

### 3 Emission Bandwidth

| Band | Mode | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of -26dB transmitter power (MHz) |        |
|------|------|-------------------------|---------|----------|---------|-----------|--|--------|
| 28   | QPSK | 704.5                   | 27225   | 3        | 15      | 0         | 2.940                                      | Fig.1  |
| 28   | QPSK | 719.5                   | 27375   | 3        | 15      | 0         | 2.940                                      | Fig.2  |
| 28   | QPSK | 746.5                   | 27645   | 3        | 15      | 0         | 2.900                                      | Fig.3  |
| 28   | QPSK | 705.5                   | 27235   | 5        | 25      | 0         | 4.690                                      | Fig.4  |
| 28   | QPSK | 720.5                   | 27385   | 5        | 25      | 0         | 4.750                                      | Fig.5  |
| 28   | QPSK | 745.5                   | 27635   | 5        | 25      | 0         | 4.750                                      | Fig.6  |
| 28   | QPSK | 708                     | 27260   | 10       | 50      | 0         | 9.330                                      | Fig.7  |
| 28   | QPSK | 723                     | 27410   | 10       | 50      | 0         | 9.400                                      | Fig.8  |
| 28   | QPSK | 743                     | 27610   | 10       | 50      | 0         | 9.270                                      | Fig.9  |
| 28   | QPSK | 710.5                   | 27285   | 15       | 75      | 0         | 13.960                                     | Fig.10 |
| 28   | QPSK | 725.5                   | 27435   | 15       | 75      | 0         | 13.860                                     | Fig.11 |
| 28   | QPSK | 740.5                   | 27585   | 15       | 75      | 0         | 13.950                                     | Fig.12 |
| 28   | QPSK | 713                     | 27310   | 20       | 100     | 0         | 18.590                                     | Fig.13 |
| 28   | QPSK | 728                     | 27460   | 20       | 100     | 0         | 18.500                                     | Fig.14 |
| 28   | QPSK | 738                     | 27560   | 20       | 100     | 0         | 18.490                                     | Fig.15 |

| Band | Mode  | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of -26dB transmitter power (MHz) |        |
|------|-------|-------------------------|---------|----------|---------|-----------|--|--------|
| 28   | 16QAM | 704.5                   | 27225   | 3        | 15      | 0         | 2.880                                      | Fig.16 |
| 28   | 16QAM | 719.5                   | 27375   | 3        | 15      | 0         | 2.920                                      | Fig.17 |
| 28   | 16QAM | 746.5                   | 27645   | 3        | 15      | 0         | 2.870                                      | Fig.18 |
| 28   | 16QAM | 705.5                   | 27235   | 5        | 25      | 0         | 4.750                                      | Fig.19 |
| 28   | 16QAM | 720.5                   | 27385   | 5        | 25      | 0         | 4.740                                      | Fig.20 |
| 28   | 16QAM | 745.5                   | 27635   | 5        | 25      | 0         | 4.780                                      | Fig.21 |
| 28   | 16QAM | 708                     | 27260   | 10       | 50      | 0         | 9.330                                      | Fig.22 |
| 28   | 16QAM | 723                     | 27410   | 10       | 50      | 0         | 9.300                                      | Fig.23 |
| 28   | 16QAM | 743                     | 27610   | 10       | 50      | 0         | 9.330                                      | Fig.24 |
| 28   | 16QAM | 710.5                   | 27285   | 15       | 75      | 0         | 14.060                                     | Fig.25 |
| 28   | 16QAM | 725.5                   | 27435   | 15       | 75      | 0         | 14.000                                     | Fig.26 |
| 28   | 16QAM | 740.5                   | 27585   | 15       | 75      | 0         | 13.850                                     | Fig.27 |
| 28   | 16QAM | 713                     | 27310   | 20       | 100     | 0         | 18.550                                     | Fig.28 |
| 28   | 16QAM | 728                     | 27460   | 20       | 100     | 0         | 18.510                                     | Fig.29 |
| 28   | 16QAM | 738                     | 27560   | 20       | 100     | 0         | 18.560                                     | Fig.30 |

| Band | Mode  | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of -26dB transmitter power (MHz) |        |
|------|-------|-------------------------|---------|----------|---------|-----------|--|--------|
| 28   | 64QAM | 704.5                   | 27225   | 3        | 15      | 0         | 2.930                                      | Fig.31 |
| 28   | 64QAM | 719.5                   | 27375   | 3        | 15      | 0         | 2.890                                      | Fig.32 |
| 28   | 64QAM | 746.5                   | 27645   | 3        | 15      | 0         | 2.880                                      | Fig.33 |
| 28   | 64QAM | 705.5                   | 27235   | 5        | 25      | 0         | 4.690                                      | Fig.34 |
| 28   | 64QAM | 720.5                   | 27385   | 5        | 25      | 0         | 4.720                                      | Fig.35 |
| 28   | 64QAM | 745.5                   | 27635   | 5        | 25      | 0         | 4.730                                      | Fig.36 |
| 28   | 64QAM | 708                     | 27260   | 10       | 50      | 0         | 9.340                                      | Fig.37 |
| 28   | 64QAM | 723                     | 27410   | 10       | 50      | 0         | 9.300                                      | Fig.38 |
| 28   | 64QAM | 743                     | 27610   | 10       | 50      | 0         | 9.460                                      | Fig.39 |
| 28   | 64QAM | 710.5                   | 27285   | 15       | 75      | 0         | 13.880                                     | Fig.40 |
| 28   | 64QAM | 725.5                   | 27435   | 15       | 75      | 0         | 13.910                                     | Fig.41 |
| 28   | 64QAM | 740.5                   | 27585   | 15       | 75      | 0         | 13.860                                     | Fig.42 |
| 28   | 64QAM | 713                     | 27310   | 20       | 100     | 0         | 18.480                                     | Fig.43 |
| 28   | 64QAM | 728                     | 27460   | 20       | 100     | 0         | 18.590                                     | Fig.44 |
| 28   | 64QAM | 738                     | 27560   | 20       | 100     | 0         | 18.470                                     | Fig.45 |

Test Mode: QPSK

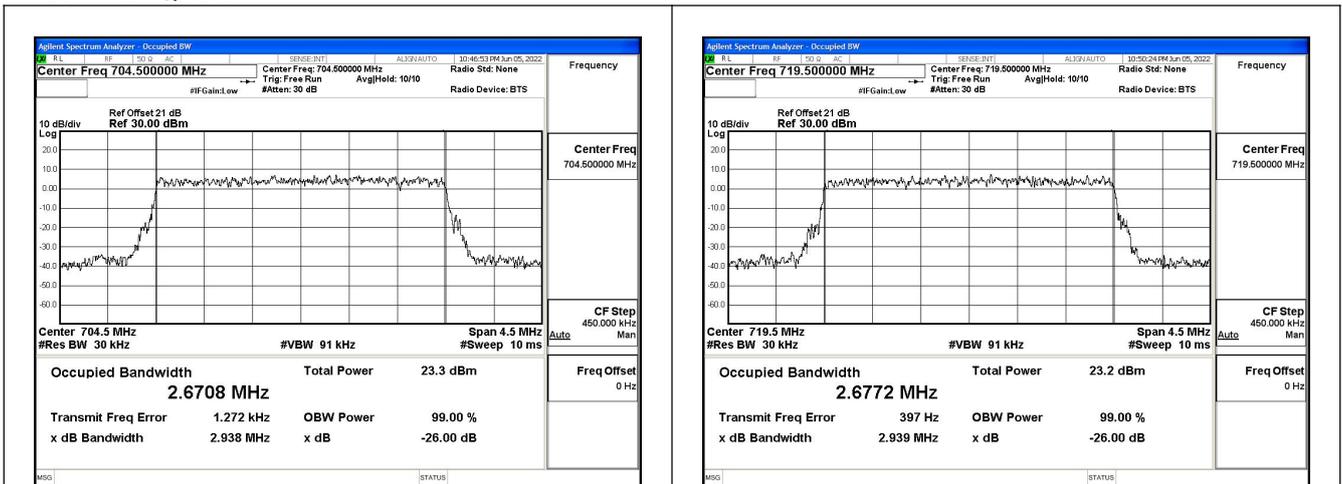


Fig.1

Fig.2

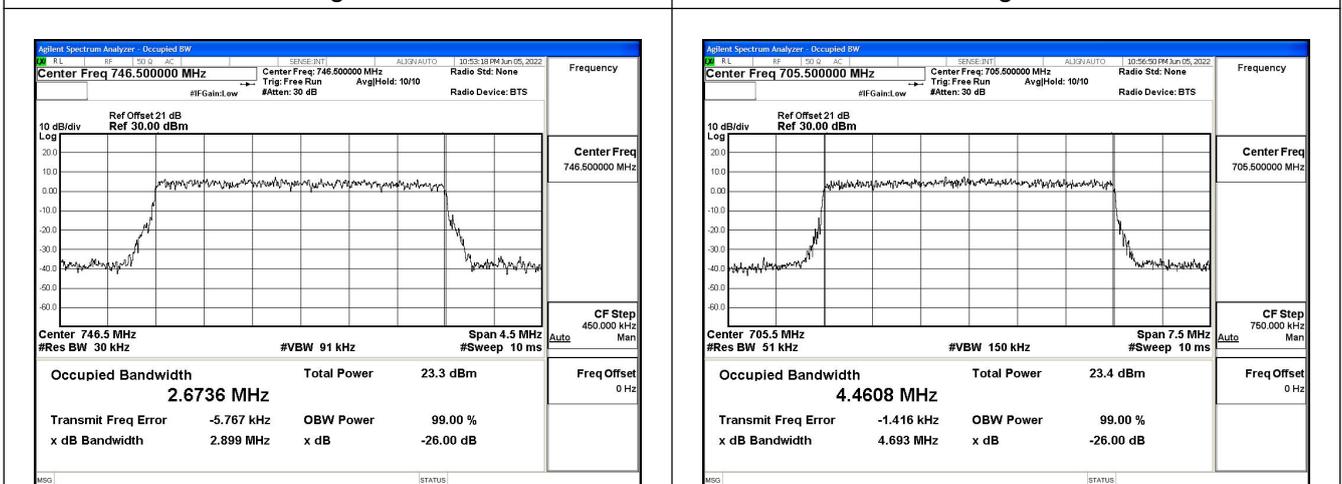


Fig.3

Fig.4

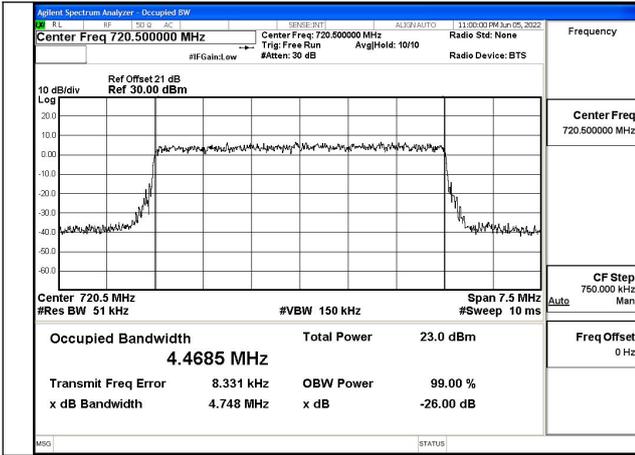


Fig.5

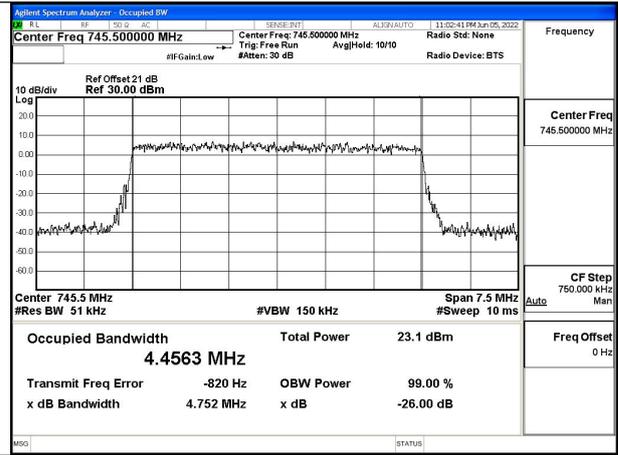


Fig.6

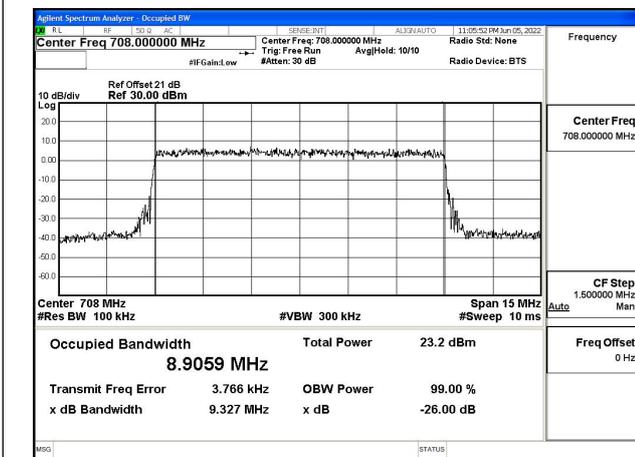


Fig.7

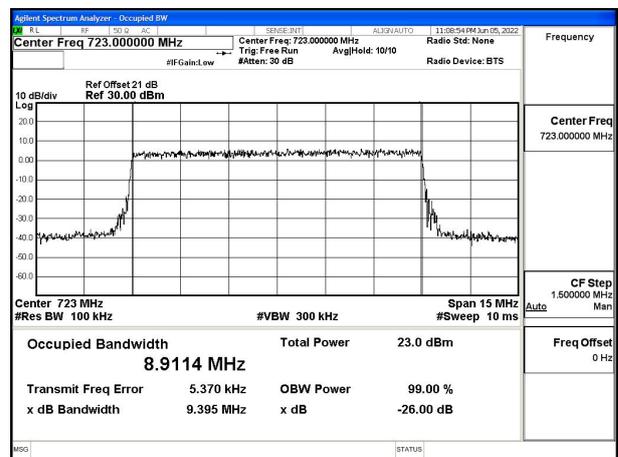


Fig.8

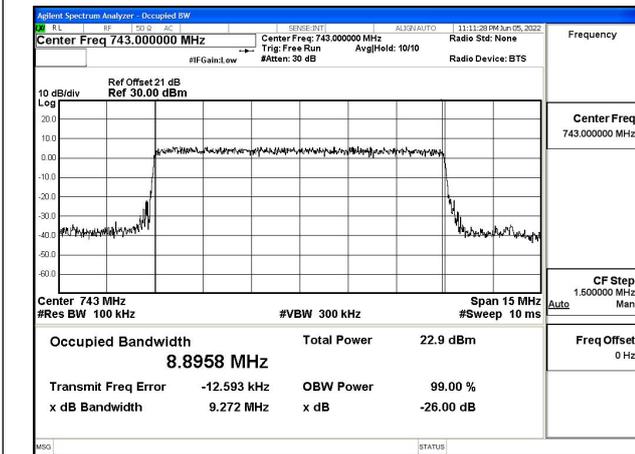


Fig.9

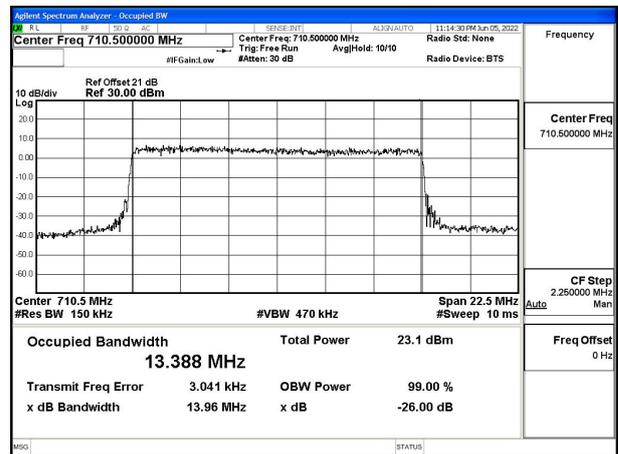


Fig.10

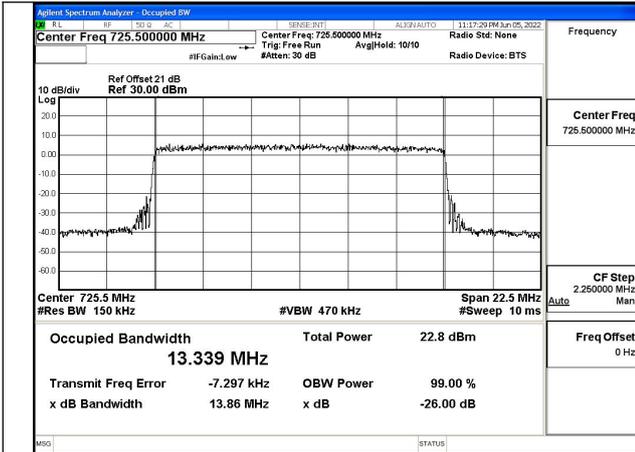


Fig. 11

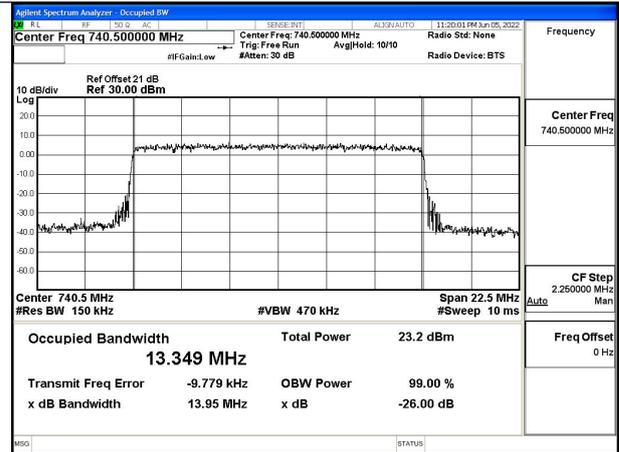


Fig. 12

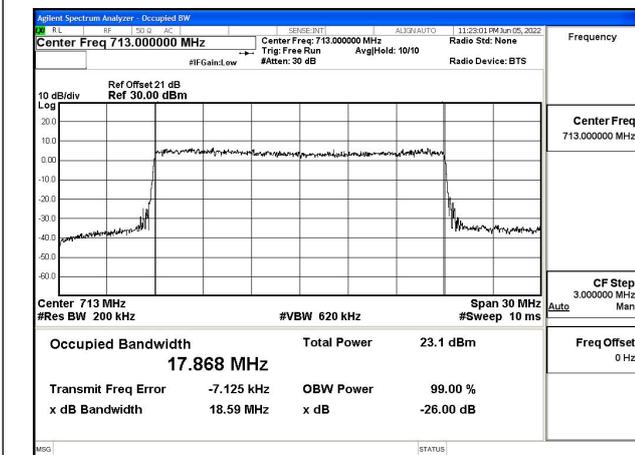


Fig. 13

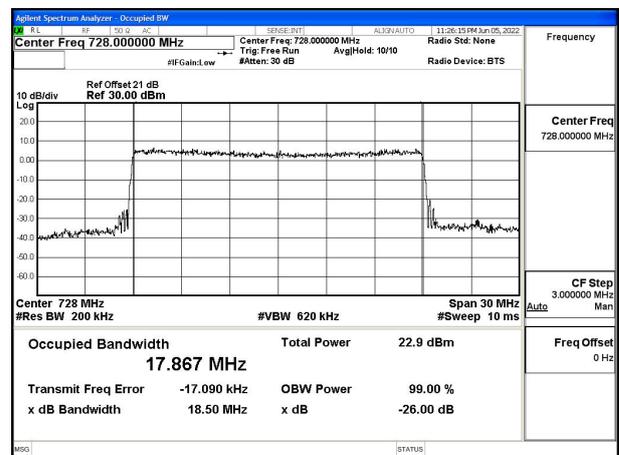


Fig. 14

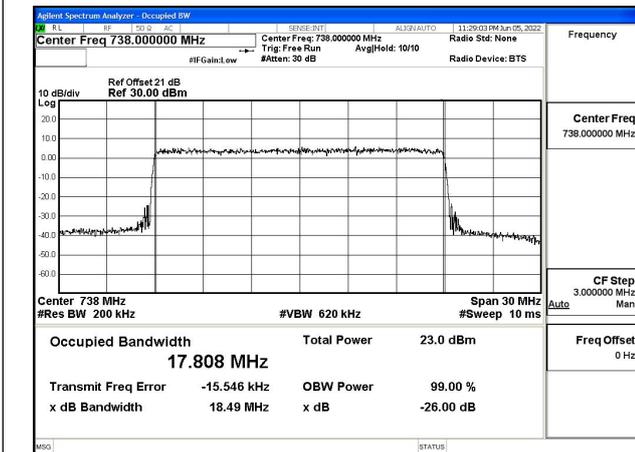


Fig. 15

Test Mode: 16QAM

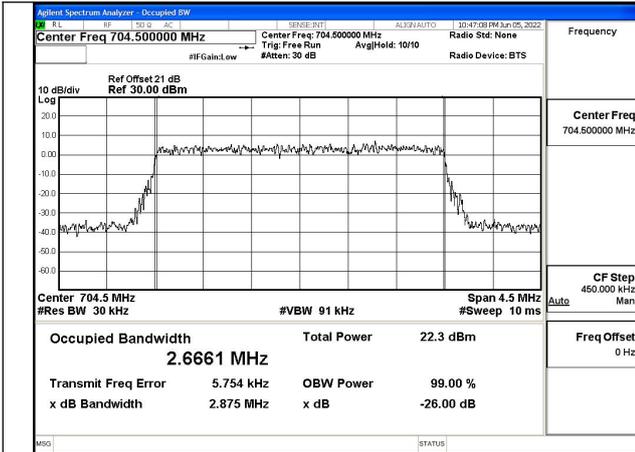


Fig.16

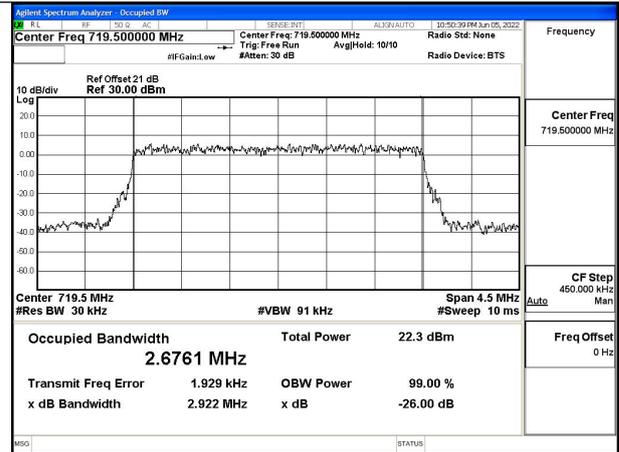


Fig.17

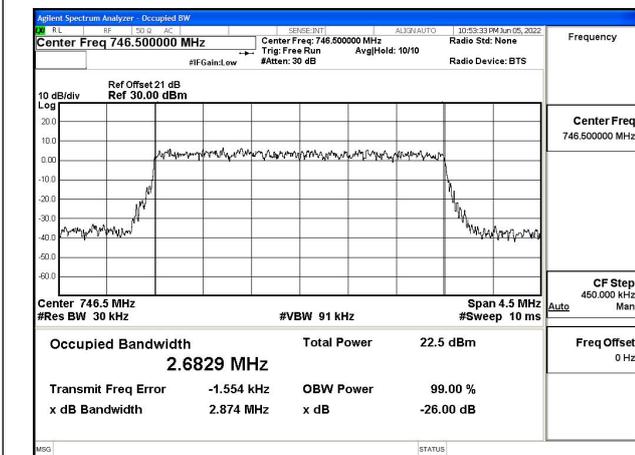


Fig.18

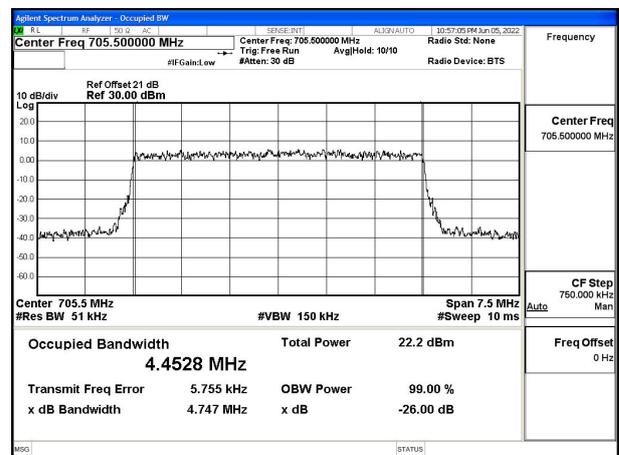


Fig.19

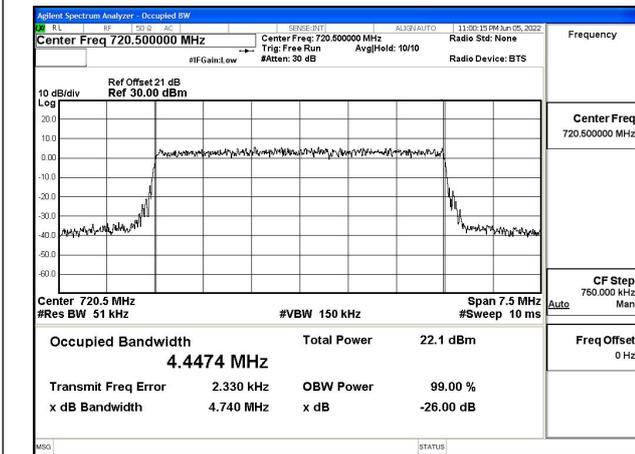


Fig.20

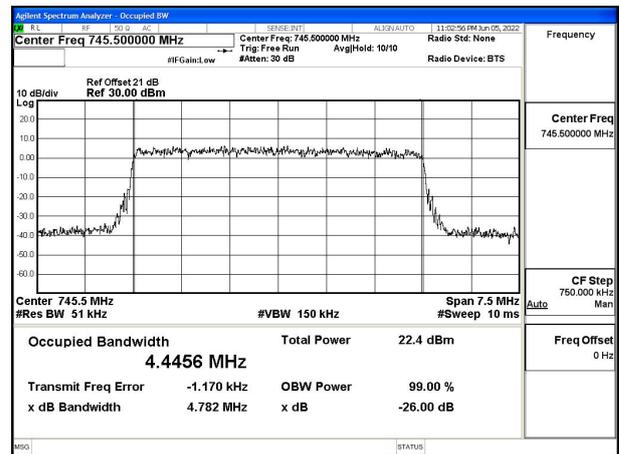


Fig.21

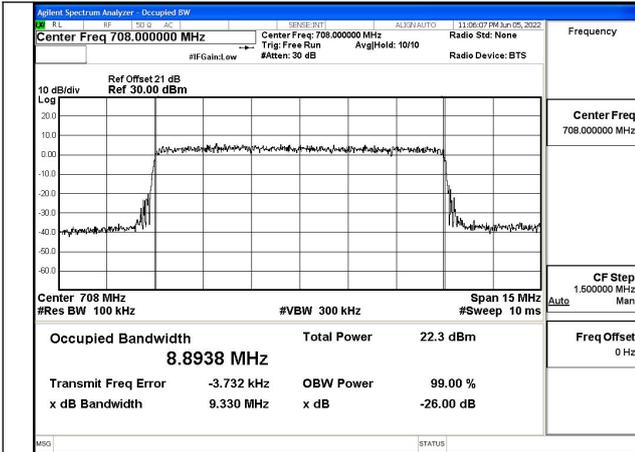


Fig.22

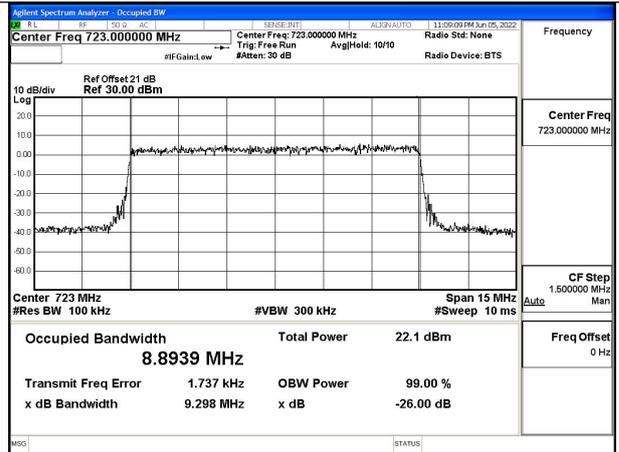


Fig.23

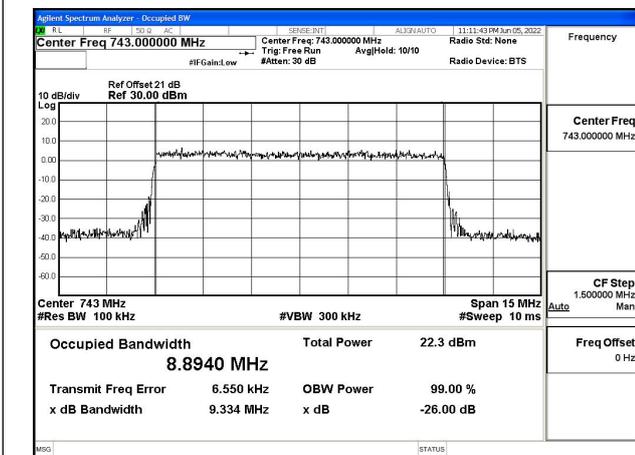


Fig.24

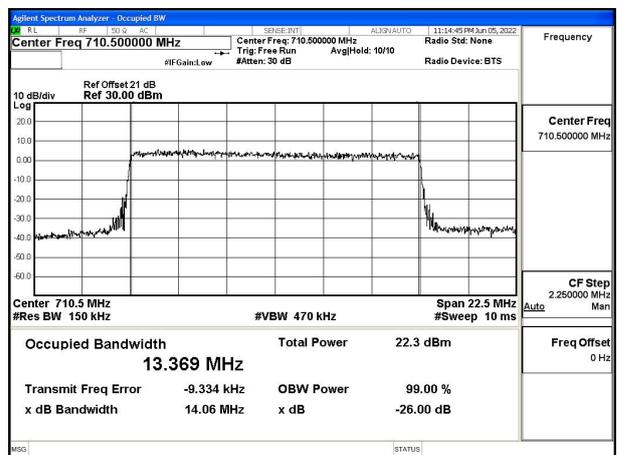


Fig.25

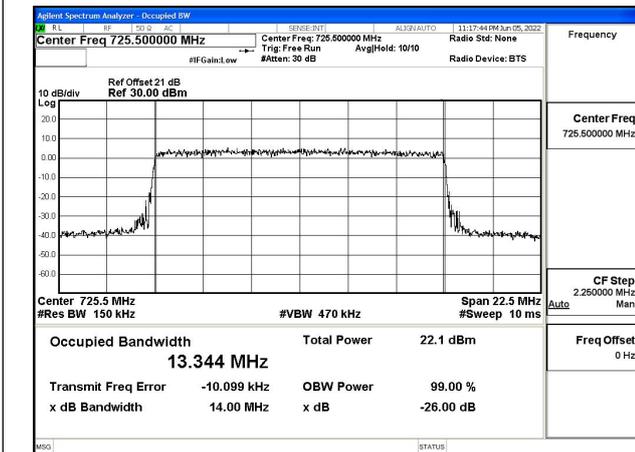


Fig.26

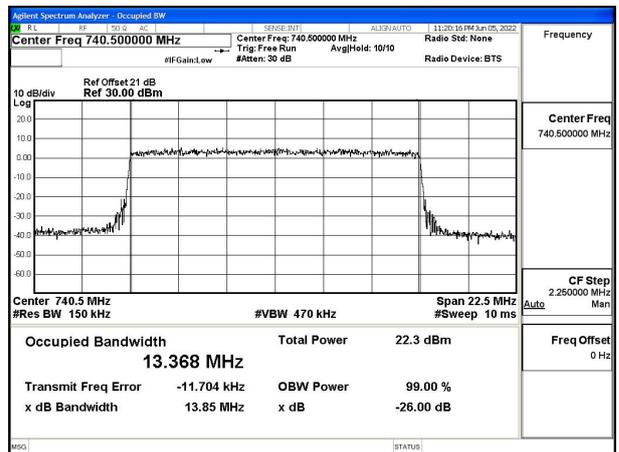


Fig.27

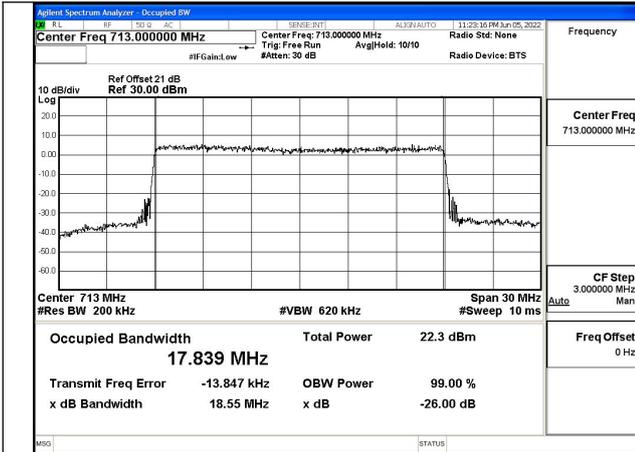


Fig.28

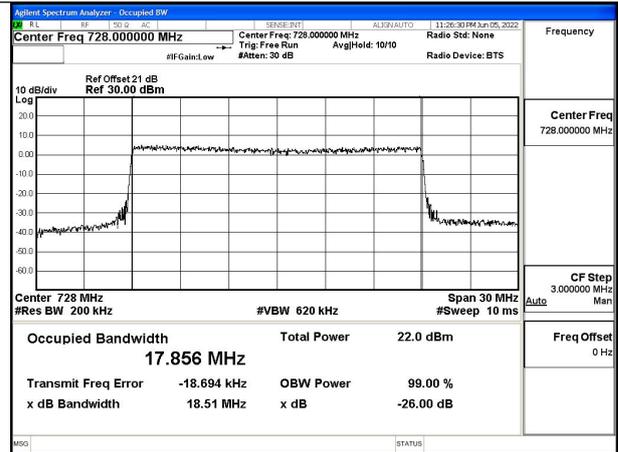


Fig.29

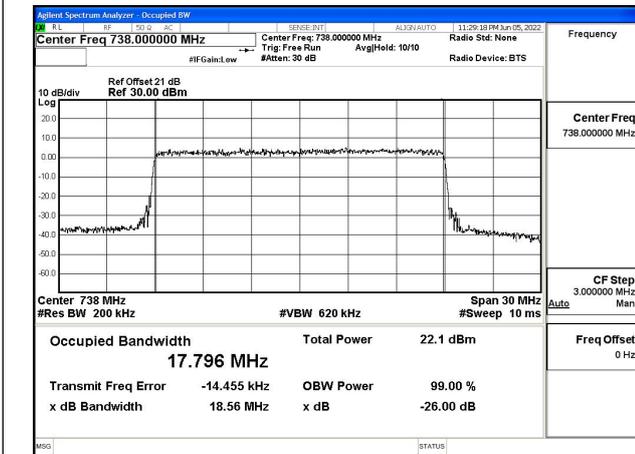


Fig.30

Test Mode: 64QAM

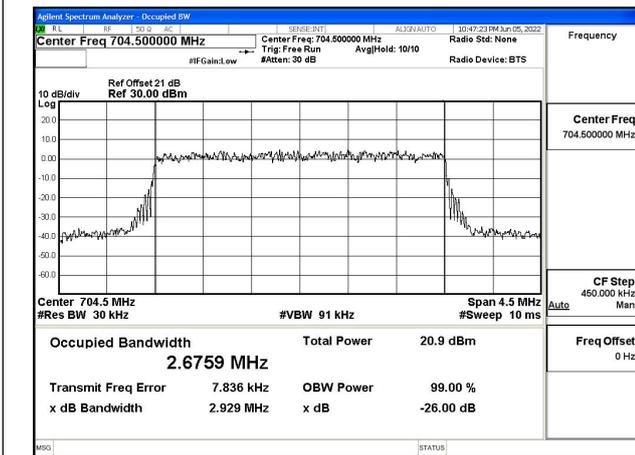


Fig.31

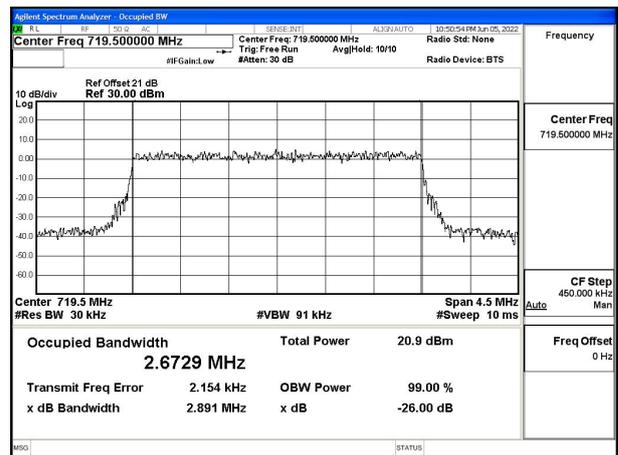


Fig.32

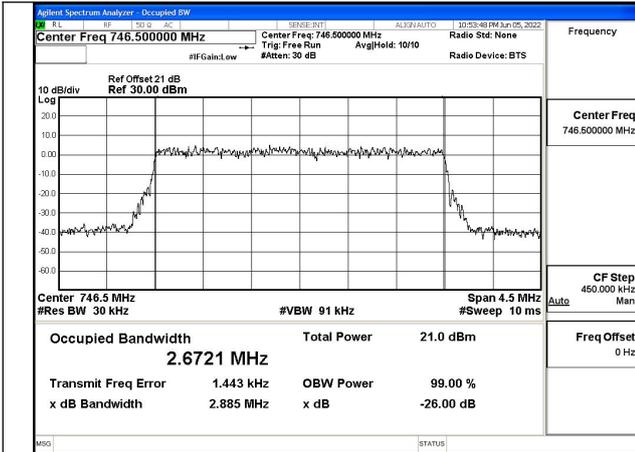


Fig.33

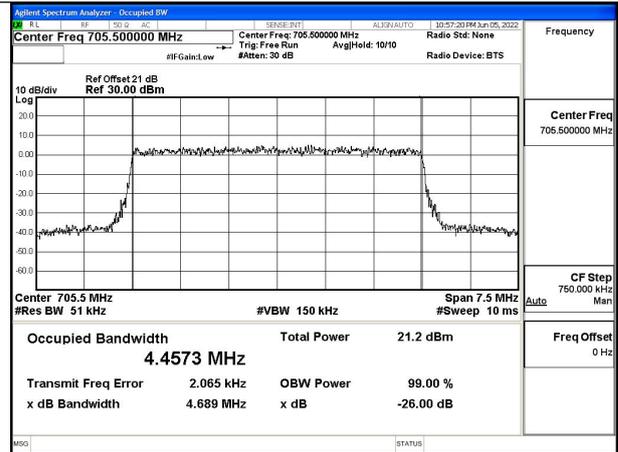


Fig.34

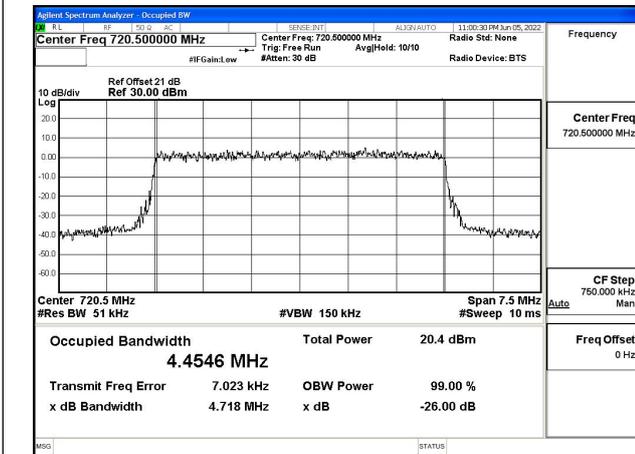


Fig.35

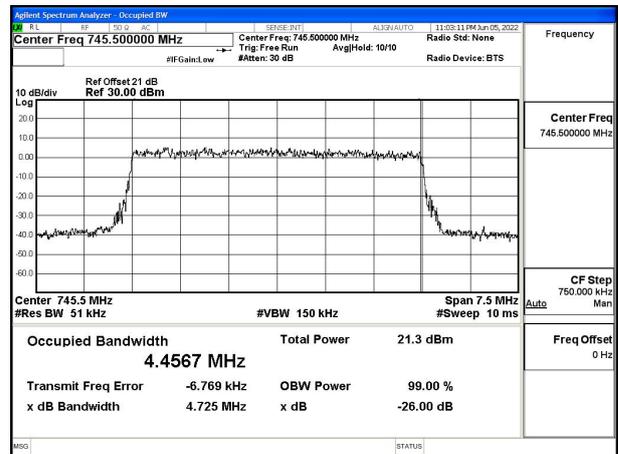


Fig.36

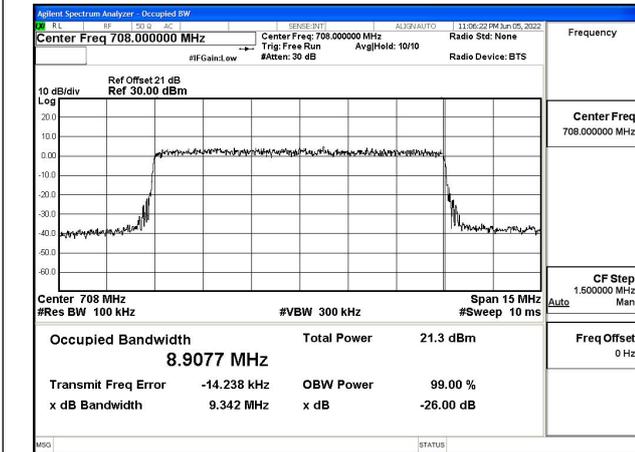


Fig.37

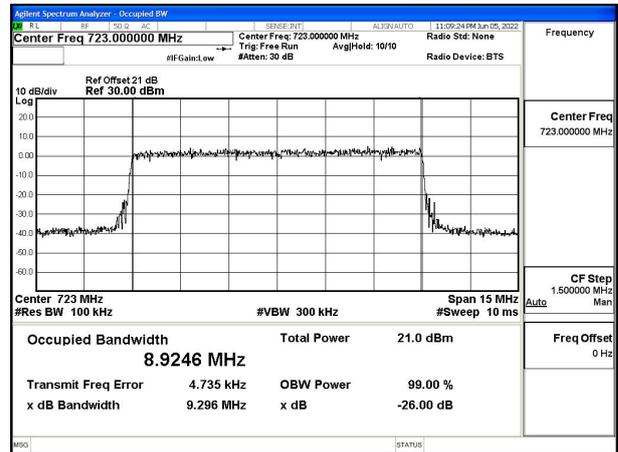


Fig.38

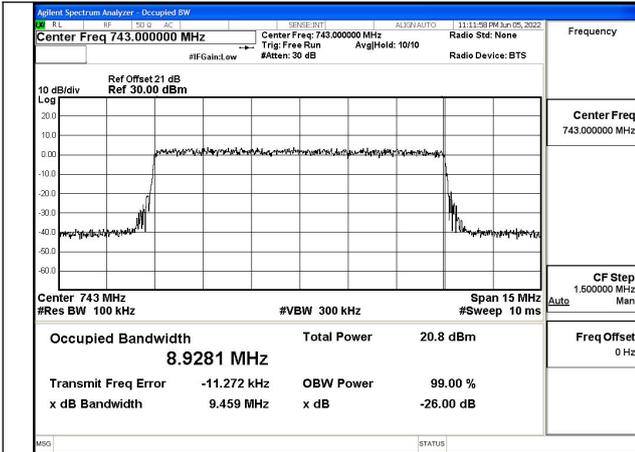


Fig.39

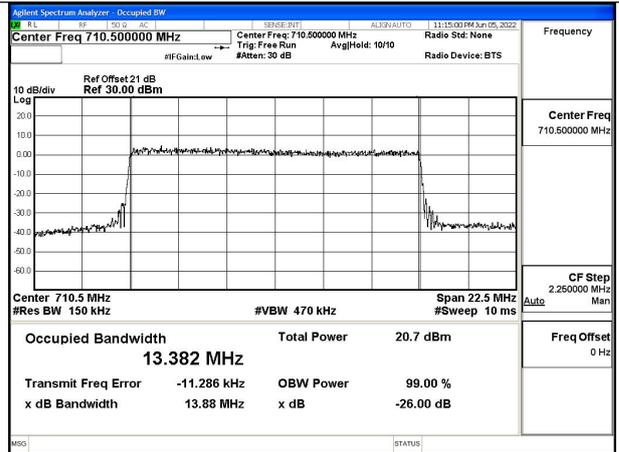


Fig.40

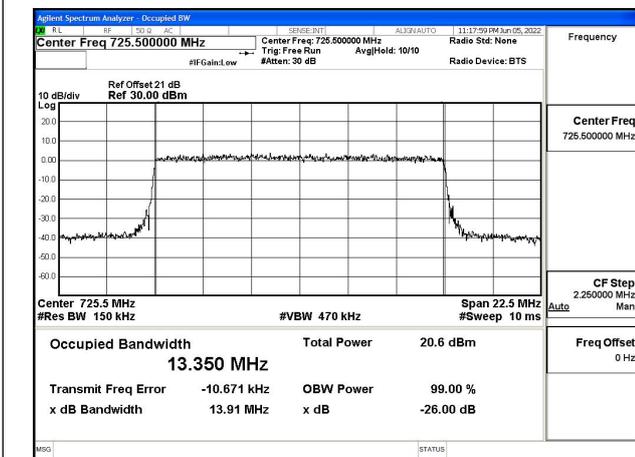


Fig.41

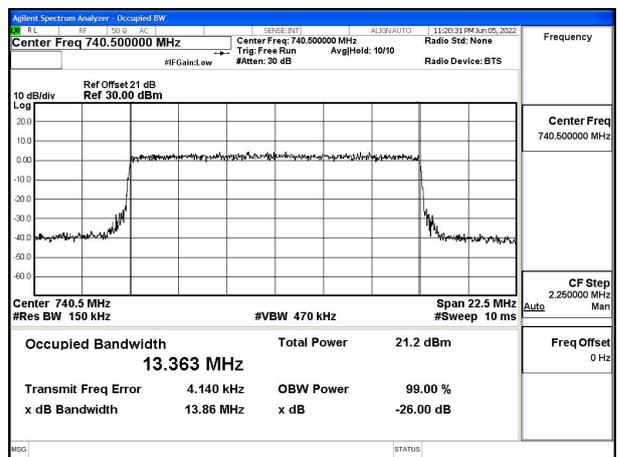


Fig.42

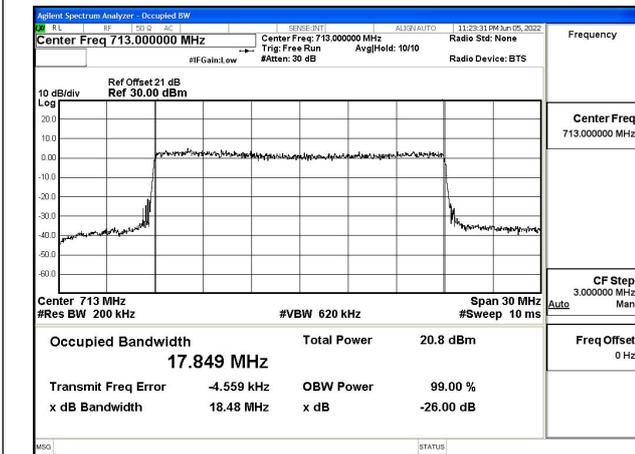


Fig.43

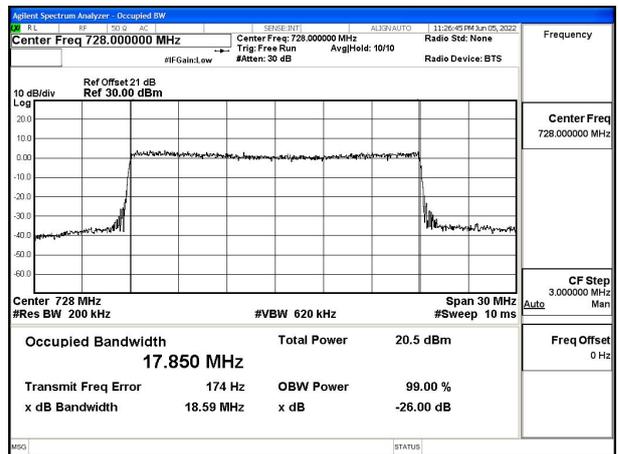
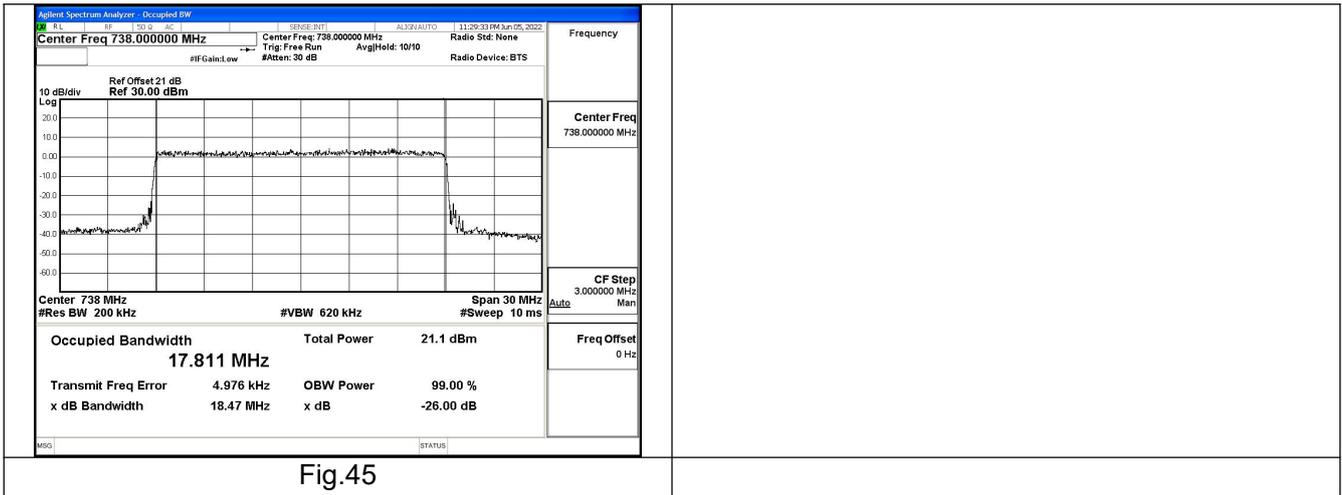


Fig.44



#### 4 Peak-Average Ratio

| Band | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | QPSK   | 16-QAM | 64-QAM |
|------|-------------------------|---------|----------|---------|-----------|--------|--------|--------|
| 28   | 704.5                   | 27225   | 3        | 1       | 14        | Fig.1  | Fig.2  | Fig.3  |
| 28   | 704.5                   | 27225   | 3        | 15      | 0         | Fig.4  | Fig.5  | Fig.6  |
| 28   | 719.5                   | 27375   | 3        | 1       | 14        | Fig.7  | Fig.8  | Fig.9  |
| 28   | 719.5                   | 27375   | 3        | 15      | 0         | Fig.10 | Fig.11 | Fig.12 |
| 28   | 746.5                   | 27645   | 3        | 1       | 14        | Fig.13 | Fig.14 | Fig.15 |
| 28   | 746.5                   | 27645   | 3        | 15      | 0         | Fig.16 | Fig.17 | Fig.18 |
| 28   | 705.5                   | 27235   | 5        | 1       | 24        | Fig.19 | Fig.20 | Fig.21 |
| 28   | 705.5                   | 27235   | 5        | 25      | 0         | Fig.22 | Fig.23 | Fig.24 |
| 28   | 720.5                   | 27385   | 5        | 1       | 24        | Fig.25 | Fig.26 | Fig.27 |
| 28   | 720.5                   | 27385   | 5        | 25      | 0         | Fig.28 | Fig.29 | Fig.30 |
| 28   | 745.5                   | 27635   | 5        | 1       | 24        | Fig.31 | Fig.32 | Fig.33 |
| 28   | 745.5                   | 27635   | 5        | 25      | 0         | Fig.34 | Fig.35 | Fig.36 |
| 28   | 708                     | 27260   | 10       | 1       | 49        | Fig.37 | Fig.38 | Fig.39 |
| 28   | 708                     | 27260   | 10       | 50      | 0         | Fig.40 | Fig.41 | Fig.42 |
| 28   | 723                     | 27410   | 10       | 1       | 49        | Fig.43 | Fig.44 | Fig.45 |
| 28   | 723                     | 27410   | 10       | 50      | 0         | Fig.46 | Fig.47 | Fig.48 |
| 28   | 743                     | 27610   | 10       | 1       | 49        | Fig.49 | Fig.50 | Fig.51 |
| 28   | 743                     | 27610   | 10       | 50      | 0         | Fig.52 | Fig.53 | Fig.54 |
| 28   | 710.5                   | 27285   | 15       | 1       | 74        | Fig.55 | Fig.56 | Fig.57 |
| 28   | 710.5                   | 27285   | 15       | 75      | 0         | Fig.58 | Fig.59 | Fig.60 |
| 28   | 725.5                   | 27435   | 15       | 1       | 74        | Fig.61 | Fig.62 | Fig.63 |
| 28   | 725.5                   | 27435   | 15       | 75      | 0         | Fig.64 | Fig.65 | Fig.66 |
| 28   | 740.5                   | 27585   | 15       | 1       | 74        | Fig.67 | Fig.68 | Fig.69 |
| 28   | 740.5                   | 27585   | 15       | 75      | 0         | Fig.70 | Fig.71 | Fig.72 |
| 28   | 713                     | 27310   | 20       | 1       | 99        | Fig.73 | Fig.74 | Fig.75 |
| 28   | 713                     | 27310   | 20       | 100     | 0         | Fig.76 | Fig.77 | Fig.78 |
| 28   | 728                     | 27460   | 20       | 1       | 99        | Fig.79 | Fig.80 | Fig.81 |
| 28   | 728                     | 27460   | 20       | 100     | 0         | Fig.82 | Fig.83 | Fig.84 |
| 28   | 738                     | 27560   | 20       | 1       | 99        | Fig.85 | Fig.86 | Fig.87 |
| 28   | 738                     | 27560   | 20       | 100     | 0         | Fig.88 | Fig.89 | Fig.90 |