

## APPENDIX A – TEST DATA OF CONDUCTED EMISSION

### LTE Band 28

#### 1 RF Power Output

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 704.5                   | 27225      | 3  | 1       | 0         | 23.31                 |
| QPSK       | 704.5                   | 27225      | 3  | 1       | 8         | 23.26                 |
| QPSK       | 704.5                   | 27225      | 3  | 1       | 14        | 23.31                 |
| QPSK       | 704.5                   | 27225      | 3  | 8       | 0         | 22.55                 |
| QPSK       | 704.5                   | 27225      | 3  | 8       | 4         | 22.40                 |
| QPSK       | 704.5                   | 27225      | 3  | 8       | 7         | 22.51                 |
| QPSK       | 704.5                   | 27225      | 3  | 15      | 0         | 22.50                 |
| QPSK       | 719.5                   | 27375      | 3  | 1       | 0         | 23.23                 |
| QPSK       | 719.5                   | 27375      | 3  | 1       | 8         | 23.22                 |
| QPSK       | 719.5                   | 27375      | 3  | 1       | 14        | 23.26                 |
| QPSK       | 719.5                   | 27375      | 3  | 8       | 0         | 22.30                 |
| QPSK       | 719.5                   | 27375      | 3  | 8       | 4         | 22.30                 |
| QPSK       | 719.5                   | 27375      | 3  | 8       | 7         | 22.21                 |
| QPSK       | 719.5                   | 27375      | 3  | 15      | 0         | 22.27                 |
| QPSK       | 746.5                   | 27645      | 3  | 1       | 0         | 23.14                 |
| QPSK       | 746.5                   | 27645      | 3  | 1       | 8         | 23.03                 |
| QPSK       | 746.5                   | 27645      | 3  | 1       | 14        | 23.18                 |
| QPSK       | 746.5                   | 27645      | 3  | 8       | 0         | 22.04                 |
| QPSK       | 746.5                   | 27645      | 3  | 8       | 4         | 21.93                 |
| QPSK       | 746.5                   | 27645      | 3  | 8       | 7         | 22.14                 |
| QPSK       | 746.5                   | 27645      | 3  | 15      | 0         | 22.04                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM      | 704.5                   | 27225      | 3  | 1       | 0         | 22.73                 |
| 16QAM      | 704.5                   | 27225      | 3  | 1       | 8         | 22.58                 |
| 16QAM      | 704.5                   | 27225      | 3  | 1       | 14        | 22.45                 |
| 16QAM      | 704.5                   | 27225      | 3  | 8       | 0         | 21.94                 |
| 16QAM      | 704.5                   | 27225      | 3  | 8       | 4         | 21.89                 |
| 16QAM      | 704.5                   | 27225      | 3  | 8       | 7         | 21.53                 |
| 16QAM      | 704.5                   | 27225      | 3  | 15      | 0         | 21.99                 |
| 16QAM      | 719.5                   | 27375      | 3  | 1       | 0         | 22.45                 |
| 16QAM      | 719.5                   | 27375      | 3  | 1       | 8         | 23.19                 |
| 16QAM      | 719.5                   | 27375      | 3  | 1       | 14        | 22.96                 |
| 16QAM      | 719.5                   | 27375      | 3  | 8       | 0         | 21.60                 |
| 16QAM      | 719.5                   | 27375      | 3  | 8       | 4         | 21.32                 |
| 16QAM      | 719.5                   | 27375      | 3  | 8       | 7         | 21.40                 |
| 16QAM      | 719.5                   | 27375      | 3  | 15      | 0         | 21.36                 |
| 16QAM      | 746.5                   | 27645      | 3  | 1       | 0         | 22.29                 |
| 16QAM      | 746.5                   | 27645      | 3  | 1       | 8         | 22.90                 |
| 16QAM      | 746.5                   | 27645      | 3  | 1       | 14        | 22.35                 |
| 16QAM      | 746.5                   | 27645      | 3  | 8       | 0         | 21.28                 |
| 16QAM      | 746.5                   | 27645      | 3  | 8       | 4         | 21.36                 |
| 16QAM      | 746.5                   | 27645      | 3  | 8       | 7         | 21.38                 |
| 16QAM      | 746.5                   | 27645      | 3  | 15      | 0         | 21.58                 |
| 64QAM      | 704.5                   | 27225      | 3  | 1       | 0         | 22.34                 |
| 64QAM      | 704.5                   | 27225      | 3  | 1       | 8         | 21.99                 |
| 64QAM      | 704.5                   | 27225      | 3  | 1       | 14        | 21.09                 |
| 64QAM      | 704.5                   | 27225      | 3  | 8       | 0         | 20.88                 |
| 64QAM      | 704.5                   | 27225      | 3  | 8       | 4         | 20.82                 |
| 64QAM      | 704.5                   | 27225      | 3  | 8       | 7         | 20.80                 |
| 64QAM      | 704.5                   | 27225      | 3  | 15      | 0         | 21.23                 |
| 64QAM      | 719.5                   | 27375      | 3  | 1       | 0         | 21.74                 |
| 64QAM      | 719.5                   | 27375      | 3  | 1       | 8         | 21.28                 |
| 64QAM      | 719.5                   | 27375      | 3  | 1       | 14        | 21.35                 |
| 64QAM      | 719.5                   | 27375      | 3  | 8       | 0         | 20.62                 |
| 64QAM      | 719.5                   | 27375      | 3  | 8       | 4         | 20.26                 |
| 64QAM      | 719.5                   | 27375      | 3  | 8       | 7         | 20.38                 |
| 64QAM      | 719.5                   | 27375      | 3  | 15      | 0         | 20.66                 |
| 64QAM      | 746.5                   | 27645      | 3  | 1       | 0         | 20.94                 |
| 64QAM      | 746.5                   | 27645      | 3  | 1       | 8         | 21.51                 |
| 64QAM      | 746.5                   | 27645      | 3  | 1       | 14        | 21.64                 |
| 64QAM      | 746.5                   | 27645      | 3  | 8       | 0         | 20.26                 |
| 64QAM      | 746.5                   | 27645      | 3  | 8       | 4         | 20.34                 |
| 64QAM      | 746.5                   | 27645      | 3  | 8       | 7         | 20.50                 |
| 64QAM      | 746.5                   | 27645      | 3  | 15      | 0         | 20.49                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 705.5                   | 27235      | 5  | 1       | 0         | 23.25                 |
| QPSK       | 705.5                   | 27235      | 5  | 1       | 12        | 23.42                 |
| QPSK       | 705.5                   | 27235      | 5  | 1       | 24        | 23.23                 |
| QPSK       | 705.5                   | 27235      | 5  | 12      | 0         | 22.27                 |
| QPSK       | 705.5                   | 27235      | 5  | 12      | 7         | 22.33                 |
| QPSK       | 705.5                   | 27235      | 5  | 12      | 13        | 22.25                 |
| QPSK       | 705.5                   | 27235      | 5  | 25      | 0         | 22.23                 |
| QPSK       | 720.5                   | 27385      | 5  | 1       | 0         | 23.42                 |
| QPSK       | 720.5                   | 27385      | 5  | 1       | 12        | 23.42                 |
| QPSK       | 720.5                   | 27385      | 5  | 1       | 24        | 23.50                 |
| QPSK       | 720.5                   | 27385      | 5  | 12      | 0         | 22.01                 |
| QPSK       | 720.5                   | 27385      | 5  | 12      | 7         | 22.23                 |
| QPSK       | 720.5                   | 27385      | 5  | 12      | 13        | 22.34                 |
| QPSK       | 720.5                   | 27385      | 5  | 25      | 0         | 22.26                 |
| QPSK       | 745.5                   | 27635      | 5  | 1       | 0         | 23.07                 |
| QPSK       | 745.5                   | 27635      | 5  | 1       | 12        | 23.06                 |
| QPSK       | 745.5                   | 27635      | 5  | 1       | 24        | 23.13                 |
| QPSK       | 745.5                   | 27635      | 5  | 12      | 0         | 22.04                 |
| QPSK       | 745.5                   | 27635      | 5  | 12      | 7         | 22.36                 |
| QPSK       | 745.5                   | 27635      | 5  | 12      | 13        | 21.81                 |
| QPSK       | 745.5                   | 27635      | 5  | 25      | 0         | 22.12                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM      | 705.5                   | 27235      | 5  | 1       | 0         | 22.44                 |
| 16QAM      | 705.5                   | 27235      | 5  | 1       | 12        | 22.64                 |
| 16QAM      | 705.5                   | 27235      | 5  | 1       | 24        | 22.46                 |
| 16QAM      | 705.5                   | 27235      | 5  | 12      | 0         | 21.71                 |
| 16QAM      | 705.5                   | 27235      | 5  | 12      | 7         | 21.17                 |
| 16QAM      | 705.5                   | 27235      | 5  | 12      | 13        | 21.16                 |
| 16QAM      | 705.5                   | 27235      | 5  | 25      | 0         | 21.36                 |
| 16QAM      | 720.5                   | 27385      | 5  | 1       | 0         | 22.78                 |
| 16QAM      | 720.5                   | 27385      | 5  | 1       | 12        | 22.12                 |
| 16QAM      | 720.5                   | 27385      | 5  | 1       | 24        | 22.29                 |
| 16QAM      | 720.5                   | 27385      | 5  | 12      | 0         | 21.42                 |
| 16QAM      | 720.5                   | 27385      | 5  | 12      | 7         | 21.43                 |
| 16QAM      | 720.5                   | 27385      | 5  | 12      | 13        | 21.12                 |
| 16QAM      | 720.5                   | 27385      | 5  | 25      | 0         | 21.33                 |
| 16QAM      | 745.5                   | 27635      | 5  | 1       | 0         | 22.78                 |
| 16QAM      | 745.5                   | 27635      | 5  | 1       | 12        | 22.37                 |
| 16QAM      | 745.5                   | 27635      | 5  | 1       | 24        | 22.49                 |
| 16QAM      | 745.5                   | 27635      | 5  | 12      | 0         | 21.19                 |
| 16QAM      | 745.5                   | 27635      | 5  | 12      | 7         | 21.17                 |
| 16QAM      | 745.5                   | 27635      | 5  | 12      | 13        | 21.56                 |
| 16QAM      | 745.5                   | 27635      | 5  | 25      | 0         | 20.87                 |
| 64QAM      | 705.5                   | 27235      | 5  | 1       | 0         | 21.97                 |
| 64QAM      | 705.5                   | 27235      | 5  | 1       | 12        | 21.46                 |
| 64QAM      | 705.5                   | 27235      | 5  | 1       | 24        | 21.79                 |
| 64QAM      | 705.5                   | 27235      | 5  | 12      | 0         | 20.80                 |
| 64QAM      | 705.5                   | 27235      | 5  | 12      | 7         | 20.96                 |
| 64QAM      | 705.5                   | 27235      | 5  | 12      | 13        | 20.94                 |
| 64QAM      | 705.5                   | 27235      | 5  | 25      | 0         | 20.40                 |
| 64QAM      | 720.5                   | 27385      | 5  | 1       | 0         | 22.46                 |
| 64QAM      | 720.5                   | 27385      | 5  | 1       | 12        | 20.97                 |
| 64QAM      | 720.5                   | 27385      | 5  | 1       | 24        | 21.68                 |
| 64QAM      | 720.5                   | 27385      | 5  | 12      | 0         | 20.42                 |
| 64QAM      | 720.5                   | 27385      | 5  | 12      | 7         | 20.76                 |
| 64QAM      | 720.5                   | 27385      | 5  | 12      | 13        | 20.95                 |
| 64QAM      | 720.5                   | 27385      | 5  | 25      | 0         | 20.19                 |
| 64QAM      | 745.5                   | 27635      | 5  | 1       | 0         | 20.81                 |
| 64QAM      | 745.5                   | 27635      | 5  | 1       | 12        | 21.18                 |
| 64QAM      | 745.5                   | 27635      | 5  | 1       | 24        | 21.17                 |
| 64QAM      | 745.5                   | 27635      | 5  | 12      | 0         | 20.28                 |
| 64QAM      | 745.5                   | 27635      | 5  | 12      | 7         | 20.15                 |
| 64QAM      | 745.5                   | 27635      | 5  | 12      | 13        | 20.15                 |
| 64QAM      | 745.5                   | 27635      | 5  | 25      | 0         | 20.37                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 708                     | 27260      | 10 | 1       | 0         | 23.39                 |
| QPSK       | 708                     | 27260      | 10 | 1       | 25        | 23.30                 |
| QPSK       | 708                     | 27260      | 10 | 1       | 49        | 23.32                 |
| QPSK       | 708                     | 27260      | 10 | 25      | 0         | 22.35                 |
| QPSK       | 708                     | 27260      | 10 | 25      | 12        | 22.32                 |
| QPSK       | 708                     | 27260      | 10 | 25      | 25        | 22.73                 |
| QPSK       | 708                     | 27260      | 10 | 50      | 0         | 22.42                 |
| QPSK       | 723                     | 27410      | 10 | 1       | 0         | 23.27                 |
| QPSK       | 723                     | 27410      | 10 | 1       | 25        | 22.97                 |
| QPSK       | 723                     | 27410      | 10 | 1       | 49        | 23.20                 |
| QPSK       | 723                     | 27410      | 10 | 25      | 0         | 22.20                 |
| QPSK       | 723                     | 27410      | 10 | 25      | 12        | 22.11                 |
| QPSK       | 723                     | 27410      | 10 | 25      | 25        | 22.20                 |
| QPSK       | 723                     | 27410      | 10 | 50      | 0         | 22.38                 |
| QPSK       | 743                     | 27610      | 10 | 1       | 0         | 23.01                 |
| QPSK       | 743                     | 27610      | 10 | 1       | 25        | 22.98                 |
| QPSK       | 743                     | 27610      | 10 | 1       | 49        | 23.23                 |
| QPSK       | 743                     | 27610      | 10 | 25      | 0         | 22.09                 |
| QPSK       | 743                     | 27610      | 10 | 25      | 12        | 21.91                 |
| QPSK       | 743                     | 27610      | 10 | 25      | 25        | 22.02                 |
| QPSK       | 743                     | 27610      | 10 | 50      | 0         | 22.03                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM      | 708                     | 27260      | 10 | 1       | 0         | 23.21                 |
| 16QAM      | 708                     | 27260      | 10 | 1       | 25        | 22.81                 |
| 16QAM      | 708                     | 27260      | 10 | 1       | 49        | 22.83                 |
| 16QAM      | 708                     | 27260      | 10 | 25      | 0         | 21.16                 |
| 16QAM      | 708                     | 27260      | 10 | 25      | 12        | 21.51                 |
| 16QAM      | 708                     | 27260      | 10 | 25      | 25        | 21.73                 |
| 16QAM      | 708                     | 27260      | 10 | 50      | 0         | 21.53                 |
| 16QAM      | 723                     | 27410      | 10 | 1       | 0         | 22.45                 |
| 16QAM      | 723                     | 27410      | 10 | 1       | 25        | 22.59                 |
| 16QAM      | 723                     | 27410      | 10 | 1       | 49        | 22.53                 |
| 16QAM      | 723                     | 27410      | 10 | 25      | 0         | 21.27                 |
| 16QAM      | 723                     | 27410      | 10 | 25      | 12        | 21.11                 |
| 16QAM      | 723                     | 27410      | 10 | 25      | 25        | 20.99                 |
| 16QAM      | 723                     | 27410      | 10 | 50      | 0         | 21.18                 |
| 16QAM      | 743                     | 27610      | 10 | 1       | 0         | 22.33                 |
| 16QAM      | 743                     | 27610      | 10 | 1       | 25        | 22.28                 |
| 16QAM      | 743                     | 27610      | 10 | 1       | 49        | 22.29                 |
| 16QAM      | 743                     | 27610      | 10 | 25      | 0         | 20.96                 |
| 16QAM      | 743                     | 27610      | 10 | 25      | 12        | 21.05                 |
| 16QAM      | 743                     | 27610      | 10 | 25      | 25        | 20.86                 |
| 16QAM      | 743                     | 27610      | 10 | 50      | 0         | 20.86                 |
| 64QAM      | 708                     | 27260      | 10 | 1       | 0         | 21.94                 |
| 64QAM      | 708                     | 27260      | 10 | 1       | 25        | 21.41                 |
| 64QAM      | 708                     | 27260      | 10 | 1       | 49        | 21.62                 |
| 64QAM      | 708                     | 27260      | 10 | 25      | 0         | 20.86                 |
| 64QAM      | 708                     | 27260      | 10 | 25      | 12        | 20.69                 |
| 64QAM      | 708                     | 27260      | 10 | 25      | 25        | 20.66                 |
| 64QAM      | 708                     | 27260      | 10 | 50      | 0         | 20.83                 |
| 64QAM      | 723                     | 27410      | 10 | 1       | 0         | 21.59                 |
| 64QAM      | 723                     | 27410      | 10 | 1       | 25        | 21.76                 |
| 64QAM      | 723                     | 27410      | 10 | 1       | 49        | 21.55                 |
| 64QAM      | 723                     | 27410      | 10 | 25      | 0         | 20.28                 |
| 64QAM      | 723                     | 27410      | 10 | 25      | 12        | 20.44                 |
| 64QAM      | 723                     | 27410      | 10 | 25      | 25        | 20.54                 |
| 64QAM      | 723                     | 27410      | 10 | 50      | 0         | 20.41                 |
| 64QAM      | 743                     | 27610      | 10 | 1       | 0         | 20.53                 |
| 64QAM      | 743                     | 27610      | 10 | 1       | 25        | 21.69                 |
| 64QAM      | 743                     | 27610      | 10 | 1       | 49        | 21.24                 |
| 64QAM      | 743                     | 27610      | 10 | 25      | 0         | 20.58                 |
| 64QAM      | 743                     | 27610      | 10 | 25      | 12        | 20.41                 |
| 64QAM      | 743                     | 27610      | 10 | 25      | 25        | 20.15                 |
| 64QAM      | 743                     | 27610      | 10 | 50      | 0         | 20.28                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 710.5                   | 27285      | 15 | 1       | 0         | 23.42                 |
| QPSK       | 710.5                   | 27285      | 15 | 1       | 37        | 23.33                 |
| QPSK       | 710.5                   | 27285      | 15 | 1       | 74        | 23.38                 |
| QPSK       | 710.5                   | 27285      | 15 | 36      | 0         | 22.41                 |
| QPSK       | 710.5                   | 27285      | 15 | 36      | 29        | 22.33                 |
| QPSK       | 710.5                   | 27285      | 15 | 36      | 30        | 22.36                 |
| QPSK       | 710.5                   | 27285      | 15 | 75      | 0         | 22.69                 |
| QPSK       | 725.5                   | 27435      | 15 | 1       | 0         | 23.41                 |
| QPSK       | 725.5                   | 27435      | 15 | 1       | 37        | 23.32                 |
| QPSK       | 725.5                   | 27435      | 15 | 1       | 74        | 23.26                 |
| QPSK       | 725.5                   | 27435      | 15 | 36      | 0         | 22.37                 |
| QPSK       | 725.5                   | 27435      | 15 | 36      | 29        | 22.20                 |
| QPSK       | 725.5                   | 27435      | 15 | 36      | 30        | 22.19                 |
| QPSK       | 725.5                   | 27435      | 15 | 75      | 0         | 22.14                 |
| QPSK       | 740.5                   | 27585      | 15 | 1       | 0         | 23.31                 |
| QPSK       | 740.5                   | 27585      | 15 | 1       | 37        | 22.95                 |
| QPSK       | 740.5                   | 27585      | 15 | 1       | 74        | 23.23                 |
| QPSK       | 740.5                   | 27585      | 15 | 36      | 0         | 22.34                 |
| QPSK       | 740.5                   | 27585      | 15 | 36      | 29        | 22.06                 |
| QPSK       | 740.5                   | 27585      | 15 | 36      | 30        | 22.06                 |
| QPSK       | 740.5                   | 27585      | 15 | 75      | 0         | 22.00                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM      | 710.5                   | 27285      | 15 | 1       | 0         | 23.06                 |
| 16QAM      | 710.5                   | 27285      | 15 | 1       | 37        | 22.89                 |
| 16QAM      | 710.5                   | 27285      | 15 | 1       | 74        | 22.61                 |
| 16QAM      | 710.5                   | 27285      | 15 | 36      | 0         | 21.55                 |
| 16QAM      | 710.5                   | 27285      | 15 | 36      | 29        | 21.40                 |
| 16QAM      | 710.5                   | 27285      | 15 | 36      | 30        | 21.24                 |
| 16QAM      | 710.5                   | 27285      | 15 | 75      | 0         | 21.55                 |
| 16QAM      | 725.5                   | 27435      | 15 | 1       | 0         | 23.25                 |
| 16QAM      | 725.5                   | 27435      | 15 | 1       | 37        | 22.92                 |
| 16QAM      | 725.5                   | 27435      | 15 | 1       | 74        | 22.45                 |
| 16QAM      | 725.5                   | 27435      | 15 | 36      | 0         | 21.19                 |
| 16QAM      | 725.5                   | 27435      | 15 | 36      | 29        | 21.00                 |
| 16QAM      | 725.5                   | 27435      | 15 | 36      | 30        | 20.98                 |
| 16QAM      | 725.5                   | 27435      | 15 | 75      | 0         | 21.15                 |
| 16QAM      | 740.5                   | 27585      | 15 | 1       | 0         | 22.78                 |
| 16QAM      | 740.5                   | 27585      | 15 | 1       | 37        | 22.97                 |
| 16QAM      | 740.5                   | 27585      | 15 | 1       | 74        | 22.13                 |
| 16QAM      | 740.5                   | 27585      | 15 | 36      | 0         | 21.09                 |
| 16QAM      | 740.5                   | 27585      | 15 | 36      | 29        | 21.25                 |
| 16QAM      | 740.5                   | 27585      | 15 | 36      | 30        | 21.05                 |
| 16QAM      | 740.5                   | 27585      | 15 | 75      | 0         | 21.14                 |
| 64QAM      | 710.5                   | 27285      | 15 | 1       | 0         | 21.55                 |
| 64QAM      | 710.5                   | 27285      | 15 | 1       | 37        | 21.57                 |
| 64QAM      | 710.5                   | 27285      | 15 | 1       | 74        | 21.79                 |
| 64QAM      | 710.5                   | 27285      | 15 | 36      | 0         | 20.87                 |
| 64QAM      | 710.5                   | 27285      | 15 | 36      | 29        | 20.39                 |
| 64QAM      | 710.5                   | 27285      | 15 | 36      | 30        | 20.19                 |
| 64QAM      | 710.5                   | 27285      | 15 | 75      | 0         | 20.75                 |
| 64QAM      | 725.5                   | 27435      | 15 | 1       | 0         | 21.71                 |
| 64QAM      | 725.5                   | 27435      | 15 | 1       | 37        | 20.84                 |
| 64QAM      | 725.5                   | 27435      | 15 | 1       | 74        | 20.64                 |
| 64QAM      | 725.5                   | 27435      | 15 | 36      | 0         | 21.16                 |
| 64QAM      | 725.5                   | 27435      | 15 | 36      | 29        | 20.68                 |
| 64QAM      | 725.5                   | 27435      | 15 | 36      | 30        | 20.34                 |
| 64QAM      | 725.5                   | 27435      | 15 | 75      | 0         | 20.39                 |
| 64QAM      | 740.5                   | 27585      | 15 | 1       | 0         | 21.51                 |
| 64QAM      | 740.5                   | 27585      | 15 | 1       | 37        | 21.34                 |
| 64QAM      | 740.5                   | 27585      | 15 | 1       | 74        | 21.03                 |
| 64QAM      | 740.5                   | 27585      | 15 | 36      | 0         | 20.02                 |
| 64QAM      | 740.5                   | 27585      | 15 | 36      | 29        | 20.11                 |
| 64QAM      | 740.5                   | 27585      | 15 | 36      | 30        | 19.91                 |
| 64QAM      | 740.5                   | 27585      | 15 | 75      | 0         | 20.22                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 713                     | 27310      | 20 | 1       | 0         | 23.52                 |
| QPSK       | 713                     | 27310      | 20 | 1       | 49        | 23.07                 |
| QPSK       | 713                     | 27310      | 20 | 1       | 99        | 23.31                 |
| QPSK       | 713                     | 27310      | 20 | 50      | 0         | 22.32                 |
| QPSK       | 713                     | 27310      | 20 | 50      | 24        | 22.49                 |
| QPSK       | 713                     | 27310      | 20 | 50      | 50        | 22.37                 |
| QPSK       | 713                     | 27310      | 20 | 100     | 0         | 22.25                 |
| QPSK       | 728                     | 27460      | 20 | 1       | 0         | 23.43                 |
| QPSK       | 728                     | 27460      | 20 | 1       | 49        | 23.48                 |
| QPSK       | 728                     | 27460      | 20 | 1       | 99        | 22.87                 |
| QPSK       | 728                     | 27460      | 20 | 50      | 0         | 22.24                 |
| QPSK       | 728                     | 27460      | 20 | 50      | 24        | 22.10                 |
| QPSK       | 728                     | 27460      | 20 | 50      | 50        | 22.10                 |
| QPSK       | 728                     | 27460      | 20 | 100     | 0         | 22.20                 |
| QPSK       | 738                     | 27560      | 20 | 1       | 0         | 23.17                 |
| QPSK       | 738                     | 27560      | 20 | 1       | 49        | 23.01                 |
| QPSK       | 738                     | 27560      | 20 | 1       | 99        | 23.13                 |
| QPSK       | 738                     | 27560      | 20 | 50      | 0         | 22.27                 |
| QPSK       | 738                     | 27560      | 20 | 50      | 24        | 21.89                 |
| QPSK       | 738                     | 27560      | 20 | 50      | 50        | 22.19                 |
| QPSK       | 738                     | 27560      | 20 | 100     | 0         | 22.26                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM      | 713                     | 27310      | 20 | 1       | 0         | 22.52                 |
| 16QAM      | 713                     | 27310      | 20 | 1       | 49        | 22.52                 |
| 16QAM      | 713                     | 27310      | 20 | 1       | 99        | 22.19                 |
| 16QAM      | 713                     | 27310      | 20 | 50      | 0         | 21.65                 |
| 16QAM      | 713                     | 27310      | 20 | 50      | 24        | 21.24                 |
| 16QAM      | 713                     | 27310      | 20 | 50      | 50        | 21.66                 |
| 16QAM      | 713                     | 27310      | 20 | 100     | 0         | 21.17                 |
| 16QAM      | 728                     | 27460      | 20 | 1       | 0         | 23.18                 |
| 16QAM      | 728                     | 27460      | 20 | 1       | 49        | 22.69                 |
| 16QAM      | 728                     | 27460      | 20 | 1       | 99        | 23.14                 |
| 16QAM      | 728                     | 27460      | 20 | 50      | 0         | 21.25                 |
| 16QAM      | 728                     | 27460      | 20 | 50      | 24        | 20.93                 |
| 16QAM      | 728                     | 27460      | 20 | 50      | 50        | 21.23                 |
| 16QAM      | 728                     | 27460      | 20 | 100     | 0         | 21.33                 |
| 16QAM      | 738                     | 27560      | 20 | 1       | 0         | 21.96                 |
| 16QAM      | 738                     | 27560      | 20 | 1       | 49        | 22.59                 |
| 16QAM      | 738                     | 27560      | 20 | 1       | 99        | 22.09                 |
| 16QAM      | 738                     | 27560      | 20 | 50      | 0         | 21.04                 |
| 16QAM      | 738                     | 27560      | 20 | 50      | 24        | 21.09                 |
| 16QAM      | 738                     | 27560      | 20 | 50      | 50        | 21.01                 |
| 16QAM      | 738                     | 27560      | 20 | 100     | 0         | 21.10                 |
| 64QAM      | 713                     | 27310      | 20 | 1       | 0         | 22.66                 |
| 64QAM      | 713                     | 27310      | 20 | 1       | 49        | 21.51                 |
| 64QAM      | 713                     | 27310      | 20 | 1       | 99        | 21.58                 |
| 64QAM      | 713                     | 27310      | 20 | 50      | 0         | 20.90                 |
| 64QAM      | 713                     | 27310      | 20 | 50      | 24        | 20.32                 |
| 64QAM      | 713                     | 27310      | 20 | 50      | 50        | 20.72                 |
| 64QAM      | 713                     | 27310      | 20 | 100     | 0         | 20.49                 |
| 64QAM      | 728                     | 27460      | 20 | 1       | 0         | 21.77                 |
| 64QAM      | 728                     | 27460      | 20 | 1       | 49        | 21.46                 |
| 64QAM      | 728                     | 27460      | 20 | 1       | 99        | 20.98                 |
| 64QAM      | 728                     | 27460      | 20 | 50      | 0         | 20.39                 |
| 64QAM      | 728                     | 27460      | 20 | 50      | 24        | 20.29                 |
| 64QAM      | 728                     | 27460      | 20 | 50      | 50        | 20.93                 |
| 64QAM      | 728                     | 27460      | 20 | 100     | 0         | 20.13                 |
| 64QAM      | 738                     | 27560      | 20 | 1       | 0         | 21.63                 |
| 64QAM      | 738                     | 27560      | 20 | 1       | 49        | 21.53                 |
| 64QAM      | 738                     | 27560      | 20 | 1       | 99        | 21.54                 |
| 64QAM      | 738                     | 27560      | 20 | 50      | 0         | 20.82                 |
| 64QAM      | 738                     | 27560      | 20 | 50      | 24        | 20.29                 |
| 64QAM      | 738                     | 27560      | 20 | 50      | 50        | 20.30                 |
| 64QAM      | 738                     | 27560      | 20 | 100     | 0         | 20.29                 |

## 2 Occupied Bandwidth

| Band | Mode | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of 99% Power (MHz) |        |
|------|------|-------------------------|---------|----------|---------|-----------|------------------------------|--------|
| 28   | QPSK | 704.5                   | 27225   | 3        | 15      | 0         | 2.680                        | Fig.1  |
| 28   | QPSK | 719.5                   | 27375   | 3        | 15      | 0         | 2.670                        | Fig.2  |
| 28   | QPSK | 746.5                   | 27645   | 3        | 15      | 0         | 2.680                        | Fig.3  |
| 28   | QPSK | 705.5                   | 27235   | 5        | 25      | 0         | 4.450                        | Fig.4  |
| 28   | QPSK | 720.5                   | 27385   | 5        | 25      | 0         | 4.460                        | Fig.5  |
| 28   | QPSK | 745.5                   | 27635   | 5        | 25      | 0         | 4.460                        | Fig.6  |
| 28   | QPSK | 708                     | 27260   | 10       | 50      | 0         | 8.930                        | Fig.7  |
| 28   | QPSK | 723                     | 27410   | 10       | 50      | 0         | 8.940                        | Fig.8  |
| 28   | QPSK | 743                     | 27610   | 10       | 50      | 0         | 8.920                        | Fig.9  |
| 28   | QPSK | 710.5                   | 27285   | 15       | 75      | 0         | 13.360                       | Fig.10 |
| 28   | QPSK | 725.5                   | 27435   | 15       | 75      | 0         | 13.380                       | Fig.11 |
| 28   | QPSK | 740.5                   | 27585   | 15       | 75      | 0         | 13.350                       | Fig.12 |
| 28   | QPSK | 713                     | 27310   | 20       | 100     | 0         | 17.830                       | Fig.13 |
| 28   | QPSK | 728                     | 27460   | 20       | 100     | 0         | 17.860                       | Fig.14 |
| 28   | QPSK | 738                     | 27560   | 20       | 100     | 0         | 17.850                       | Fig.15 |

| Band | Mode  | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of 99% Power (MHz) |        |
|------|-------|-------------------------|---------|----------|---------|-----------|------------------------------|--------|
| 28   | 16QAM | 704.5                   | 27225   | 3        | 15      | 0         | 2.680                        | Fig.16 |
| 28   | 16QAM | 719.5                   | 27375   | 3        | 15      | 0         | 2.670                        | Fig.17 |
| 28   | 16QAM | 746.5                   | 27645   | 3        | 15      | 0         | 2.680                        | Fig.18 |
| 28   | 16QAM | 705.5                   | 27235   | 5        | 25      | 0         | 4.460                        | Fig.19 |
| 28   | 16QAM | 720.5                   | 27385   | 5        | 25      | 0         | 4.460                        | Fig.20 |
| 28   | 16QAM | 745.5                   | 27635   | 5        | 25      | 0         | 4.460                        | Fig.21 |
| 28   | 16QAM | 708                     | 27260   | 10       | 50      | 0         | 8.920                        | Fig.22 |
| 28   | 16QAM | 723                     | 27410   | 10       | 50      | 0         | 8.910                        | Fig.23 |
| 28   | 16QAM | 743                     | 27610   | 10       | 50      | 0         | 8.920                        | Fig.24 |
| 28   | 16QAM | 710.5                   | 27285   | 15       | 75      | 0         | 13.370                       | Fig.25 |
| 28   | 16QAM | 725.5                   | 27435   | 15       | 75      | 0         | 13.380                       | Fig.26 |
| 28   | 16QAM | 740.5                   | 27585   | 15       | 75      | 0         | 13.360                       | Fig.27 |
| 28   | 16QAM | 713                     | 27310   | 20       | 100     | 0         | 17.830                       | Fig.28 |
| 28   | 16QAM | 728                     | 27460   | 20       | 100     | 0         | 17.890                       | Fig.29 |
| 28   | 16QAM | 738                     | 27560   | 20       | 100     | 0         | 17.860                       | Fig.30 |

| Band | Mode  | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of 99% Power (MHz) |        |
|------|-------|-------------------------|---------|----------|---------|-----------|------------------------------|--------|
| 28   | 64QAM | 704.5                   | 27225   | 3        | 15      | 0         | 2.680                        | Fig.31 |
| 28   | 64QAM | 719.5                   | 27375   | 3        | 15      | 0         | 2.680                        | Fig.32 |
| 28   | 64QAM | 746.5                   | 27645   | 3        | 15      | 0         | 2.680                        | Fig.33 |
| 28   | 64QAM | 705.5                   | 27235   | 5        | 25      | 0         | 4.450                        | Fig.34 |
| 28   | 64QAM | 720.5                   | 27385   | 5        | 25      | 0         | 4.440                        | Fig.35 |
| 28   | 64QAM | 745.5                   | 27635   | 5        | 25      | 0         | 4.470                        | Fig.36 |
| 28   | 64QAM | 708                     | 27260   | 10       | 50      | 0         | 8.910                        | Fig.37 |
| 28   | 64QAM | 723                     | 27410   | 10       | 50      | 0         | 8.930                        | Fig.38 |
| 28   | 64QAM | 743                     | 27610   | 10       | 50      | 0         | 8.920                        | Fig.39 |
| 28   | 64QAM | 710.5                   | 27285   | 15       | 75      | 0         | 13.350                       | Fig.40 |
| 28   | 64QAM | 725.5                   | 27435   | 15       | 75      | 0         | 13.370                       | Fig.41 |
| 28   | 64QAM | 740.5                   | 27585   | 15       | 75      | 0         | 13.360                       | Fig.42 |
| 28   | 64QAM | 713                     | 27310   | 20       | 100     | 0         | 17.830                       | Fig.43 |
| 28   | 64QAM | 728                     | 27460   | 20       | 100     | 0         | 17.870                       | Fig.44 |
| 28   | 64QAM | 738                     | 27560   | 20       | 100     | 0         | 17.880                       | Fig.45 |

Test Mode: QPSK

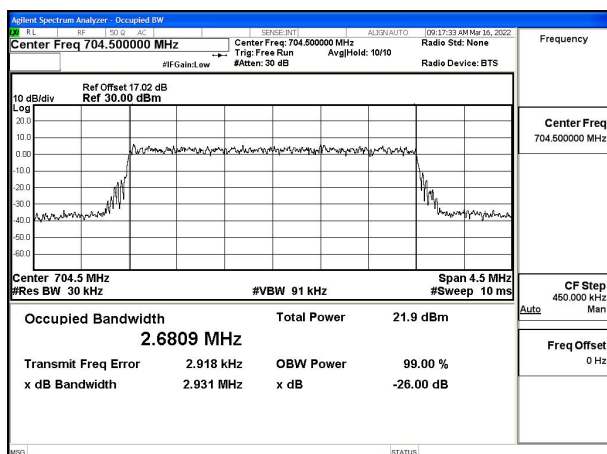


Fig.1

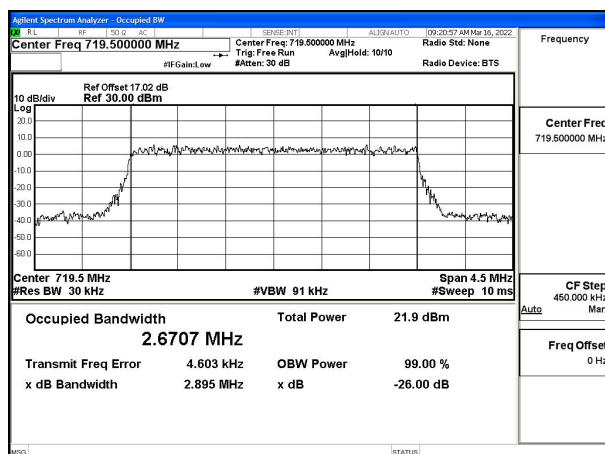


Fig.2

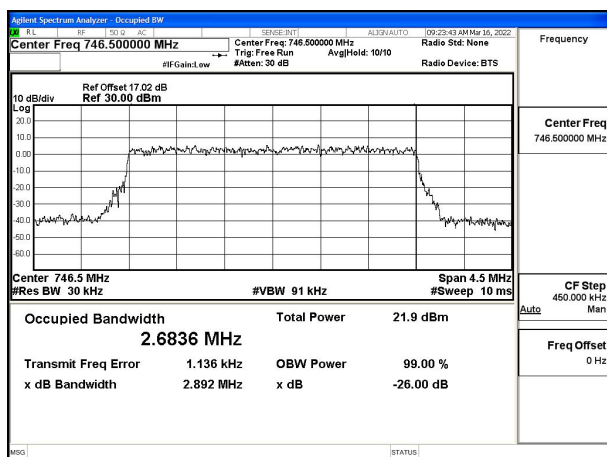


Fig.3

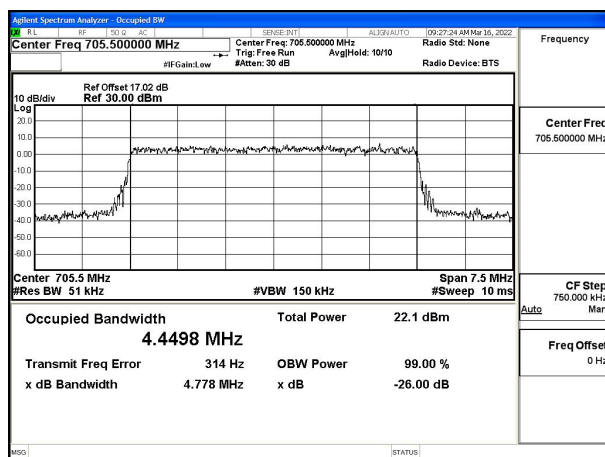


Fig.4

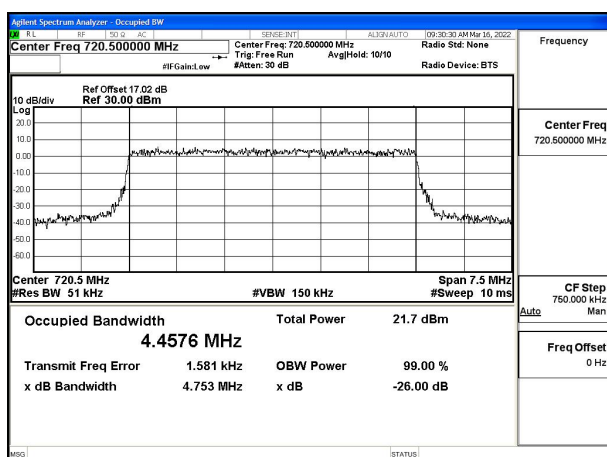


Fig.5

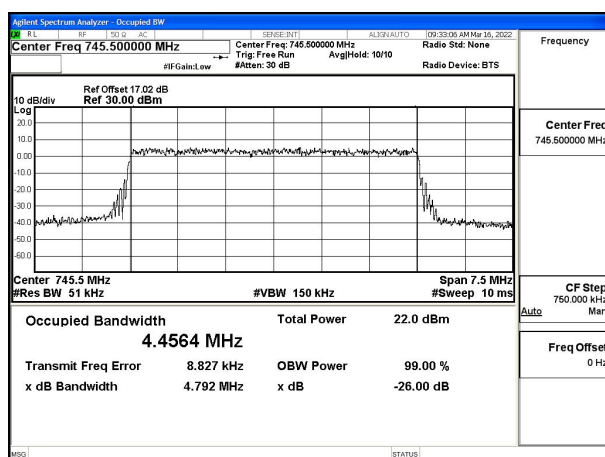


Fig.6

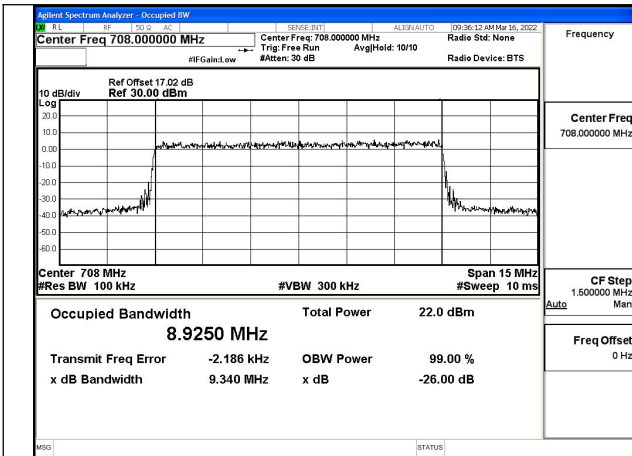


Fig.9

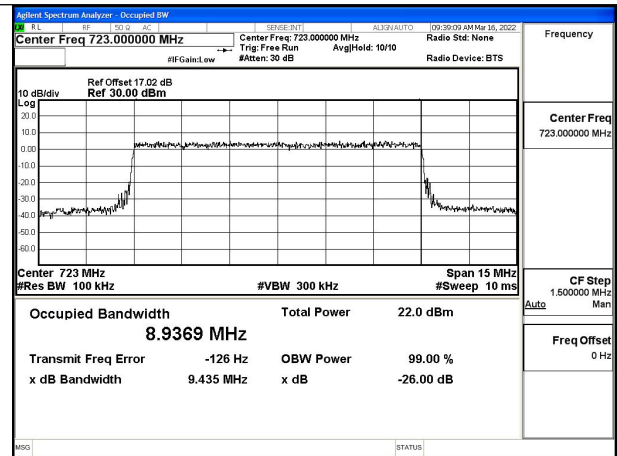


Fig.10

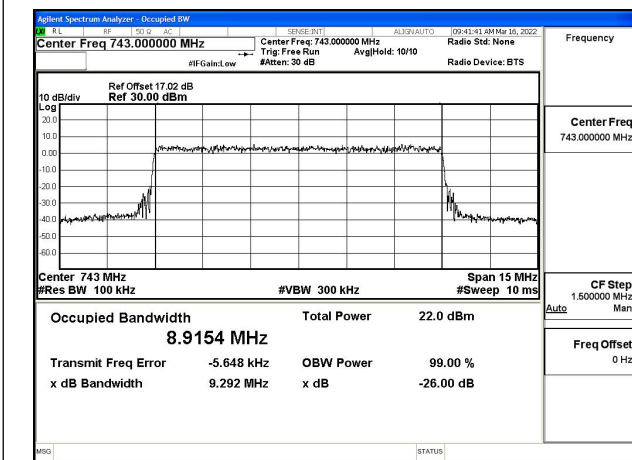


Fig.11

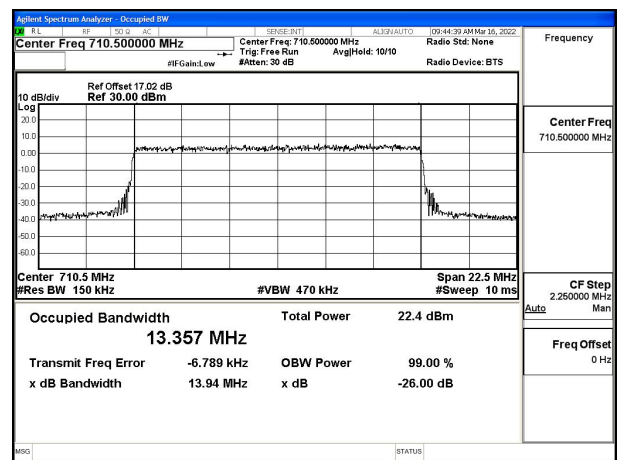


Fig.12

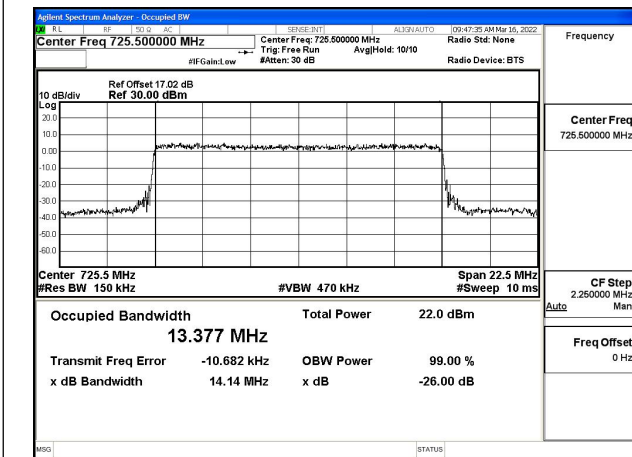


Fig.13

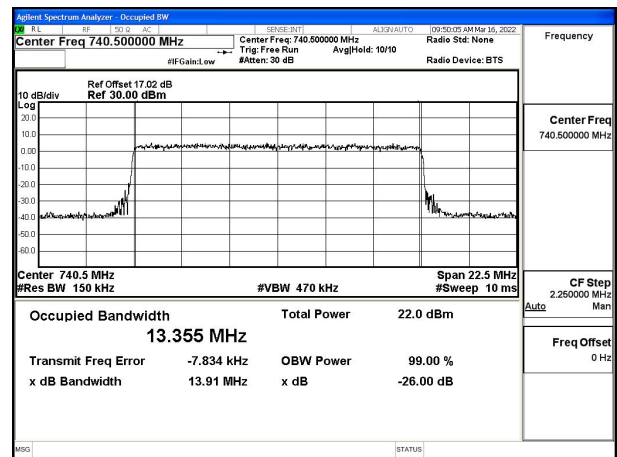


Fig.14

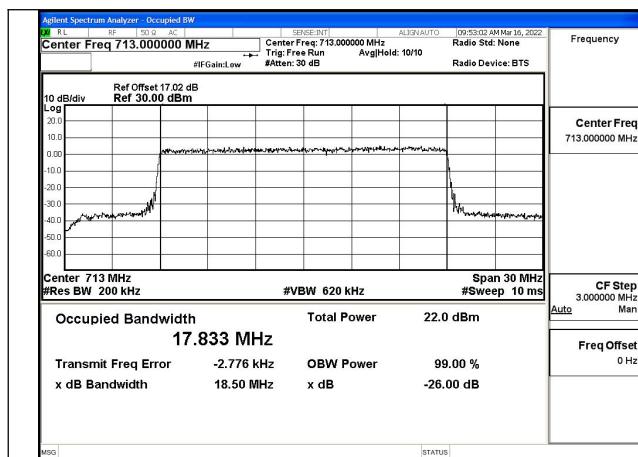


Fig.13

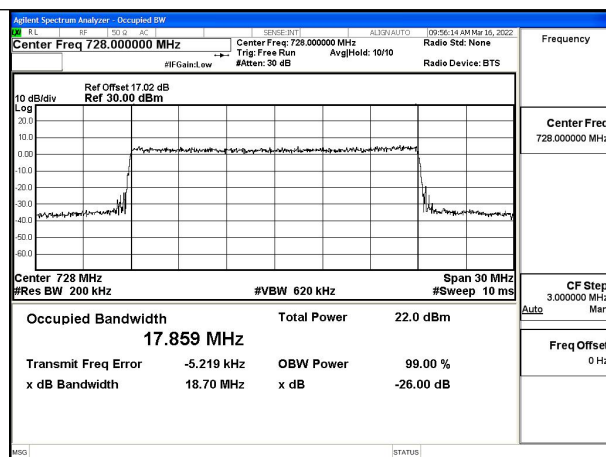


Fig.14

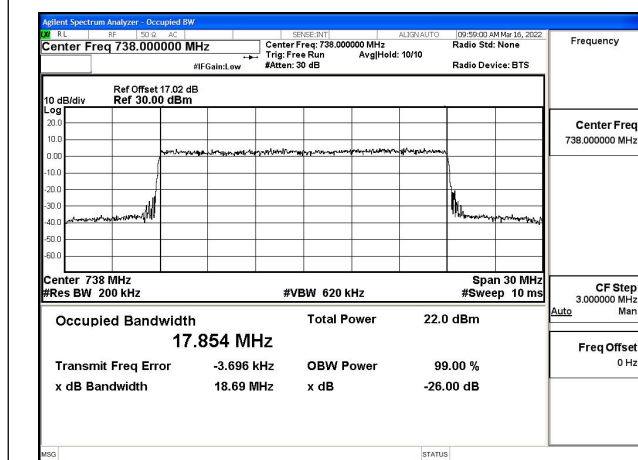


Fig.15

Test Mode: 16QAM

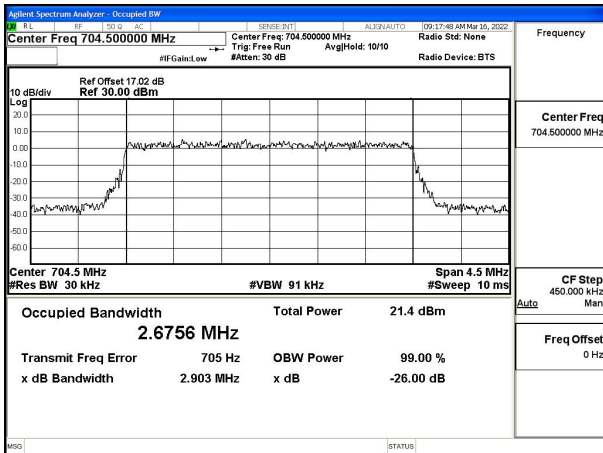


Fig.16

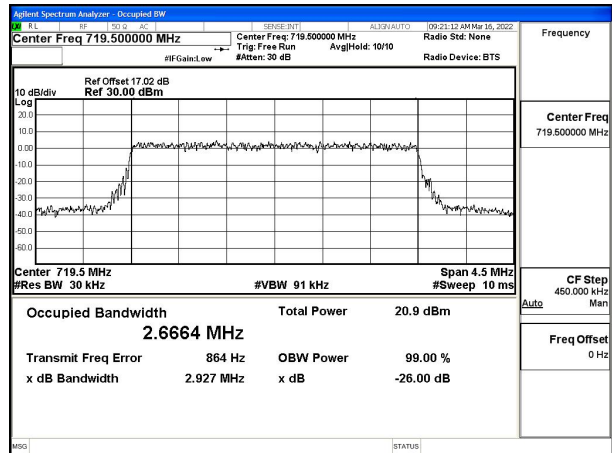


Fig.17

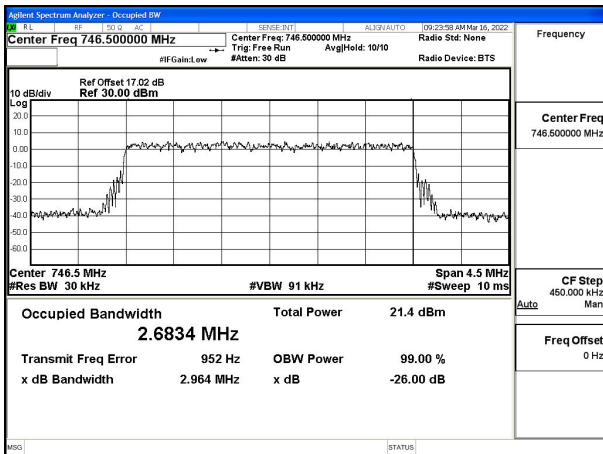


Fig.18

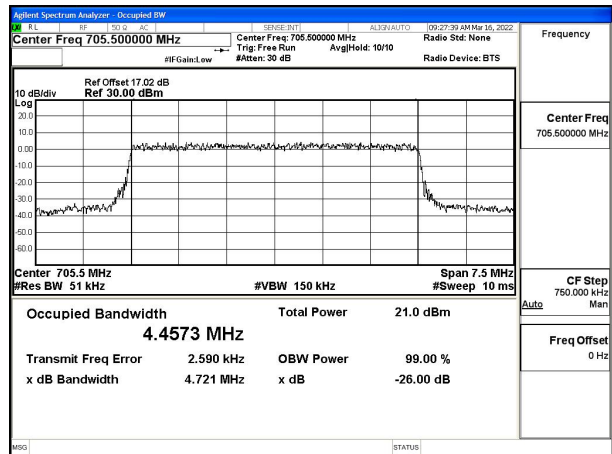


Fig.19

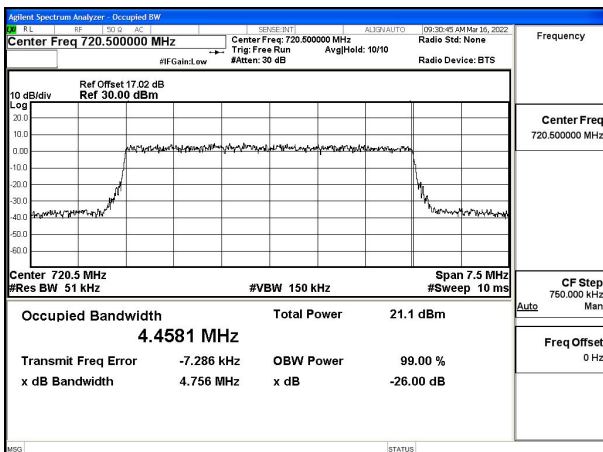


Fig.20

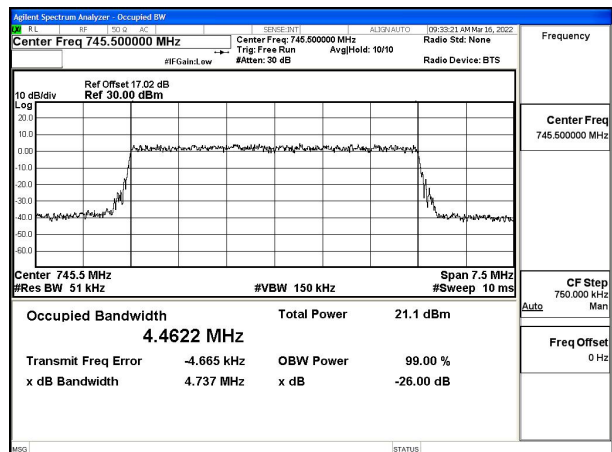


Fig.21

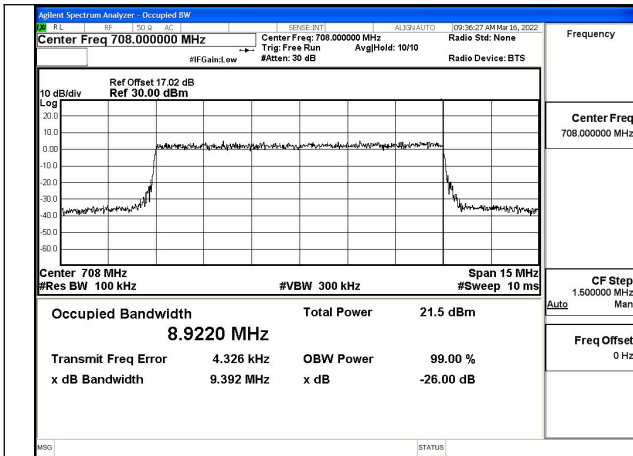


Fig.22

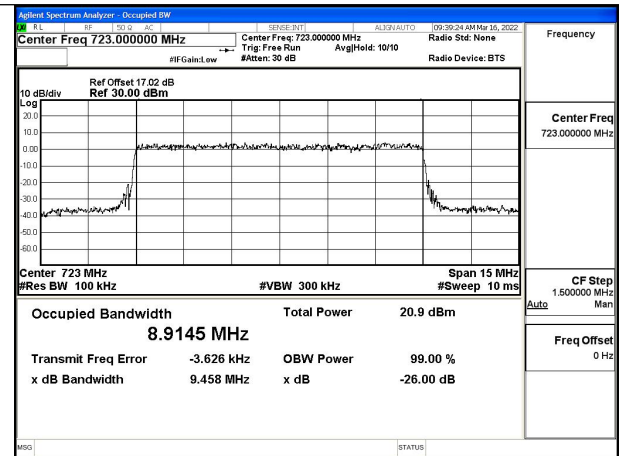


Fig.23

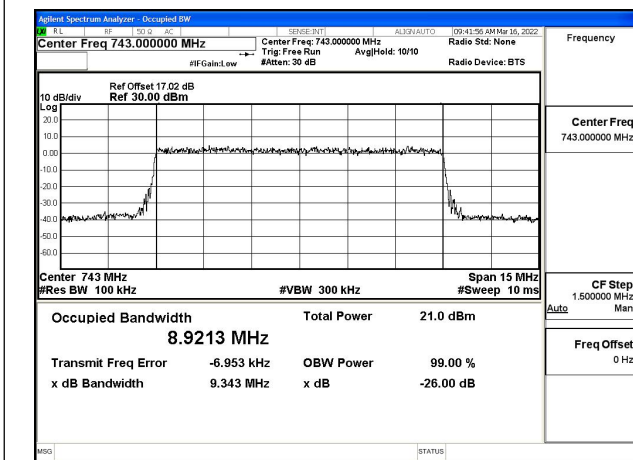


Fig.24

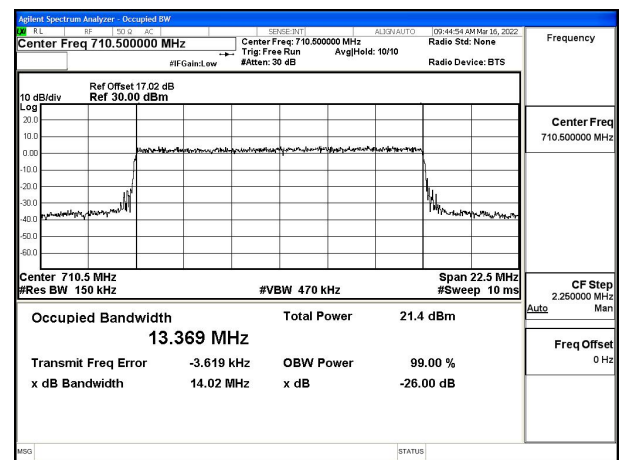


Fig.25

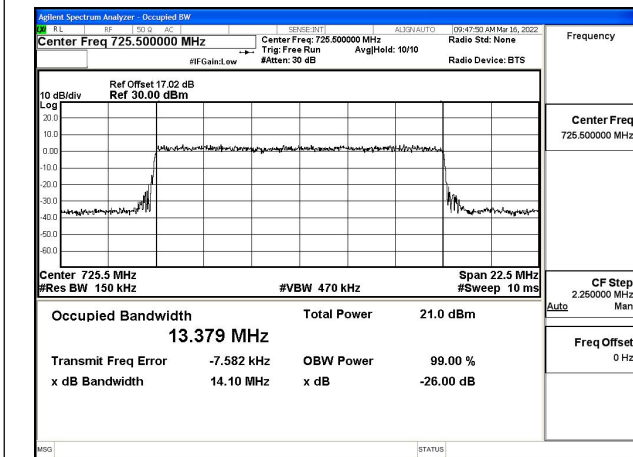


Fig.26

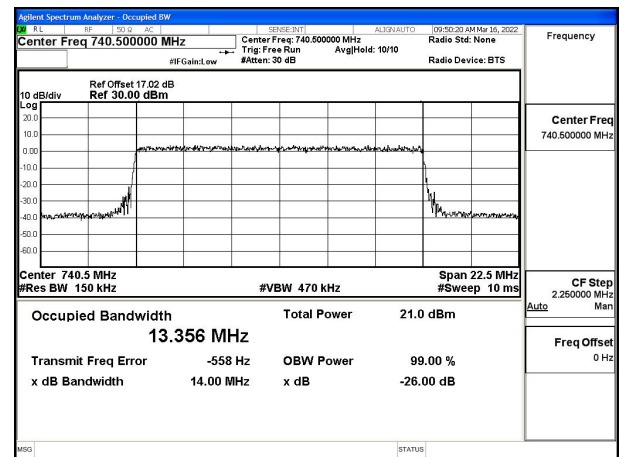


Fig.27

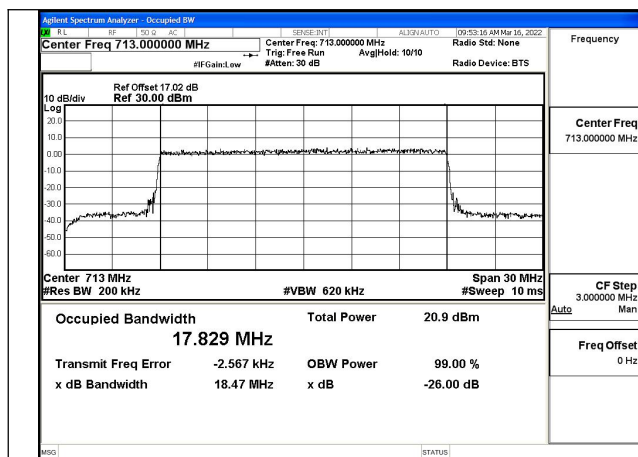


Fig.28

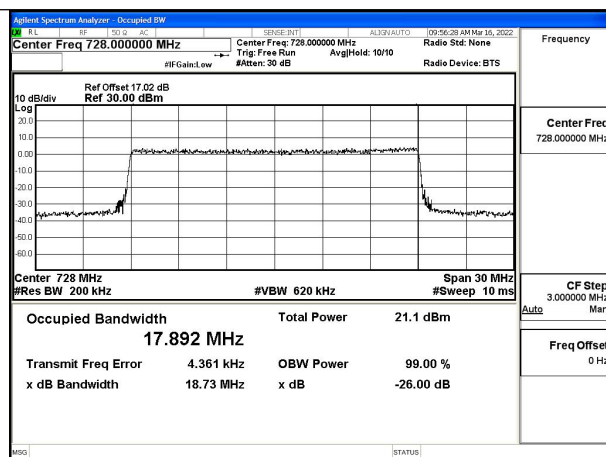


Fig.29

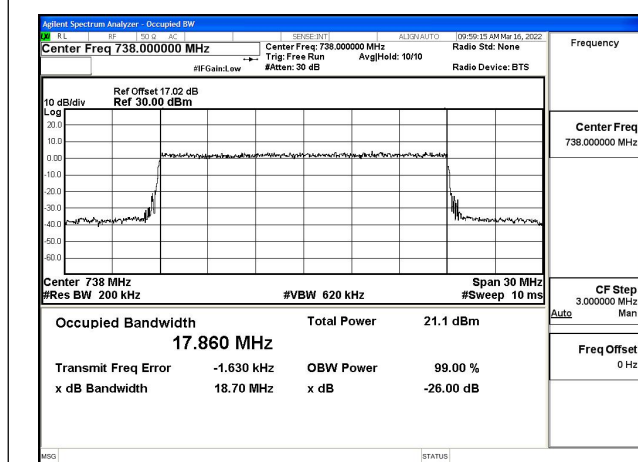


Fig.30

Test Mode: 64QAM

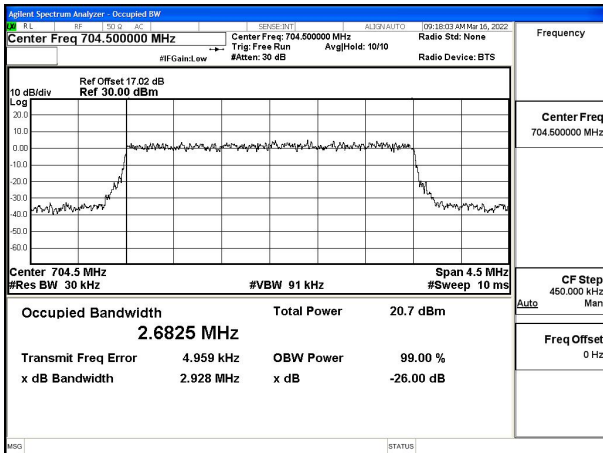


Fig.31

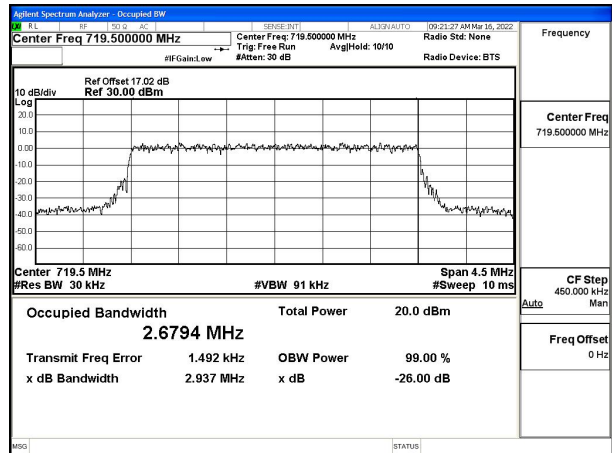


Fig.32

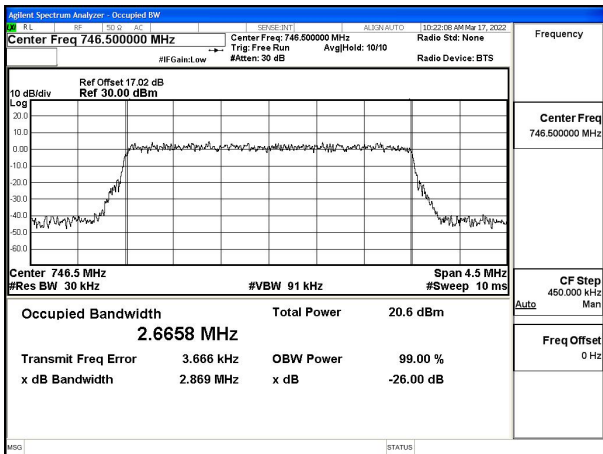


Fig.33

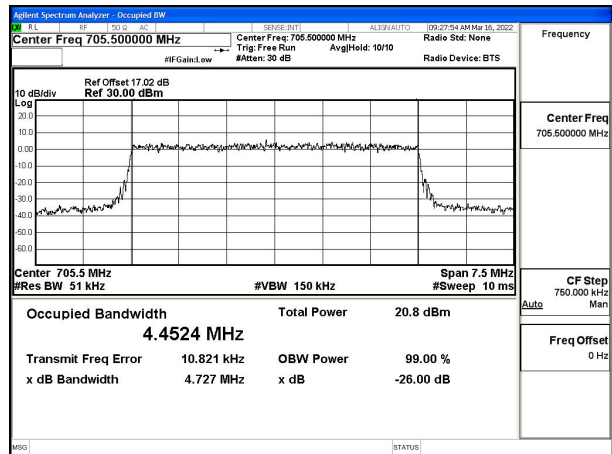


Fig.34

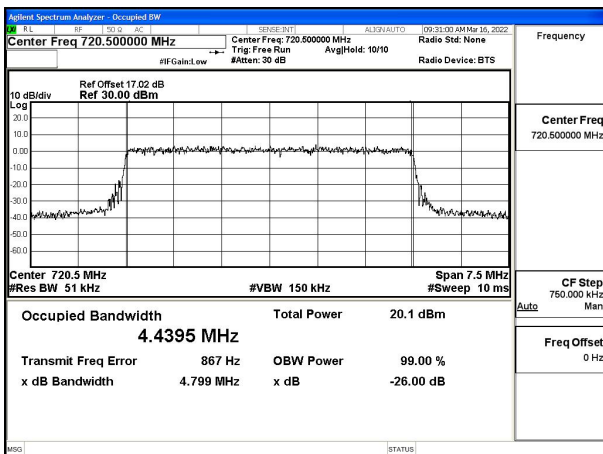


Fig.35

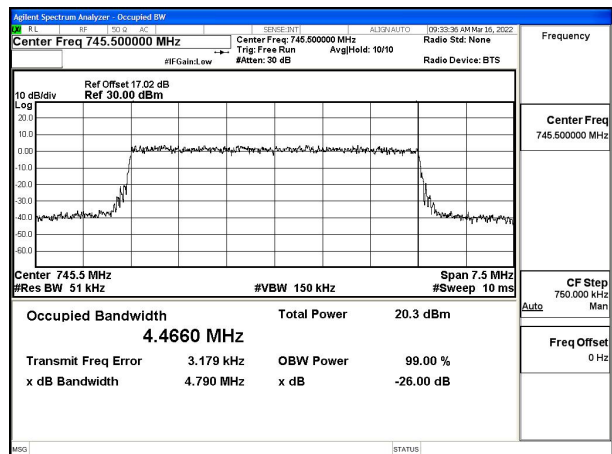


Fig.36

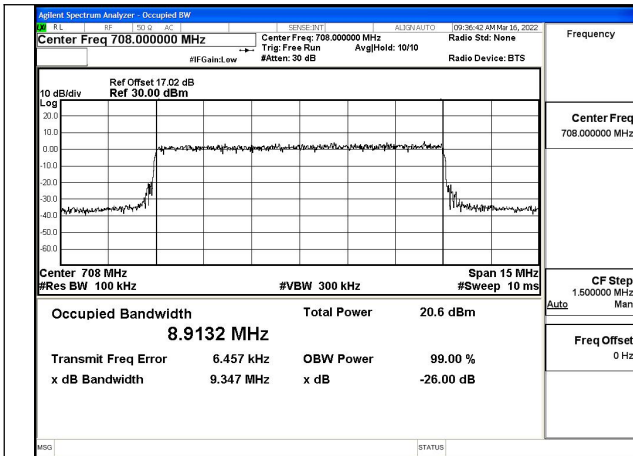


Fig.37

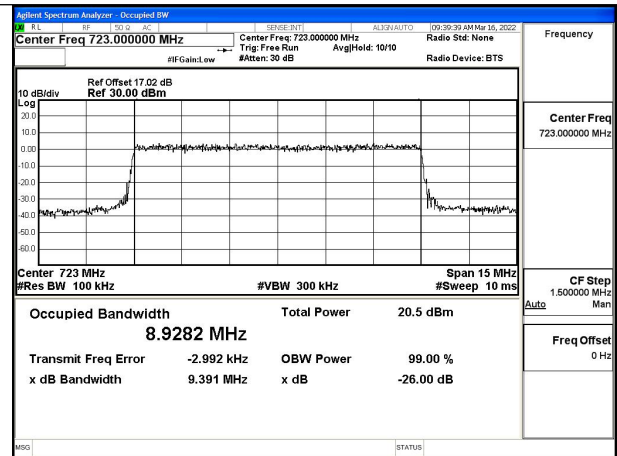


Fig.38

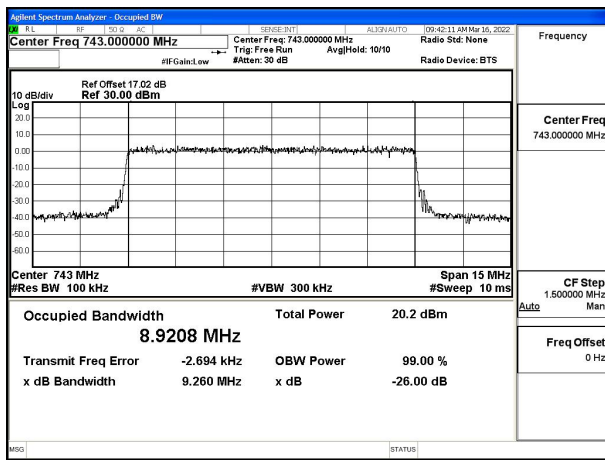


Fig.39

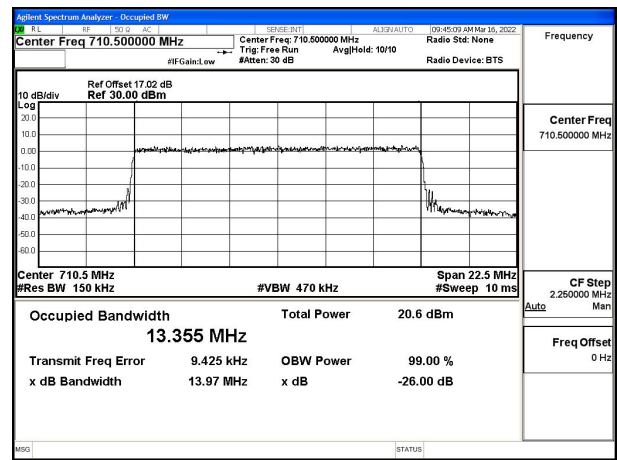


Fig.40

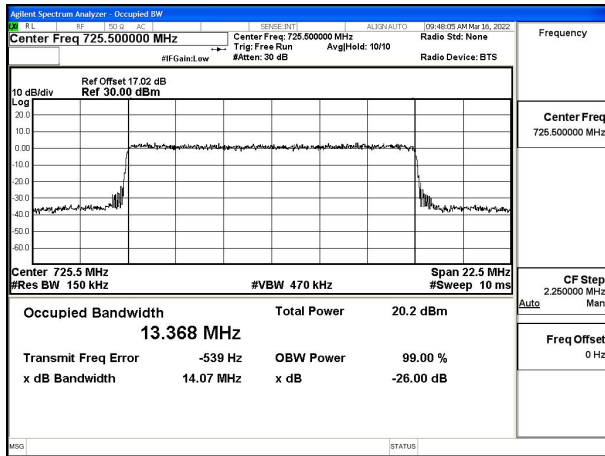


Fig.41

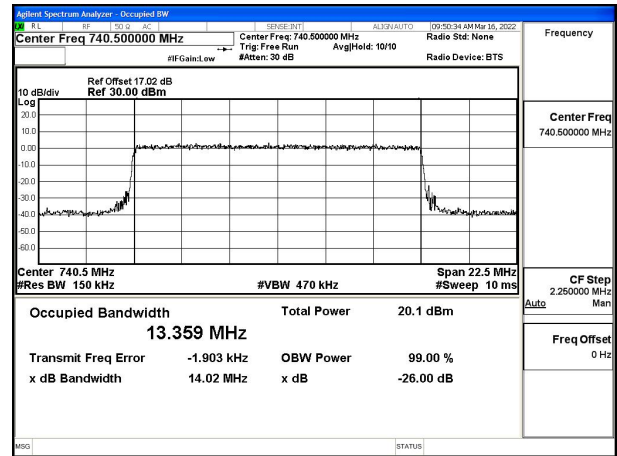


Fig.42