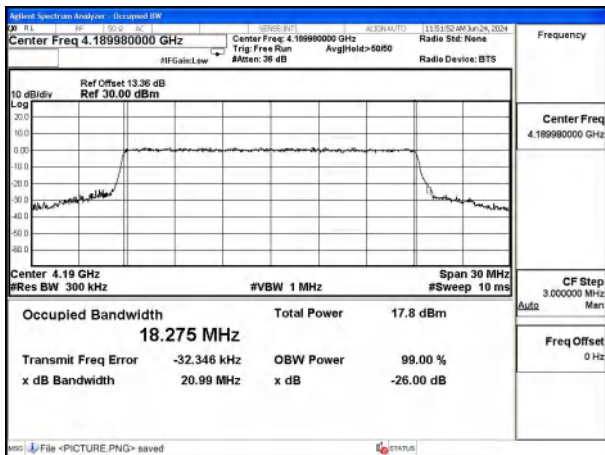


Fig.11

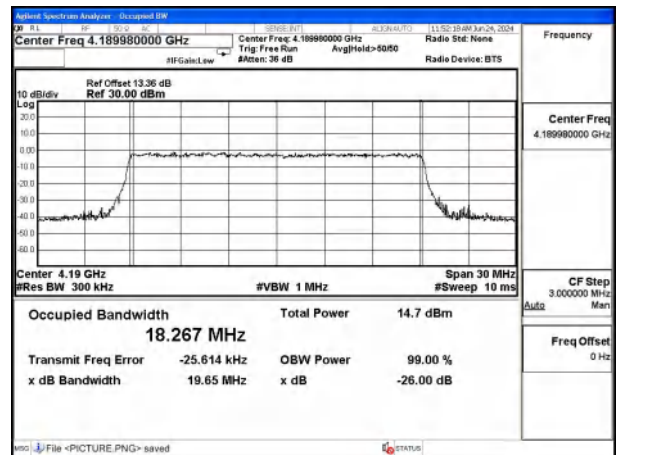


Fig.12

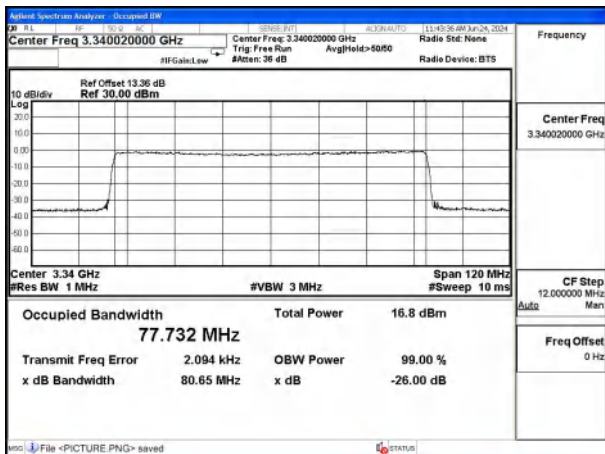


Fig.13

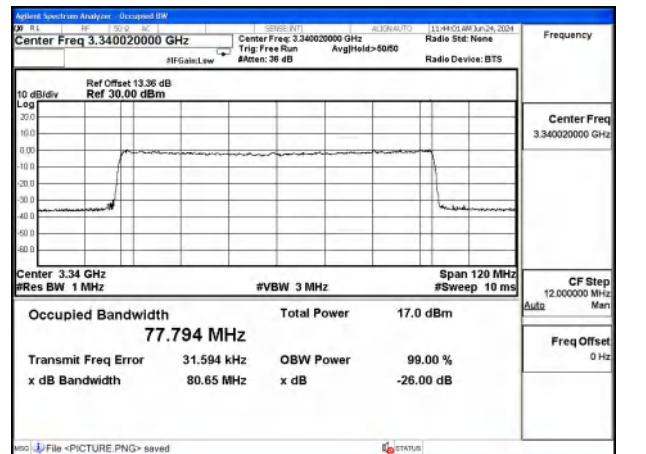


Fig.14

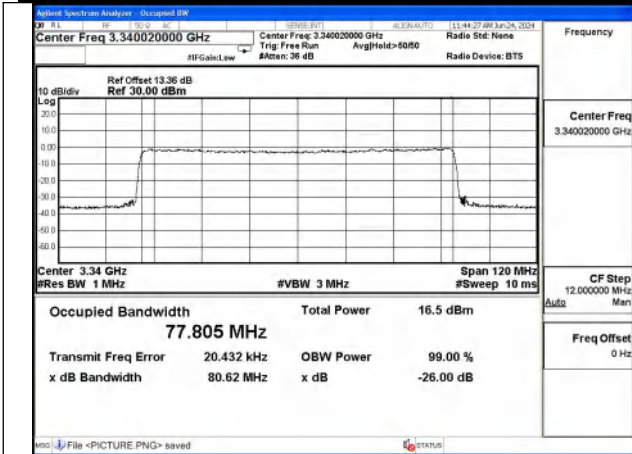


Fig.15

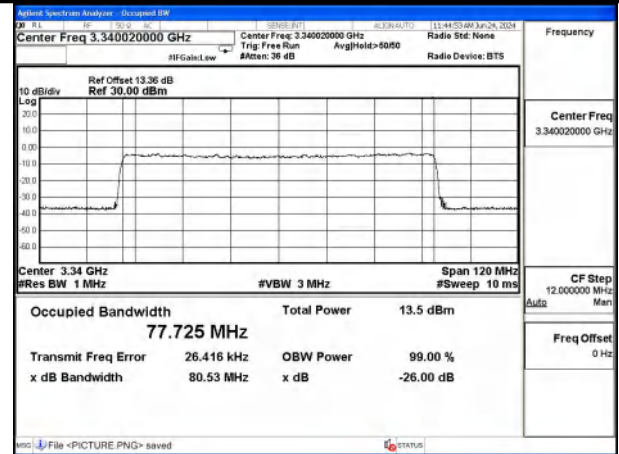


Fig.16

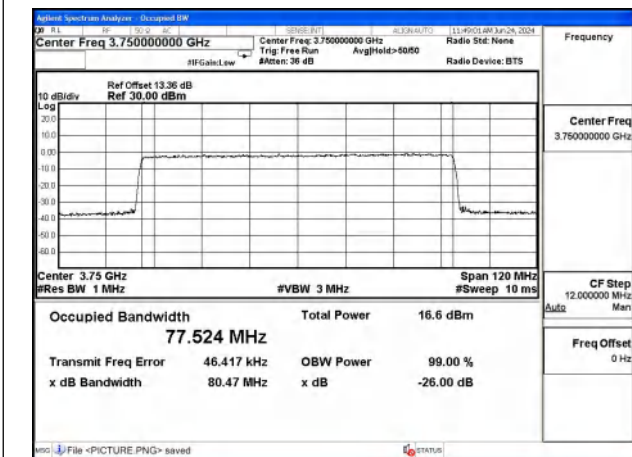


Fig.17

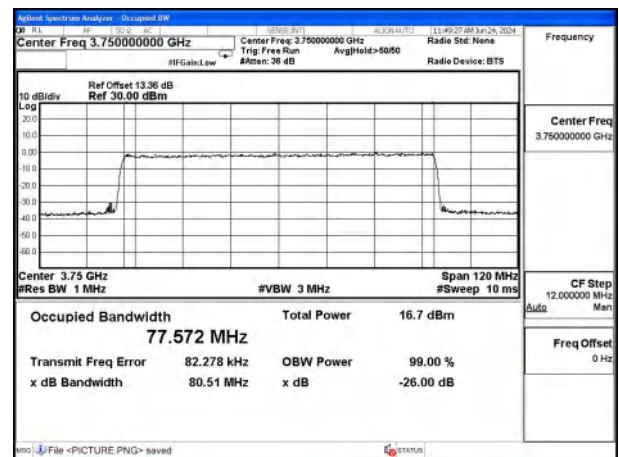


Fig.18

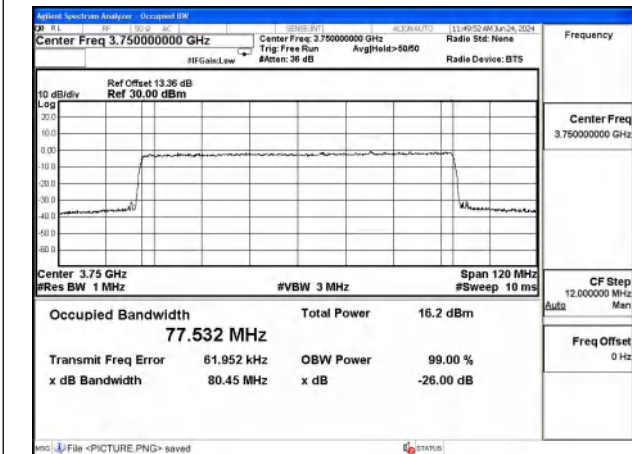


Fig.19

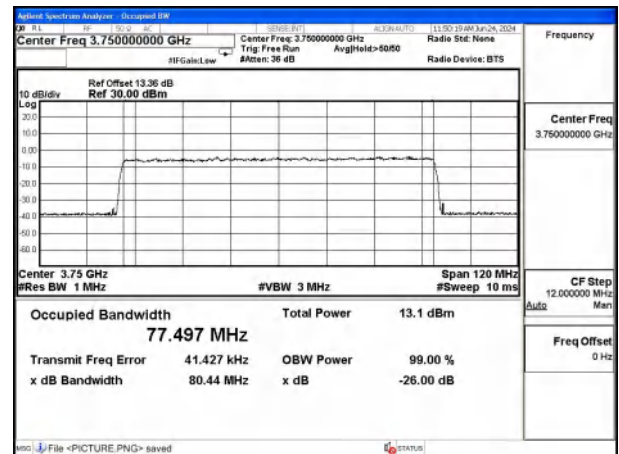


Fig.20

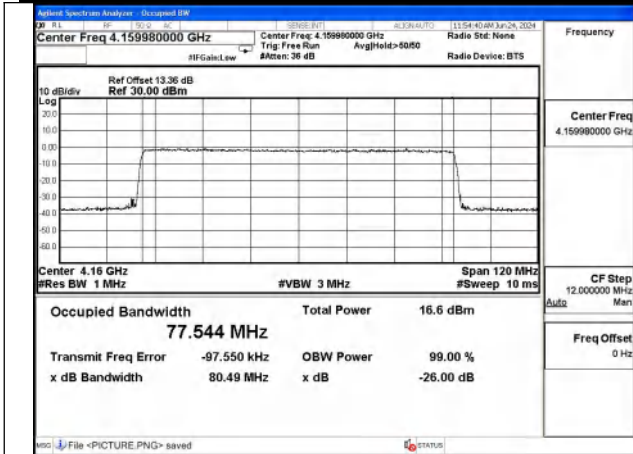


Fig.21

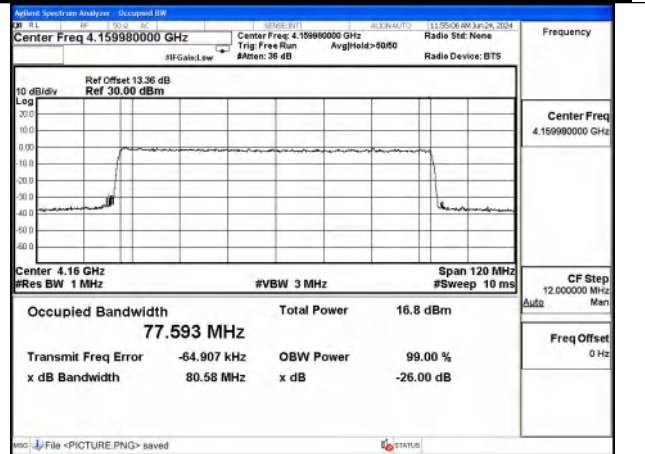


Fig.22

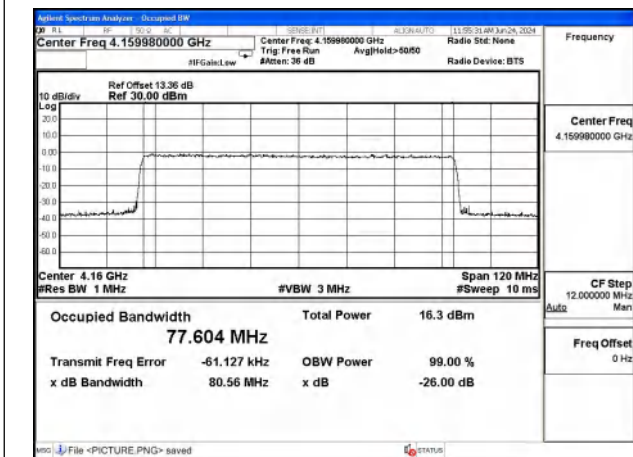


Fig.23

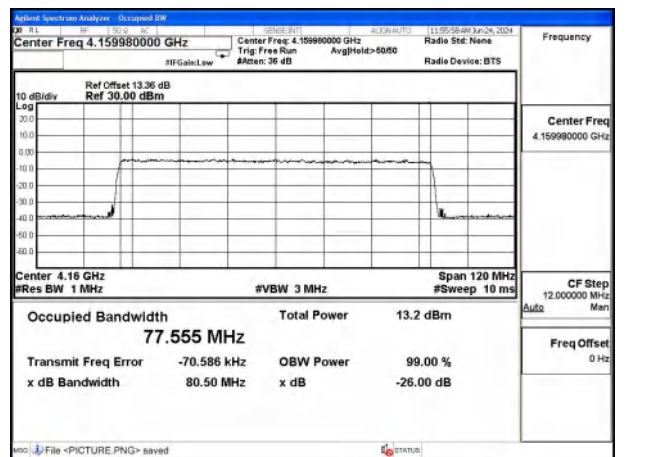


Fig.24

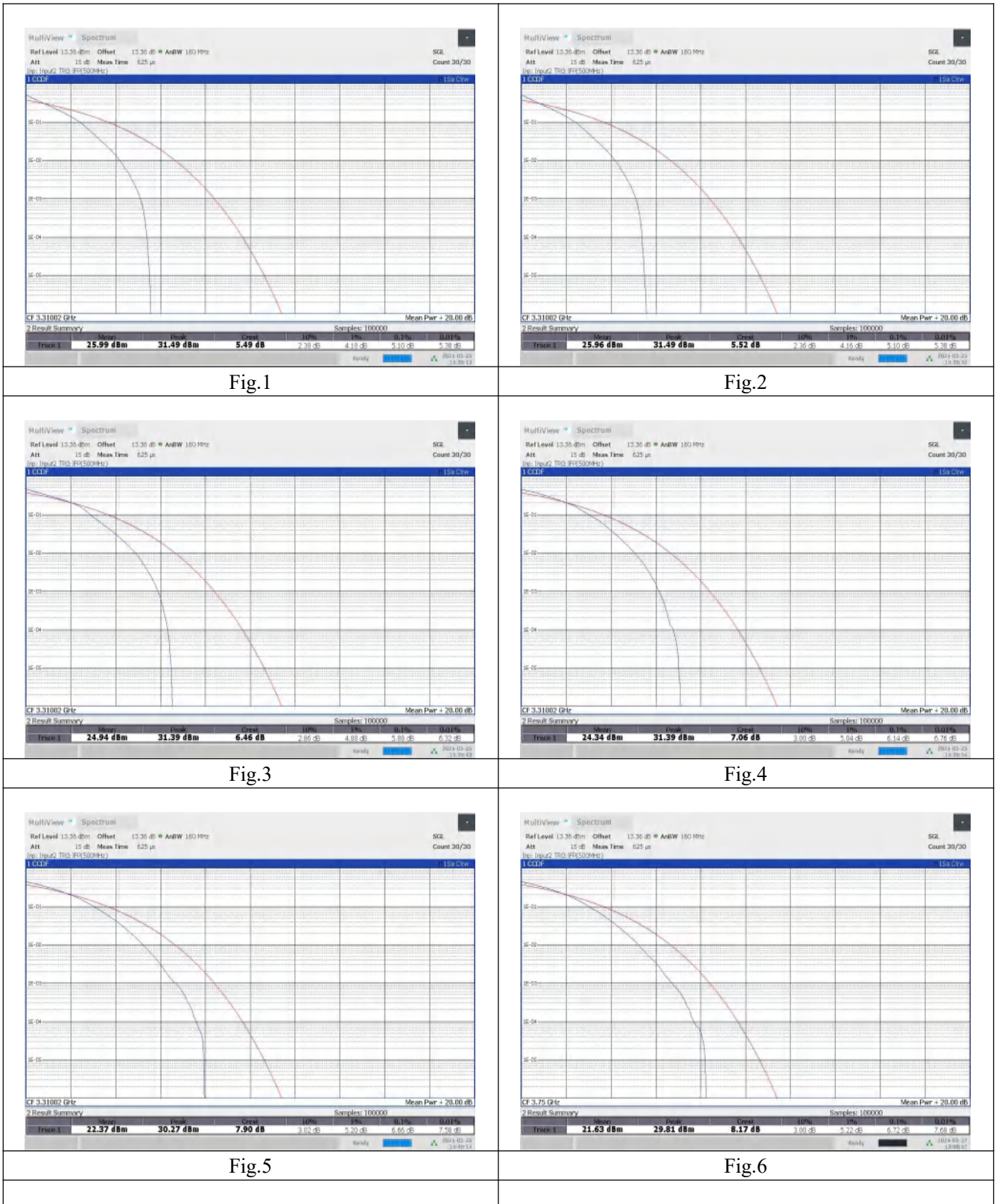
#### 4 Peak-Average Ratio

| Modulation           | Carrier frequency (MHz) | UL Channel | BW (MHz) | RB Size | RB Offset | PAR Plot |
|----------------------|-------------------------|------------|----------|---------|-----------|----------|
| DFT-s-OFDM PI/2 BPSK | 3310.02                 | 620668     | 20       | 50      | 0         | Fig.1    |
| DFT-s-OFDM QPSK      | 3310.02                 | 620668     | 20       | 50      | 0         | Fig.2    |
| DFT-s-OFDM 16QAM     | 3310.02                 | 620668     | 20       | 50      | 0         | Fig.3    |
| DFT-s-OFDM 64QAM     | 3310.02                 | 620668     | 20       | 50      | 0         | Fig.4    |
| DFT-s-OFDM 256QAM    | 3310.02                 | 620668     | 20       | 50      | 0         | Fig.5    |
| DFT-s-OFDM PI/2 BPSK | 3750                    | 650000     | 20       | 50      | 0         | Fig.6    |
| DFT-s-OFDM QPSK      | 3750                    | 650000     | 20       | 50      | 0         | Fig.7    |
| DFT-s-OFDM 16QAM     | 3750                    | 650000     | 20       | 50      | 0         | Fig.8    |
| DFT-s-OFDM 64QAM     | 3750                    | 650000     | 20       | 50      | 0         | Fig.9    |
| DFT-s-OFDM 256QAM    | 3750                    | 650000     | 20       | 50      | 0         | Fig.10   |
| DFT-s-OFDM PI/2 BPSK | 4189.98                 | 679332     | 20       | 50      | 0         | Fig.11   |
| DFT-s-OFDM QPSK      | 4189.98                 | 679332     | 20       | 50      | 0         | Fig.12   |
| DFT-s-OFDM 16QAM     | 4189.98                 | 679332     | 20       | 50      | 0         | Fig.13   |
| DFT-s-OFDM 64QAM     | 4189.98                 | 679332     | 20       | 50      | 0         | Fig.14   |
| DFT-s-OFDM 256QAM    | 4189.98                 | 679332     | 20       | 50      | 0         | Fig.15   |
| DFT-s-OFDM PI/2 BPSK | 3315                    | 621000     | 30       | 75      | 0         | Fig.16   |
| DFT-s-OFDM QPSK      | 3315                    | 621000     | 30       | 75      | 0         | Fig.17   |
| DFT-s-OFDM 16QAM     | 3315                    | 621000     | 30       | 75      | 0         | Fig.18   |
| DFT-s-OFDM 64QAM     | 3315                    | 621000     | 30       | 75      | 0         | Fig.19   |
| DFT-s-OFDM 256QAM    | 3315                    | 621000     | 30       | 75      | 0         | Fig.20   |
| DFT-s-OFDM PI/2 BPSK | 3750                    | 650000     | 30       | 75      | 0         | Fig.21   |
| DFT-s-OFDM QPSK      | 3750                    | 650000     | 30       | 75      | 0         | Fig.22   |
| DFT-s-OFDM 16QAM     | 3750                    | 650000     | 30       | 75      | 0         | Fig.23   |
| DFT-s-OFDM 64QAM     | 3750                    | 650000     | 30       | 75      | 0         | Fig.24   |
| DFT-s-OFDM 256QAM    | 3750                    | 650000     | 30       | 75      | 0         | Fig.25   |
| DFT-s-OFDM PI/2 BPSK | 4185                    | 679000     | 30       | 75      | 0         | Fig.26   |
| DFT-s-OFDM QPSK      | 4185                    | 679000     | 30       | 75      | 0         | Fig.27   |
| DFT-s-OFDM 16QAM     | 4185                    | 679000     | 30       | 75      | 0         | Fig.28   |
| DFT-s-OFDM 64QAM     | 4185                    | 679000     | 30       | 75      | 0         | Fig.29   |
| DFT-s-OFDM 256QAM    | 4185                    | 679000     | 30       | 75      | 0         | Fig.30   |
| DFT-s-OFDM PI/2 BPSK | 3320.01                 | 621334     | 40       | 100     | 0         | Fig.31   |
| DFT-s-OFDM QPSK      | 3320.01                 | 621334     | 40       | 100     | 0         | Fig.32   |
| DFT-s-OFDM 16QAM     | 3320.01                 | 621334     | 40       | 100     | 0         | Fig.33   |
| DFT-s-OFDM 64QAM     | 3320.01                 | 621334     | 40       | 100     | 0         | Fig.34   |
| DFT-s-OFDM 256QAM    | 3320.01                 | 621334     | 40       | 100     | 0         | Fig.35   |
| DFT-s-OFDM PI/2 BPSK | 3750                    | 650000     | 40       | 100     | 0         | Fig.36   |
| DFT-s-OFDM QPSK      | 3750                    | 650000     | 40       | 100     | 0         | Fig.37   |
| DFT-s-OFDM 16QAM     | 3750                    | 650000     | 40       | 100     | 0         | Fig.38   |
| DFT-s-OFDM 64QAM     | 3750                    | 650000     | 40       | 100     | 0         | Fig.39   |
| DFT-s-OFDM 256QAM    | 3750                    | 650000     | 40       | 100     | 0         | Fig.40   |
| DFT-s-OFDM PI/2 BPSK | 4179.99                 | 678666     | 40       | 100     | 0         | Fig.41   |
| DFT-s-OFDM QPSK      | 4179.99                 | 678666     | 40       | 100     | 0         | Fig.42   |
| DFT-s-OFDM 16QAM     | 4179.99                 | 678666     | 40       | 100     | 0         | Fig.43   |

|                      |         |        |     |     |   |        |
|----------------------|---------|--------|-----|-----|---|--------|
| DFT-s-OFDM 64QAM     | 4179.99 | 678666 | 40  | 100 | 0 | Fig.44 |
| DFT-s-OFDM 256QAM    | 4179.99 | 678666 | 40  | 100 | 0 | Fig.45 |
| DFT-s-OFDM PI/2 BPSK | 3330    | 622000 | 60  | 162 | 0 | Fig.46 |
| DFT-s-OFDM QPSK      | 3330    | 622000 | 60  | 162 | 0 | Fig.47 |
| DFT-s-OFDM 16QAM     | 3330    | 622000 | 60  | 162 | 0 | Fig.48 |
| DFT-s-OFDM 64QAM     | 3330    | 622000 | 60  | 162 | 0 | Fig.49 |
| DFT-s-OFDM 256QAM    | 3330    | 622000 | 60  | 162 | 0 | Fig.50 |
| DFT-s-OFDM PI/2 BPSK | 3750    | 650000 | 60  | 162 | 0 | Fig.51 |
| DFT-s-OFDM QPSK      | 3750    | 650000 | 60  | 162 | 0 | Fig.52 |
| DFT-s-OFDM 16QAM     | 3750    | 650000 | 60  | 162 | 0 | Fig.53 |
| DFT-s-OFDM 64QAM     | 3750    | 650000 | 60  | 162 | 0 | Fig.54 |
| DFT-s-OFDM 256QAM    | 3750    | 650000 | 60  | 162 | 0 | Fig.55 |
| DFT-s-OFDM PI/2 BPSK | 4170    | 678000 | 60  | 162 | 0 | Fig.56 |
| DFT-s-OFDM QPSK      | 4170    | 678000 | 60  | 162 | 0 | Fig.57 |
| DFT-s-OFDM 16QAM     | 4170    | 678000 | 60  | 162 | 0 | Fig.58 |
| DFT-s-OFDM 64QAM     | 4170    | 678000 | 60  | 162 | 0 | Fig.59 |
| DFT-s-OFDM 256QAM    | 4170    | 678000 | 60  | 162 | 0 | Fig.60 |
| DFT-s-OFDM PI/2 BPSK | 3340.02 | 622668 | 80  | 216 | 0 | Fig.61 |
| DFT-s-OFDM QPSK      | 3340.02 | 622668 | 80  | 216 | 0 | Fig.62 |
| DFT-s-OFDM 16QAM     | 3340.02 | 622668 | 80  | 216 | 0 | Fig.63 |
| DFT-s-OFDM 64QAM     | 3340.02 | 622668 | 80  | 216 | 0 | Fig.64 |
| DFT-s-OFDM 256QAM    | 3340.02 | 622668 | 80  | 216 | 0 | Fig.65 |
| DFT-s-OFDM PI/2 BPSK | 3750    | 650000 | 80  | 216 | 0 | Fig.66 |
| DFT-s-OFDM QPSK      | 3750    | 650000 | 80  | 216 | 0 | Fig.67 |
| DFT-s-OFDM 16QAM     | 3750    | 650000 | 80  | 216 | 0 | Fig.68 |
| DFT-s-OFDM 64QAM     | 3750    | 650000 | 80  | 216 | 0 | Fig.69 |
| DFT-s-OFDM 256QAM    | 3750    | 650000 | 80  | 216 | 0 | Fig.70 |
| DFT-s-OFDM PI/2 BPSK | 4159.98 | 677332 | 80  | 216 | 0 | Fig.71 |
| DFT-s-OFDM QPSK      | 4159.98 | 677332 | 80  | 216 | 0 | Fig.72 |
| DFT-s-OFDM 16QAM     | 4159.98 | 677332 | 80  | 216 | 0 | Fig.73 |
| DFT-s-OFDM 64QAM     | 4159.98 | 677332 | 80  | 216 | 0 | Fig.74 |
| DFT-s-OFDM 256QAM    | 4159.98 | 677332 | 80  | 216 | 0 | Fig.75 |
| DFT-s-OFDM PI/2 BPSK | 3350.01 | 623334 | 100 | 270 | 0 | Fig.76 |
| DFT-s-OFDM QPSK      | 3350.01 | 623334 | 100 | 270 | 0 | Fig.77 |
| DFT-s-OFDM 16QAM     | 3350.01 | 623334 | 100 | 270 | 0 | Fig.78 |
| DFT-s-OFDM 64QAM     | 3350.01 | 623334 | 100 | 270 | 0 | Fig.79 |
| DFT-s-OFDM 256QAM    | 3350.01 | 623334 | 100 | 270 | 0 | Fig.80 |
| DFT-s-OFDM PI/2 BPSK | 3750    | 650000 | 100 | 270 | 0 | Fig.81 |
| DFT-s-OFDM QPSK      | 3750    | 650000 | 100 | 270 | 0 | Fig.82 |
| DFT-s-OFDM 16QAM     | 3750    | 650000 | 100 | 270 | 0 | Fig.83 |
| DFT-s-OFDM 64QAM     | 3750    | 650000 | 100 | 270 | 0 | Fig.84 |
| DFT-s-OFDM 256QAM    | 3750    | 650000 | 100 | 270 | 0 | Fig.85 |
| DFT-s-OFDM PI/2 BPSK | 4149.99 | 676666 | 100 | 270 | 0 | Fig.86 |
| DFT-s-OFDM QPSK      | 4149.99 | 676666 | 100 | 270 | 0 | Fig.87 |
| DFT-s-OFDM 16QAM     | 4149.99 | 676666 | 100 | 270 | 0 | Fig.88 |
| DFT-s-OFDM 64QAM     | 4149.99 | 676666 | 100 | 270 | 0 | Fig.89 |

|                   |         |        |     |     |   |        |
|-------------------|---------|--------|-----|-----|---|--------|
| DFT-s-OFDM 256QAM | 4149.99 | 676666 | 100 | 270 | 0 | Fig.90 |
|-------------------|---------|--------|-----|-----|---|--------|

Test Plot:



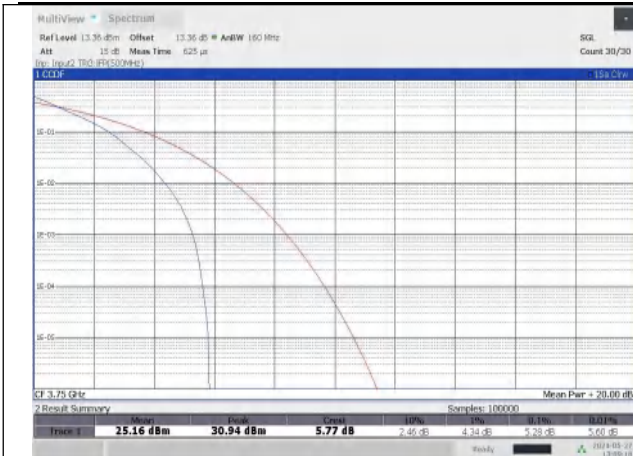


Fig.7

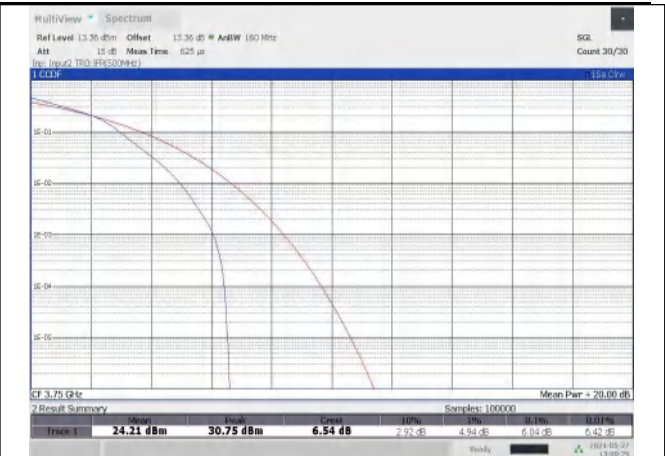


Fig.8

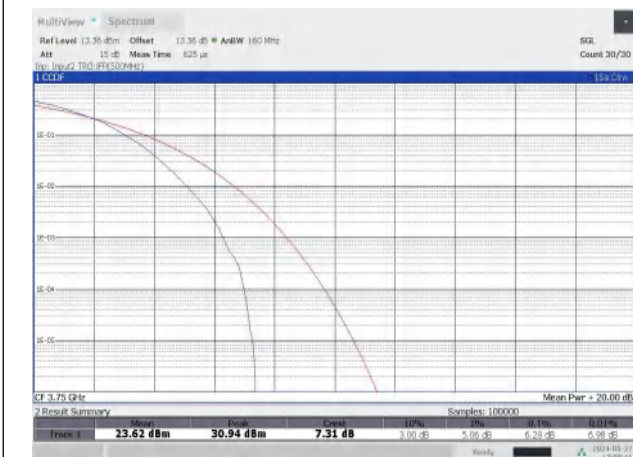


Fig.9

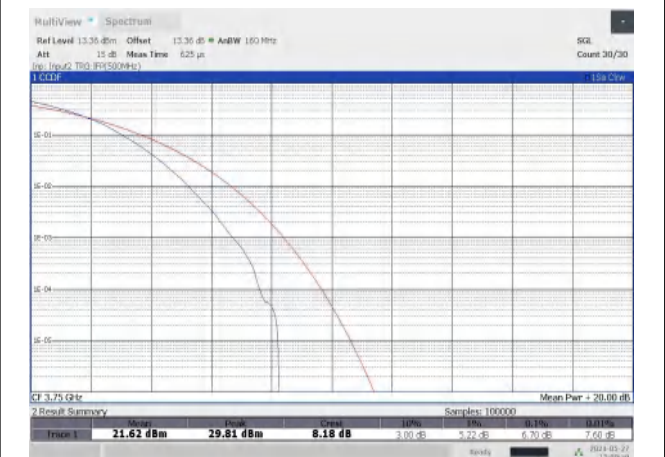


Fig.10

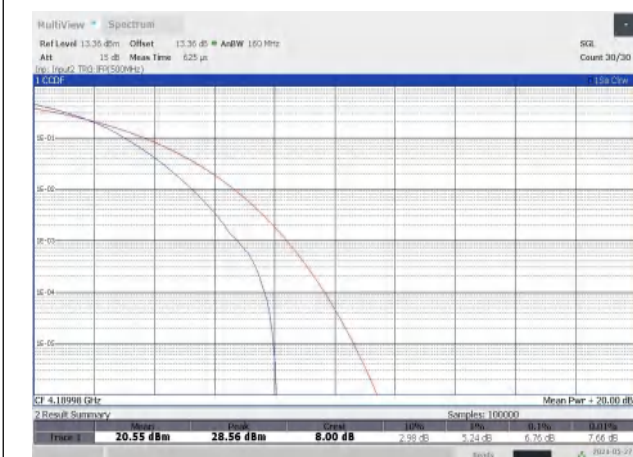


Fig.11

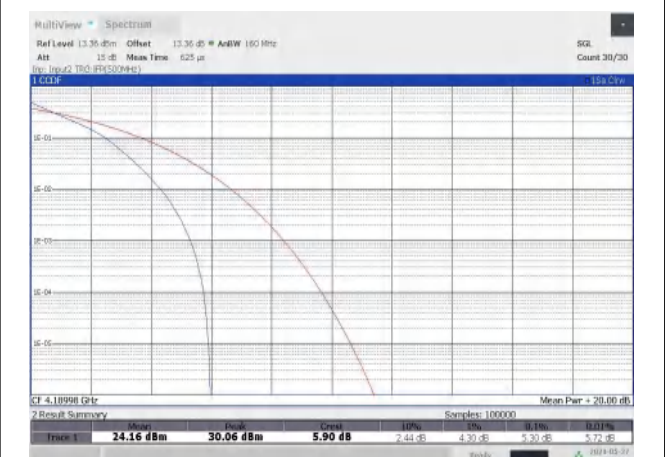


Fig.12

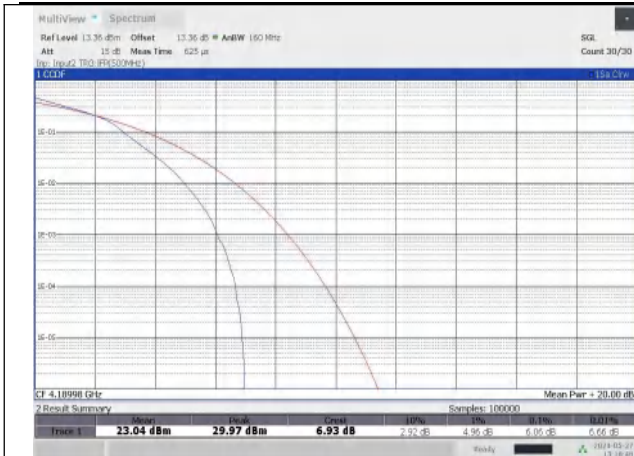


Fig.13

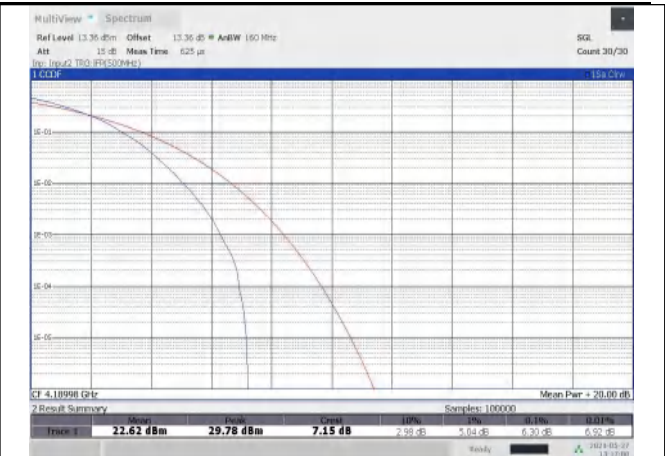


Fig.14

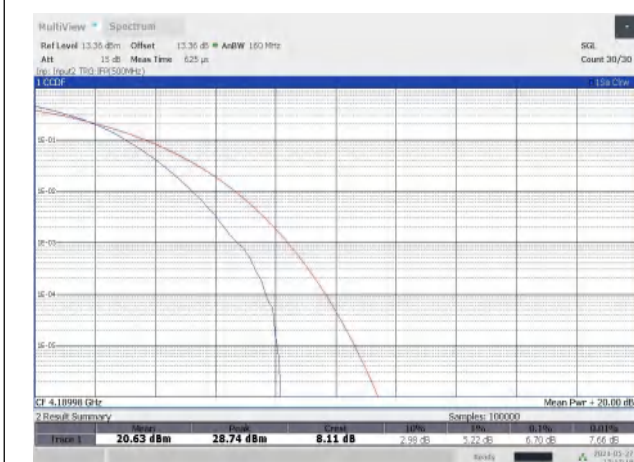


Fig.15

## 5 Spurious Emissions at antenna terminal

| Modulation   | Carrier frequency (MHz) | UL Channel | BW (MHz) | RB Size | RB Offset | Conducted Spurious Plot |        |
|--------------|-------------------------|------------|----------|---------|-----------|-------------------------|--------|
|              |                         |            |          |         |           | 30M~1G                  | 1G~20G |
| CP-OFDM QPSK | 3315                    | 621000     | 30       | 78      | 0         | Fig.1                   | Fig.2  |
| CP-OFDM QPSK | 3315                    | 621000     | 30       | 1       | 0         | Fig.3                   | Fig.4  |
| CP-OFDM QPSK | 3315                    | 621000     | 30       | 1       | 77        | Fig.5                   | Fig.6  |
| CP-OFDM QPSK | 3750                    | 650000     | 30       | 78      | 0         | Fig.7                   | Fig.8  |
| CP-OFDM QPSK | 3750                    | 650000     | 30       | 1       | 0         | Fig.9                   | Fig.10 |
| CP-OFDM QPSK | 3750                    | 650000     | 30       | 1       | 77        | Fig.11                  | Fig.12 |
| CP-OFDM QPSK | 4185                    | 679000     | 30       | 78      | 0         | Fig.13                  | Fig.14 |
| CP-OFDM QPSK | 4185                    | 679000     | 30       | 1       | 0         | Fig.15                  | Fig.16 |
| CP-OFDM QPSK | 4185                    | 679000     | 30       | 1       | 77        | Fig.17                  | Fig.18 |
| CP-OFDM QPSK | 3320.01                 | 621334     | 40       | 106     | 0         | Fig.19                  | Fig.20 |
| CP-OFDM QPSK | 3320.01                 | 621334     | 40       | 1       | 0         | Fig.21                  | Fig.22 |
| CP-OFDM QPSK | 3320.01                 | 621334     | 40       | 1       | 105       | Fig.23                  | Fig.24 |
| CP-OFDM QPSK | 3750                    | 650000     | 40       | 106     | 0         | Fig.25                  | Fig.26 |
| CP-OFDM QPSK | 3750                    | 650000     | 40       | 1       | 0         | Fig.27                  | Fig.28 |
| CP-OFDM QPSK | 3750                    | 650000     | 40       | 1       | 105       | Fig.29                  | Fig.30 |
| CP-OFDM QPSK | 4179.99                 | 678666     | 40       | 106     | 0         | Fig.31                  | Fig.32 |
| CP-OFDM QPSK | 4179.99                 | 678666     | 40       | 1       | 0         | Fig.33                  | Fig.34 |
| CP-OFDM QPSK | 4179.99                 | 678666     | 40       | 1       | 105       | Fig.35                  | Fig.36 |
| CP-OFDM QPSK | 3330                    | 622000     | 60       | 162     | 0         | Fig.37                  | Fig.38 |
| CP-OFDM QPSK | 3330                    | 622000     | 60       | 1       | 0         | Fig.39                  | Fig.40 |
| CP-OFDM QPSK | 3330                    | 622000     | 60       | 1       | 161       | Fig.41                  | Fig.42 |
| CP-OFDM QPSK | 3750                    | 650000     | 60       | 162     | 0         | Fig.43                  | Fig.44 |
| CP-OFDM QPSK | 3750                    | 650000     | 60       | 1       | 0         | Fig.45                  | Fig.46 |
| CP-OFDM QPSK | 3750                    | 650000     | 60       | 1       | 161       | Fig.47                  | Fig.48 |
| CP-OFDM QPSK | 4170                    | 678000     | 60       | 162     | 0         | Fig.49                  | Fig.50 |
| CP-OFDM QPSK | 4170                    | 678000     | 60       | 1       | 0         | Fig.51                  | Fig.52 |
| CP-OFDM QPSK | 4170                    | 678000     | 60       | 1       | 161       | Fig.53                  | Fig.54 |
| CP-OFDM QPSK | 3350.01                 | 623334     | 100      | 273     | 0         | Fig.55                  | Fig.56 |
| CP-OFDM QPSK | 3350.01                 | 623334     | 100      | 1       | 0         | Fig.57                  | Fig.58 |
| CP-OFDM QPSK | 3350.01                 | 623334     | 100      | 1       | 272       | Fig.59                  | Fig.60 |
| CP-OFDM QPSK | 3750                    | 650000     | 100      | 273     | 0         | Fig.61                  | Fig.62 |
| CP-OFDM QPSK | 3750                    | 650000     | 100      | 1       | 0         | Fig.63                  | Fig.64 |
| CP-OFDM QPSK | 3750                    | 650000     | 100      | 1       | 272       | Fig.65                  | Fig.66 |
| CP-OFDM QPSK | 4149.99                 | 676666     | 100      | 273     | 0         | Fig.67                  | Fig.68 |
| CP-OFDM QPSK | 4149.99                 | 676666     | 100      | 1       | 0         | Fig.69                  | Fig.70 |
| CP-OFDM QPSK | 4149.99                 | 676666     | 100      | 1       | 272       | Fig.71                  | Fig.72 |

Test Plot:

|  |  |
|--|--|
|  |  |
|--|--|

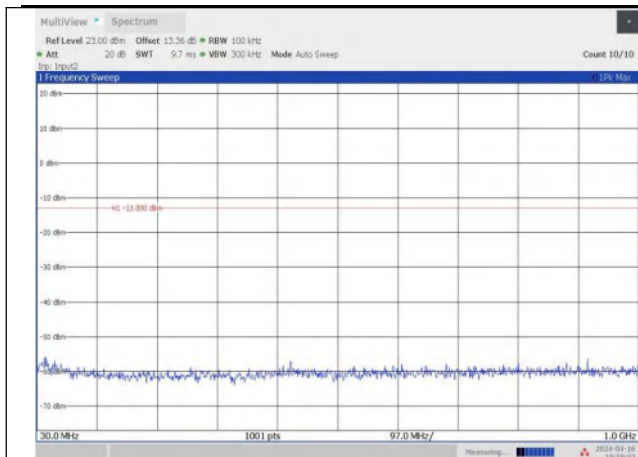


Fig.1

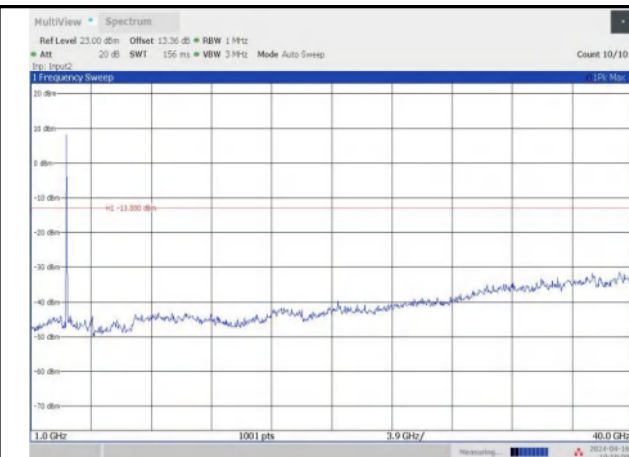


Fig.2

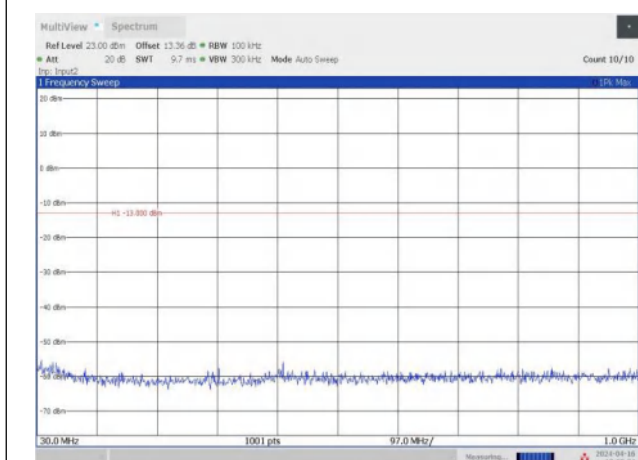


Fig.3

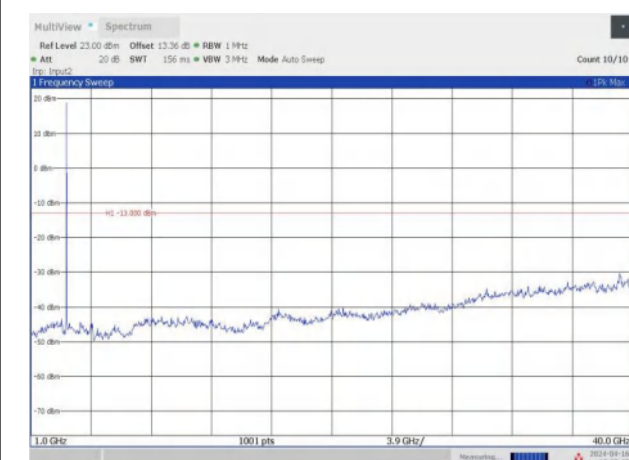


Fig.4

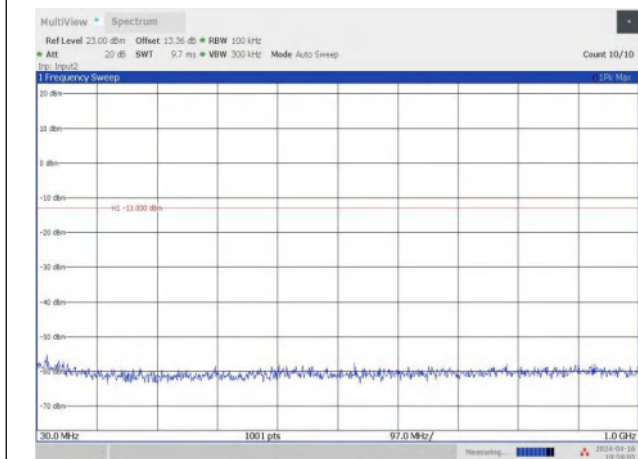


Fig.5

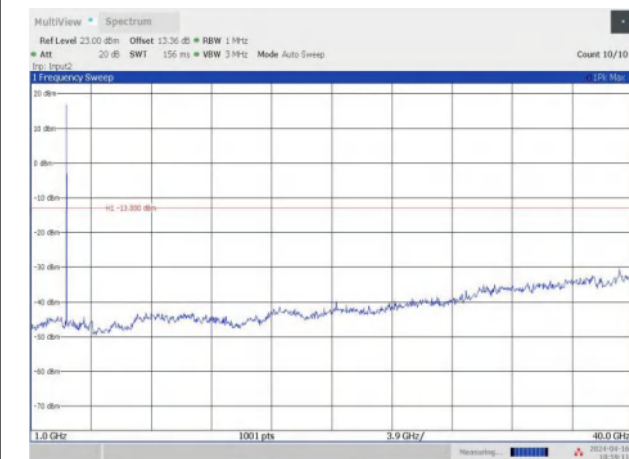


Fig.6

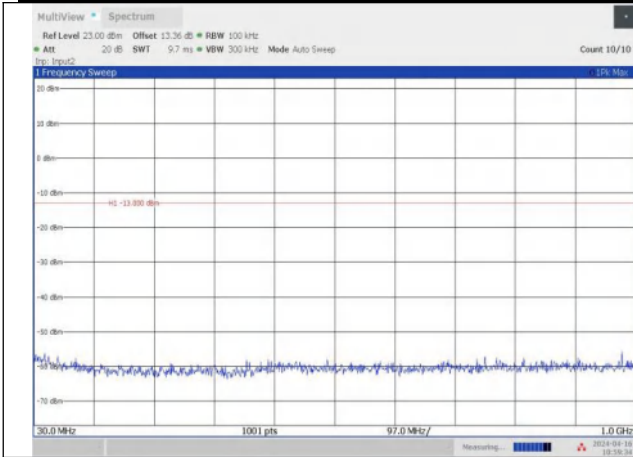


Fig.7

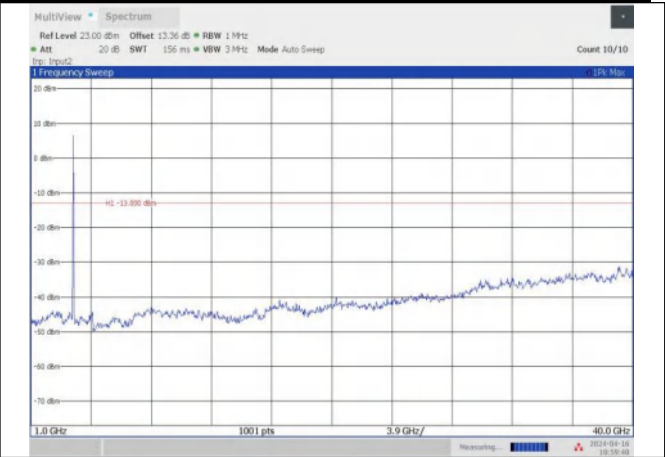


Fig.8

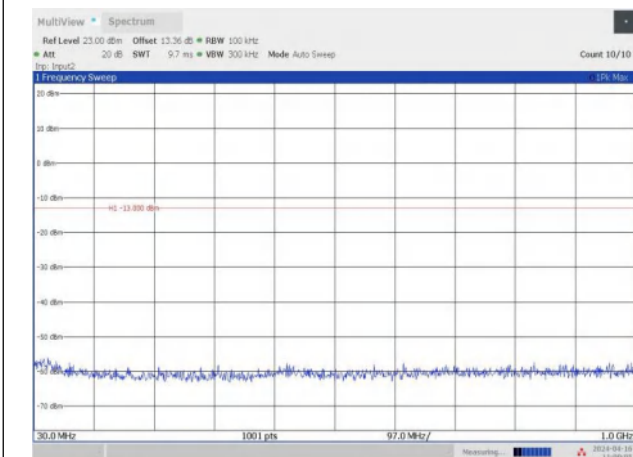


Fig.9

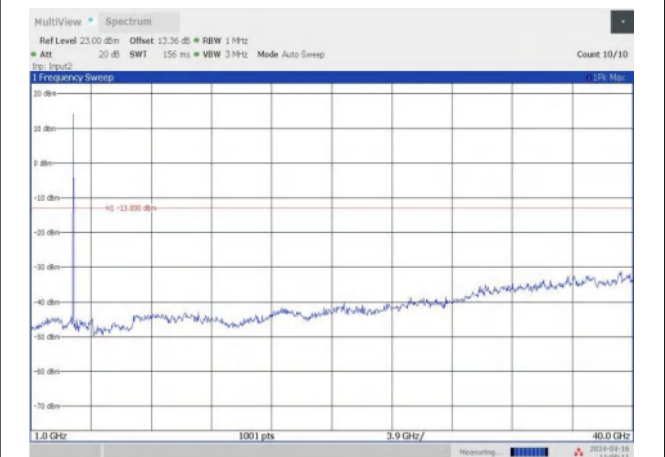


Fig.10

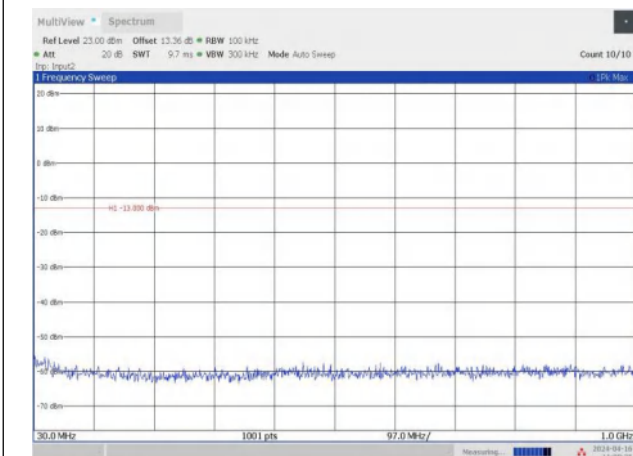


Fig.11

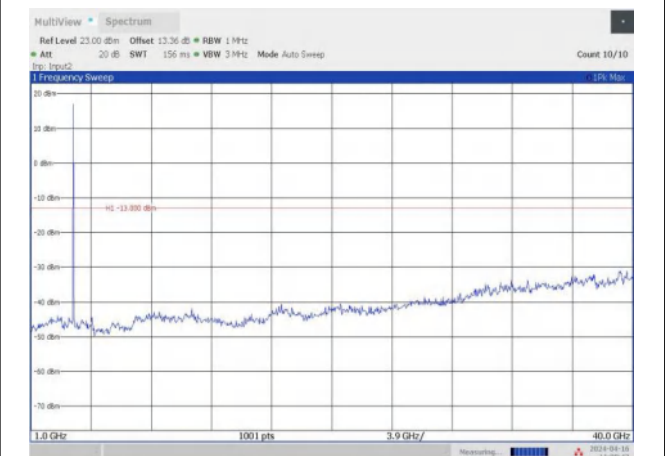


Fig.12

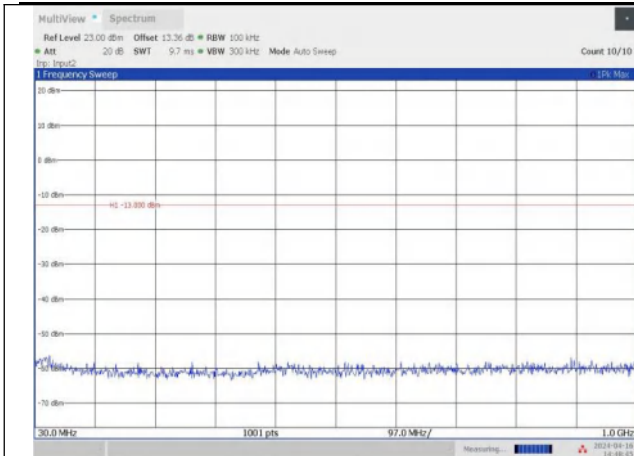


Fig.13

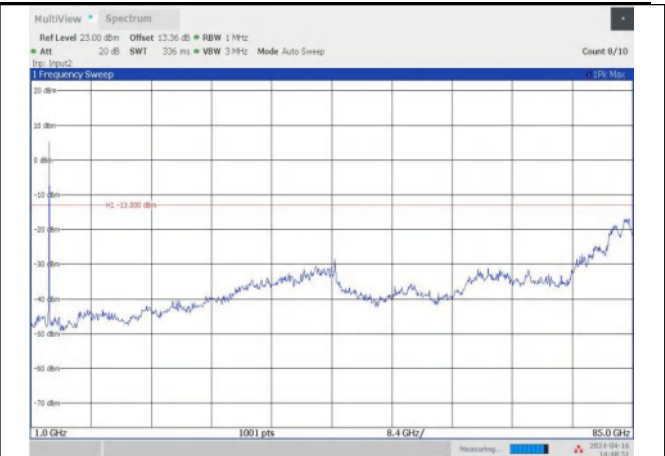


Fig.14

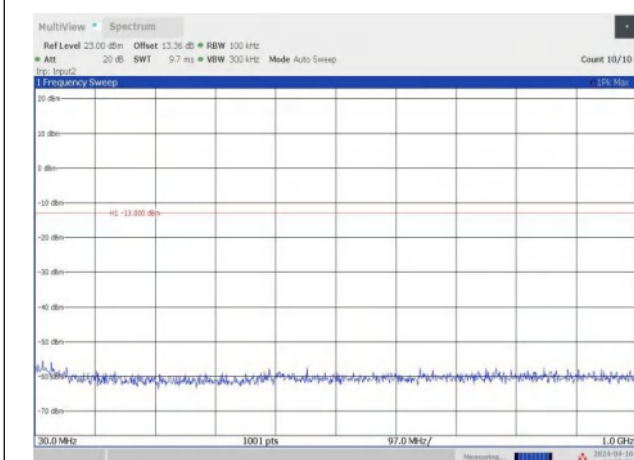


Fig.15

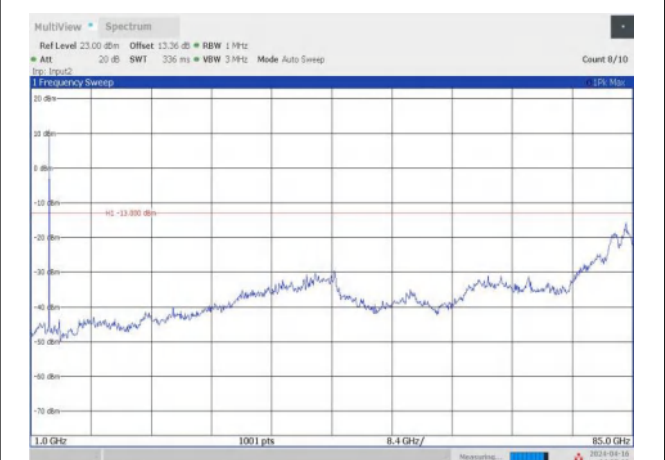


Fig.16

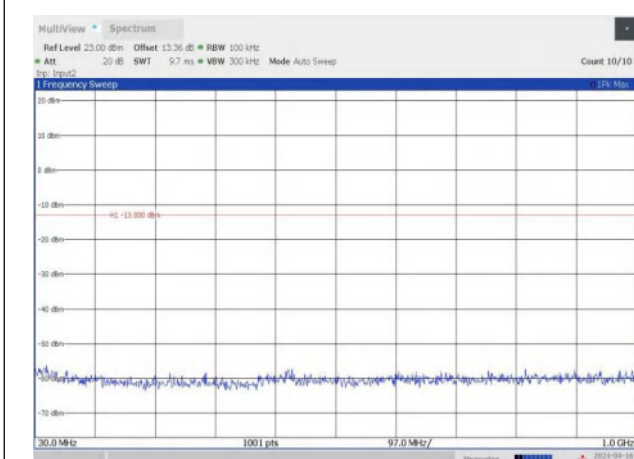


Fig.17

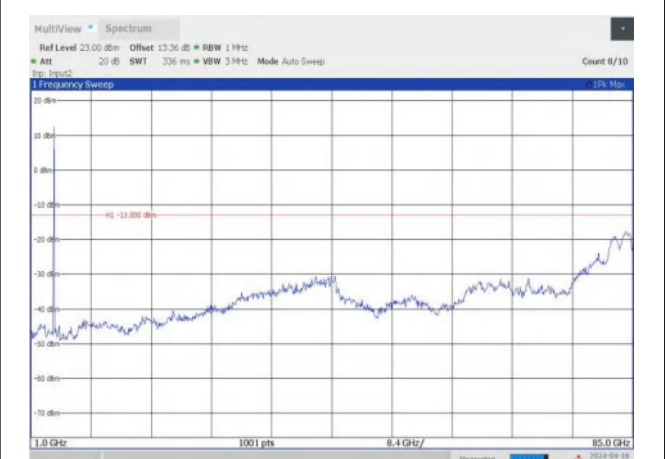


Fig.18

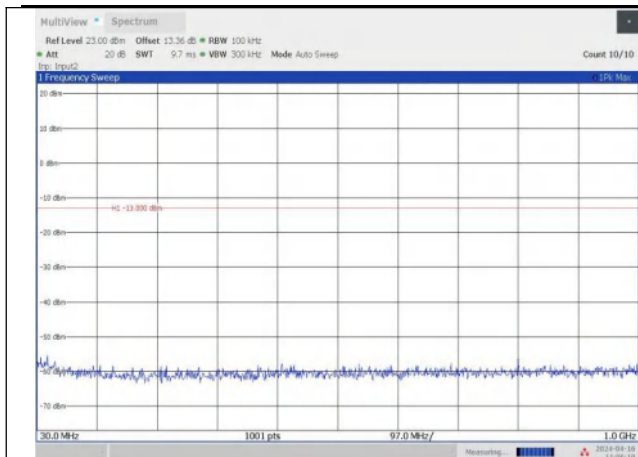


Fig.19

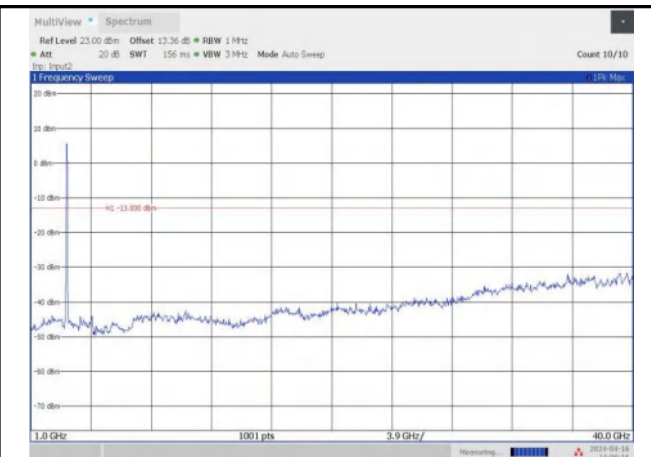


Fig.20

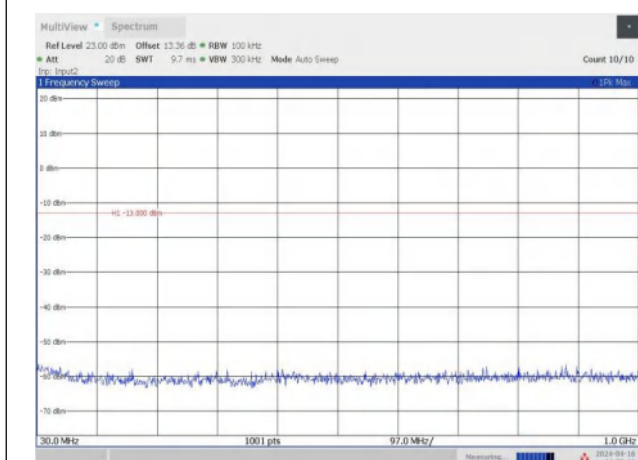


Fig.21

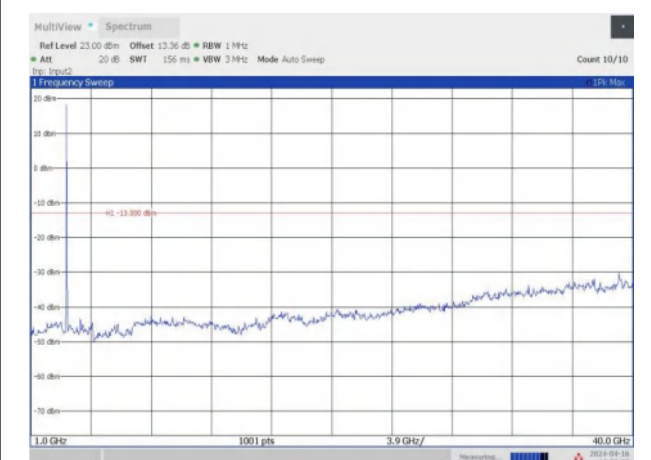


Fig.22

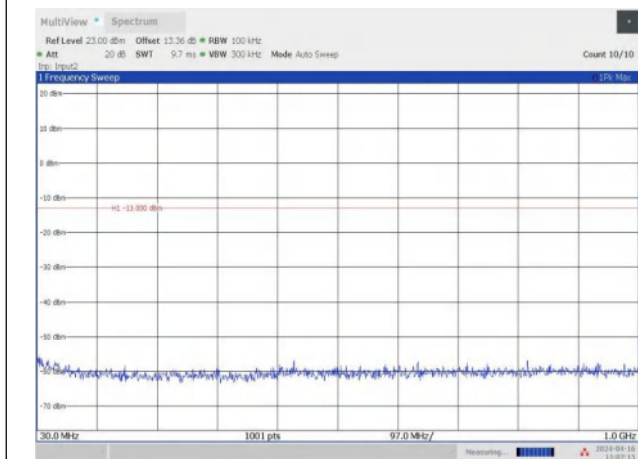


Fig.23

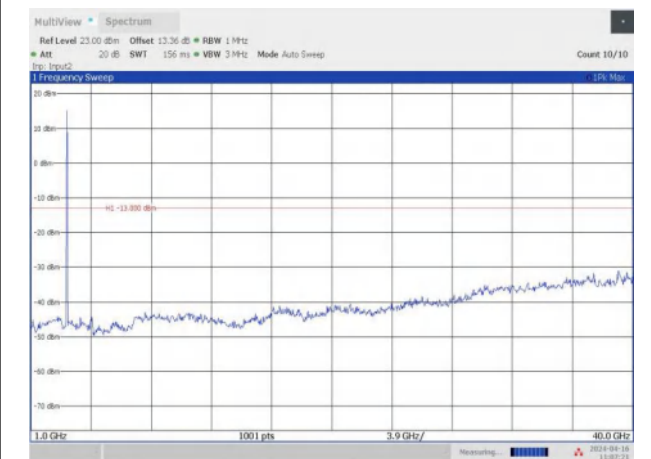


Fig.24

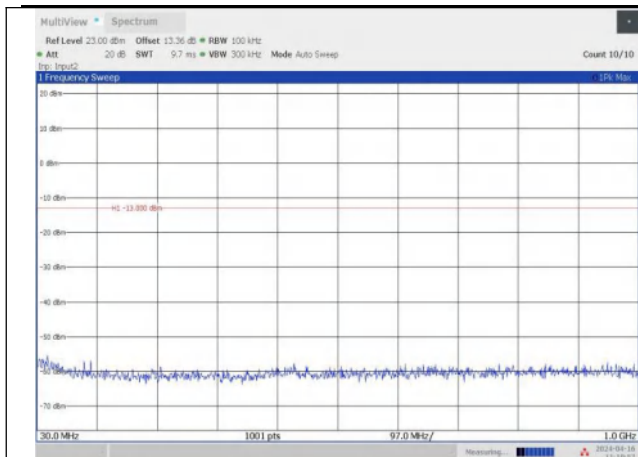


Fig.25

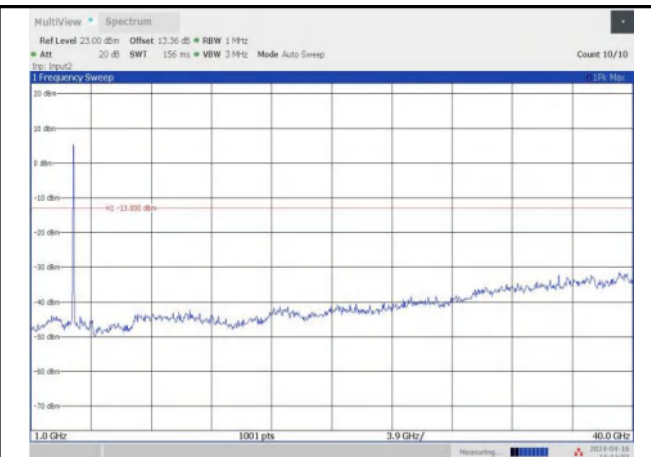


Fig.26

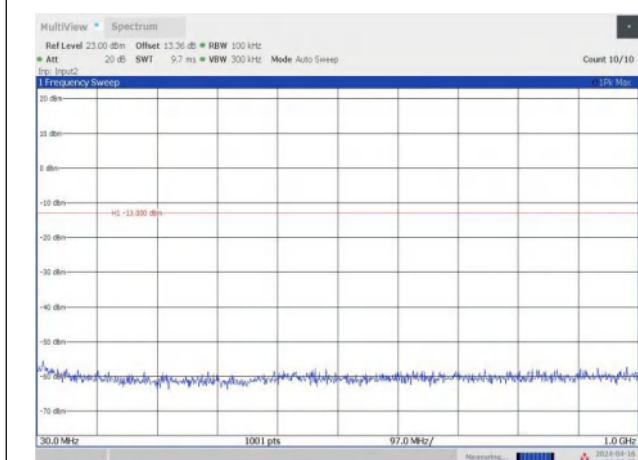


Fig.27

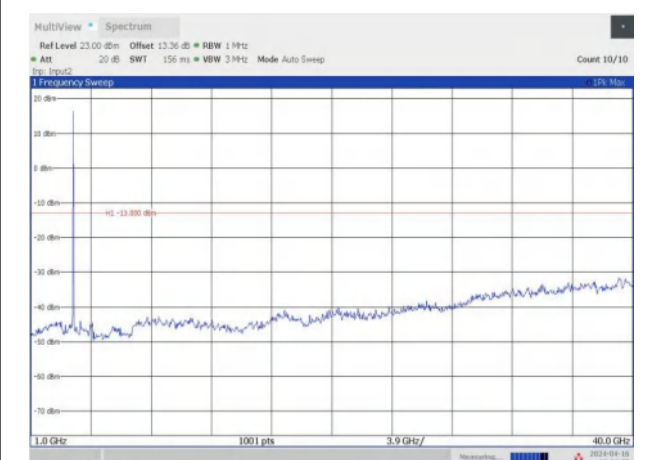


Fig.28

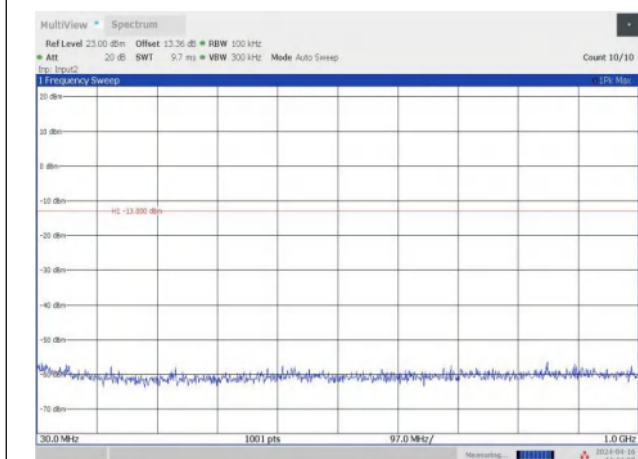


Fig.29

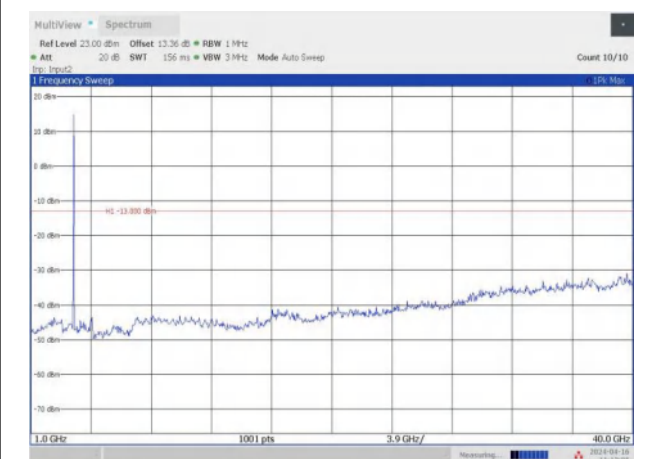


Fig.30

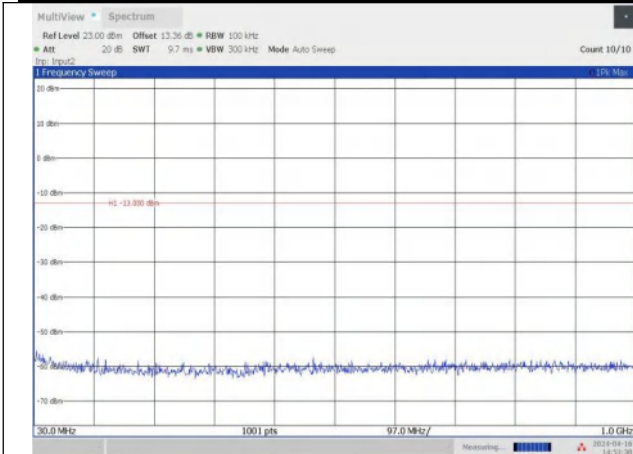


Fig.31

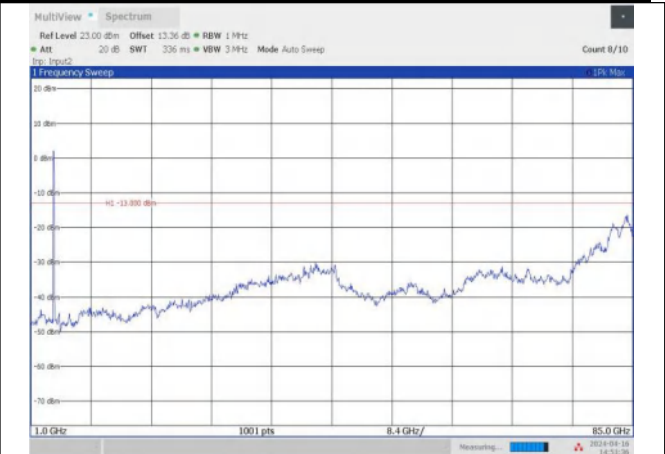


Fig.32

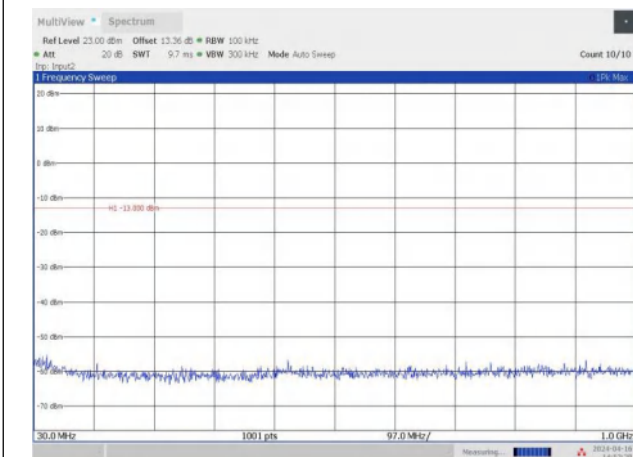


Fig.33



Fig.34

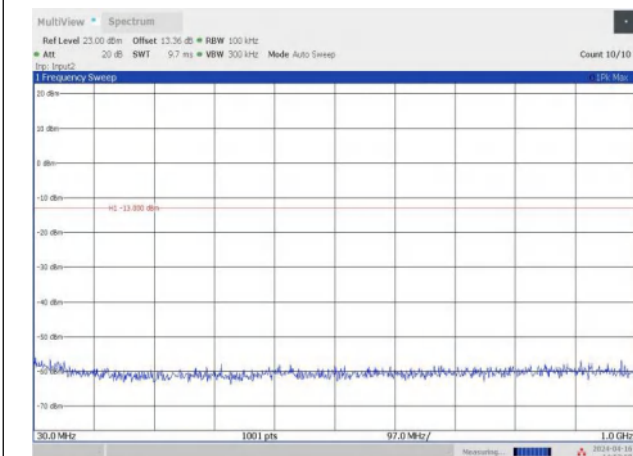


Fig.35

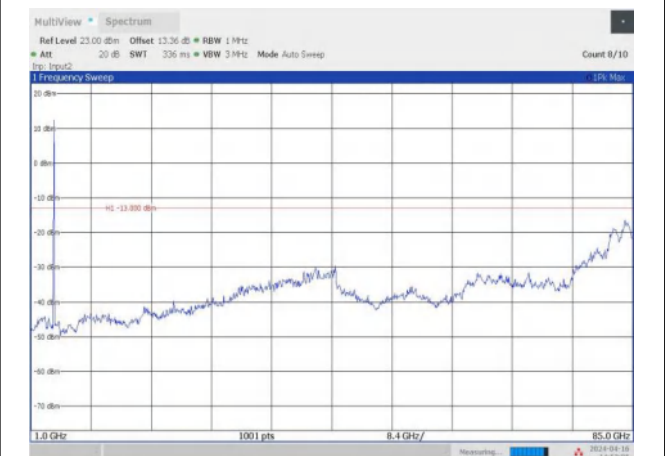


Fig.36

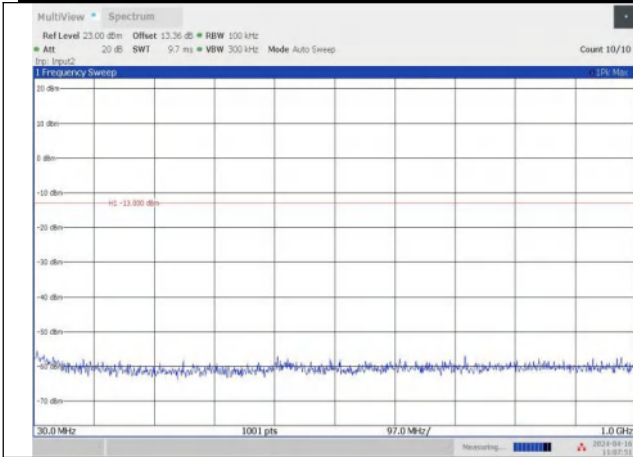


Fig.37

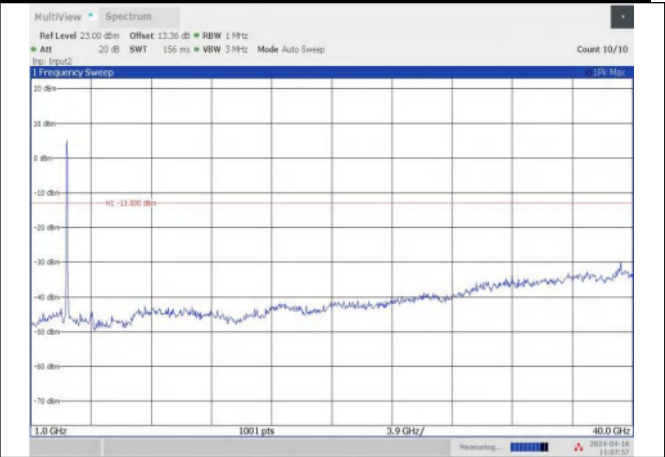


Fig.38

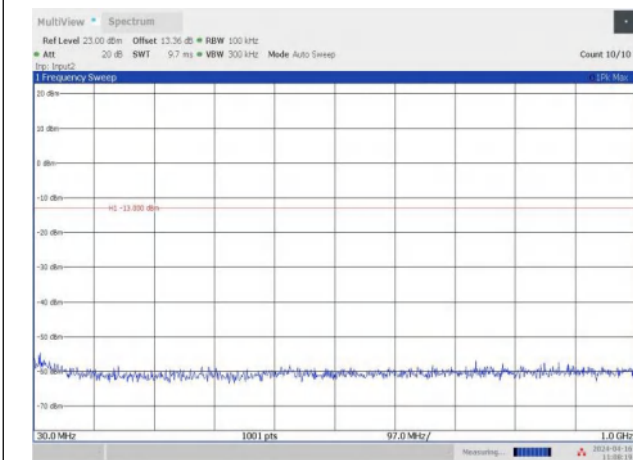


Fig.39

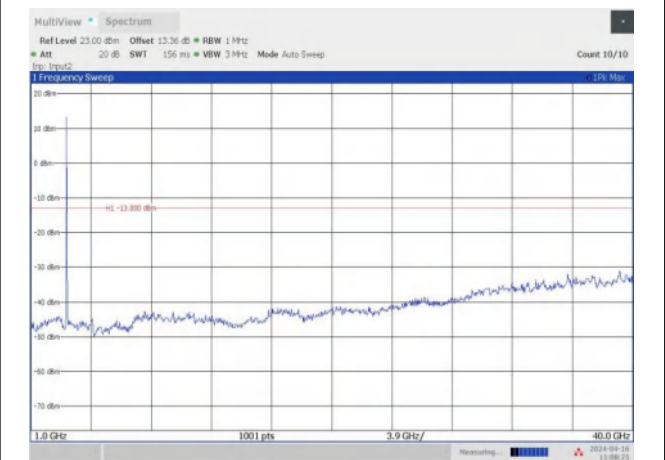


Fig.40

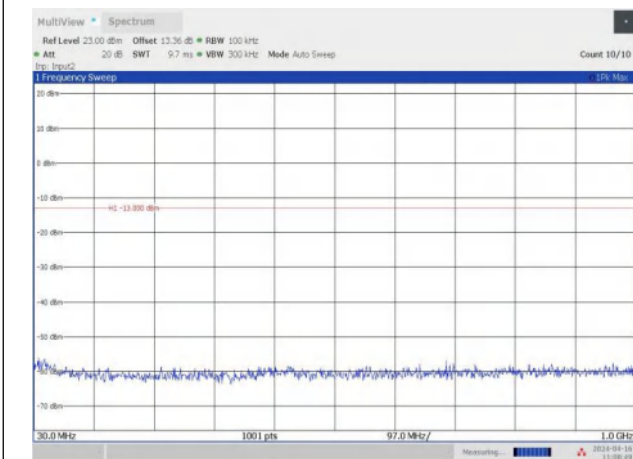


Fig.41

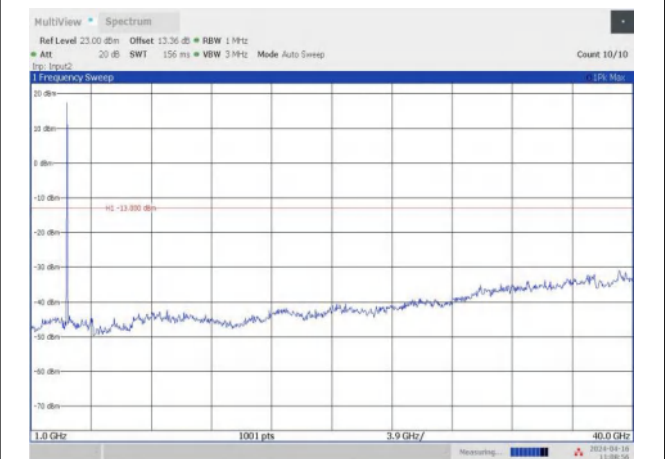


Fig.42

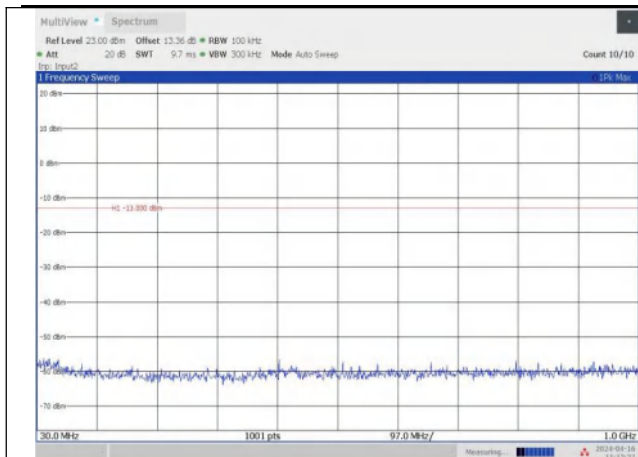


Fig.43

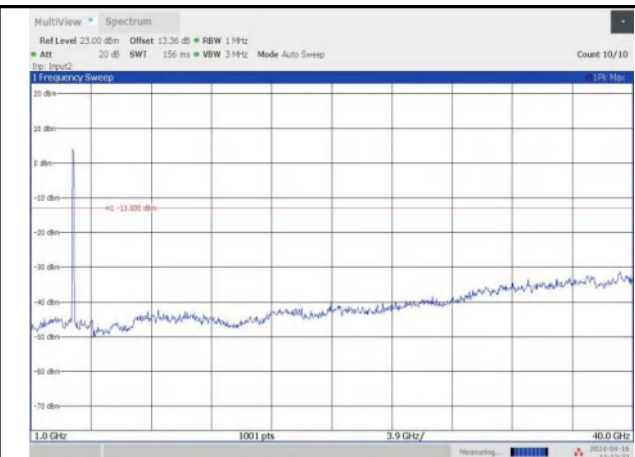


Fig.44

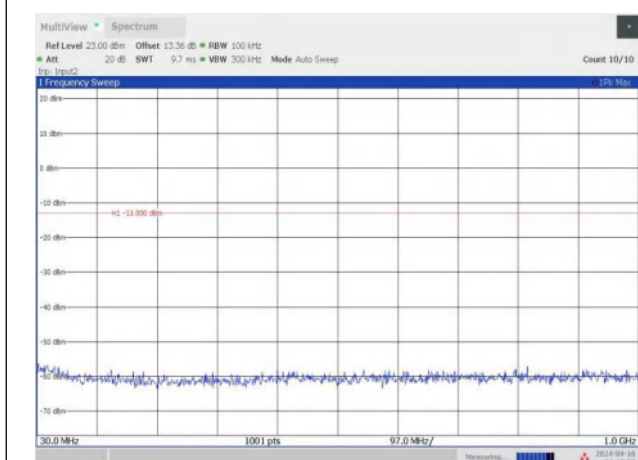


Fig.45

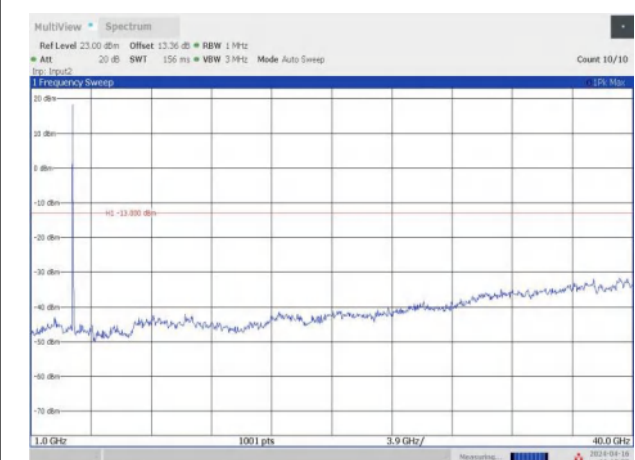


Fig.46

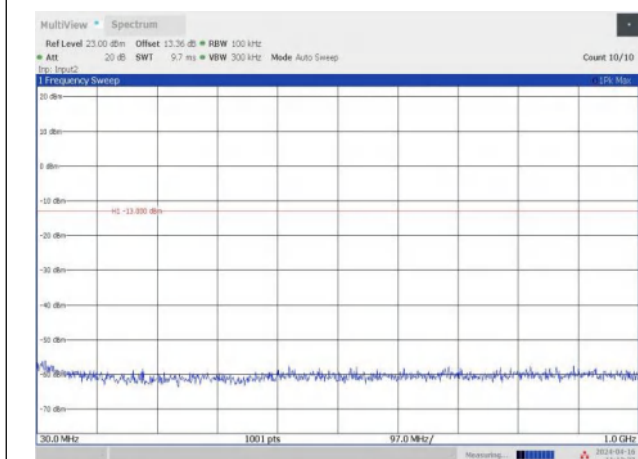


Fig.47

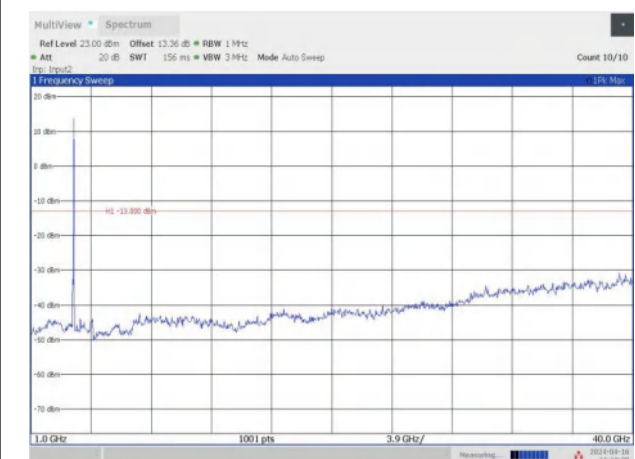


Fig.48

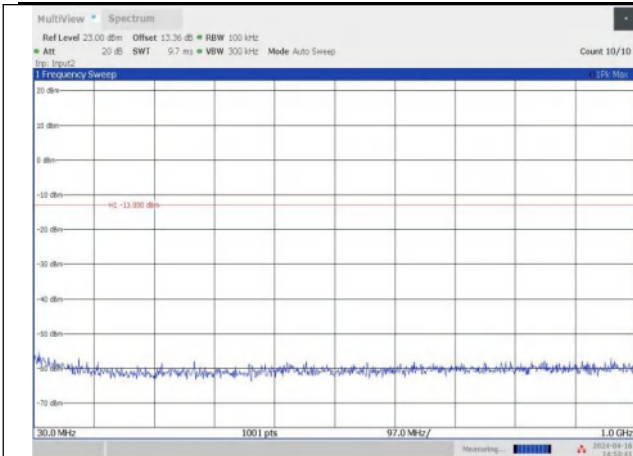


Fig.49

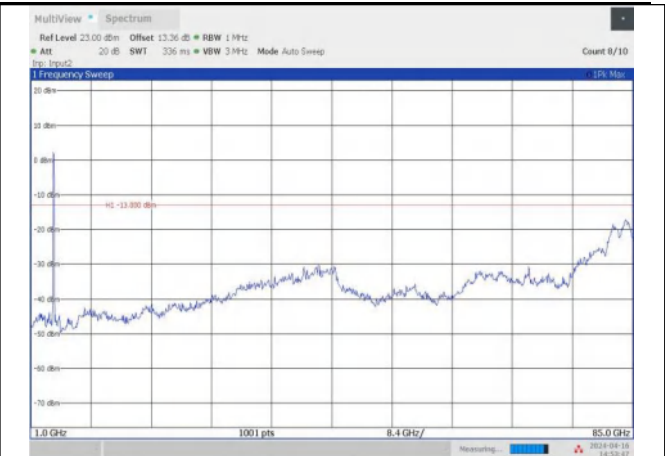


Fig.50

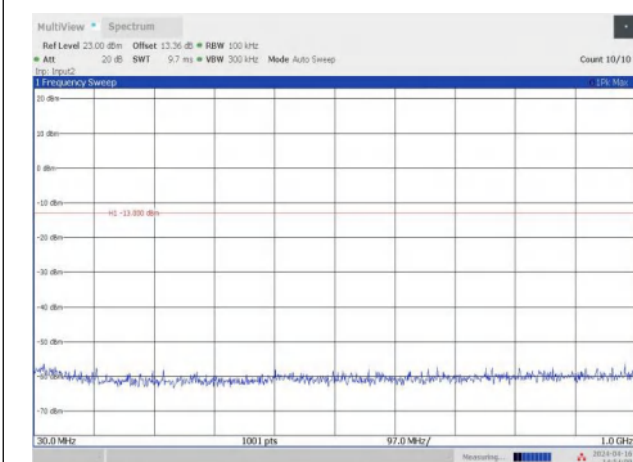


Fig.51

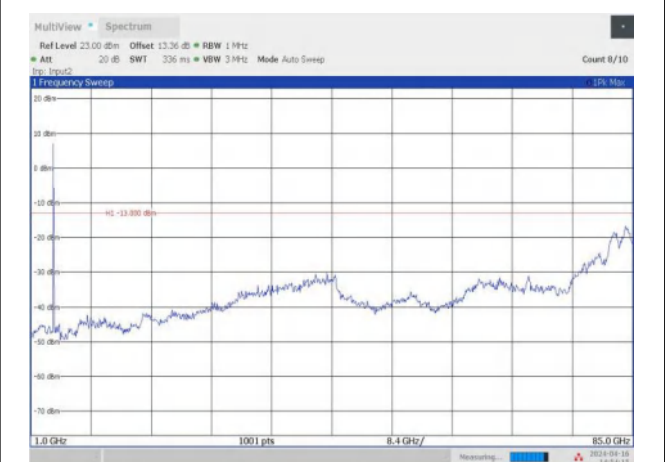


Fig.52

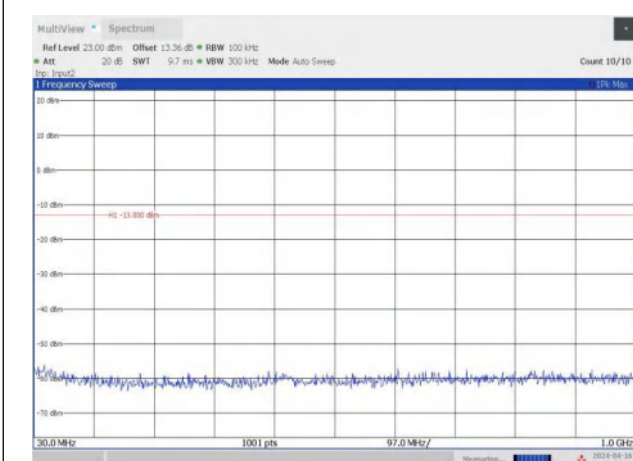


Fig.53

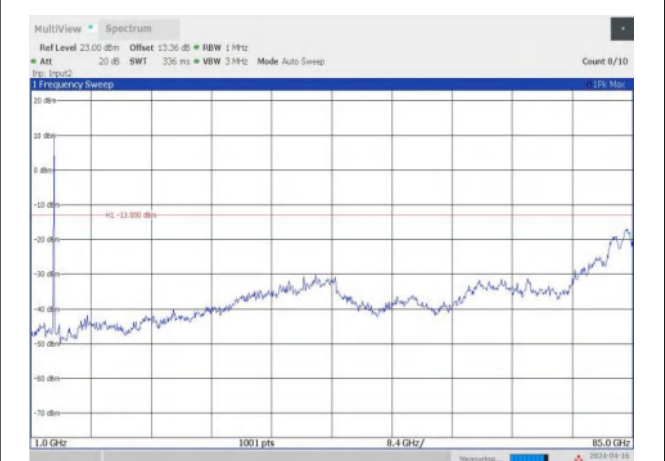


Fig.54

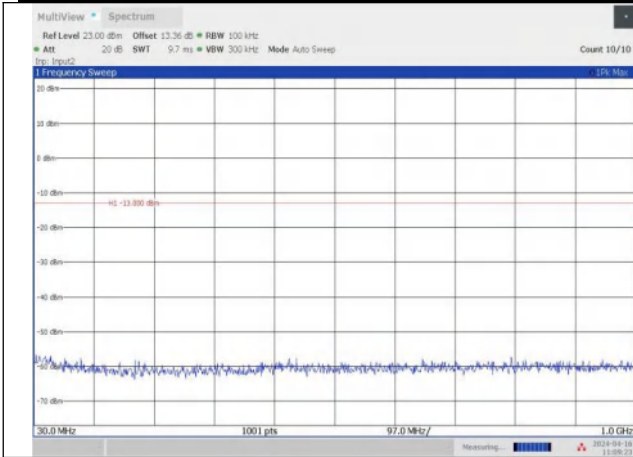


Fig.55

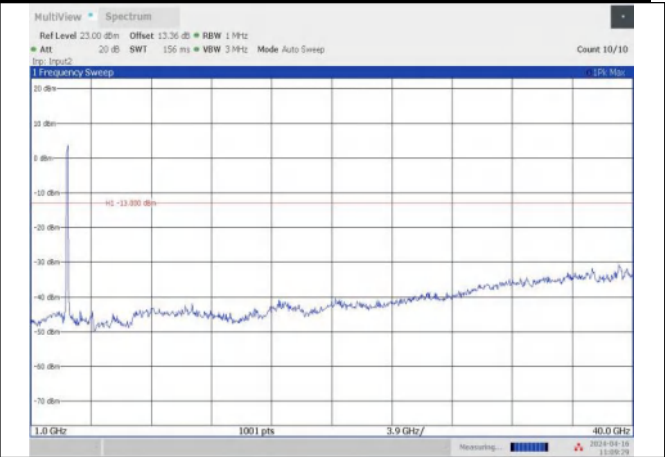


Fig.56

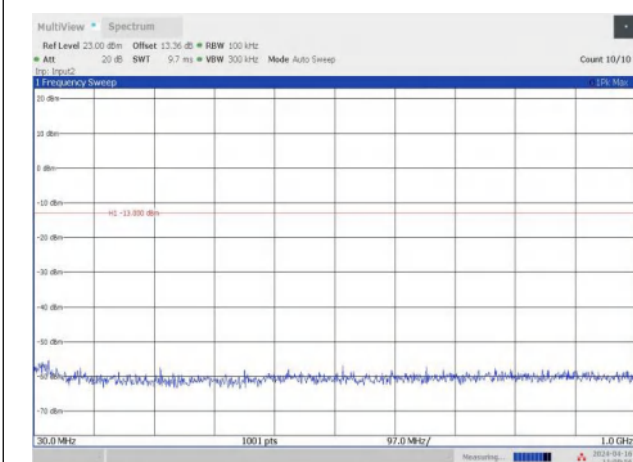


Fig.57

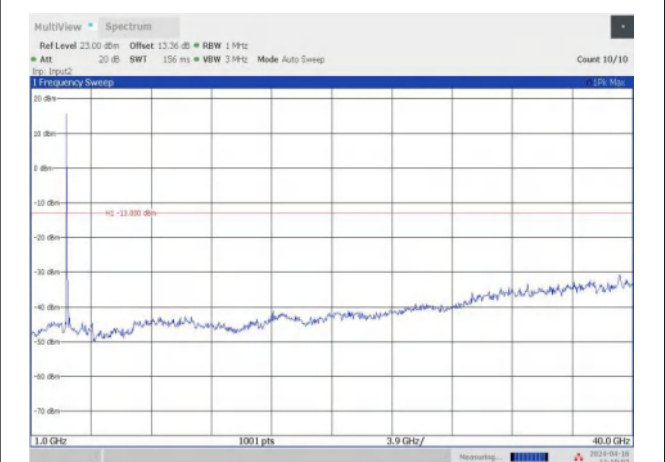


Fig.58

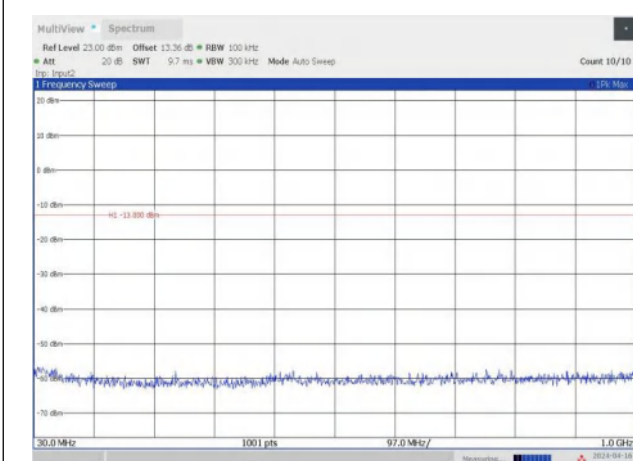


Fig.59

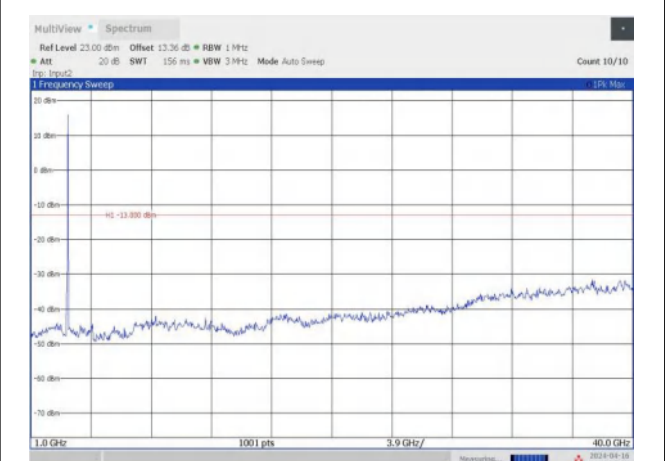


Fig.60

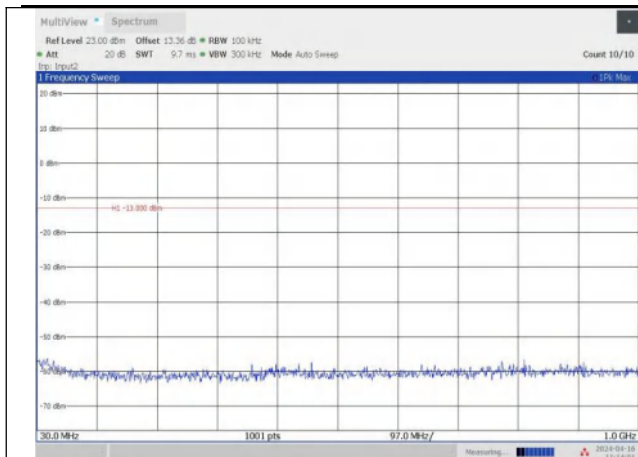


Fig.61

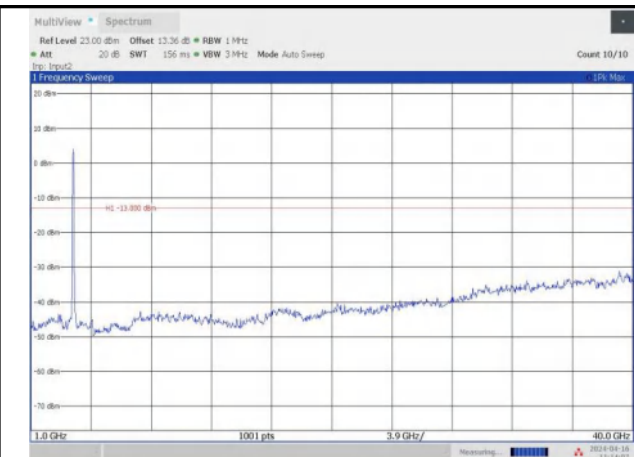


Fig.62

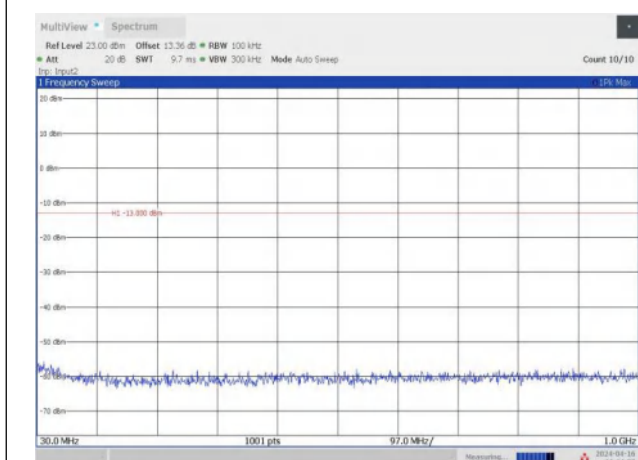


Fig.63

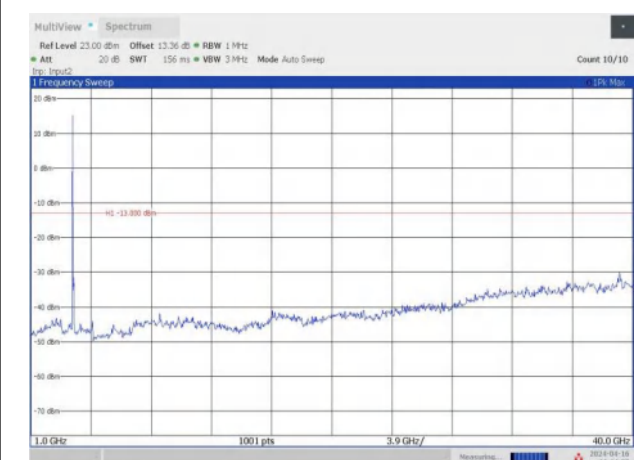


Fig.64

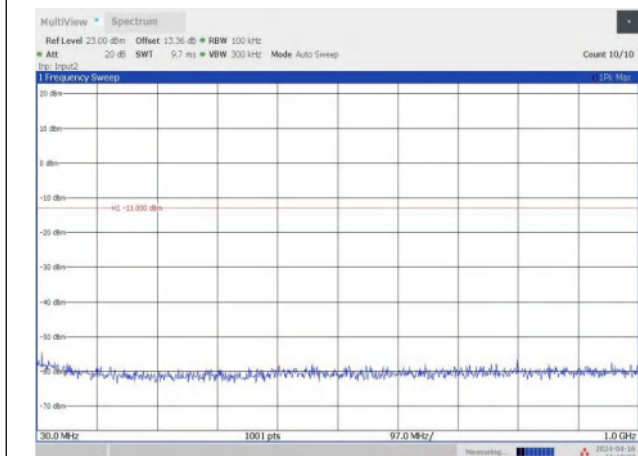


Fig.65

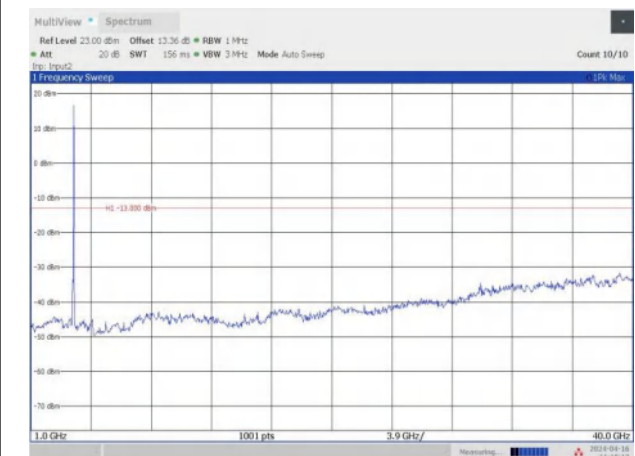


Fig.66

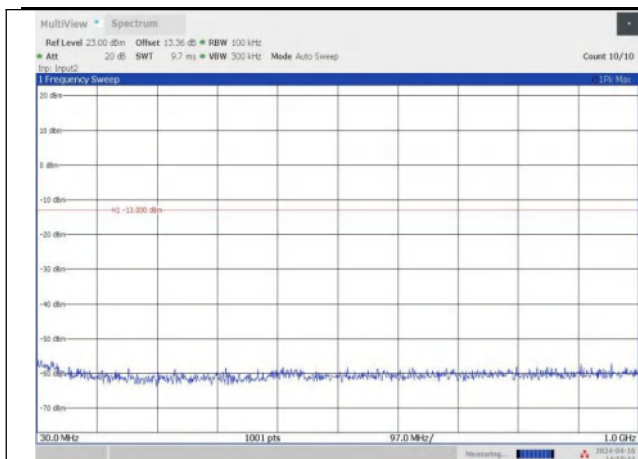


Fig.67

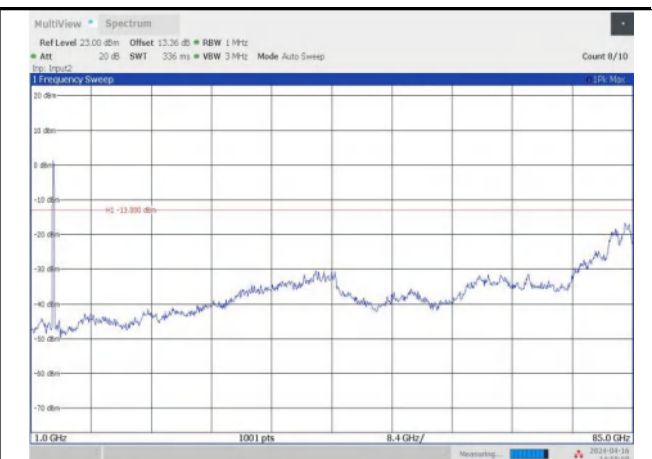


Fig.68

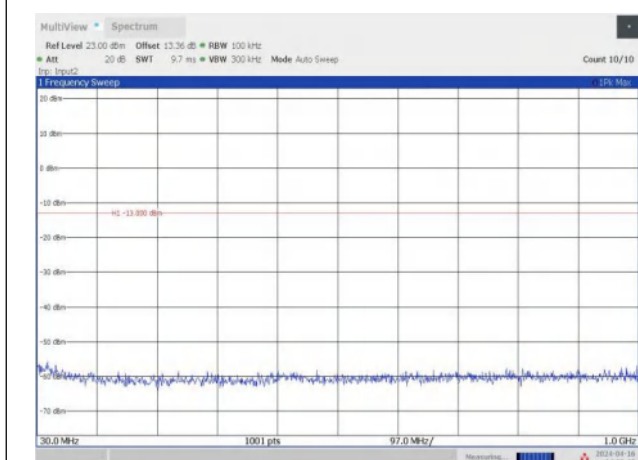


Fig.69

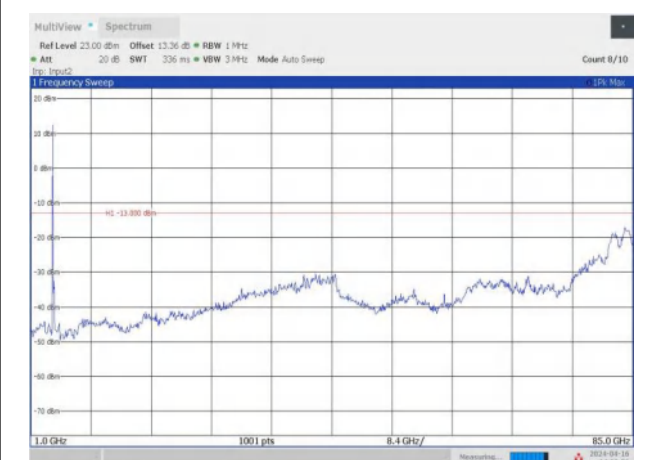


Fig.70

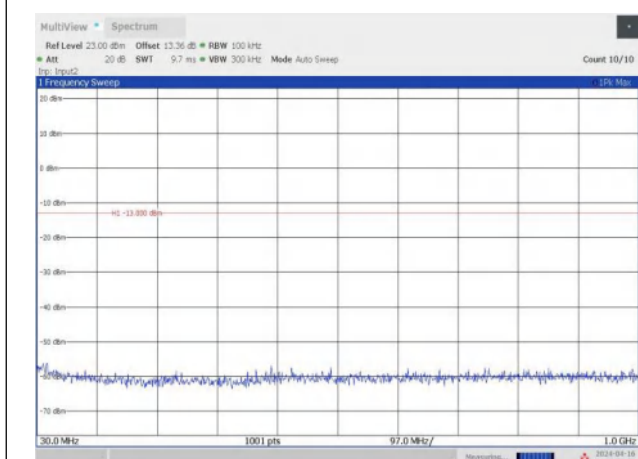


Fig.71

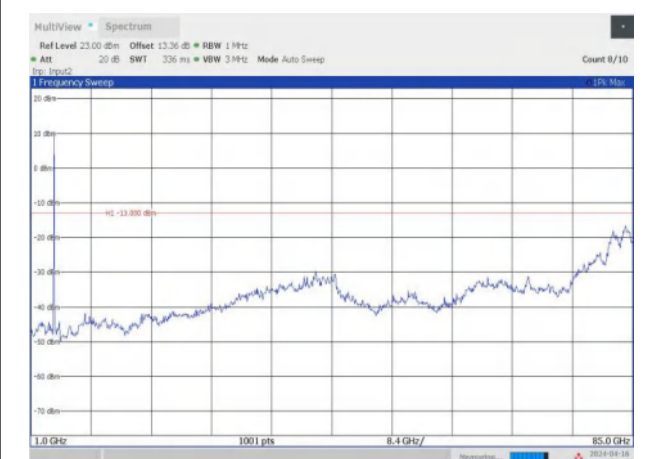
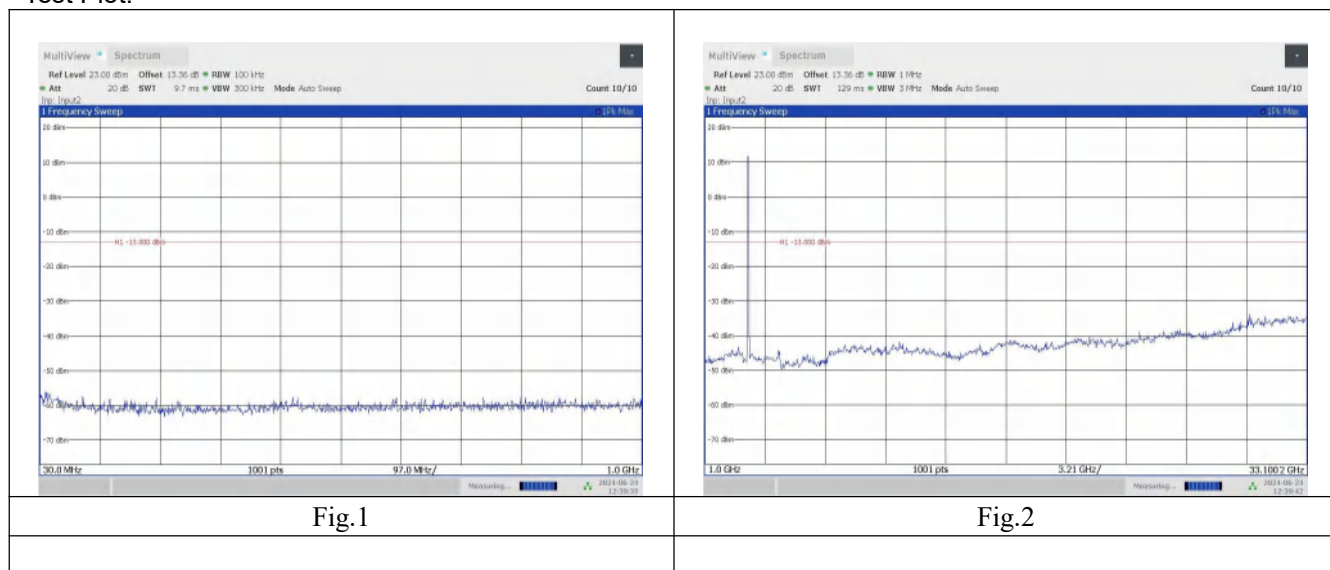


Fig.72

| Modulation   | Carrier frequency (MHz) | UL Channel | BW (MHz) | RB Size | RB Offset | Conducted Spurious Plot |        |
|--------------|-------------------------|------------|----------|---------|-----------|-------------------------|--------|
|              |                         |            |          |         |           | 30M~1G                  | 1G~20G |
| CP-OFDM QPSK | 3310.02                 | 620668     | 20       | 51      | 0         | Fig.1                   | Fig.2  |
| CP-OFDM QPSK | 3310.02                 | 620668     | 20       | 1       | 0         | Fig.3                   | Fig.4  |
| CP-OFDM QPSK | 3310.02                 | 620668     | 20       | 1       | 50        | Fig.5                   | Fig.6  |
| CP-OFDM QPSK | 3750                    | 650000     | 20       | 51      | 0         | Fig.7                   | Fig.8  |
| CP-OFDM QPSK | 3750                    | 650000     | 20       | 1       | 0         | Fig.9                   | Fig.10 |
| CP-OFDM QPSK | 3750                    | 650000     | 20       | 1       | 50        | Fig.11                  | Fig.12 |
| CP-OFDM QPSK | 4189.98                 | 679332     | 20       | 51      | 0         | Fig.13                  | Fig.14 |
| CP-OFDM QPSK | 4189.98                 | 679332     | 20       | 1       | 0         | Fig.15                  | Fig.16 |
| CP-OFDM QPSK | 4189.98                 | 679332     | 20       | 1       | 50        | Fig.17                  | Fig.18 |
| CP-OFDM QPSK | 3340.02                 | 622668     | 80       | 217     | 0         | Fig.19                  | Fig.20 |
| CP-OFDM QPSK | 3340.02                 | 622668     | 80       | 1       | 0         | Fig.21                  | Fig.22 |
| CP-OFDM QPSK | 3340.02                 | 622668     | 80       | 1       | 216       | Fig.23                  | Fig.24 |
| CP-OFDM QPSK | 3750                    | 650000     | 80       | 217     | 0         | Fig.25                  | Fig.26 |
| CP-OFDM QPSK | 3750                    | 650000     | 80       | 1       | 0         | Fig.27                  | Fig.28 |
| CP-OFDM QPSK | 3750                    | 650000     | 80       | 1       | 216       | Fig.29                  | Fig.30 |
| CP-OFDM QPSK | 4159.98                 | 677332     | 80       | 217     | 0         | Fig.31                  | Fig.32 |
| CP-OFDM QPSK | 4159.98                 | 677332     | 80       | 1       | 0         | Fig.33                  | Fig.34 |
| CP-OFDM QPSK | 4159.98                 | 677332     | 80       | 1       | 216       | Fig.35                  | Fig.36 |

#### Test Plot:



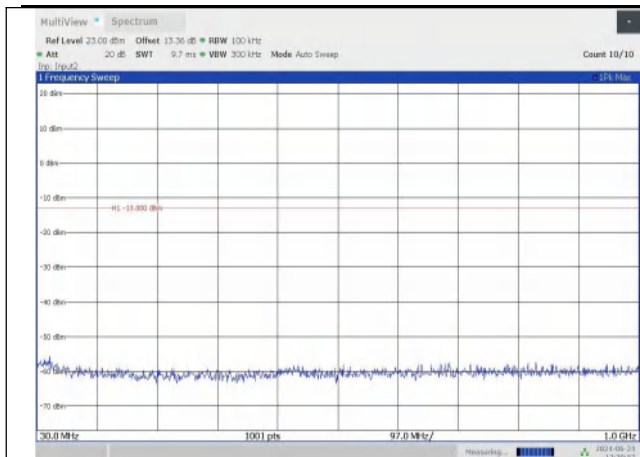


Fig.3

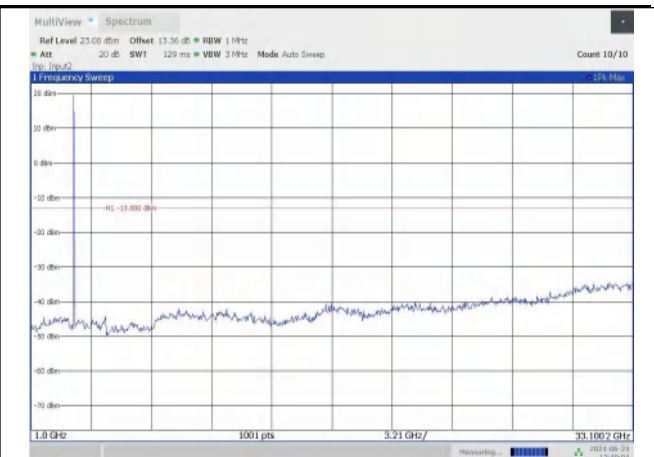


Fig.4

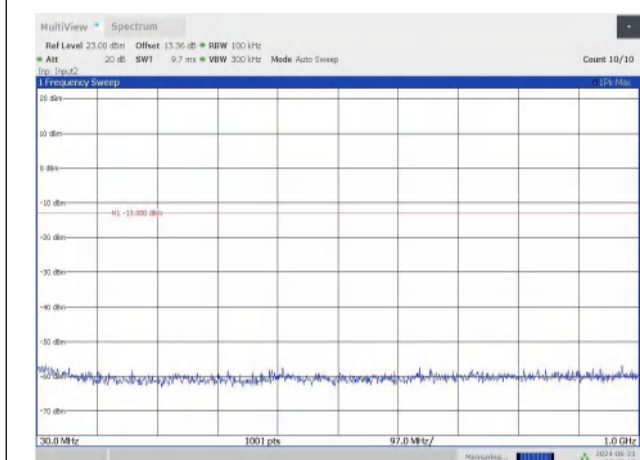


Fig.5

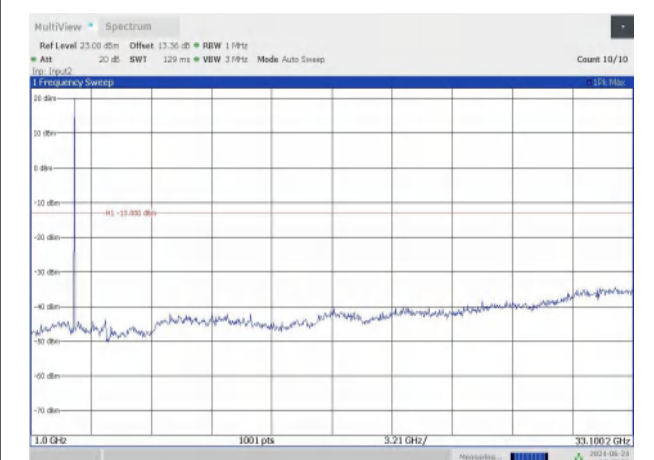


Fig.6

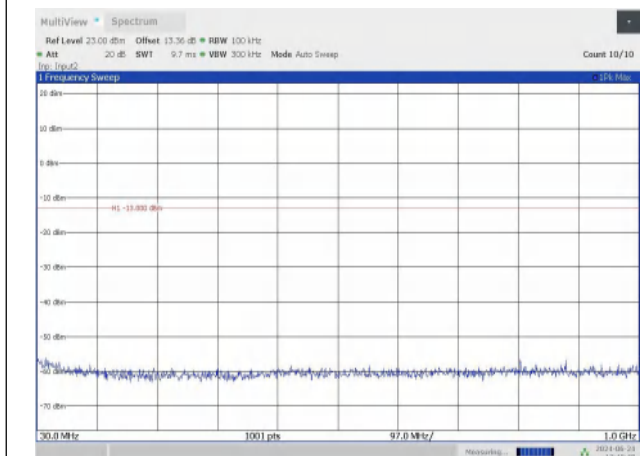


Fig.7



Fig.8

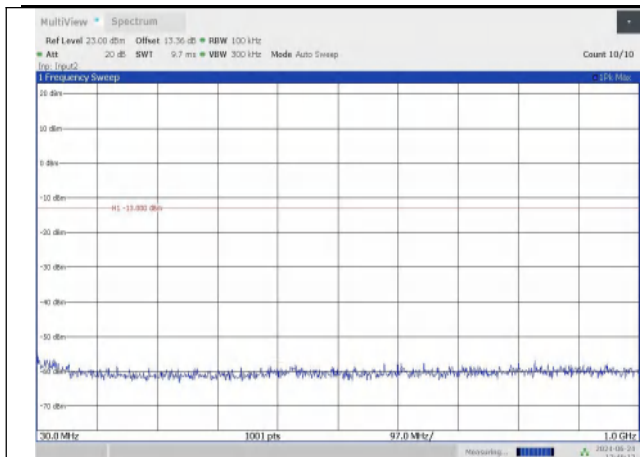


Fig.9

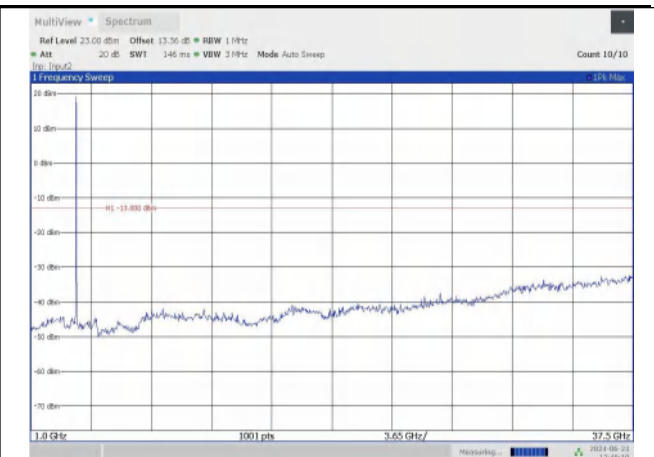


Fig.10

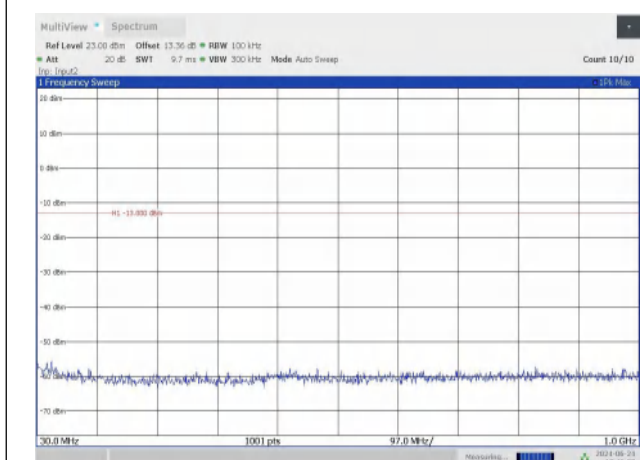


Fig.11

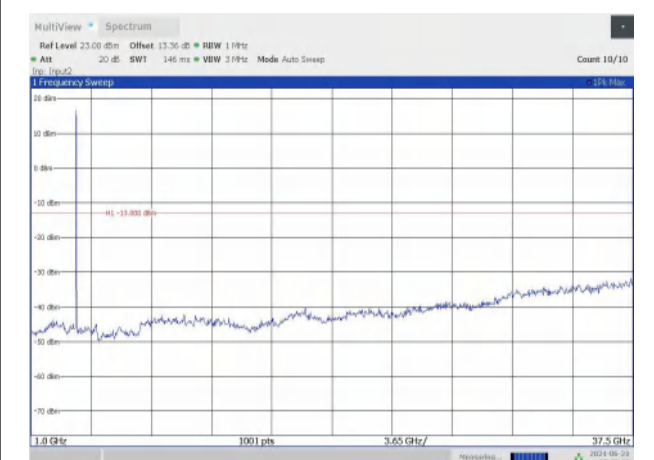


Fig.12

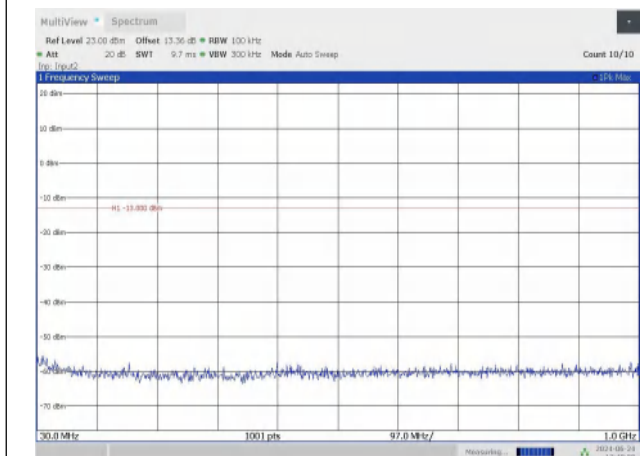


Fig.13

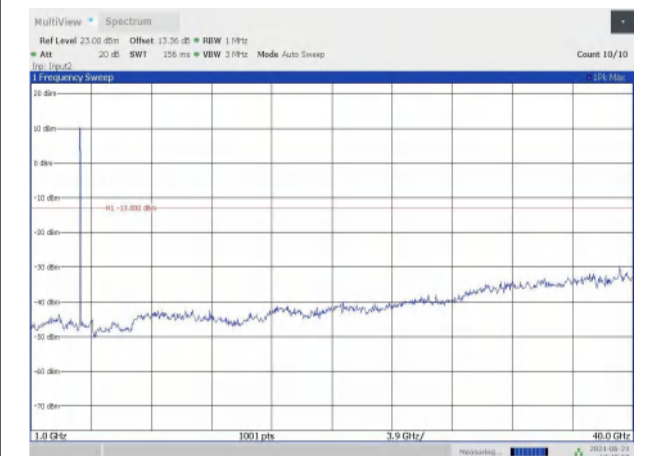


Fig.14

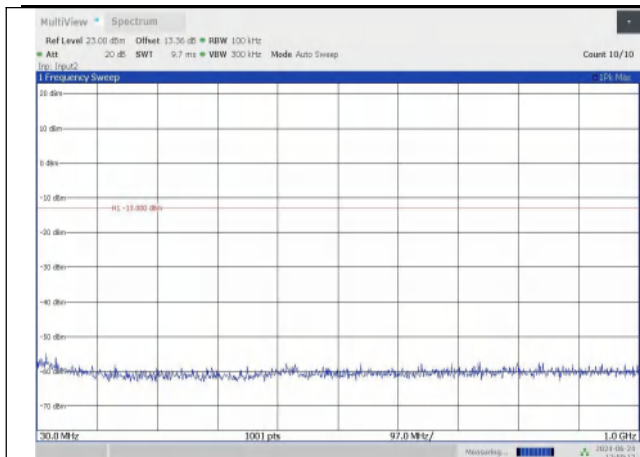


Fig.15

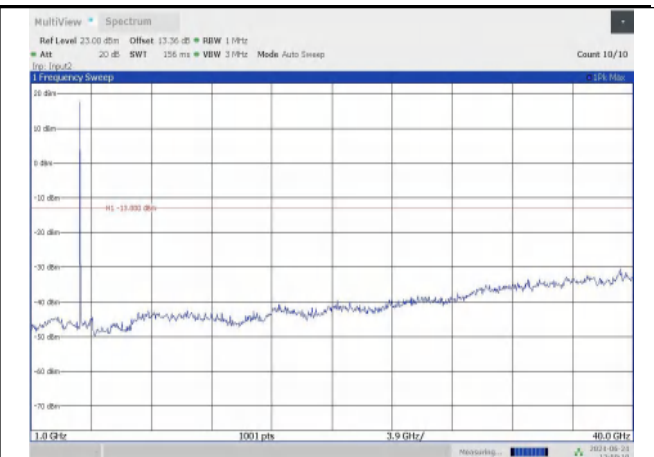


Fig.16

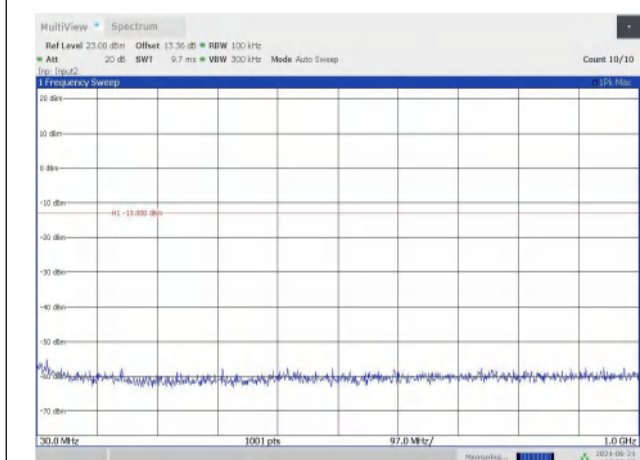


Fig.17

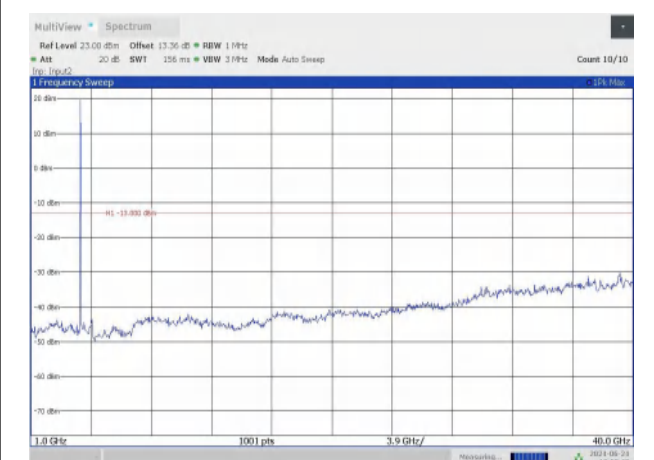


Fig.18

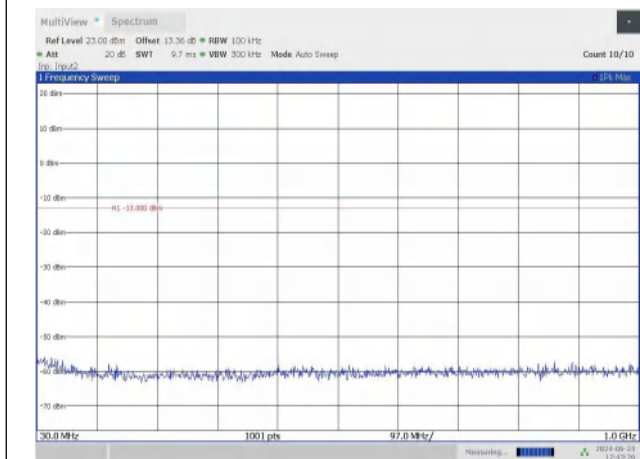


Fig.19

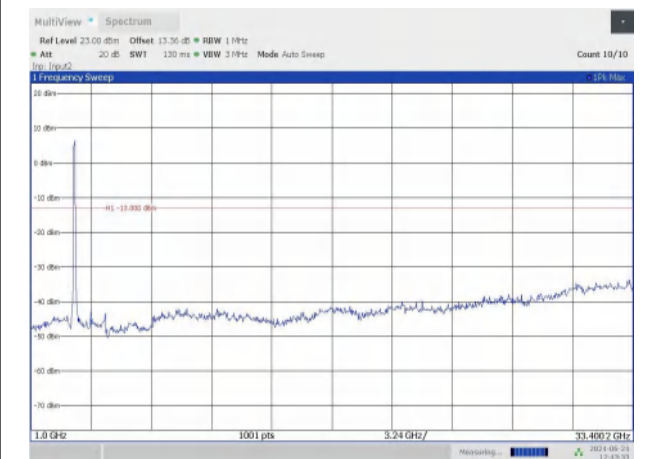


Fig.20

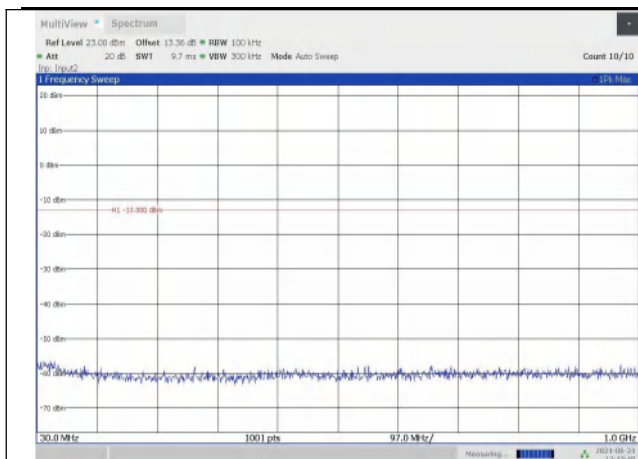


Fig.21

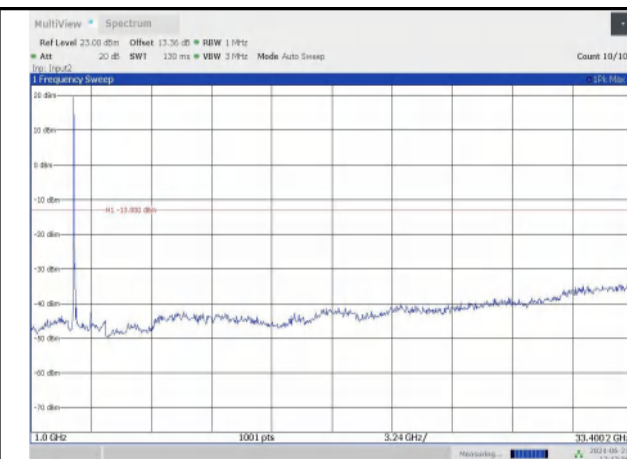


Fig.22

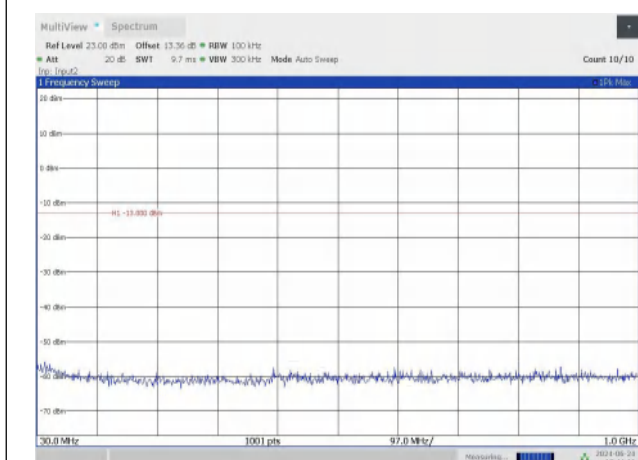


Fig.23

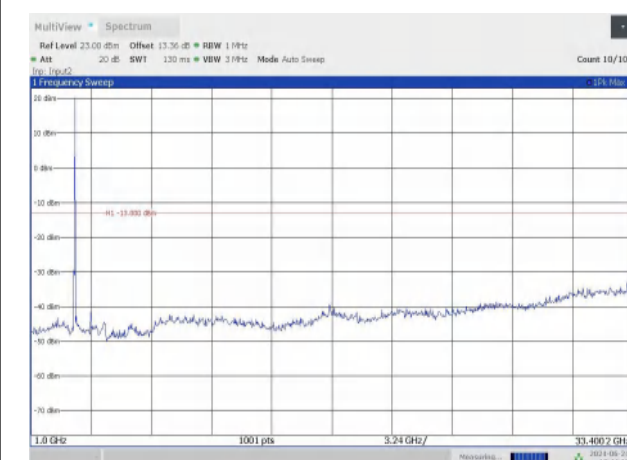


Fig.24

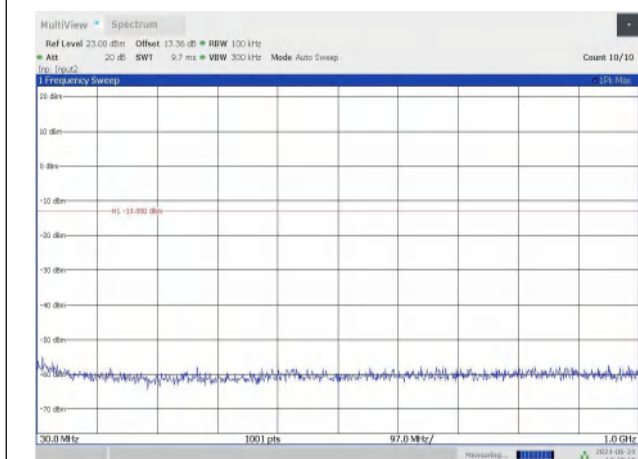


Fig.25

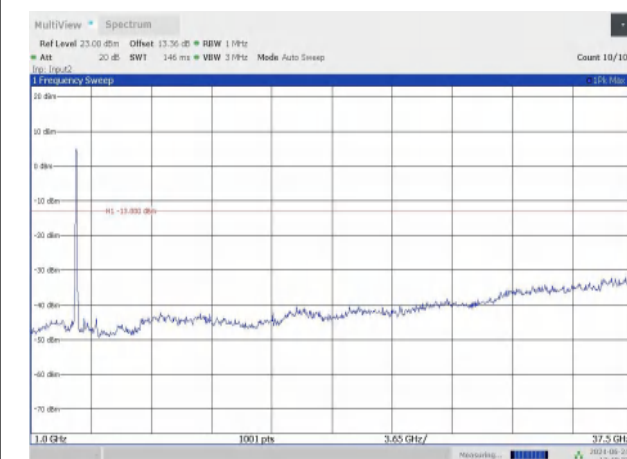


Fig.26

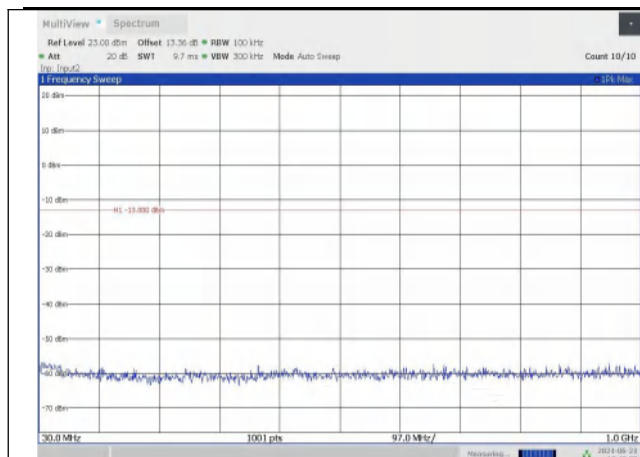


Fig.27

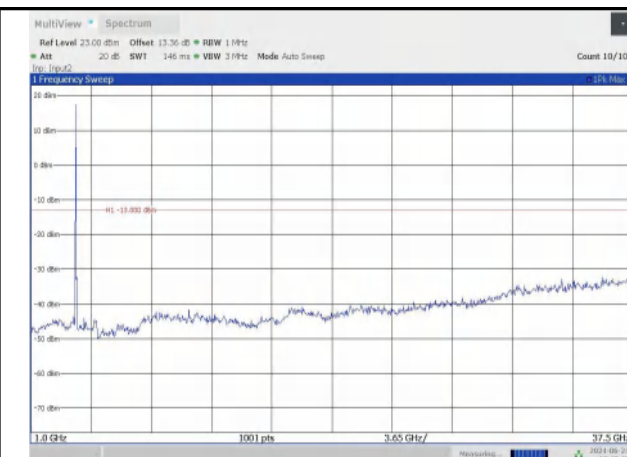


Fig.28

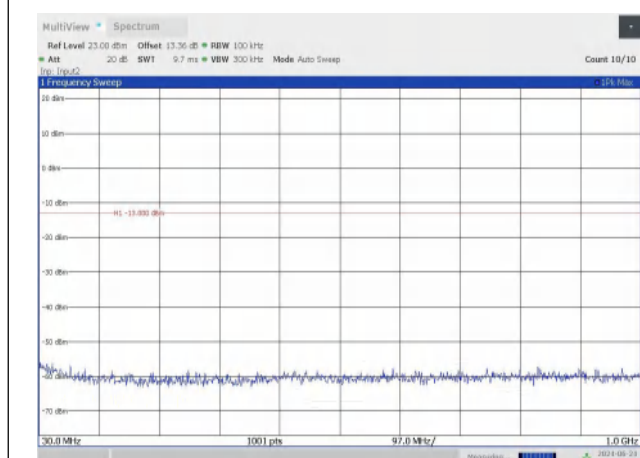


Fig.29

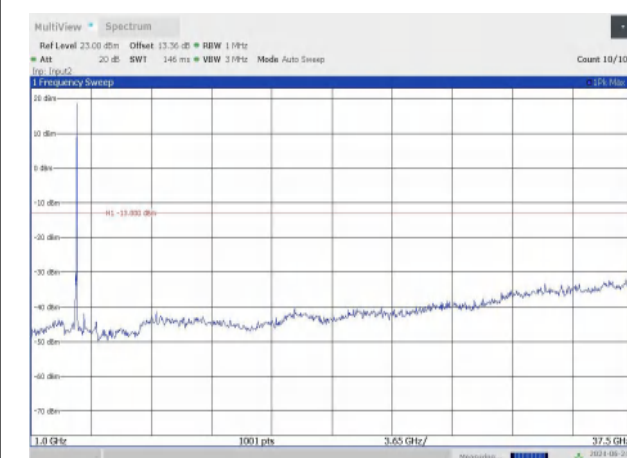


Fig.30

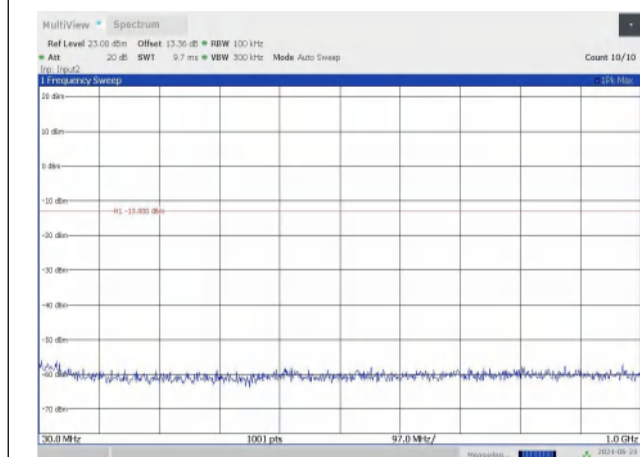


Fig.31

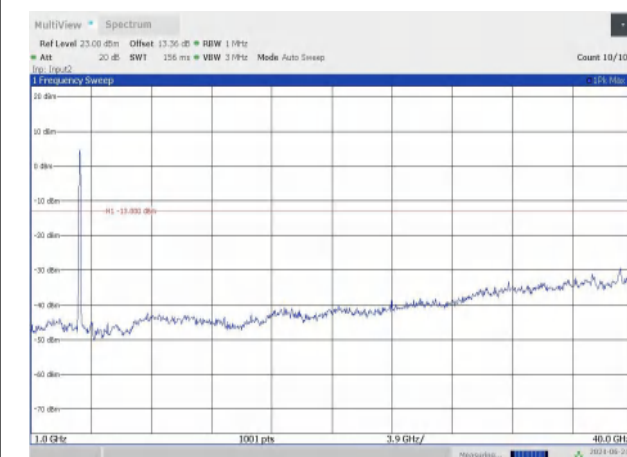


Fig.32

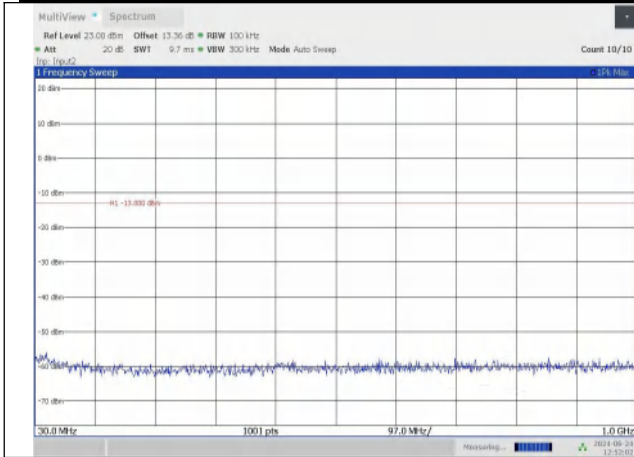


Fig.33

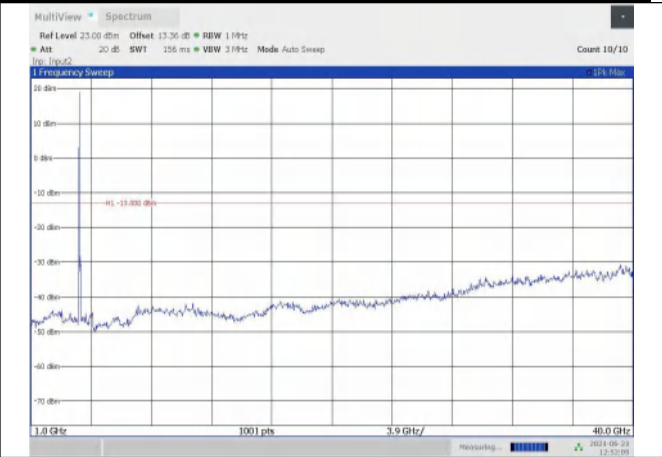


Fig.34

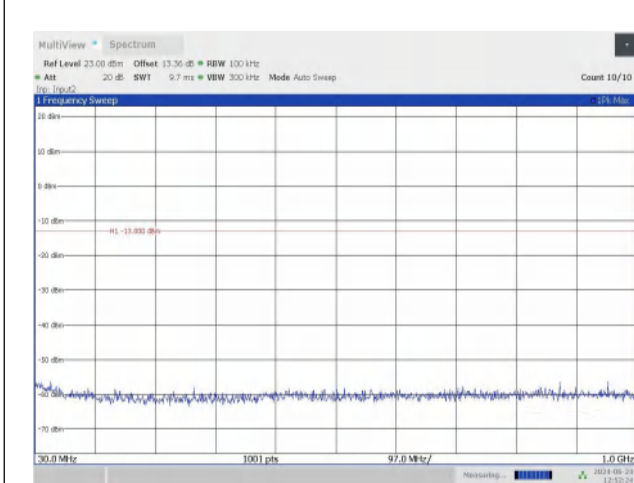


Fig.35

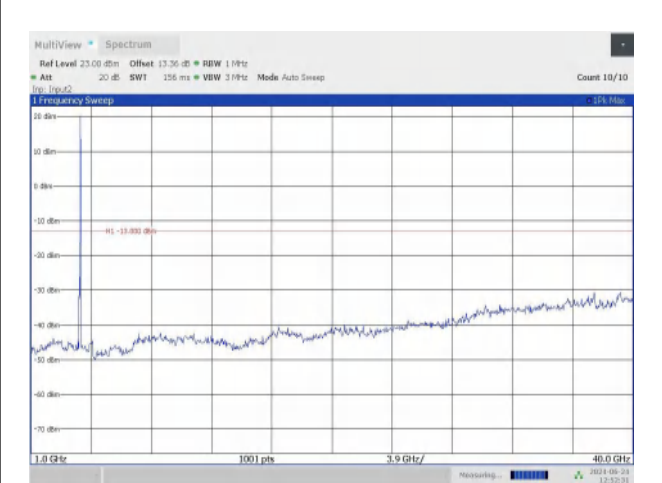


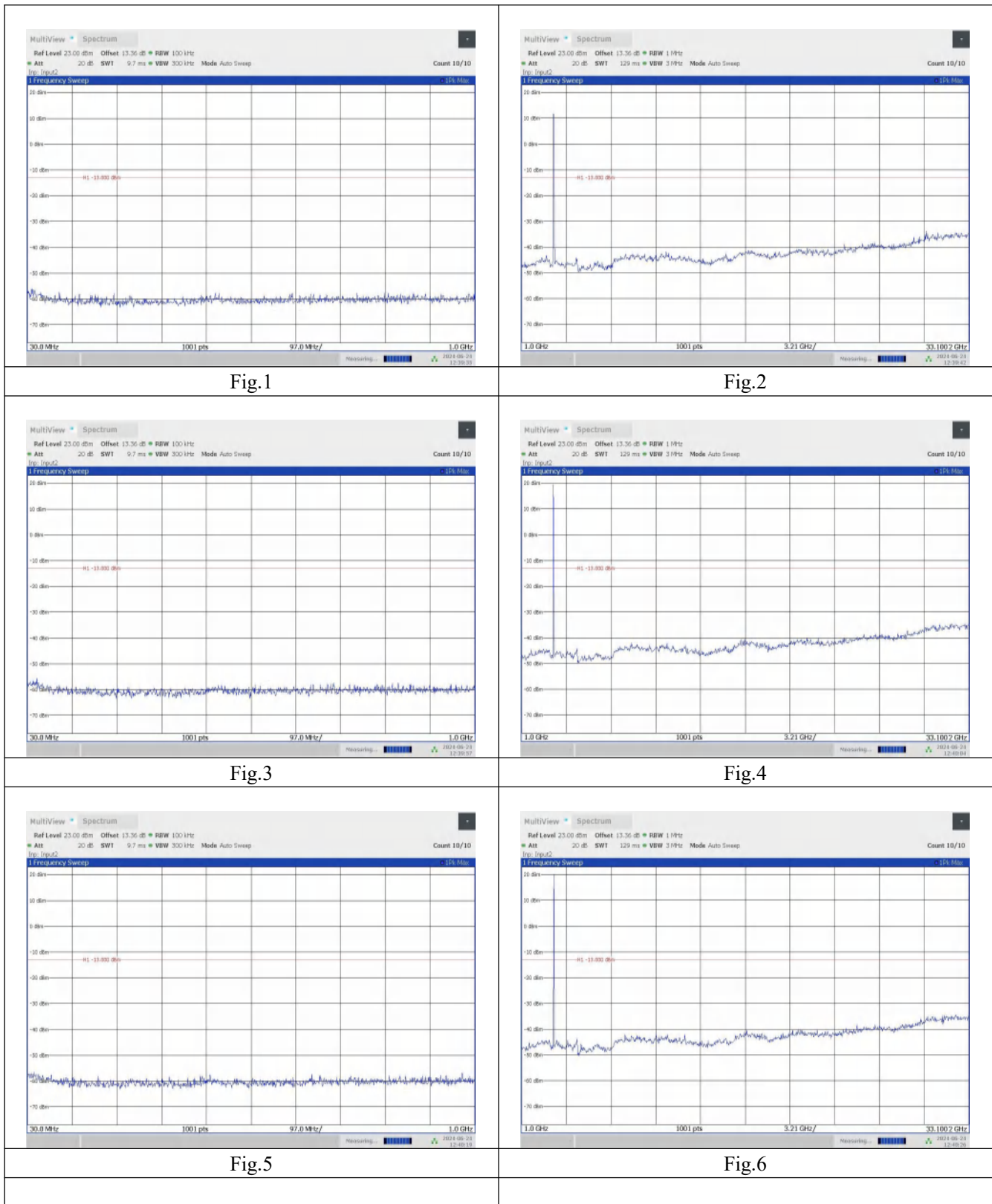
Fig.36

补充

| Modulation   | Carrier frequency (MHz) | UL Channel | BW (MHz) | RB Size | RB Offset | Conducted Spurious Plot |        |
|--------------|-------------------------|------------|----------|---------|-----------|-------------------------|--------|
|              |                         |            |          |         |           | 30M~1G                  | 1G~20G |
| CP-OFDM QPSK | 3310.02                 | 620668     | 20       | 51      | 0         | Fig.1                   | Fig.2  |
| CP-OFDM QPSK | 3310.02                 | 620668     | 20       | 1       | 0         | Fig.3                   | Fig.4  |
| CP-OFDM QPSK | 3310.02                 | 620668     | 20       | 1       | 50        | Fig.5                   | Fig.6  |
| CP-OFDM QPSK | 3750                    | 650000     | 20       | 51      | 0         | Fig.7                   | Fig.8  |
| CP-OFDM QPSK | 3750                    | 650000     | 20       | 1       | 0         | Fig.9                   | Fig.10 |
| CP-OFDM QPSK | 3750                    | 650000     | 20       | 1       | 50        | Fig.11                  | Fig.12 |
| CP-OFDM QPSK | 4189.98                 | 679332     | 20       | 51      | 0         | Fig.13                  | Fig.14 |
| CP-OFDM QPSK | 4189.98                 | 679332     | 20       | 1       | 0         | Fig.15                  | Fig.16 |
| CP-OFDM QPSK | 4189.98                 | 679332     | 20       | 1       | 50        | Fig.17                  | Fig.18 |
| CP-OFDM QPSK | 3340.02                 | 622668     | 80       | 217     | 0         | Fig.19                  | Fig.20 |
| CP-OFDM QPSK | 3340.02                 | 622668     | 80       | 1       | 216       | Fig.23                  | Fig.24 |
| CP-OFDM QPSK | 3750                    | 650000     | 80       | 217     | 0         | Fig.25                  | Fig.26 |
| CP-OFDM QPSK | 3750                    | 650000     | 80       | 1       | 0         | Fig.27                  | Fig.28 |
| CP-OFDM QPSK | 3750                    | 650000     | 80       | 1       | 216       | Fig.29                  | Fig.30 |
| CP-OFDM QPSK | 4159.98                 | 677332     | 80       | 217     | 0         | Fig.31                  | Fig.32 |

|              |         |        |    |   |     |        |        |
|--------------|---------|--------|----|---|-----|--------|--------|
| CP-OFDM QPSK | 4159.98 | 677332 | 80 | 1 | 0   | Fig.33 | Fig.34 |
| CP-OFDM QPSK | 4159.98 | 677332 | 80 | 1 | 216 | Fig.35 | Fig.36 |

Test Plot:



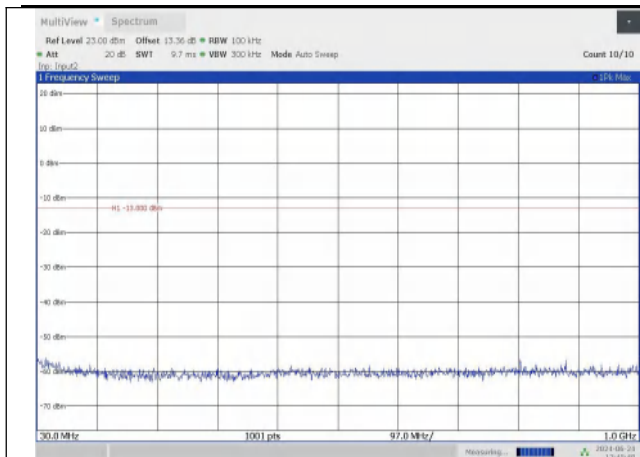


Fig.7



Fig.8

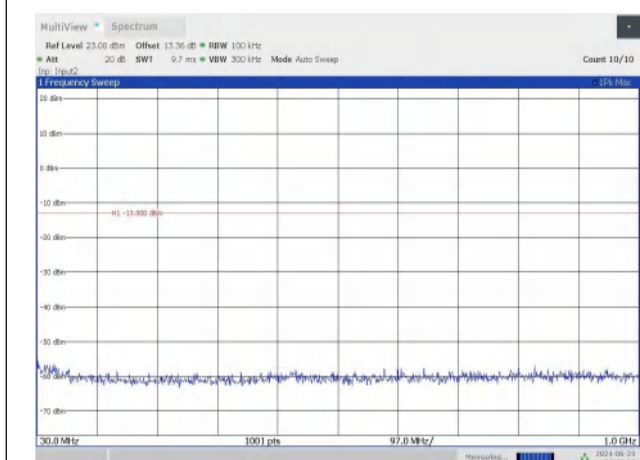


Fig.9

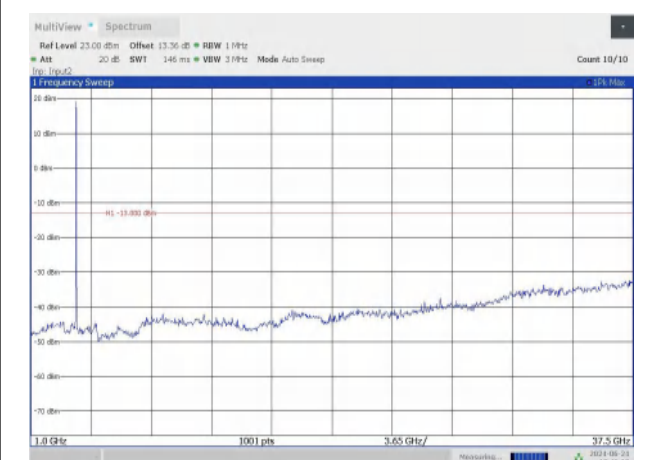


Fig.10

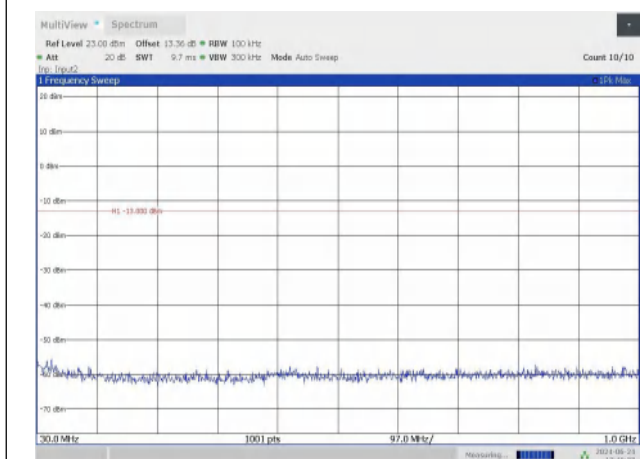


Fig.11

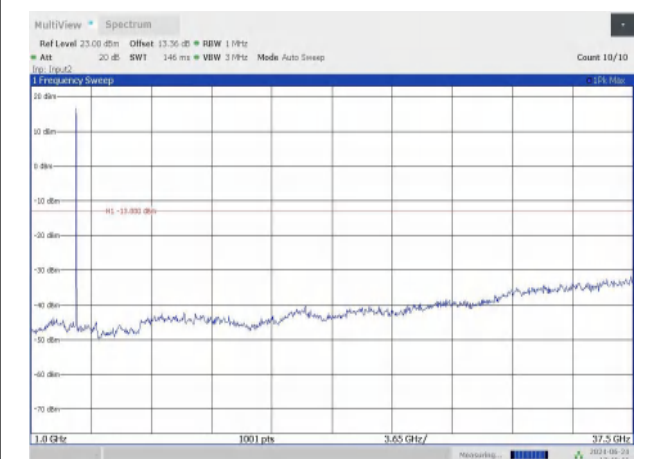


Fig.12