

## 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         | 22.34                 |
| 16QAM      | 824.7                   | 20407      | 1.4 | 1       | 3         | 22.46                 |
| 16QAM      | 824.7                   | 20407      | 1.4 | 1       | 5         | 22.53                 |
| 16QAM      | 824.7                   | 20407      | 1.4 | 3       | 0         | 22.55                 |
| 16QAM      | 824.7                   | 20407      | 1.4 | 3       | 1         | 22.45                 |
| 16QAM      | 824.7                   | 20407      | 1.4 | 3       | 3         | 22.52                 |
| 16QAM      | 824.7                   | 20407      | 1.4 | 6       | 0         | 21.57                 |
| 16QAM      | 836.5                   | 20525      | 1.4 | 1       | 0         | 22.94                 |
| 16QAM      | 836.5                   | 20525      | 1.4 | 1       | 3         | 22.94                 |
| 16QAM      | 836.5                   | 20525      | 1.4 | 1       | 5         | 22.87                 |
| 16QAM      | 836.5                   | 20525      | 1.4 | 3       | 0         | 22.59                 |
| 16QAM      | 836.5                   | 20525      | 1.4 | 3       | 1         | 22.66                 |
| 16QAM      | 836.5                   | 20525      | 1.4 | 3       | 3         | 22.65                 |
| 16QAM      | 836.5                   | 20525      | 1.4 | 6       | 0         | 21.82                 |
| 16QAM      | 848.3                   | 20643      | 1.4 | 1       | 0         | 22.66                 |
| 16QAM      | 848.3                   | 20643      | 1.4 | 1       | 3         | 22.86                 |
| 16QAM      | 848.3                   | 20643      | 1.4 | 1       | 5         | 22.69                 |
| 16QAM      | 848.3                   | 20643      | 1.4 | 3       | 0         | 22.28                 |
| 16QAM      | 848.3                   | 20643      | 1.4 | 3       | 1         | 22.31                 |
| 16QAM      | 848.3                   | 20643      | 1.4 | 3       | 3         | 22.28                 |
| 16QAM      | 848.3                   | 20643      | 1.4 | 6       | 0         | 21.73                 |
| 64QAM      | 824.7                   | 20407      | 1.4 | 1       | 0         | 21.39                 |
| 64QAM      | 824.7                   | 20407      | 1.4 | 1       | 3         | 21.46                 |
| 64QAM      | 824.7                   | 20407      | 1.4 | 1       | 5         | 21.38                 |
| 64QAM      | 824.7                   | 20407      | 1.4 | 3       | 0         | 21.44                 |
| 64QAM      | 824.7                   | 20407      | 1.4 | 3       | 1         | 21.39                 |
| 64QAM      | 824.7                   | 20407      | 1.4 | 3       | 3         | 21.41                 |
| 64QAM      | 824.7                   | 20407      | 1.4 | 6       | 0         | 20.31                 |
| 64QAM      | 836.5                   | 20525      | 1.4 | 1       | 0         | 21.25                 |
| 64QAM      | 836.5                   | 20525      | 1.4 | 1       | 3         | 21.30                 |
| 64QAM      | 836.5                   | 20525      | 1.4 | 1       | 5         | 21.28                 |
| 64QAM      | 836.5                   | 20525      | 1.4 | 3       | 0         | 21.27                 |
| 64QAM      | 836.5                   | 20525      | 1.4 | 3       | 1         | 21.31                 |
| 64QAM      | 836.5                   | 20525      | 1.4 | 3       | 3         | 21.24                 |
| 64QAM      | 836.5                   | 20525      | 1.4 | 6       | 0         | 20.59                 |
| 64QAM      | 848.3                   | 20643      | 1.4 | 1       | 0         | 22.04                 |
| 64QAM      | 848.3                   | 20643      | 1.4 | 1       | 3         | 22.24                 |
| 64QAM      | 848.3                   | 20643      | 1.4 | 1       | 5         | 22.20                 |
| 64QAM      | 848.3                   | 20643      | 1.4 | 3       | 0         | 22.15                 |
| 64QAM      | 848.3                   | 20643      | 1.4 | 3       | 1         | 22.17                 |
| 64QAM      | 848.3                   | 20643      | 1.4 | 3       | 3         | 22.18                 |

|       |       |       |     |   |   |       |
|-------|-------|-------|-----|---|---|-------|
| 64QAM | 848.3 | 20643 | 1.4 | 6 | 0 | 20.59 |
|-------|-------|-------|-----|---|---|-------|

| Modulation | Carrier frequency (MHz) | UL Channel | BW  | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|-----|---------|-----------|-----------------------|
| QPSK       | 836.5                   | 20525      | 1.4 | 1       | 0         | 23.01                 |
| QPSK       | 836.5                   | 20525      | 1.4 | 1       | 3         | 23.13                 |
| QPSK       | 836.5                   | 20525      | 1.4 | 1       | 5         | 23.18                 |
| QPSK       | 836.5                   | 20525      | 1.4 | 3       | 0         | 23.00                 |
| QPSK       | 836.5                   | 20525      | 1.4 | 3       | 1         | 23.08                 |
| QPSK       | 836.5                   | 20525      | 1.4 | 3       | 3         | 23.04                 |
| QPSK       | 836.5                   | 20525      | 1.4 | 6       | 0         | 22.53                 |
| QPSK       | 848.3                   | 20643      | 1.4 | 1       | 0         | 23.47                 |
| QPSK       | 848.3                   | 20643      | 1.4 | 1       | 3         | 23.17                 |
| QPSK       | 848.3                   | 20643      | 1.4 | 1       | 5         | 23.15                 |
| QPSK       | 848.3                   | 20643      | 1.4 | 3       | 0         | 23.08                 |
| QPSK       | 848.3                   | 20643      | 1.4 | 3       | 1         | 23.10                 |
| QPSK       | 848.3                   | 20643      | 1.4 | 3       | 3         | 23.07                 |
| QPSK       | 848.3                   | 20643      | 1.4 | 6       | 0         | 22.67                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM      | 825.5                   | 20415      | 3  | 1       | 0         | 22.44                 |
| 16QAM      | 825.5                   | 20415      | 3  | 1       | 8         | 22.37                 |
| 16QAM      | 825.5                   | 20415      | 3  | 1       | 14        | 22.36                 |
| 16QAM      | 825.5                   | 20415      | 3  | 8       | 0         | 21.44                 |
| 16QAM      | 825.5                   | 20415      | 3  | 8       | 4         | 21.43                 |
| 16QAM      | 825.5                   | 20415      | 3  | 8       | 7         | 21.40                 |
| 16QAM      | 825.5                   | 20415      | 3  | 15      | 0         | 21.42                 |
| 16QAM      | 836.5                   | 20525      | 3  | 1       | 0         | 22.78                 |
| 16QAM      | 836.5                   | 20525      | 3  | 1       | 8         | 22.89                 |
| 16QAM      | 836.5                   | 20525      | 3  | 1       | 14        | 22.92                 |
| 16QAM      | 836.5                   | 20525      | 3  | 8       | 0         | 21.50                 |
| 16QAM      | 836.5                   | 20525      | 3  | 8       | 4         | 21.60                 |
| 16QAM      | 836.5                   | 20525      | 3  | 8       | 7         | 21.57                 |
| 16QAM      | 836.5                   | 20525      | 3  | 15      | 0         | 21.74                 |
| 16QAM      | 847.5                   | 20635      | 3  | 1       | 0         | 22.34                 |
| 16QAM      | 847.5                   | 20635      | 3  | 1       | 8         | 22.42                 |
| 16QAM      | 847.5                   | 20635      | 3  | 1       | 14        | 22.43                 |
| 16QAM      | 847.5                   | 20635      | 3  | 8       | 0         | 21.60                 |
| 16QAM      | 847.5                   | 20635      | 3  | 8       | 4         | 21.55                 |
| 16QAM      | 847.5                   | 20635      | 3  | 8       | 7         | 21.57                 |
| 16QAM      | 847.5                   | 20635      | 3  | 15      | 0         | 21.54                 |
| 64QAM      | 825.5                   | 20415      | 3  | 1       | 0         | 21.89                 |
| 64QAM      | 825.5                   | 20415      | 3  | 1       | 8         | 21.94                 |
| 64QAM      | 825.5                   | 20415      | 3  | 1       | 14        | 21.90                 |
| 64QAM      | 825.5                   | 20415      | 3  | 8       | 0         | 20.43                 |
| 64QAM      | 825.5                   | 20415      | 3  | 8       | 4         | 20.42                 |
| 64QAM      | 825.5                   | 20415      | 3  | 8       | 7         | 20.44                 |
| 64QAM      | 825.5                   | 20415      | 3  | 15      | 0         | 20.47                 |
| 64QAM      | 836.5                   | 20525      | 3  | 1       | 0         | 21.28                 |
| 64QAM      | 836.5                   | 20525      | 3  | 1       | 8         | 21.24                 |
| 64QAM      | 836.5                   | 20525      | 3  | 1       | 14        | 21.30                 |
| 64QAM      | 836.5                   | 20525      | 3  | 8       | 0         | 20.49                 |
| 64QAM      | 836.5                   | 20525      | 3  | 8       | 4         | 20.53                 |
| 64QAM      | 836.5                   | 20525      | 3  | 8       | 7         | 20.51                 |
| 64QAM      | 836.5                   | 20525      | 3  | 15      | 0         | 20.66                 |
| 64QAM      | 847.5                   | 20635      | 3  | 1       | 0         | 22.37                 |
| 64QAM      | 847.5                   | 20635      | 3  | 1       | 8         | 22.58                 |
| 64QAM      | 847.5                   | 20635      | 3  | 1       | 14        | 22.62                 |
| 64QAM      | 847.5                   | 20635      | 3  | 8       | 0         | 20.61                 |
| 64QAM      | 847.5                   | 20635      | 3  | 8       | 4         | 20.70                 |
| 64QAM      | 847.5                   | 20635      | 3  | 8       | 7         | 20.58                 |
| 64QAM      | 847.5                   | 20635      | 3  | 15      | 0         | 20.64                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 825.5                   | 20415      | 3  | 1       | 0         | 23.04                 |
| QPSK       | 825.5                   | 20415      | 3  | 1       | 8         | 23.05                 |
| QPSK       | 825.5                   | 20415      | 3  | 1       | 14        | 23.11                 |
| QPSK       | 825.5                   | 20415      | 3  | 8       | 0         | 22.27                 |
| QPSK       | 825.5                   | 20415      | 3  | 8       | 4         | 22.26                 |
| QPSK       | 825.5                   | 20415      | 3  | 8       | 7         | 22.43                 |
| QPSK       | 825.5                   | 20415      | 3  | 15      | 0         | 22.37                 |
| QPSK       | 836.5                   | 20525      | 3  | 1       | 0         | 23.03                 |
| QPSK       | 836.5                   | 20525      | 3  | 1       | 8         | 23.13                 |
| QPSK       | 836.5                   | 20525      | 3  | 1       | 14        | 23.13                 |
| QPSK       | 836.5                   | 20525      | 3  | 8       | 0         | 22.45                 |
| QPSK       | 836.5                   | 20525      | 3  | 8       | 4         | 22.42                 |
| QPSK       | 836.5                   | 20525      | 3  | 8       | 7         | 22.50                 |
| QPSK       | 836.5                   | 20525      | 3  | 15      | 0         | 22.58                 |
| QPSK       | 847.5                   | 20635      | 3  | 1       | 0         | 23.35                 |
| QPSK       | 847.5                   | 20635      | 3  | 1       | 8         | 23.43                 |
| QPSK       | 847.5                   | 20635      | 3  | 1       | 14        | 23.34                 |
| QPSK       | 847.5                   | 20635      | 3  | 8       | 0         | 22.58                 |
| QPSK       | 847.5                   | 20635      | 3  | 8       | 4         | 22.59                 |
| QPSK       | 847.5                   | 20635      | 3  | 8       | 7         | 22.67                 |
| QPSK       | 847.5                   | 20635      | 3  | 15      | 0         | 22.72                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM      | 826.5                   | 20425      | 5  | 1       | 0         | 22.11                 |
| 16QAM      | 826.5                   | 20425      | 5  | 1       | 12        | 21.87                 |
| 16QAM      | 826.5                   | 20425      | 5  | 1       | 24        | 21.95                 |
| 16QAM      | 826.5                   | 20425      | 5  | 12      | 0         | 21.34                 |
| 16QAM      | 826.5                   | 20425      | 5  | 12      | 7         | 21.29                 |
| 16QAM      | 826.5                   | 20425      | 5  | 12      | 13        | 21.23                 |
| 16QAM      | 826.5                   | 20425      | 5  | 25      | 0         | 21.42                 |
| 16QAM      | 836.5                   | 20525      | 5  | 1       | 0         | 22.53                 |
| 16QAM      | 836.5                   | 20525      | 5  | 1       | 12        | 22.59                 |
| 16QAM      | 836.5                   | 20525      | 5  | 1       | 24        | 22.71                 |
| 16QAM      | 836.5                   | 20525      | 5  | 12      | 0         | 21.34                 |
| 16QAM      | 836.5                   | 20525      | 5  | 12      | 7         | 21.34                 |
| 16QAM      | 836.5                   | 20525      | 5  | 12      | 13        | 21.31                 |
| 16QAM      | 836.5                   | 20525      | 5  | 25      | 0         | 21.49                 |
| 16QAM      | 846.5                   | 20625      | 5  | 1       | 0         | 22.45                 |
| 16QAM      | 846.5                   | 20625      | 5  | 1       | 12        | 22.46                 |
| 16QAM      | 846.5                   | 20625      | 5  | 1       | 24        | 22.43                 |
| 16QAM      | 846.5                   | 20625      | 5  | 12      | 0         | 21.63                 |
| 16QAM      | 846.5                   | 20625      | 5  | 12      | 7         | 21.59                 |
| 16QAM      | 846.5                   | 20625      | 5  | 12      | 13        | 21.54                 |
| 16QAM      | 846.5                   | 20625      | 5  | 25      | 0         | 21.70                 |
| 64QAM      | 826.5                   | 20425      | 5  | 1       | 0         | 21.12                 |
| 64QAM      | 826.5                   | 20425      | 5  | 1       | 12        | 21.07                 |
| 64QAM      | 826.5                   | 20425      | 5  | 1       | 24        | 21.09                 |
| 64QAM      | 826.5                   | 20425      | 5  | 12      | 0         | 20.45                 |
| 64QAM      | 826.5                   | 20425      | 5  | 12      | 7         | 20.47                 |
| 64QAM      | 826.5                   | 20425      | 5  | 12      | 13        | 20.45                 |
| 64QAM      | 826.5                   | 20425      | 5  | 25      | 0         | 20.43                 |
| 64QAM      | 836.5                   | 20525      | 5  | 1       | 0         | 21.58                 |
| 64QAM      | 836.5                   | 20525      | 5  | 1       | 12        | 21.54                 |
| 64QAM      | 836.5                   | 20525      | 5  | 1       | 24        | 21.76                 |
| 64QAM      | 836.5                   | 20525      | 5  | 12      | 0         | 20.42                 |
| 64QAM      | 836.5                   | 20525      | 5  | 12      | 7         | 20.47                 |
| 64QAM      | 836.5                   | 20525      | 5  | 12      | 13        | 20.47                 |
| 64QAM      | 836.5                   | 20525      | 5  | 25      | 0         | 20.64                 |
| 64QAM      | 846.5                   | 20625      | 5  | 1       | 0         | 21.59                 |
| 64QAM      | 846.5                   | 20625      | 5  | 1       | 12        | 21.73                 |
| 64QAM      | 846.5                   | 20625      | 5  | 1       | 24        | 21.63                 |
| 64QAM      | 846.5                   | 20625      | 5  | 12      | 0         | 20.52                 |
| 64QAM      | 846.5                   | 20625      | 5  | 12      | 7         | 20.62                 |
| 64QAM      | 846.5                   | 20625      | 5  | 12      | 13        | 20.67                 |
| 64QAM      | 846.5                   | 20625      | 5  | 25      | 0         | 20.82                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 826.5                   | 20425      | 5  | 1       | 0         | 23.01                 |
| QPSK       | 826.5                   | 20425      | 5  | 1       | 12        | 23.02                 |
| QPSK       | 826.5                   | 20425      | 5  | 1       | 24        | 23.03                 |
| QPSK       | 826.5                   | 20425      | 5  | 12      | 0         | 22.28                 |
| QPSK       | 826.5                   | 20425      | 5  | 12      | 7         | 22.38                 |
| QPSK       | 826.5                   | 20425      | 5  | 12      | 13        | 22.40                 |
| QPSK       | 826.5                   | 20425      | 5  | 25      | 0         | 22.46                 |
| QPSK       | 836.5                   | 20525      | 5  | 1       | 0         | 22.80                 |
| QPSK       | 836.5                   | 20525      | 5  | 1       | 12        | 22.86                 |
| QPSK       | 836.5                   | 20525      | 5  | 1       | 24        | 23.11                 |
| QPSK       | 836.5                   | 20525      | 5  | 12      | 0         | 22.51                 |
| QPSK       | 836.5                   | 20525      | 5  | 12      | 7         | 22.42                 |
| QPSK       | 836.5                   | 20525      | 5  | 12      | 13        | 22.48                 |
| QPSK       | 836.5                   | 20525      | 5  | 25      | 0         | 22.50                 |
| QPSK       | 846.5                   | 20625      | 5  | 1       | 0         | 23.23                 |
| QPSK       | 846.5                   | 20625      | 5  | 1       | 12        | 23.29                 |
| QPSK       | 846.5                   | 20625      | 5  | 1       | 24        | 23.38                 |
| QPSK       | 846.5                   | 20625      | 5  | 12      | 0         | 22.69                 |
| QPSK       | 846.5                   | 20625      | 5  | 12      | 7         | 22.69                 |
| QPSK       | 846.5                   | 20625      | 5  | 12      | 13        | 22.69                 |
| QPSK       | 846.5                   | 20625      | 5  | 25      | 0         | 22.63                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM      | 829                     | 20450      | 10 | 1       | 0         | 23.27                 |
| 16QAM      | 829                     | 20450      | 10 | 1       | 25        | 23.40                 |
| 16QAM      | 829                     | 20450      | 10 | 1       | 49        | 23.31                 |
| 16QAM      | 829                     | 20450      | 10 | 25      | 0         | 21.37                 |
| 16QAM      | 829                     | 20450      | 10 | 25      | 12        | 21.45                 |
| 16QAM      | 829                     | 20450      | 10 | 25      | 25        | 21.48                 |
| 16QAM      | 829                     | 20450      | 10 | 50      | 0         | 21.37                 |
| 16QAM      | 836.5                   | 20525      | 10 | 1       | 0         | 22.70                 |
| 16QAM      | 836.5                   | 20525      | 10 | 1       | 25        | 22.87                 |
| 16QAM      | 836.5                   | 20525      | 10 | 1       | 49        | 22.90                 |
| 16QAM      | 836.5                   | 20525      | 10 | 25      | 0         | 21.56                 |
| 16QAM      | 836.5                   | 20525      | 10 | 25      | 12        | 21.59                 |
| 16QAM      | 836.5                   | 20525      | 10 | 25      | 25        | 21.74                 |
| 16QAM      | 836.5                   | 20525      | 10 | 50      | 0         | 21.59                 |
| 16QAM      | 844                     | 20600      | 10 | 1       | 0         | 22.81                 |
| 16QAM      | 844                     | 20600      | 10 | 1       | 25        | 22.85                 |
| 16QAM      | 844                     | 20600      | 10 | 1       | 49        | 22.88                 |
| 16QAM      | 844                     | 20600      | 10 | 25      | 0         | 21.68                 |
| 16QAM      | 844                     | 20600      | 10 | 25      | 12        | 21.79                 |
| 16QAM      | 844                     | 20600      | 10 | 25      | 25        | 21.82                 |
| 16QAM      | 844                     | 20600      | 10 | 50      | 0         | 21.76                 |
| 64QAM      | 829                     | 20450      | 10 | 1       | 0         | 22.03                 |
| 64QAM      | 829                     | 20450      | 10 | 1       | 25        | 22.07                 |
| 64QAM      | 829                     | 20450      | 10 | 1       | 49        | 22.07                 |
| 64QAM      | 829                     | 20450      | 10 | 25      | 0         | 20.44                 |
| 64QAM      | 829                     | 20450      | 10 | 25      | 12        | 20.52                 |
| 64QAM      | 829                     | 20450      | 10 | 25      | 25        | 20.97                 |
| 64QAM      | 829                     | 20450      | 10 | 50      | 0         | 20.53                 |
| 64QAM      | 836.5                   | 20525      | 10 | 1       | 0         | 21.17                 |
| 64QAM      | 836.5                   | 20525      | 10 | 1       | 25        | 21.25                 |
| 64QAM      | 836.5                   | 20525      | 10 | 1       | 49        | 21.32                 |
| 64QAM      | 836.5                   | 20525      | 10 | 25      | 0         | 20.75                 |
| 64QAM      | 836.5                   | 20525      | 10 | 25      | 12        | 20.78                 |
| 64QAM      | 836.5                   | 20525      | 10 | 25      | 25        | 20.85                 |
| 64QAM      | 836.5                   | 20525      | 10 | 50      | 0         | 20.62                 |
| 64QAM      | 844                     | 20600      | 10 | 1       | 0         | 21.83                 |
| 64QAM      | 844                     | 20600      | 10 | 1       | 25        | 21.86                 |
| 64QAM      | 844                     | 20600      | 10 | 1       | 49        | 21.89                 |
| 64QAM      | 844                     | 20600      | 10 | 25      | 0         | 20.63                 |
| 64QAM      | 844                     | 20600      | 10 | 25      | 12        | 20.66                 |
| 64QAM      | 844                     | 20600      | 10 | 25      | 25        | 20.70                 |
| 64QAM      | 844                     | 20600      | 10 | 50      | 0         | 20.67                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 829                     | 20450      | 10 | 1       | 0         | 22.96                 |
| QPSK       | 829                     | 20450      | 10 | 1       | 25        | 22.96                 |
| QPSK       | 829                     | 20450      | 10 | 1       | 49        | 23.03                 |
| QPSK       | 829                     | 20450      | 10 | 25      | 0         | 22.43                 |
| QPSK       | 829                     | 20450      | 10 | 25      | 12        | 22.38                 |
| QPSK       | 829                     | 20450      | 10 | 25      | 25        | 22.37                 |
| QPSK       | 829                     | 20450      | 10 | 50      | 0         | 22.48                 |
| QPSK       | 836.5                   | 20525      | 10 | 1       | 0         | 23.09                 |
| QPSK       | 836.5                   | 20525      | 10 | 1       | 25        | 23.15                 |
| QPSK       | 836.5                   | 20525      | 10 | 1       | 49        | 23.21                 |
| QPSK       | 836.5                   | 20525      | 10 | 25      | 0         | 22.52                 |
| QPSK       | 836.5                   | 20525      | 10 | 25      | 12        | 22.57                 |
| QPSK       | 836.5                   | 20525      | 10 | 25      | 25        | 22.75                 |
| QPSK       | 836.5                   | 20525      | 10 | 50      | 0         | 22.60                 |
| QPSK       | 844                     | 20600      | 10 | 1       | 0         | 23.11                 |
| QPSK       | 844                     | 20600      | 10 | 1       | 25        | 23.05                 |
| QPSK       | 844                     | 20600      | 10 | 1       | 49        | 23.06                 |
| QPSK       | 844                     | 20600      | 10 | 25      | 0         | 22.46                 |
| QPSK       | 844                     | 20600      | 10 | 25      | 12        | 22.64                 |
| QPSK       | 844                     | 20600      | 10 | 25      | 25        | 22.57                 |
| QPSK       | 844                     | 20600      | 10 | 50      | 0         | 22.61                 |

## 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         | 1.070                        | Fig.2  |
| 5    | QPSK | 848.3                   | 20643   | 1.4      | 6       | 0         | 1.070                        | Fig.3  |
| 5    | QPSK | 825.5                   | 20415   | 3        | 15      | 0         | 2.680                        | Fig.4  |
| 5    | QPSK | 836.5                   | 20525   | 3        | 15      | 0         | 2.680                        | Fig.5  |
| 5    | QPSK | 847.5                   | 20635   | 3        | 15      | 0         | 2.680                        | Fig.6  |
| 5    | QPSK | 826.5                   | 20425   | 5        | 25      | 0         | 4.470                        | Fig.7  |
| 5    | QPSK | 836.5                   | 20525   | 5        | 25      | 0         | 4.460                        | Fig.8  |
| 5    | QPSK | 846.5                   | 20625   | 5        | 25      | 0         | 4.430                        | Fig.9  |
| 5    | QPSK | 829                     | 20450   | 10       | 50      | 0         | 8.920                        | Fig.10 |
| 5    | QPSK | 836.5                   | 20525   | 10       | 50      | 0         | 8.930                        | Fig.11 |
| 5    | QPSK | 844                     | 20600   | 10       | 50      | 0         | 8.910                        | 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         | 1.070                        | Fig.13 |
| 5    | 16QAM | 836.5                   | 20525   | 1.4      | 6       | 0         | 1.070                        | Fig.14 |
| 5    | 16QAM | 848.3                   | 20643   | 1.4      | 6       | 0         | 1.070                        | Fig.15 |
| 5    | 16QAM | 825.5                   | 20415   | 3        | 15      | 0         | 2.680                        | Fig.16 |
| 5    | 16QAM | 836.5                   | 20525   | 3        | 15      | 0         | 2.680                        | Fig.17 |
| 5    | 16QAM | 847.5                   | 20635   | 3        | 15      | 0         | 2.680                        | Fig.18 |
| 5    | 16QAM | 826.5                   | 20425   | 5        | 25      | 0         | 4.450                        | Fig.19 |
| 5    | 16QAM | 836.5                   | 20525   | 5        | 25      | 0         | 4.460                        | Fig.20 |
| 5    | 16QAM | 846.5                   | 20625   | 5        | 25      | 0         | 4.440                        | Fig.21 |
| 5    | 16QAM | 829                     | 20450   | 10       | 50      | 0         | 8.910                        | Fig.22 |
| 5    | 16QAM | 836.5                   | 20525   | 10       | 50      | 0         | 8.910                        | Fig.23 |
| 5    | 16QAM | 844                     | 20600   | 10       | 50      | 0         | 8.920                        | 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         | 2.680                        | Fig.28 |
| 5    | 64QAM | 836.5                   | 20525   | 3        | 15      | 0         | 2.680                        | Fig.29 |
| 5    | 64QAM | 847.5                   | 20635   | 3        | 15      | 0         | 2.680                        | Fig.30 |
| 5    | 64QAM | 826.5                   | 20425   | 5        | 25      | 0         | 4.440                        | Fig.31 |
| 5    | 64QAM | 836.5                   | 20525   | 5        | 25      | 0         | 4.460                        | Fig.32 |
| 5    | 64QAM | 846.5                   | 20625   | 5        | 25      | 0         | 4.460                        | Fig.33 |
| 5    | 64QAM | 829                     | 20450   | 10       | 50      | 0         | 8.910                        | Fig.34 |
| 5    | 64QAM | 836.5                   | 20525   | 10       | 50      | 0         | 8.920                        | Fig.35 |
| 5    | 64QAM | 844                     | 20600   | 10       | 50      | 0         | 8.900                        | Fig.36 |

Test Mode: QPSK

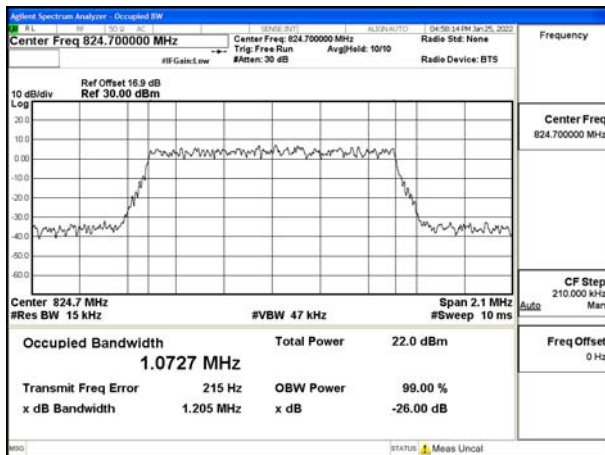


Fig.1

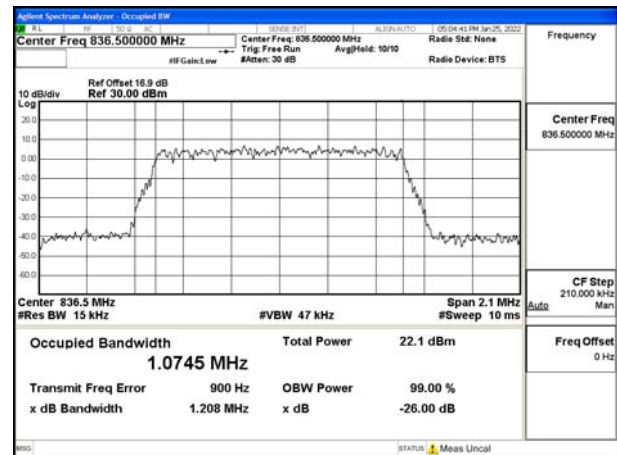


Fig.2

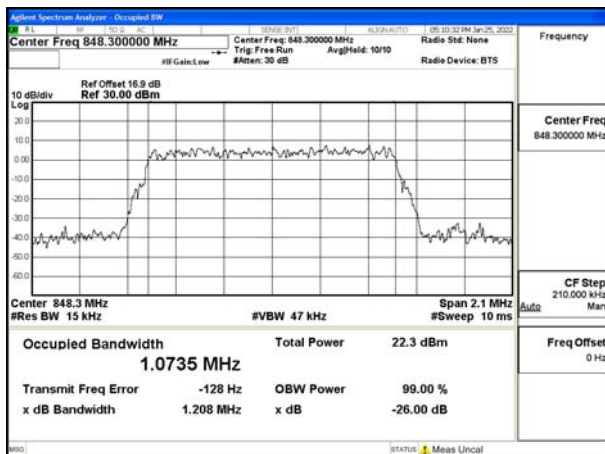


Fig.3

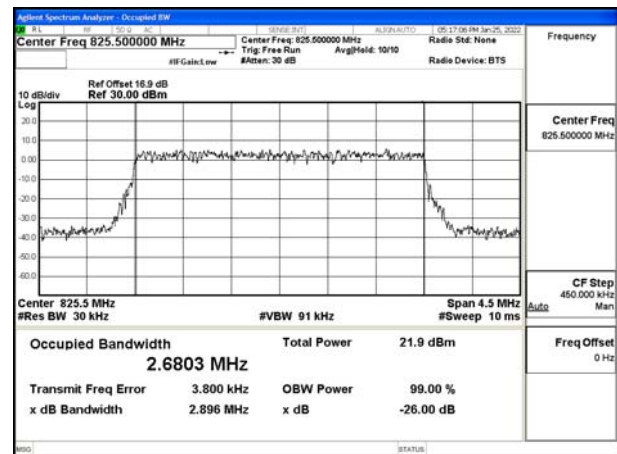


Fig.4

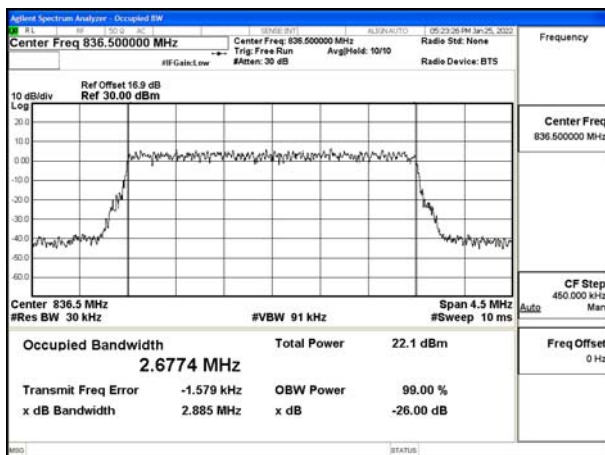


Fig.5

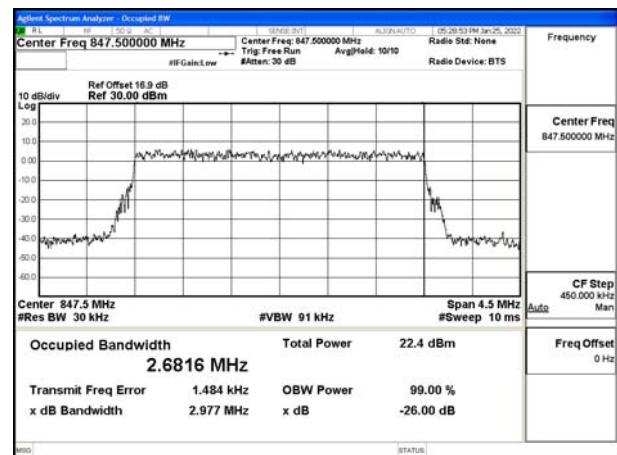


Fig.6

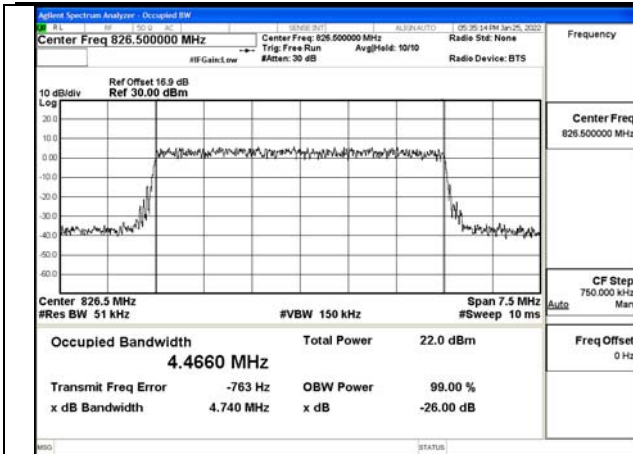


Fig.7

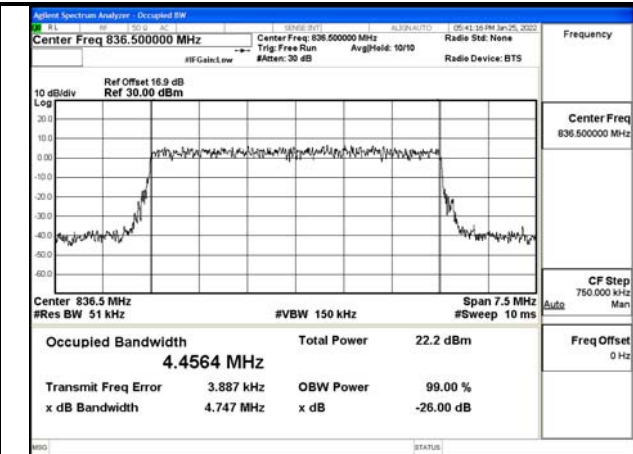


Fig.8

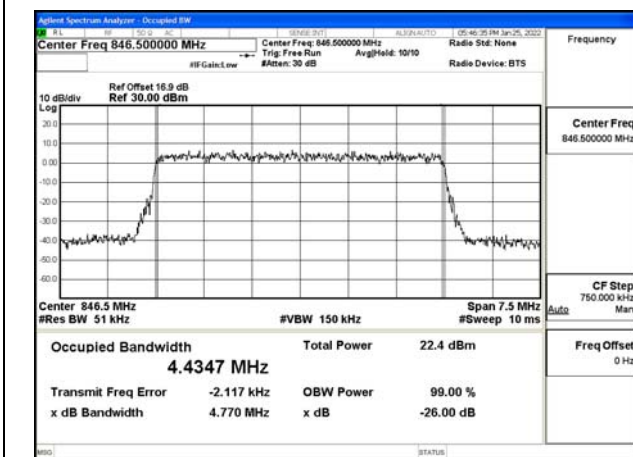


Fig.9

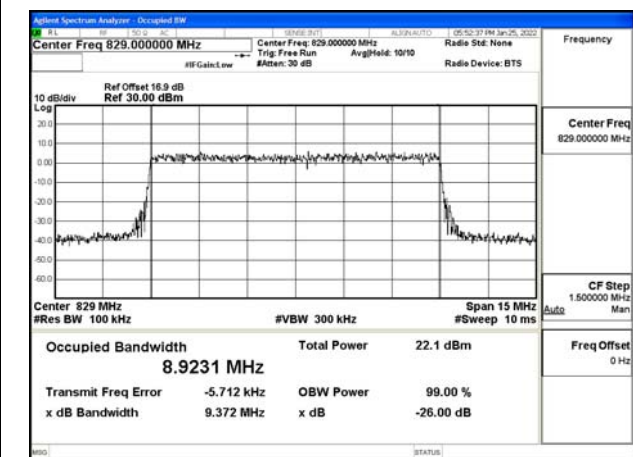


Fig.10

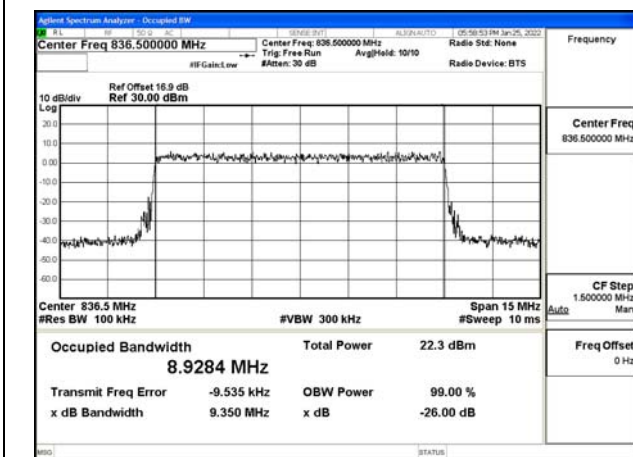


Fig.11

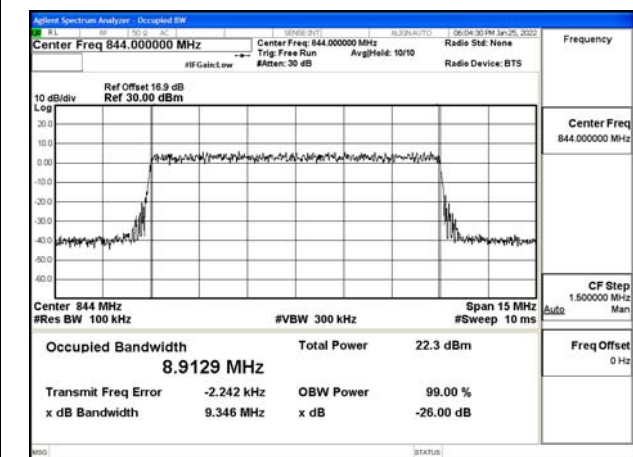


Fig.12

Test Mode: 16QAM

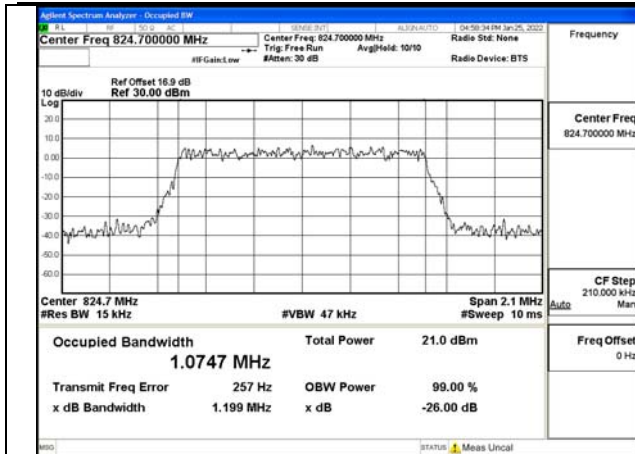


Fig.13

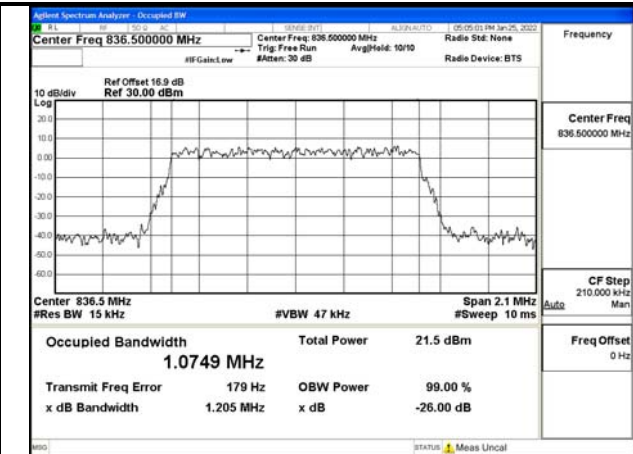


Fig.14

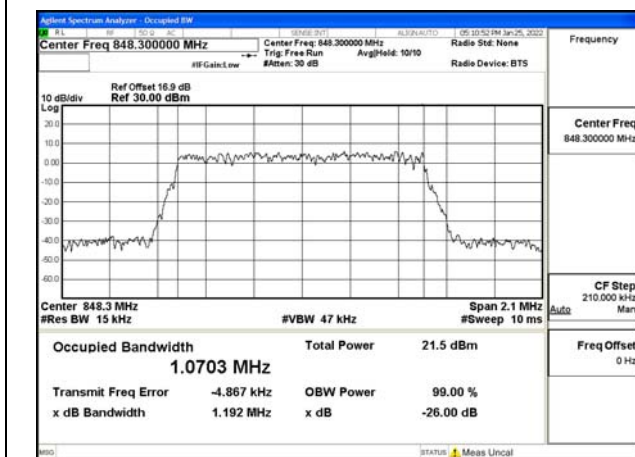


Fig.15

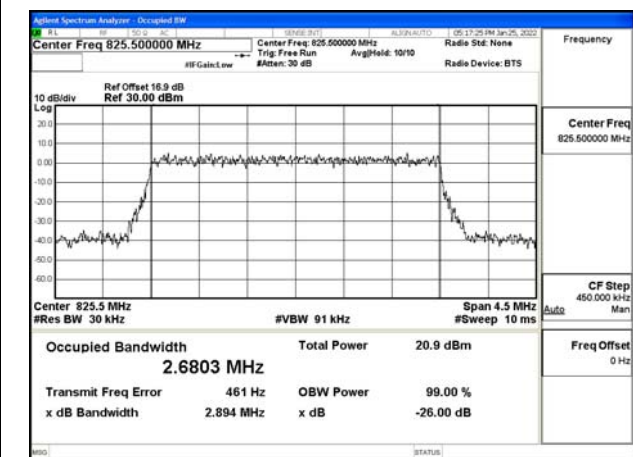


Fig.16

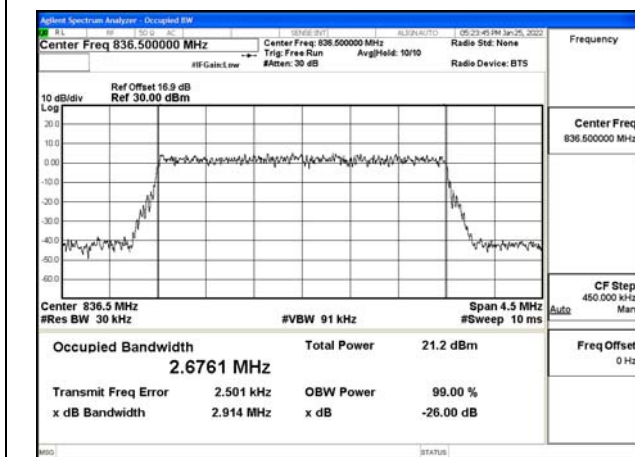


Fig.17

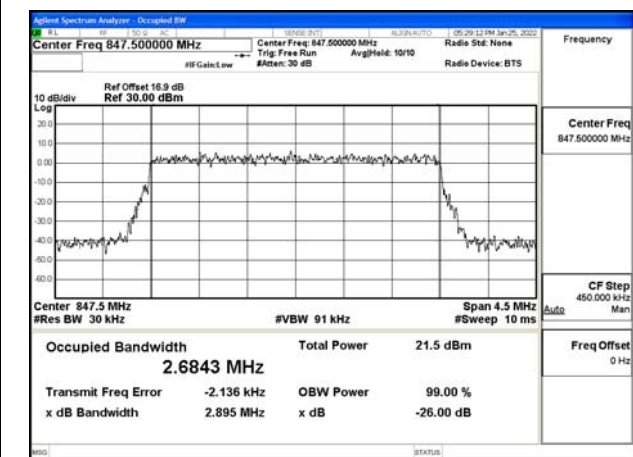


Fig.18

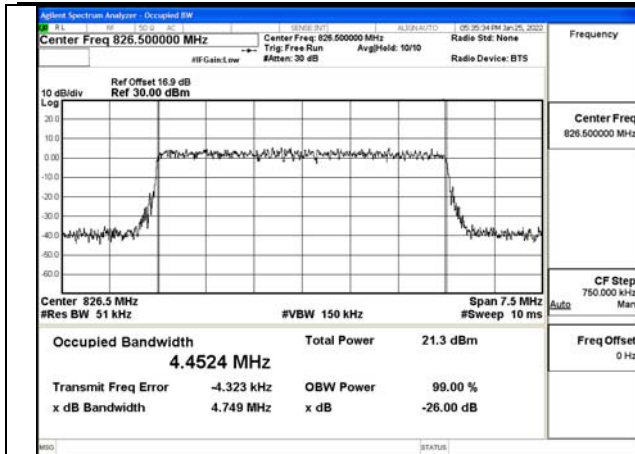


Fig.19

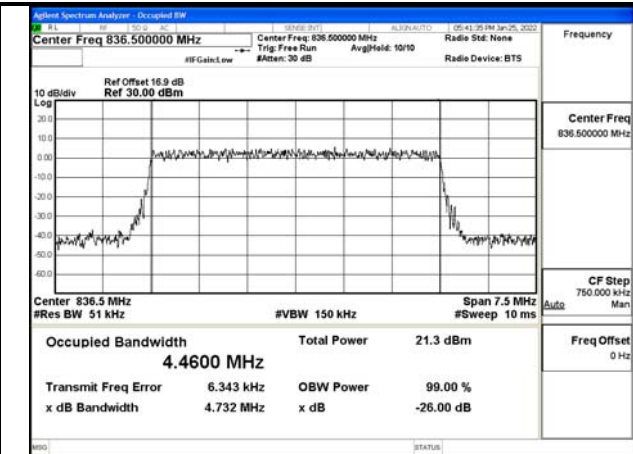


Fig.20

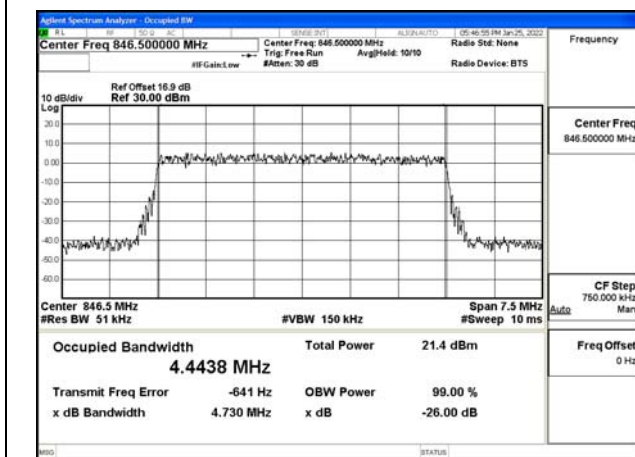


Fig.21

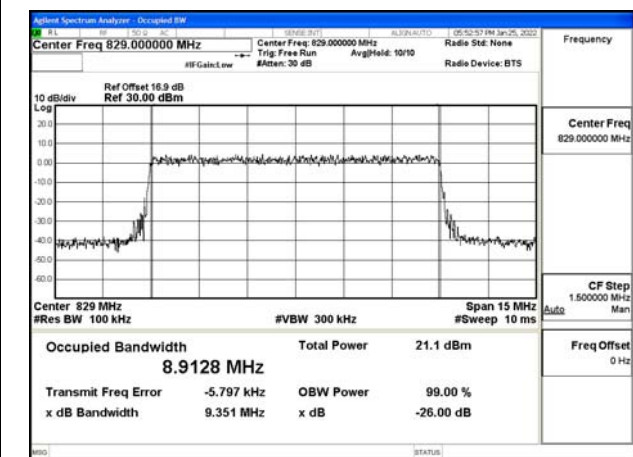


Fig.22

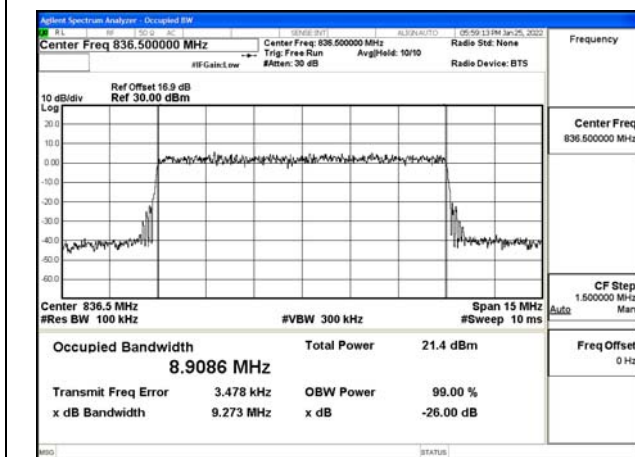


Fig.23

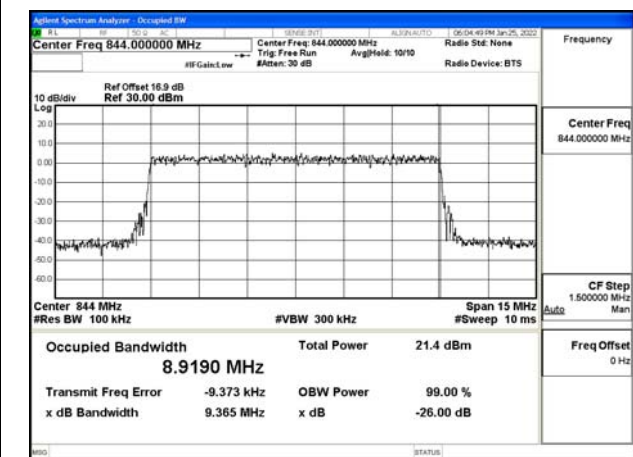


Fig.24

Test Mode: 64QAM

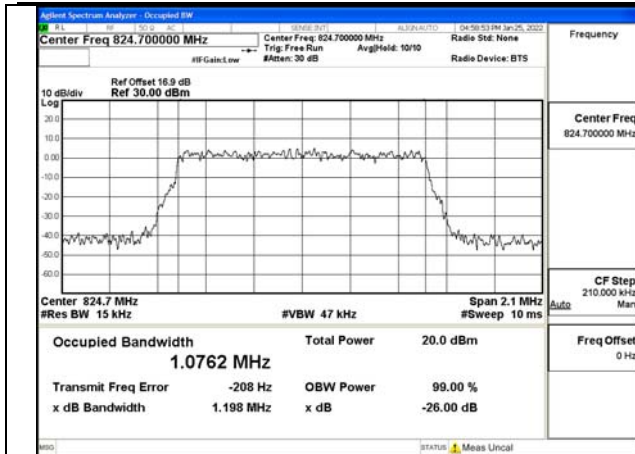


Fig.25

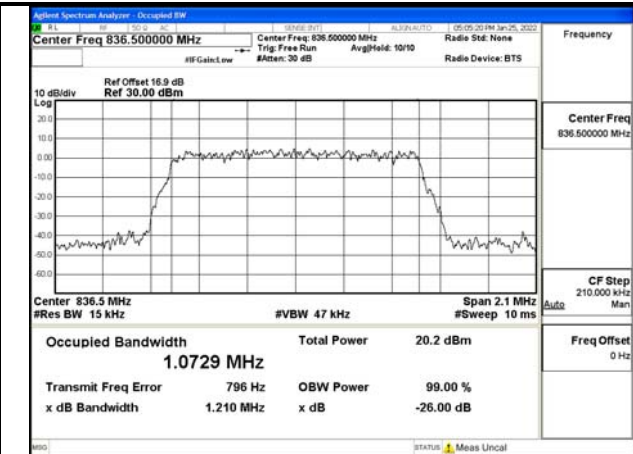


Fig.26

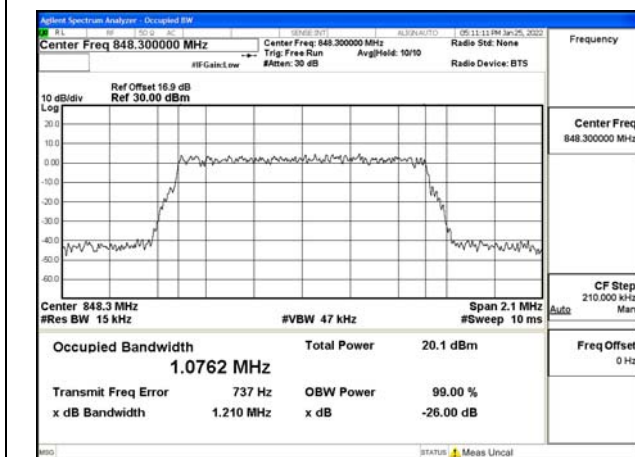


Fig.27

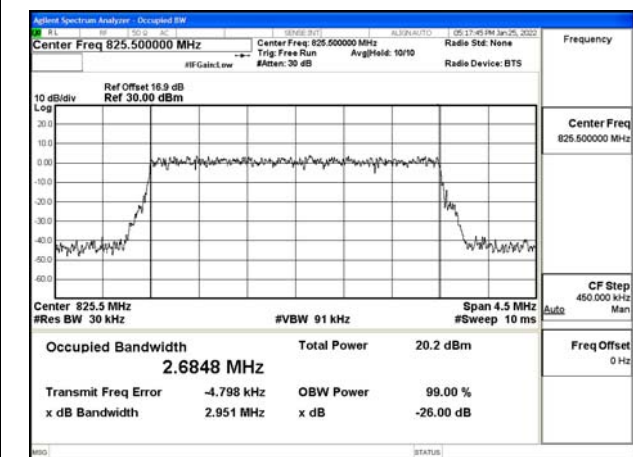


Fig.28

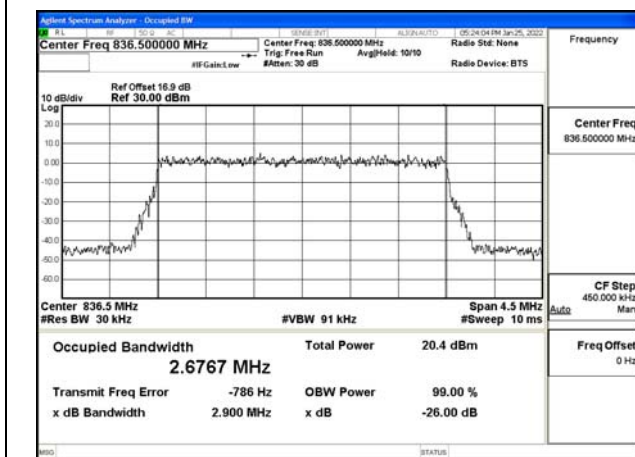


Fig.29

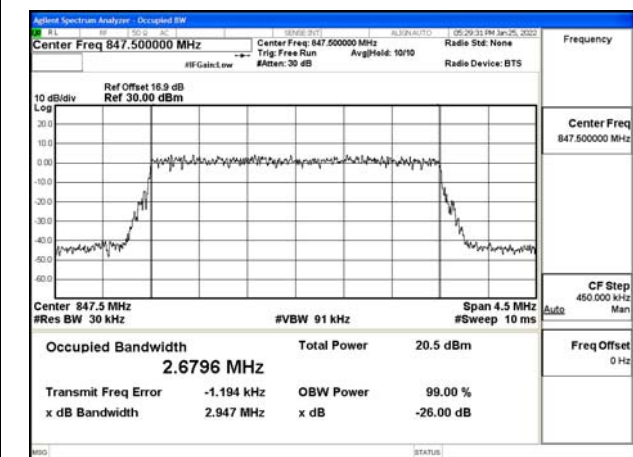


Fig.30

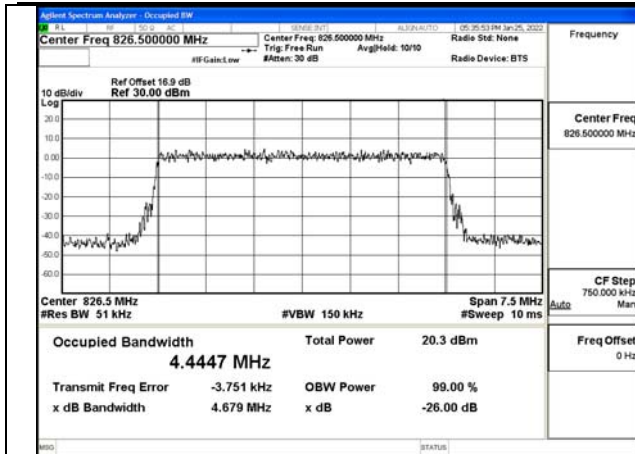


Fig.31

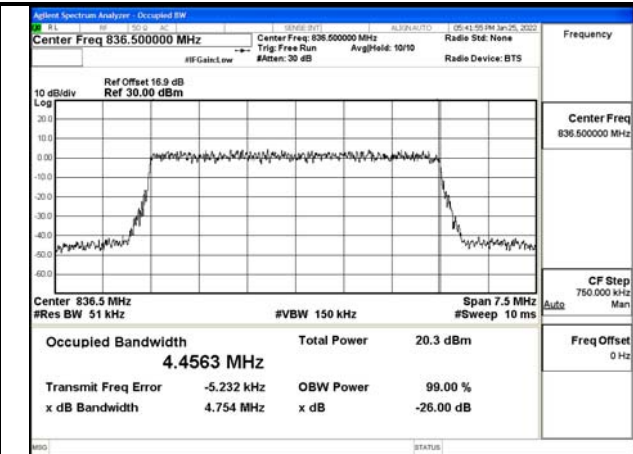


Fig.32

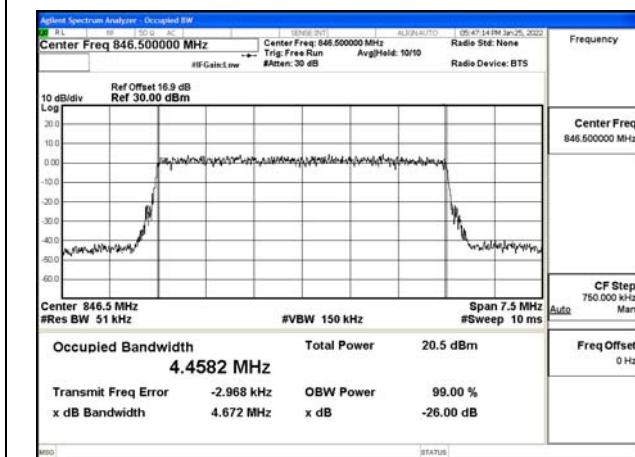


Fig.33

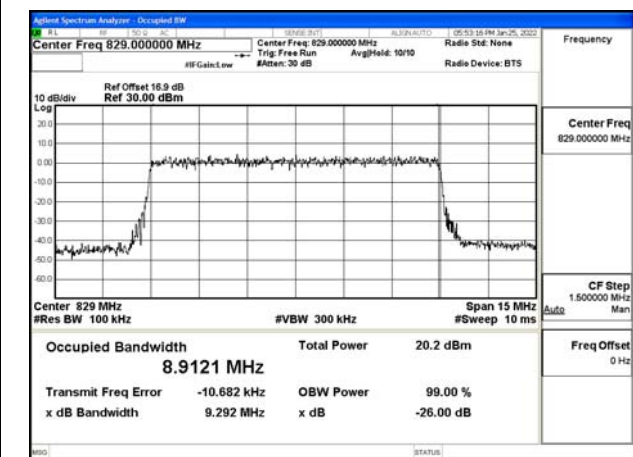


Fig.34

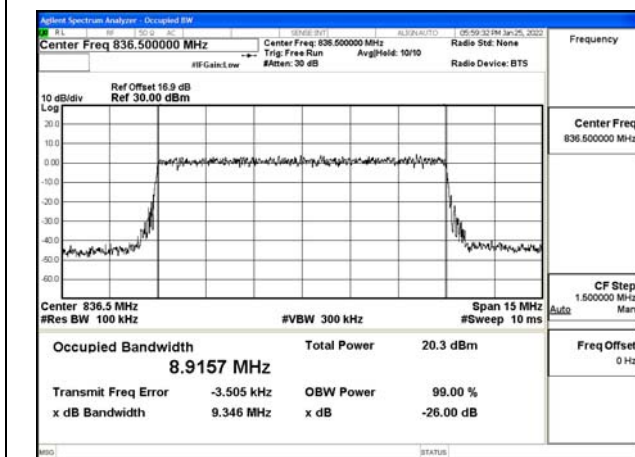


Fig.35

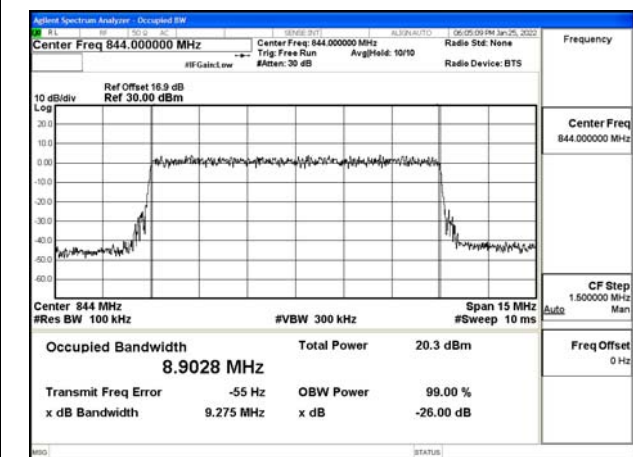


Fig.36

### 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         | 1.200                                      | Fig.1  |
| 5    | QPSK | 836.5                   | 20525   | 1.4      | 6       | 0         | 1.210                                      | Fig.2  |
| 5    | QPSK | 848.3                   | 20643   | 1.4      | 6       | 0         | 1.210                                      | Fig.3  |
| 5    | QPSK | 825.5                   | 20415   | 3        | 15      | 0         | 2.900                                      | Fig.4  |
| 5    | QPSK | 836.5                   | 20525   | 3        | 15      | 0         | 2.880                                      | Fig.5  |
| 5    | QPSK | 847.5                   | 20635   | 3        | 15      | 0         | 2.980                                      | Fig.6  |
| 5    | QPSK | 826.5                   | 20425   | 5        | 25      | 0         | 4.740                                      | Fig.7  |
| 5    | QPSK | 836.5                   | 20525   | 5        | 25      | 0         | 4.750                                      | Fig.8  |
| 5    | QPSK | 846.5                   | 20625   | 5        | 25      | 0         | 4.770                                      | Fig.9  |
| 5    | QPSK | 829                     | 20450   | 10       | 50      | 0         | 9.370                                      | Fig.10 |
| 5    | QPSK | 836.5                   | 20525   | 10       | 50      | 0         | 9.350                                      | Fig.11 |
| 5    | QPSK | 844                     | 20600   | 10       | 50      | 0         | 9.350                                      | 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         | 1.200                                      | Fig.13 |
| 5    | 16QAM | 836.5                   | 20525   | 1.4      | 6       | 0         | 1.200                                      | Fig.14 |
| 5    | 16QAM | 848.3                   | 20643   | 1.4      | 6       | 0         | 1.190                                      | Fig.15 |
| 5    | 16QAM | 825.5                   | 20415   | 3        | 15      | 0         | 2.890                                      | Fig.16 |
| 5    | 16QAM | 836.5                   | 20525   | 3        | 15      | 0         | 2.910                                      | Fig.17 |
| 5    | 16QAM | 847.5                   | 20635   | 3        | 15      | 0         | 2.900                                      | Fig.18 |
| 5    | 16QAM | 826.5                   | 20425   | 5        | 25      | 0         | 4.750                                      | Fig.19 |
| 5    | 16QAM | 836.5                   | 20525   | 5        | 25      | 0         | 4.730                                      | Fig.20 |
| 5    | 16QAM | 846.5                   | 20625   | 5        | 25      | 0         | 4.730                                      | Fig.21 |
| 5    | 16QAM | 829                     | 20450   | 10       | 50      | 0         | 9.350                                      | Fig.22 |
| 5    | 16QAM | 836.5                   | 20525   | 10       | 50      | 0         | 9.270                                      | Fig.23 |
| 5    | 16QAM | 844                     | 20600   | 10       | 50      | 0         | 9.360                                      | 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         | 1.200                                      | Fig.25 |
| 5    | 64QAM | 836.5                   | 20525   | 1.4      | 6       | 0         | 1.210                                      | Fig.26 |
| 5    | 64QAM | 848.3                   | 20643   | 1.4      | 6       | 0         | 1.210                                      | Fig.27 |
| 5    | 64QAM | 825.5                   | 20415   | 3        | 15      | 0         | 2.950                                      | Fig.28 |
| 5    | 64QAM | 836.5                   | 20525   | 3        | 15      | 0         | 2.900                                      | Fig.29 |
| 5    | 64QAM | 847.5                   | 20635   | 3        | 15      | 0         | 2.950                                      | Fig.30 |
| 5    | 64QAM | 826.5                   | 20425   | 5        | 25      | 0         | 4.680                                      | Fig.31 |
| 5    | 64QAM | 836.5                   | 20525   | 5        | 25      | 0         | 4.750                                      | Fig.32 |
| 5    | 64QAM | 846.5                   | 20625   | 5        | 25      | 0         | 4.670                                      | Fig.33 |
| 5    | 64QAM | 829                     | 20450   | 10       | 50      | 0         | 9.290                                      | Fig.34 |
| 5    | 64QAM | 836.5                   | 20525   | 10       | 50      | 0         | 9.350                                      | Fig.35 |
| 5    | 64QAM | 844                     | 20600   | 10       | 50      | 0         | 9.280                                      | Fig.36 |

Test Mode: QPSK

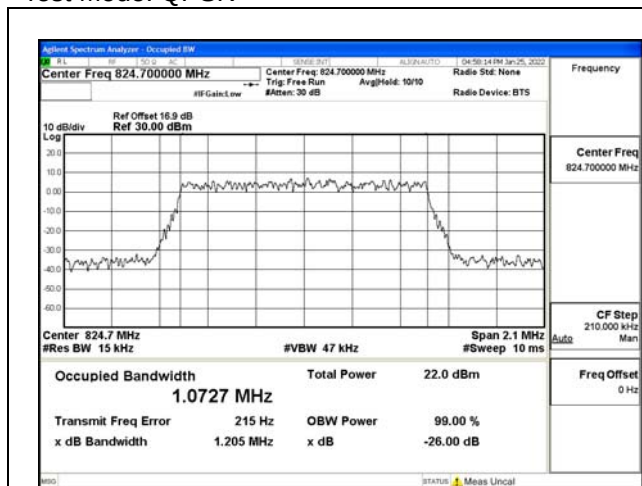


Fig.1

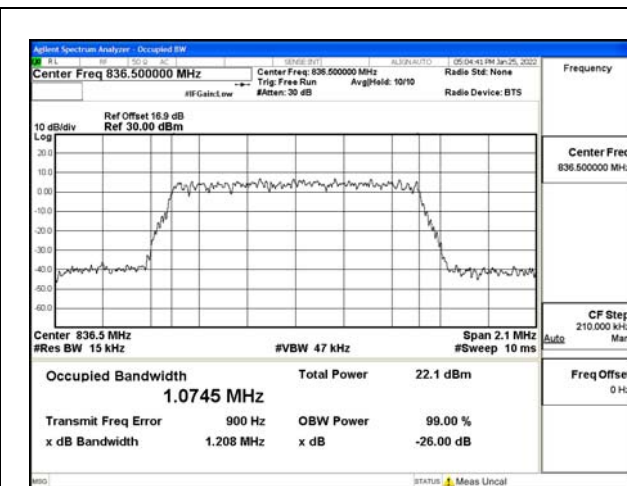


Fig.2

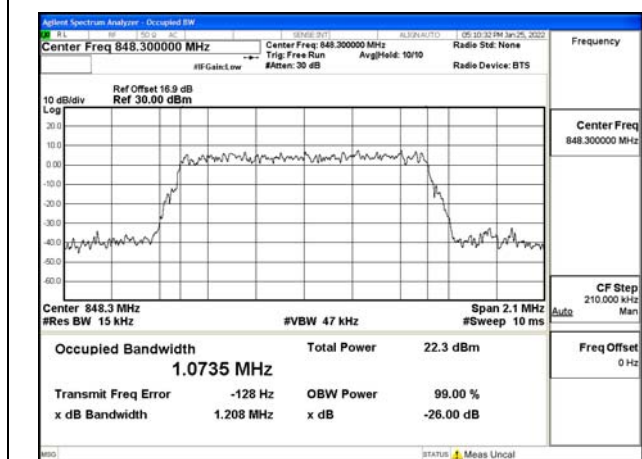


Fig.3

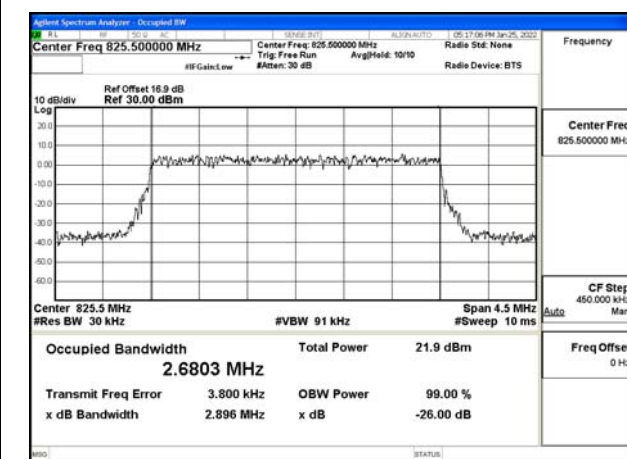


Fig.4

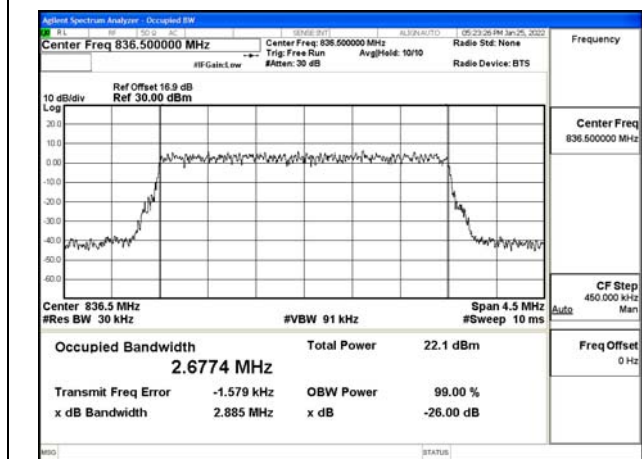


Fig.5

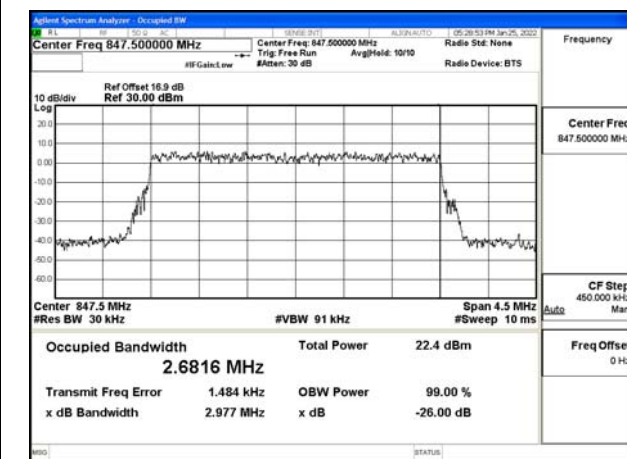


Fig.6

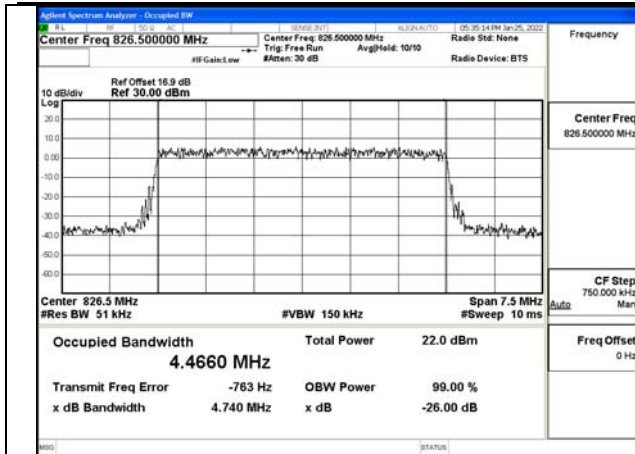


Fig.7

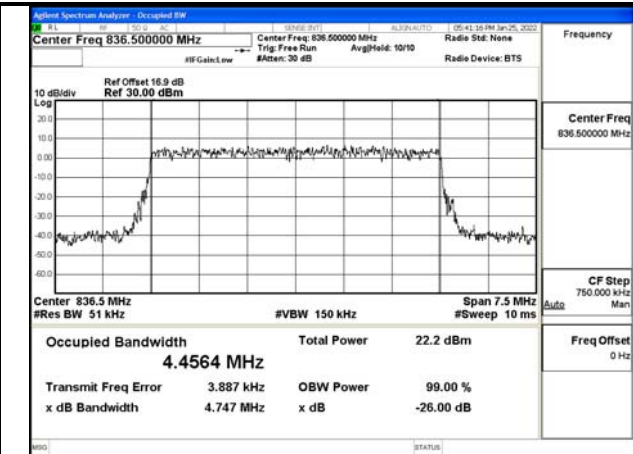


Fig.8

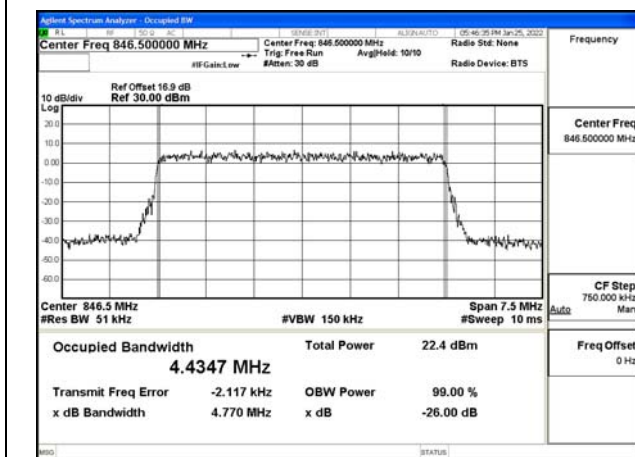


Fig.9

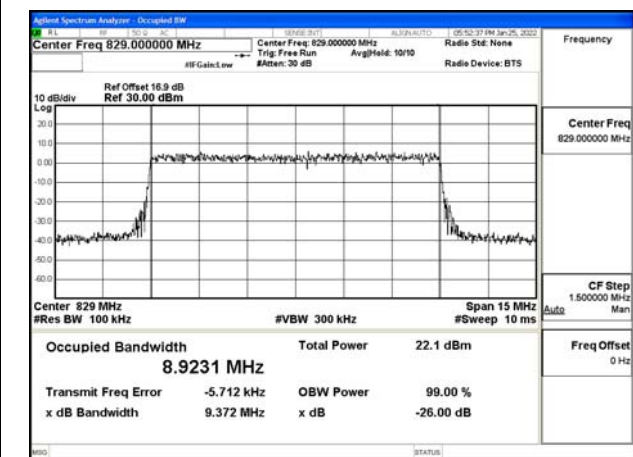


Fig.10

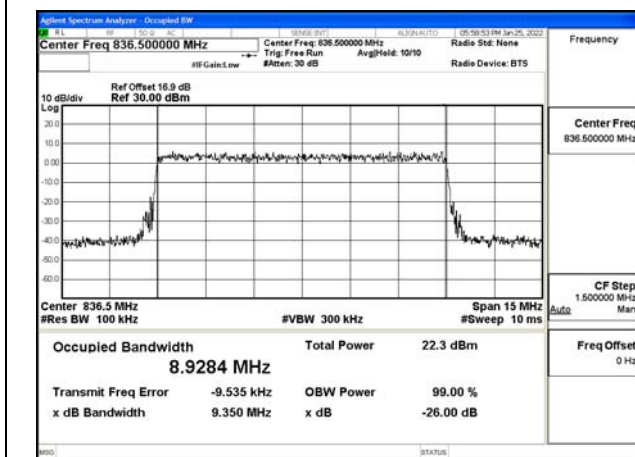


Fig.11

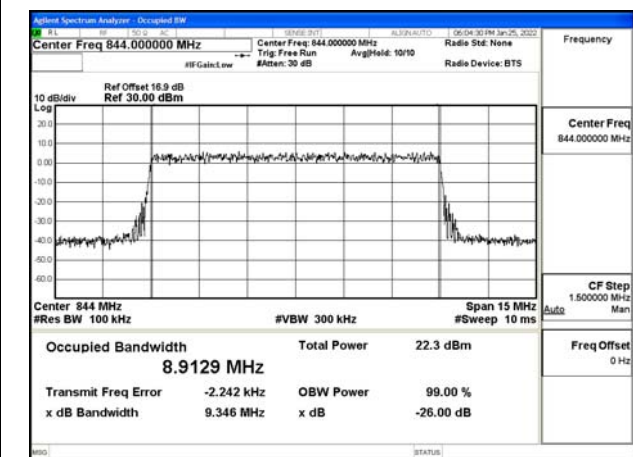


Fig.12

Test Mode: 16QAM

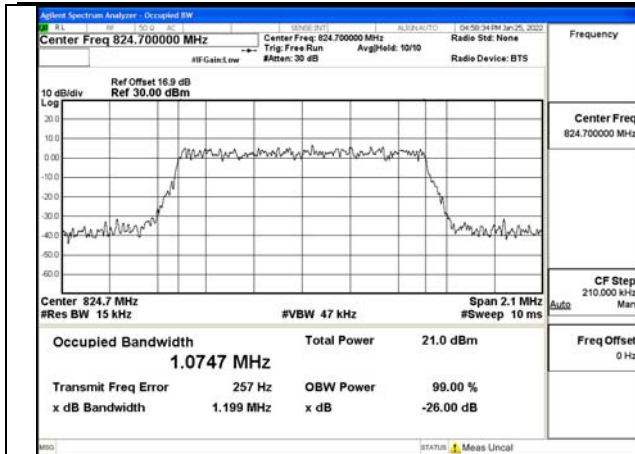


Fig.13

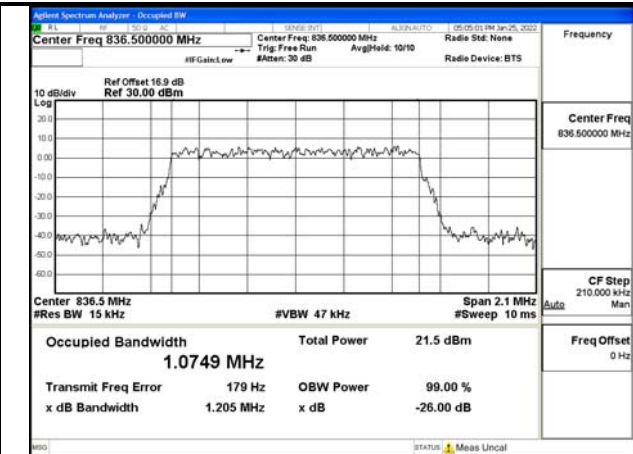


Fig.14

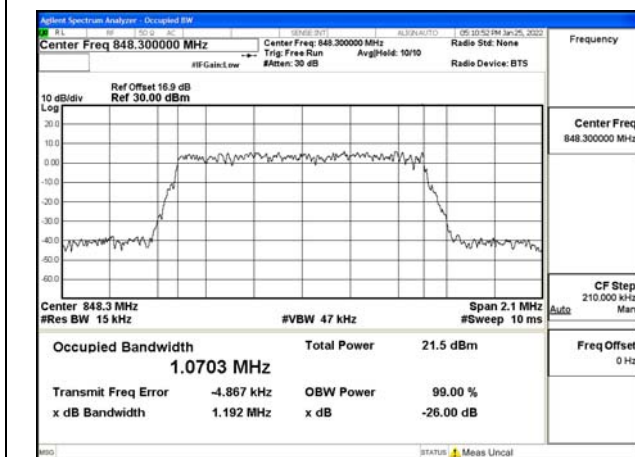


Fig.15

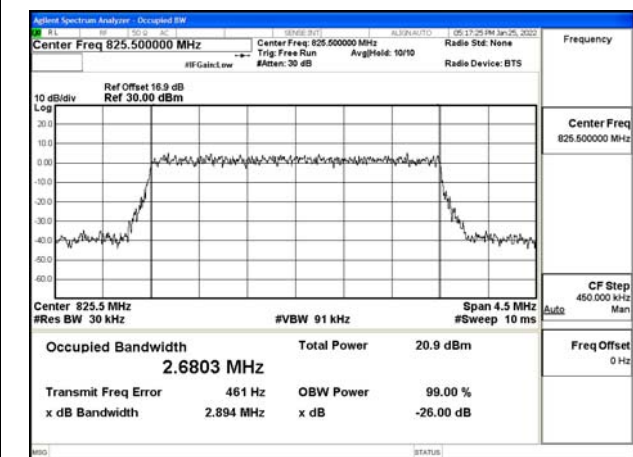


Fig.16

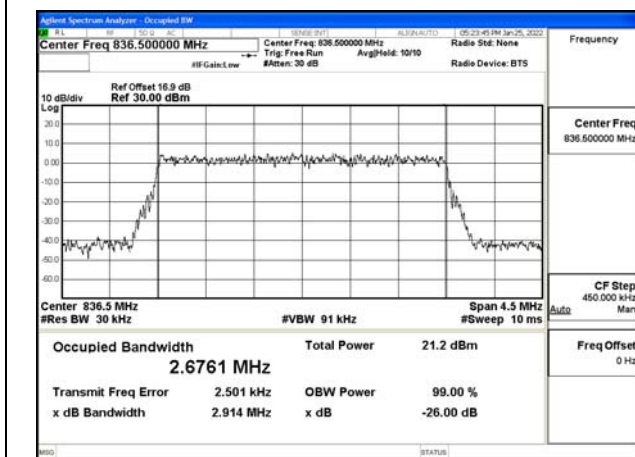


Fig.17

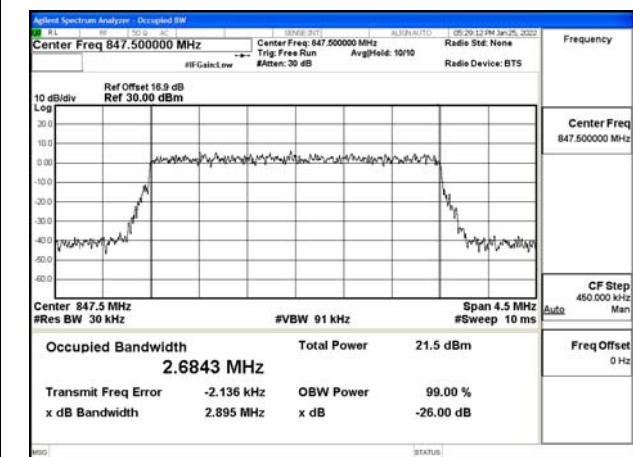


Fig.18

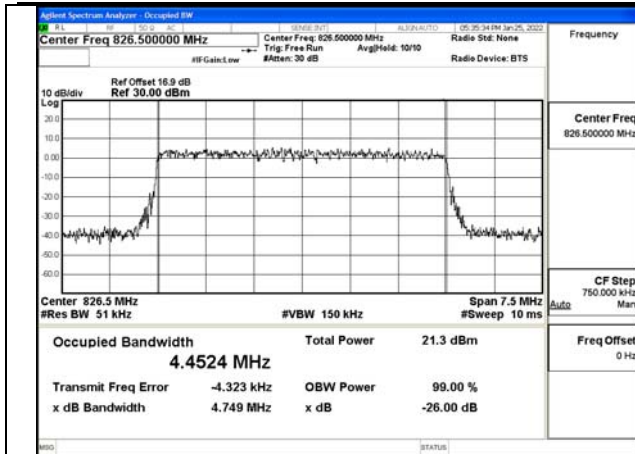


Fig.19

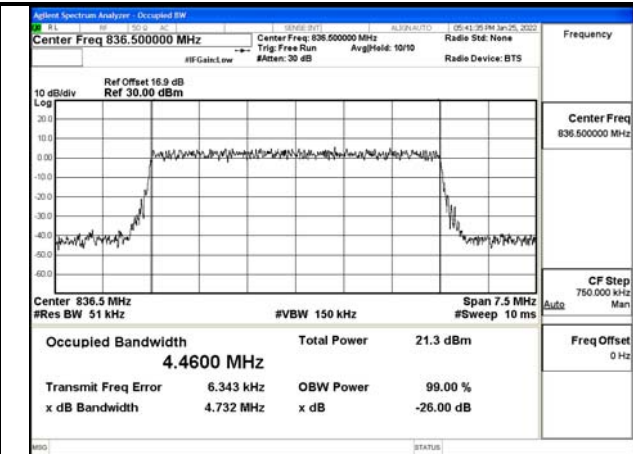


Fig.20

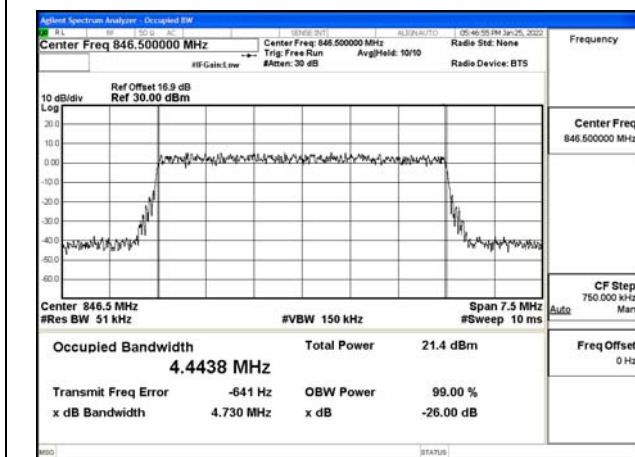


Fig.21

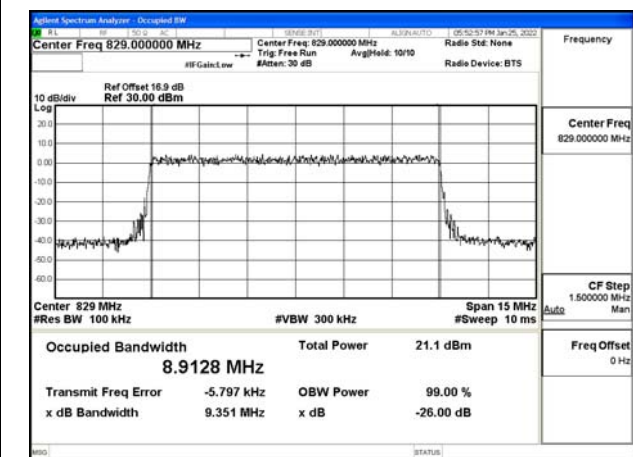


Fig.22

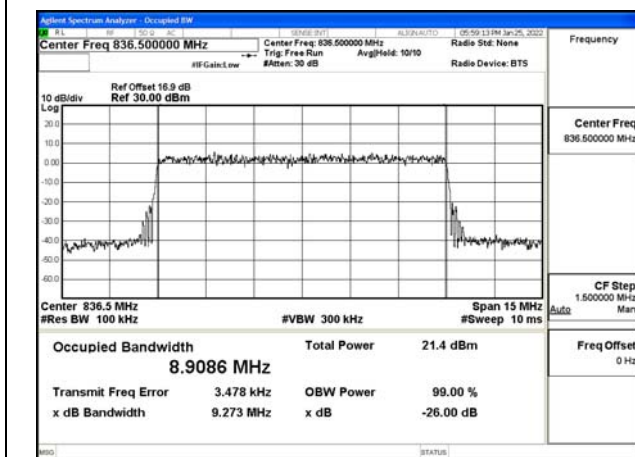


Fig.23

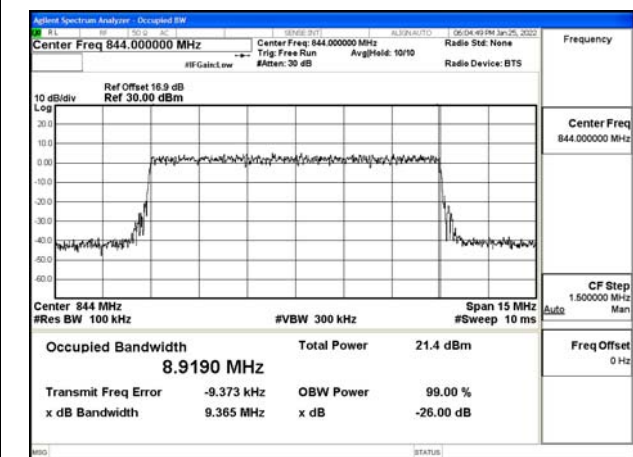


Fig.24

Test Mode: 64QAM

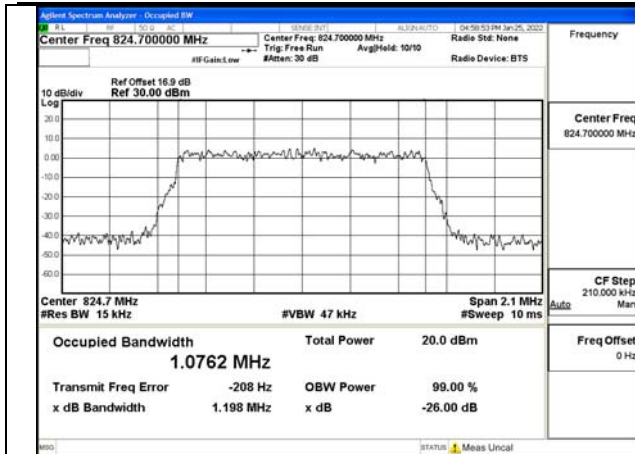


Fig.25

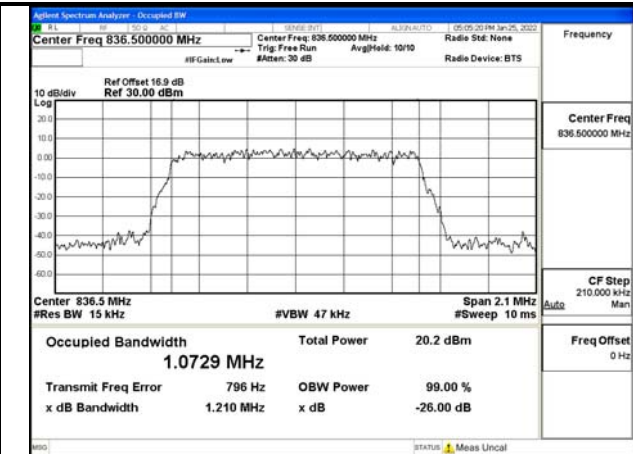


Fig.26

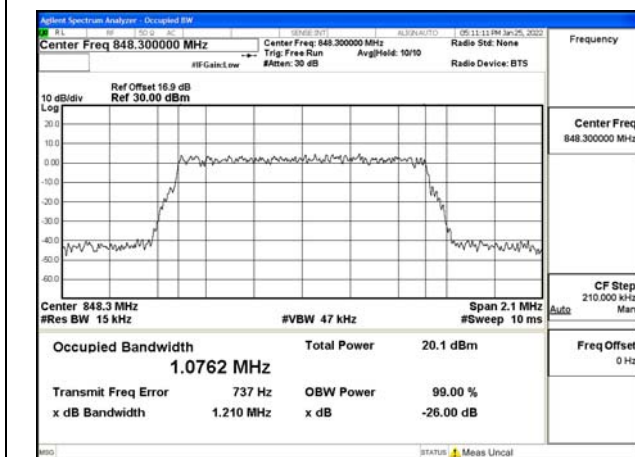


Fig.27

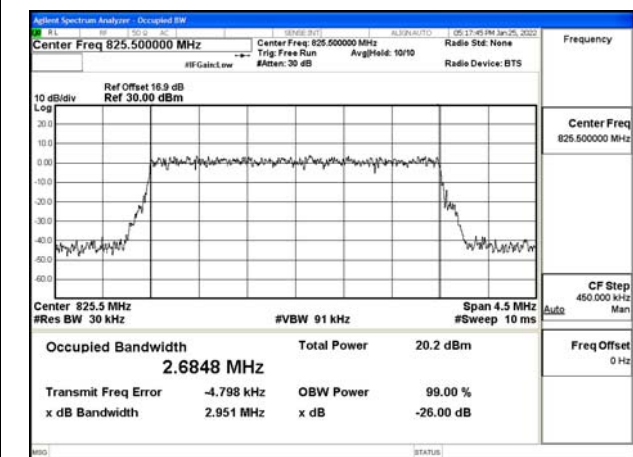


Fig.28

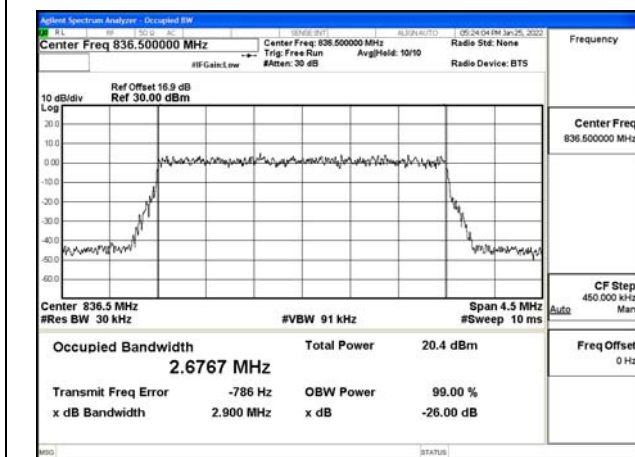


Fig.29

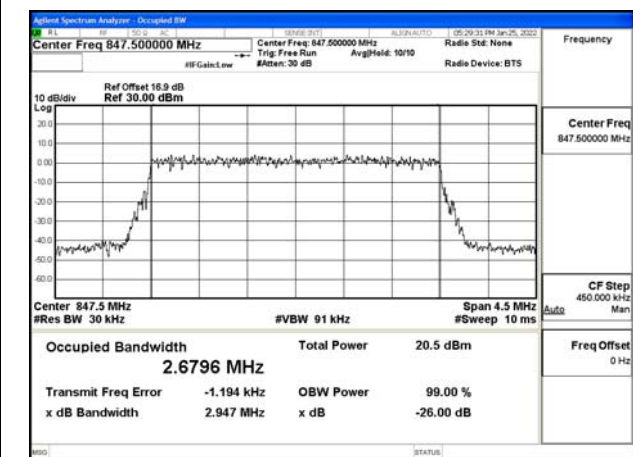


Fig.30

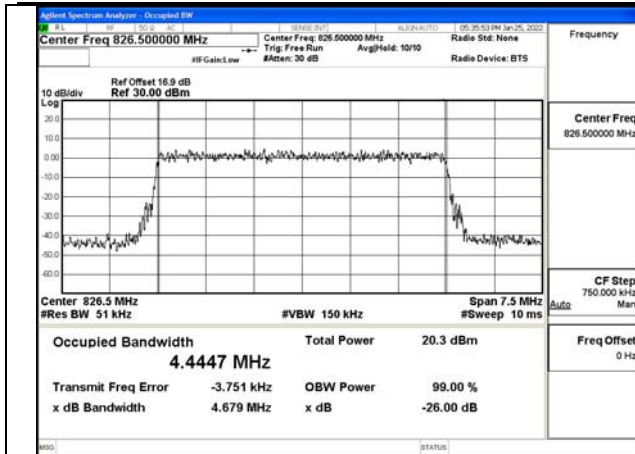


Fig.31

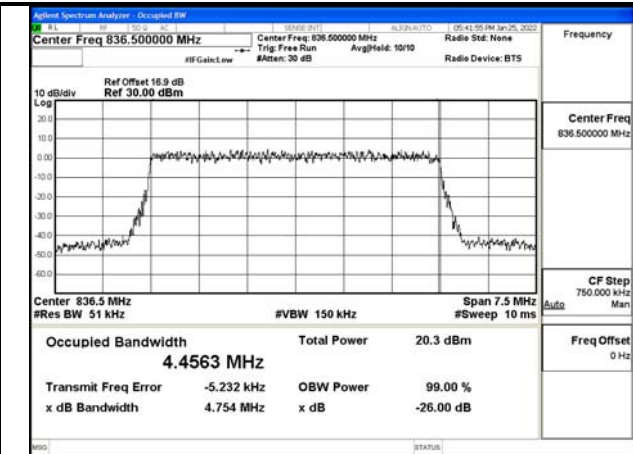


Fig.32

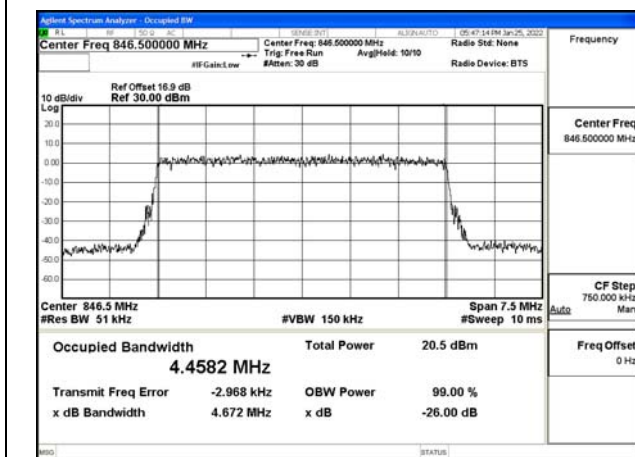


Fig.33

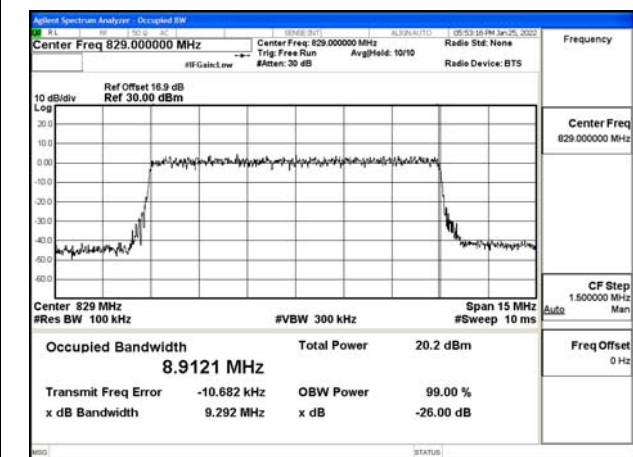


Fig.34

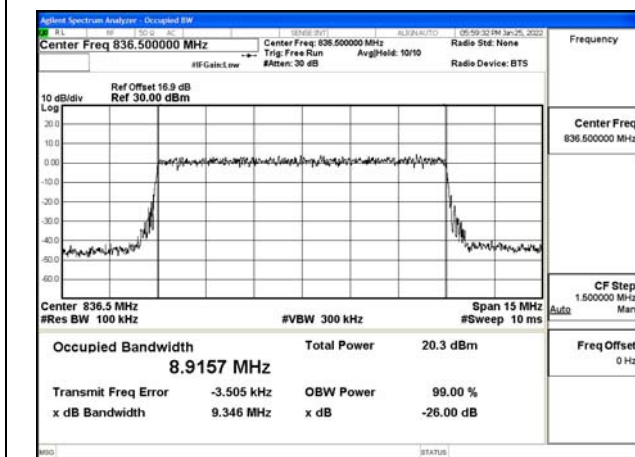


Fig.35

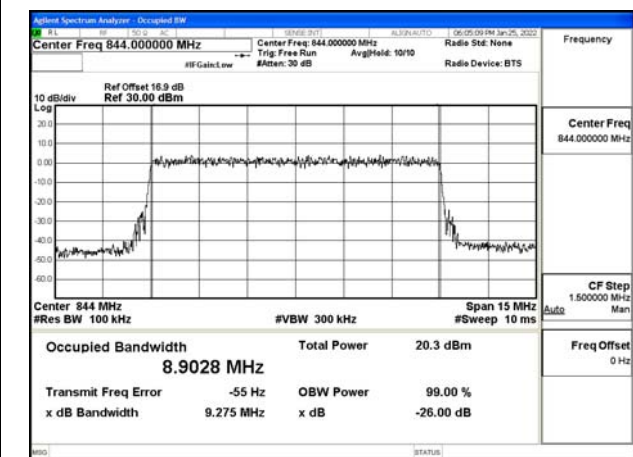


Fig.36

#### 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 |

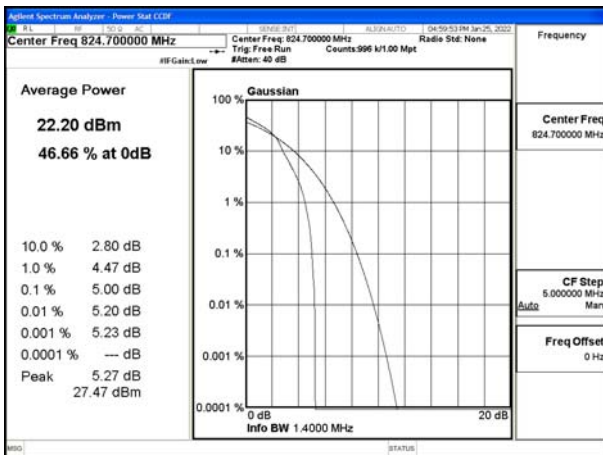


Fig.1

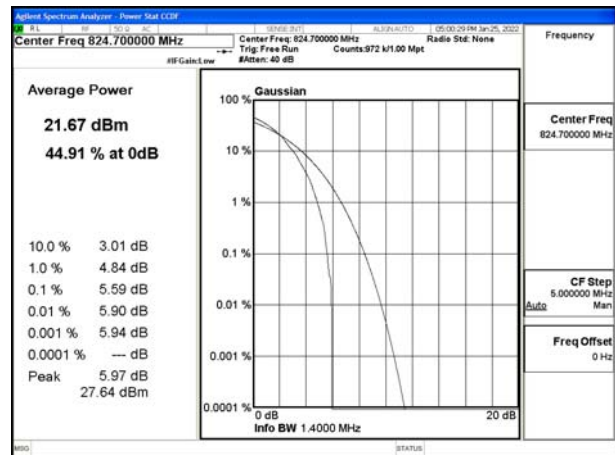


Fig.2

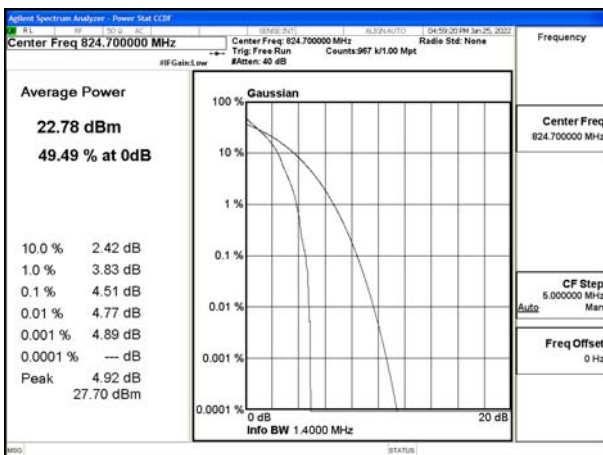


Fig.3

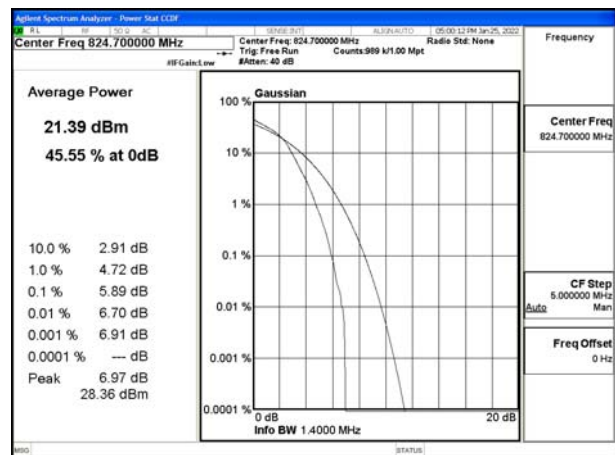


Fig.4

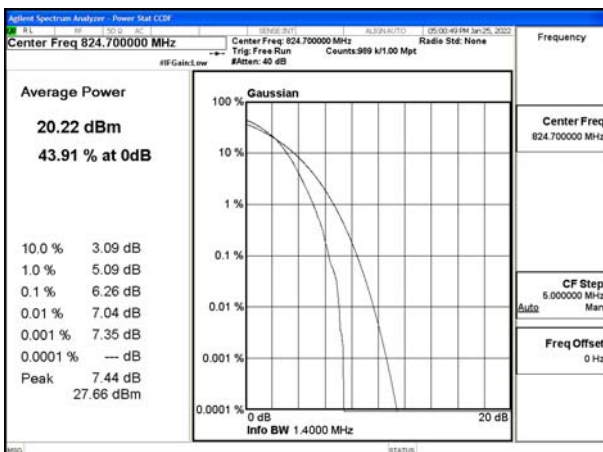


Fig.5

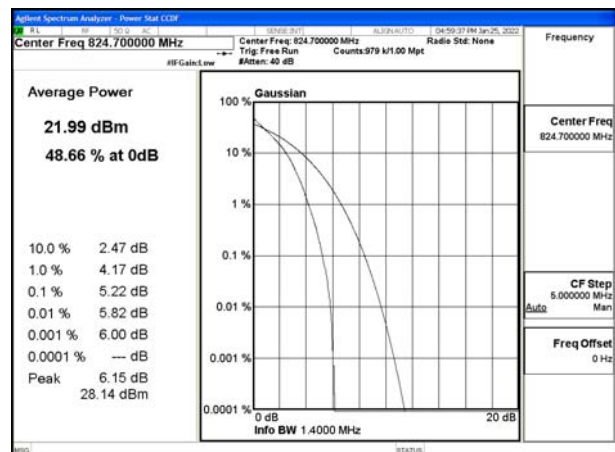


Fig.6

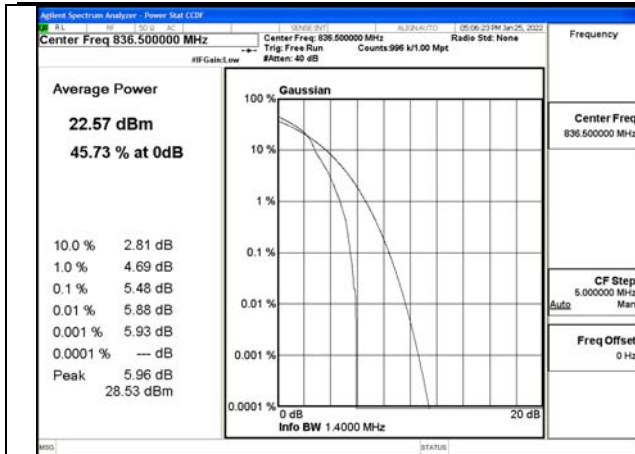


Fig.7

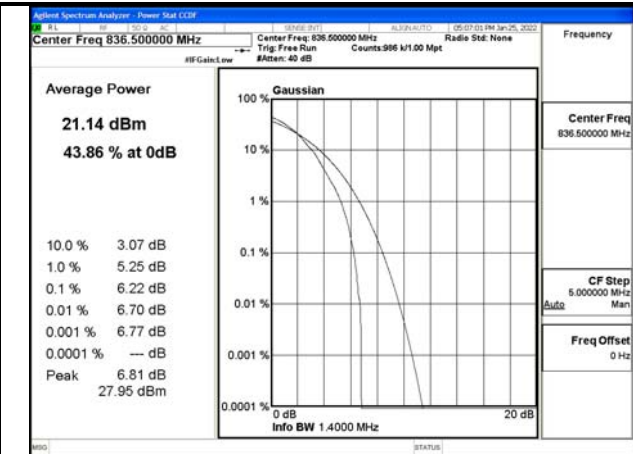


Fig.8

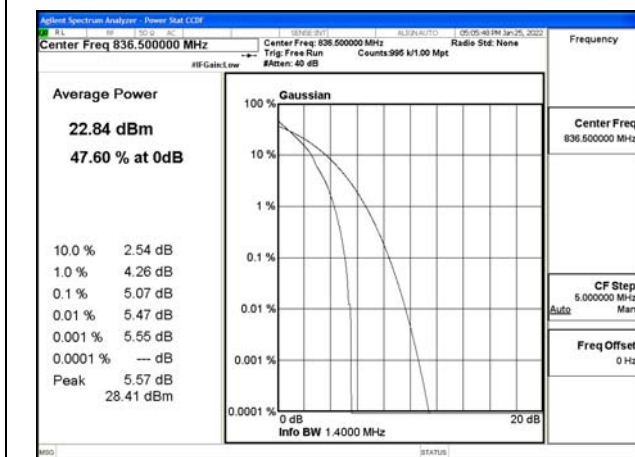


Fig.9

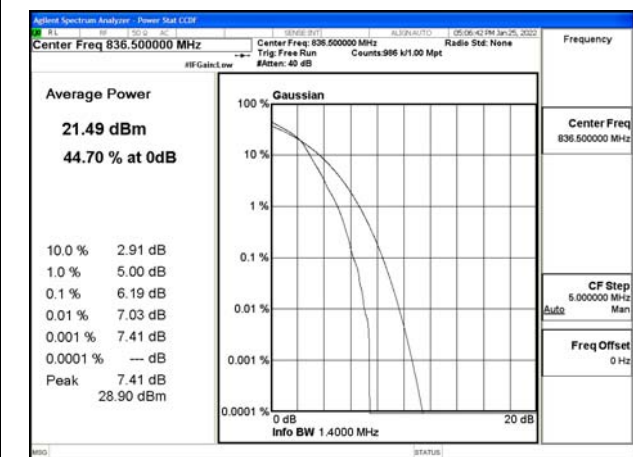


Fig.10

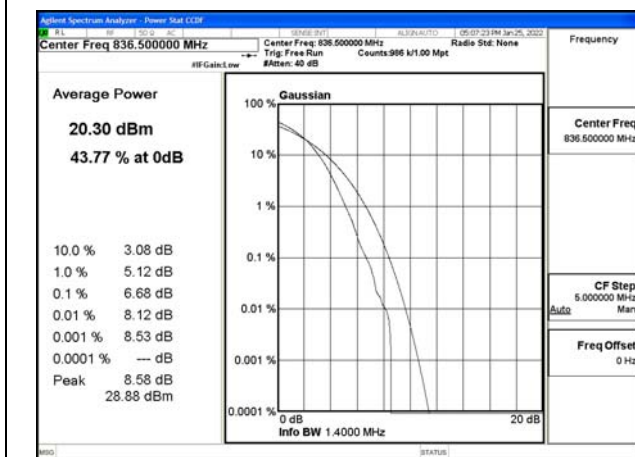


Fig.11

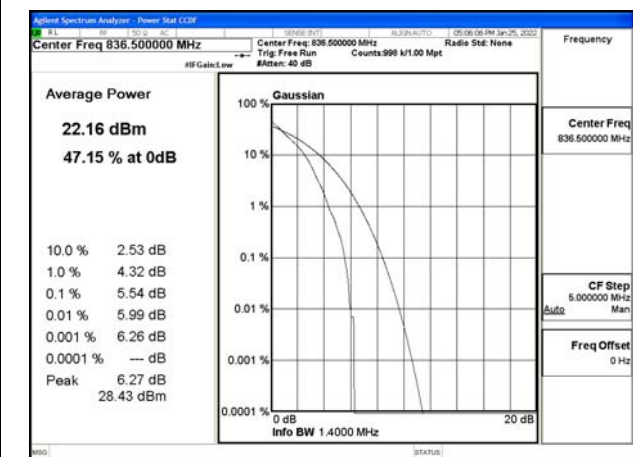


Fig.12

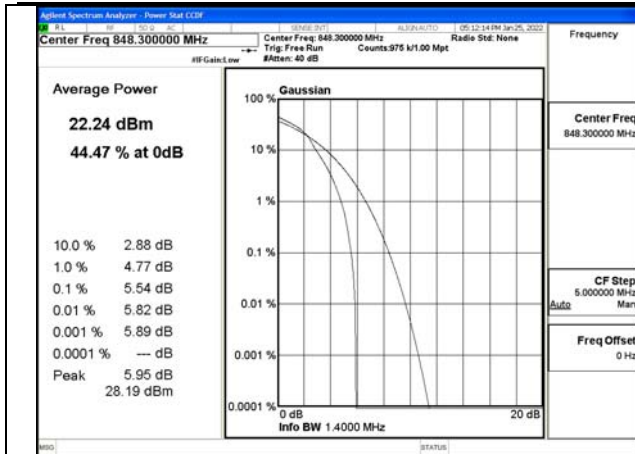


Fig.13

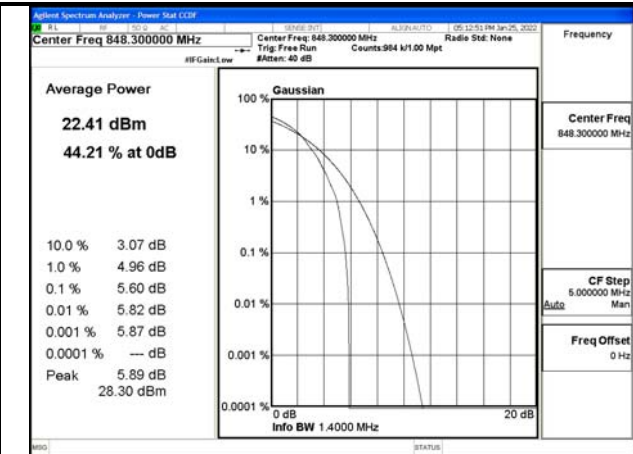


Fig.14

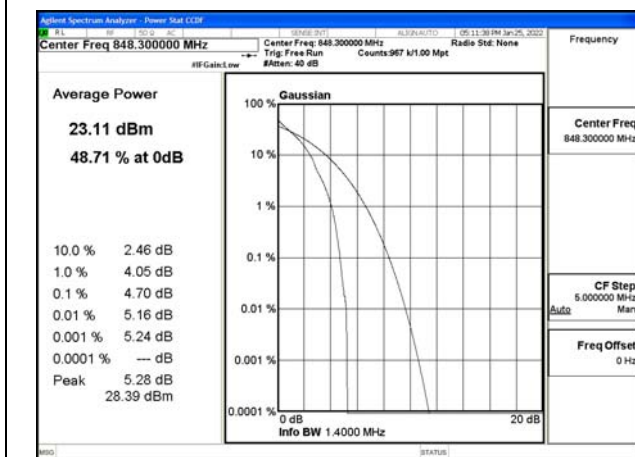


Fig.15

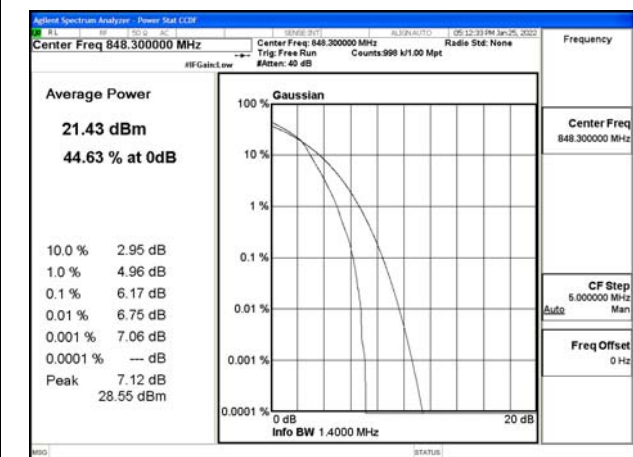


Fig.16

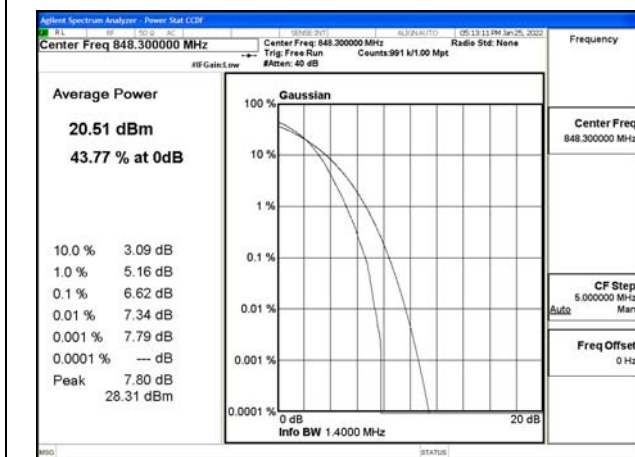


Fig.17

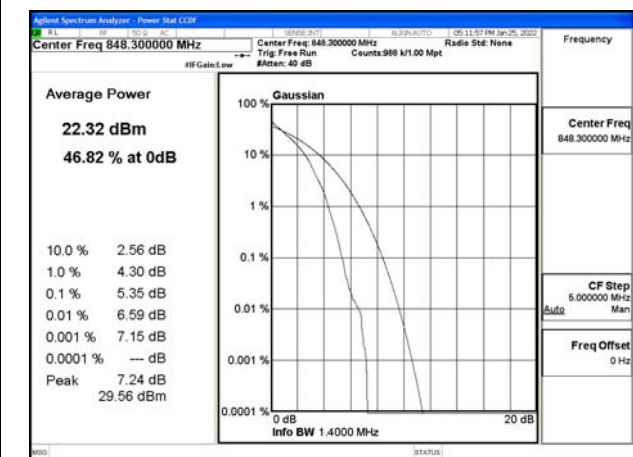


Fig.18

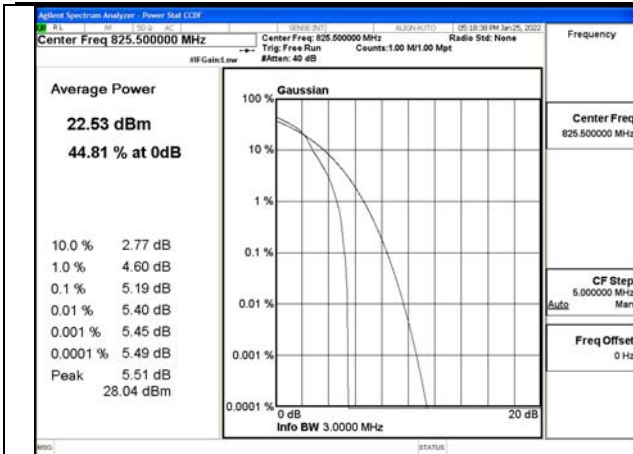


Fig.19

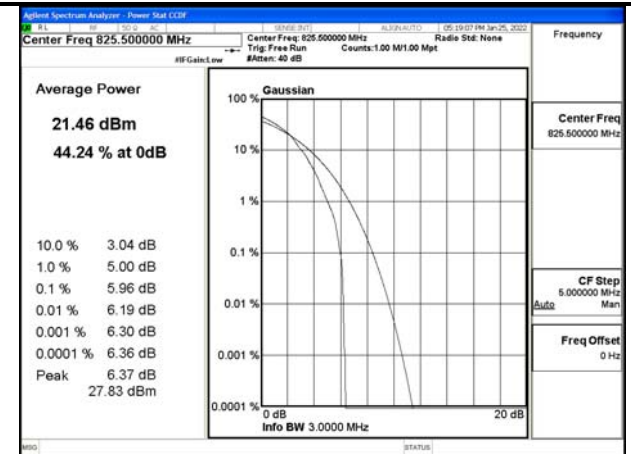


Fig.20

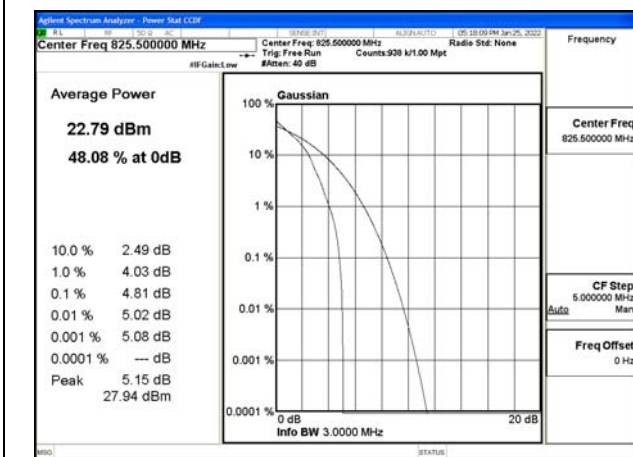


Fig.21

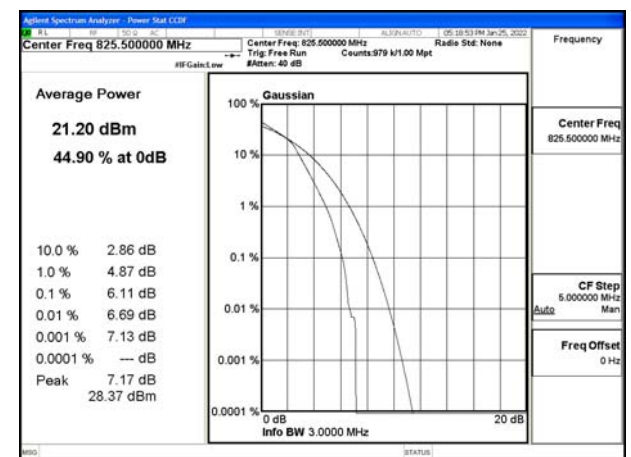


Fig.22

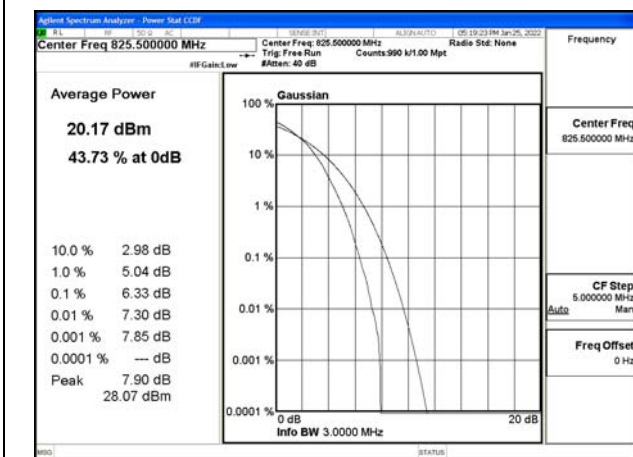


Fig.23

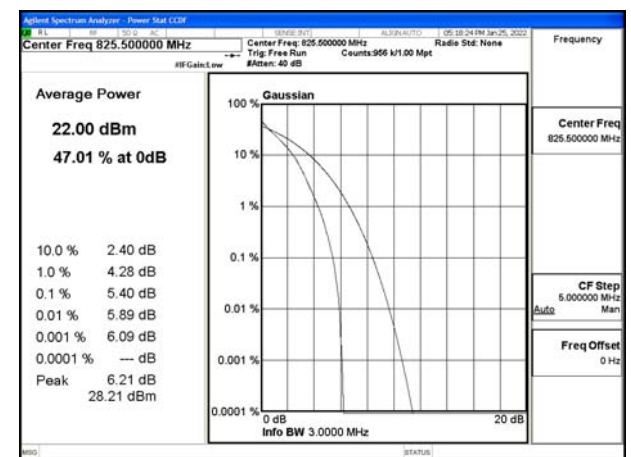


Fig.24

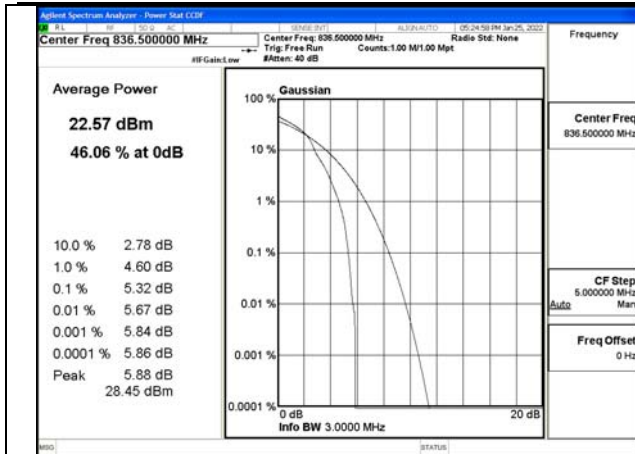


Fig.25

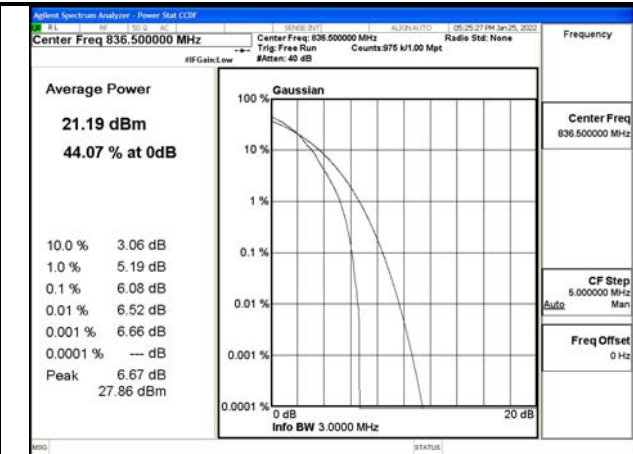


Fig.26

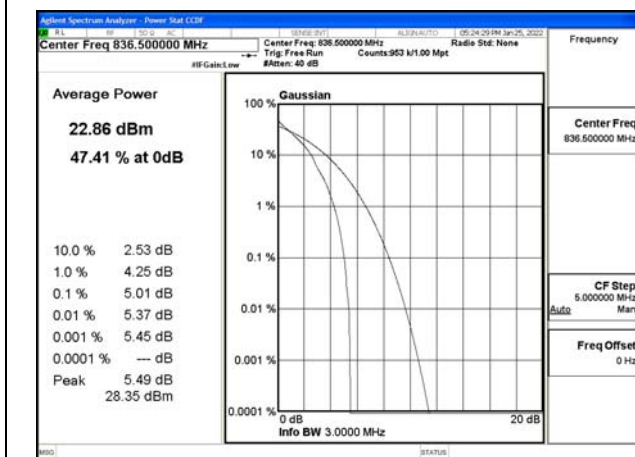


Fig.27

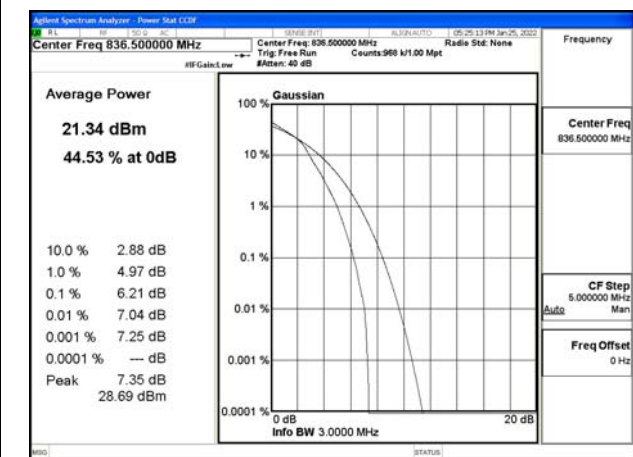


Fig.28

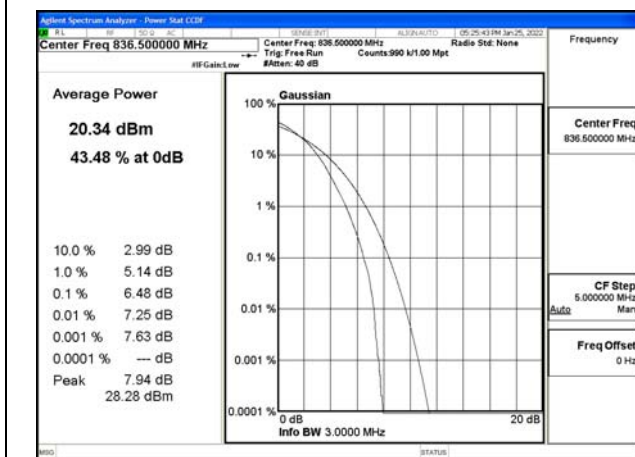


Fig.29

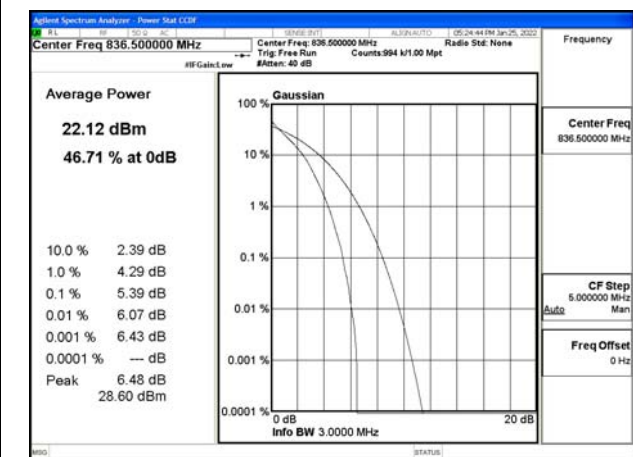


Fig.30

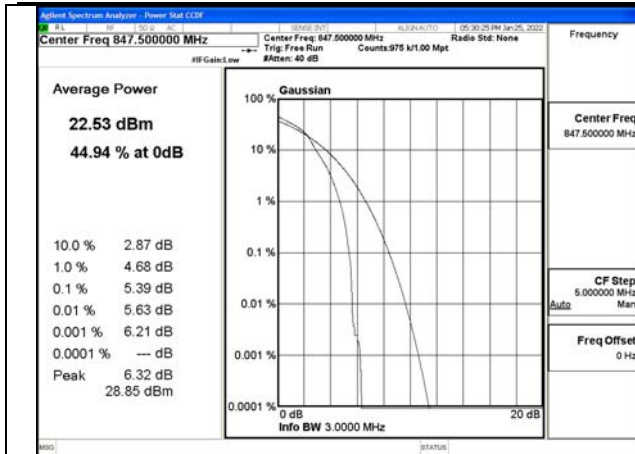


Fig.31

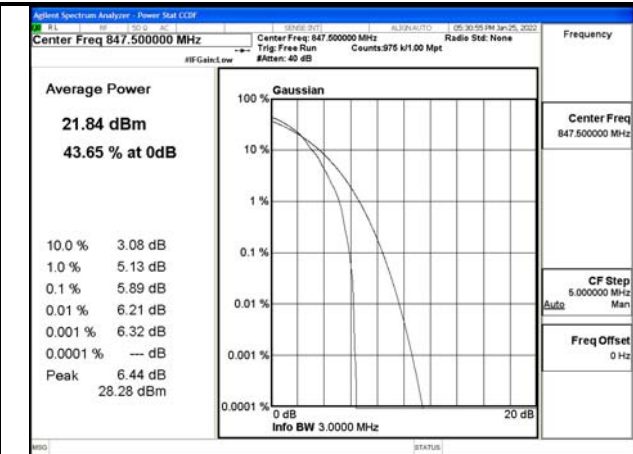


Fig.32

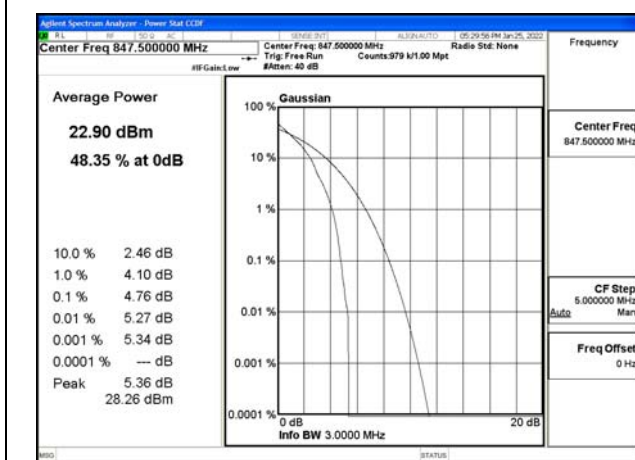


Fig.33

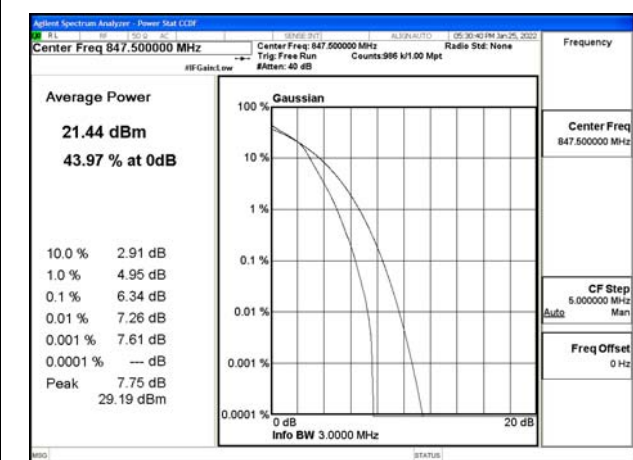


Fig.34

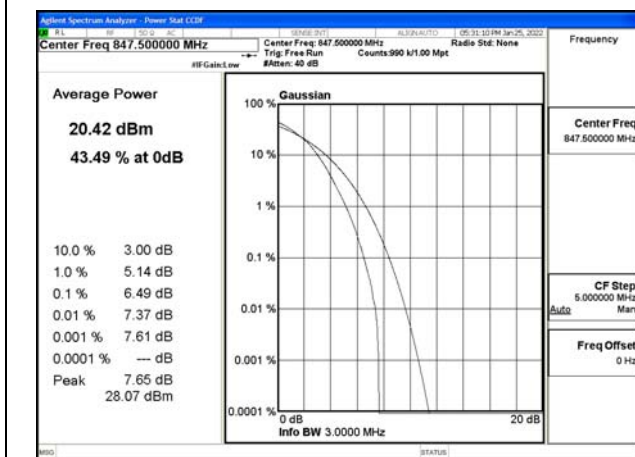


Fig.35

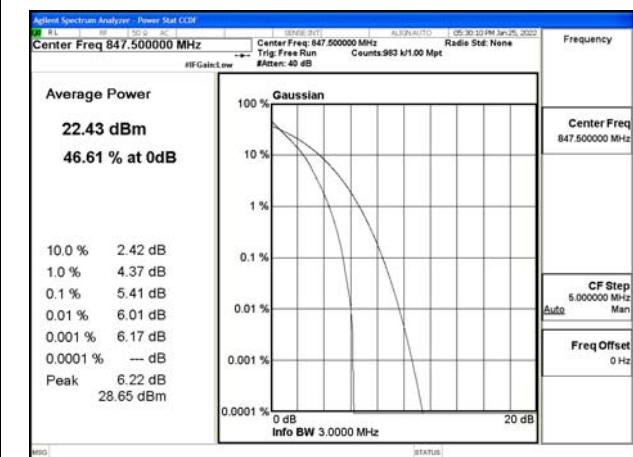


Fig.36

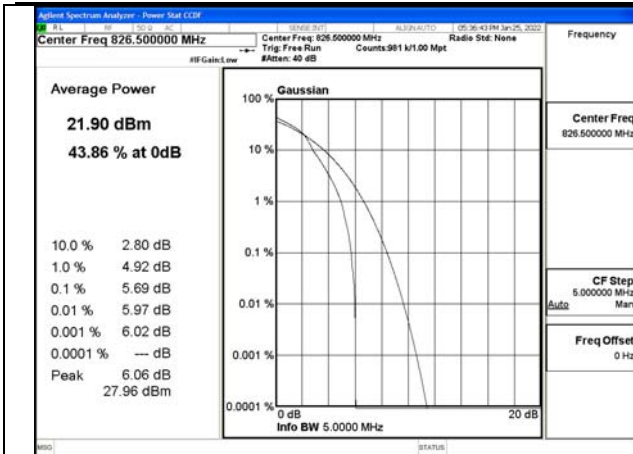


Fig.37

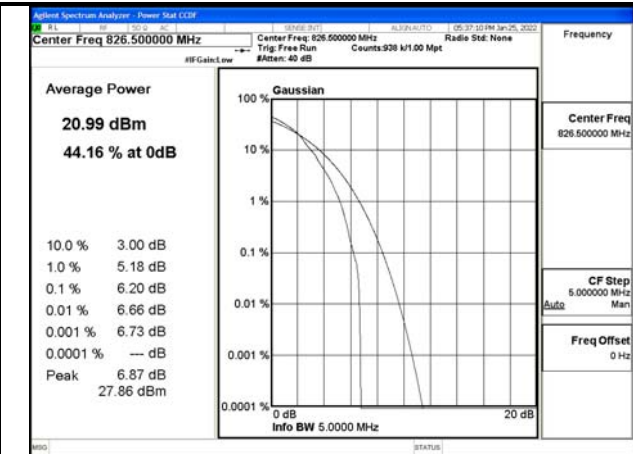


Fig.38

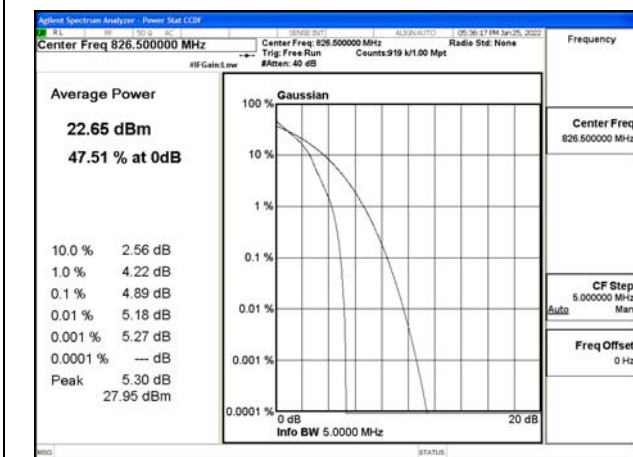


Fig.39

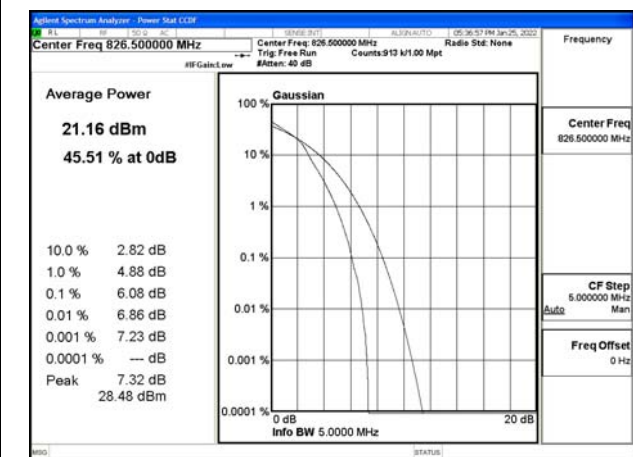


Fig.40

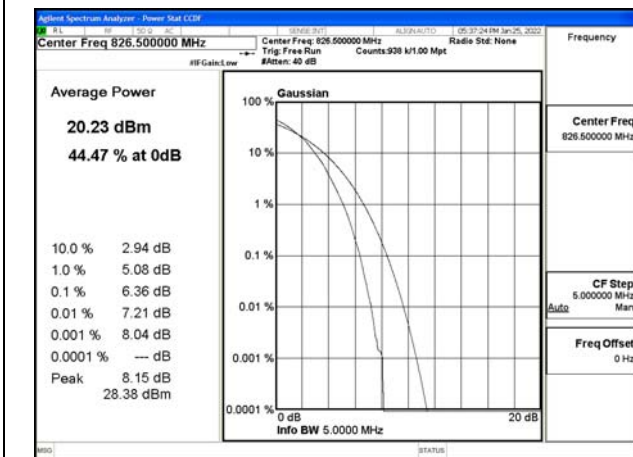


Fig.41

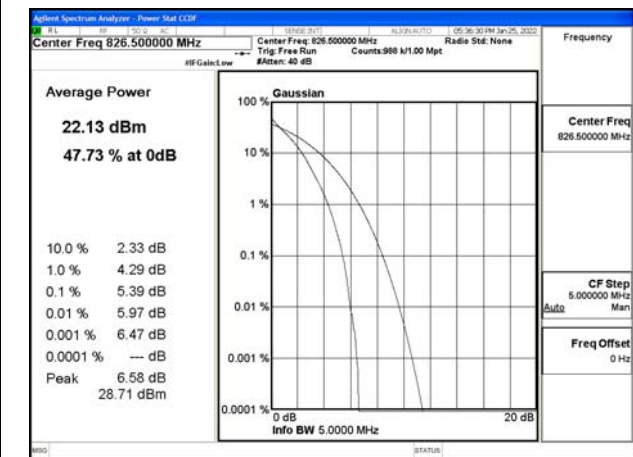


Fig.42

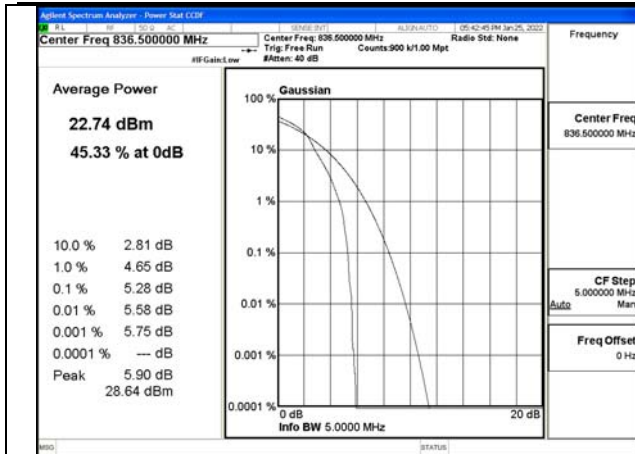


Fig.43

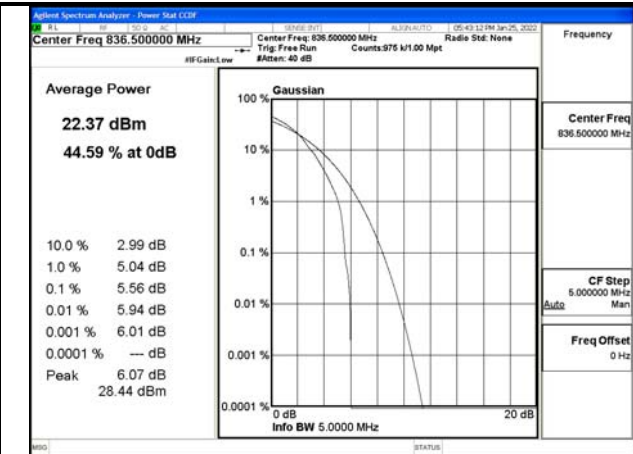


Fig.44

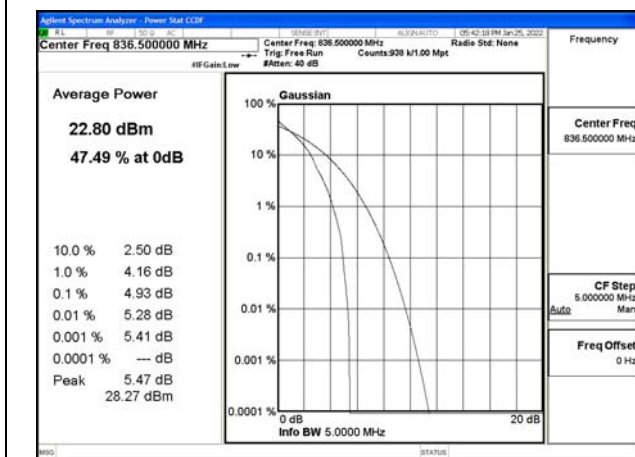


Fig.45

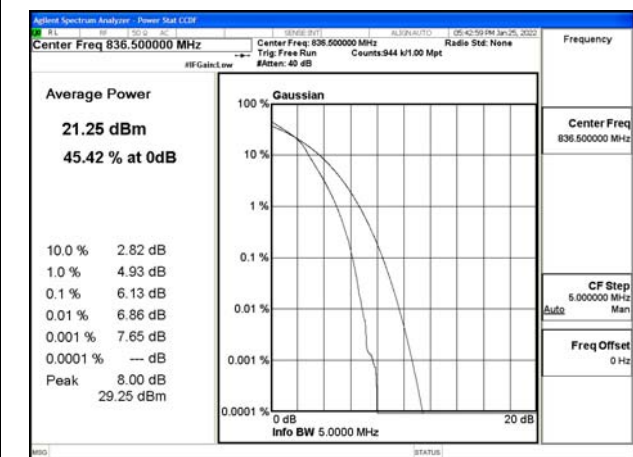


Fig.46

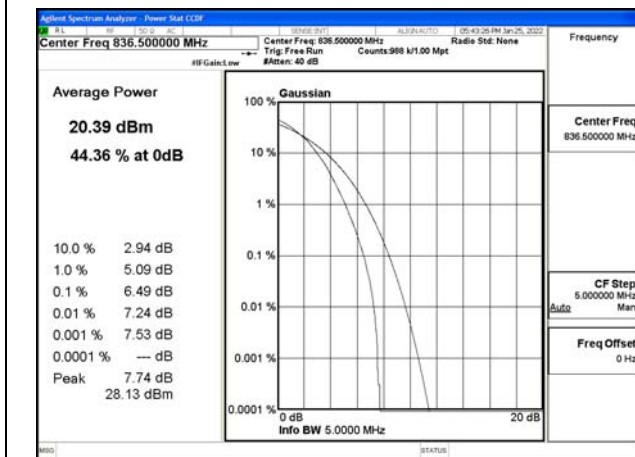


Fig.47

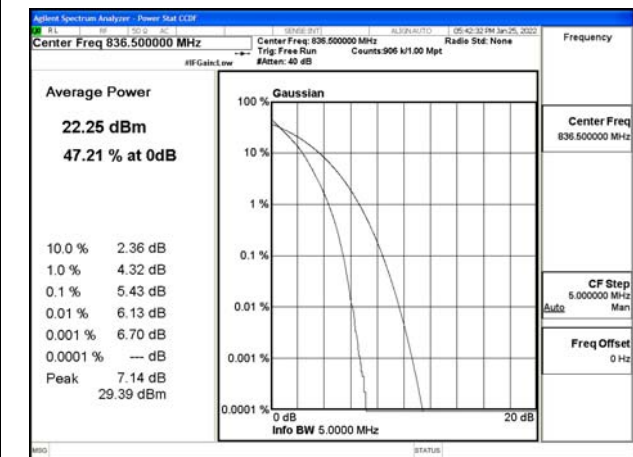


Fig.48

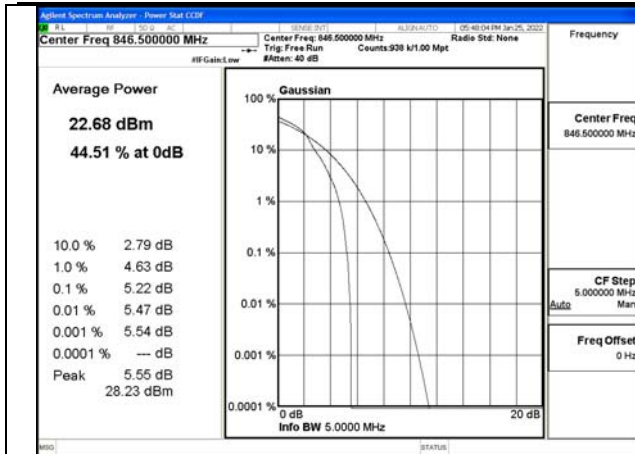


Fig.49

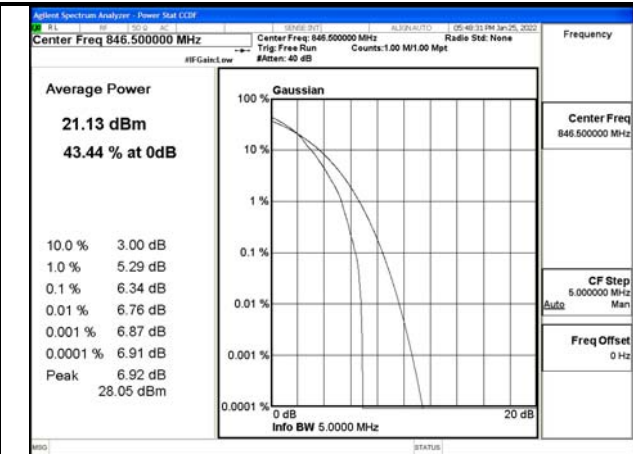


Fig.50

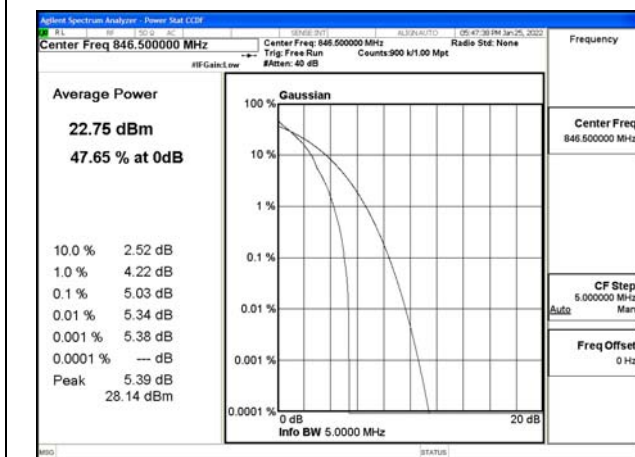


Fig.51

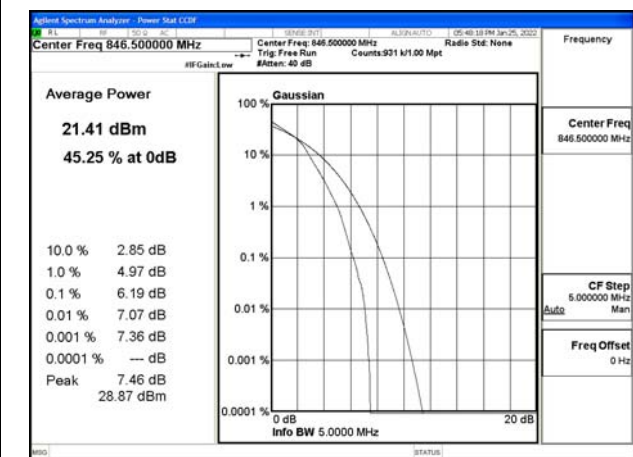


Fig.52

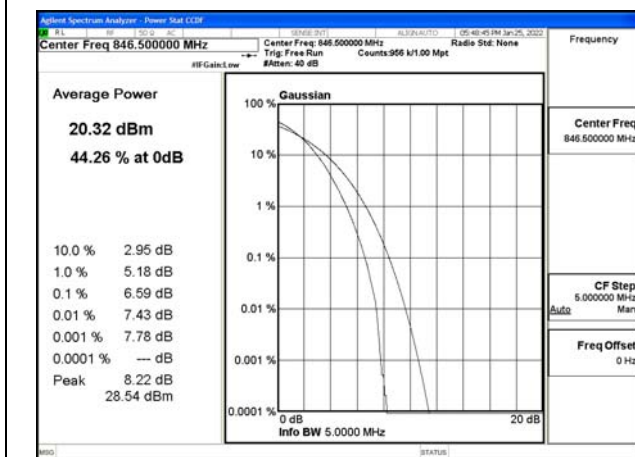


Fig.53

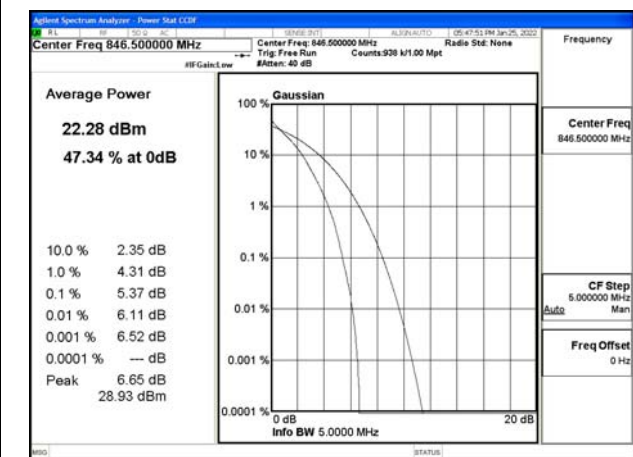


Fig.54

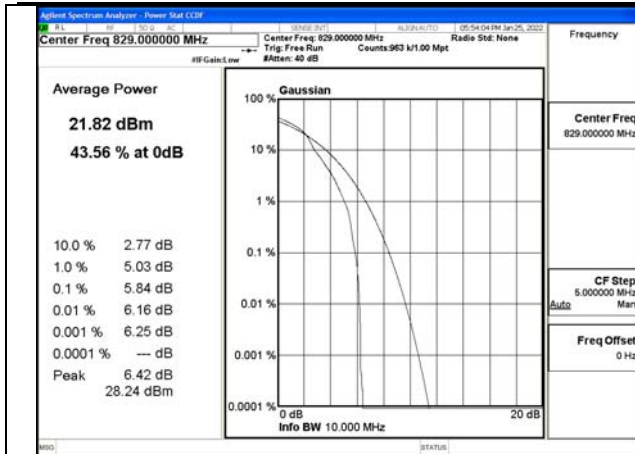


Fig.55

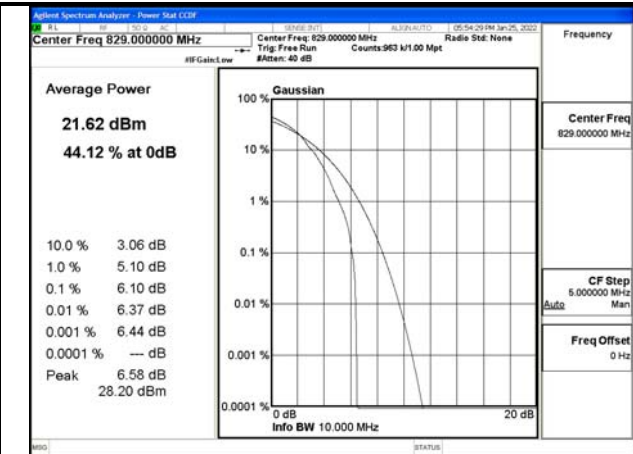


Fig.56

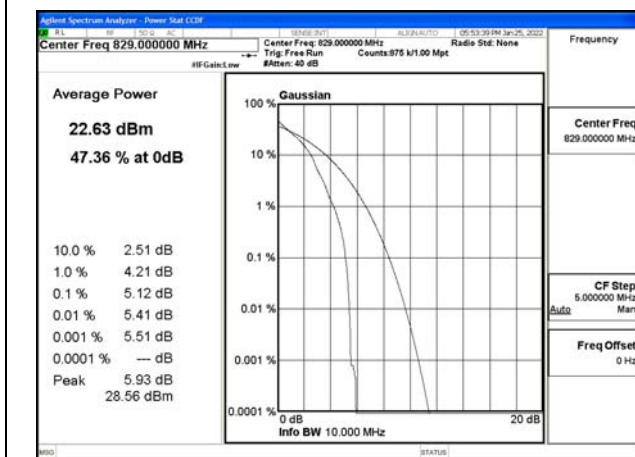


Fig.57

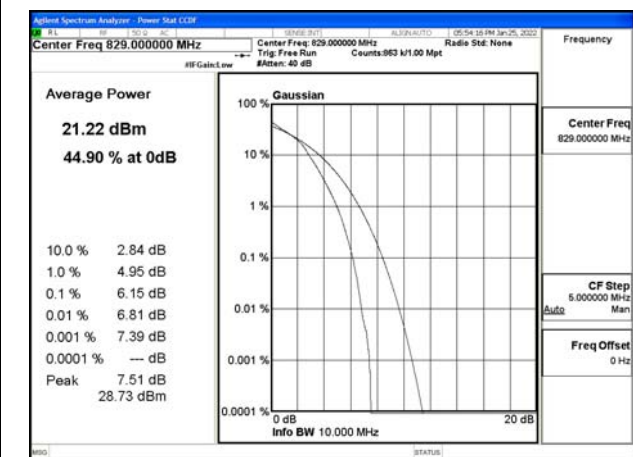


Fig.58

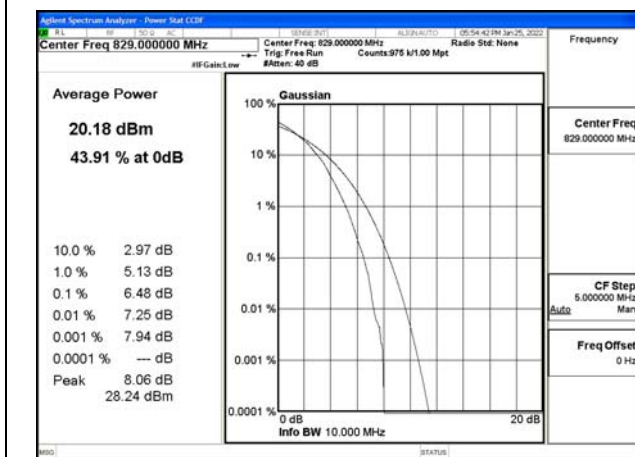


Fig.59

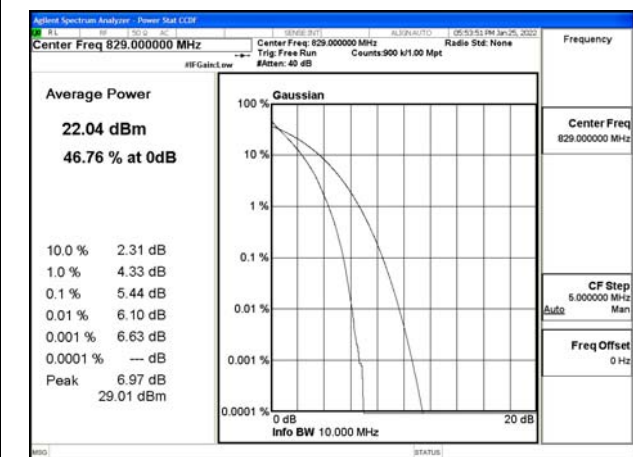


Fig.60

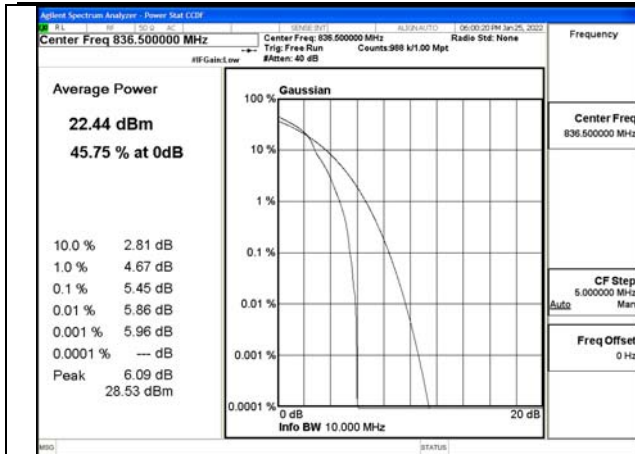


Fig.61

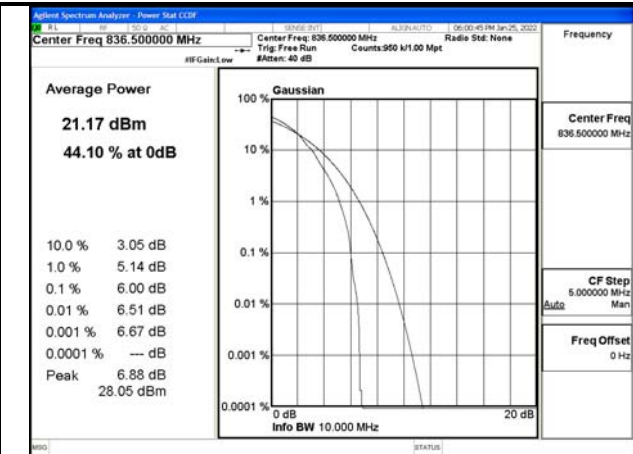


Fig.62

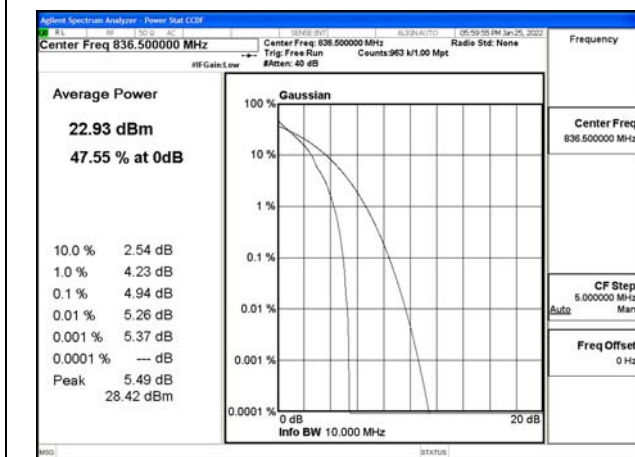


Fig.63

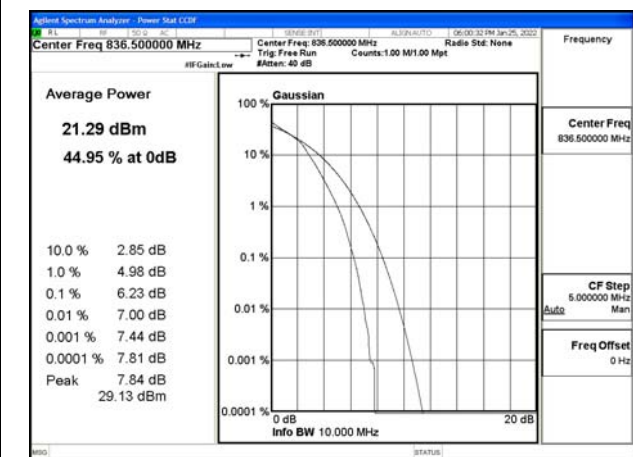


Fig.64

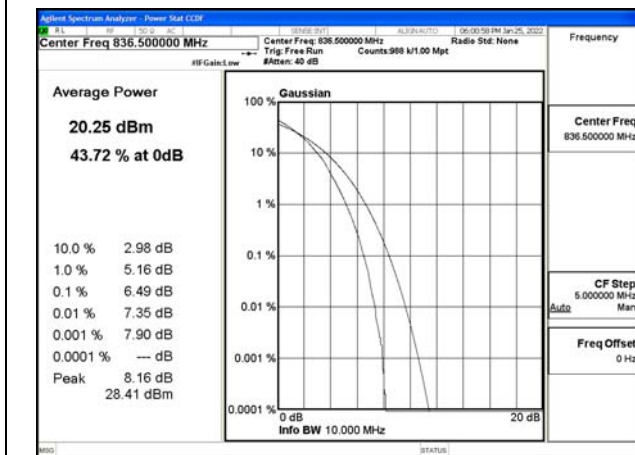


Fig.65

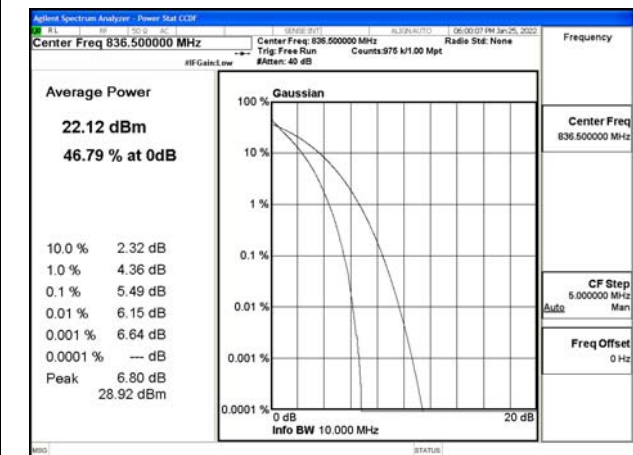


Fig.66

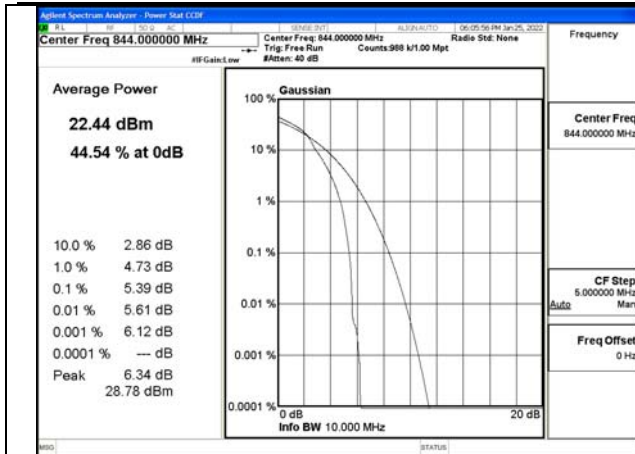


Fig.67

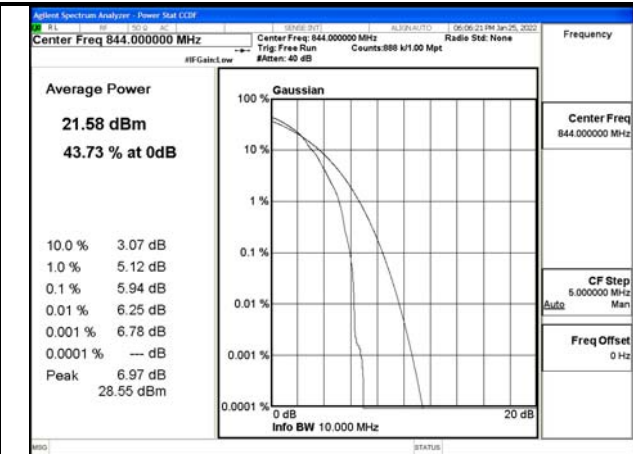


Fig.68

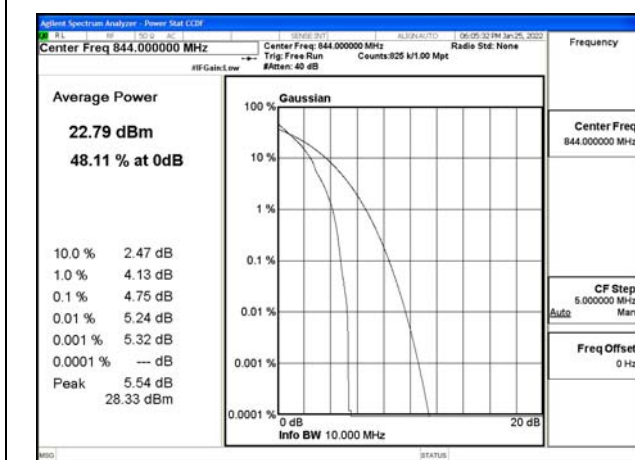


Fig.69

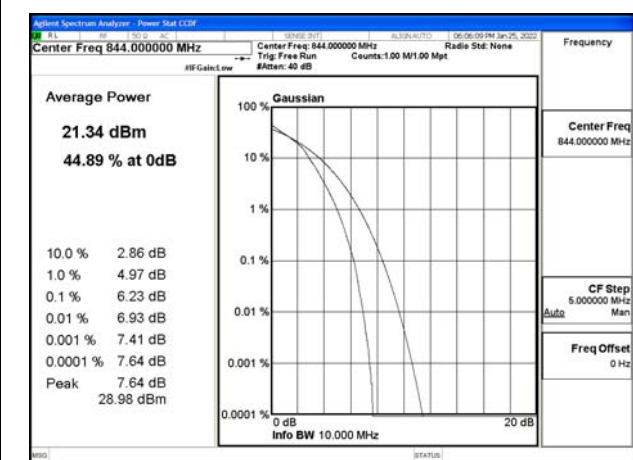


Fig.70

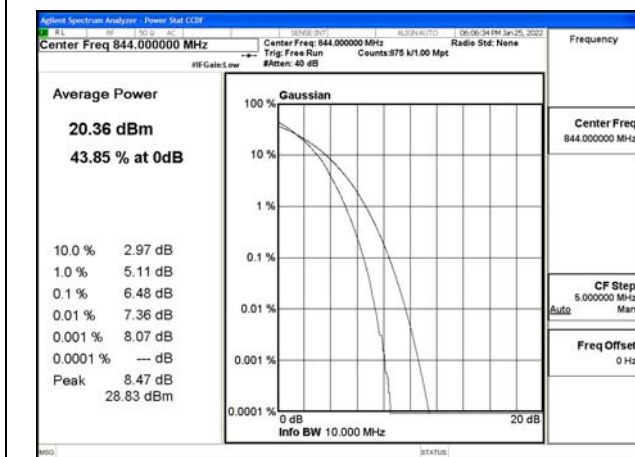


Fig.71

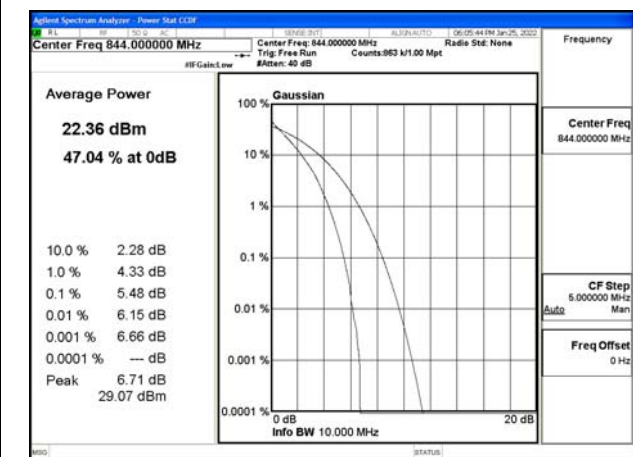


Fig.72

## 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                   |

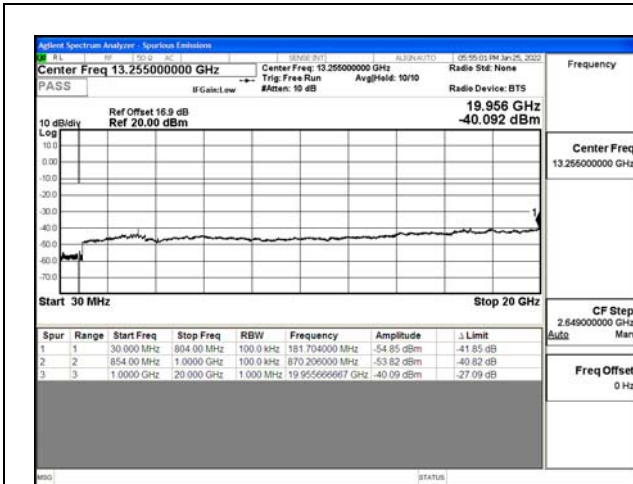


Fig.1

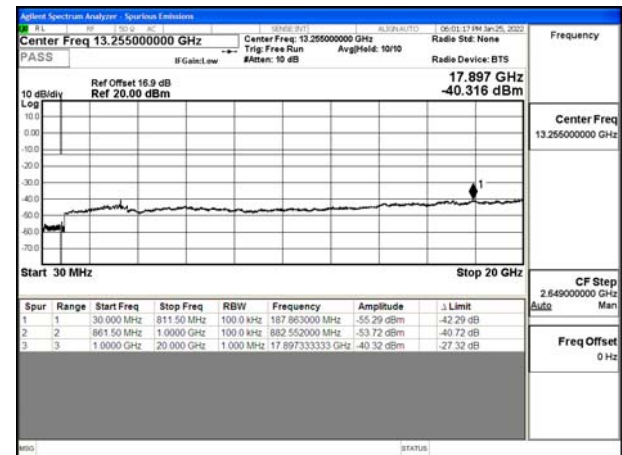


Fig.2

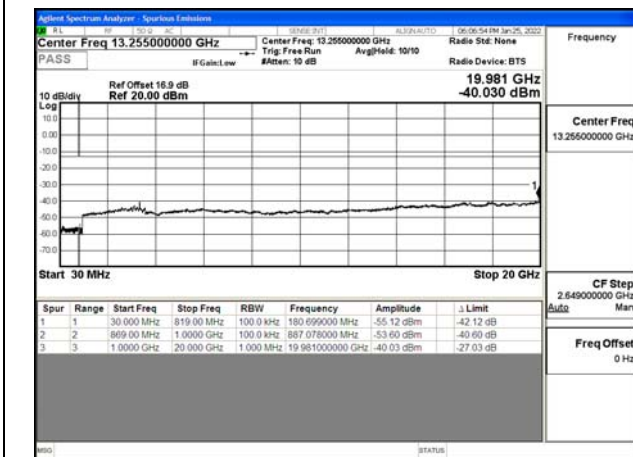


Fig.3

## 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

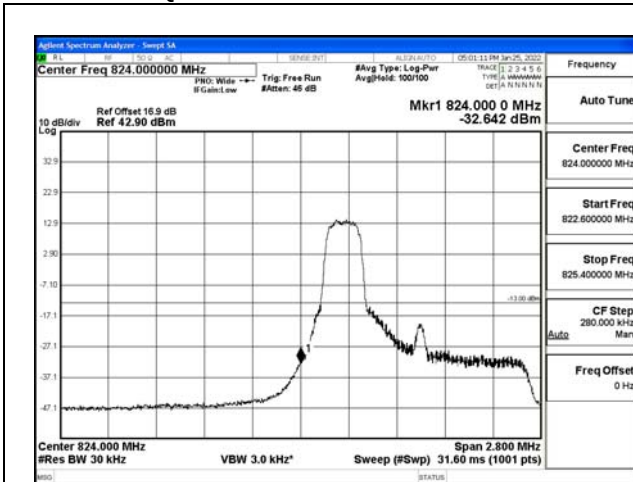


Fig.1

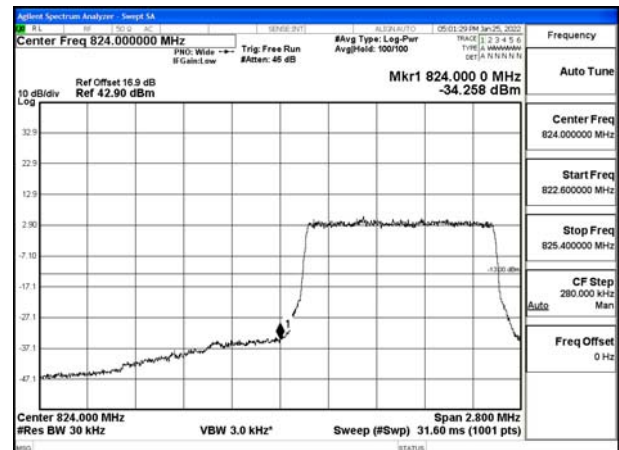


Fig.2

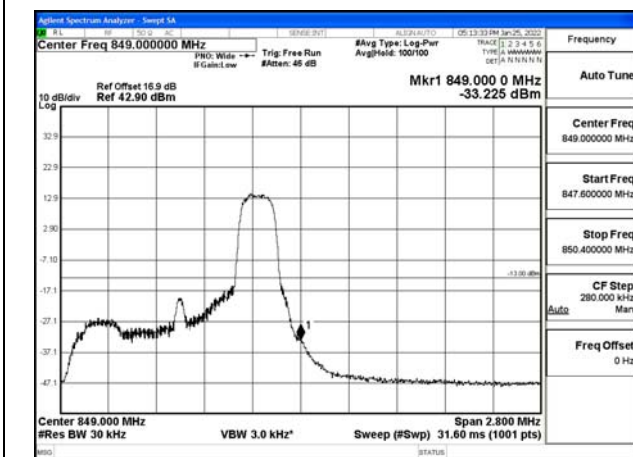


Fig.3

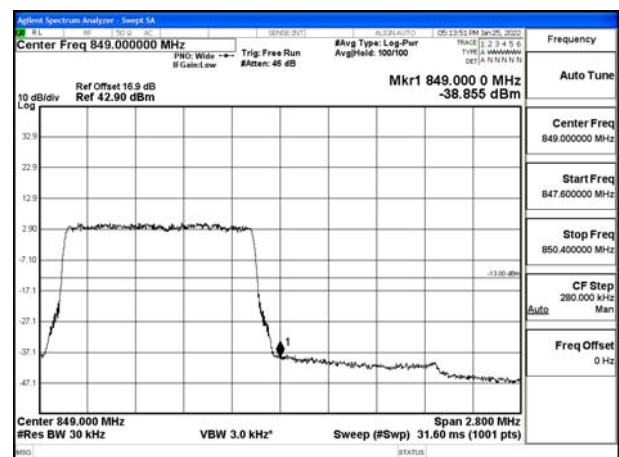


Fig.4

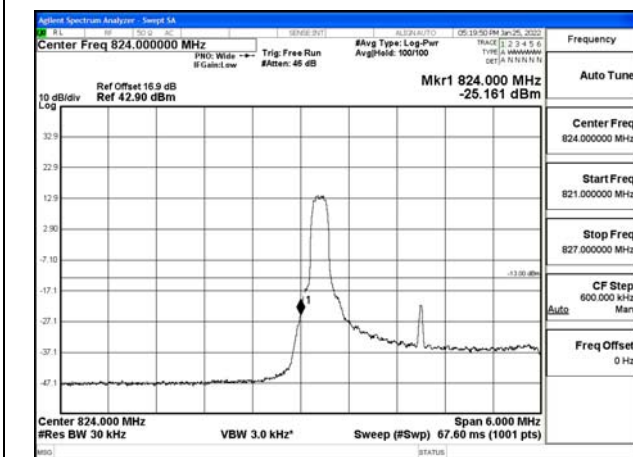


Fig.5

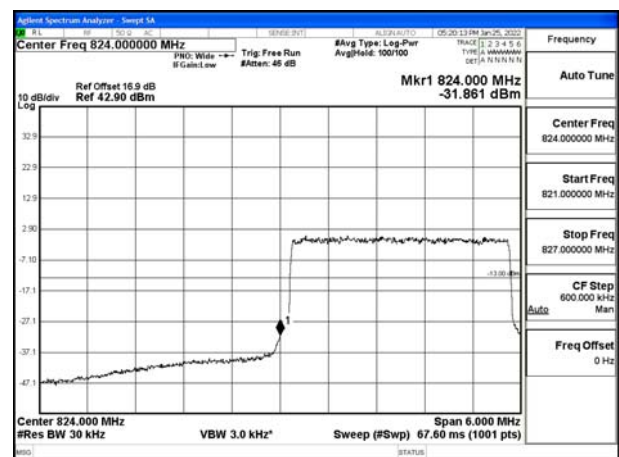


Fig.6

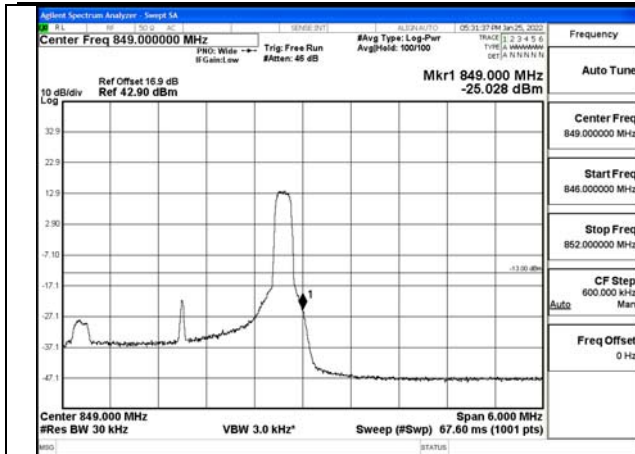


Fig.7

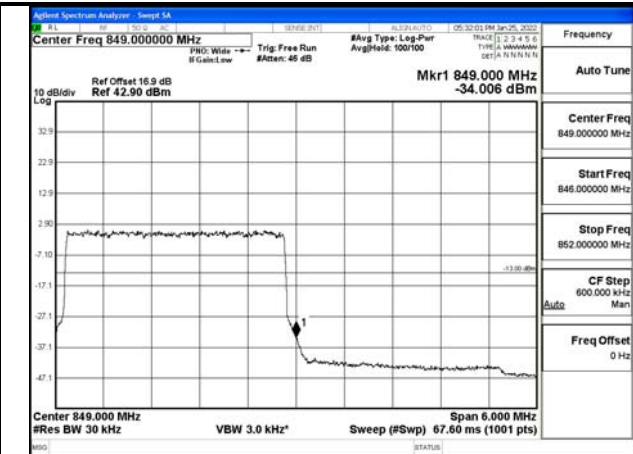


Fig.8

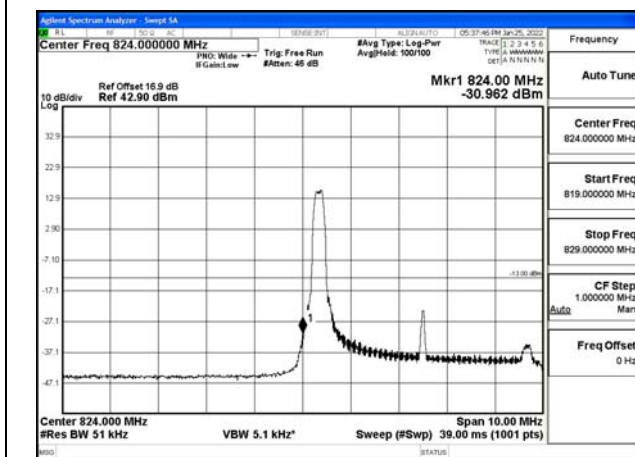


Fig.9

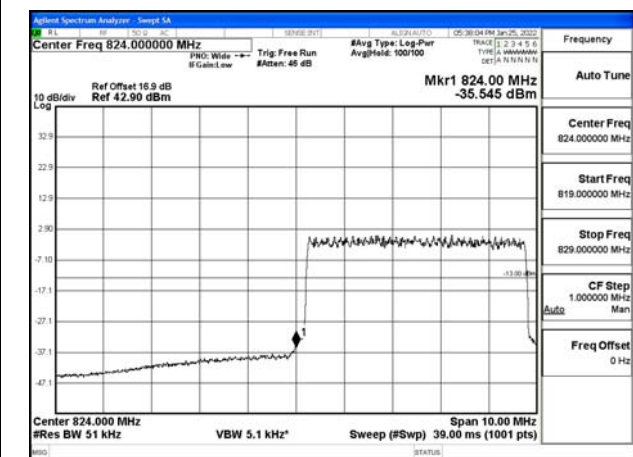


Fig.10

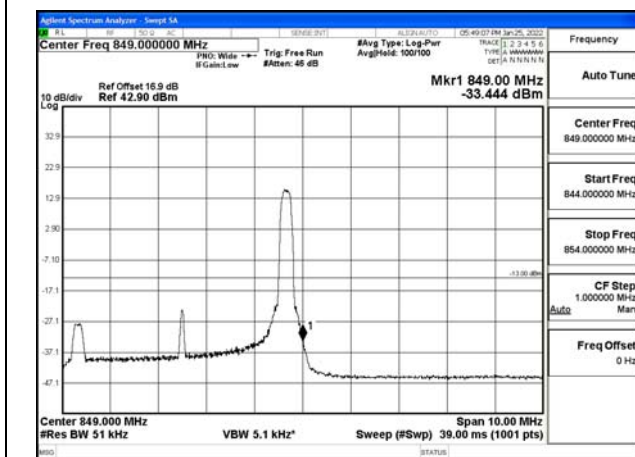


Fig.11

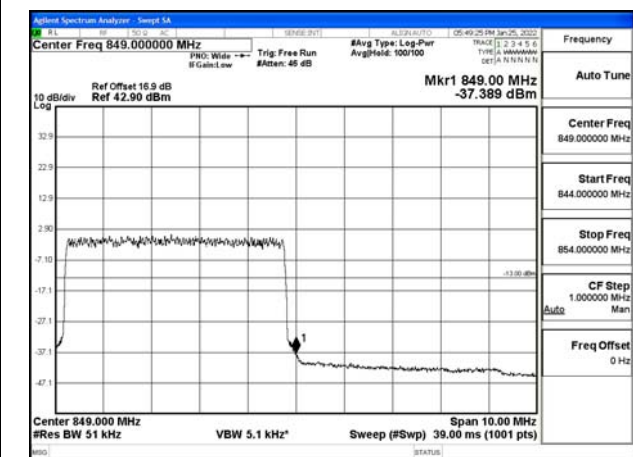


Fig.12

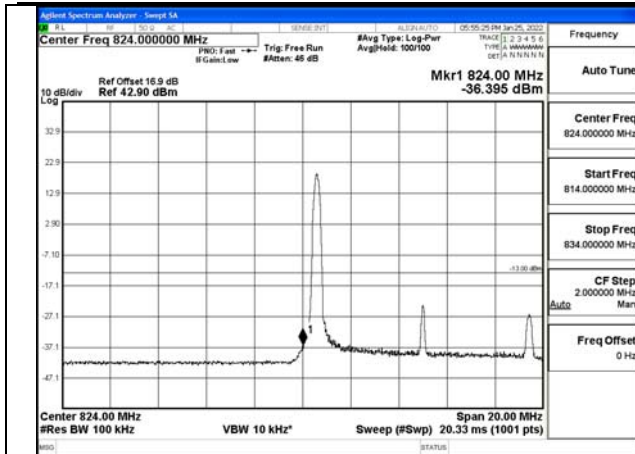


Fig.13

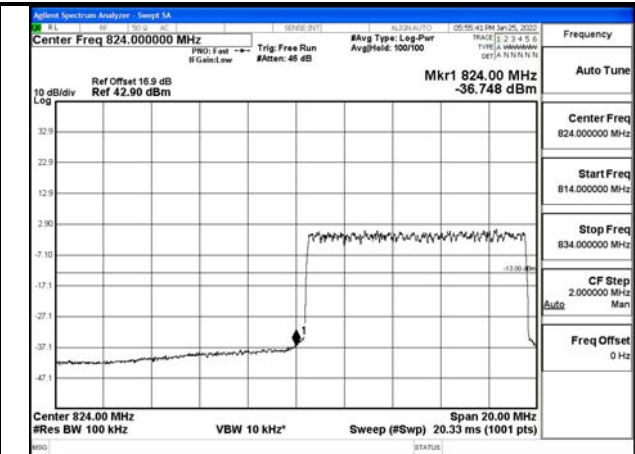


Fig.14

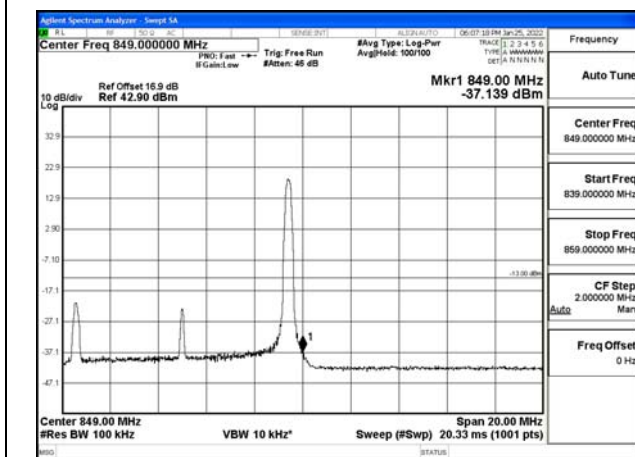


Fig.15

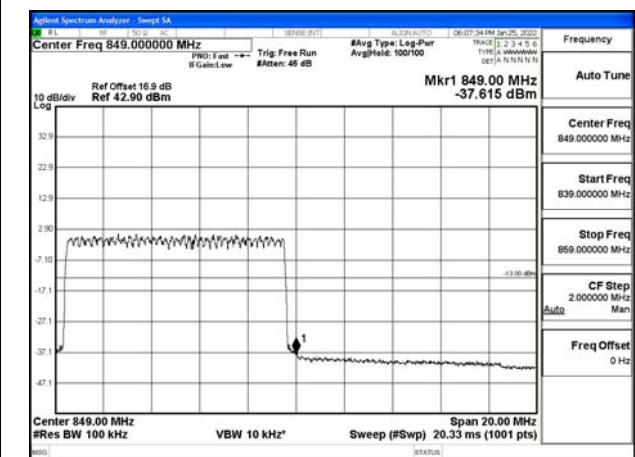


Fig.16

## 7 Frequency Stability

| Temperature(°C) | Voltage | Test Result (ppm) Band 5 Low Channel QPSK |        |        |        |
|-----------------|---------|-------------------------------------------|--------|--------|--------|
|                 |         | 1.4M                                      | 3M     | 5M     | 10M    |
| -10             | NV      | 0.055                                     | 0.007  | -0.006 | -0.009 |
| 0               | NV      | -0.032                                    | -0.033 | -0.041 | -0.031 |
| +10             | NV      | -0.054                                    | -0.028 | -0.053 | -0.054 |
| +30             | NV      | -0.043                                    | -0.009 | -0.026 | 0.037  |
| +40             | NV      | -0.027                                    | -0.049 | -0.021 | -0.012 |
| +55             | NV      | 0.043                                     | 0.052  | 0.005  | 0.036  |
| +20             | LV      | -0.023                                    | -0.047 | -0.055 | -0.025 |
| +20             | HV      | -0.053                                    | -0.022 | 0.008  | -0.024 |

| Temperature(°C) | Voltage | Test Result (ppm) Band 5 High Channel QPSK |        |        |        |
|-----------------|---------|--------------------------------------------|--------|--------|--------|
|                 |         | 1.4M                                       | 3M     | 5M     | 10M    |
| -10             | NV      | 0.023                                      | -0.004 | -0.016 | -0.019 |
| 0               | NV      | -0.027                                     | -0.033 | -0.022 | -0.020 |
| +10             | NV      | -0.058                                     | -0.047 | -0.032 | -0.026 |
| +30             | NV      | -0.055                                     | -0.059 | -0.040 | -0.035 |
| +40             | NV      | -0.046                                     | -0.038 | -0.044 | -0.044 |
| +55             | NV      | 0.055                                      | 0.050  | 0.048  | 0.047  |
| +20             | LV      | -0.060                                     | -0.033 | -0.041 | -0.025 |
| +20             | HV      | -0.046                                     | -0.054 | -0.011 | -0.043 |

## 8 Effective Radiated Power and Effective Isotropic Radiated Power

| Modulation | Carrier frequency (MHz) | UL Channel | BW  | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|-----|---------|-----------|------------------------|-----------------|---------------|
| 16QAM      | 824.7                   | 20407      | 1.4 | 1       | 0         | 22.34                  | 18.59           | 0.072         |
| 16QAM      | 824.7                   | 20407      | 1.4 | 1       | 3         | 22.46                  | 18.71           | 0.074         |
| 16QAM      | 824.7                   | 20407      | 1.4 | 1       | 5         | 22.53                  | 18.78           | 0.076         |
| 16QAM      | 824.7                   | 20407      | 1.4 | 3       | 0         | 22.55                  | 18.80           | 0.076         |
| 16QAM      | 824.7                   | 20407      | 1.4 | 3       | 1         | 22.45                  | 18.70           | 0.074         |
| 16QAM      | 824.7                   | 20407      | 1.4 | 3       | 3         | 22.52                  | 18.77           | 0.075         |
| 16QAM      | 824.7                   | 20407      | 1.4 | 6       | 0         | 21.57                  | 17.82           | 0.061         |
| 16QAM      | 836.5                   | 20525      | 1.4 | 1       | 0         | 22.94                  | 19.19           | 0.083         |
| 16QAM      | 836.5                   | 20525      | 1.4 | 1       | 3         | 22.94                  | 19.19           | 0.083         |
| 16QAM      | 836.5                   | 20525      | 1.4 | 1       | 5         | 22.87                  | 19.12           | 0.082         |
| 16QAM      | 836.5                   | 20525      | 1.4 | 3       | 0         | 22.59                  | 18.84           | 0.077         |
| 16QAM      | 836.5                   | 20525      | 1.4 | 3       | 1         | 22.66                  | 18.91           | 0.078         |
| 16QAM      | 836.5                   | 20525      | 1.4 | 3       | 3         | 22.65                  | 18.90           | 0.078         |
| 16QAM      | 836.5                   | 20525      | 1.4 | 6       | 0         | 21.82                  | 18.07           | 0.064         |
| 16QAM      | 848.3                   | 20643      | 1.4 | 1       | 0         | 22.66                  | 18.91           | 0.078         |
| 16QAM      | 848.3                   | 20643      | 1.4 | 1       | 3         | 22.86                  | 19.11           | 0.081         |
| 16QAM      | 848.3                   | 20643      | 1.4 | 1       | 5         | 22.69                  | 18.94           | 0.078         |
| 16QAM      | 848.3                   | 20643      | 1.4 | 3       | 0         | 22.28                  | 18.53           | 0.071         |
| 16QAM      | 848.3                   | 20643      | 1.4 | 3       | 1         | 22.31                  | 18.56           | 0.072         |
| 16QAM      | 848.3                   | 20643      | 1.4 | 3       | 3         | 22.28                  | 18.53           | 0.071         |
| 16QAM      | 848.3                   | 20643      | 1.4 | 6       | 0         | 21.73                  | 17.98           | 0.063         |
| 64QAM      | 824.7                   | 20407      | 1.4 | 1       | 0         | 21.39                  | 17.64           | 0.058         |
| 64QAM      | 824.7                   | 20407      | 1.4 | 1       | 3         | 21.46                  | 17.71           | 0.059         |
| 64QAM      | 824.7                   | 20407      | 1.4 | 1       | 5         | 21.38                  | 17.63           | 0.058         |
| 64QAM      | 824.7                   | 20407      | 1.4 | 3       | 0         | 21.44                  | 17.69           | 0.059         |
| 64QAM      | 824.7                   | 20407      | 1.4 | 3       | 1         | 21.39                  | 17.64           | 0.058         |
| 64QAM      | 824.7                   | 20407      | 1.4 | 3       | 3         | 21.41                  | 17.66           | 0.058         |
| 64QAM      | 824.7                   | 20407      | 1.4 | 6       | 0         | 20.31                  | 16.56           | 0.045         |
| 64QAM      | 836.5                   | 20525      | 1.4 | 1       | 0         | 21.25                  | 17.50           | 0.056         |
| 64QAM      | 836.5                   | 20525      | 1.4 | 1       | 3         | 21.30                  | 17.55           | 0.057         |
| 64QAM      | 836.5                   | 20525      | 1.4 | 1       | 5         | 21.28                  | 17.53           | 0.057         |
| 64QAM      | 836.5                   | 20525      | 1.4 | 3       | 0         | 21.27                  | 17.52           | 0.056         |
| 64QAM      | 836.5                   | 20525      | 1.4 | 3       | 1         | 21.31                  | 17.56           | 0.057         |
| 64QAM      | 836.5                   | 20525      | 1.4 | 3       | 3         | 21.24                  | 17.49           | 0.056         |
| 64QAM      | 836.5                   | 20525      | 1.4 | 6       | 0         | 20.59                  | 16.84           | 0.048         |
| 64QAM      | 848.3                   | 20643      | 1.4 | 1       | 0         | 22.04                  | 18.29           | 0.067         |
| 64QAM      | 848.3                   | 20643      | 1.4 | 1       | 3         | 22.24                  | 18.49           | 0.071         |
| 64QAM      | 848.3                   | 20643      | 1.4 | 1       | 5         | 22.20                  | 18.45           | 0.070         |
| 64QAM      | 848.3                   | 20643      | 1.4 | 3       | 0         | 22.15                  | 18.40           | 0.069         |
| 64QAM      | 848.3                   | 20643      | 1.4 | 3       | 1         | 22.17                  | 18.42           | 0.070         |
| 64QAM      | 848.3                   | 20643      | 1.4 | 3       | 3         | 22.18                  | 18.43           | 0.070         |

|       |       |       |     |   |   |       |       |       |
|-------|-------|-------|-----|---|---|-------|-------|-------|
| 64QAM | 848.3 | 20643 | 1.4 | 6 | 0 | 20.59 | 16.84 | 0.048 |
|-------|-------|-------|-----|---|---|-------|-------|-------|

| Modulation | Carrier frequency (MHz) | UL Channel | BW  | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|-----|---------|-----------|------------------------|-----------------|---------------|
| QPSK       | 836.5                   | 20525      | 1.4 | 1       | 0         | 23.01                  | 19.26           | 0.084         |
| QPSK       | 836.5                   | 20525      | 1.4 | 1       | 3         | 23.13                  | 19.38           | 0.087         |
| QPSK       | 836.5                   | 20525      | 1.4 | 1       | 5         | 23.18                  | 19.43           | 0.088         |
| QPSK       | 836.5                   | 20525      | 1.4 | 3       | 0         | 23.00                  | 19.25           | 0.084         |
| QPSK       | 836.5                   | 20525      | 1.4 | 3       | 1         | 23.08                  | 19.33           | 0.086         |
| QPSK       | 836.5                   | 20525      | 1.4 | 3       | 3         | 23.04                  | 19.29           | 0.085         |
| QPSK       | 836.5                   | 20525      | 1.4 | 6       | 0         | 22.53                  | 18.78           | 0.076         |
| QPSK       | 848.3                   | 20643      | 1.4 | 1       | 0         | 23.47                  | 19.72           | 0.094         |
| QPSK       | 848.3                   | 20643      | 1.4 | 1       | 3         | 23.17                  | 19.42           | 0.087         |
| QPSK       | 848.3                   | 20643      | 1.4 | 1       | 5         | 23.15                  | 19.40           | 0.087         |
| QPSK       | 848.3                   | 20643      | 1.4 | 3       | 0         | 23.08                  | 19.33           | 0.086         |
| QPSK       | 848.3                   | 20643      | 1.4 | 3       | 1         | 23.10                  | 19.35           | 0.086         |
| QPSK       | 848.3                   | 20643      | 1.4 | 3       | 3         | 23.07                  | 19.32           | 0.086         |
| QPSK       | 848.3                   | 20643      | 1.4 | 6       | 0         | 22.67                  | 18.92           | 0.078         |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|------------------------|-----------------|---------------|
| 16QAM      | 825.5                   | 20415      | 3  | 1       | 0         | 22.44                  | 18.69           | 0.074         |
| 16QAM      | 825.5                   | 20415      | 3  | 1       | 8         | 22.37                  | 18.62           | 0.073         |
| 16QAM      | 825.5                   | 20415      | 3  | 1       | 14        | 22.36                  | 18.61           | 0.073         |
| 16QAM      | 825.5                   | 20415      | 3  | 8       | 0         | 21.44                  | 17.69           | 0.059         |
| 16QAM      | 825.5                   | 20415      | 3  | 8       | 4         | 21.43                  | 17.68           | 0.059         |
| 16QAM      | 825.5                   | 20415      | 3  | 8       | 7         | 21.40                  | 17.65           | 0.058         |
| 16QAM      | 825.5                   | 20415      | 3  | 15      | 0         | 21.42                  | 17.67           | 0.058         |
| 16QAM      | 836.5                   | 20525      | 3  | 1       | 0         | 22.78                  | 19.03           | 0.080         |
| 16QAM      | 836.5                   | 20525      | 3  | 1       | 8         | 22.89                  | 19.14           | 0.082         |
| 16QAM      | 836.5                   | 20525      | 3  | 1       | 14        | 22.92                  | 19.17           | 0.083         |
| 16QAM      | 836.5                   | 20525      | 3  | 8       | 0         | 21.50                  | 17.75           | 0.060         |
| 16QAM      | 836.5                   | 20525      | 3  | 8       | 4         | 21.60                  | 17.85           | 0.061         |
| 16QAM      | 836.5                   | 20525      | 3  | 8       | 7         | 21.57                  | 17.82           | 0.061         |
| 16QAM      | 836.5                   | 20525      | 3  | 15      | 0         | 21.74                  | 17.99           | 0.063         |
| 16QAM      | 847.5                   | 20635      | 3  | 1       | 0         | 22.34                  | 18.59           | 0.072         |
| 16QAM      | 847.5                   | 20635      | 3  | 1       | 8         | 22.42                  | 18.67           | 0.074         |
| 16QAM      | 847.5                   | 20635      | 3  | 1       | 14        | 22.43                  | 18.68           | 0.074         |
| 16QAM      | 847.5                   | 20635      | 3  | 8       | 0         | 21.60                  | 17.85           | 0.061         |
| 16QAM      | 847.5                   | 20635      | 3  | 8       | 4         | 21.55                  | 17.80           | 0.060         |
| 16QAM      | 847.5                   | 20635      | 3  | 8       | 7         | 21.57                  | 17.82           | 0.061         |
| 16QAM      | 847.5                   | 20635      | 3  | 15      | 0         | 21.54                  | 17.79           | 0.060         |
| 64QAM      | 825.5                   | 20415      | 3  | 1       | 0         | 21.89                  | 18.14           | 0.065         |
| 64QAM      | 825.5                   | 20415      | 3  | 1       | 8         | 21.94                  | 18.19           | 0.066         |
| 64QAM      | 825.5                   | 20415      | 3  | 1       | 14        | 21.90                  | 18.15           | 0.065         |
| 64QAM      | 825.5                   | 20415      | 3  | 8       | 0         | 20.43                  | 16.68           | 0.047         |
| 64QAM      | 825.5                   | 20415      | 3  | 8       | 4         | 20.42                  | 16.67           | 0.046         |
| 64QAM      | 825.5                   | 20415      | 3  | 8       | 7         | 20.44                  | 16.69           | 0.047         |
| 64QAM      | 825.5                   | 20415      | 3  | 15      | 0         | 20.47                  | 16.72           | 0.047         |
| 64QAM      | 836.5                   | 20525      | 3  | 1       | 0         | 21.28                  | 17.53           | 0.057         |
| 64QAM      | 836.5                   | 20525      | 3  | 1       | 8         | 21.24                  | 17.49           | 0.056         |
| 64QAM      | 836.5                   | 20525      | 3  | 1       | 14        | 21.30                  | 17.55           | 0.057         |
| 64QAM      | 836.5                   | 20525      | 3  | 8       | 0         | 20.49                  | 16.74           | 0.047         |
| 64QAM      | 836.5                   | 20525      | 3  | 8       | 4         | 20.53                  | 16.78           | 0.048         |
| 64QAM      | 836.5                   | 20525      | 3  | 8       | 7         | 20.51                  | 16.76           | 0.047         |
| 64QAM      | 836.5                   | 20525      | 3  | 15      | 0         | 20.66                  | 16.91           | 0.049         |
| 64QAM      | 847.5                   | 20635      | 3  | 1       | 0         | 22.37                  | 18.62           | 0.073         |
| 64QAM      | 847.5                   | 20635      | 3  | 1       | 8         | 22.58                  | 18.83           | 0.076         |
| 64QAM      | 847.5                   | 20635      | 3  | 1       | 14        | 22.62                  | 18.87           | 0.077         |
| 64QAM      | 847.5                   | 20635      | 3  | 8       | 0         | 20.61                  | 16.86           | 0.049         |
| 64QAM      | 847.5                   | 20635      | 3  | 8       | 4         | 20.70                  | 16.95           | 0.050         |
| 64QAM      | 847.5                   | 20635      | 3  | 8       | 7         | 20.58                  | 16.83           | 0.048         |

|       |       |       |   |    |   |       |       |       |
|-------|-------|-------|---|----|---|-------|-------|-------|
| 64QAM | 847.5 | 20635 | 3 | 15 | 0 | 20.64 | 16.89 | 0.049 |
|-------|-------|-------|---|----|---|-------|-------|-------|

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|------------------------|-----------------|---------------|
| QPSK       | 825.5                   | 20415      | 3  | 1       | 0         | 23.04                  | 19.29           | 0.085         |
| QPSK       | 825.5                   | 20415      | 3  | 1       | 8         | 23.05                  | 19.30           | 0.085         |
| QPSK       | 825.5                   | 20415      | 3  | 1       | 14        | 23.11                  | 19.36           | 0.086         |
| QPSK       | 825.5                   | 20415      | 3  | 8       | 0         | 22.27                  | 18.52           | 0.071         |
| QPSK       | 825.5                   | 20415      | 3  | 8       | 4         | 22.26                  | 18.51           | 0.071         |
| QPSK       | 825.5                   | 20415      | 3  | 8       | 7         | 22.43                  | 18.68           | 0.074         |
| QPSK       | 825.5                   | 20415      | 3  | 15      | 0         | 22.37                  | 18.62           | 0.073         |
| QPSK       | 836.5                   | 20525      | 3  | 1       | 0         | 23.03                  | 19.28           | 0.085         |
| QPSK       | 836.5                   | 20525      | 3  | 1       | 8         | 23.13                  | 19.38           | 0.087         |
| QPSK       | 836.5                   | 20525      | 3  | 1       | 14        | 23.13                  | 19.38           | 0.087         |
| QPSK       | 836.5                   | 20525      | 3  | 8       | 0         | 22.45                  | 18.70           | 0.074         |
| QPSK       | 836.5                   | 20525      | 3  | 8       | 4         | 22.42                  | 18.67           | 0.074         |
| QPSK       | 836.5                   | 20525      | 3  | 8       | 7         | 22.50                  | 18.75           | 0.075         |
| QPSK       | 836.5                   | 20525      | 3  | 15      | 0         | 22.58                  | 18.83           | 0.076         |
| QPSK       | 847.5                   | 20635      | 3  | 1       | 0         | 23.35                  | 19.60           | 0.091         |
| QPSK       | 847.5                   | 20635      | 3  | 1       | 8         | 23.43                  | 19.68           | 0.093         |
| QPSK       | 847.5                   | 20635      | 3  | 1       | 14        | 23.34                  | 19.59           | 0.091         |
| QPSK       | 847.5                   | 20635      | 3  | 8       | 0         | 22.58                  | 18.83           | 0.076         |
| QPSK       | 847.5                   | 20635      | 3  | 8       | 4         | 22.59                  | 18.84           | 0.077         |
| QPSK       | 847.5                   | 20635      | 3  | 8       | 7         | 22.67                  | 18.92           | 0.078         |
| QPSK       | 847.5                   | 20635      | 3  | 15      | 0         | 22.72                  | 18.97           | 0.079         |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|------------------------|-----------------|---------------|
| 16QAM      | 826.5                   | 20425      | 5  | 1       | 0         | 22.11                  | 18.36           | 0.069         |
| 16QAM      | 826.5                   | 20425      | 5  | 1       | 12        | 21.87                  | 18.12           | 0.065         |
| 16QAM      | 826.5                   | 20425      | 5  | 1       | 24        | 21.95                  | 18.20           | 0.066         |
| 16QAM      | 826.5                   | 20425      | 5  | 12      | 0         | 21.34                  | 17.59           | 0.057         |
| 16QAM      | 826.5                   | 20425      | 5  | 12      | 7         | 21.29                  | 17.54           | 0.057         |
| 16QAM      | 826.5                   | 20425      | 5  | 12      | 13        | 21.23                  | 17.48           | 0.056         |
| 16QAM      | 826.5                   | 20425      | 5  | 25      | 0         | 21.42                  | 17.67           | 0.058         |
| 16QAM      | 836.5                   | 20525      | 5  | 1       | 0         | 22.53                  | 18.78           | 0.076         |
| 16QAM      | 836.5                   | 20525      | 5  | 1       | 12        | 22.59                  | 18.84           | 0.077         |
| 16QAM      | 836.5                   | 20525      | 5  | 1       | 24        | 22.71                  | 18.96           | 0.079         |
| 16QAM      | 836.5                   | 20525      | 5  | 12      | 0         | 21.34                  | 17.59           | 0.057         |
| 16QAM      | 836.5                   | 20525      | 5  | 12      | 7         | 21.34                  | 17.59           | 0.057         |
| 16QAM      | 836.5                   | 20525      | 5  | 12      | 13        | 21.31                  | 17.56           | 0.057         |
| 16QAM      | 836.5                   | 20525      | 5  | 25      | 0         | 21.49                  | 17.74           | 0.059         |
| 16QAM      | 846.5                   | 20625      | 5  | 1       | 0         | 22.45                  | 18.70           | 0.074         |
| 16QAM      | 846.5                   | 20625      | 5  | 1       | 12        | 22.46                  | 18.71           | 0.074         |
| 16QAM      | 846.5                   | 20625      | 5  | 1       | 24        | 22.43                  | 18.68           | 0.074         |
| 16QAM      | 846.5                   | 20625      | 5  | 12      | 0         | 21.63                  | 17.88           | 0.061         |
| 16QAM      | 846.5                   | 20625      | 5  | 12      | 7         | 21.59                  | 17.84           | 0.061         |
| 16QAM      | 846.5                   | 20625      | 5  | 12      | 13        | 21.54                  | 17.79           | 0.060         |
| 16QAM      | 846.5                   | 20625      | 5  | 25      | 0         | 21.70                  | 17.95           | 0.062         |
| 64QAM      | 826.5                   | 20425      | 5  | 1       | 0         | 21.12                  | 17.37           | 0.055         |
| 64QAM      | 826.5                   | 20425      | 5  | 1       | 12        | 21.07                  | 17.32           | 0.054         |
| 64QAM      | 826.5                   | 20425      | 5  | 1       | 24        | 21.09                  | 17.34           | 0.054         |
| 64QAM      | 826.5                   | 20425      | 5  | 12      | 0         | 20.45                  | 16.70           | 0.047         |
| 64QAM      | 826.5                   | 20425      | 5  | 12      | 7         | 20.47                  | 16.72           | 0.047         |
| 64QAM      | 826.5                   | 20425      | 5  | 12      | 13        | 20.45                  | 16.70           | 0.047         |
| 64QAM      | 826.5                   | 20425      | 5  | 25      | 0         | 20.43                  | 16.68           | 0.047         |
| 64QAM      | 836.5                   | 20525      | 5  | 1       | 0         | 21.58                  | 17.83           | 0.061         |
| 64QAM      | 836.5                   | 20525      | 5  | 1       | 12        | 21.54                  | 17.79           | 0.060         |
| 64QAM      | 836.5                   | 20525      | 5  | 1       | 24        | 21.76                  | 18.01           | 0.063         |
| 64QAM      | 836.5                   | 20525      | 5  | 12      | 0         | 20.42                  | 16.67           | 0.046         |
| 64QAM      | 836.5                   | 20525      | 5  | 12      | 7         | 20.47                  | 16.72           | 0.047         |
| 64QAM      | 836.5                   | 20525      | 5  | 12      | 13        | 20.47                  | 16.72           | 0.047         |
| 64QAM      | 836.5                   | 20525      | 5  | 25      | 0         | 20.64                  | 16.89           | 0.049         |
| 64QAM      | 846.5                   | 20625      | 5  | 1       | 0         | 21.59                  | 17.84           | 0.061         |
| 64QAM      | 846.5                   | 20625      | 5  | 1       | 12        | 21.73                  | 17.98           | 0.063         |
| 64QAM      | 846.5                   | 20625      | 5  | 1       | 24        | 21.63                  | 17.88           | 0.061         |
| 64QAM      | 846.5                   | 20625      | 5  | 12      | 0         | 20.52                  | 16.77           | 0.048         |
| 64QAM      | 846.5                   | 20625      | 5  | 12      | 7         | 20.62                  | 16.87           | 0.049         |
| 64QAM      | 846.5                   | 20625      | 5  | 12      | 13        | 20.67                  | 16.92           | 0.049         |

|       |       |       |   |    |   |       |       |       |
|-------|-------|-------|---|----|---|-------|-------|-------|
| 64QAM | 846.5 | 20625 | 5 | 25 | 0 | 20.82 | 17.07 | 0.051 |
|-------|-------|-------|---|----|---|-------|-------|-------|

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|------------------------|-----------------|---------------|
| QPSK       | 826.5                   | 20425      | 5  | 1       | 0         | 23.01                  | 19.26           | 0.084         |
| QPSK       | 826.5                   | 20425      | 5  | 1       | 12        | 23.02                  | 19.27           | 0.085         |
| QPSK       | 826.5                   | 20425      | 5  | 1       | 24        | 23.03                  | 19.28           | 0.085         |
| QPSK       | 826.5                   | 20425      | 5  | 12      | 0         | 22.28                  | 18.53           | 0.071         |
| QPSK       | 826.5                   | 20425      | 5  | 12      | 7         | 22.38                  | 18.63           | 0.073         |
| QPSK       | 826.5                   | 20425      | 5  | 12      | 13        | 22.40                  | 18.65           | 0.073         |
| QPSK       | 826.5                   | 20425      | 5  | 25      | 0         | 22.46                  | 18.71           | 0.074         |
| QPSK       | 836.5                   | 20525      | 5  | 1       | 0         | 22.80                  | 19.05           | 0.080         |
| QPSK       | 836.5                   | 20525      | 5  | 1       | 12        | 22.86                  | 19.11           | 0.081         |
| QPSK       | 836.5                   | 20525      | 5  | 1       | 24        | 23.11                  | 19.36           | 0.086         |
| QPSK       | 836.5                   | 20525      | 5  | 12      | 0         | 22.51                  | 18.76           | 0.075         |
| QPSK       | 836.5                   | 20525      | 5  | 12      | 7         | 22.42                  | 18.67           | 0.074         |
| QPSK       | 836.5                   | 20525      | 5  | 12      | 13        | 22.48                  | 18.73           | 0.075         |
| QPSK       | 836.5                   | 20525      | 5  | 25      | 0         | 22.50                  | 18.75           | 0.075         |
| QPSK       | 846.5                   | 20625      | 5  | 1       | 0         | 23.23                  | 19.48           | 0.089         |
| QPSK       | 846.5                   | 20625      | 5  | 1       | 12        | 23.29                  | 19.54           | 0.090         |
| QPSK       | 846.5                   | 20625      | 5  | 1       | 24        | 23.38                  | 19.63           | 0.092         |
| QPSK       | 846.5                   | 20625      | 5  | 12      | 0         | 22.69                  | 18.94           | 0.078         |
| QPSK       | 846.5                   | 20625      | 5  | 12      | 7         | 22.69                  | 18.94           | 0.078         |
| QPSK       | 846.5                   | 20625      | 5  | 12      | 13        | 22.69                  | 18.94           | 0.078         |
| QPSK       | 846.5                   | 20625      | 5  | 25      | 0         | 22.63                  | 18.88           | 0.077         |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|------------------------|-----------------|---------------|
| 16QAM      | 829                     | 20450      | 10 | 1       | 0         | 23.27                  | 19.52           | 0.090         |
| 16QAM      | 829                     | 20450      | 10 | 1       | 25        | 23.40                  | 19.65           | 0.092         |
| 16QAM      | 829                     | 20450      | 10 | 1       | 49        | 23.31                  | 19.56           | 0.090         |
| 16QAM      | 829                     | 20450      | 10 | 25      | 0         | 21.37                  | 17.62           | 0.058         |
| 16QAM      | 829                     | 20450      | 10 | 25      | 12        | 21.45                  | 17.70           | 0.059         |
| 16QAM      | 829                     | 20450      | 10 | 25      | 25        | 21.48                  | 17.73           | 0.059         |
| 16QAM      | 829                     | 20450      | 10 | 50      | 0         | 21.37                  | 17.62           | 0.058         |
| 16QAM      | 836.5                   | 20525      | 10 | 1       | 0         | 22.70                  | 18.95           | 0.079         |
| 16QAM      | 836.5                   | 20525      | 10 | 1       | 25        | 22.87                  | 19.12           | 0.082         |
| 16QAM      | 836.5                   | 20525      | 10 | 1       | 49        | 22.90                  | 19.15           | 0.082         |
| 16QAM      | 836.5                   | 20525      | 10 | 25      | 0         | 21.56                  | 17.81           | 0.060         |
| 16QAM      | 836.5                   | 20525      | 10 | 25      | 12        | 21.59                  | 17.84           | 0.061         |
| 16QAM      | 836.5                   | 20525      | 10 | 25      | 25        | 21.74                  | 17.99           | 0.063         |
| 16QAM      | 836.5                   | 20525      | 10 | 50      | 0         | 21.59                  | 17.84           | 0.061         |
| 16QAM      | 844                     | 20600      | 10 | 1       | 0         | 22.81                  | 19.06           | 0.081         |
| 16QAM      | 844                     | 20600      | 10 | 1       | 25        | 22.85                  | 19.10           | 0.081         |
| 16QAM      | 844                     | 20600      | 10 | 1       | 49        | 22.88                  | 19.13           | 0.082         |
| 16QAM      | 844                     | 20600      | 10 | 25      | 0         | 21.68                  | 17.93           | 0.062         |
| 16QAM      | 844                     | 20600      | 10 | 25      | 12        | 21.79                  | 18.04           | 0.064         |
| 16QAM      | 844                     | 20600      | 10 | 25      | 25        | 21.82                  | 18.07           | 0.064         |
| 16QAM      | 844                     | 20600      | 10 | 50      | 0         | 21.76                  | 18.01           | 0.063         |
| 64QAM      | 829                     | 20450      | 10 | 1       | 0         | 22.03                  | 18.28           | 0.067         |
| 64QAM      | 829                     | 20450      | 10 | 1       | 25        | 22.07                  | 18.32           | 0.068         |
| 64QAM      | 829                     | 20450      | 10 | 1       | 49        | 22.07                  | 18.32           | 0.068         |
| 64QAM      | 829                     | 20450      | 10 | 25      | 0         | 20.44                  | 16.69           | 0.047         |
| 64QAM      | 829                     | 20450      | 10 | 25      | 12        | 20.52                  | 16.77           | 0.048         |
| 64QAM      | 829                     | 20450      | 10 | 25      | 25        | 20.97                  | 17.22           | 0.053         |
| 64QAM      | 829                     | 20450      | 10 | 50      | 0         | 20.53                  | 16.78           | 0.048         |
| 64QAM      | 836.5                   | 20525      | 10 | 1       | 0         | 21.17                  | 17.42           | 0.055         |
| 64QAM      | 836.5                   | 20525      | 10 | 1       | 25        | 21.25                  | 17.50           | 0.056         |
| 64QAM      | 836.5                   | 20525      | 10 | 1       | 49        | 21.32                  | 17.57           | 0.057         |
| 64QAM      | 836.5                   | 20525      | 10 | 25      | 0         | 20.75                  | 17.00           | 0.050         |
| 64QAM      | 836.5                   | 20525      | 10 | 25      | 12        | 20.78                  | 17.03           | 0.050         |
| 64QAM      | 836.5                   | 20525      | 10 | 25      | 25        | 20.85                  | 17.10           | 0.051         |
| 64QAM      | 836.5                   | 20525      | 10 | 50      | 0         | 20.62                  | 16.87           | 0.049         |
| 64QAM      | 844                     | 20600      | 10 | 1       | 0         | 21.83                  | 18.08           | 0.064         |
| 64QAM      | 844                     | 20600      | 10 | 1       | 25        | 21.86                  | 18.11           | 0.065         |
| 64QAM      | 844                     | 20600      | 10 | 1       | 49        | 21.89                  | 18.14           | 0.065         |
| 64QAM      | 844                     | 20600      | 10 | 25      | 0         | 20.63                  | 16.88           | 0.049         |
| 64QAM      | 844                     | 20600      | 10 | 25      | 12        | 20.66                  | 16.91           | 0.049         |
| 64QAM      | 844                     | 20600      | 10 | 25      | 25        | 20.70                  | 16.95           | 0.050         |

|       |     |       |    |    |   |       |       |       |
|-------|-----|-------|----|----|---|-------|-------|-------|
| 64QAM | 844 | 20600 | 10 | 50 | 0 | 20.67 | 16.92 | 0.049 |
|-------|-----|-------|----|----|---|-------|-------|-------|

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|------------------------|-----------------|---------------|
| QPSK       | 829                     | 20450      | 10 | 1       | 0         | 22.96                  | 19.21           | 0.083         |
| QPSK       | 829                     | 20450      | 10 | 1       | 25        | 22.96                  | 19.21           | 0.083         |
| QPSK       | 829                     | 20450      | 10 | 1       | 49        | 23.03                  | 19.28           | 0.085         |
| QPSK       | 829                     | 20450      | 10 | 25      | 0         | 22.43                  | 18.68           | 0.074         |
| QPSK       | 829                     | 20450      | 10 | 25      | 12        | 22.38                  | 18.63           | 0.073         |
| QPSK       | 829                     | 20450      | 10 | 25      | 25        | 22.37                  | 18.62           | 0.073         |
| QPSK       | 829                     | 20450      | 10 | 50      | 0         | 22.48                  | 18.73           | 0.075         |
| QPSK       | 836.5                   | 20525      | 10 | 1       | 0         | 23.09                  | 19.34           | 0.086         |
| QPSK       | 836.5                   | 20525      | 10 | 1       | 25        | 23.15                  | 19.40           | 0.087         |
| QPSK       | 836.5                   | 20525      | 10 | 1       | 49        | 23.21                  | 19.46           | 0.088         |
| QPSK       | 836.5                   | 20525      | 10 | 25      | 0         | 22.52                  | 18.77           | 0.075         |
| QPSK       | 836.5                   | 20525      | 10 | 25      | 12        | 22.57                  | 18.82           | 0.076         |
| QPSK       | 836.5                   | 20525      | 10 | 25      | 25        | 22.75                  | 19.00           | 0.079         |
| QPSK       | 836.5                   | 20525      | 10 | 50      | 0         | 22.60                  | 18.85           | 0.077         |
| QPSK       | 844                     | 20600      | 10 | 1       | 0         | 23.11                  | 19.36           | 0.086         |
| QPSK       | 844                     | 20600      | 10 | 1       | 25        | 23.05                  | 19.30           | 0.085         |
| QPSK       | 844                     | 20600      | 10 | 1       | 49        | 23.06                  | 19.31           | 0.085         |
| QPSK       | 844                     | 20600      | 10 | 25      | 0         | 22.46                  | 18.71           | 0.074         |
| QPSK       | 844                     | 20600      | 10 | 25      | 12        | 22.64                  | 18.89           | 0.077         |
| QPSK       | 844                     | 20600      | 10 | 25      | 25        | 22.57                  | 18.82           | 0.076         |
| QPSK       | 844                     | 20600      | 10 | 50      | 0         | 22.61                  | 18.86           | 0.077         |