

## APPENDIX A – TEST DATA OF CONDUCTED EMISSION

### LTE Band 5

#### 1 RF Power Output

| Modulation | Carrier frequency (MHz) | UL Channel | BW  | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|-----|---------|-----------|-----------------------|
| 16QAM      | 824.7                   | 20407      | 1.4 | 1       | 0         | 22.08                 |
| 16QAM      | 824.7                   | 20407      | 1.4 | 1       | 3         | 22.31                 |
| 16QAM      | 824.7                   | 20407      | 1.4 | 1       | 5         | 22.00                 |
| 16QAM      | 824.7                   | 20407      | 1.4 | 3       | 0         | 22.56                 |
| 16QAM      | 824.7                   | 20407      | 1.4 | 3       | 1         | 22.49                 |
| 16QAM      | 824.7                   | 20407      | 1.4 | 3       | 3         | 22.49                 |
| 16QAM      | 824.7                   | 20407      | 1.4 | 6       | 0         | 21.34                 |
| 16QAM      | 836.5                   | 20525      | 1.4 | 1       | 0         | 23.43                 |
| 16QAM      | 836.5                   | 20525      | 1.4 | 1       | 3         | 23.07                 |
| 16QAM      | 836.5                   | 20525      | 1.4 | 1       | 5         | 22.90                 |
| 16QAM      | 836.5                   | 20525      | 1.4 | 3       | 0         | 22.90                 |
| 16QAM      | 836.5                   | 20525      | 1.4 | 3       | 1         | 23.00                 |
| 16QAM      | 836.5                   | 20525      | 1.4 | 3       | 3         | 22.87                 |
| 16QAM      | 836.5                   | 20525      | 1.4 | 6       | 0         | 21.57                 |
| 16QAM      | 848.3                   | 20643      | 1.4 | 1       | 0         | 22.35                 |
| 16QAM      | 848.3                   | 20643      | 1.4 | 1       | 3         | 22.85                 |
| 16QAM      | 848.3                   | 20643      | 1.4 | 1       | 5         | 22.26                 |
| 16QAM      | 848.3                   | 20643      | 1.4 | 3       | 0         | 22.83                 |
| 16QAM      | 848.3                   | 20643      | 1.4 | 3       | 1         | 22.78                 |
| 16QAM      | 848.3                   | 20643      | 1.4 | 3       | 3         | 22.81                 |
| 16QAM      | 848.3                   | 20643      | 1.4 | 6       | 0         | 21.47                 |
| 64QAM      | 824.7                   | 20407      | 1.4 | 1       | 0         | 21.70                 |
| 64QAM      | 824.7                   | 20407      | 1.4 | 1       | 3         | 21.68                 |
| 64QAM      | 824.7                   | 20407      | 1.4 | 1       | 5         | 21.54                 |
| 64QAM      | 824.7                   | 20407      | 1.4 | 3       | 0         | 21.52                 |
| 64QAM      | 824.7                   | 20407      | 1.4 | 3       | 1         | 21.72                 |
| 64QAM      | 824.7                   | 20407      | 1.4 | 3       | 3         | 21.30                 |
| 64QAM      | 824.7                   | 20407      | 1.4 | 6       | 0         | 20.70                 |
| 64QAM      | 836.5                   | 20525      | 1.4 | 1       | 0         | 21.78                 |
| 64QAM      | 836.5                   | 20525      | 1.4 | 1       | 3         | 21.73                 |
| 64QAM      | 836.5                   | 20525      | 1.4 | 1       | 5         | 21.85                 |
| 64QAM      | 836.5                   | 20525      | 1.4 | 3       | 0         | 21.60                 |
| 64QAM      | 836.5                   | 20525      | 1.4 | 3       | 1         | 21.60                 |
| 64QAM      | 836.5                   | 20525      | 1.4 | 3       | 3         | 21.56                 |
| 64QAM      | 836.5                   | 20525      | 1.4 | 6       | 0         | 21.16                 |
| 64QAM      | 848.3                   | 20643      | 1.4 | 1       | 0         | 22.58                 |
| 64QAM      | 848.3                   | 20643      | 1.4 | 1       | 3         | 21.87                 |
| 64QAM      | 848.3                   | 20643      | 1.4 | 1       | 5         | 22.21                 |
| 64QAM      | 848.3                   | 20643      | 1.4 | 3       | 0         | 22.09                 |
| 64QAM      | 848.3                   | 20643      | 1.4 | 3       | 1         | 21.47                 |
| 64QAM      | 848.3                   | 20643      | 1.4 | 3       | 3         | 21.18                 |
| 64QAM      | 848.3                   | 20643      | 1.4 | 6       | 0         | 20.43                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW  | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|-----|---------|-----------|-----------------------|
| QPSK       | 824.7                   | 20407      | 1.4 | 1       | 0         | 23.44                 |
| QPSK       | 824.7                   | 20407      | 1.4 | 1       | 3         | 23.32                 |
| QPSK       | 824.7                   | 20407      | 1.4 | 1       | 5         | 23.32                 |
| QPSK       | 824.7                   | 20407      | 1.4 | 3       | 0         | 23.50                 |
| QPSK       | 824.7                   | 20407      | 1.4 | 3       | 1         | 23.51                 |
| QPSK       | 824.7                   | 20407      | 1.4 | 3       | 3         | 23.61                 |
| QPSK       | 824.7                   | 20407      | 1.4 | 6       | 0         | 22.74                 |
| QPSK       | 836.5                   | 20525      | 1.4 | 1       | 0         | 23.74                 |
| QPSK       | 836.5                   | 20525      | 1.4 | 1       | 3         | 23.59                 |
| QPSK       | 836.5                   | 20525      | 1.4 | 1       | 5         | 23.65                 |
| QPSK       | 836.5                   | 20525      | 1.4 | 3       | 0         | 23.57                 |
| QPSK       | 836.5                   | 20525      | 1.4 | 3       | 1         | 23.62                 |
| QPSK       | 836.5                   | 20525      | 1.4 | 3       | 3         | 23.59                 |
| QPSK       | 836.5                   | 20525      | 1.4 | 6       | 0         | 22.80                 |
| QPSK       | 848.3                   | 20643      | 1.4 | 1       | 0         | 23.79                 |
| QPSK       | 848.3                   | 20643      | 1.4 | 1       | 3         | 23.91                 |
| QPSK       | 848.3                   | 20643      | 1.4 | 1       | 5         | 23.92                 |
| QPSK       | 848.3                   | 20643      | 1.4 | 3       | 0         | 23.58                 |
| QPSK       | 848.3                   | 20643      | 1.4 | 3       | 1         | 23.79                 |
| QPSK       | 848.3                   | 20643      | 1.4 | 3       | 3         | 23.65                 |
| QPSK       | 848.3                   | 20643      | 1.4 | 6       | 0         | 22.55                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM      | 825.5                   | 20415      | 3  | 1       | 0         | 22.47                 |
| 16QAM      | 825.5                   | 20415      | 3  | 1       | 8         | 22.22                 |
| 16QAM      | 825.5                   | 20415      | 3  | 1       | 14        | 22.38                 |
| 16QAM      | 825.5                   | 20415      | 3  | 8       | 0         | 21.63                 |
| 16QAM      | 825.5                   | 20415      | 3  | 8       | 4         | 21.60                 |
| 16QAM      | 825.5                   | 20415      | 3  | 8       | 7         | 21.70                 |
| 16QAM      | 825.5                   | 20415      | 3  | 15      | 0         | 21.79                 |
| 16QAM      | 836.5                   | 20525      | 3  | 1       | 0         | 22.81                 |
| 16QAM      | 836.5                   | 20525      | 3  | 1       | 8         | 22.34                 |
| 16QAM      | 836.5                   | 20525      | 3  | 1       | 14        | 22.45                 |
| 16QAM      | 836.5                   | 20525      | 3  | 8       | 0         | 21.85                 |
| 16QAM      | 836.5                   | 20525      | 3  | 8       | 4         | 21.81                 |
| 16QAM      | 836.5                   | 20525      | 3  | 8       | 7         | 21.83                 |
| 16QAM      | 836.5                   | 20525      | 3  | 15      | 0         | 21.84                 |
| 16QAM      | 847.5                   | 20635      | 3  | 1       | 0         | 22.80                 |
| 16QAM      | 847.5                   | 20635      | 3  | 1       | 8         | 23.18                 |
| 16QAM      | 847.5                   | 20635      | 3  | 1       | 14        | 23.37                 |
| 16QAM      | 847.5                   | 20635      | 3  | 8       | 0         | 22.30                 |
| 16QAM      | 847.5                   | 20635      | 3  | 8       | 4         | 22.22                 |
| 16QAM      | 847.5                   | 20635      | 3  | 8       | 7         | 21.56                 |
| 16QAM      | 847.5                   | 20635      | 3  | 15      | 0         | 22.16                 |
| 64QAM      | 825.5                   | 20415      | 3  | 1       | 0         | 21.77                 |
| 64QAM      | 825.5                   | 20415      | 3  | 1       | 8         | 21.93                 |
| 64QAM      | 825.5                   | 20415      | 3  | 1       | 14        | 21.78                 |
| 64QAM      | 825.5                   | 20415      | 3  | 8       | 0         | 20.59                 |
| 64QAM      | 825.5                   | 20415      | 3  | 8       | 4         | 20.48                 |
| 64QAM      | 825.5                   | 20415      | 3  | 8       | 7         | 20.53                 |
| 64QAM      | 825.5                   | 20415      | 3  | 15      | 0         | 20.73                 |
| 64QAM      | 836.5                   | 20525      | 3  | 1       | 0         | 21.74                 |
| 64QAM      | 836.5                   | 20525      | 3  | 1       | 8         | 21.85                 |
| 64QAM      | 836.5                   | 20525      | 3  | 1       | 14        | 22.01                 |
| 64QAM      | 836.5                   | 20525      | 3  | 8       | 0         | 20.61                 |
| 64QAM      | 836.5                   | 20525      | 3  | 8       | 4         | 20.75                 |
| 64QAM      | 836.5                   | 20525      | 3  | 8       | 7         | 21.17                 |
| 64QAM      | 836.5                   | 20525      | 3  | 15      | 0         | 21.17                 |
| 64QAM      | 847.5                   | 20635      | 3  | 1       | 0         | 22.49                 |
| 64QAM      | 847.5                   | 20635      | 3  | 1       | 8         | 22.19                 |
| 64QAM      | 847.5                   | 20635      | 3  | 1       | 14        | 20.28                 |
| 64QAM      | 847.5                   | 20635      | 3  | 8       | 0         | 21.02                 |
| 64QAM      | 847.5                   | 20635      | 3  | 8       | 4         | 21.21                 |
| 64QAM      | 847.5                   | 20635      | 3  | 8       | 7         | 20.64                 |
| 64QAM      | 847.5                   | 20635      | 3  | 15      | 0         | 21.24                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 825.5                   | 20415      | 3  | 1       | 0         | 23.72                 |
| QPSK       | 825.5                   | 20415      | 3  | 1       | 8         | 23.72                 |
| QPSK       | 825.5                   | 20415      | 3  | 1       | 14        | 23.62                 |
| QPSK       | 825.5                   | 20415      | 3  | 8       | 0         | 22.38                 |
| QPSK       | 825.5                   | 20415      | 3  | 8       | 4         | 22.50                 |
| QPSK       | 825.5                   | 20415      | 3  | 8       | 7         | 22.43                 |
| QPSK       | 825.5                   | 20415      | 3  | 15      | 0         | 22.49                 |
| QPSK       | 836.5                   | 20525      | 3  | 1       | 0         | 23.75                 |
| QPSK       | 836.5                   | 20525      | 3  | 1       | 8         | 23.76                 |
| QPSK       | 836.5                   | 20525      | 3  | 1       | 14        | 23.76                 |
| QPSK       | 836.5                   | 20525      | 3  | 8       | 0         | 22.79                 |
| QPSK       | 836.5                   | 20525      | 3  | 8       | 4         | 22.74                 |
| QPSK       | 836.5                   | 20525      | 3  | 8       | 7         | 22.70                 |
| QPSK       | 836.5                   | 20525      | 3  | 15      | 0         | 22.71                 |
| QPSK       | 847.5                   | 20635      | 3  | 1       | 0         | 23.61                 |
| QPSK       | 847.5                   | 20635      | 3  | 1       | 8         | 23.52                 |
| QPSK       | 847.5                   | 20635      | 3  | 1       | 14        | 23.60                 |
| QPSK       | 847.5                   | 20635      | 3  | 8       | 0         | 22.48                 |
| QPSK       | 847.5                   | 20635      | 3  | 8       | 4         | 22.50                 |
| QPSK       | 847.5                   | 20635      | 3  | 8       | 7         | 22.63                 |
| QPSK       | 847.5                   | 20635      | 3  | 15      | 0         | 22.63                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM      | 826.5                   | 20425      | 5  | 1       | 0         | 22.20                 |
| 16QAM      | 826.5                   | 20425      | 5  | 1       | 12        | 22.43                 |
| 16QAM      | 826.5                   | 20425      | 5  | 1       | 24        | 22.56                 |
| 16QAM      | 826.5                   | 20425      | 5  | 12      | 0         | 21.59                 |
| 16QAM      | 826.5                   | 20425      | 5  | 12      | 7         | 21.68                 |
| 16QAM      | 826.5                   | 20425      | 5  | 12      | 13        | 21.73                 |
| 16QAM      | 826.5                   | 20425      | 5  | 25      | 0         | 21.87                 |
| 16QAM      | 836.5                   | 20525      | 5  | 1       | 0         | 23.18                 |
| 16QAM      | 836.5                   | 20525      | 5  | 1       | 12        | 23.01                 |
| 16QAM      | 836.5                   | 20525      | 5  | 1       | 24        | 23.74                 |
| 16QAM      | 836.5                   | 20525      | 5  | 12      | 0         | 21.76                 |
| 16QAM      | 836.5                   | 20525      | 5  | 12      | 7         | 22.01                 |
| 16QAM      | 836.5                   | 20525      | 5  | 12      | 13        | 21.71                 |
| 16QAM      | 836.5                   | 20525      | 5  | 25      | 0         | 21.59                 |
| 16QAM      | 846.5                   | 20625      | 5  | 1       | 0         | 23.33                 |
| 16QAM      | 846.5                   | 20625      | 5  | 1       | 12        | 22.21                 |
| 16QAM      | 846.5                   | 20625      | 5  | 1       | 24        | 22.99                 |
| 16QAM      | 846.5                   | 20625      | 5  | 12      | 0         | 21.65                 |
| 16QAM      | 846.5                   | 20625      | 5  | 12      | 7         | 22.13                 |
| 16QAM      | 846.5                   | 20625      | 5  | 12      | 13        | 22.20                 |
| 16QAM      | 846.5                   | 20625      | 5  | 25      | 0         | 22.21                 |
| 64QAM      | 826.5                   | 20425      | 5  | 1       | 0         | 21.96                 |
| 64QAM      | 826.5                   | 20425      | 5  | 1       | 12        | 21.59                 |
| 64QAM      | 826.5                   | 20425      | 5  | 1       | 24        | 21.58                 |
| 64QAM      | 826.5                   | 20425      | 5  | 12      | 0         | 20.77                 |
| 64QAM      | 826.5                   | 20425      | 5  | 12      | 7         | 20.69                 |
| 64QAM      | 826.5                   | 20425      | 5  | 12      | 13        | 20.81                 |
| 64QAM      | 826.5                   | 20425      | 5  | 25      | 0         | 20.67                 |
| 64QAM      | 836.5                   | 20525      | 5  | 1       | 0         | 22.10                 |
| 64QAM      | 836.5                   | 20525      | 5  | 1       | 12        | 21.75                 |
| 64QAM      | 836.5                   | 20525      | 5  | 1       | 24        | 22.42                 |
| 64QAM      | 836.5                   | 20525      | 5  | 12      | 0         | 20.59                 |
| 64QAM      | 836.5                   | 20525      | 5  | 12      | 7         | 21.19                 |
| 64QAM      | 836.5                   | 20525      | 5  | 12      | 13        | 21.19                 |
| 64QAM      | 836.5                   | 20525      | 5  | 25      | 0         | 20.94                 |
| 64QAM      | 846.5                   | 20625      | 5  | 1       | 0         | 21.73                 |
| 64QAM      | 846.5                   | 20625      | 5  | 1       | 12        | 22.56                 |
| 64QAM      | 846.5                   | 20625      | 5  | 1       | 24        | 21.75                 |
| 64QAM      | 846.5                   | 20625      | 5  | 12      | 0         | 21.12                 |
| 64QAM      | 846.5                   | 20625      | 5  | 12      | 7         | 21.16                 |
| 64QAM      | 846.5                   | 20625      | 5  | 12      | 13        | 21.12                 |
| 64QAM      | 846.5                   | 20625      | 5  | 25      | 0         | 21.22                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 826.5                   | 20425      | 5  | 1       | 0         | 23.95                 |
| QPSK       | 826.5                   | 20425      | 5  | 1       | 12        | 23.59                 |
| QPSK       | 826.5                   | 20425      | 5  | 1       | 24        | 23.61                 |
| QPSK       | 826.5                   | 20425      | 5  | 12      | 0         | 22.64                 |
| QPSK       | 826.5                   | 20425      | 5  | 12      | 7         | 22.59                 |
| QPSK       | 826.5                   | 20425      | 5  | 12      | 13        | 22.38                 |
| QPSK       | 826.5                   | 20425      | 5  | 25      | 0         | 22.45                 |
| QPSK       | 836.5                   | 20525      | 5  | 1       | 0         | 23.73                 |
| QPSK       | 836.5                   | 20525      | 5  | 1       | 12        | 23.52                 |
| QPSK       | 836.5                   | 20525      | 5  | 1       | 24        | 23.71                 |
| QPSK       | 836.5                   | 20525      | 5  | 12      | 0         | 22.76                 |
| QPSK       | 836.5                   | 20525      | 5  | 12      | 7         | 22.62                 |
| QPSK       | 836.5                   | 20525      | 5  | 12      | 13        | 22.83                 |
| QPSK       | 836.5                   | 20525      | 5  | 25      | 0         | 22.69                 |
| QPSK       | 846.5                   | 20625      | 5  | 1       | 0         | 23.96                 |
| QPSK       | 846.5                   | 20625      | 5  | 1       | 12        | 24.03                 |
| QPSK       | 846.5                   | 20625      | 5  | 1       | 24        | 24.01                 |
| QPSK       | 846.5                   | 20625      | 5  | 12      | 0         | 22.80                 |
| QPSK       | 846.5                   | 20625      | 5  | 12      | 7         | 22.69                 |
| QPSK       | 846.5                   | 20625      | 5  | 12      | 13        | 22.62                 |
| QPSK       | 846.5                   | 20625      | 5  | 25      | 0         | 22.55                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM      | 829                     | 20450      | 10 | 1       | 0         | 23.25                 |
| 16QAM      | 829                     | 20450      | 10 | 1       | 25        | 22.92                 |
| 16QAM      | 829                     | 20450      | 10 | 1       | 49        | 23.32                 |
| 16QAM      | 829                     | 20450      | 10 | 25      | 0         | 21.83                 |
| 16QAM      | 829                     | 20450      | 10 | 25      | 12        | 21.80                 |
| 16QAM      | 829                     | 20450      | 10 | 25      | 25        | 21.99                 |
| 16QAM      | 829                     | 20450      | 10 | 50      | 0         | 21.67                 |
| 16QAM      | 836.5                   | 20525      | 10 | 1       | 0         | 20.80                 |
| 16QAM      | 836.5                   | 20525      | 10 | 1       | 25        | 22.90                 |
| 16QAM      | 836.5                   | 20525      | 10 | 1       | 49        | 22.37                 |
| 16QAM      | 836.5                   | 20525      | 10 | 25      | 0         | 21.94                 |
| 16QAM      | 836.5                   | 20525      | 10 | 25      | 12        | 22.02                 |
| 16QAM      | 836.5                   | 20525      | 10 | 25      | 25        | 22.33                 |
| 16QAM      | 836.5                   | 20525      | 10 | 50      | 0         | 21.88                 |
| 16QAM      | 844                     | 20600      | 10 | 1       | 0         | 23.24                 |
| 16QAM      | 844                     | 20600      | 10 | 1       | 25        | 23.11                 |
| 16QAM      | 844                     | 20600      | 10 | 1       | 49        | 23.03                 |
| 16QAM      | 844                     | 20600      | 10 | 25      | 0         | 21.42                 |
| 16QAM      | 844                     | 20600      | 10 | 25      | 12        | 21.74                 |
| 16QAM      | 844                     | 20600      | 10 | 25      | 25        | 22.26                 |
| 16QAM      | 844                     | 20600      | 10 | 50      | 0         | 21.67                 |
| 64QAM      | 829                     | 20450      | 10 | 1       | 0         | 21.44                 |
| 64QAM      | 829                     | 20450      | 10 | 1       | 25        | 21.73                 |
| 64QAM      | 829                     | 20450      | 10 | 1       | 49        | 21.78                 |
| 64QAM      | 829                     | 20450      | 10 | 25      | 0         | 20.73                 |
| 64QAM      | 829                     | 20450      | 10 | 25      | 12        | 20.78                 |
| 64QAM      | 829                     | 20450      | 10 | 25      | 25        | 20.83                 |
| 64QAM      | 829                     | 20450      | 10 | 50      | 0         | 20.80                 |
| 64QAM      | 836.5                   | 20525      | 10 | 1       | 0         | 22.30                 |
| 64QAM      | 836.5                   | 20525      | 10 | 1       | 25        | 22.26                 |
| 64QAM      | 836.5                   | 20525      | 10 | 1       | 49        | 21.52                 |
| 64QAM      | 836.5                   | 20525      | 10 | 25      | 0         | 20.98                 |
| 64QAM      | 836.5                   | 20525      | 10 | 25      | 12        | 21.33                 |
| 64QAM      | 836.5                   | 20525      | 10 | 25      | 25        | 21.19                 |
| 64QAM      | 836.5                   | 20525      | 10 | 50      | 0         | 21.47                 |
| 64QAM      | 844                     | 20600      | 10 | 1       | 0         | 22.31                 |
| 64QAM      | 844                     | 20600      | 10 | 1       | 25        | 21.06                 |
| 64QAM      | 844                     | 20600      | 10 | 1       | 49        | 21.83                 |
| 64QAM      | 844                     | 20600      | 10 | 25      | 0         | 20.78                 |
| 64QAM      | 844                     | 20600      | 10 | 25      | 12        | 21.25                 |
| 64QAM      | 844                     | 20600      | 10 | 25      | 25        | 21.09                 |
| 64QAM      | 844                     | 20600      | 10 | 50      | 0         | 21.24                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 829                     | 20450      | 10 | 1       | 0         | 23.50                 |
| QPSK       | 829                     | 20450      | 10 | 1       | 25        | 23.71                 |
| QPSK       | 829                     | 20450      | 10 | 1       | 49        | 23.65                 |
| QPSK       | 829                     | 20450      | 10 | 25      | 0         | 22.79                 |
| QPSK       | 829                     | 20450      | 10 | 25      | 12        | 22.89                 |
| QPSK       | 829                     | 20450      | 10 | 25      | 25        | 22.69                 |
| QPSK       | 829                     | 20450      | 10 | 50      | 0         | 22.84                 |
| QPSK       | 836.5                   | 20525      | 10 | 1       | 0         | 24.03                 |
| QPSK       | 836.5                   | 20525      | 10 | 1       | 25        | 24.08                 |
| QPSK       | 836.5                   | 20525      | 10 | 1       | 49        | 24.10                 |
| QPSK       | 836.5                   | 20525      | 10 | 25      | 0         | 22.87                 |
| QPSK       | 836.5                   | 20525      | 10 | 25      | 12        | 22.72                 |
| QPSK       | 836.5                   | 20525      | 10 | 25      | 25        | 22.95                 |
| QPSK       | 836.5                   | 20525      | 10 | 50      | 0         | 22.66                 |
| QPSK       | 844                     | 20600      | 10 | 1       | 0         | 23.84                 |
| QPSK       | 844                     | 20600      | 10 | 1       | 25        | 23.69                 |
| QPSK       | 844                     | 20600      | 10 | 1       | 49        | 23.94                 |
| QPSK       | 844                     | 20600      | 10 | 25      | 0         | 22.78                 |
| QPSK       | 844                     | 20600      | 10 | 25      | 12        | 22.79                 |
| QPSK       | 844                     | 20600      | 10 | 25      | 25        | 22.61                 |
| QPSK       | 844                     | 20600      | 10 | 50      | 0         | 22.60                 |

## 2 Occupied Bandwidth

| Band | Mode | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of 99% Power (MHz) |        |
|------|------|-------------------------|---------|----------|---------|-----------|------------------------------|--------|
| 5    | QPSK | 824.7                   | 20407   | 1.4      | 6       | 0         | 1.070                        | Fig.1  |
| 5    | QPSK | 836.5                   | 20525   | 1.4      | 6       | 0         | 1.080                        | Fig.2  |
| 5    | QPSK | 848.3                   | 20643   | 1.4      | 6       | 0         | 1.070                        | Fig.3  |
| 5    | QPSK | 825.5                   | 20415   | 3        | 15      | 0         | 2.670                        | Fig.4  |
| 5    | QPSK | 836.5                   | 20525   | 3        | 15      | 0         | 2.670                        | Fig.5  |
| 5    | QPSK | 847.5                   | 20635   | 3        | 15      | 0         | 2.680                        | Fig.6  |
| 5    | QPSK | 826.5                   | 20425   | 5        | 25      | 0         | 4.460                        | Fig.7  |
| 5    | QPSK | 836.5                   | 20525   | 5        | 25      | 0         | 4.460                        | Fig.8  |
| 5    | QPSK | 846.5                   | 20625   | 5        | 25      | 0         | 4.480                        | Fig.9  |
| 5    | QPSK | 829                     | 20450   | 10       | 50      | 0         | 8.920                        | Fig.10 |
| 5    | QPSK | 836.5                   | 20525   | 10       | 50      | 0         | 8.910                        | Fig.11 |
| 5    | QPSK | 844                     | 20600   | 10       | 50      | 0         | 8.890                        | Fig.12 |

| Band | Mode  | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of 99% Power (MHz) |        |
|------|-------|-------------------------|---------|----------|---------|-----------|------------------------------|--------|
| 5    | 16QAM | 824.7                   | 20407   | 1.4      | 6       | 0         | 1.080                        | Fig.13 |
| 5    | 16QAM | 836.5                   | 20525   | 1.4      | 6       | 0         | 1.080                        | Fig.14 |
| 5    | 16QAM | 848.3                   | 20643   | 1.4      | 6       | 0         | 1.080                        | Fig.15 |
| 5    | 16QAM | 825.5                   | 20415   | 3        | 15      | 0         | 2.670                        | Fig.16 |
| 5    | 16QAM | 836.5                   | 20525   | 3        | 15      | 0         | 2.680                        | Fig.17 |
| 5    | 16QAM | 847.5                   | 20635   | 3        | 15      | 0         | 2.670                        | Fig.18 |
| 5    | 16QAM | 826.5                   | 20425   | 5        | 25      | 0         | 4.460                        | Fig.19 |
| 5    | 16QAM | 836.5                   | 20525   | 5        | 25      | 0         | 4.450                        | Fig.20 |
| 5    | 16QAM | 846.5                   | 20625   | 5        | 25      | 0         | 4.460                        | Fig.21 |
| 5    | 16QAM | 829                     | 20450   | 10       | 50      | 0         | 8.920                        | Fig.22 |
| 5    | 16QAM | 836.5                   | 20525   | 10       | 50      | 0         | 8.890                        | Fig.23 |
| 5    | 16QAM | 844                     | 20600   | 10       | 50      | 0         | 8.930                        | Fig.24 |

| Band | Mode  | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of 99% Power (MHz) |        |
|------|-------|-------------------------|---------|----------|---------|-----------|------------------------------|--------|
| 5    | 64QAM | 824.7                   | 20407   | 1.4      | 6       | 0         | 1.080                        | Fig.25 |
| 5    | 64QAM | 836.5                   | 20525   | 1.4      | 6       | 0         | 1.070                        | Fig.26 |
| 5    | 64QAM | 848.3                   | 20643   | 1.4      | 6       | 0         | 1.080                        | Fig.27 |
| 5    | 64QAM | 825.5                   | 20415   | 3        | 15      | 0         | 2.670                        | Fig.28 |
| 5    | 64QAM | 836.5                   | 20525   | 3        | 15      | 0         | 2.670                        | Fig.29 |
| 5    | 64QAM | 847.5                   | 20635   | 3        | 15      | 0         | 2.680                        | Fig.30 |
| 5    | 64QAM | 826.5                   | 20425   | 5        | 25      | 0         | 4.460                        | Fig.31 |
| 5    | 64QAM | 836.5                   | 20525   | 5        | 25      | 0         | 4.450                        | Fig.32 |
| 5    | 64QAM | 846.5                   | 20625   | 5        | 25      | 0         | 4.460                        | Fig.33 |
| 5    | 64QAM | 829                     | 20450   | 10       | 50      | 0         | 8.940                        | Fig.34 |
| 5    | 64QAM | 836.5                   | 20525   | 10       | 50      | 0         | 8.910                        | Fig.35 |
| 5    | 64QAM | 844                     | 20600   | 10       | 50      | 0         | 8.920                        | Fig.36 |

Test Mode: QPSK

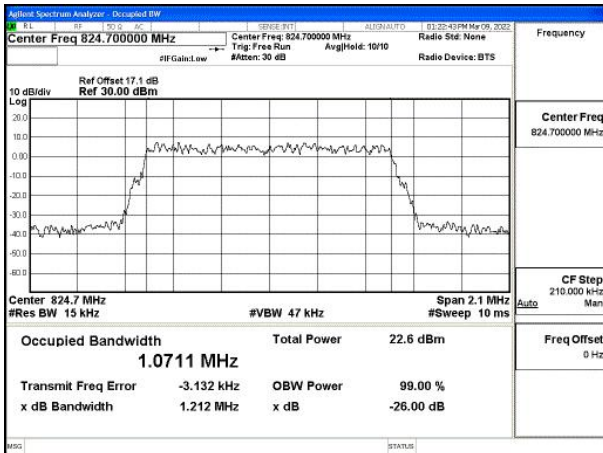


Fig.1

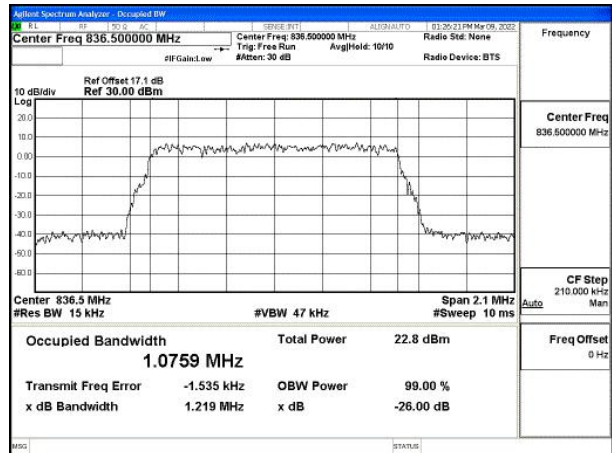


Fig.2

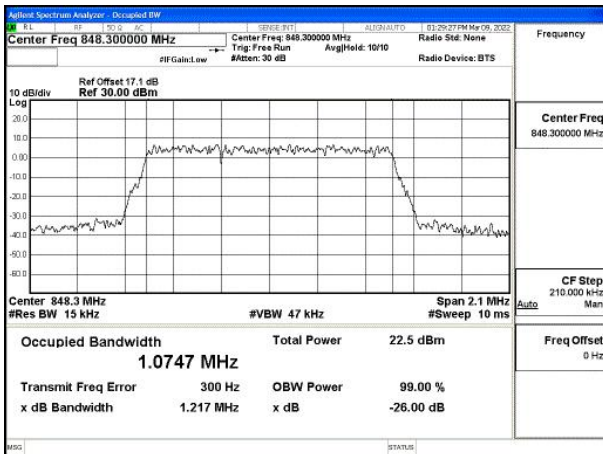


Fig.3

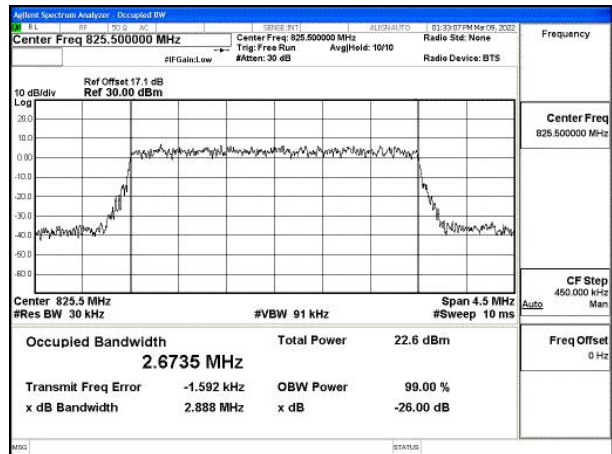


Fig.4

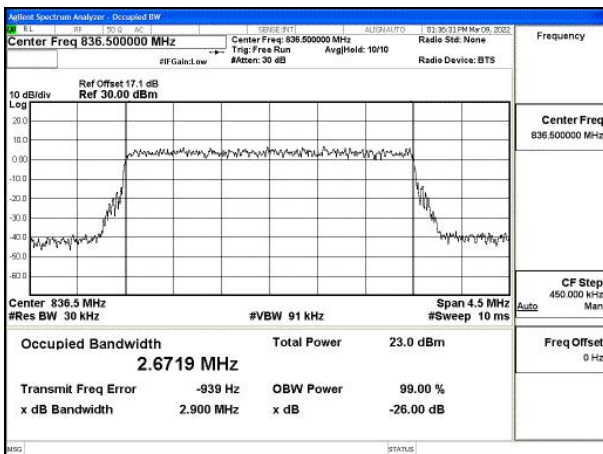


Fig.5

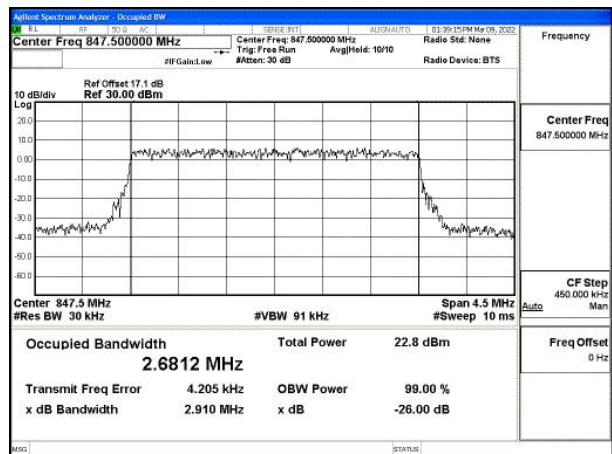


Fig.6

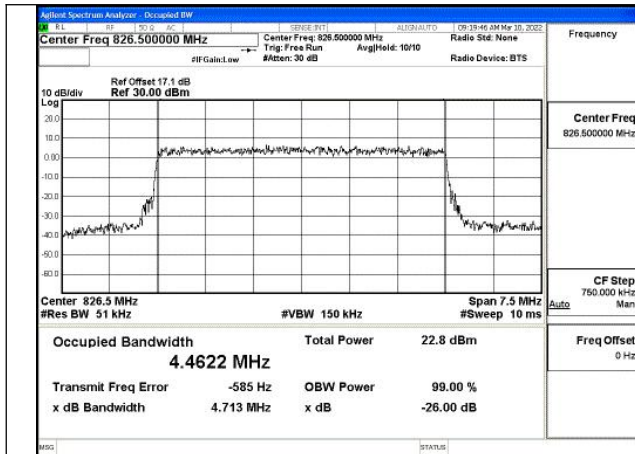


Fig.7

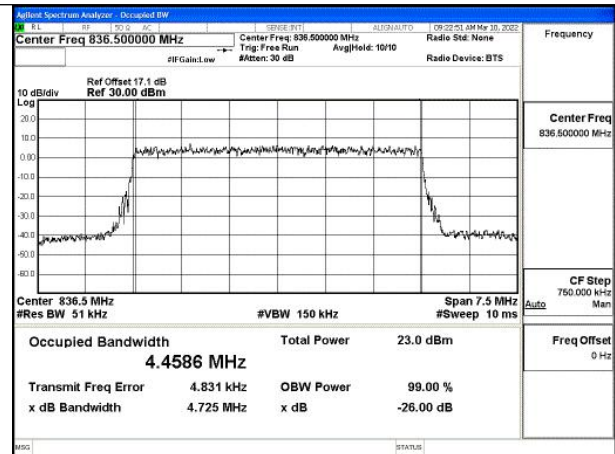


Fig.8

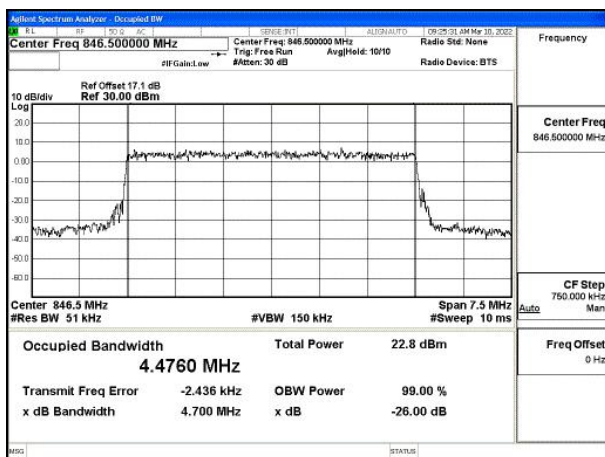


Fig.9

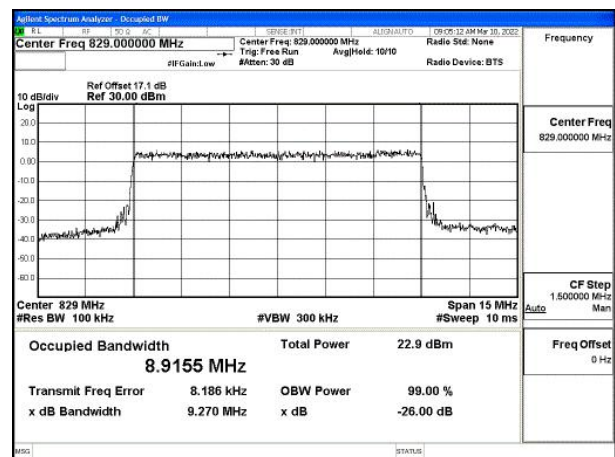


Fig.10

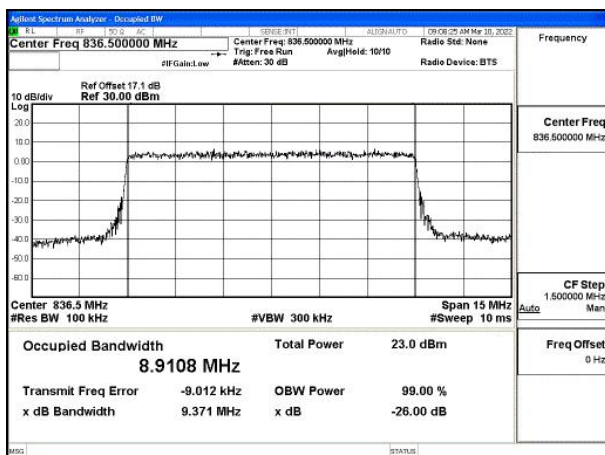


Fig.11

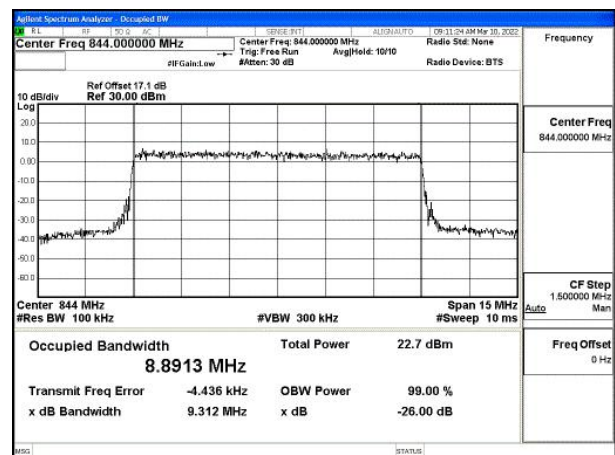


Fig.12

Test Mode: 16QAM

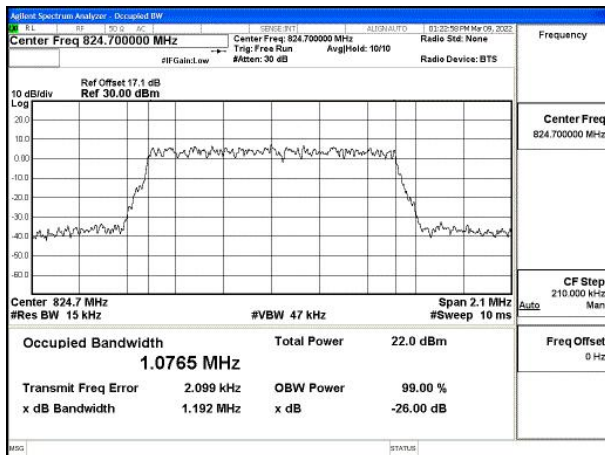


Fig.13

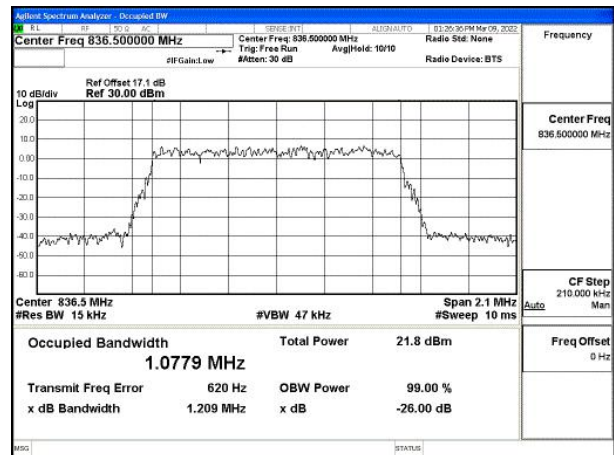


Fig.14

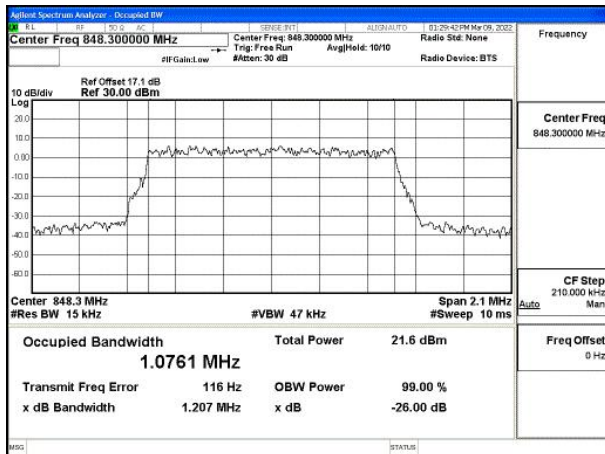


Fig.15

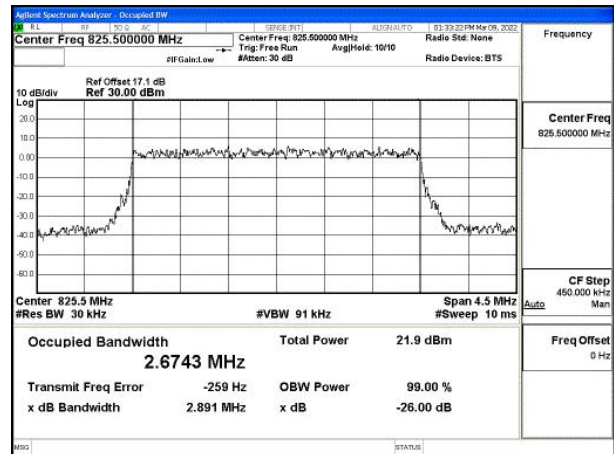


Fig.16

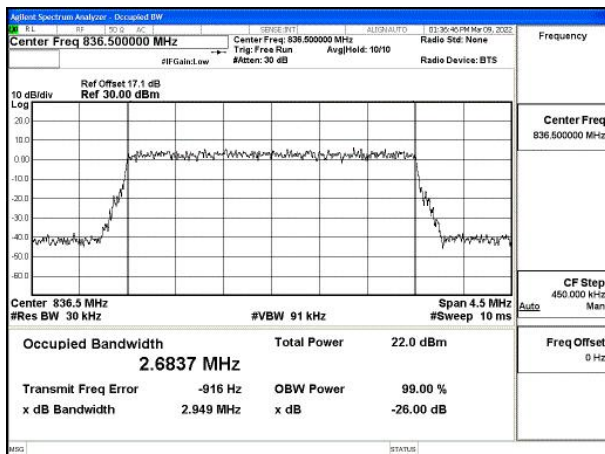


Fig.17

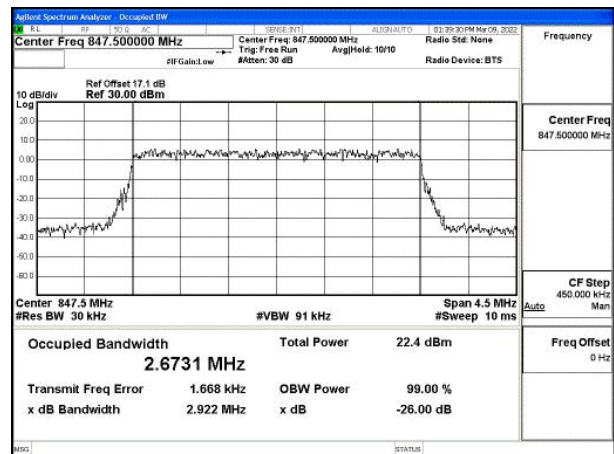


Fig.18

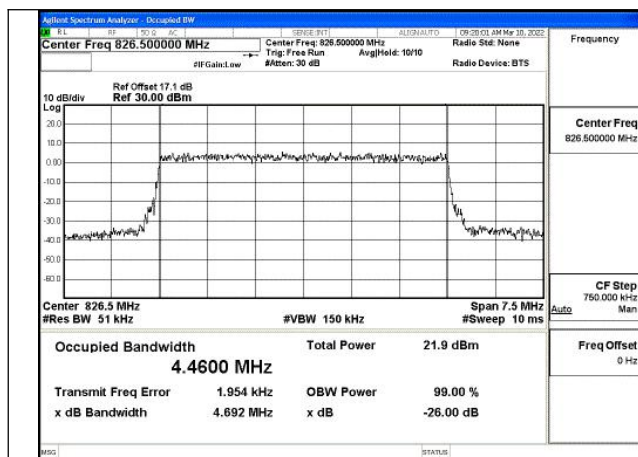


Fig.19

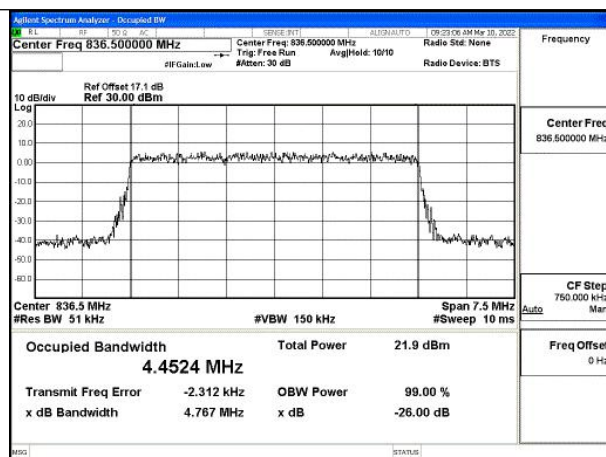


Fig.20

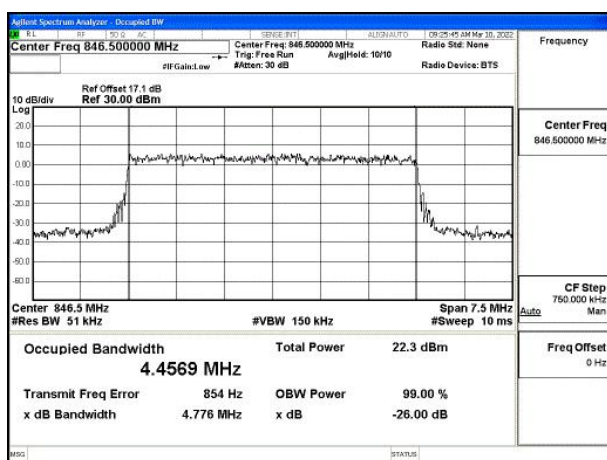


Fig.21

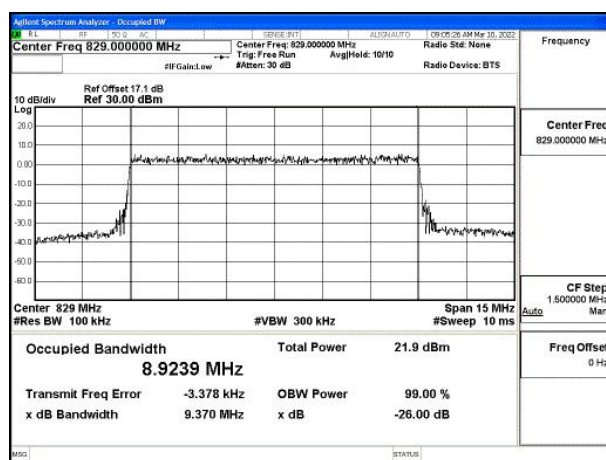


Fig.22

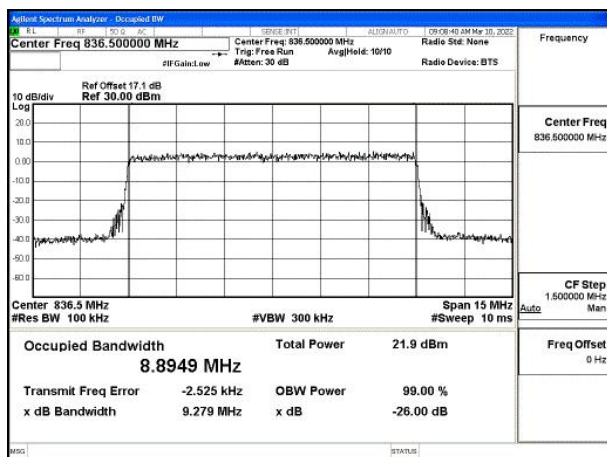


Fig.23

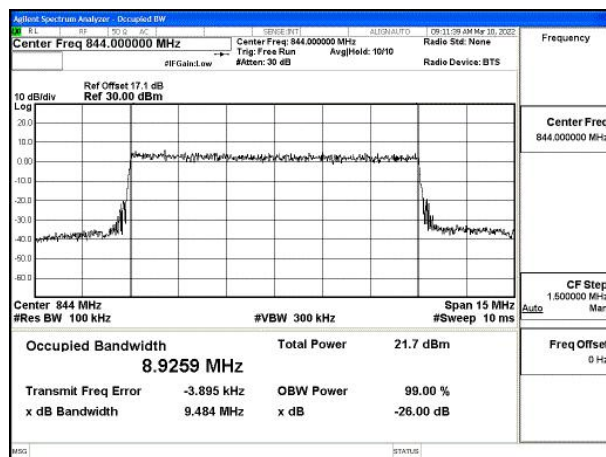


Fig.24

Test Mode: 64QAM

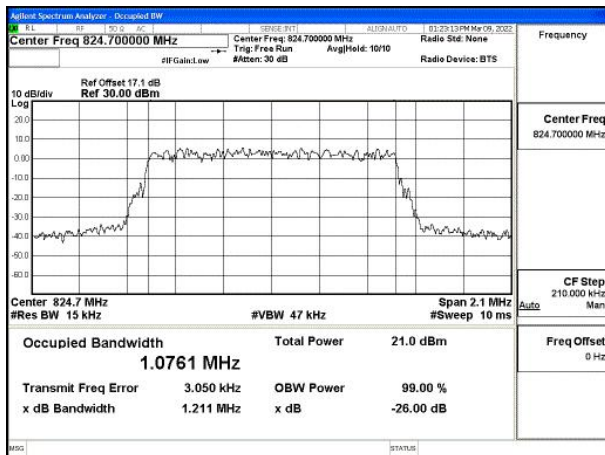


Fig.25

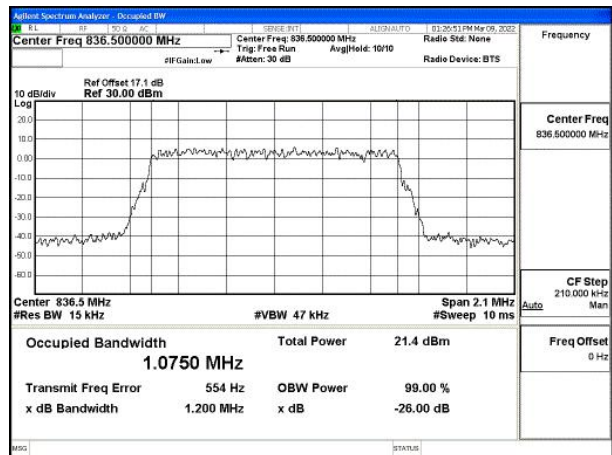


Fig.26

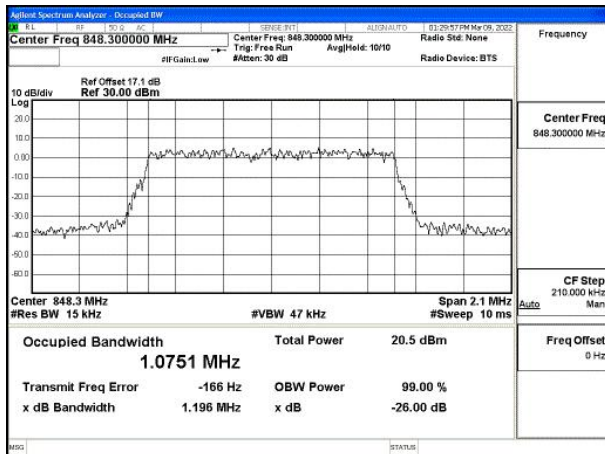


Fig.27

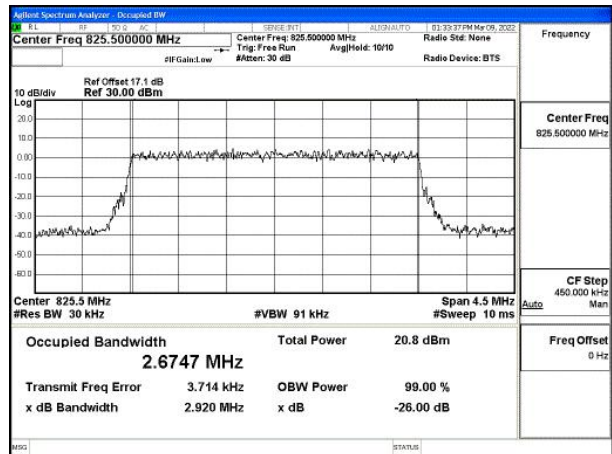


Fig.28

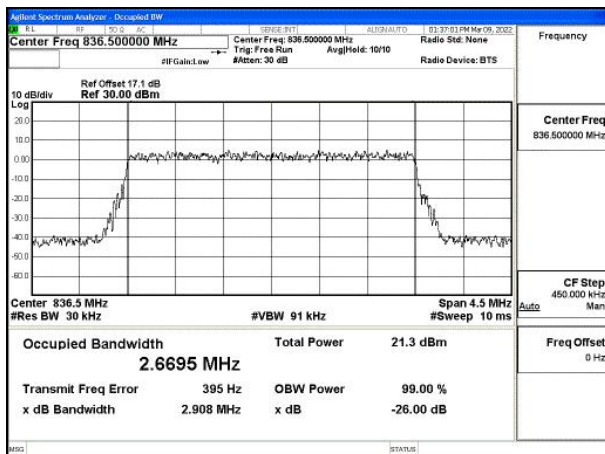


Fig.29

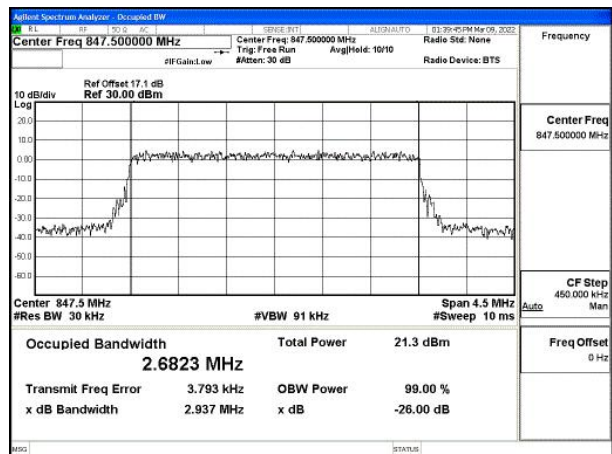


Fig.30

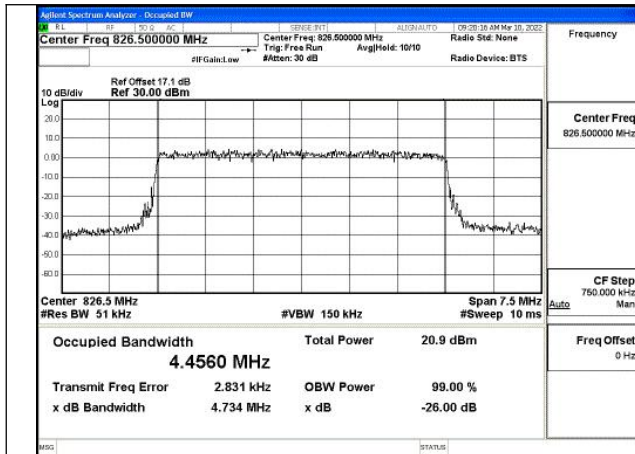


Fig.31

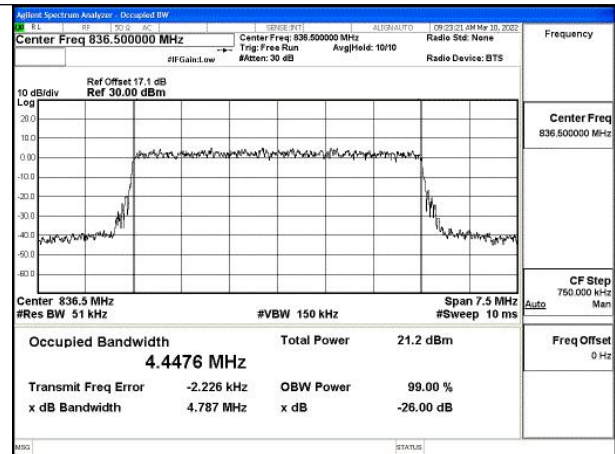


Fig.32

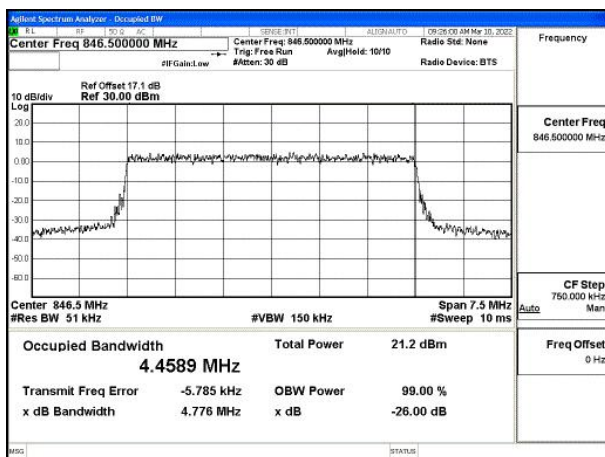


Fig.33

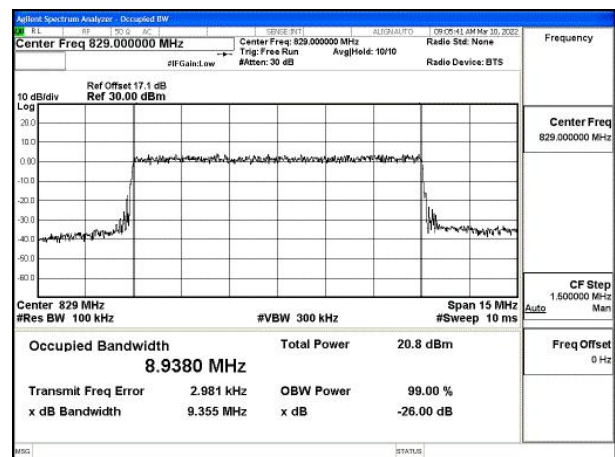


Fig.34

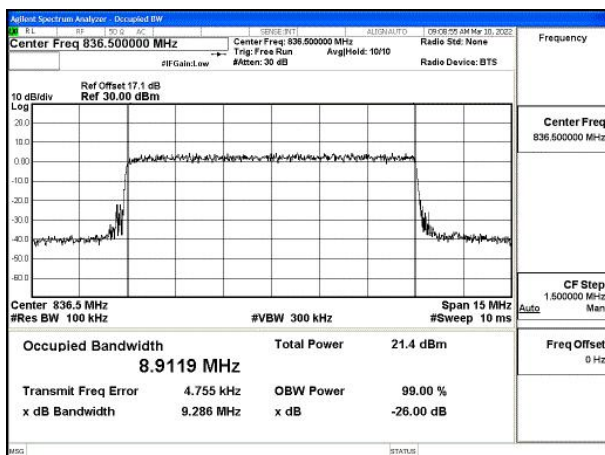


Fig.35

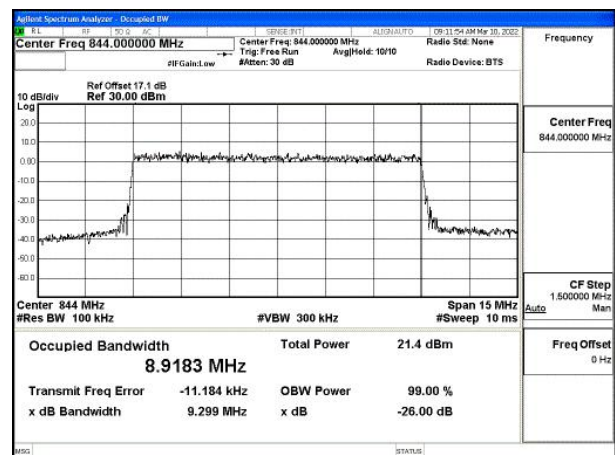


Fig.36

### 3 Emission Bandwidth

| Band | Mode | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of -26dB transmitter power (MHz) |        |
|------|------|-------------------------|---------|----------|---------|-----------|--------------------------------------------|--------|
| 5    | QPSK | 824.7                   | 20407   | 1.4      | 6       | 0         | 1.210                                      | Fig.1  |
| 5    | QPSK | 836.5                   | 20525   | 1.4      | 6       | 0         | 1.220                                      | Fig.2  |
| 5    | QPSK | 848.3                   | 20643   | 1.4      | 6       | 0         | 1.220                                      | Fig.3  |
| 5    | QPSK | 825.5                   | 20415   | 3        | 15      | 0         | 2.890                                      | Fig.4  |
| 5    | QPSK | 836.5                   | 20525   | 3        | 15      | 0         | 2.900                                      | Fig.5  |
| 5    | QPSK | 847.5                   | 20635   | 3        | 15      | 0         | 2.910                                      | Fig.6  |
| 5    | QPSK | 826.5                   | 20425   | 5        | 25      | 0         | 4.710                                      | Fig.7  |
| 5    | QPSK | 836.5                   | 20525   | 5        | 25      | 0         | 4.730                                      | Fig.8  |
| 5    | QPSK | 846.5                   | 20625   | 5        | 25      | 0         | 4.700                                      | Fig.9  |
| 5    | QPSK | 829                     | 20450   | 10       | 50      | 0         | 9.270                                      | Fig.10 |
| 5    | QPSK | 836.5                   | 20525   | 10       | 50      | 0         | 9.370                                      | Fig.11 |
| 5    | QPSK | 844                     | 20600   | 10       | 50      | 0         | 9.310                                      | Fig.12 |

| Band | Mode  | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of -26dB transmitter power (MHz) |        |
|------|-------|-------------------------|---------|----------|---------|-----------|--------------------------------------------|--------|
| 5    | 16QAM | 824.7                   | 20407   | 1.4      | 6       | 0         | 1.190                                      | Fig.13 |
| 5    | 16QAM | 836.5                   | 20525   | 1.4      | 6       | 0         | 1.210                                      | Fig.14 |
| 5    | 16QAM | 848.3                   | 20643   | 1.4      | 6       | 0         | 1.210                                      | Fig.15 |
| 5    | 16QAM | 825.5                   | 20415   | 3        | 15      | 0         | 2.890                                      | Fig.16 |
| 5    | 16QAM | 836.5                   | 20525   | 3        | 15      | 0         | 2.950                                      | Fig.17 |
| 5    | 16QAM | 847.5                   | 20635   | 3        | 15      | 0         | 2.920                                      | Fig.18 |
| 5    | 16QAM | 826.5                   | 20425   | 5        | 25      | 0         | 4.690                                      | Fig.19 |
| 5    | 16QAM | 836.5                   | 20525   | 5        | 25      | 0         | 4.770                                      | Fig.20 |
| 5    | 16QAM | 846.5                   | 20625   | 5        | 25      | 0         | 4.780                                      | Fig.21 |
| 5    | 16QAM | 829                     | 20450   | 10       | 50      | 0         | 9.370                                      | Fig.22 |
| 5    | 16QAM | 836.5                   | 20525   | 10       | 50      | 0         | 9.280                                      | Fig.23 |
| 5    | 16QAM | 844                     | 20600   | 10       | 50      | 0         | 9.480                                      | Fig.24 |

| Band | Mode  | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of -26dB transmitter power (MHz) |        |
|------|-------|-------------------------|---------|----------|---------|-----------|--------------------------------------------|--------|
| 5    | 64QAM | 824.7                   | 20407   | 1.4      | 6       | 0         | 1.210                                      | Fig.25 |
| 5    | 64QAM | 836.5                   | 20525   | 1.4      | 6       | 0         | 1.200                                      | Fig.26 |
| 5    | 64QAM | 848.3                   | 20643   | 1.4      | 6       | 0         | 1.200                                      | Fig.27 |
| 5    | 64QAM | 825.5                   | 20415   | 3        | 15      | 0         | 2.920                                      | Fig.28 |
| 5    | 64QAM | 836.5                   | 20525   | 3        | 15      | 0         | 2.910                                      | Fig.29 |
| 5    | 64QAM | 847.5                   | 20635   | 3        | 15      | 0         | 2.940                                      | Fig.30 |
| 5    | 64QAM | 826.5                   | 20425   | 5        | 25      | 0         | 4.730                                      | Fig.31 |
| 5    | 64QAM | 836.5                   | 20525   | 5        | 25      | 0         | 4.790                                      | Fig.32 |
| 5    | 64QAM | 846.5                   | 20625   | 5        | 25      | 0         | 4.780                                      | Fig.33 |
| 5    | 64QAM | 829                     | 20450   | 10       | 50      | 0         | 9.360                                      | Fig.34 |
| 5    | 64QAM | 836.5                   | 20525   | 10       | 50      | 0         | 9.290                                      | Fig.35 |
| 5    | 64QAM | 844                     | 20600   | 10       | 50      | 0         | 9.300                                      | Fig.36 |

Test Mode: QPSK

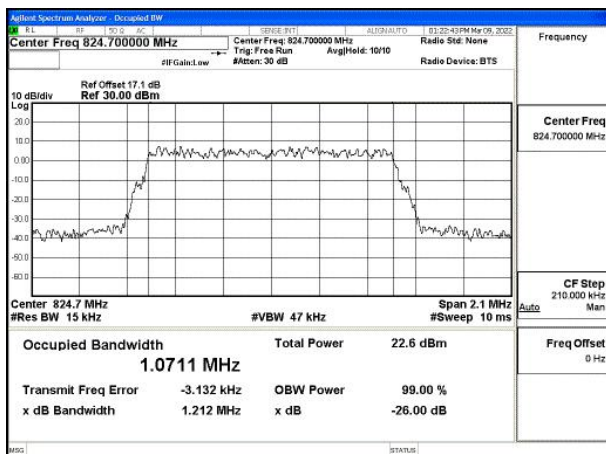


Fig.1

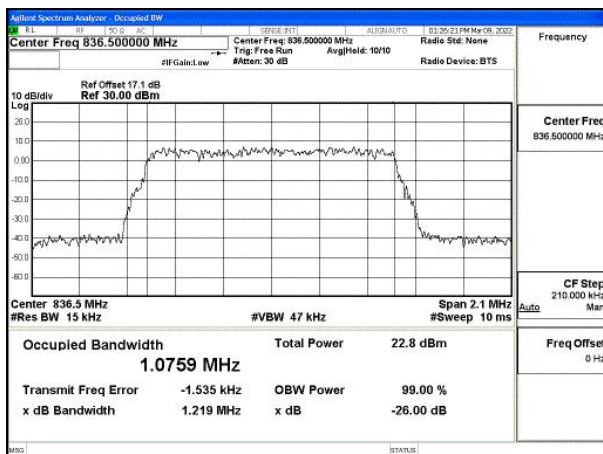


Fig.2

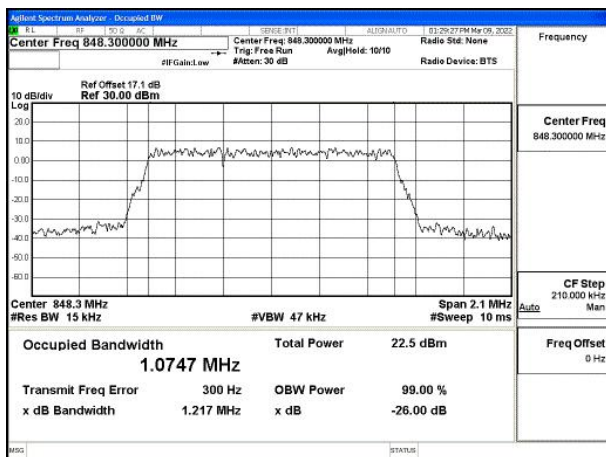


Fig.3

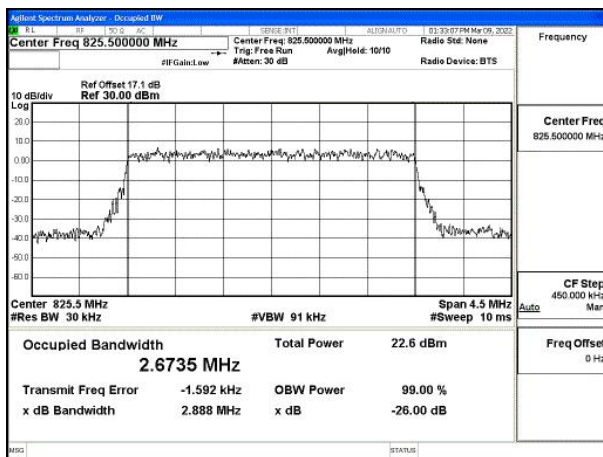


Fig.4

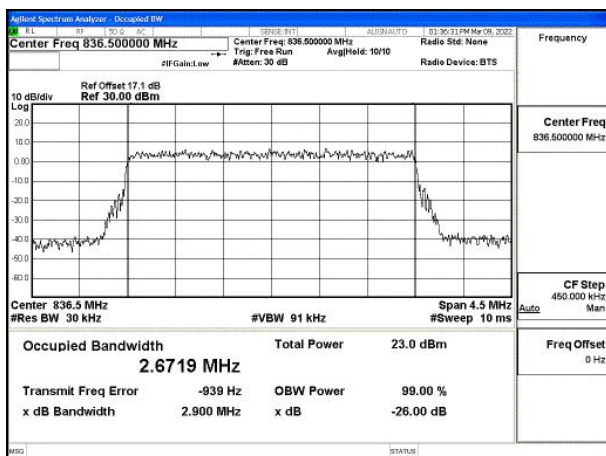


Fig.5

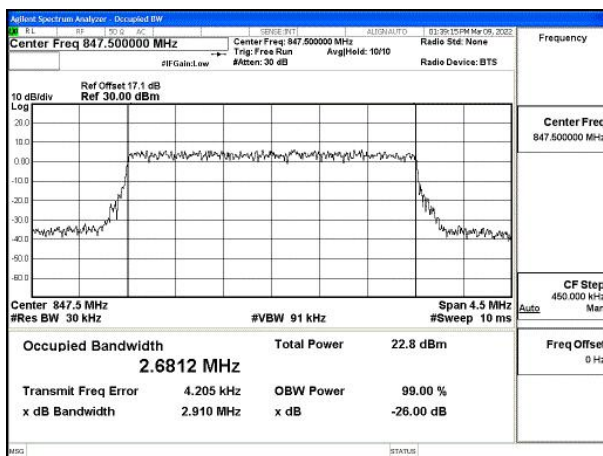


Fig.6

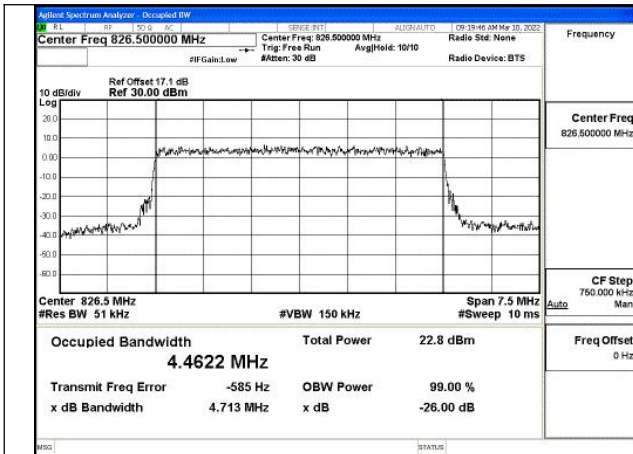


Fig.7

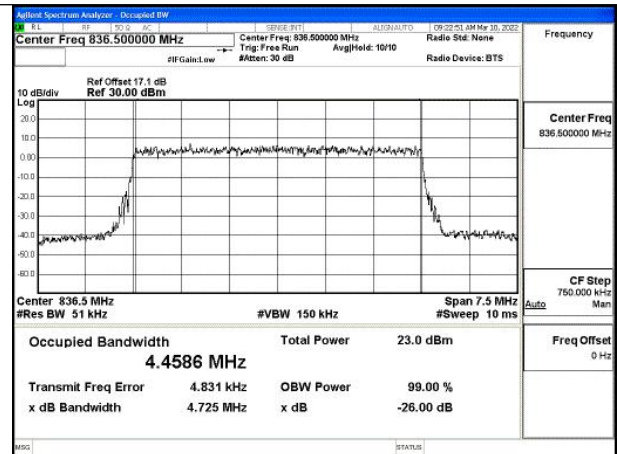


Fig.8

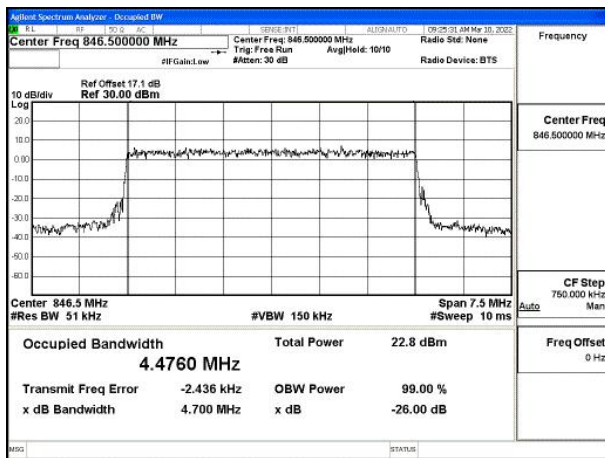


Fig.9

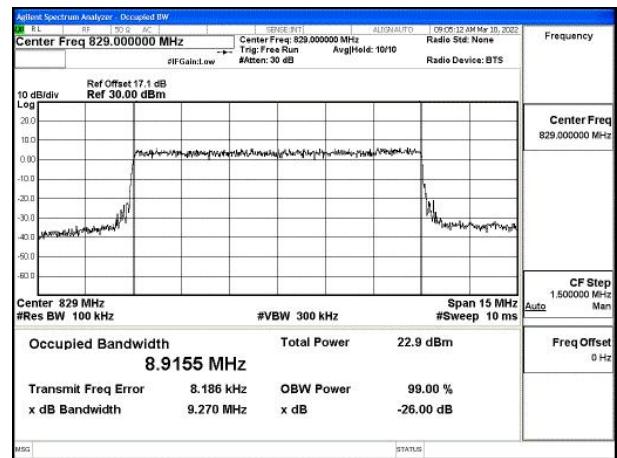


Fig.10

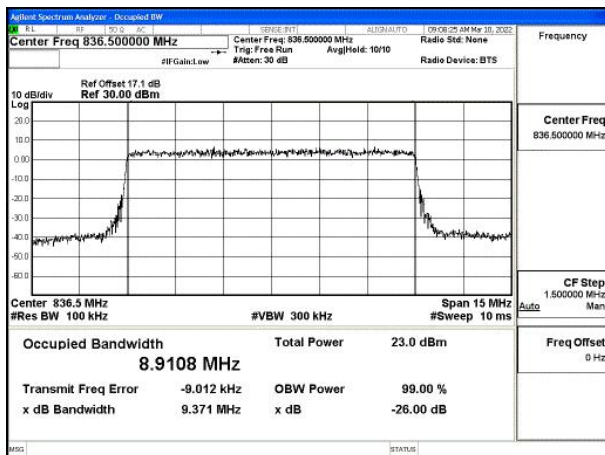


Fig.11

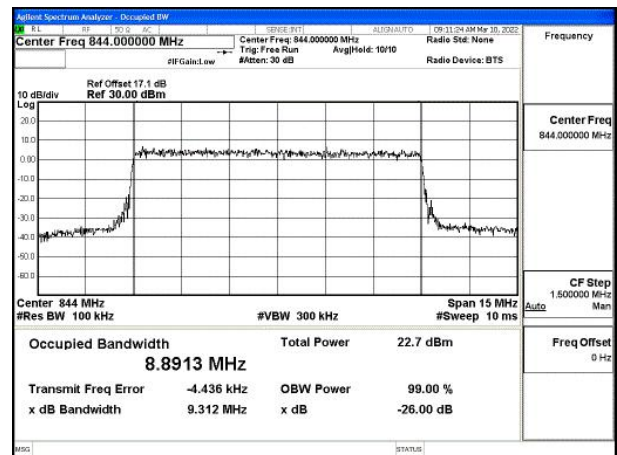


Fig.12

Test Mode: 16QAM

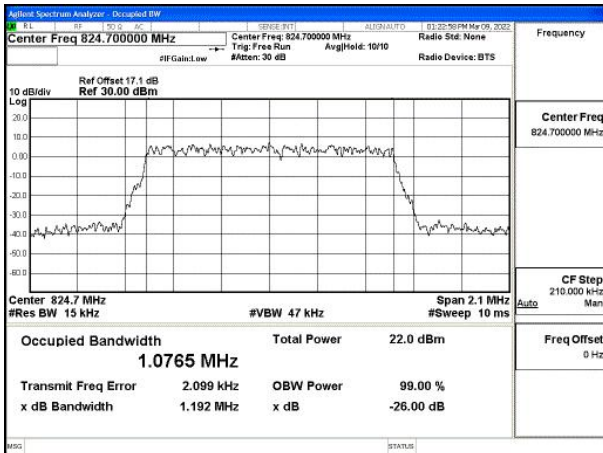


Fig.13

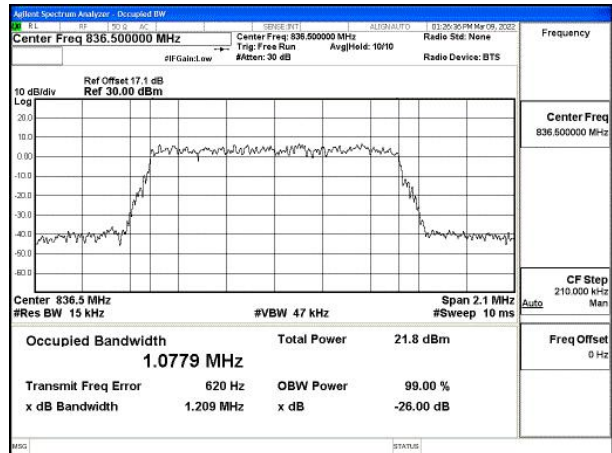


Fig.14

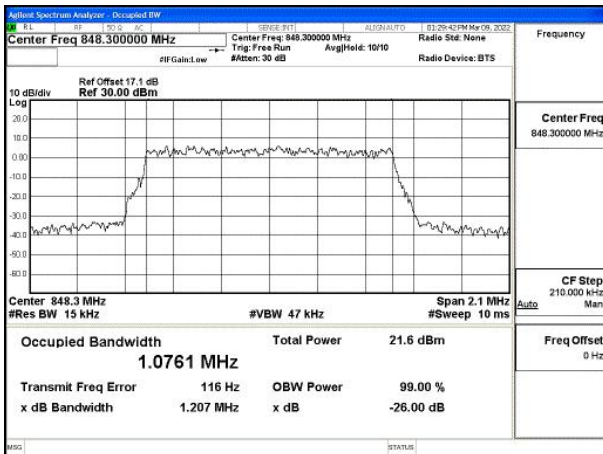


Fig.15

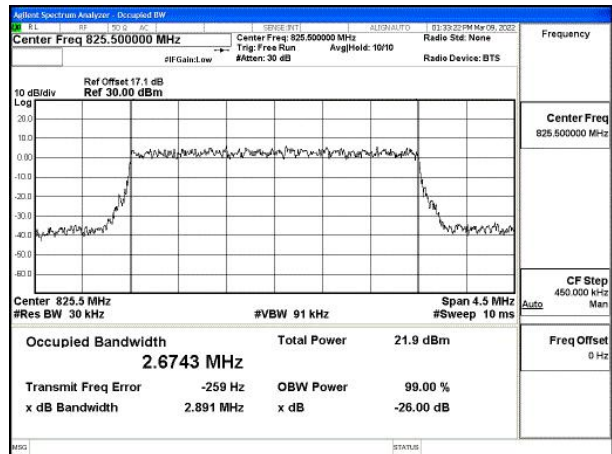


Fig.16

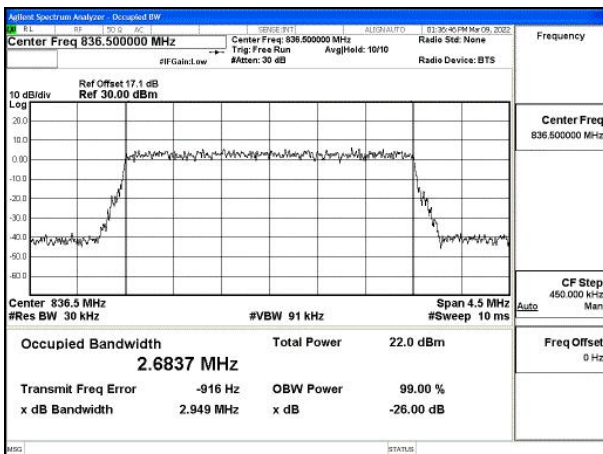


Fig.17

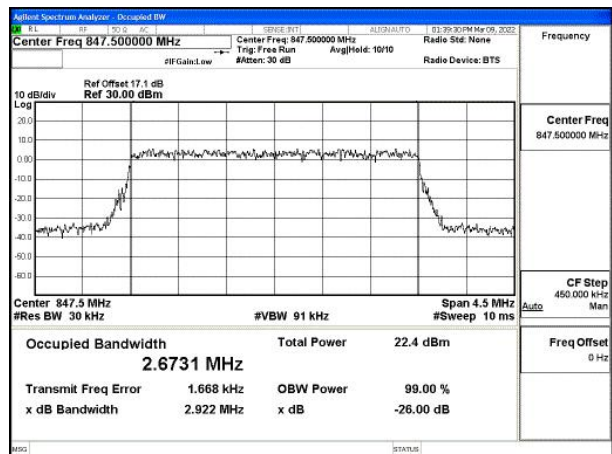


Fig.18

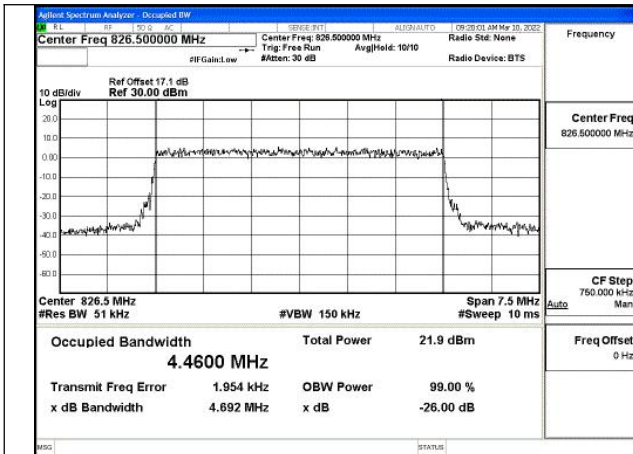


Fig.19

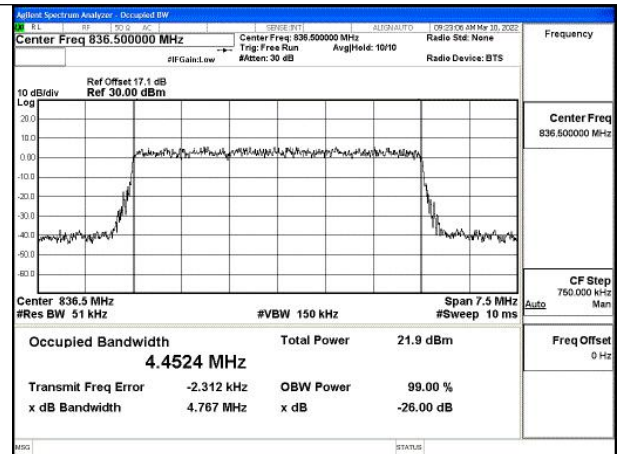


Fig.20

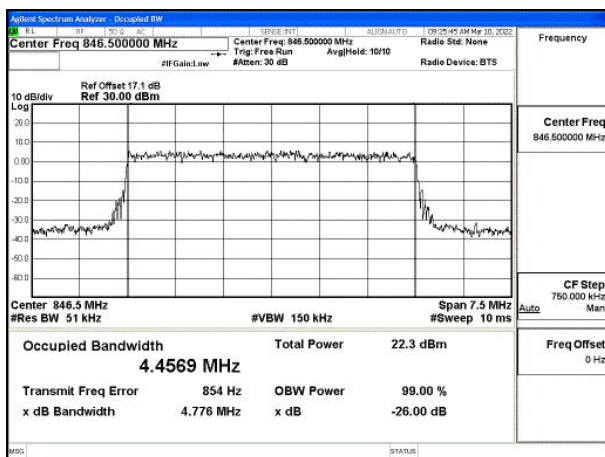


Fig.21

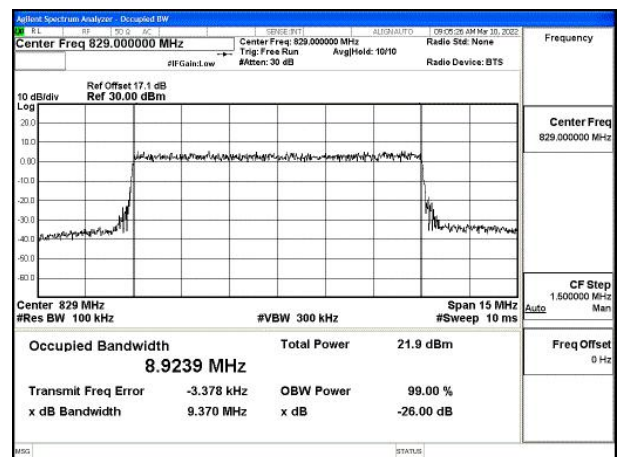


Fig.22

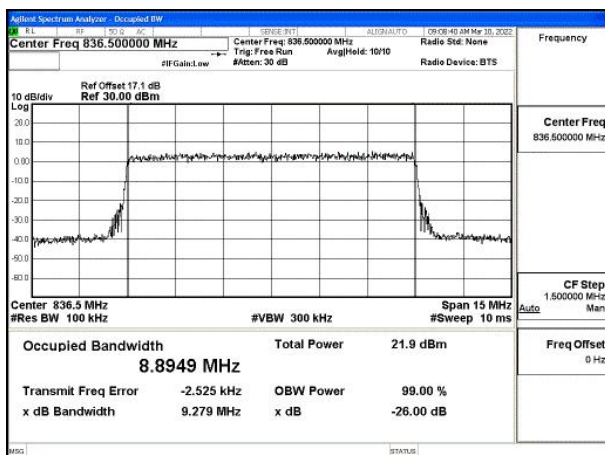


Fig.23

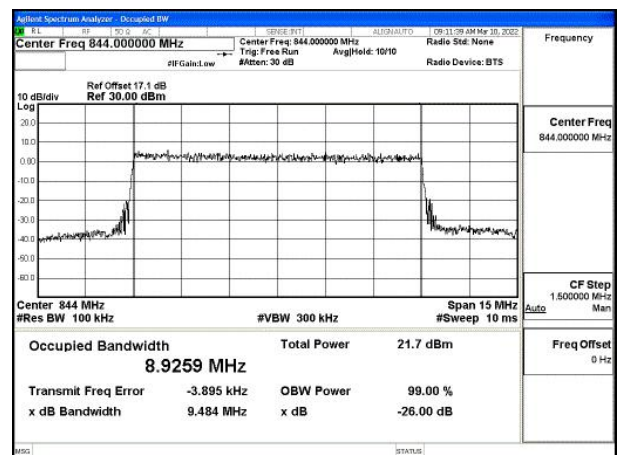


Fig.24

Test Mode: 64QAM

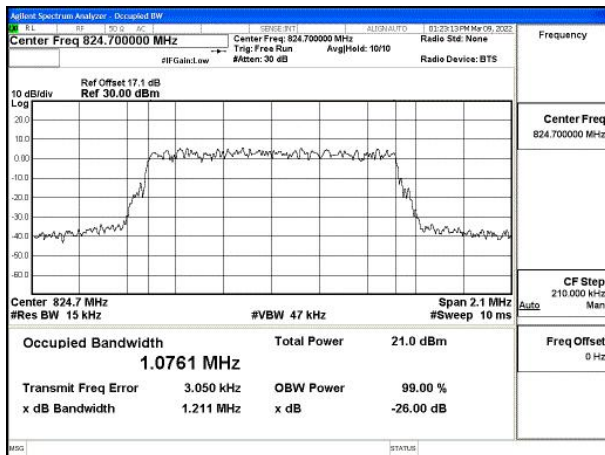


Fig.25

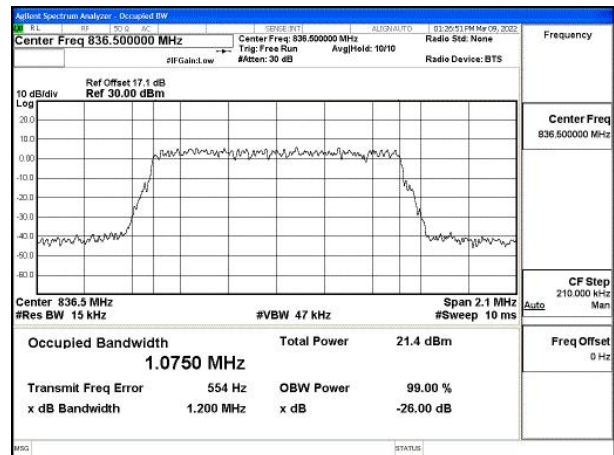


Fig.26

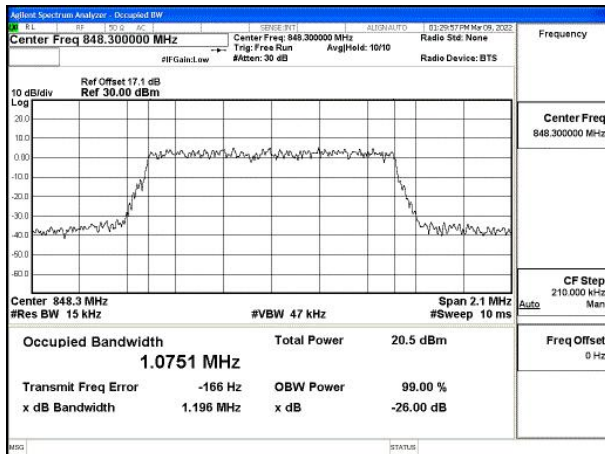


Fig.27

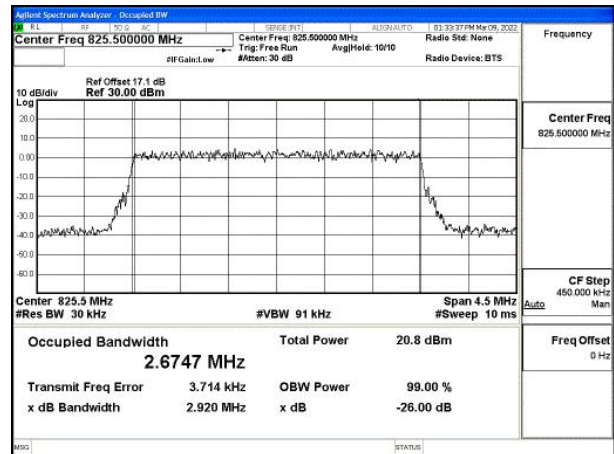


Fig.28

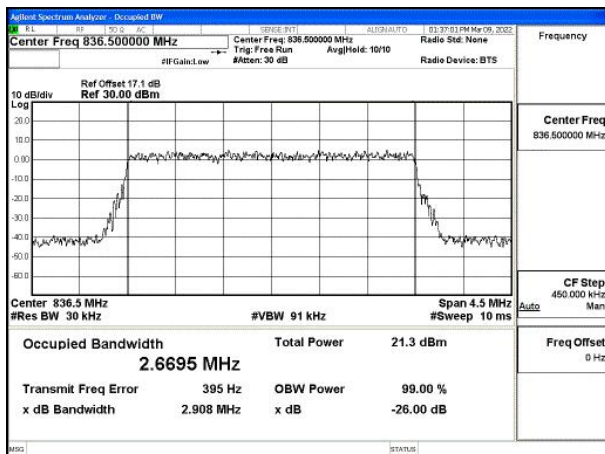


Fig.29

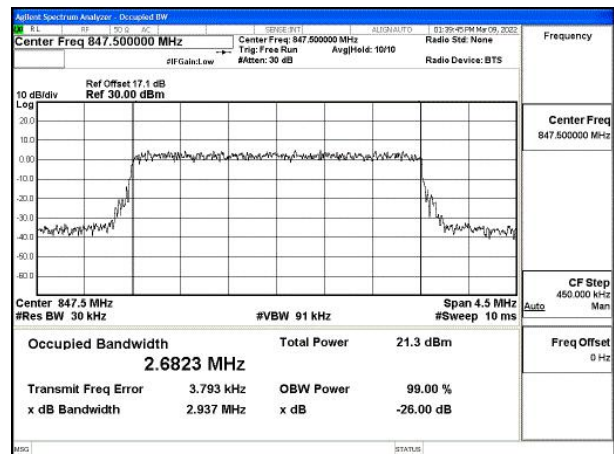


Fig.30

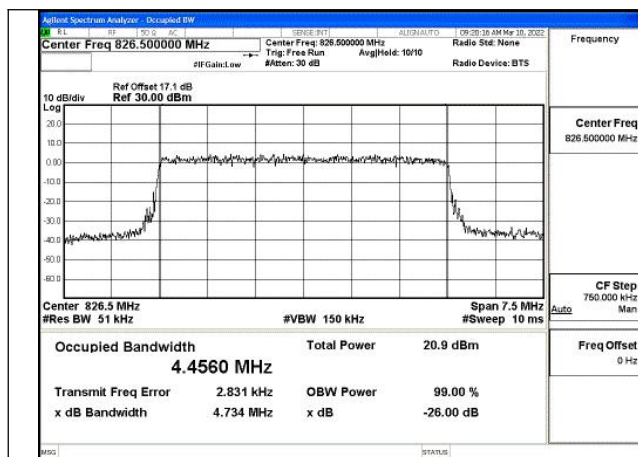


Fig.31

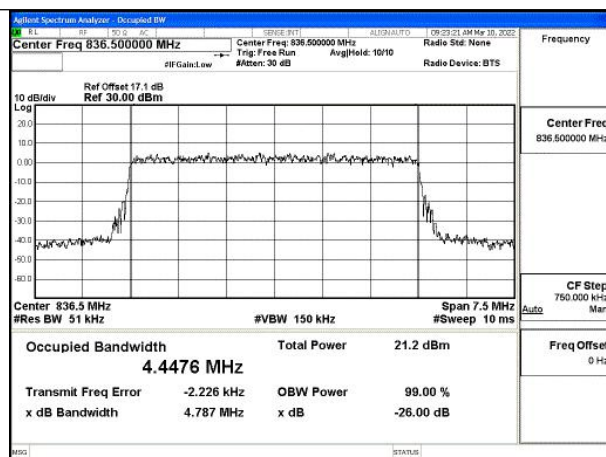


Fig.32

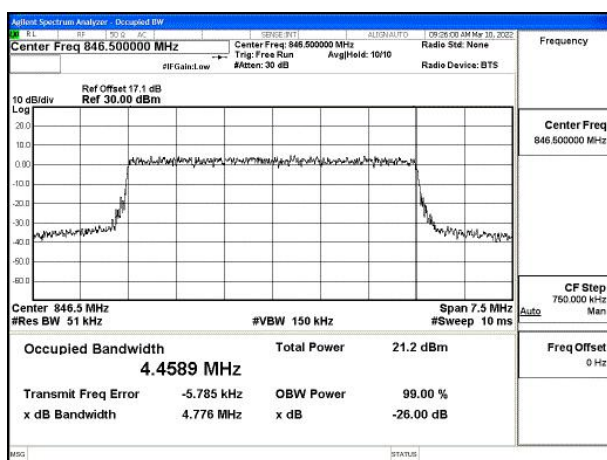


Fig.33

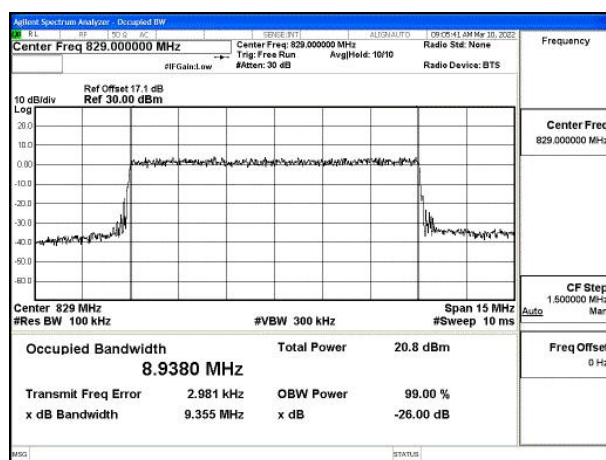


Fig.34

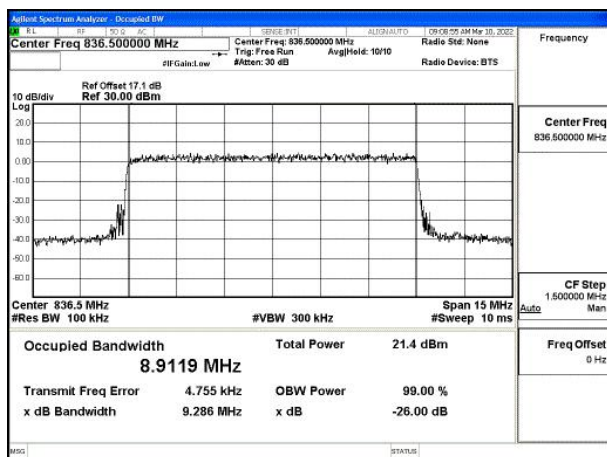


Fig.35

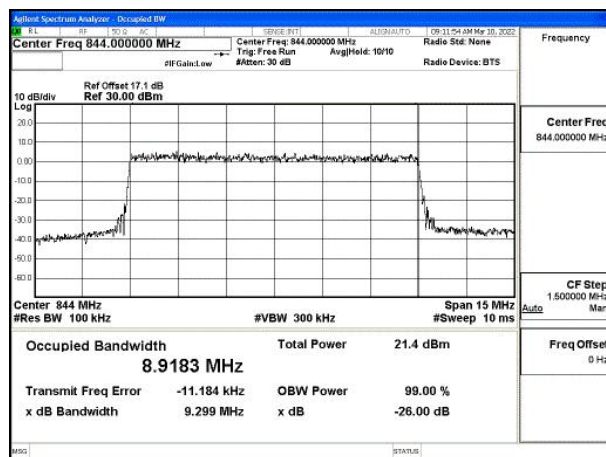


Fig.36

#### 4 Peak-Average Ratio

| Band | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | QPSK   | 16-QAM | 64-QAM |
|------|-------------------------|---------|----------|---------|-----------|--------|--------|--------|
| 5    | 824.7                   | 20407   | 1.4      | 1       | 5         | Fig.1  | Fig.2  | Fig.3  |
| 5    | 824.7                   | 20407   | 1.4      | 6       | 0         | Fig.4  | Fig.5  | Fig.6  |
| 5    | 836.5                   | 20525   | 1.4      | 1       | 5         | Fig.7  | Fig.8  | Fig.9  |
| 5    | 836.5                   | 20525   | 1.4      | 6       | 0         | Fig.10 | Fig.11 | Fig.12 |
| 5    | 848.3                   | 20643   | 1.4      | 1       | 5         | Fig.13 | Fig.14 | Fig.15 |
| 5    | 848.3                   | 20643   | 1.4      | 6       | 0         | Fig.16 | Fig.17 | Fig.18 |
| 5    | 825.5                   | 20415   | 3        | 1       | 14        | Fig.19 | Fig.20 | Fig.21 |
| 5    | 825.5                   | 20415   | 3        | 15      | 0         | Fig.22 | Fig.23 | Fig.24 |
| 5    | 836.5                   | 20525   | 3        | 1       | 14        | Fig.25 | Fig.26 | Fig.27 |
| 5    | 836.5                   | 20525   | 3        | 15      | 0         | Fig.28 | Fig.29 | Fig.30 |
| 5    | 847.5                   | 20635   | 3        | 1       | 14        | Fig.31 | Fig.32 | Fig.33 |
| 5    | 847.5                   | 20635   | 3        | 15      | 0         | Fig.34 | Fig.35 | Fig.36 |
| 5    | 826.5                   | 20425   | 5        | 1       | 24        | Fig.37 | Fig.38 | Fig.39 |
| 5    | 826.5                   | 20425   | 5        | 25      | 0         | Fig.40 | Fig.41 | Fig.42 |
| 5    | 836.5                   | 20525   | 5        | 1       | 24        | Fig.43 | Fig.44 | Fig.45 |
| 5    | 836.5                   | 20525   | 5        | 25      | 0         | Fig.46 | Fig.47 | Fig.48 |
| 5    | 846.5                   | 20625   | 5        | 1       | 24        | Fig.49 | Fig.50 | Fig.51 |
| 5    | 846.5                   | 20625   | 5        | 25      | 0         | Fig.52 | Fig.53 | Fig.54 |
| 5    | 829                     | 20450   | 10       | 1       | 49        | Fig.55 | Fig.56 | Fig.57 |
| 5    | 829                     | 20450   | 10       | 50      | 0         | Fig.58 | Fig.59 | Fig.60 |
| 5    | 836.5                   | 20525   | 10       | 1       | 49        | Fig.61 | Fig.62 | Fig.63 |
| 5    | 836.5                   | 20525   | 10       | 50      | 0         | Fig.64 | Fig.65 | Fig.66 |
| 5    | 844                     | 20600   | 10       | 1       | 49        | Fig.67 | Fig.68 | Fig.69 |
| 5    | 844                     | 20600   | 10       | 50      | 0         | Fig.70 | Fig.71 | Fig.72 |

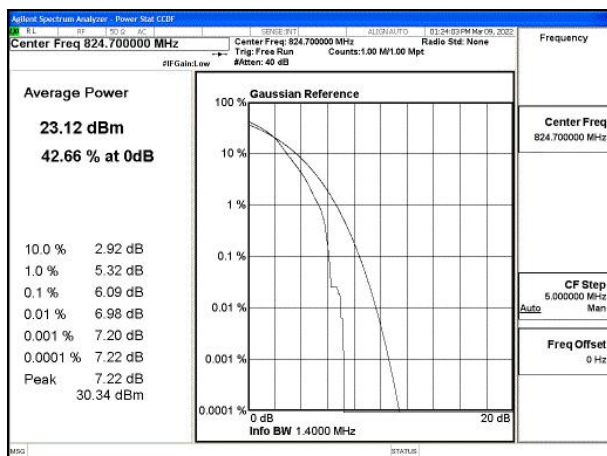


Fig.1

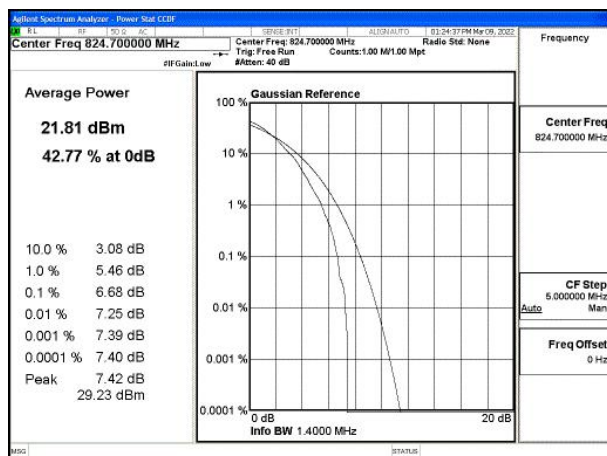


Fig.2

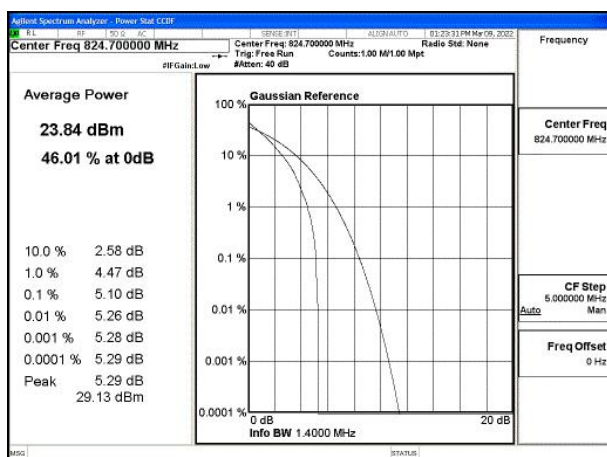


Fig.3

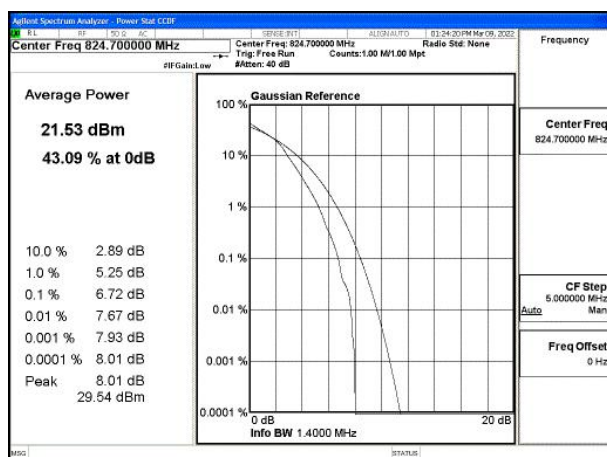


Fig.4

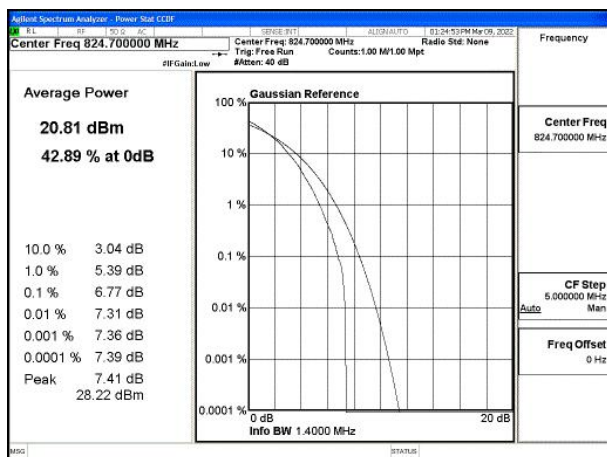


Fig.5

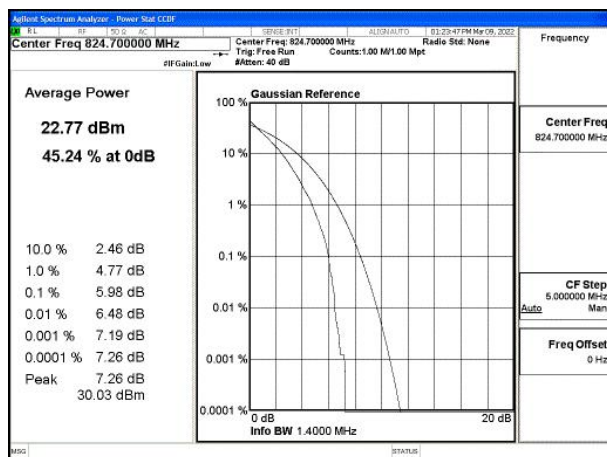


Fig.6

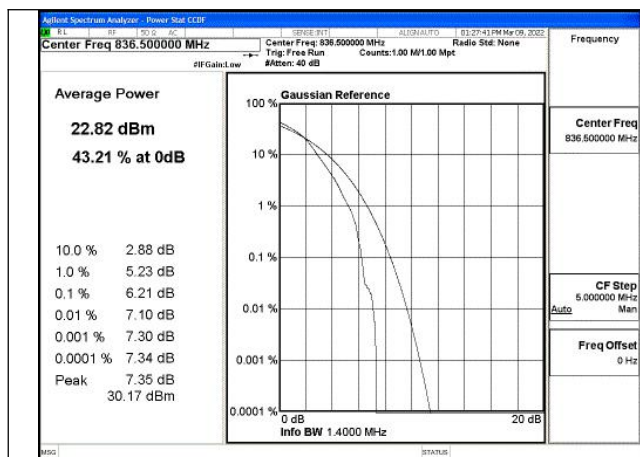


Fig.7

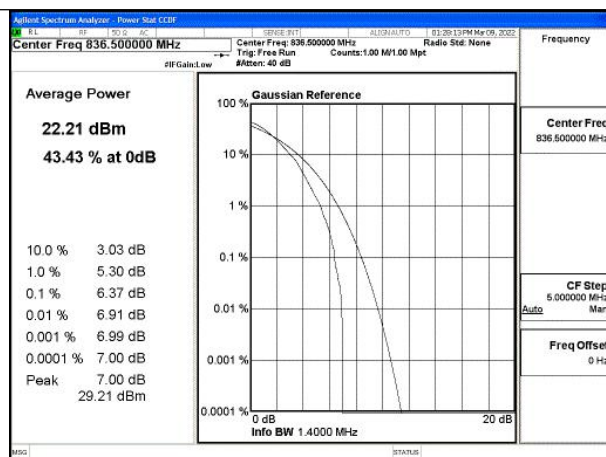


Fig.8

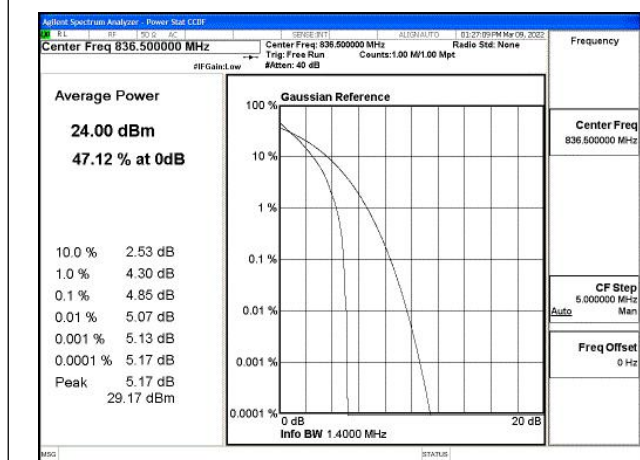


Fig.9

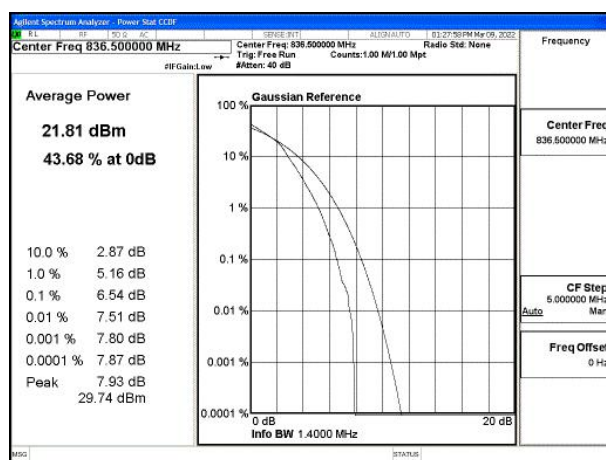


Fig.10

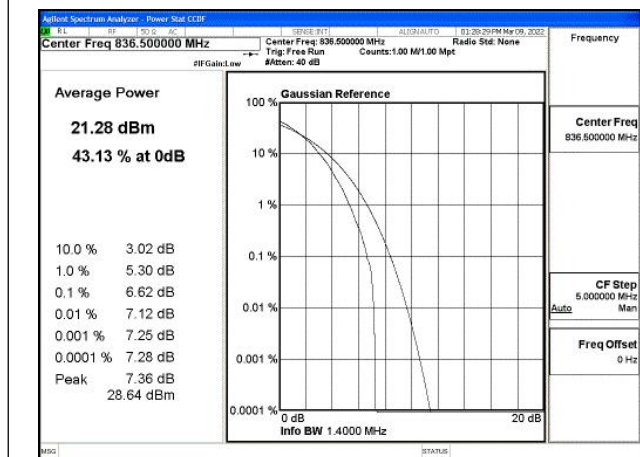


Fig.11

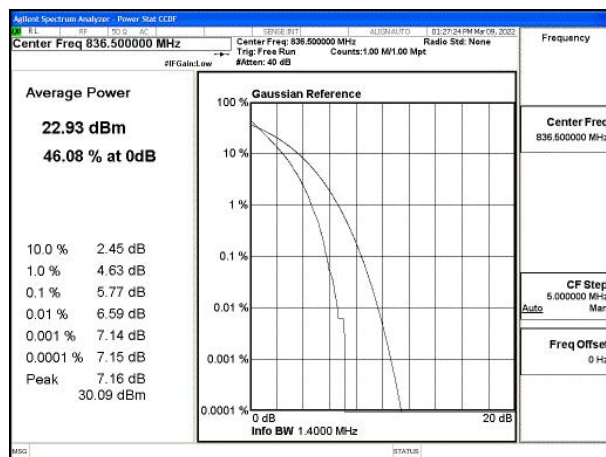


Fig.12

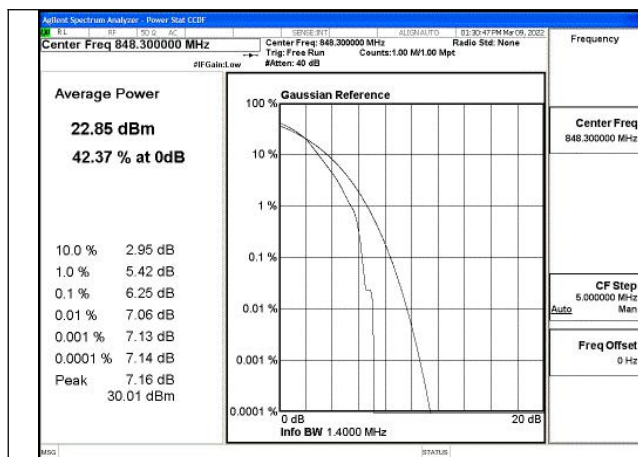


Fig.13

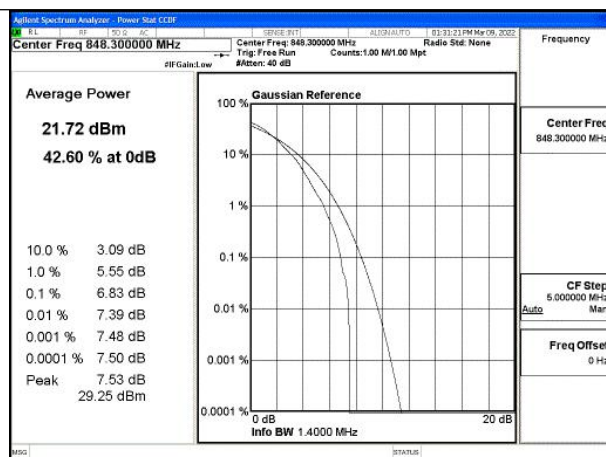


Fig.14

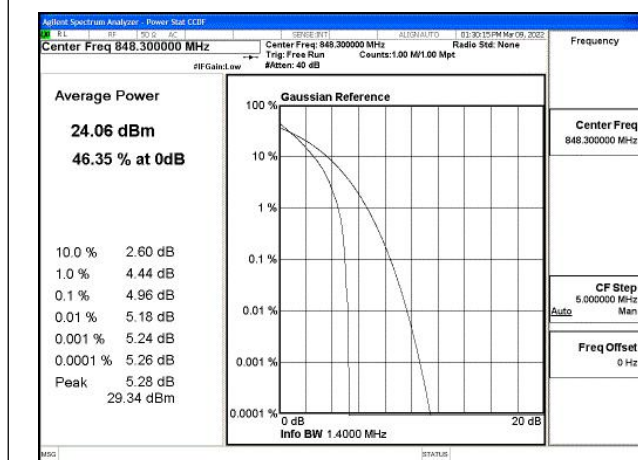


Fig.15

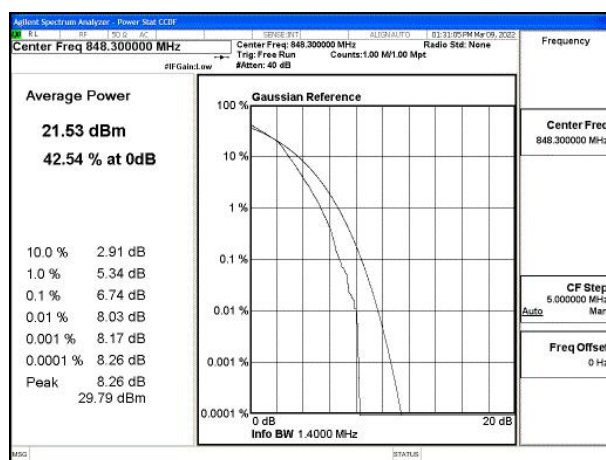


Fig.16

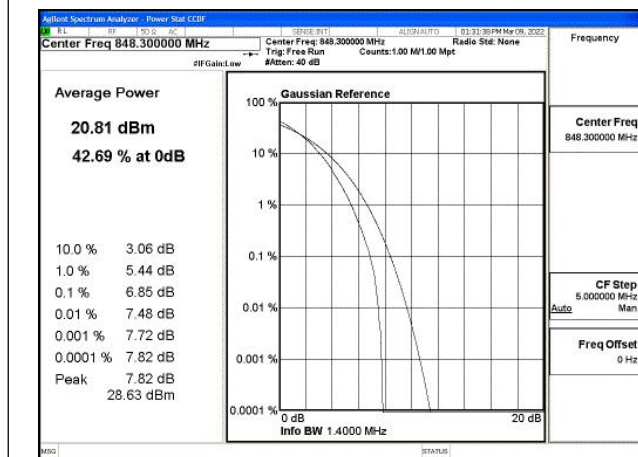


Fig.17

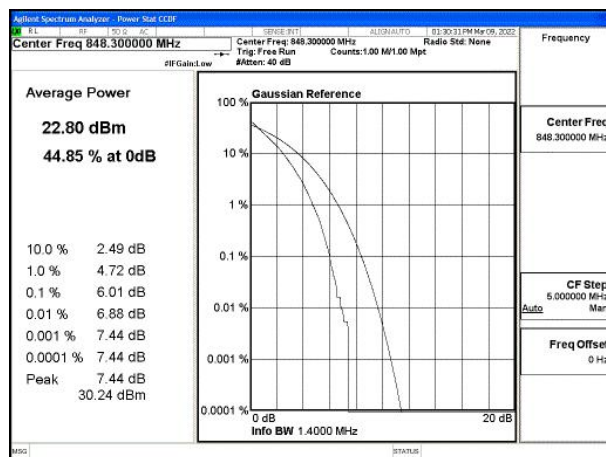


Fig.18

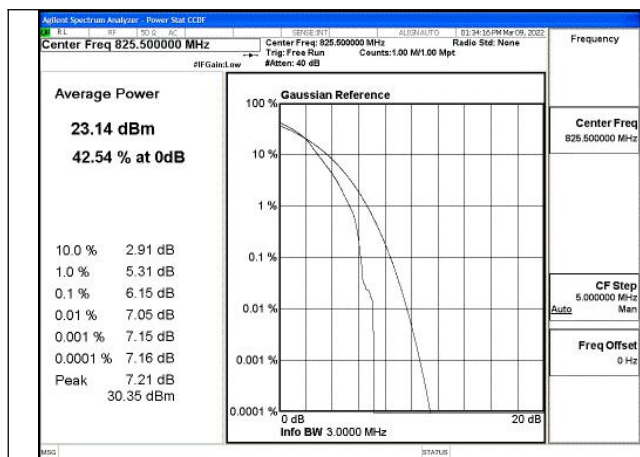


Fig.19

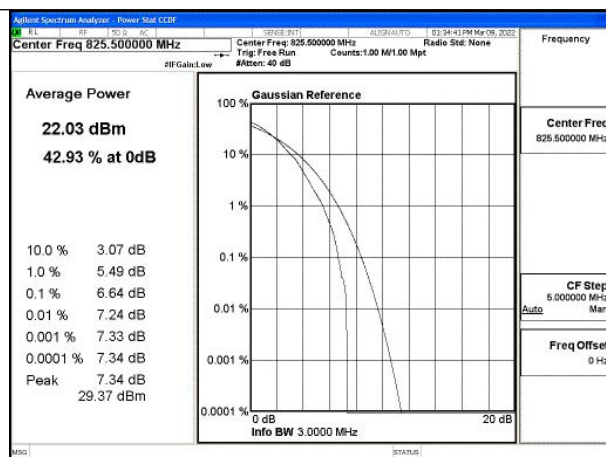


Fig.20

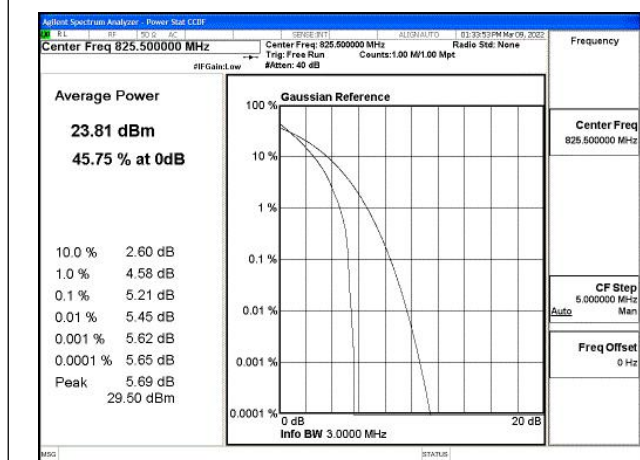


Fig.21

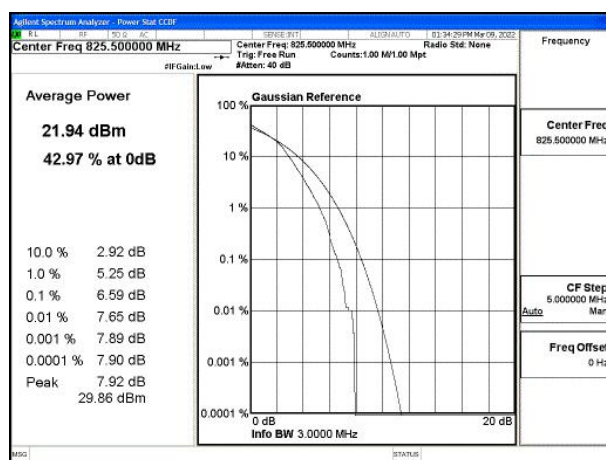


Fig.22

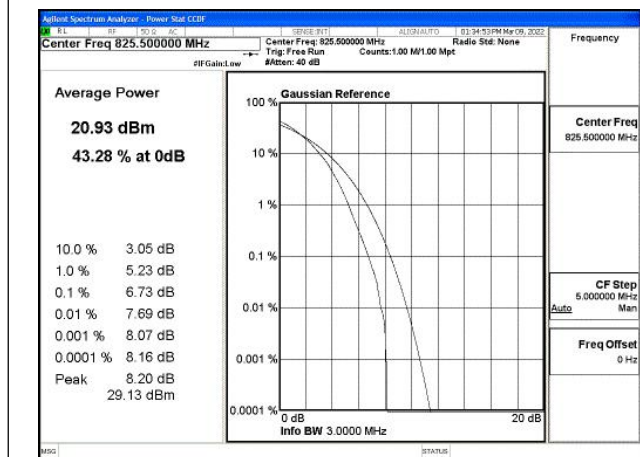


Fig.23

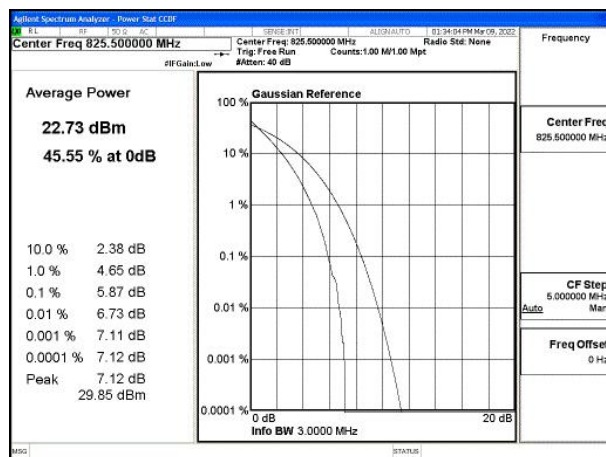


Fig.24

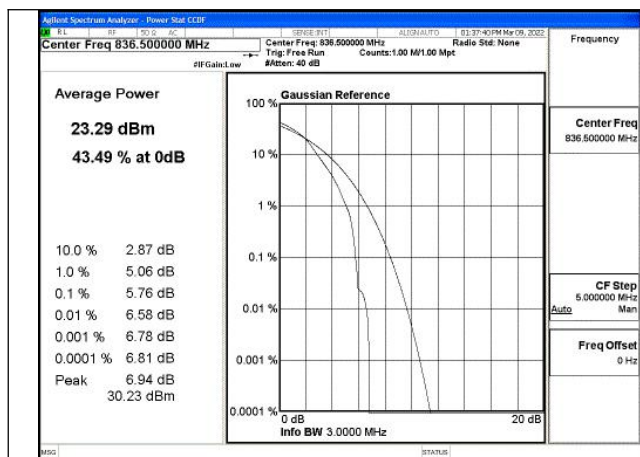


Fig.25

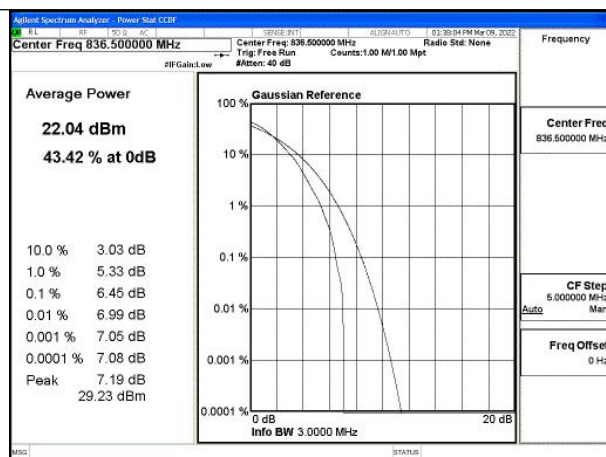


Fig.26

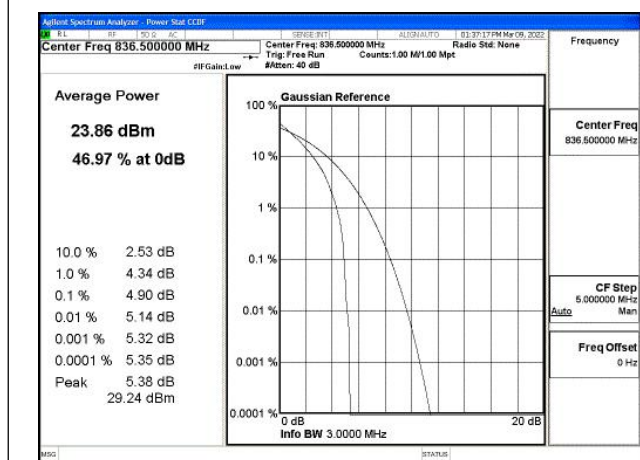


Fig.27

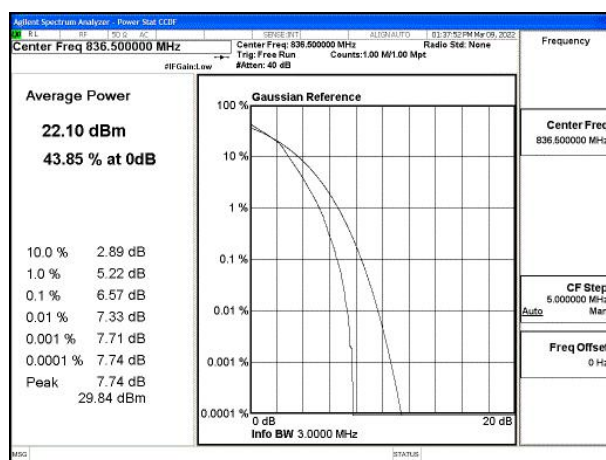


Fig.28

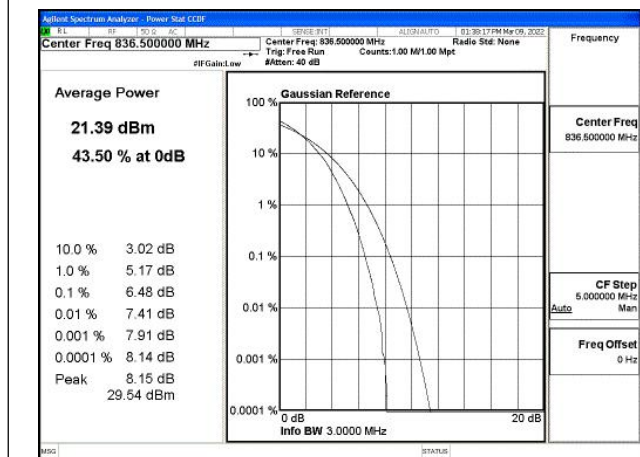


Fig.29

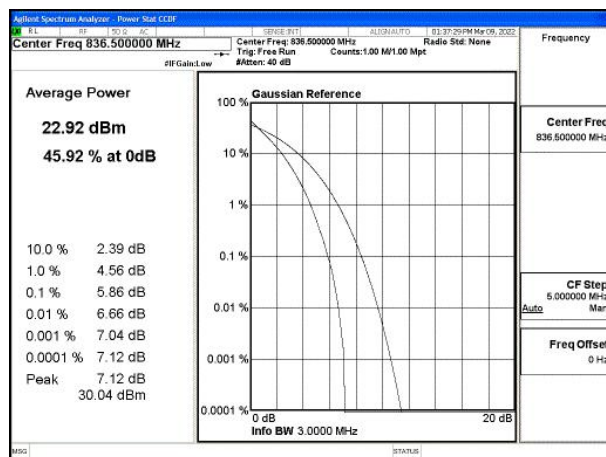


Fig.30

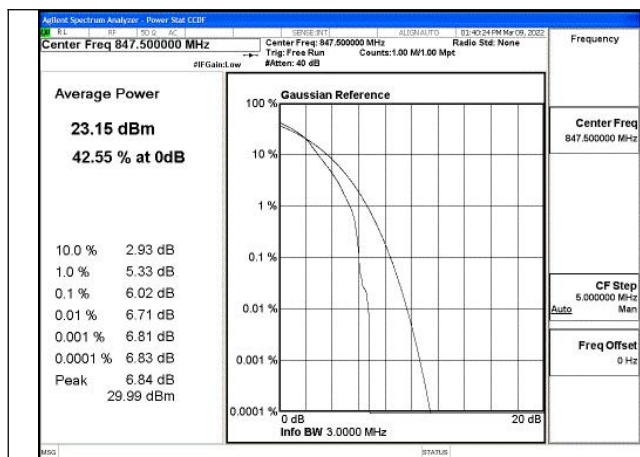


Fig.31

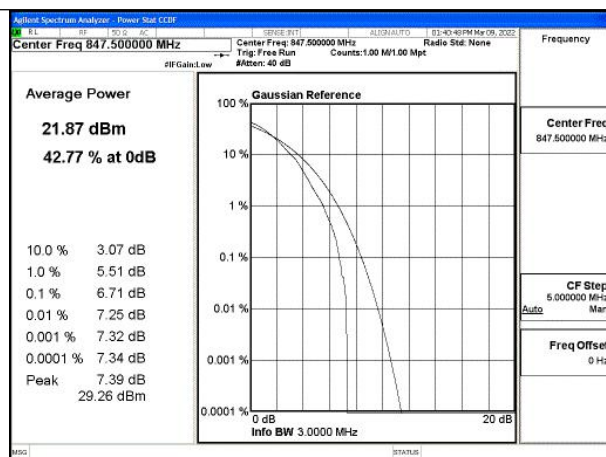


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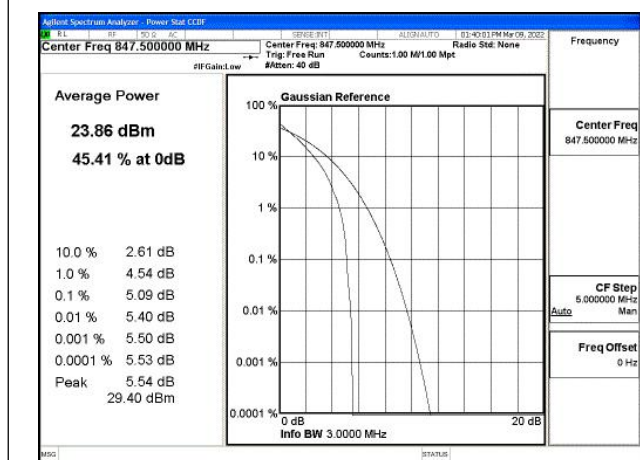


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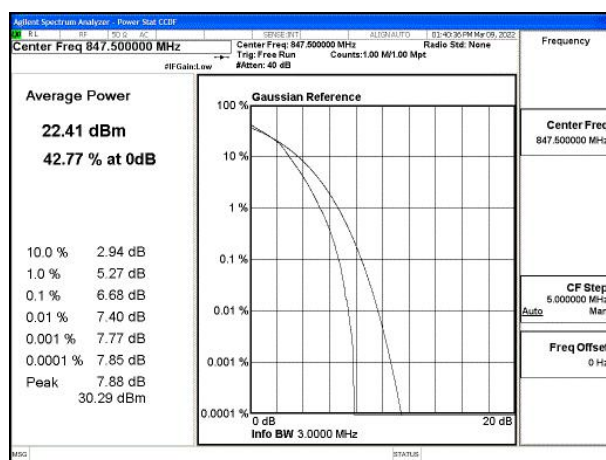


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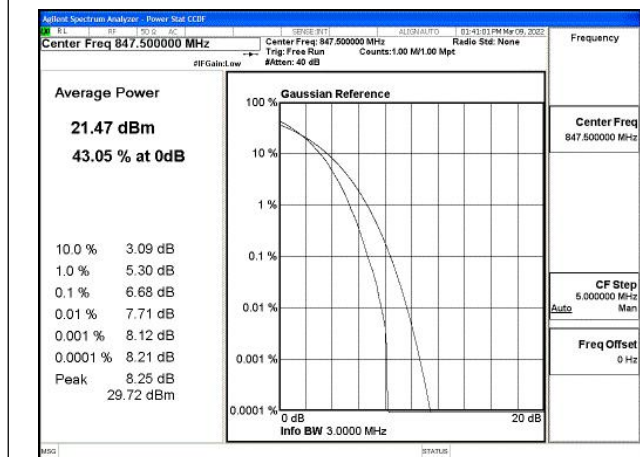


Fig.35

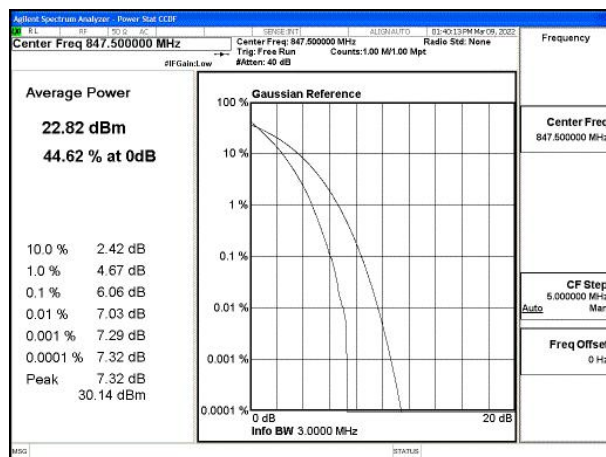


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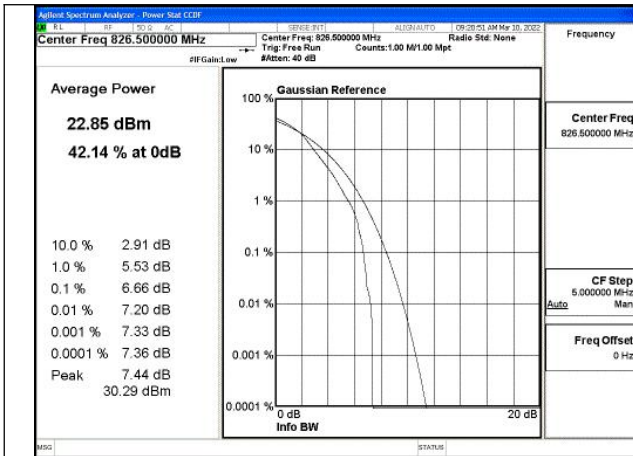


Fig.37

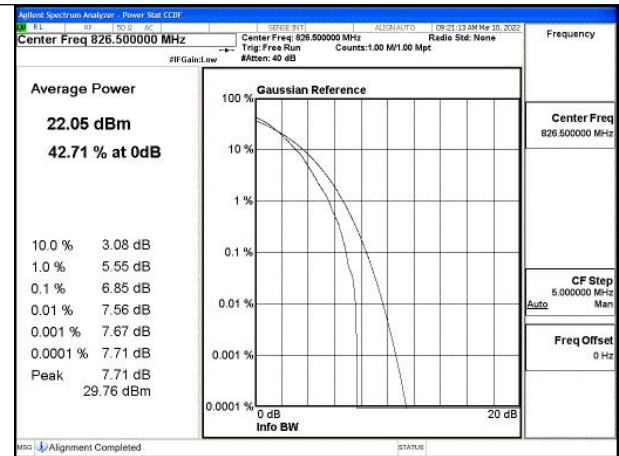


Fig.38

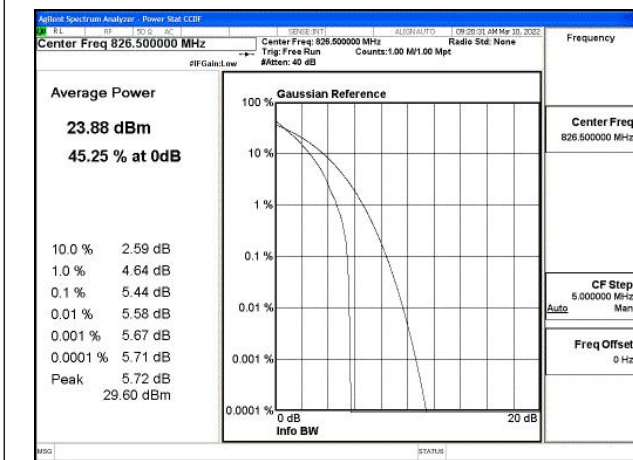


Fig.39

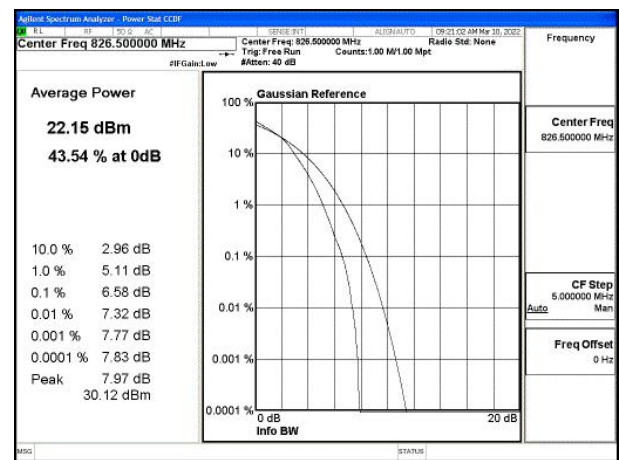


Fig.40

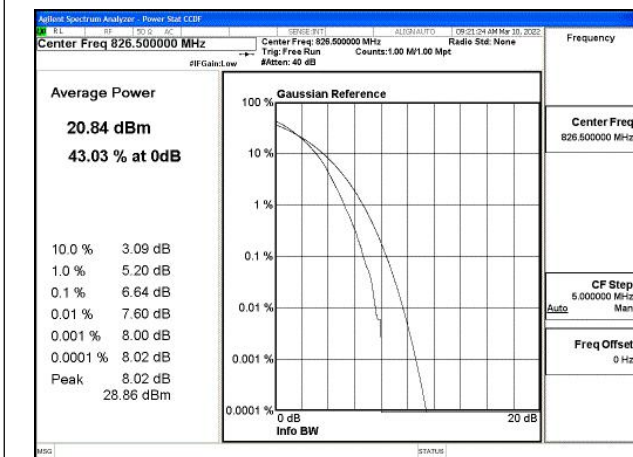


Fig.41

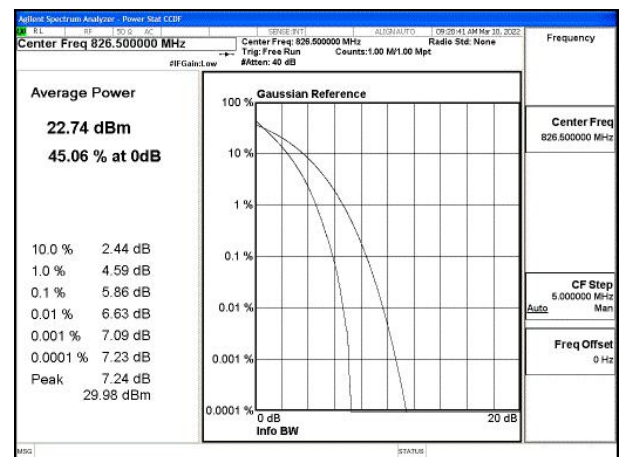


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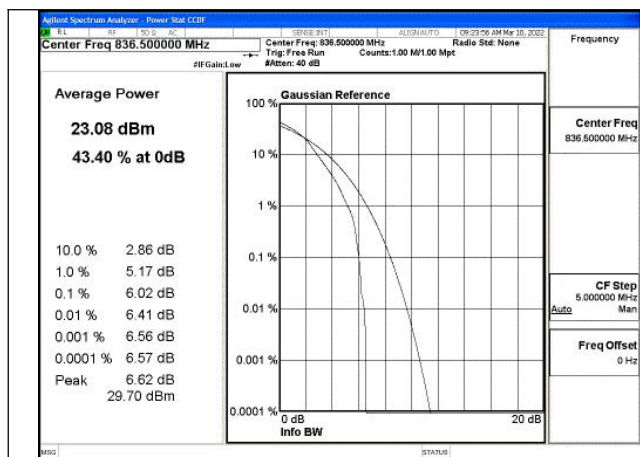


Fig.43

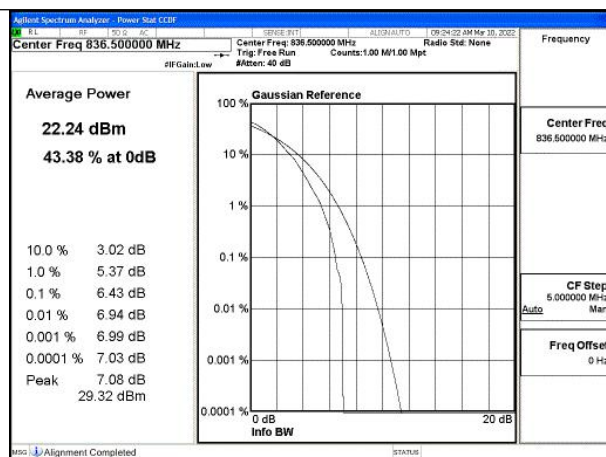


Fig.44

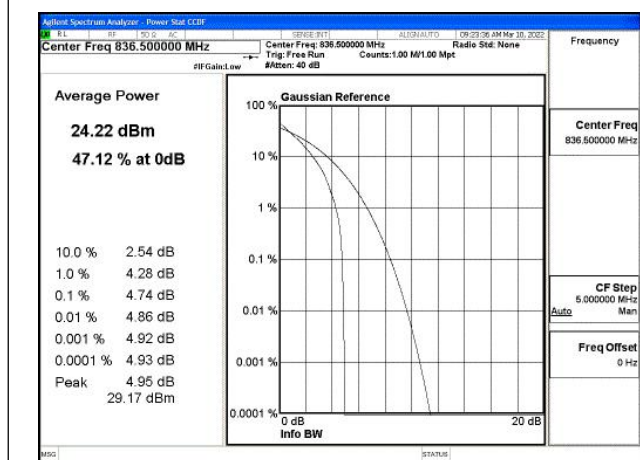


Fig.45

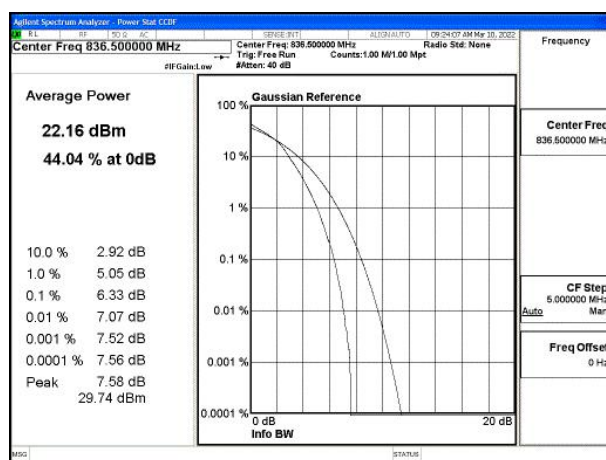


Fig.46

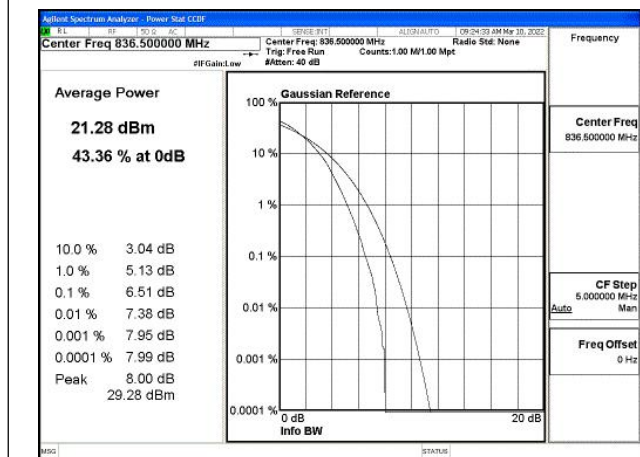


Fig.47

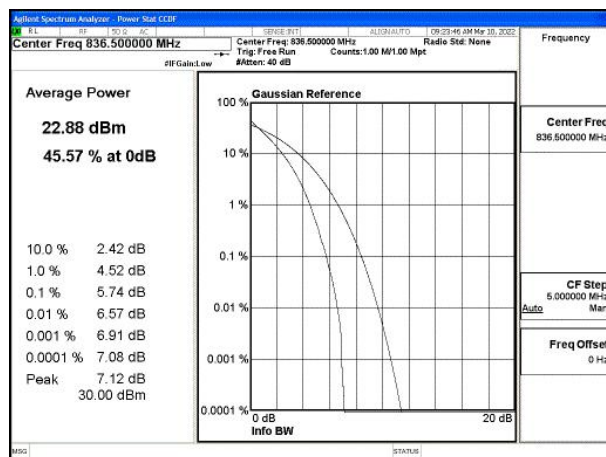


Fig.48

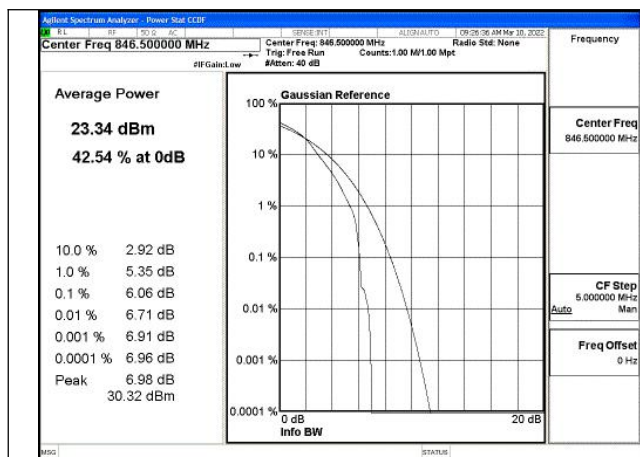


Fig.49

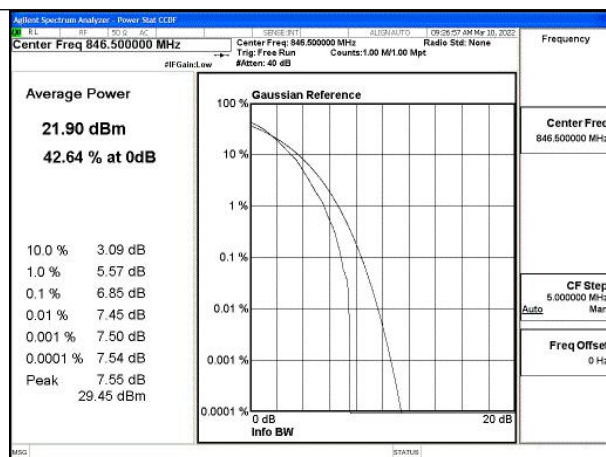


Fig.50

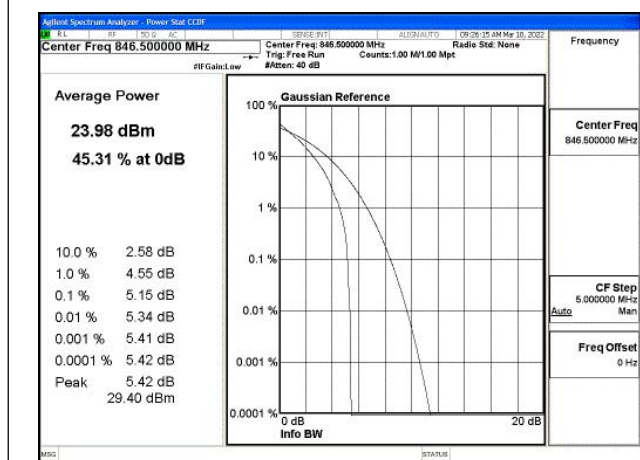


Fig.51

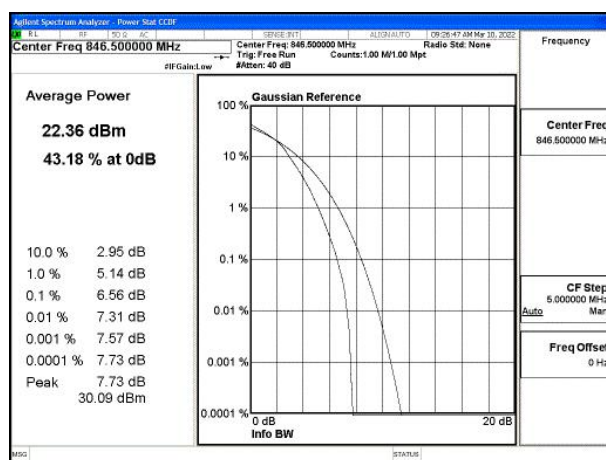


Fig.52

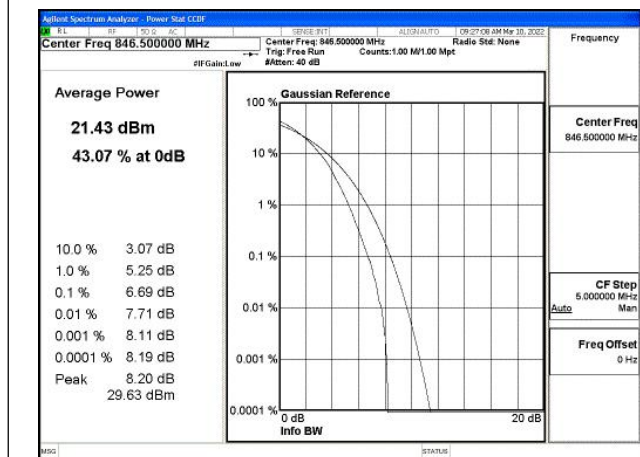


Fig.53

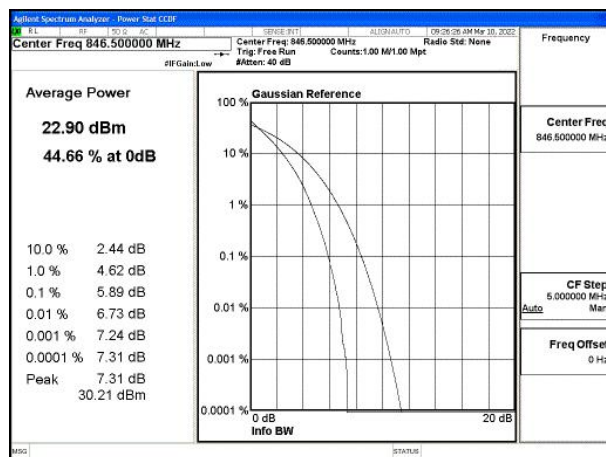


Fig.54

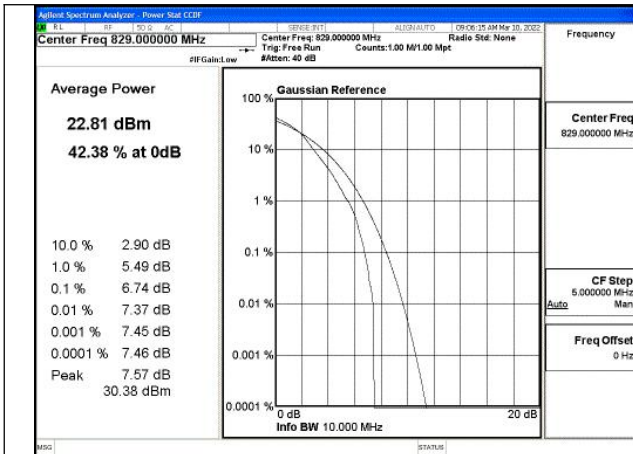


Fig.55

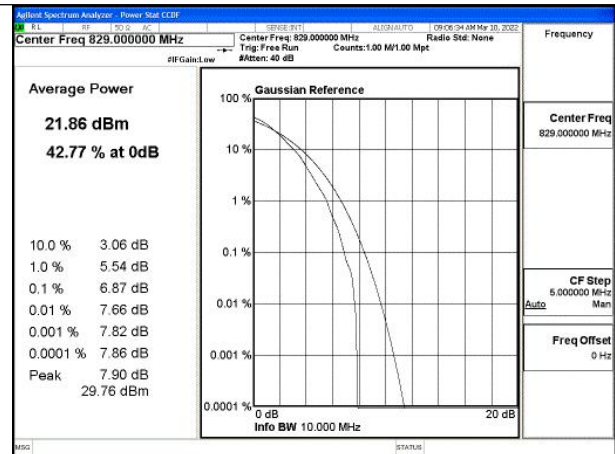


Fig.56

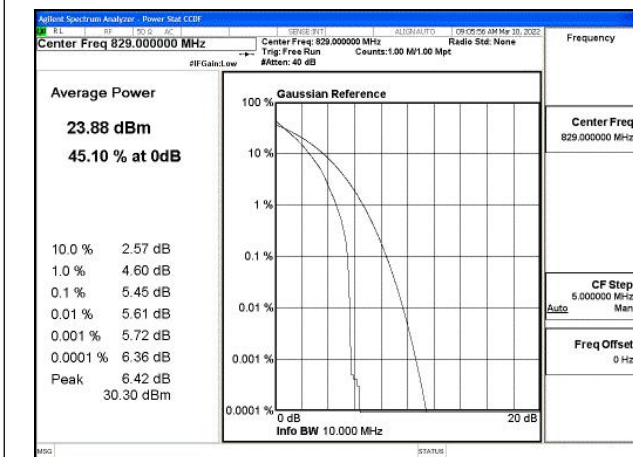


Fig.57

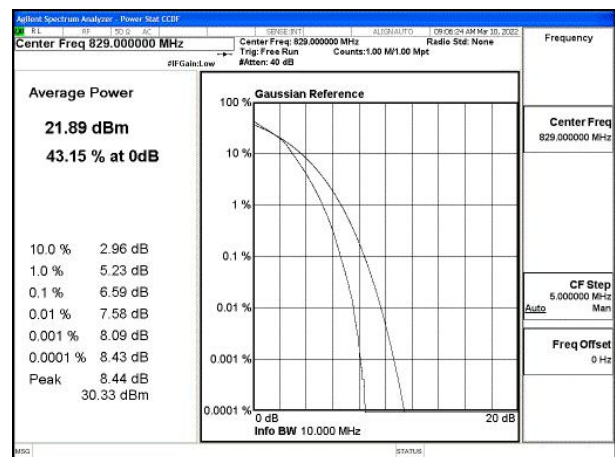


Fig.58

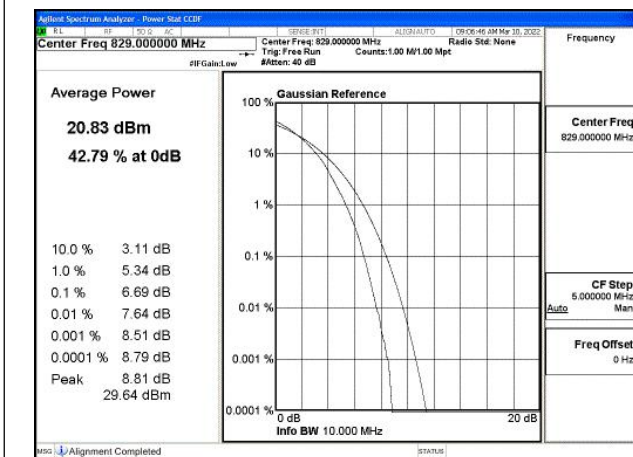


Fig.59

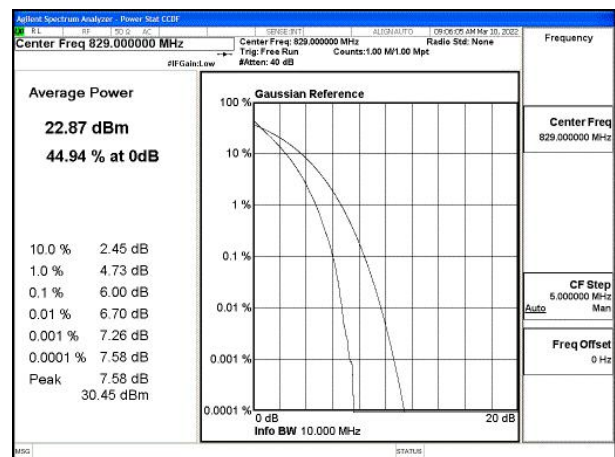


Fig.60

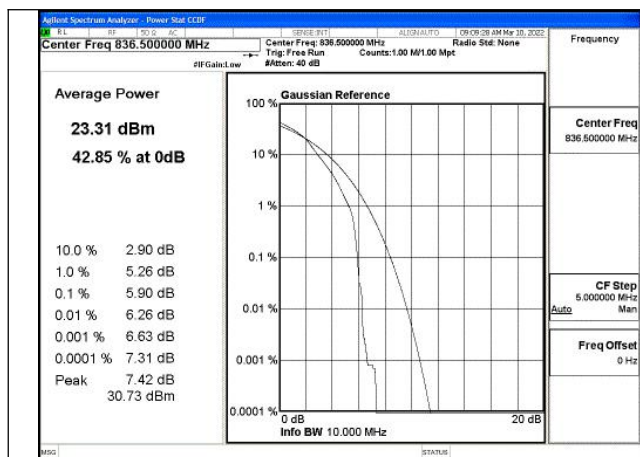


Fig.61

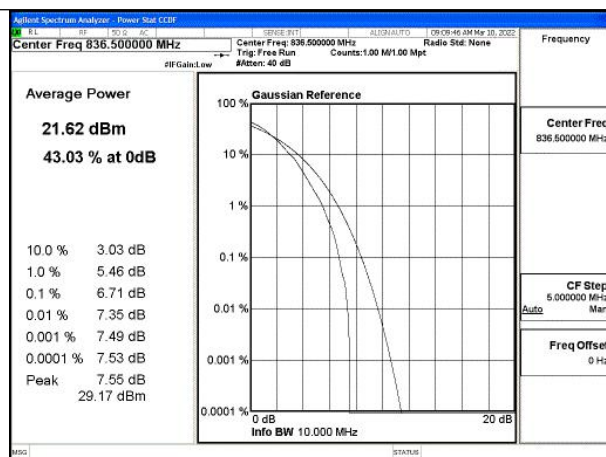


Fig.62

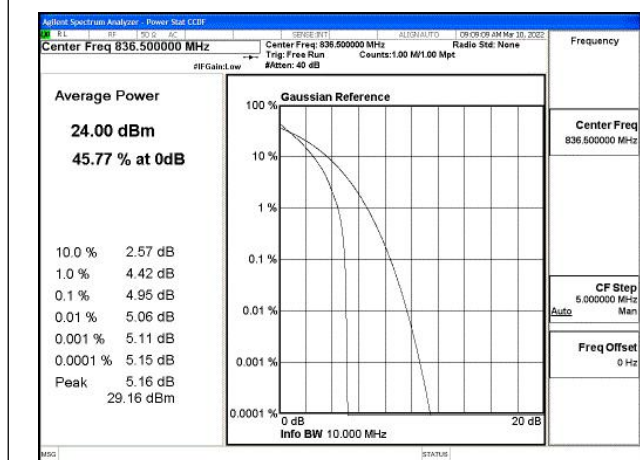


Fig.63

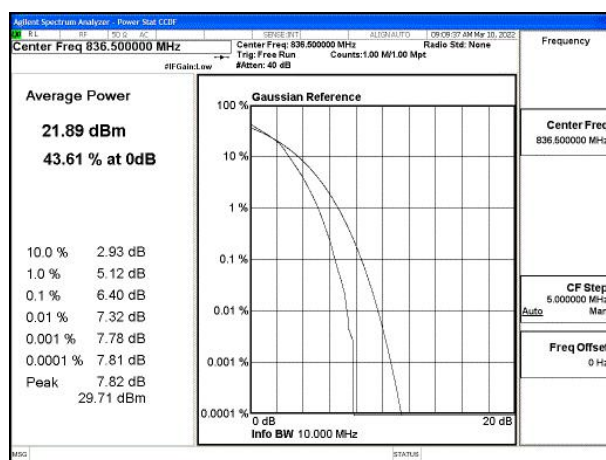


Fig.64

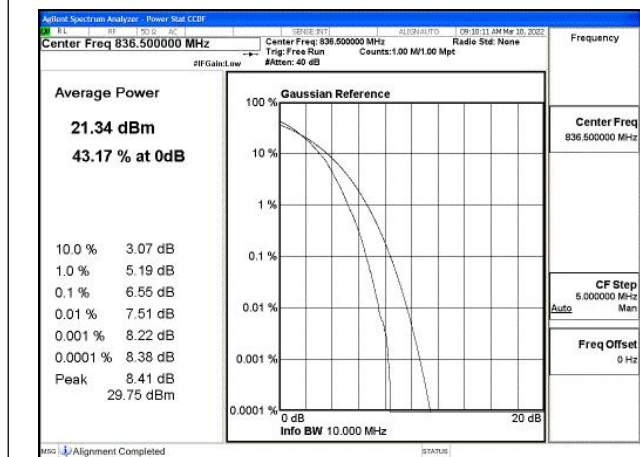


Fig.65

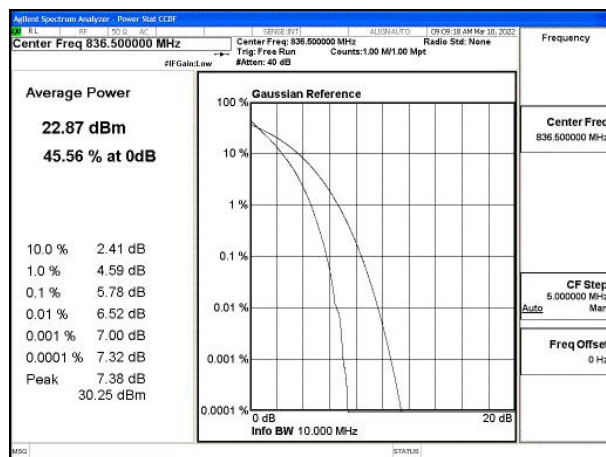


Fig.66

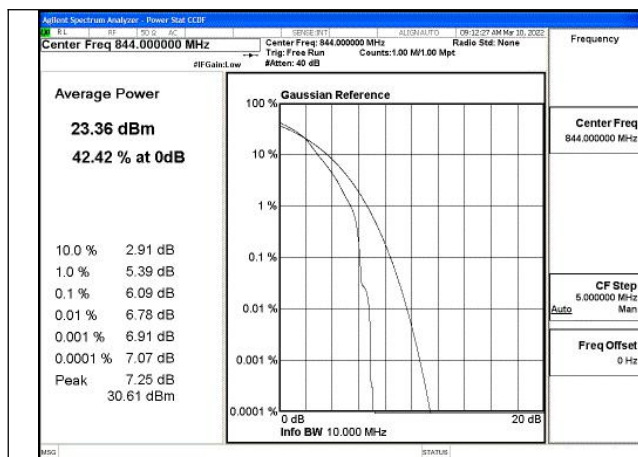


Fig.67

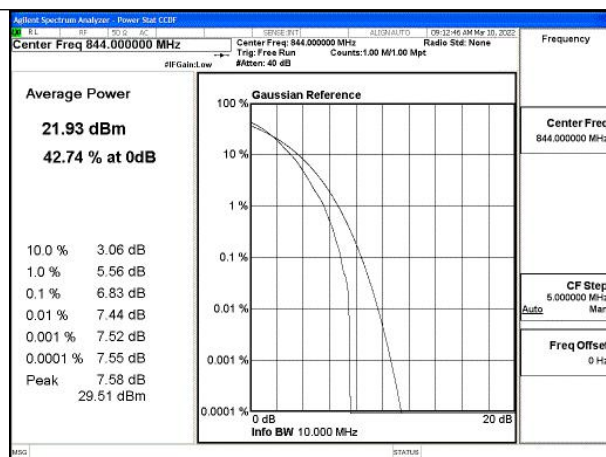


Fig.68

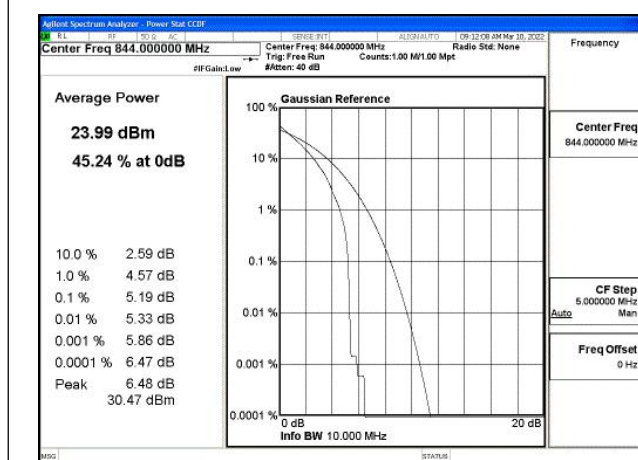


Fig.69

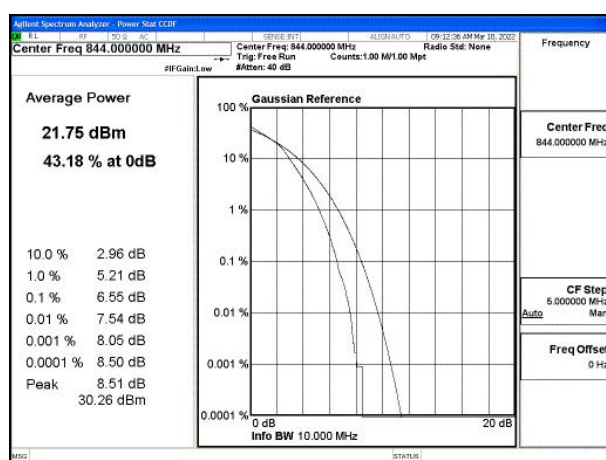


Fig.70

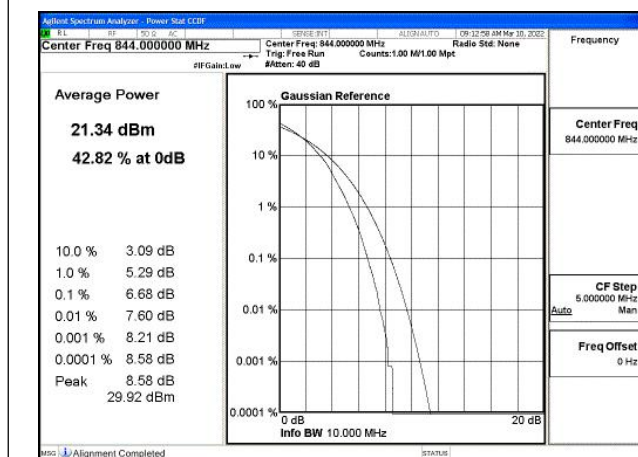


Fig.71

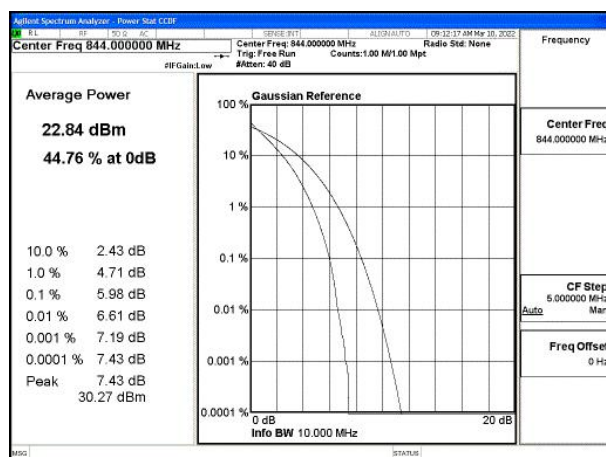


Fig.72

## 5 Spurious Emissions at antenna terminal

| Band | Carrier frequency (MHz) | Channel | BW | RB Size | RB Offset | Conducted Spurious Plot |
|------|-------------------------|---------|----|---------|-----------|-------------------------|
|      |                         |         |    |         |           | QPSK                    |
| 5    | 829                     | 20450   | 10 | 1       | 0         | Fig.1                   |
| 5    | 836.5                   | 20525   | 10 | 1       | 0         | Fig.2                   |
| 5    | 844                     | 20600   | 10 | 1       | 0         | Fig.3                   |

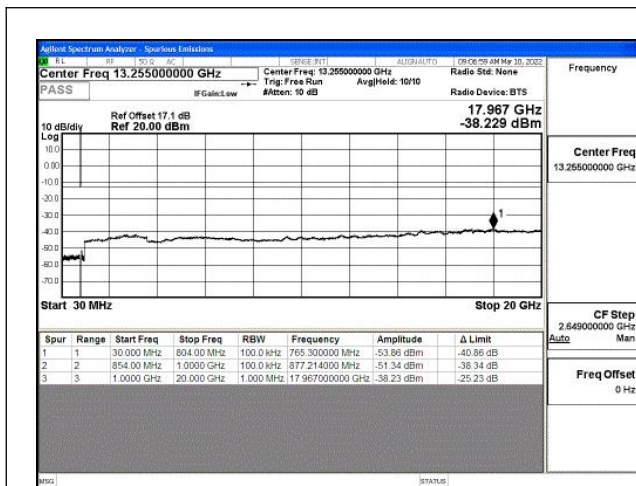


Fig.1

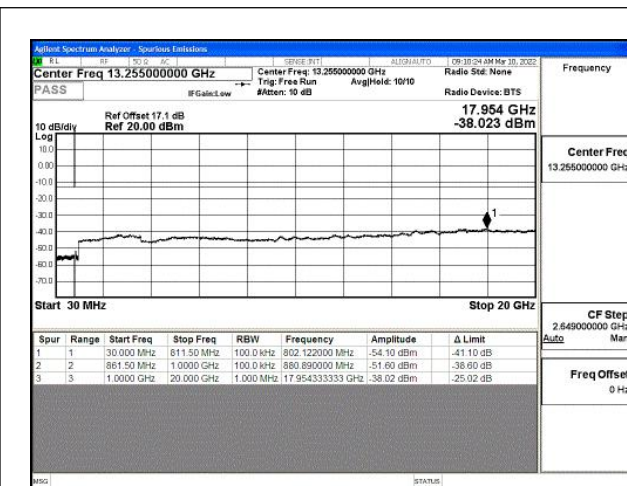


Fig.2

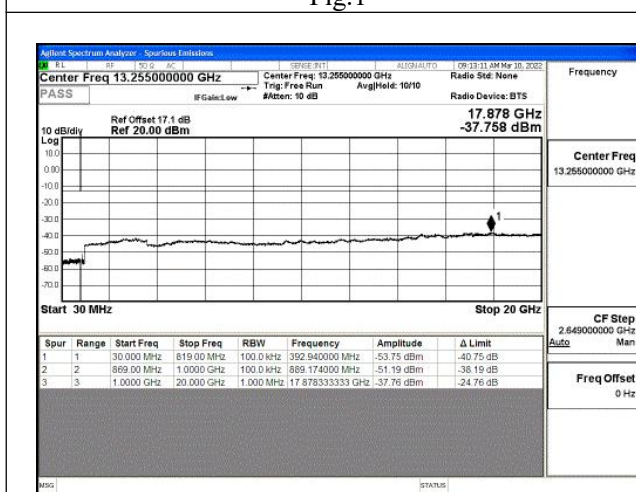


Fig.3

## 6 Band Edges Compliance

| Band | Mode | Carrier frequency (MHz) | Channel | BW  | RB Size | RB Offset | Band Edges Plot |
|------|------|-------------------------|---------|-----|---------|-----------|-----------------|
| 5    | QPSK | 824.7                   | 20407   | 1.4 | 1       | 0         | Fig.1           |
| 5    | QPSK | 824.7                   | 20407   | 1.4 | 6       | 0         | Fig.2           |
| 5    | QPSK | 848.3                   | 20643   | 1.4 | 1       | 5         | Fig.3           |
| 5    | QPSK | 848.3                   | 20643   | 1.4 | 6       | 0         | Fig.4           |
| 5    | QPSK | 825.5                   | 20415   | 3   | 1       | 0         | Fig.5           |
| 5    | QPSK | 825.5                   | 20415   | 3   | 15      | 0         | Fig.6           |
| 5    | QPSK | 847.5                   | 20635   | 3   | 1       | 14        | Fig.7           |
| 5    | QPSK | 847.5                   | 20635   | 3   | 15      | 0         | Fig.8           |
| 5    | QPSK | 826.5                   | 20425   | 5   | 1       | 0         | Fig.9           |
| 5    | QPSK | 826.5                   | 20425   | 5   | 25      | 0         | Fig.10          |
| 5    | QPSK | 846.5                   | 20625   | 5   | 1       | 24        | Fig.11          |
| 5    | QPSK | 846.5                   | 20625   | 5   | 25      | 0         | Fig.12          |
| 5    | QPSK | 829                     | 20450   | 10  | 1       | 0         | Fig.13          |
| 5    | QPSK | 829                     | 20450   | 10  | 50      | 0         | Fig.14          |
| 5    | QPSK | 844                     | 20600   | 10  | 1       | 49        | Fig.15          |
| 5    | QPSK | 844                     | 20600   | 10  | 50      | 0         | Fig.16          |

Test Mode: QPSK

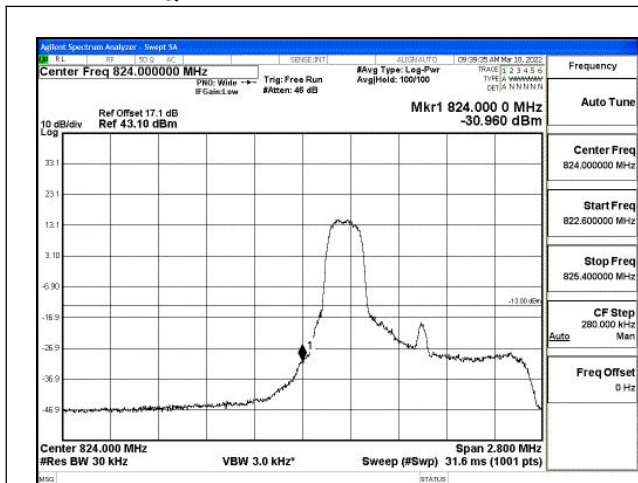


Fig.1

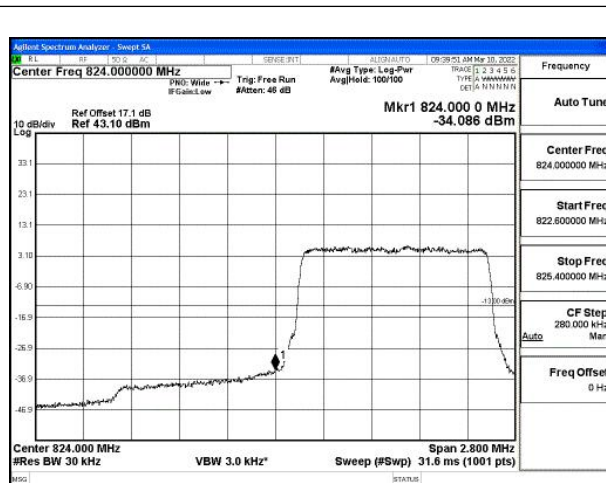


Fig.2

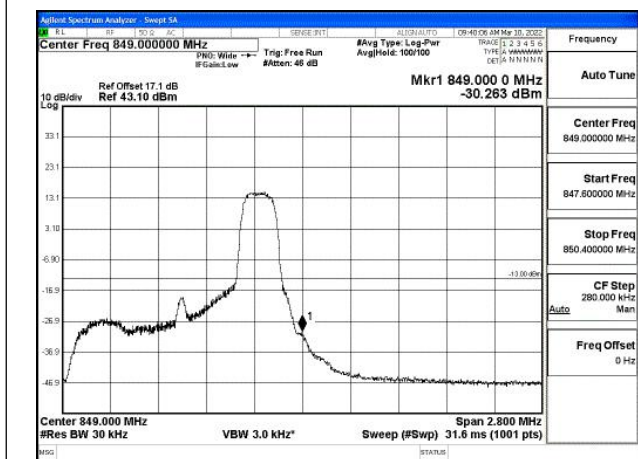


Fig.3

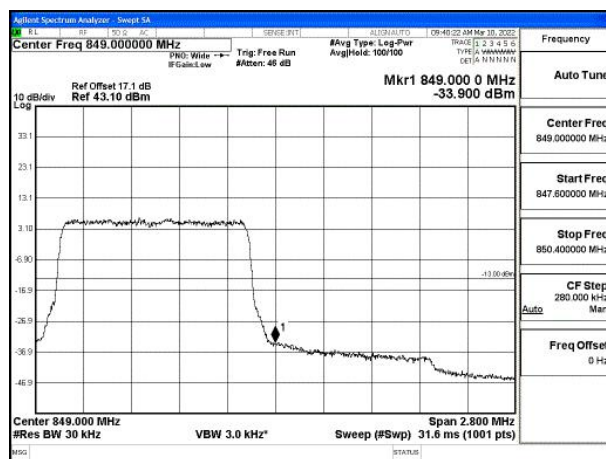


Fig.4

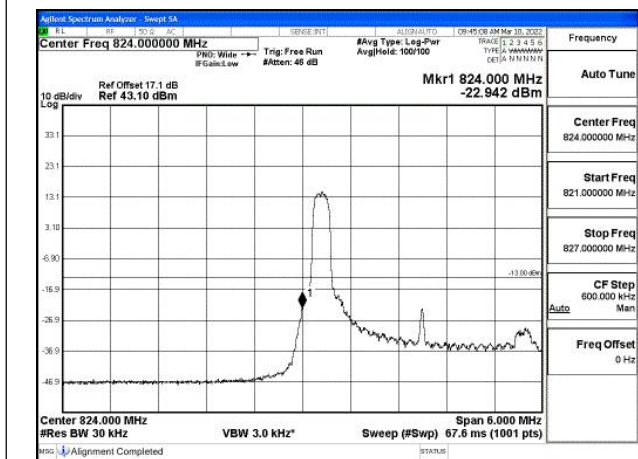


Fig.5

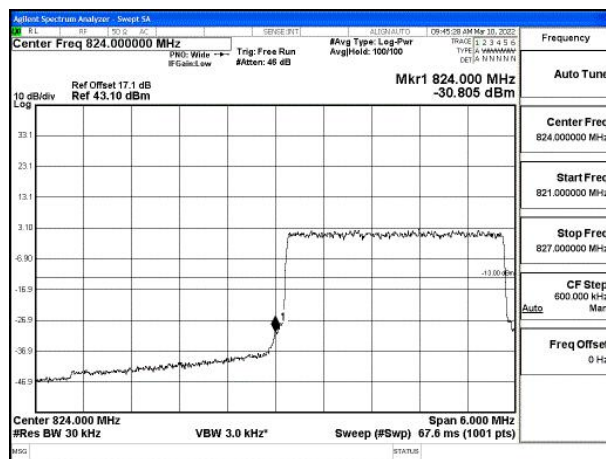


Fig.6

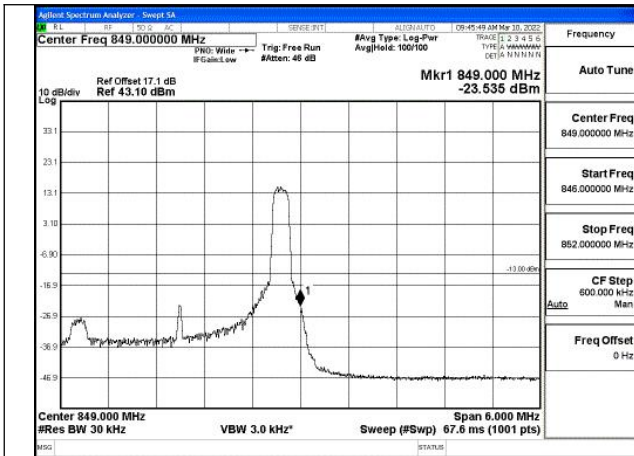


Fig.7

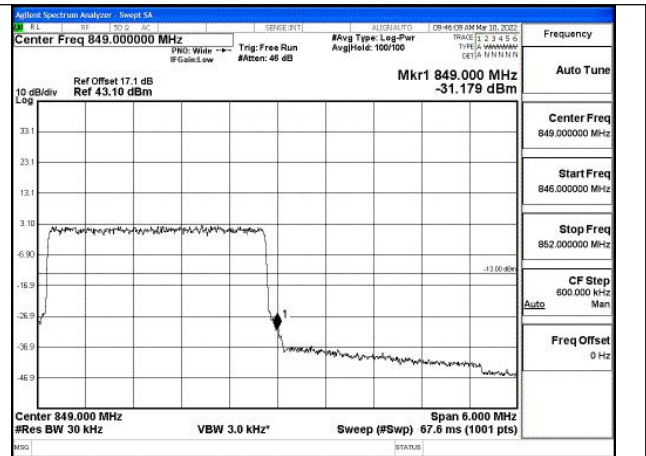


Fig.8

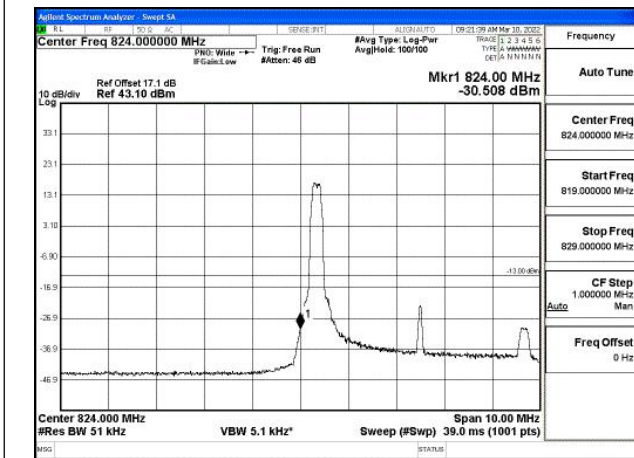


Fig.9

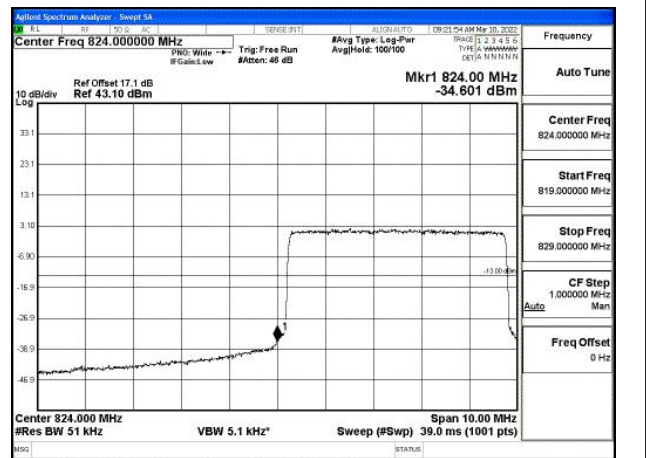


Fig.10

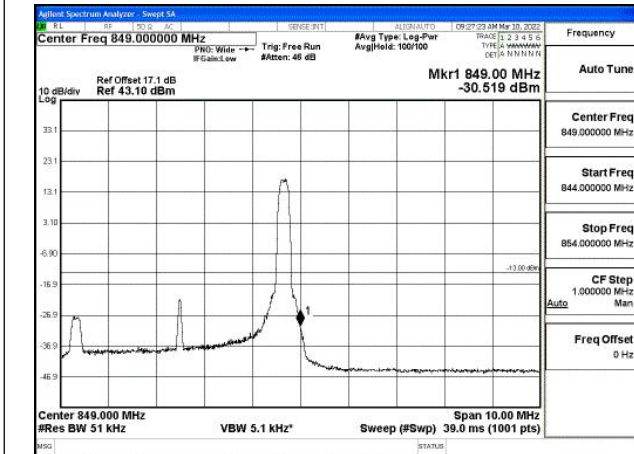


Fig.11

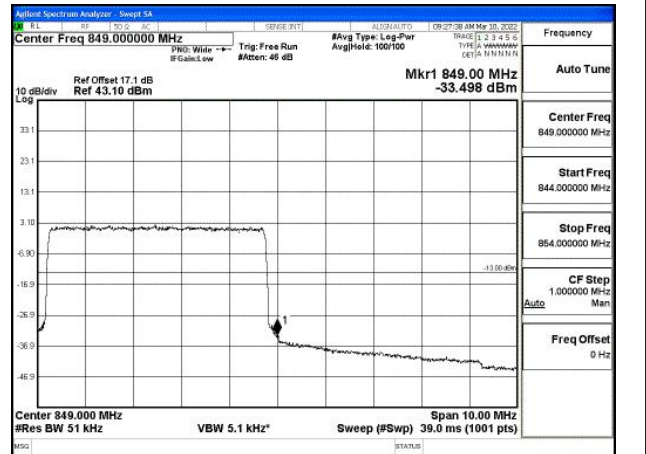


Fig.12

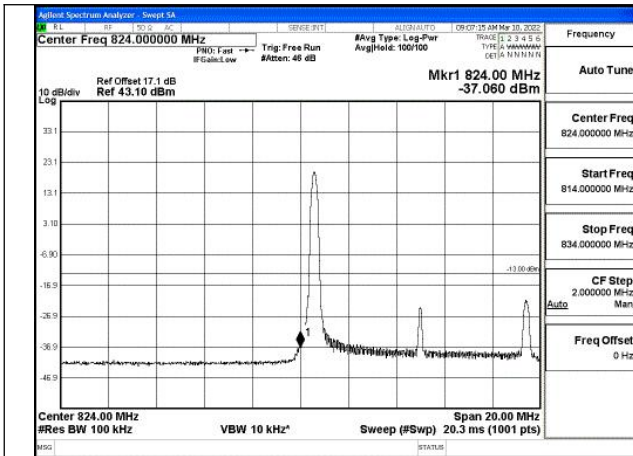


Fig.13

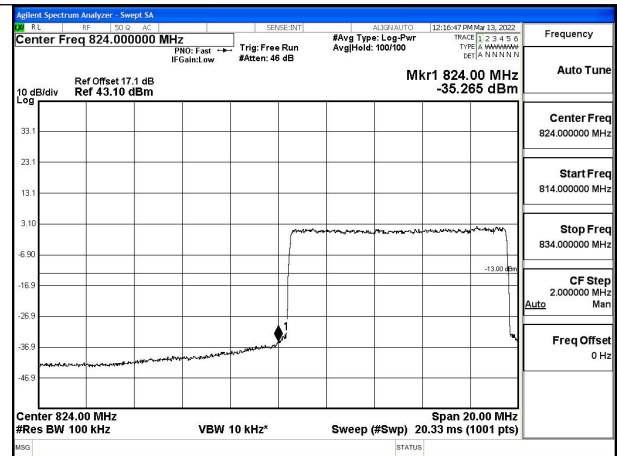


Fig.14

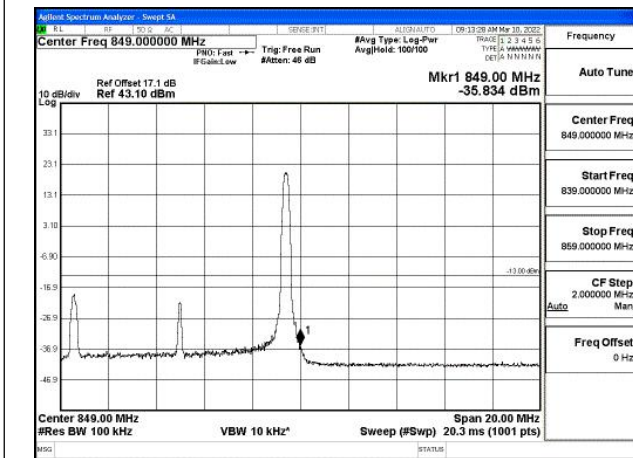


Fig.15

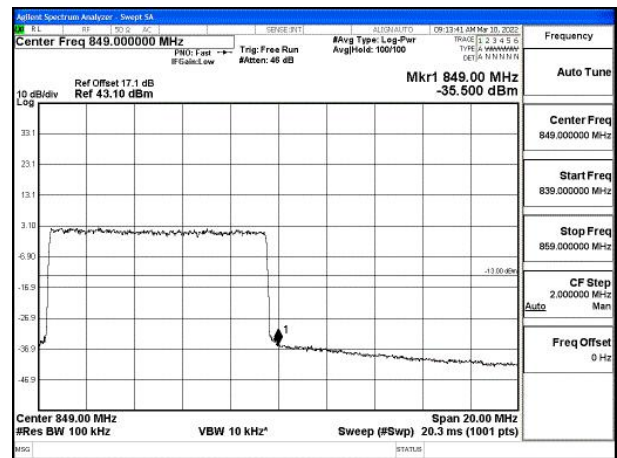


Fig.16

## 7 Frequency Stability

| Temperature(°C) | Voltage | Test Result (ppm) Band 5 Low Channel QPSK |        |        |        |
|-----------------|---------|-------------------------------------------|--------|--------|--------|
|                 |         | 1.4M                                      | 3M     | 5M     | 10M    |
| -10             | NV      | 0.017                                     | 0.051  | -0.019 | -0.025 |
| 0               | NV      | -0.042                                    | -0.061 | -0.013 | -0.016 |
| +10             | NV      | -0.058                                    | -0.063 | -0.029 | 0.038  |
| +20             | NV      | -0.037                                    | -0.029 | -0.026 | -0.045 |
| +30             | NV      | -0.035                                    | -0.053 | -0.045 | 0.019  |
| +40             | NV      | -0.046                                    | -0.045 | -0.046 | -0.038 |
| +55             | NV      | -0.050                                    | -0.024 | 0.008  | -0.008 |
| +20             | LV      | -0.040                                    | -0.054 | -0.049 | -0.027 |
| +20             | HV      | -0.041                                    | -0.027 | -0.009 | -0.046 |

| Temperature(°C) | Voltage | Test Result (ppm) Band 5 High Channel QPSK |        |        |        |
|-----------------|---------|--------------------------------------------|--------|--------|--------|
|                 |         | 1.4M                                       | 3M     | 5M     | 10M    |
| -10             | NV      | -0.032                                     | 0.034  | -0.008 | -0.013 |
| 0               | NV      | -0.032                                     | -0.048 | -0.046 | -0.039 |
| +10             | NV      | -0.058                                     | -0.032 | -0.032 | -0.021 |
| +20             | NV      | -0.027                                     | -0.040 | -0.058 | -0.006 |
| +30             | NV      | -0.008                                     | -0.036 | -0.035 | -0.027 |
| +40             | NV      | -0.046                                     | -0.042 | -0.028 | -0.005 |
| +55             | NV      | 0.001                                      | 0.001  | 0.006  | 0.005  |
| +20             | LV      | -0.058                                     | -0.044 | -0.035 | -0.050 |
| +20             | HV      | -0.035                                     | -0.043 | -0.051 | -0.032 |

## 8 Effective Radiated Power and Effective Isotropic Radiated Power

| Modulation | Carrier frequency (MHz) | UL Channel | BW  | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|-----|---------|-----------|-----------------------|-----------------|---------------|
| 16QAM      | 824.7                   | 20407      | 1.4 | 1       | 0         | 22.08                 | 16.43           | 0.044         |
| 16QAM      | 824.7                   | 20407      | 1.4 | 1       | 3         | 22.31                 | 16.66           | 0.046         |
| 16QAM      | 824.7                   | 20407      | 1.4 | 1       | 5         | 22.00                 | 16.35           | 0.043         |
| 16QAM      | 824.7                   | 20407      | 1.4 | 3       | 0         | 22.56                 | 16.91           | 0.049         |
| 16QAM      | 824.7                   | 20407      | 1.4 | 3       | 1         | 22.49                 | 16.84           | 0.048         |
| 16QAM      | 824.7                   | 20407      | 1.4 | 3       | 3         | 22.49                 | 16.84           | 0.048         |
| 16QAM      | 824.7                   | 20407      | 1.4 | 6       | 0         | 21.34                 | 15.69           | 0.037         |
| 16QAM      | 836.5                   | 20525      | 1.4 | 1       | 0         | 23.43                 | 17.78           | 0.060         |
| 16QAM      | 836.5                   | 20525      | 1.4 | 1       | 3         | 23.07                 | 17.42           | 0.055         |
| 16QAM      | 836.5                   | 20525      | 1.4 | 1       | 5         | 22.90                 | 17.25           | 0.053         |
| 16QAM      | 836.5                   | 20525      | 1.4 | 3       | 0         | 22.90                 | 17.25           | 0.053         |
| 16QAM      | 836.5                   | 20525      | 1.4 | 3       | 1         | 23.00                 | 17.35           | 0.054         |
| 16QAM      | 836.5                   | 20525      | 1.4 | 3       | 3         | 22.87                 | 17.22           | 0.053         |
| 16QAM      | 836.5                   | 20525      | 1.4 | 6       | 0         | 21.57                 | 15.92           | 0.039         |
| 16QAM      | 848.3                   | 20643      | 1.4 | 1       | 0         | 22.35                 | 16.70           | 0.047         |
| 16QAM      | 848.3                   | 20643      | 1.4 | 1       | 3         | 22.85                 | 17.20           | 0.052         |
| 16QAM      | 848.3                   | 20643      | 1.4 | 1       | 5         | 22.26                 | 16.61           | 0.046         |
| 16QAM      | 848.3                   | 20643      | 1.4 | 3       | 0         | 22.83                 | 17.18           | 0.052         |
| 16QAM      | 848.3                   | 20643      | 1.4 | 3       | 1         | 22.78                 | 17.13           | 0.052         |
| 16QAM      | 848.3                   | 20643      | 1.4 | 3       | 3         | 22.81                 | 17.16           | 0.052         |
| 16QAM      | 848.3                   | 20643      | 1.4 | 6       | 0         | 21.47                 | 15.82           | 0.038         |
| 64QAM      | 824.7                   | 20407      | 1.4 | 1       | 0         | 21.70                 | 16.05           | 0.040         |
| 64QAM      | 824.7                   | 20407      | 1.4 | 1       | 3         | 21.68                 | 16.03           | 0.040         |
| 64QAM      | 824.7                   | 20407      | 1.4 | 1       | 5         | 21.54                 | 15.89           | 0.039         |
| 64QAM      | 824.7                   | 20407      | 1.4 | 3       | 0         | 21.52                 | 15.87           | 0.039         |
| 64QAM      | 824.7                   | 20407      | 1.4 | 3       | 1         | 21.72                 | 16.07           | 0.040         |
| 64QAM      | 824.7                   | 20407      | 1.4 | 3       | 3         | 21.30                 | 15.65           | 0.037         |
| 64QAM      | 824.7                   | 20407      | 1.4 | 6       | 0         | 20.70                 | 15.05           | 0.032         |
| 64QAM      | 836.5                   | 20525      | 1.4 | 1       | 0         | 21.78                 | 16.13           | 0.041         |
| 64QAM      | 836.5                   | 20525      | 1.4 | 1       | 3         | 21.73                 | 16.08           | 0.041         |
| 64QAM      | 836.5                   | 20525      | 1.4 | 1       | 5         | 21.85                 | 16.20           | 0.042         |
| 64QAM      | 836.5                   | 20525      | 1.4 | 3       | 0         | 21.60                 | 15.95           | 0.039         |
| 64QAM      | 836.5                   | 20525      | 1.4 | 3       | 1         | 21.60                 | 15.95           | 0.039         |
| 64QAM      | 836.5                   | 20525      | 1.4 | 3       | 3         | 21.56                 | 15.91           | 0.039         |
| 64QAM      | 836.5                   | 20525      | 1.4 | 6       | 0         | 21.16                 | 15.51           | 0.036         |
| 64QAM      | 848.3                   | 20643      | 1.4 | 1       | 0         | 22.58                 | 16.93           | 0.049         |
| 64QAM      | 848.3                   | 20643      | 1.4 | 1       | 3         | 21.87                 | 16.22           | 0.042         |
| 64QAM      | 848.3                   | 20643      | 1.4 | 1       | 5         | 22.21                 | 16.56           | 0.045         |
| 64QAM      | 848.3                   | 20643      | 1.4 | 3       | 0         | 22.09                 | 16.44           | 0.044         |
| 64QAM      | 848.3                   | 20643      | 1.4 | 3       | 1         | 21.47                 | 15.82           | 0.038         |
| 64QAM      | 848.3                   | 20643      | 1.4 | 3       | 3         | 21.18                 | 15.53           | 0.036         |
| 64QAM      | 848.3                   | 20643      | 1.4 | 6       | 0         | 20.43                 | 14.78           | 0.030         |

| Modulation | Carrier frequency (MHz) | UL Channel | BW  | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|-----|---------|-----------|-----------------------|-----------------|---------------|
| QPSK       | 824.7                   | 20407      | 1.4 | 1       | 0         | 23.44                 | 17.79           | 0.060         |
| QPSK       | 824.7                   | 20407      | 1.4 | 1       | 3         | 23.32                 | 17.67           | 0.058         |
| QPSK       | 824.7                   | 20407      | 1.4 | 1       | 5         | 23.32                 | 17.67           | 0.058         |
| QPSK       | 824.7                   | 20407      | 1.4 | 3       | 0         | 23.50                 | 17.85           | 0.061         |
| QPSK       | 824.7                   | 20407      | 1.4 | 3       | 1         | 23.51                 | 17.86           | 0.061         |
| QPSK       | 824.7                   | 20407      | 1.4 | 3       | 3         | 23.61                 | 17.96           | 0.063         |
| QPSK       | 824.7                   | 20407      | 1.4 | 6       | 0         | 22.74                 | 17.09           | 0.051         |
| QPSK       | 836.5                   | 20525      | 1.4 | 1       | 0         | 23.74                 | 18.09           | 0.064         |
| QPSK       | 836.5                   | 20525      | 1.4 | 1       | 3         | 23.59                 | 17.94           | 0.062         |
| QPSK       | 836.5                   | 20525      | 1.4 | 1       | 5         | 23.65                 | 18.00           | 0.063         |
| QPSK       | 836.5                   | 20525      | 1.4 | 3       | 0         | 23.57                 | 17.92           | 0.062         |
| QPSK       | 836.5                   | 20525      | 1.4 | 3       | 1         | 23.62                 | 17.97           | 0.063         |
| QPSK       | 836.5                   | 20525      | 1.4 | 3       | 3         | 23.59                 | 17.94           | 0.062         |
| QPSK       | 836.5                   | 20525      | 1.4 | 6       | 0         | 22.80                 | 17.15           | 0.052         |
| QPSK       | 848.3                   | 20643      | 1.4 | 1       | 0         | 23.79                 | 18.14           | 0.065         |
| QPSK       | 848.3                   | 20643      | 1.4 | 1       | 3         | 23.91                 | 18.26           | 0.067         |
| QPSK       | 848.3                   | 20643      | 1.4 | 1       | 5         | 23.92                 | 18.27           | 0.067         |
| QPSK       | 848.3                   | 20643      | 1.4 | 3       | 0         | 23.58                 | 17.93           | 0.062         |
| QPSK       | 848.3                   | 20643      | 1.4 | 3       | 1         | 23.79                 | 18.14           | 0.065         |
| QPSK       | 848.3                   | 20643      | 1.4 | 3       | 3         | 23.65                 | 18.00           | 0.063         |
| QPSK       | 848.3                   | 20643      | 1.4 | 6       | 0         | 22.55                 | 16.90           | 0.049         |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|-----------------|---------------|
| 16QAM      | 825.5                   | 20415      | 3  | 1       | 0         | 22.47                 | 16.82           | 0.048         |
| 16QAM      | 825.5                   | 20415      | 3  | 1       | 8         | 22.22                 | 16.57           | 0.045         |
| 16QAM      | 825.5                   | 20415      | 3  | 1       | 14        | 22.38                 | 16.73           | 0.047         |
| 16QAM      | 825.5                   | 20415      | 3  | 8       | 0         | 21.63                 | 15.98           | 0.040         |
| 16QAM      | 825.5                   | 20415      | 3  | 8       | 4         | 21.60                 | 15.95           | 0.039         |
| 16QAM      | 825.5                   | 20415      | 3  | 8       | 7         | 21.70                 | 16.05           | 0.040         |
| 16QAM      | 825.5                   | 20415      | 3  | 15      | 0         | 21.79                 | 16.14           | 0.041         |
| 16QAM      | 836.5                   | 20525      | 3  | 1       | 0         | 22.81                 | 17.16           | 0.052         |
| 16QAM      | 836.5                   | 20525      | 3  | 1       | 8         | 22.34                 | 16.69           | 0.047         |
| 16QAM      | 836.5                   | 20525      | 3  | 1       | 14        | 22.45                 | 16.80           | 0.048         |
| 16QAM      | 836.5                   | 20525      | 3  | 8       | 0         | 21.85                 | 16.20           | 0.042         |
| 16QAM      | 836.5                   | 20525      | 3  | 8       | 4         | 21.81                 | 16.16           | 0.041         |
| 16QAM      | 836.5                   | 20525      | 3  | 8       | 7         | 21.83                 | 16.18           | 0.041         |
| 16QAM      | 836.5                   | 20525      | 3  | 15      | 0         | 21.84                 | 16.19           | 0.042         |
| 16QAM      | 847.5                   | 20635      | 3  | 1       | 0         | 22.80                 | 17.15           | 0.052         |
| 16QAM      | 847.5                   | 20635      | 3  | 1       | 8         | 23.18                 | 17.53           | 0.057         |
| 16QAM      | 847.5                   | 20635      | 3  | 1       | 14        | 23.37                 | 17.72           | 0.059         |
| 16QAM      | 847.5                   | 20635      | 3  | 8       | 0         | 22.30                 | 16.65           | 0.046         |
| 16QAM      | 847.5                   | 20635      | 3  | 8       | 4         | 22.22                 | 16.57           | 0.045         |
| 16QAM      | 847.5                   | 20635      | 3  | 8       | 7         | 21.56                 | 15.91           | 0.039         |
| 16QAM      | 847.5                   | 20635      | 3  | 15      | 0         | 22.16                 | 16.51           | 0.045         |
| 64QAM      | 825.5                   | 20415      | 3  | 1       | 0         | 21.77                 | 16.12           | 0.041         |
| 64QAM      | 825.5                   | 20415      | 3  | 1       | 8         | 21.93                 | 16.28           | 0.042         |
| 64QAM      | 825.5                   | 20415      | 3  | 1       | 14        | 21.78                 | 16.13           | 0.041         |
| 64QAM      | 825.5                   | 20415      | 3  | 8       | 0         | 20.59                 | 14.94           | 0.031         |
| 64QAM      | 825.5                   | 20415      | 3  | 8       | 4         | 20.48                 | 14.83           | 0.030         |
| 64QAM      | 825.5                   | 20415      | 3  | 8       | 7         | 20.53                 | 14.88           | 0.031         |
| 64QAM      | 825.5                   | 20415      | 3  | 15      | 0         | 20.73                 | 15.08           | 0.032         |
| 64QAM      | 836.5                   | 20525      | 3  | 1       | 0         | 21.74                 | 16.09           | 0.041         |
| 64QAM      | 836.5                   | 20525      | 3  | 1       | 8         | 21.85                 | 16.20           | 0.042         |
| 64QAM      | 836.5                   | 20525      | 3  | 1       | 14        | 22.01                 | 16.36           | 0.043         |
| 64QAM      | 836.5                   | 20525      | 3  | 8       | 0         | 20.61                 | 14.96           | 0.031         |
| 64QAM      | 836.5                   | 20525      | 3  | 8       | 4         | 20.75                 | 15.10           | 0.032         |
| 64QAM      | 836.5                   | 20525      | 3  | 8       | 7         | 21.17                 | 15.52           | 0.036         |
| 64QAM      | 836.5                   | 20525      | 3  | 15      | 0         | 21.17                 | 15.52           | 0.036         |
| 64QAM      | 847.5                   | 20635      | 3  | 1       | 0         | 22.49                 | 16.84           | 0.048         |
| 64QAM      | 847.5                   | 20635      | 3  | 1       | 8         | 22.19                 | 16.54           | 0.045         |
| 64QAM      | 847.5                   | 20635      | 3  | 1       | 14        | 20.28                 | 14.63           | 0.029         |
| 64QAM      | 847.5                   | 20635      | 3  | 8       | 0         | 21.02                 | 15.37           | 0.034         |
| 64QAM      | 847.5                   | 20635      | 3  | 8       | 4         | 21.21                 | 15.56           | 0.036         |
| 64QAM      | 847.5                   | 20635      | 3  | 8       | 7         | 20.64                 | 14.99           | 0.032         |
| 64QAM      | 847.5                   | 20635      | 3  | 15      | 0         | 21.24                 | 15.59           | 0.036         |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|-----------------|---------------|
| QPSK       | 825.5                   | 20415      | 3  | 1       | 0         | 23.72                 | 18.07           | 0.064         |
| QPSK       | 825.5                   | 20415      | 3  | 1       | 8         | 23.72                 | 18.07           | 0.064         |
| QPSK       | 825.5                   | 20415      | 3  | 1       | 14        | 23.62                 | 17.97           | 0.063         |
| QPSK       | 825.5                   | 20415      | 3  | 8       | 0         | 22.38                 | 16.73           | 0.047         |
| QPSK       | 825.5                   | 20415      | 3  | 8       | 4         | 22.50                 | 16.85           | 0.048         |
| QPSK       | 825.5                   | 20415      | 3  | 8       | 7         | 22.43                 | 16.78           | 0.048         |
| QPSK       | 825.5                   | 20415      | 3  | 15      | 0         | 22.49                 | 16.84           | 0.048         |
| QPSK       | 836.5                   | 20525      | 3  | 1       | 0         | 23.75                 | 18.10           | 0.065         |
| QPSK       | 836.5                   | 20525      | 3  | 1       | 8         | 23.76                 | 18.11           | 0.065         |
| QPSK       | 836.5                   | 20525      | 3  | 1       | 14        | 23.76                 | 18.11           | 0.065         |
| QPSK       | 836.5                   | 20525      | 3  | 8       | 0         | 22.79                 | 17.14           | 0.052         |
| QPSK       | 836.5                   | 20525      | 3  | 8       | 4         | 22.74                 | 17.09           | 0.051         |
| QPSK       | 836.5                   | 20525      | 3  | 8       | 7         | 22.70                 | 17.05           | 0.051         |
| QPSK       | 836.5                   | 20525      | 3  | 15      | 0         | 22.71                 | 17.06           | 0.051         |
| QPSK       | 847.5                   | 20635      | 3  | 1       | 0         | 23.61                 | 17.96           | 0.063         |
| QPSK       | 847.5                   | 20635      | 3  | 1       | 8         | 23.52                 | 17.87           | 0.061         |
| QPSK       | 847.5                   | 20635      | 3  | 1       | 14        | 23.60                 | 17.95           | 0.062         |
| QPSK       | 847.5                   | 20635      | 3  | 8       | 0         | 22.48                 | 16.83           | 0.048         |
| QPSK       | 847.5                   | 20635      | 3  | 8       | 4         | 22.50                 | 16.85           | 0.048         |
| QPSK       | 847.5                   | 20635      | 3  | 8       | 7         | 22.63                 | 16.98           | 0.050         |
| QPSK       | 847.5                   | 20635      | 3  | 15      | 0         | 22.63                 | 16.98           | 0.050         |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|-----------------|---------------|
| 16QAM      | 826.5                   | 20425      | 5  | 1       | 0         | 22.20                 | 16.55           | 0.045         |
| 16QAM      | 826.5                   | 20425      | 5  | 1       | 12        | 22.43                 | 16.78           | 0.048         |
| 16QAM      | 826.5                   | 20425      | 5  | 1       | 24        | 22.56                 | 16.91           | 0.049         |
| 16QAM      | 826.5                   | 20425      | 5  | 12      | 0         | 21.59                 | 15.94           | 0.039         |
| 16QAM      | 826.5                   | 20425      | 5  | 12      | 7         | 21.68                 | 16.03           | 0.040         |
| 16QAM      | 826.5                   | 20425      | 5  | 12      | 13        | 21.73                 | 16.08           | 0.041         |
| 16QAM      | 826.5                   | 20425      | 5  | 25      | 0         | 21.87                 | 16.22           | 0.042         |
| 16QAM      | 836.5                   | 20525      | 5  | 1       | 0         | 23.18                 | 17.53           | 0.057         |
| 16QAM      | 836.5                   | 20525      | 5  | 1       | 12        | 23.01                 | 17.36           | 0.054         |
| 16QAM      | 836.5                   | 20525      | 5  | 1       | 24        | 23.74                 | 18.09           | 0.064         |
| 16QAM      | 836.5                   | 20525      | 5  | 12      | 0         | 21.76                 | 16.11           | 0.041         |
| 16QAM      | 836.5                   | 20525      | 5  | 12      | 7         | 22.01                 | 16.36           | 0.043         |
| 16QAM      | 836.5                   | 20525      | 5  | 12      | 13        | 21.71                 | 16.06           | 0.040         |
| 16QAM      | 836.5                   | 20525      | 5  | 25      | 0         | 21.59                 | 15.94           | 0.039         |
| 16QAM      | 846.5                   | 20625      | 5  | 1       | 0         | 23.33                 | 17.68           | 0.059         |
| 16QAM      | 846.5                   | 20625      | 5  | 1       | 12        | 22.21                 | 16.56           | 0.045         |
| 16QAM      | 846.5                   | 20625      | 5  | 1       | 24        | 22.99                 | 17.34           | 0.054         |
| 16QAM      | 846.5                   | 20625      | 5  | 12      | 0         | 21.65                 | 16.00           | 0.040         |
| 16QAM      | 846.5                   | 20625      | 5  | 12      | 7         | 22.13                 | 16.48           | 0.044         |
| 16QAM      | 846.5                   | 20625      | 5  | 12      | 13        | 22.20                 | 16.55           | 0.045         |
| 16QAM      | 846.5                   | 20625      | 5  | 25      | 0         | 22.21                 | 16.56           | 0.045         |
| 64QAM      | 826.5                   | 20425      | 5  | 1       | 0         | 21.96                 | 16.31           | 0.043         |
| 64QAM      | 826.5                   | 20425      | 5  | 1       | 12        | 21.59                 | 15.94           | 0.039         |
| 64QAM      | 826.5                   | 20425      | 5  | 1       | 24        | 21.58                 | 15.93           | 0.039         |
| 64QAM      | 826.5                   | 20425      | 5  | 12      | 0         | 20.77                 | 15.12           | 0.033         |
| 64QAM      | 826.5                   | 20425      | 5  | 12      | 7         | 20.69                 | 15.04           | 0.032         |
| 64QAM      | 826.5                   | 20425      | 5  | 12      | 13        | 20.81                 | 15.16           | 0.033         |
| 64QAM      | 826.5                   | 20425      | 5  | 25      | 0         | 20.67                 | 15.02           | 0.032         |
| 64QAM      | 836.5                   | 20525      | 5  | 1       | 0         | 22.10                 | 16.45           | 0.044         |
| 64QAM      | 836.5                   | 20525      | 5  | 1       | 12        | 21.75                 | 16.10           | 0.041         |
| 64QAM      | 836.5                   | 20525      | 5  | 1       | 24        | 22.42                 | 16.77           | 0.048         |
| 64QAM      | 836.5                   | 20525      | 5  | 12      | 0         | 20.59                 | 14.94           | 0.031         |
| 64QAM      | 836.5                   | 20525      | 5  | 12      | 7         | 21.19                 | 15.54           | 0.036         |
| 64QAM      | 836.5                   | 20525      | 5  | 12      | 13        | 21.19                 | 15.54           | 0.036         |
| 64QAM      | 836.5                   | 20525      | 5  | 25      | 0         | 20.94                 | 15.29           | 0.034         |
| 64QAM      | 846.5                   | 20625      | 5  | 1       | 0         | 21.73                 | 16.08           | 0.041         |
| 64QAM      | 846.5                   | 20625      | 5  | 1       | 12        | 22.56                 | 16.91           | 0.049         |
| 64QAM      | 846.5                   | 20625      | 5  | 1       | 24        | 21.75                 | 16.10           | 0.041         |
| 64QAM      | 846.5                   | 20625      | 5  | 12      | 0         | 21.12                 | 15.47           | 0.035         |
| 64QAM      | 846.5                   | 20625      | 5  | 12      | 7         | 21.16                 | 15.51           | 0.036         |
| 64QAM      | 846.5                   | 20625      | 5  | 12      | 13        | 21.12                 | 15.47           | 0.035         |
| 64QAM      | 846.5                   | 20625      | 5  | 25      | 0         | 21.22                 | 15.57           | 0.036         |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|-----------------|---------------|
| QPSK       | 826.5                   | 20425      | 5  | 1       | 0         | 23.95                 | 18.30           | 0.068         |
| QPSK       | 826.5                   | 20425      | 5  | 1       | 12        | 23.59                 | 17.94           | 0.062         |
| QPSK       | 826.5                   | 20425      | 5  | 1       | 24        | 23.61                 | 17.96           | 0.063         |
| QPSK       | 826.5                   | 20425      | 5  | 12      | 0         | 22.64                 | 16.99           | 0.050         |
| QPSK       | 826.5                   | 20425      | 5  | 12      | 7         | 22.59                 | 16.94           | 0.049         |
| QPSK       | 826.5                   | 20425      | 5  | 12      | 13        | 22.38                 | 16.73           | 0.047         |
| QPSK       | 826.5                   | 20425      | 5  | 25      | 0         | 22.45                 | 16.80           | 0.048         |
| QPSK       | 836.5                   | 20525      | 5  | 1       | 0         | 23.73                 | 18.08           | 0.064         |
| QPSK       | 836.5                   | 20525      | 5  | 1       | 12        | 23.52                 | 17.87           | 0.061         |
| QPSK       | 836.5                   | 20525      | 5  | 1       | 24        | 23.71                 | 18.06           | 0.064         |
| QPSK       | 836.5                   | 20525      | 5  | 12      | 0         | 22.76                 | 17.11           | 0.051         |
| QPSK       | 836.5                   | 20525      | 5  | 12      | 7         | 22.62                 | 16.97           | 0.050         |
| QPSK       | 836.5                   | 20525      | 5  | 12      | 13        | 22.83                 | 17.18           | 0.052         |
| QPSK       | 836.5                   | 20525      | 5  | 25      | 0         | 22.69                 | 17.04           | 0.051         |
| QPSK       | 846.5                   | 20625      | 5  | 1       | 0         | 23.96                 | 18.31           | 0.068         |
| QPSK       | 846.5                   | 20625      | 5  | 1       | 12        | 24.03                 | 18.38           | 0.069         |
| QPSK       | 846.5                   | 20625      | 5  | 1       | 24        | 24.01                 | 18.36           | 0.069         |
| QPSK       | 846.5                   | 20625      | 5  | 12      | 0         | 22.80                 | 17.15           | 0.052         |
| QPSK       | 846.5                   | 20625      | 5  | 12      | 7         | 22.69                 | 17.04           | 0.051         |
| QPSK       | 846.5                   | 20625      | 5  | 12      | 13        | 22.62                 | 16.97           | 0.050         |
| QPSK       | 846.5                   | 20625      | 5  | 25      | 0         | 22.55                 | 16.90           | 0.049         |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|-----------------|---------------|
| 16QAM      | 829                     | 20450      | 10 | 1       | 0         | 23.25                 | 17.60           | 0.058         |
| 16QAM      | 829                     | 20450      | 10 | 1       | 25        | 22.92                 | 17.27           | 0.053         |
| 16QAM      | 829                     | 20450      | 10 | 1       | 49        | 23.32                 | 17.67           | 0.058         |
| 16QAM      | 829                     | 20450      | 10 | 25      | 0         | 21.83                 | 16.18           | 0.041         |
| 16QAM      | 829                     | 20450      | 10 | 25      | 12        | 21.80                 | 16.15           | 0.041         |
| 16QAM      | 829                     | 20450      | 10 | 25      | 25        | 21.99                 | 16.34           | 0.043         |
| 16QAM      | 829                     | 20450      | 10 | 50      | 0         | 21.67                 | 16.02           | 0.040         |
| 16QAM      | 836.5                   | 20525      | 10 | 1       | 0         | 20.80                 | 15.15           | 0.033         |
| 16QAM      | 836.5                   | 20525      | 10 | 1       | 25        | 22.90                 | 17.25           | 0.053         |
| 16QAM      | 836.5                   | 20525      | 10 | 1       | 49        | 22.37                 | 16.72           | 0.047         |
| 16QAM      | 836.5                   | 20525      | 10 | 25      | 0         | 21.94                 | 16.29           | 0.043         |
| 16QAM      | 836.5                   | 20525      | 10 | 25      | 12        | 22.02                 | 16.37           | 0.043         |
| 16QAM      | 836.5                   | 20525      | 10 | 25      | 25        | 22.33                 | 16.68           | 0.047         |
| 16QAM      | 836.5                   | 20525      | 10 | 50      | 0         | 21.88                 | 16.23           | 0.042         |
| 16QAM      | 844                     | 20600      | 10 | 1       | 0         | 23.24                 | 17.59           | 0.057         |
| 16QAM      | 844                     | 20600      | 10 | 1       | 25        | 23.11                 | 17.46           | 0.056         |
| 16QAM      | 844                     | 20600      | 10 | 1       | 49        | 23.03                 | 17.38           | 0.055         |
| 16QAM      | 844                     | 20600      | 10 | 25      | 0         | 21.42                 | 15.77           | 0.038         |
| 16QAM      | 844                     | 20600      | 10 | 25      | 12        | 21.74                 | 16.09           | 0.041         |
| 16QAM      | 844                     | 20600      | 10 | 25      | 25        | 22.26                 | 16.61           | 0.046         |
| 16QAM      | 844                     | 20600      | 10 | 50      | 0         | 21.67                 | 16.02           | 0.040         |
| 64QAM      | 829                     | 20450      | 10 | 1       | 0         | 21.44                 | 15.79           | 0.038         |
| 64QAM      | 829                     | 20450      | 10 | 1       | 25        | 21.73                 | 16.08           | 0.041         |
| 64QAM      | 829                     | 20450      | 10 | 1       | 49        | 21.78                 | 16.13           | 0.041         |
| 64QAM      | 829                     | 20450      | 10 | 25      | 0         | 20.73                 | 15.08           | 0.032         |
| 64QAM      | 829                     | 20450      | 10 | 25      | 12        | 20.78                 | 15.13           | 0.033         |
| 64QAM      | 829                     | 20450      | 10 | 25      | 25        | 20.83                 | 15.18           | 0.033         |
| 64QAM      | 829                     | 20450      | 10 | 50      | 0         | 20.80                 | 15.15           | 0.033         |
| 64QAM      | 836.5                   | 20525      | 10 | 1       | 0         | 22.30                 | 16.65           | 0.046         |
| 64QAM      | 836.5                   | 20525      | 10 | 1       | 25        | 22.26                 | 16.61           | 0.046         |
| 64QAM      | 836.5                   | 20525      | 10 | 1       | 49        | 21.52                 | 15.87           | 0.039         |
| 64QAM      | 836.5                   | 20525      | 10 | 25      | 0         | 20.98                 | 15.33           | 0.034         |
| 64QAM      | 836.5                   | 20525      | 10 | 25      | 12        | 21.33                 | 15.68           | 0.037         |
| 64QAM      | 836.5                   | 20525      | 10 | 25      | 25        | 21.19                 | 15.54           | 0.036         |
| 64QAM      | 836.5                   | 20525      | 10 | 50      | 0         | 21.47                 | 15.82           | 0.038         |
| 64QAM      | 844                     | 20600      | 10 | 1       | 0         | 22.31                 | 16.66           | 0.046         |
| 64QAM      | 844                     | 20600      | 10 | 1       | 25        | 21.06                 | 15.41           | 0.035         |
| 64QAM      | 844                     | 20600      | 10 | 1       | 49        | 21.83                 | 16.18           | 0.041         |
| 64QAM      | 844                     | 20600      | 10 | 25      | 0         | 20.78                 | 15.13           | 0.033         |
| 64QAM      | 844                     | 20600      | 10 | 25      | 12        | 21.25                 | 15.60           | 0.036         |
| 64QAM      | 844                     | 20600      | 10 | 25      | 25        | 21.09                 | 15.44           | 0.035         |
| 64QAM      | 844                     | 20600      | 10 | 50      | 0         | 21.24                 | 15.59           | 0.036         |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|-----------------|---------------|
| QPSK       | 829                     | 20450      | 10 | 1       | 0         | 23.50                 | 17.85           | 0.061         |
| QPSK       | 829                     | 20450      | 10 | 1       | 25        | 23.71                 | 18.06           | 0.064         |
| QPSK       | 829                     | 20450      | 10 | 1       | 49        | 23.65                 | 18.00           | 0.063         |
| QPSK       | 829                     | 20450      | 10 | 25      | 0         | 22.79                 | 17.14           | 0.052         |
| QPSK       | 829                     | 20450      | 10 | 25      | 12        | 22.89                 | 17.24           | 0.053         |
| QPSK       | 829                     | 20450      | 10 | 25      | 25        | 22.69                 | 17.04           | 0.051         |
| QPSK       | 829                     | 20450      | 10 | 50      | 0         | 22.84                 | 17.19           | 0.052         |
| QPSK       | 836.5                   | 20525      | 10 | 1       | 0         | 24.03                 | 18.38           | 0.069         |
| QPSK       | 836.5                   | 20525      | 10 | 1       | 25        | 24.08                 | 18.43           | 0.070         |
| QPSK       | 836.5                   | 20525      | 10 | 1       | 49        | 24.10                 | 18.45           | 0.070         |
| QPSK       | 836.5                   | 20525      | 10 | 25      | 0         | 22.87                 | 17.22           | 0.053         |
| QPSK       | 836.5                   | 20525      | 10 | 25      | 12        | 22.72                 | 17.07           | 0.051         |
| QPSK       | 836.5                   | 20525      | 10 | 25      | 25        | 22.95                 | 17.30           | 0.054         |
| QPSK       | 836.5                   | 20525      | 10 | 50      | 0         | 22.66                 | 17.01           | 0.050         |
| QPSK       | 844                     | 20600      | 10 | 1       | 0         | 23.84                 | 18.19           | 0.066         |
| QPSK       | 844                     | 20600      | 10 | 1       | 25        | 23.69                 | 18.04           | 0.064         |
| QPSK       | 844                     | 20600      | 10 | 1       | 49        | 23.94                 | 18.29           | 0.067         |
| QPSK       | 844                     | 20600      | 10 | 25      | 0         | 22.78                 | 17.13           | 0.052         |
| QPSK       | 844                     | 20600      | 10 | 25      | 12        | 22.79                 | 17.14           | 0.052         |
| QPSK       | 844                     | 20600      | 10 | 25      | 25        | 22.61                 | 16.96           | 0.050         |
| QPSK       | 844                     | 20600      | 10 | 50      | 0         | 22.60                 | 16.95           | 0.050         |