

## APPENDIX A – TEST DATA OF CONDUCTED EMISSION

### LTE Band 2

#### 1 RF Power Output

| Modulation | Carrier frequency (MHz) | UL Channel | BW  | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|-----|---------|-----------|-----------------------|
| 16QAM      | 1850.7                  | 18607      | 1.4 | 1       | 0         | 22.90                 |
| 16QAM      | 1850.7                  | 18607      | 1.4 | 1       | 3         | 22.88                 |
| 16QAM      | 1850.7                  | 18607      | 1.4 | 1       | 5         | 22.90                 |
| 16QAM      | 1850.7                  | 18607      | 1.4 | 3       | 0         | 22.40                 |
| 16QAM      | 1850.7                  | 18607      | 1.4 | 3       | 1         | 22.45                 |
| 16QAM      | 1850.7                  | 18607      | 1.4 | 3       | 3         | 22.36                 |
| 16QAM      | 1850.7                  | 18607      | 1.4 | 6       | 0         | 21.66                 |
| 16QAM      | 1880                    | 18900      | 1.4 | 1       | 0         | 22.47                 |
| 16QAM      | 1880                    | 18900      | 1.4 | 1       | 3         | 22.40                 |
| 16QAM      | 1880                    | 18900      | 1.4 | 1       | 5         | 22.44                 |
| 16QAM      | 1880                    | 18900      | 1.4 | 3       | 0         | 22.61                 |
| 16QAM      | 1880                    | 18900      | 1.4 | 3       | 1         | 22.46                 |
| 16QAM      | 1880                    | 18900      | 1.4 | 3       | 3         | 22.60                 |
| 16QAM      | 1880                    | 18900      | 1.4 | 6       | 0         | 21.59                 |
| 16QAM      | 1909.3                  | 19193      | 1.4 | 1       | 0         | 23.12                 |
| 16QAM      | 1909.3                  | 19193      | 1.4 | 1       | 3         | 23.07                 |
| 16QAM      | 1909.3                  | 19193      | 1.4 | 1       | 5         | 23.20                 |
| 16QAM      | 1909.3                  | 19193      | 1.4 | 3       | 0         | 22.65                 |
| 16QAM      | 1909.3                  | 19193      | 1.4 | 3       | 1         | 22.70                 |
| 16QAM      | 1909.3                  | 19193      | 1.4 | 3       | 3         | 22.64                 |
| 16QAM      | 1909.3                  | 19193      | 1.4 | 6       | 0         | 21.91                 |
| 64QAM      | 1850.7                  | 18607      | 1.4 | 1       | 0         | 21.72                 |
| 64QAM      | 1850.7                  | 18607      | 1.4 | 1       | 3         | 21.80                 |
| 64QAM      | 1850.7                  | 18607      | 1.4 | 1       | 5         | 21.75                 |
| 64QAM      | 1850.7                  | 18607      | 1.4 | 3       | 0         | 21.97                 |
| 64QAM      | 1850.7                  | 18607      | 1.4 | 3       | 1         | 21.97                 |
| 64QAM      | 1850.7                  | 18607      | 1.4 | 3       | 3         | 21.99                 |
| 64QAM      | 1850.7                  | 18607      | 1.4 | 6       | 0         | 20.47                 |
| 64QAM      | 1880                    | 18900      | 1.4 | 1       | 0         | 21.25                 |
| 64QAM      | 1880                    | 18900      | 1.4 | 1       | 3         | 21.34                 |
| 64QAM      | 1880                    | 18900      | 1.4 | 1       | 5         | 21.21                 |
| 64QAM      | 1880                    | 18900      | 1.4 | 3       | 0         | 21.57                 |
| 64QAM      | 1880                    | 18900      | 1.4 | 3       | 1         | 21.53                 |
| 64QAM      | 1880                    | 18900      | 1.4 | 3       | 3         | 21.45                 |
| 64QAM      | 1880                    | 18900      | 1.4 | 6       | 0         | 20.42                 |
| 64QAM      | 1909.3                  | 19193      | 1.4 | 1       | 0         | 21.42                 |
| 64QAM      | 1909.3                  | 19193      | 1.4 | 1       | 3         | 21.38                 |
| 64QAM      | 1909.3                  | 19193      | 1.4 | 1       | 5         | 21.38                 |
| 64QAM      | 1909.3                  | 19193      | 1.4 | 3       | 0         | 21.62                 |
| 64QAM      | 1909.3                  | 19193      | 1.4 | 3       | 1         | 21.57                 |
| 64QAM      | 1909.3                  | 19193      | 1.4 | 3       | 3         | 21.61                 |
| 64QAM      | 1909.3                  | 19193      | 1.4 | 6       | 0         | 20.68                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW  | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|-----|---------|-----------|-----------------------|
| QPSK       | 1850.7                  | 18607      | 1.4 | 1       | 0         | 22.94                 |
| QPSK       | 1850.7                  | 18607      | 1.4 | 1       | 3         | 22.97                 |
| QPSK       | 1850.7                  | 18607      | 1.4 | 1       | 5         | 22.96                 |
| QPSK       | 1850.7                  | 18607      | 1.4 | 3       | 0         | 23.03                 |
| QPSK       | 1850.7                  | 18607      | 1.4 | 3       | 1         | 22.98                 |
| QPSK       | 1850.7                  | 18607      | 1.4 | 3       | 3         | 22.94                 |
| QPSK       | 1850.7                  | 18607      | 1.4 | 6       | 0         | 22.46                 |
| QPSK       | 1880                    | 18900      | 1.4 | 1       | 0         | 22.76                 |
| QPSK       | 1880                    | 18900      | 1.4 | 1       | 3         | 22.88                 |
| QPSK       | 1880                    | 18900      | 1.4 | 1       | 5         | 22.74                 |
| QPSK       | 1880                    | 18900      | 1.4 | 3       | 0         | 22.84                 |
| QPSK       | 1880                    | 18900      | 1.4 | 3       | 1         | 22.89                 |
| QPSK       | 1880                    | 18900      | 1.4 | 3       | 3         | 22.80                 |
| QPSK       | 1880                    | 18900      | 1.4 | 6       | 0         | 22.30                 |
| QPSK       | 1909.3                  | 19193      | 1.4 | 1       | 0         | 23.07                 |
| QPSK       | 1909.3                  | 19193      | 1.4 | 1       | 3         | 23.04                 |
| QPSK       | 1909.3                  | 19193      | 1.4 | 1       | 5         | 23.11                 |
| QPSK       | 1909.3                  | 19193      | 1.4 | 3       | 0         | 23.08                 |
| QPSK       | 1909.3                  | 19193      | 1.4 | 3       | 1         | 23.05                 |
| QPSK       | 1909.3                  | 19193      | 1.4 | 3       | 3         | 23.05                 |
| QPSK       | 1909.3                  | 19193      | 1.4 | 6       | 0         | 22.55                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM      | 1851.5                  | 18615      | 3  | 1       | 0         | 22.58                 |
| 16QAM      | 1851.5                  | 18615      | 3  | 1       | 8         | 22.55                 |
| 16QAM      | 1851.5                  | 18615      | 3  | 1       | 14        | 22.47                 |
| 16QAM      | 1851.5                  | 18615      | 3  | 8       | 0         | 21.63                 |
| 16QAM      | 1851.5                  | 18615      | 3  | 8       | 4         | 21.60                 |
| 16QAM      | 1851.5                  | 18615      | 3  | 8       | 7         | 21.31                 |
| 16QAM      | 1851.5                  | 18615      | 3  | 15      | 0         | 21.57                 |
| 16QAM      | 1880                    | 18900      | 3  | 1       | 0         | 22.87                 |
| 16QAM      | 1880                    | 18900      | 3  | 1       | 8         | 22.78                 |
| 16QAM      | 1880                    | 18900      | 3  | 1       | 14        | 22.74                 |
| 16QAM      | 1880                    | 18900      | 3  | 8       | 0         | 21.49                 |
| 16QAM      | 1880                    | 18900      | 3  | 8       | 4         | 21.52                 |
| 16QAM      | 1880                    | 18900      | 3  | 8       | 7         | 21.47                 |
| 16QAM      | 1880                    | 18900      | 3  | 15      | 0         | 21.37                 |
| 16QAM      | 1908.5                  | 19185      | 3  | 1       | 0         | 22.48                 |
| 16QAM      | 1908.5                  | 19185      | 3  | 1       | 8         | 22.48                 |
| 16QAM      | 1908.5                  | 19185      | 3  | 1       | 14        | 22.51                 |
| 16QAM      | 1908.5                  | 19185      | 3  | 8       | 0         | 21.46                 |
| 16QAM      | 1908.5                  | 19185      | 3  | 8       | 4         | 21.54                 |
| 16QAM      | 1908.5                  | 19185      | 3  | 8       | 7         | 21.59                 |
| 16QAM      | 1908.5                  | 19185      | 3  | 15      | 0         | 21.69                 |
| 64QAM      | 1851.5                  | 18615      | 3  | 1       | 0         | 22.15                 |
| 64QAM      | 1851.5                  | 18615      | 3  | 1       | 8         | 22.23                 |
| 64QAM      | 1851.5                  | 18615      | 3  | 1       | 14        | 22.14                 |
| 64QAM      | 1851.5                  | 18615      | 3  | 8       | 0         | 20.54                 |
| 64QAM      | 1851.5                  | 18615      | 3  | 8       | 4         | 20.63                 |
| 64QAM      | 1851.5                  | 18615      | 3  | 8       | 7         | 20.53                 |
| 64QAM      | 1851.5                  | 18615      | 3  | 15      | 0         | 20.67                 |
| 64QAM      | 1880                    | 18900      | 3  | 1       | 0         | 20.71                 |
| 64QAM      | 1880                    | 18900      | 3  | 1       | 8         | 20.63                 |
| 64QAM      | 1880                    | 18900      | 3  | 1       | 14        | 20.64                 |
| 64QAM      | 1880                    | 18900      | 3  | 8       | 0         | 20.44                 |
| 64QAM      | 1880                    | 18900      | 3  | 8       | 4         | 20.46                 |
| 64QAM      | 1880                    | 18900      | 3  | 8       | 7         | 20.52                 |
| 64QAM      | 1880                    | 18900      | 3  | 15      | 0         | 20.56                 |
| 64QAM      | 1908.5                  | 19185      | 3  | 1       | 0         | 22.24                 |
| 64QAM      | 1908.5                  | 19185      | 3  | 1       | 8         | 22.31                 |
| 64QAM      | 1908.5                  | 19185      | 3  | 1       | 14        | 22.27                 |
| 64QAM      | 1908.5                  | 19185      | 3  | 8       | 0         | 20.50                 |
| 64QAM      | 1908.5                  | 19185      | 3  | 8       | 4         | 20.63                 |
| 64QAM      | 1908.5                  | 19185      | 3  | 8       | 7         | 20.64                 |
| 64QAM      | 1908.5                  | 19185      | 3  | 15      | 0         | 20.54                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 1851.5                  | 18615      | 3  | 1       | 0         | 22.87                 |
| QPSK       | 1851.5                  | 18615      | 3  | 1       | 8         | 22.94                 |
| QPSK       | 1851.5                  | 18615      | 3  | 1       | 14        | 22.88                 |
| QPSK       | 1851.5                  | 18615      | 3  | 8       | 0         | 22.48                 |
| QPSK       | 1851.5                  | 18615      | 3  | 8       | 4         | 22.51                 |
| QPSK       | 1851.5                  | 18615      | 3  | 8       | 7         | 22.34                 |
| QPSK       | 1851.5                  | 18615      | 3  | 15      | 0         | 22.54                 |
| QPSK       | 1880                    | 18900      | 3  | 1       | 0         | 23.04                 |
| QPSK       | 1880                    | 18900      | 3  | 1       | 8         | 22.96                 |
| QPSK       | 1880                    | 18900      | 3  | 1       | 14        | 22.95                 |
| QPSK       | 1880                    | 18900      | 3  | 8       | 0         | 22.32                 |
| QPSK       | 1880                    | 18900      | 3  | 8       | 4         | 22.33                 |
| QPSK       | 1880                    | 18900      | 3  | 8       | 7         | 22.29                 |
| QPSK       | 1880                    | 18900      | 3  | 15      | 0         | 22.30                 |
| QPSK       | 1908.5                  | 19185      | 3  | 1       | 0         | 23.19                 |
| QPSK       | 1908.5                  | 19185      | 3  | 1       | 8         | 23.18                 |
| QPSK       | 1908.5                  | 19185      | 3  | 1       | 14        | 23.22                 |
| QPSK       | 1908.5                  | 19185      | 3  | 8       | 0         | 22.41                 |
| QPSK       | 1908.5                  | 19185      | 3  | 8       | 4         | 22.35                 |
| QPSK       | 1908.5                  | 19185      | 3  | 8       | 7         | 22.39                 |
| QPSK       | 1908.5                  | 19185      | 3  | 15      | 0         | 22.46                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM      | 1852.5                  | 18625      | 5  | 1       | 0         | 21.98                 |
| 16QAM      | 1852.5                  | 18625      | 5  | 1       | 12        | 21.87                 |
| 16QAM      | 1852.5                  | 18625      | 5  | 1       | 24        | 21.94                 |
| 16QAM      | 1852.5                  | 18625      | 5  | 12      | 0         | 21.33                 |
| 16QAM      | 1852.5                  | 18625      | 5  | 12      | 7         | 21.46                 |
| 16QAM      | 1852.5                  | 18625      | 5  | 12      | 13        | 21.41                 |
| 16QAM      | 1852.5                  | 18625      | 5  | 25      | 0         | 21.57                 |
| 16QAM      | 1880                    | 18900      | 5  | 1       | 0         | 22.48                 |
| 16QAM      | 1880                    | 18900      | 5  | 1       | 12        | 22.52                 |
| 16QAM      | 1880                    | 18900      | 5  | 1       | 24        | 22.44                 |
| 16QAM      | 1880                    | 18900      | 5  | 12      | 0         | 21.28                 |
| 16QAM      | 1880                    | 18900      | 5  | 12      | 7         | 21.24                 |
| 16QAM      | 1880                    | 18900      | 5  | 12      | 13        | 21.19                 |
| 16QAM      | 1880                    | 18900      | 5  | 25      | 0         | 21.47                 |
| 16QAM      | 1907.5                  | 19175      | 5  | 1       | 0         | 22.31                 |
| 16QAM      | 1907.5                  | 19175      | 5  | 1       | 12        | 22.36                 |
| 16QAM      | 1907.5                  | 19175      | 5  | 1       | 24        | 22.33                 |
| 16QAM      | 1907.5                  | 19175      | 5  | 12      | 0         | 21.58                 |
| 16QAM      | 1907.5                  | 19175      | 5  | 12      | 7         | 21.61                 |
| 16QAM      | 1907.5                  | 19175      | 5  | 12      | 13        | 21.65                 |
| 16QAM      | 1907.5                  | 19175      | 5  | 25      | 0         | 21.54                 |
| 64QAM      | 1852.5                  | 18625      | 5  | 1       | 0         | 21.15                 |
| 64QAM      | 1852.5                  | 18625      | 5  | 1       | 12        | 21.09                 |
| 64QAM      | 1852.5                  | 18625      | 5  | 1       | 24        | 21.17                 |
| 64QAM      | 1852.5                  | 18625      | 5  | 12      | 0         | 20.63                 |
| 64QAM      | 1852.5                  | 18625      | 5  | 12      | 7         | 20.46                 |
| 64QAM      | 1852.5                  | 18625      | 5  | 12      | 13        | 20.58                 |
| 64QAM      | 1852.5                  | 18625      | 5  | 25      | 0         | 20.50                 |
| 64QAM      | 1880                    | 18900      | 5  | 1       | 0         | 21.55                 |
| 64QAM      | 1880                    | 18900      | 5  | 1       | 12        | 21.45                 |
| 64QAM      | 1880                    | 18900      | 5  | 1       | 24        | 21.45                 |
| 64QAM      | 1880                    | 18900      | 5  | 12      | 0         | 20.31                 |
| 64QAM      | 1880                    | 18900      | 5  | 12      | 7         | 20.37                 |
| 64QAM      | 1880                    | 18900      | 5  | 12      | 13        | 20.34                 |
| 64QAM      | 1880                    | 18900      | 5  | 25      | 0         | 20.52                 |
| 64QAM      | 1907.5                  | 19175      | 5  | 1       | 0         | 21.44                 |
| 64QAM      | 1907.5                  | 19175      | 5  | 1       | 12        | 21.46                 |
| 64QAM      | 1907.5                  | 19175      | 5  | 1       | 24        | 21.57                 |
| 64QAM      | 1907.5                  | 19175      | 5  | 12      | 0         | 20.59                 |
| 64QAM      | 1907.5                  | 19175      | 5  | 12      | 7         | 20.45                 |
| 64QAM      | 1907.5                  | 19175      | 5  | 12      | 13        | 20.67                 |
| 64QAM      | 1907.5                  | 19175      | 5  | 25      | 0         | 20.67                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 1852.5                  | 18625      | 5  | 1       | 0         | 22.99                 |
| QPSK       | 1852.5                  | 18625      | 5  | 1       | 12        | 22.90                 |
| QPSK       | 1852.5                  | 18625      | 5  | 1       | 24        | 22.98                 |
| QPSK       | 1852.5                  | 18625      | 5  | 12      | 0         | 22.47                 |
| QPSK       | 1852.5                  | 18625      | 5  | 12      | 7         | 22.27                 |
| QPSK       | 1852.5                  | 18625      | 5  | 12      | 13        | 22.34                 |
| QPSK       | 1852.5                  | 18625      | 5  | 25      | 0         | 22.32                 |
| QPSK       | 1880                    | 18900      | 5  | 1       | 0         | 22.68                 |
| QPSK       | 1880                    | 18900      | 5  | 1       | 12        | 22.66                 |
| QPSK       | 1880                    | 18900      | 5  | 1       | 24        | 22.75                 |
| QPSK       | 1880                    | 18900      | 5  | 12      | 0         | 22.27                 |
| QPSK       | 1880                    | 18900      | 5  | 12      | 7         | 22.31                 |
| QPSK       | 1880                    | 18900      | 5  | 12      | 13        | 22.34                 |
| QPSK       | 1880                    | 18900      | 5  | 25      | 0         | 22.39                 |
| QPSK       | 1907.5                  | 19175      | 5  | 1       | 0         | 23.11                 |
| QPSK       | 1907.5                  | 19175      | 5  | 1       | 12        | 23.14                 |
| QPSK       | 1907.5                  | 19175      | 5  | 1       | 24        | 23.15                 |
| QPSK       | 1907.5                  | 19175      | 5  | 12      | 0         | 22.57                 |
| QPSK       | 1907.5                  | 19175      | 5  | 12      | 7         | 22.48                 |
| QPSK       | 1907.5                  | 19175      | 5  | 12      | 13        | 22.51                 |
| QPSK       | 1907.5                  | 19175      | 5  | 25      | 0         | 22.48                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM      | 1855                    | 18650      | 10 | 1       | 0         | 23.46                 |
| 16QAM      | 1855                    | 18650      | 10 | 1       | 25        | 23.41                 |
| 16QAM      | 1855                    | 18650      | 10 | 1       | 49        | 23.46                 |
| 16QAM      | 1855                    | 18650      | 10 | 25      | 0         | 21.49                 |
| 16QAM      | 1855                    | 18650      | 10 | 25      | 12        | 21.55                 |
| 16QAM      | 1855                    | 18650      | 10 | 25      | 25        | 21.50                 |
| 16QAM      | 1855                    | 18650      | 10 | 50      | 0         | 21.51                 |
| 16QAM      | 1880                    | 18900      | 10 | 1       | 0         | 23.05                 |
| 16QAM      | 1880                    | 18900      | 10 | 1       | 25        | 23.00                 |
| 16QAM      | 1880                    | 18900      | 10 | 1       | 49        | 23.08                 |
| 16QAM      | 1880                    | 18900      | 10 | 25      | 0         | 21.50                 |
| 16QAM      | 1880                    | 18900      | 10 | 25      | 12        | 21.47                 |
| 16QAM      | 1880                    | 18900      | 10 | 25      | 25        | 21.54                 |
| 16QAM      | 1880                    | 18900      | 10 | 50      | 0         | 21.71                 |
| 16QAM      | 1905                    | 19150      | 10 | 1       | 0         | 22.66                 |
| 16QAM      | 1905                    | 19150      | 10 | 1       | 25        | 22.82                 |
| 16QAM      | 1905                    | 19150      | 10 | 1       | 49        | 22.92                 |
| 16QAM      | 1905                    | 19150      | 10 | 25      | 0         | 21.71                 |
| 16QAM      | 1905                    | 19150      | 10 | 25      | 12        | 21.67                 |
| 16QAM      | 1905                    | 19150      | 10 | 25      | 25        | 21.82                 |
| 16QAM      | 1905                    | 19150      | 10 | 50      | 0         | 21.60                 |
| 64QAM      | 1855                    | 18650      | 10 | 1       | 0         | 22.17                 |
| 64QAM      | 1855                    | 18650      | 10 | 1       | 25        | 22.08                 |
| 64QAM      | 1855                    | 18650      | 10 | 1       | 49        | 22.21                 |
| 64QAM      | 1855                    | 18650      | 10 | 25      | 0         | 20.50                 |
| 64QAM      | 1855                    | 18650      | 10 | 25      | 12        | 20.52                 |
| 64QAM      | 1855                    | 18650      | 10 | 25      | 25        | 20.57                 |
| 64QAM      | 1855                    | 18650      | 10 | 50      | 0         | 20.54                 |
| 64QAM      | 1880                    | 18900      | 10 | 1       | 0         | 21.17                 |
| 64QAM      | 1880                    | 18900      | 10 | 1       | 25        | 21.16                 |
| 64QAM      | 1880                    | 18900      | 10 | 1       | 49        | 21.10                 |
| 64QAM      | 1880                    | 18900      | 10 | 25      | 0         | 20.62                 |
| 64QAM      | 1880                    | 18900      | 10 | 25      | 12        | 20.58                 |
| 64QAM      | 1880                    | 18900      | 10 | 25      | 25        | 20.62                 |
| 64QAM      | 1880                    | 18900      | 10 | 50      | 0         | 20.46                 |
| 64QAM      | 1905                    | 19150      | 10 | 1       | 0         | 21.73                 |
| 64QAM      | 1905                    | 19150      | 10 | 1       | 25        | 21.75                 |
| 64QAM      | 1905                    | 19150      | 10 | 1       | 49        | 21.93                 |
| 64QAM      | 1905                    | 19150      | 10 | 25      | 0         | 20.57                 |
| 64QAM      | 1905                    | 19150      | 10 | 25      | 12        | 20.68                 |
| 64QAM      | 1905                    | 19150      | 10 | 25      | 25        | 20.74                 |
| 64QAM      | 1905                    | 19150      | 10 | 50      | 0         | 20.71                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 1855                    | 18650      | 10 | 1       | 0         | 22.97                 |
| QPSK       | 1855                    | 18650      | 10 | 1       | 25        | 22.91                 |
| QPSK       | 1855                    | 18650      | 10 | 1       | 49        | 22.95                 |
| QPSK       | 1855                    | 18650      | 10 | 25      | 0         | 22.39                 |
| QPSK       | 1855                    | 18650      | 10 | 25      | 12        | 22.46                 |
| QPSK       | 1855                    | 18650      | 10 | 25      | 25        | 22.39                 |
| QPSK       | 1855                    | 18650      | 10 | 50      | 0         | 22.35                 |
| QPSK       | 1880                    | 18900      | 10 | 1       | 0         | 22.84                 |
| QPSK       | 1880                    | 18900      | 10 | 1       | 25        | 22.92                 |
| QPSK       | 1880                    | 18900      | 10 | 1       | 49        | 22.86                 |
| QPSK       | 1880                    | 18900      | 10 | 25      | 0         | 22.37                 |
| QPSK       | 1880                    | 18900      | 10 | 25      | 12        | 22.34                 |
| QPSK       | 1880                    | 18900      | 10 | 25      | 25        | 22.38                 |
| QPSK       | 1880                    | 18900      | 10 | 50      | 0         | 22.36                 |
| QPSK       | 1905                    | 19150      | 10 | 1       | 0         | 22.86                 |
| QPSK       | 1905                    | 19150      | 10 | 1       | 25        | 22.93                 |
| QPSK       | 1905                    | 19150      | 10 | 1       | 49        | 23.00                 |
| QPSK       | 1905                    | 19150      | 10 | 25      | 0         | 22.38                 |
| QPSK       | 1905                    | 19150      | 10 | 25      | 12        | 22.48                 |
| QPSK       | 1905                    | 19150      | 10 | 25      | 25        | 22.58                 |
| QPSK       | 1905                    | 19150      | 10 | 50      | 0         | 22.53                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM      | 1857.5                  | 18675      | 15 | 1       | 0         | 23.48                 |
| 16QAM      | 1857.5                  | 18675      | 15 | 1       | 37        | 23.45                 |
| 16QAM      | 1857.5                  | 18675      | 15 | 1       | 74        | 23.43                 |
| 16QAM      | 1857.5                  | 18675      | 15 | 36      | 0         | 21.55                 |
| 16QAM      | 1857.5                  | 18675      | 15 | 36      | 29        | 21.59                 |
| 16QAM      | 1857.5                  | 18675      | 15 | 36      | 30        | 21.61                 |
| 16QAM      | 1857.5                  | 18675      | 15 | 75      | 0         | 21.54                 |
| 16QAM      | 1880                    | 18900      | 15 | 1       | 0         | 23.04                 |
| 16QAM      | 1880                    | 18900      | 15 | 1       | 37        | 23.01                 |
| 16QAM      | 1880                    | 18900      | 15 | 1       | 74        | 23.00                 |
| 16QAM      | 1880                    | 18900      | 15 | 36      | 0         | 21.58                 |
| 16QAM      | 1880                    | 18900      | 15 | 36      | 29        | 21.51                 |
| 16QAM      | 1880                    | 18900      | 15 | 36      | 30        | 21.51                 |
| 16QAM      | 1880                    | 18900      | 15 | 75      | 0         | 21.45                 |
| 16QAM      | 1902.5                  | 19125      | 15 | 1       | 0         | 22.84                 |
| 16QAM      | 1902.5                  | 19125      | 15 | 1       | 37        | 22.86                 |
| 16QAM      | 1902.5                  | 19125      | 15 | 1       | 74        | 23.01                 |
| 16QAM      | 1902.5                  | 19125      | 15 | 36      | 0         | 21.50                 |
| 16QAM      | 1902.5                  | 19125      | 15 | 36      | 29        | 21.61                 |
| 16QAM      | 1902.5                  | 19125      | 15 | 36      | 30        | 21.47                 |
| 16QAM      | 1902.5                  | 19125      | 15 | 75      | 0         | 21.53                 |
| 64QAM      | 1857.5                  | 18675      | 15 | 1       | 0         | 22.14                 |
| 64QAM      | 1857.5                  | 18675      | 15 | 1       | 37        | 21.93                 |
| 64QAM      | 1857.5                  | 18675      | 15 | 1       | 74        | 22.16                 |
| 64QAM      | 1857.5                  | 18675      | 15 | 36      | 0         | 20.43                 |
| 64QAM      | 1857.5                  | 18675      | 15 | 36      | 29        | 20.48                 |
| 64QAM      | 1857.5                  | 18675      | 15 | 36      | 30        | 20.49                 |
| 64QAM      | 1857.5                  | 18675      | 15 | 75      | 0         | 20.58                 |
| 64QAM      | 1880                    | 18900      | 15 | 1       | 0         | 21.23                 |
| 64QAM      | 1880                    | 18900      | 15 | 1       | 37        | 21.16                 |
| 64QAM      | 1880                    | 18900      | 15 | 1       | 74        | 21.24                 |
| 64QAM      | 1880                    | 18900      | 15 | 36      | 0         | 20.64                 |
| 64QAM      | 1880                    | 18900      | 15 | 36      | 29        | 20.60                 |
| 64QAM      | 1880                    | 18900      | 15 | 36      | 30        | 20.59                 |
| 64QAM      | 1880                    | 18900      | 15 | 75      | 0         | 20.57                 |
| 64QAM      | 1902.5                  | 19125      | 15 | 1       | 0         | 22.48                 |
| 64QAM      | 1902.5                  | 19125      | 15 | 1       | 37        | 22.54                 |
| 64QAM      | 1902.5                  | 19125      | 15 | 1       | 74        | 22.68                 |
| 64QAM      | 1902.5                  | 19125      | 15 | 36      | 0         | 20.52                 |
| 64QAM      | 1902.5                  | 19125      | 15 | 36      | 29        | 20.58                 |
| 64QAM      | 1902.5                  | 19125      | 15 | 36      | 30        | 20.58                 |
| 64QAM      | 1902.5                  | 19125      | 15 | 75      | 0         | 20.58                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 1857.5                  | 18675      | 15 | 1       | 0         | 23.00                 |
| QPSK       | 1857.5                  | 18675      | 15 | 1       | 37        | 22.95                 |
| QPSK       | 1857.5                  | 18675      | 15 | 1       | 74        | 22.96                 |
| QPSK       | 1857.5                  | 18675      | 15 | 36      | 0         | 22.34                 |
| QPSK       | 1857.5                  | 18675      | 15 | 36      | 29        | 22.31                 |
| QPSK       | 1857.5                  | 18675      | 15 | 36      | 30        | 22.32                 |
| QPSK       | 1857.5                  | 18675      | 15 | 75      | 0         | 22.45                 |
| QPSK       | 1880                    | 18900      | 15 | 1       | 0         | 23.05                 |
| QPSK       | 1880                    | 18900      | 15 | 1       | 37        | 23.02                 |
| QPSK       | 1880                    | 18900      | 15 | 1       | 74        | 23.03                 |
| QPSK       | 1880                    | 18900      | 15 | 36      | 0         | 22.35                 |
| QPSK       | 1880                    | 18900      | 15 | 36      | 29        | 22.25                 |
| QPSK       | 1880                    | 18900      | 15 | 36      | 30        | 22.23                 |
| QPSK       | 1880                    | 18900      | 15 | 75      | 0         | 22.34                 |
| QPSK       | 1902.5                  | 19125      | 15 | 1       | 0         | 22.60                 |
| QPSK       | 1902.5                  | 19125      | 15 | 1       | 37        | 22.69                 |
| QPSK       | 1902.5                  | 19125      | 15 | 1       | 74        | 22.77                 |
| QPSK       | 1902.5                  | 19125      | 15 | 36      | 0         | 22.45                 |
| QPSK       | 1902.5                  | 19125      | 15 | 36      | 29        | 22.49                 |
| QPSK       | 1902.5                  | 19125      | 15 | 36      | 30        | 22.47                 |
| QPSK       | 1902.5                  | 19125      | 15 | 75      | 0         | 22.46                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM      | 1860                    | 18700      | 20 | 1       | 0         | 23.00                 |
| 16QAM      | 1860                    | 18700      | 20 | 1       | 49        | 22.98                 |
| 16QAM      | 1860                    | 18700      | 20 | 1       | 99        | 23.05                 |
| 16QAM      | 1860                    | 18700      | 20 | 50      | 0         | 21.66                 |
| 16QAM      | 1860                    | 18700      | 20 | 50      | 24        | 21.69                 |
| 16QAM      | 1860                    | 18700      | 20 | 50      | 50        | 21.53                 |
| 16QAM      | 1860                    | 18700      | 20 | 100     | 0         | 21.46                 |
| 16QAM      | 1880                    | 18900      | 20 | 1       | 0         | 22.31                 |
| 16QAM      | 1880                    | 18900      | 20 | 1       | 49        | 22.35                 |
| 16QAM      | 1880                    | 18900      | 20 | 1       | 99        | 22.40                 |
| 16QAM      | 1880                    | 18900      | 20 | 50      | 0         | 21.59                 |
| 16QAM      | 1880                    | 18900      | 20 | 50      | 24        | 21.59                 |
| 16QAM      | 1880                    | 18900      | 20 | 50      | 50        | 21.48                 |
| 16QAM      | 1880                    | 18900      | 20 | 100     | 0         | 21.53                 |
| 16QAM      | 1900                    | 19100      | 20 | 1       | 0         | 22.70                 |
| 16QAM      | 1900                    | 19100      | 20 | 1       | 49        | 22.66                 |
| 16QAM      | 1900                    | 19100      | 20 | 1       | 99        | 22.89                 |
| 16QAM      | 1900                    | 19100      | 20 | 50      | 0         | 21.44                 |
| 16QAM      | 1900                    | 19100      | 20 | 50      | 24        | 21.47                 |
| 16QAM      | 1900                    | 19100      | 20 | 50      | 50        | 21.58                 |
| 16QAM      | 1900                    | 19100      | 20 | 100     | 0         | 21.50                 |
| 64QAM      | 1860                    | 18700      | 20 | 1       | 0         | 22.59                 |
| 64QAM      | 1860                    | 18700      | 20 | 1       | 49        | 22.49                 |
| 64QAM      | 1860                    | 18700      | 20 | 1       | 99        | 22.50                 |
| 64QAM      | 1860                    | 18700      | 20 | 50      | 0         | 20.65                 |
| 64QAM      | 1860                    | 18700      | 20 | 50      | 24        | 20.62                 |
| 64QAM      | 1860                    | 18700      | 20 | 50      | 50        | 20.61                 |
| 64QAM      | 1860                    | 18700      | 20 | 100     | 0         | 20.58                 |
| 64QAM      | 1880                    | 18900      | 20 | 1       | 0         | 21.71                 |
| 64QAM      | 1880                    | 18900      | 20 | 1       | 49        | 21.69                 |
| 64QAM      | 1880                    | 18900      | 20 | 1       | 99        | 21.61                 |
| 64QAM      | 1880                    | 18900      | 20 | 50      | 0         | 20.51                 |
| 64QAM      | 1880                    | 18900      | 20 | 50      | 24        | 20.45                 |
| 64QAM      | 1880                    | 18900      | 20 | 50      | 50        | 20.40                 |
| 64QAM      | 1880                    | 18900      | 20 | 100     | 0         | 20.43                 |
| 64QAM      | 1900                    | 19100      | 20 | 1       | 0         | 22.39                 |
| 64QAM      | 1900                    | 19100      | 20 | 1       | 49        | 22.38                 |
| 64QAM      | 1900                    | 19100      | 20 | 1       | 99        | 22.63                 |
| 64QAM      | 1900                    | 19100      | 20 | 50      | 0         | 20.58                 |
| 64QAM      | 1900                    | 19100      | 20 | 50      | 24        | 20.61                 |
| 64QAM      | 1900                    | 19100      | 20 | 50      | 50        | 20.63                 |
| 64QAM      | 1900                    | 19100      | 20 | 100     | 0         | 20.59                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 1860                    | 18700      | 20 | 1       | 0         | 22.84                 |
| QPSK       | 1860                    | 18700      | 20 | 1       | 49        | 22.80                 |
| QPSK       | 1860                    | 18700      | 20 | 1       | 99        | 22.88                 |
| QPSK       | 1860                    | 18700      | 20 | 50      | 0         | 22.40                 |
| QPSK       | 1860                    | 18700      | 20 | 50      | 24        | 22.31                 |
| QPSK       | 1860                    | 18700      | 20 | 50      | 50        | 22.41                 |
| QPSK       | 1860                    | 18700      | 20 | 100     | 0         | 22.43                 |
| QPSK       | 1880                    | 18900      | 20 | 1       | 0         | 22.90                 |
| QPSK       | 1880                    | 18900      | 20 | 1       | 49        | 22.96                 |
| QPSK       | 1880                    | 18900      | 20 | 1       | 99        | 22.91                 |
| QPSK       | 1880                    | 18900      | 20 | 50      | 0         | 22.32                 |
| QPSK       | 1880                    | 18900      | 20 | 50      | 24        | 22.34                 |
| QPSK       | 1880                    | 18900      | 20 | 50      | 50        | 22.43                 |
| QPSK       | 1880                    | 18900      | 20 | 100     | 0         | 22.42                 |
| QPSK       | 1900                    | 19100      | 20 | 1       | 0         | 22.48                 |
| QPSK       | 1900                    | 19100      | 20 | 1       | 49        | 22.81                 |
| QPSK       | 1900                    | 19100      | 20 | 1       | 99        | 22.94                 |
| QPSK       | 1900                    | 19100      | 20 | 50      | 0         | 22.35                 |
| QPSK       | 1900                    | 19100      | 20 | 50      | 24        | 22.31                 |
| QPSK       | 1900                    | 19100      | 20 | 50      | 50        | 22.54                 |
| QPSK       | 1900                    | 19100      | 20 | 100     | 0         | 22.37                 |

## 2 Occupied Bandwidth

| Band | Mode | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of 99% Power (MHz) |        |
|------|------|-------------------------|---------|----------|---------|-----------|------------------------------|--------|
| 2    | QPSK | 1850.7                  | 18607   | 1.4      | 6       | 0         | 1.070                        | Fig.1  |
| 2    | QPSK | 1880                    | 18900   | 1.4      | 6       | 0         | 1.070                        | Fig.2  |
| 2    | QPSK | 1909.3                  | 19193   | 1.4      | 6       | 0         | 1.080                        | Fig.3  |
| 2    | QPSK | 1851.5                  | 18615   | 3        | 15      | 0         | 2.680                        | Fig.4  |
| 2    | QPSK | 1880                    | 18900   | 3        | 15      | 0         | 2.680                        | Fig.5  |
| 2    | QPSK | 1908.5                  | 19185   | 3        | 15      | 0         | 2.680                        | Fig.6  |
| 2    | QPSK | 1852.5                  | 18625   | 5        | 25      | 0         | 4.450                        | Fig.7  |
| 2    | QPSK | 1880                    | 18900   | 5        | 25      | 0         | 4.450                        | Fig.8  |
| 2    | QPSK | 1907.5                  | 19175   | 5        | 25      | 0         | 4.460                        | Fig.9  |
| 2    | QPSK | 1855                    | 18650   | 10       | 50      | 0         | 8.940                        | Fig.10 |
| 2    | QPSK | 1880                    | 18900   | 10       | 50      | 0         | 8.910                        | Fig.11 |
| 2    | QPSK | 1905                    | 19150   | 10       | 50      | 0         | 8.930                        | Fig.12 |
| 2    | QPSK | 1857.5                  | 18675   | 15       | 75      | 0         | 13.390                       | Fig.13 |
| 2    | QPSK | 1880                    | 18900   | 15       | 75      | 0         | 13.360                       | Fig.14 |
| 2    | QPSK | 1902.5                  | 19125   | 15       | 75      | 0         | 13.370                       | Fig.15 |
| 2    | QPSK | 1860                    | 18700   | 20       | 100     | 0         | 17.850                       | Fig.16 |
| 2    | QPSK | 1880                    | 18900   | 20       | 100     | 0         | 17.860                       | Fig.17 |
| 2    | QPSK | 1900                    | 19100   | 20       | 100     | 0         | 17.830                       | Fig.18 |

| Band | Mode  | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of 99% Power (MHz) |        |
|------|-------|-------------------------|---------|----------|---------|-----------|------------------------------|--------|
| 2    | 16QAM | 1850.7                  | 18607   | 1.4      | 6       | 0         | 1.080                        | Fig.19 |
| 2    | 16QAM | 1880                    | 18900   | 1.4      | 6       | 0         | 1.070                        | Fig.20 |
| 2    | 16QAM | 1909.3                  | 19193   | 1.4      | 6       | 0         | 1.080                        | Fig.21 |
| 2    | 16QAM | 1851.5                  | 18615   | 3        | 15      | 0         | 2.680                        | Fig.22 |
| 2    | 16QAM | 1880                    | 18900   | 3        | 15      | 0         | 2.670                        | Fig.23 |
| 2    | 16QAM | 1908.5                  | 19185   | 3        | 15      | 0         | 2.680                        | Fig.24 |
| 2    | 16QAM | 1852.5                  | 18625   | 5        | 25      | 0         | 4.460                        | Fig.25 |
| 2    | 16QAM | 1880                    | 18900   | 5        | 25      | 0         | 4.460                        | Fig.26 |
| 2    | 16QAM | 1907.5                  | 19175   | 5        | 25      | 0         | 4.450                        | Fig.27 |
| 2    | 16QAM | 1855                    | 18650   | 10       | 50      | 0         | 8.920                        | Fig.28 |
| 2    | 16QAM | 1880                    | 18900   | 10       | 50      | 0         | 8.900                        | Fig.29 |
| 2    | 16QAM | 1905                    | 19150   | 10       | 50      | 0         | 8.910                        | Fig.30 |
| 2    | 16QAM | 1857.5                  | 18675   | 15       | 75      | 0         | 13.370                       | Fig.31 |
| 2    | 16QAM | 1880                    | 18900   | 15       | 75      | 0         | 13.350                       | Fig.32 |
| 2    | 16QAM | 1902.5                  | 19125   | 15       | 75      | 0         | 13.350                       | Fig.33 |
| 2    | 16QAM | 1860                    | 18700   | 20       | 100     | 0         | 17.850                       | Fig.34 |
| 2    | 16QAM | 1880                    | 18900   | 20       | 100     | 0         | 17.870                       | Fig.35 |
| 2    | 16QAM | 1900                    | 19100   | 20       | 100     | 0         | 17.840                       | Fig.36 |

| Band | Mode  | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of 99% Power (MHz) |        |
|------|-------|-------------------------|---------|----------|---------|-----------|------------------------------|--------|
| 2    | 64QAM | 1850.7                  | 18607   | 1.4      | 6       | 0         | 1.070                        | Fig.37 |
| 2    | 64QAM | 1880                    | 18900   | 1.4      | 6       | 0         | 1.070                        | Fig.38 |
| 2    | 64QAM | 1909.3                  | 19193   | 1.4      | 6       | 0         | 1.070                        | Fig.39 |
| 2    | 64QAM | 1851.5                  | 18615   | 3        | 15      | 0         | 2.680                        | Fig.40 |
| 2    | 64QAM | 1880                    | 18900   | 3        | 15      | 0         | 2.670                        | Fig.41 |
| 2    | 64QAM | 1908.5                  | 19185   | 3        | 15      | 0         | 2.680                        | Fig.42 |
| 2    | 64QAM | 1852.5                  | 18625   | 5        | 25      | 0         | 4.460                        | Fig.43 |
| 2    | 64QAM | 1880                    | 18900   | 5        | 25      | 0         | 4.460                        | Fig.44 |
| 2    | 64QAM | 1907.5                  | 19175   | 5        | 25      | 0         | 4.460                        | Fig.45 |
| 2    | 64QAM | 1855                    | 18650   | 10       | 50      | 0         | 8.940                        | Fig.46 |
| 2    | 64QAM | 1880                    | 18900   | 10       | 50      | 0         | 8.910                        | Fig.47 |
| 2    | 64QAM | 1905                    | 19150   | 10       | 50      | 0         | 8.930                        | Fig.48 |
| 2    | 64QAM | 1857.5                  | 18675   | 15       | 75      | 0         | 13.360                       | Fig.49 |
| 2    | 64QAM | 1880                    | 18900   | 15       | 75      | 0         | 13.370                       | Fig.50 |
| 2    | 64QAM | 1902.5                  | 19125   | 15       | 75      | 0         | 13.350                       | Fig.51 |
| 2    | 64QAM | 1860                    | 18700   | 20       | 100     | 0         | 17.840                       | Fig.52 |
| 2    | 64QAM | 1880                    | 18900   | 20       | 100     | 0         | 17.860                       | Fig.53 |
| 2    | 64QAM | 1900                    | 19100   | 20       | 100     | 0         | 17.840                       | Fig.54 |

Test Mode: QPSK

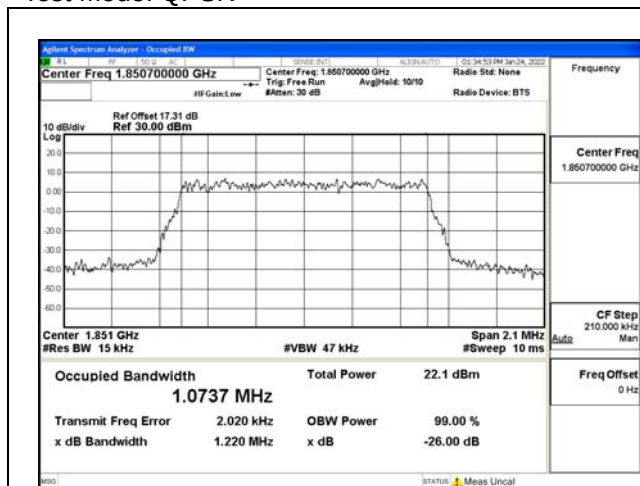


Fig.1

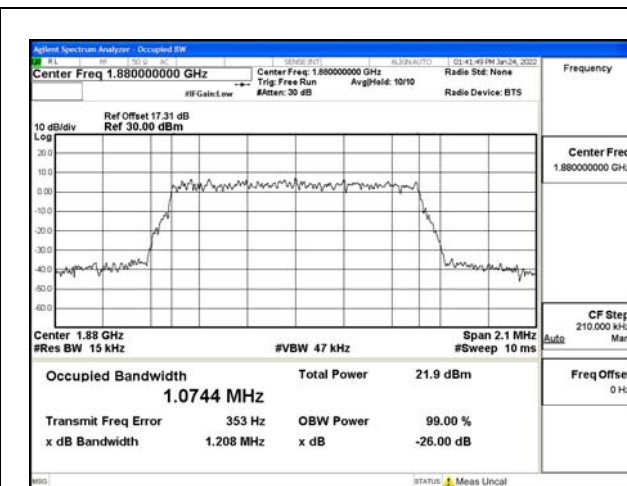


Fig.2

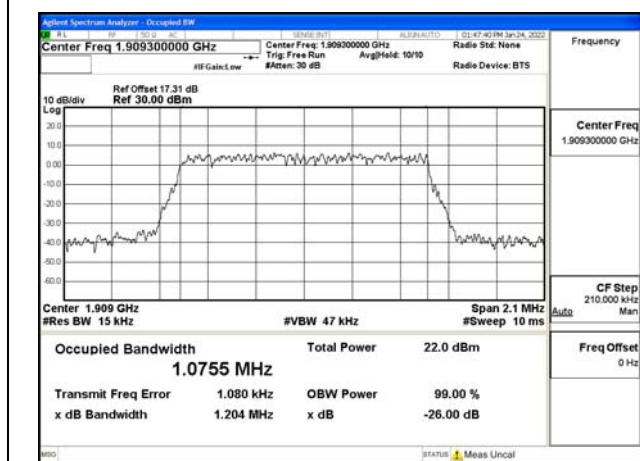


Fig.3

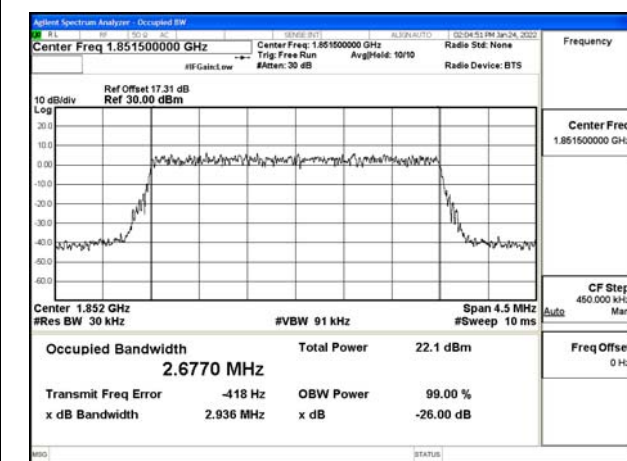


Fig.4

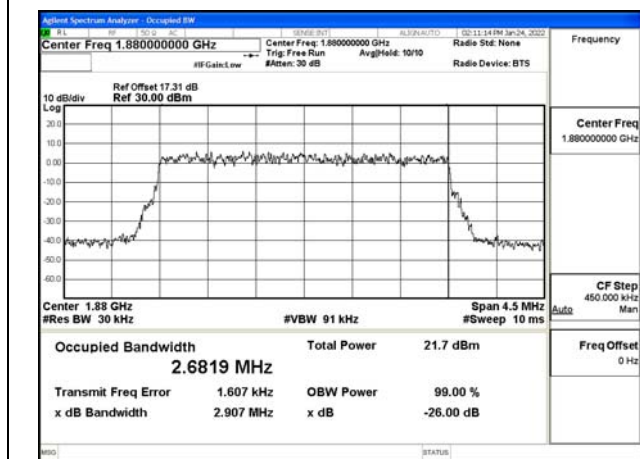


Fig.5

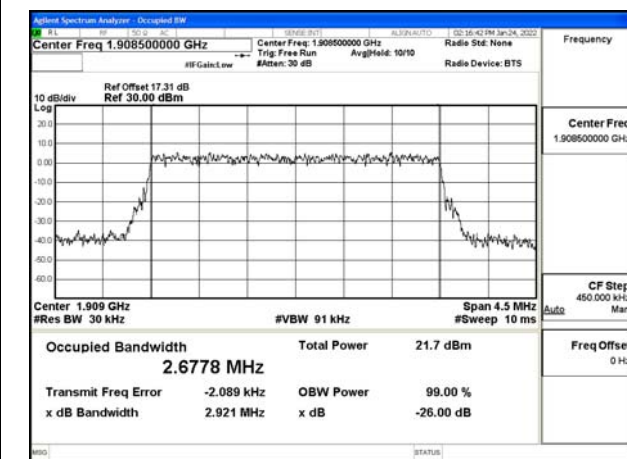


Fig.6

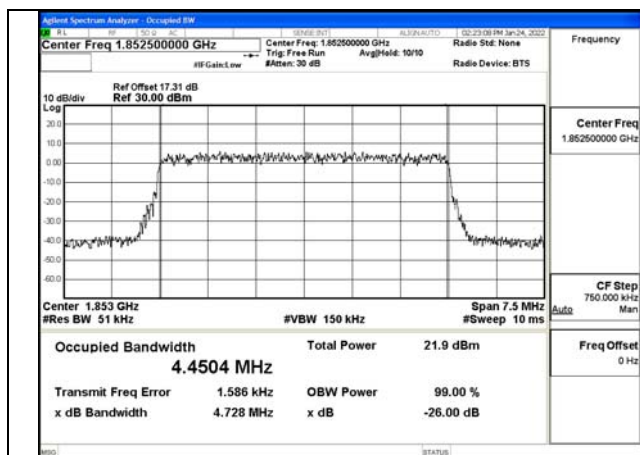


Fig.9

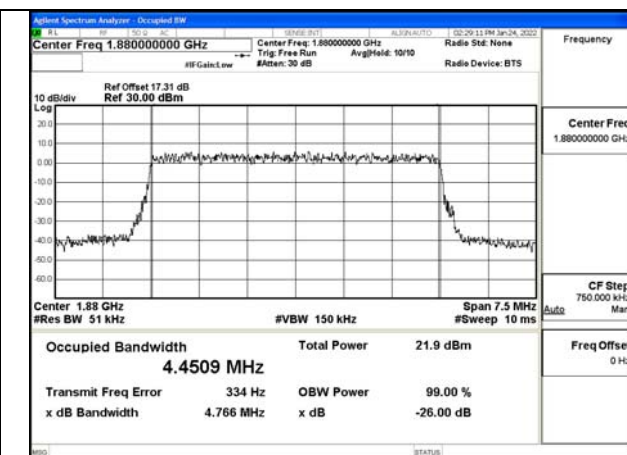


Fig.10

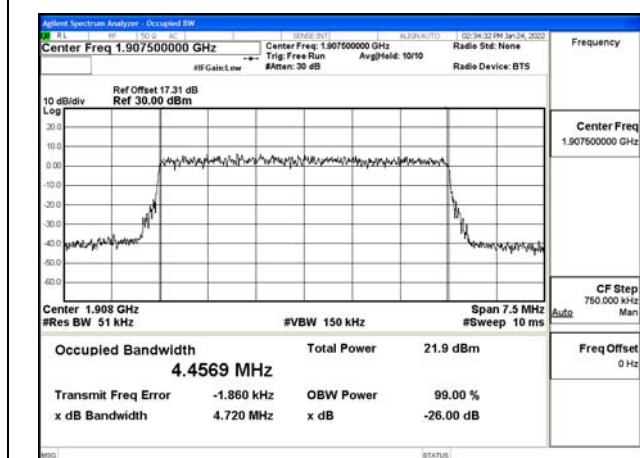


Fig.11

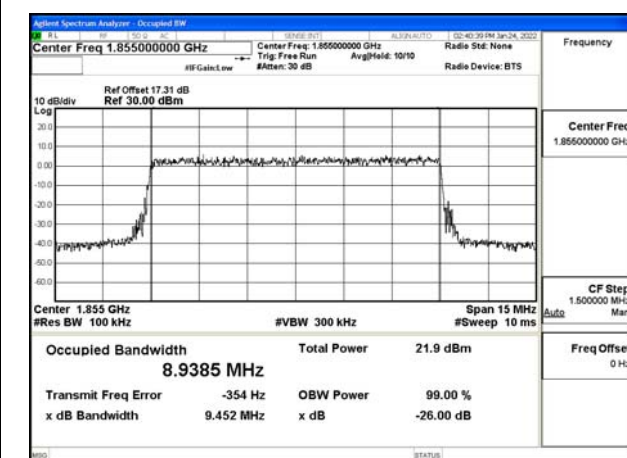


Fig.12

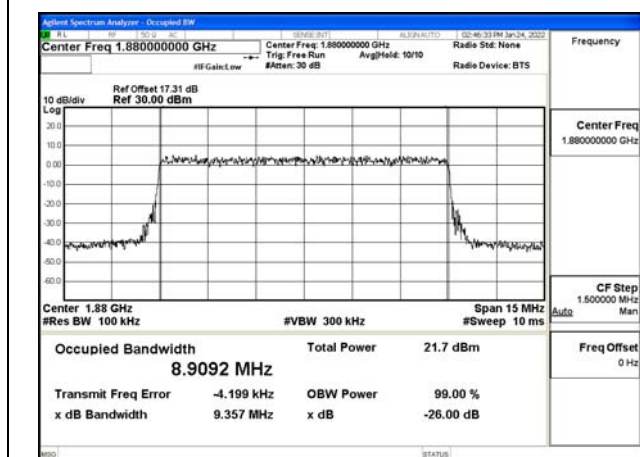


Fig.13

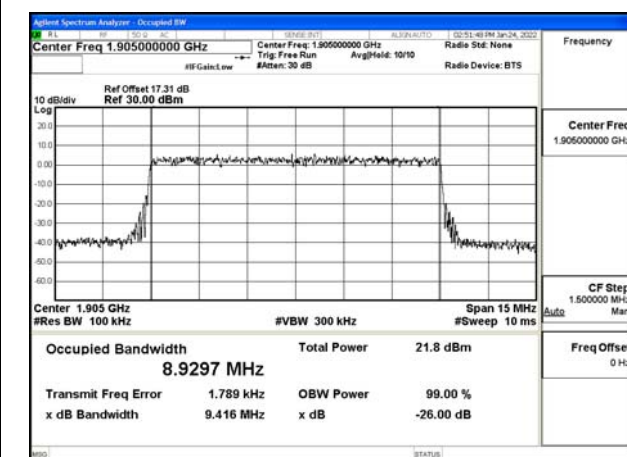


Fig.14

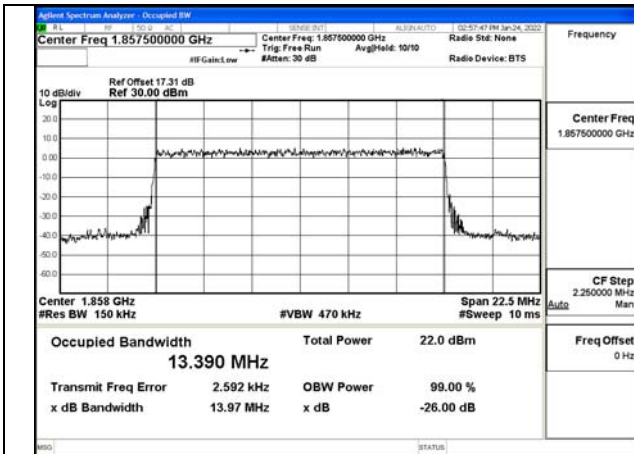


Fig.13

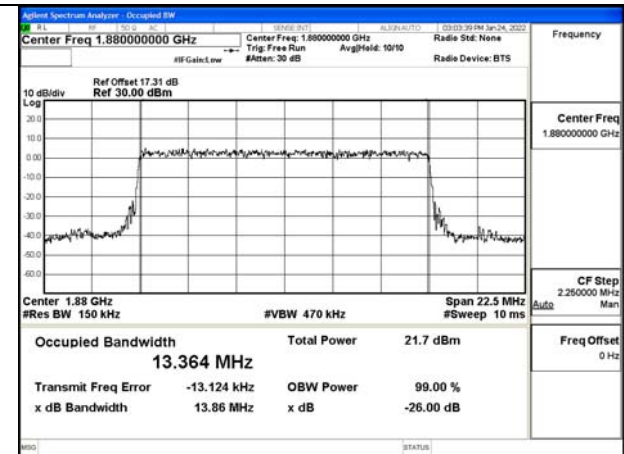


Fig.14

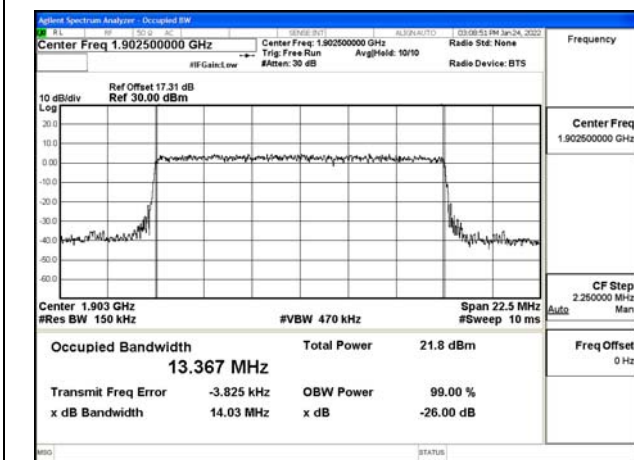


Fig.15

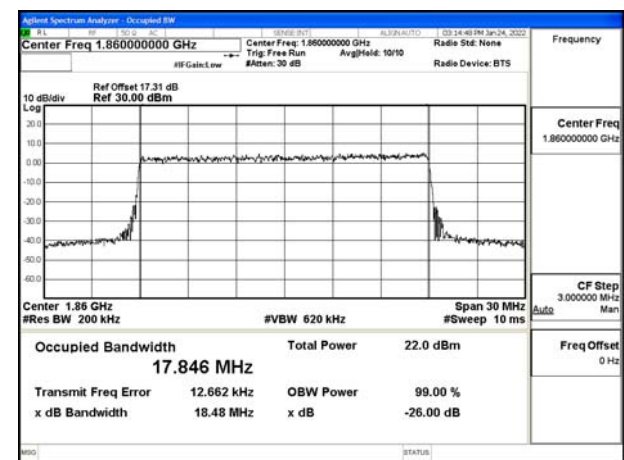


Fig.16

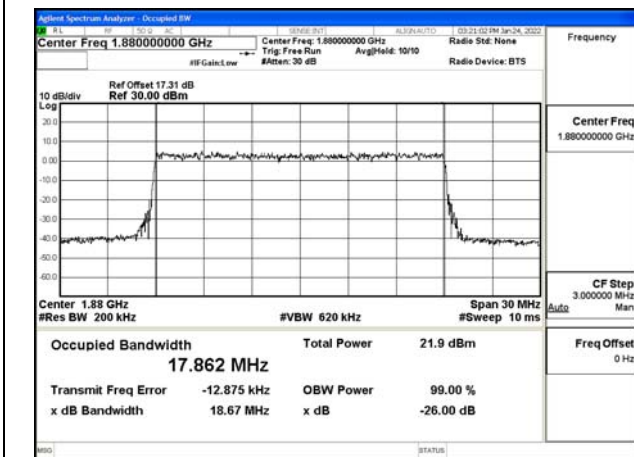


Fig.17

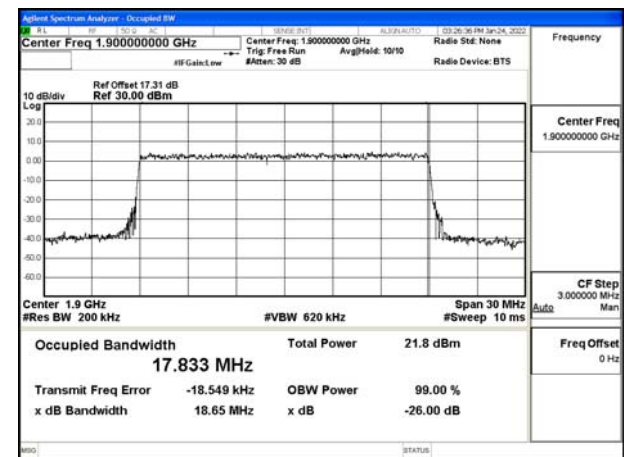


Fig.18

Test Mode: 16QAM

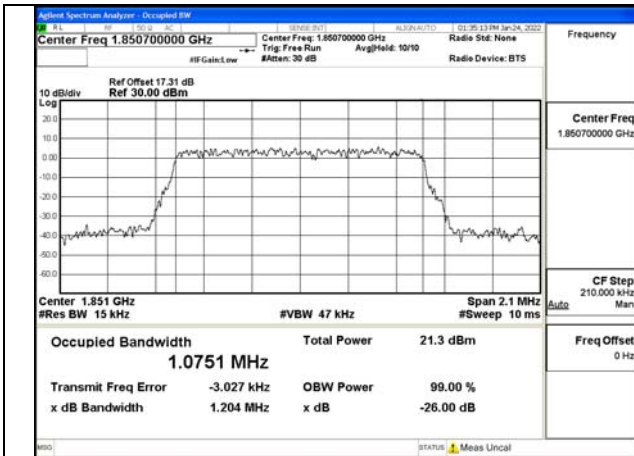


Fig.19

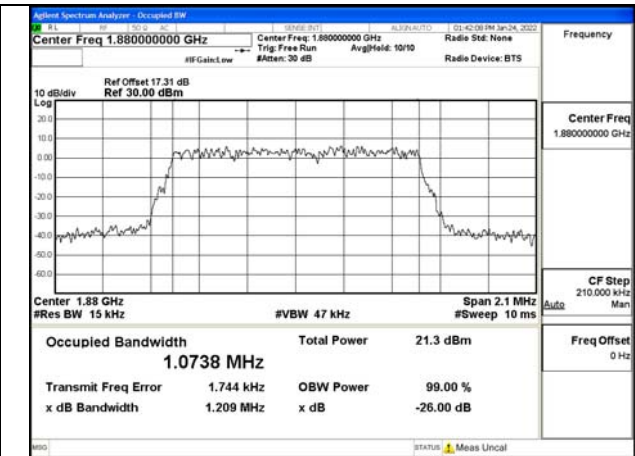


Fig.20

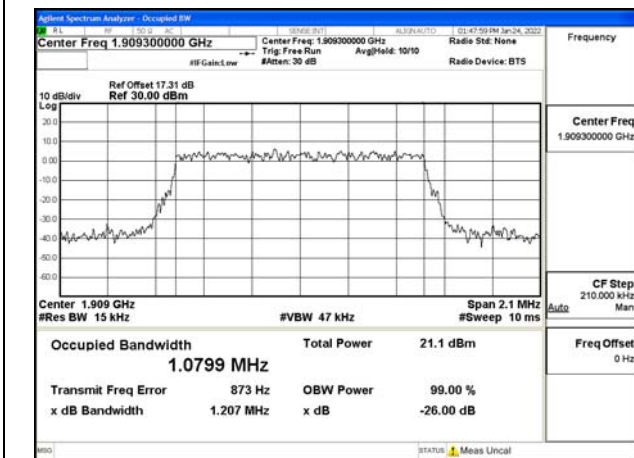


Fig.21

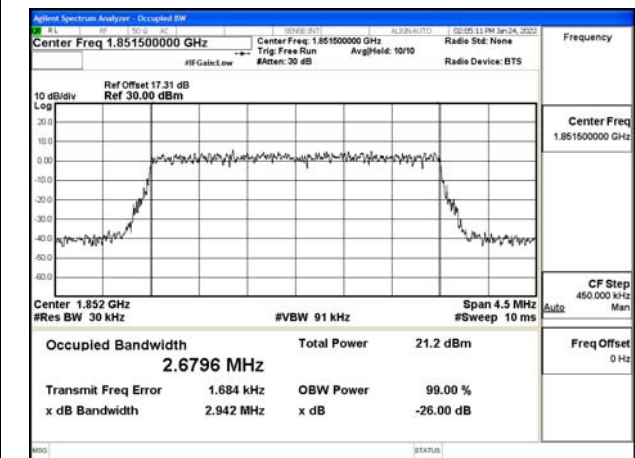


Fig.22

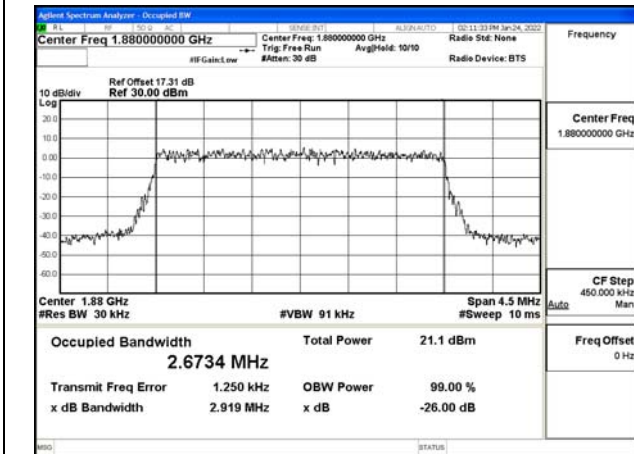


Fig.23

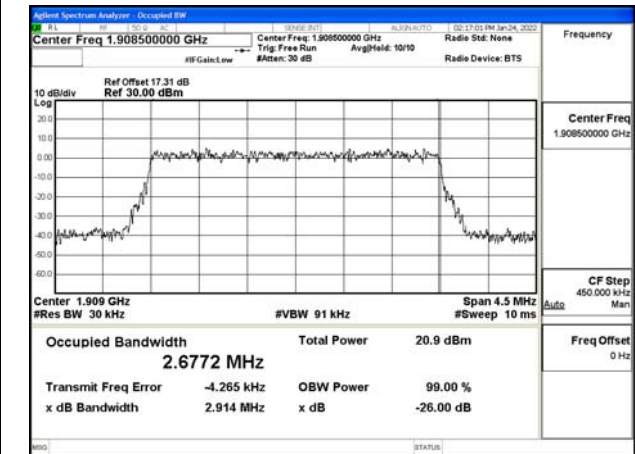


Fig.24

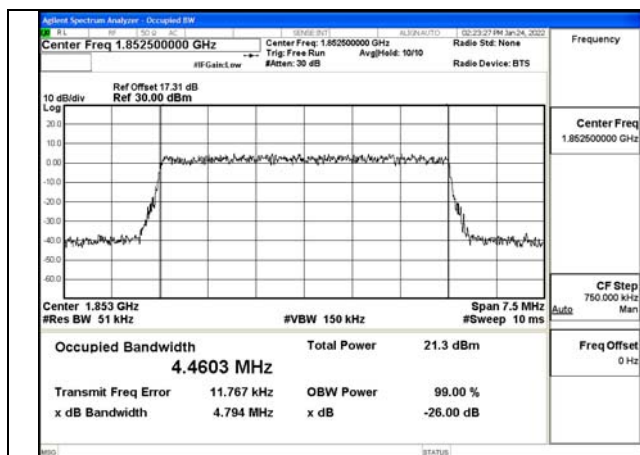


Fig.25

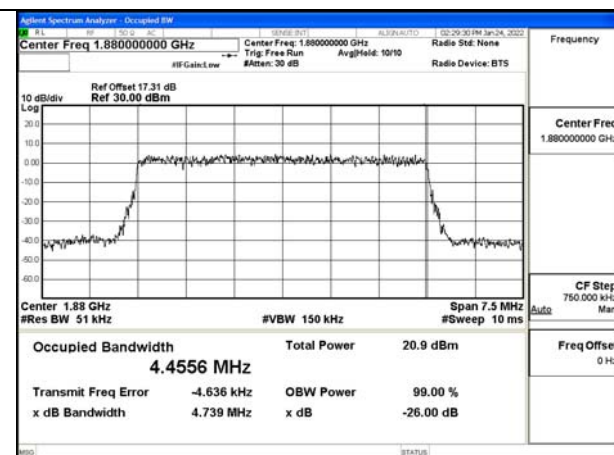


Fig.26

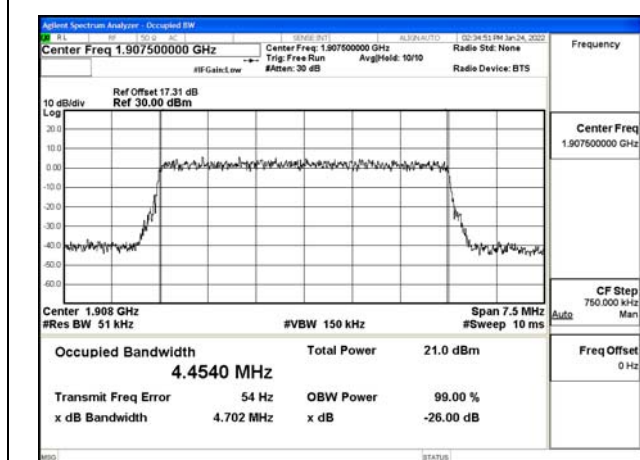


Fig.27

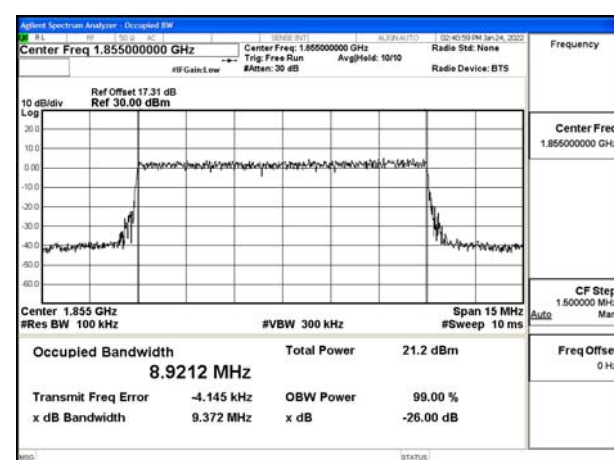


Fig.28

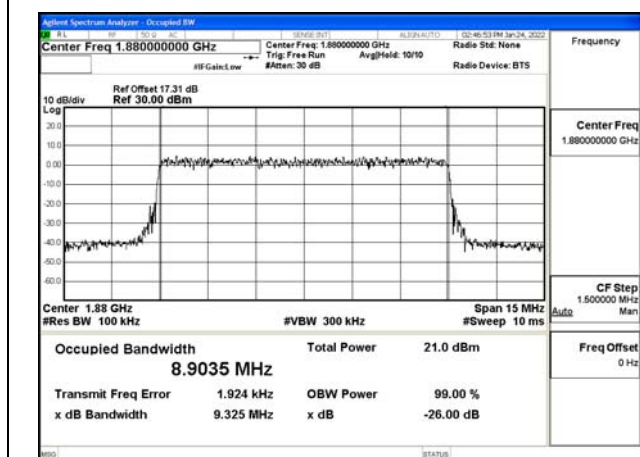


Fig.29

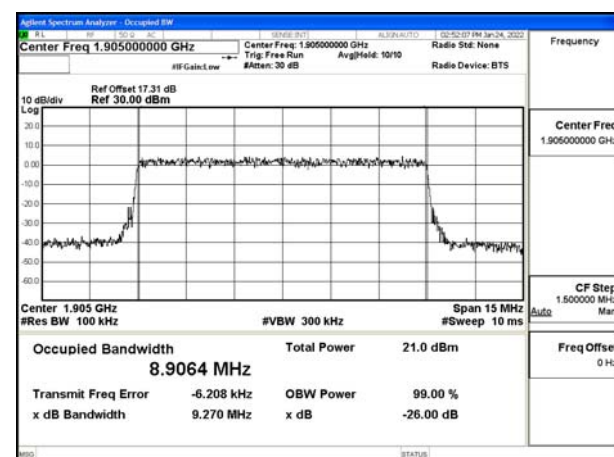


Fig.30

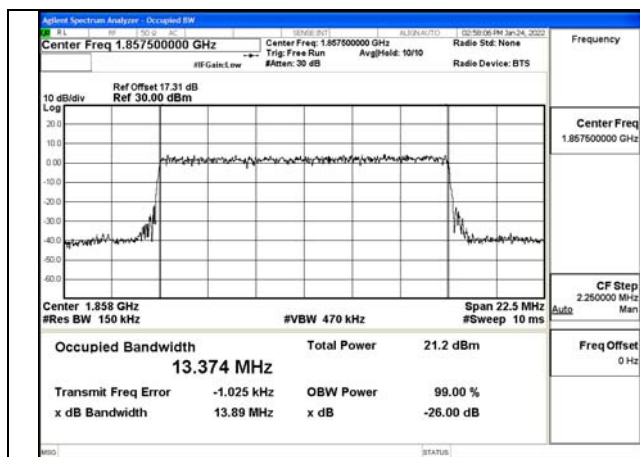


Fig.31

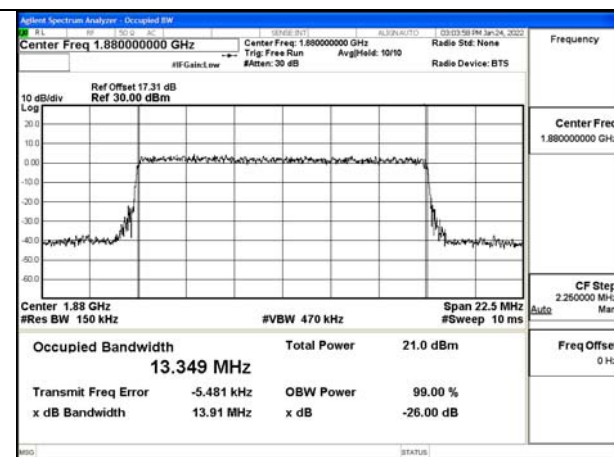


Fig.32

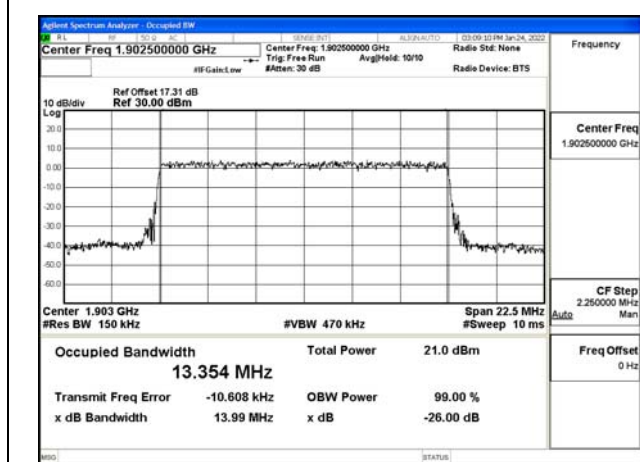


Fig.33

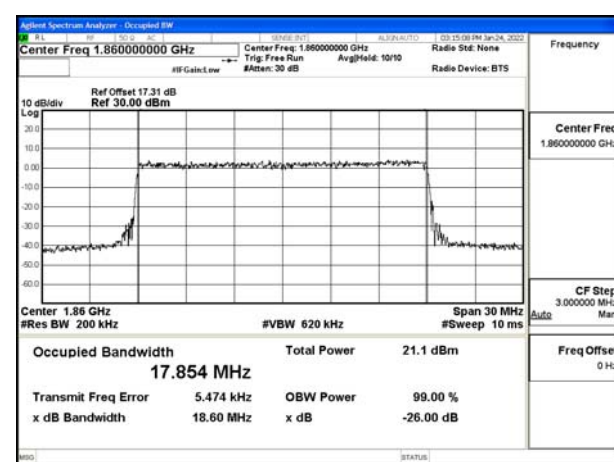


Fig.34

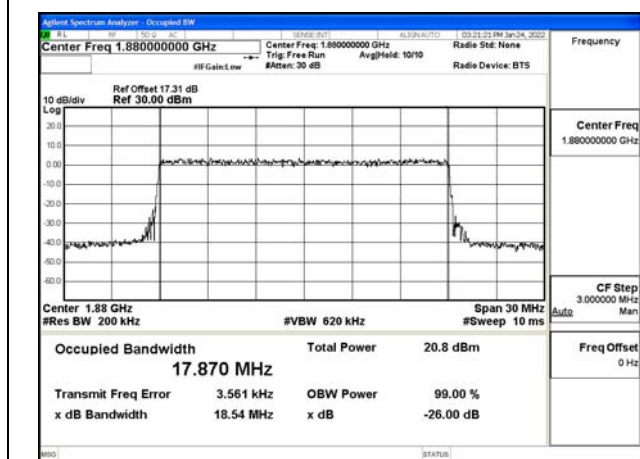


Fig.35

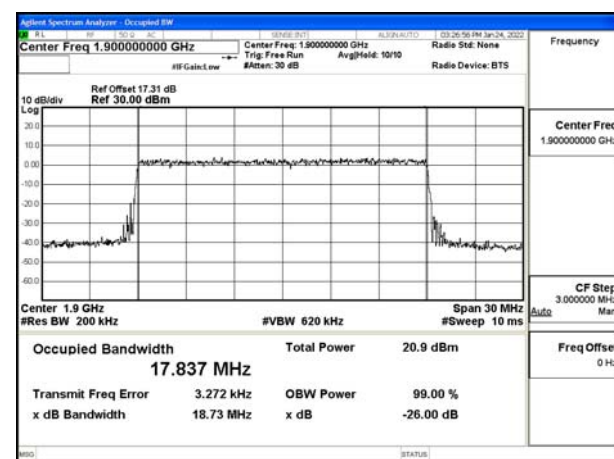


Fig.36

Test Mode: 64QAM

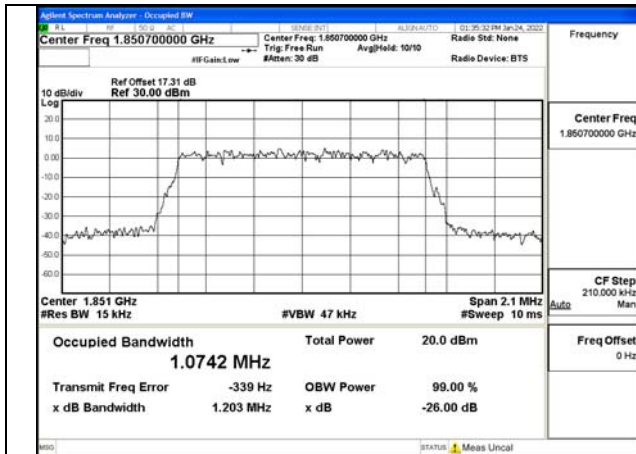


Fig.37

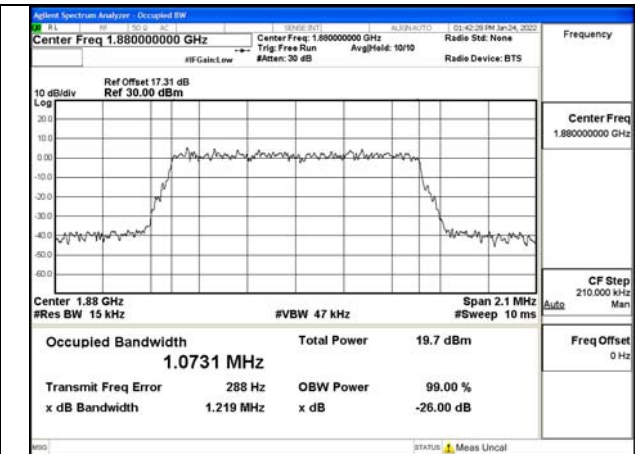


Fig.38

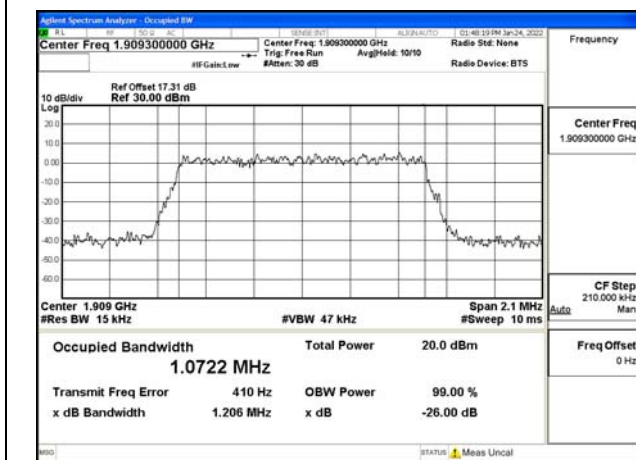


Fig.39

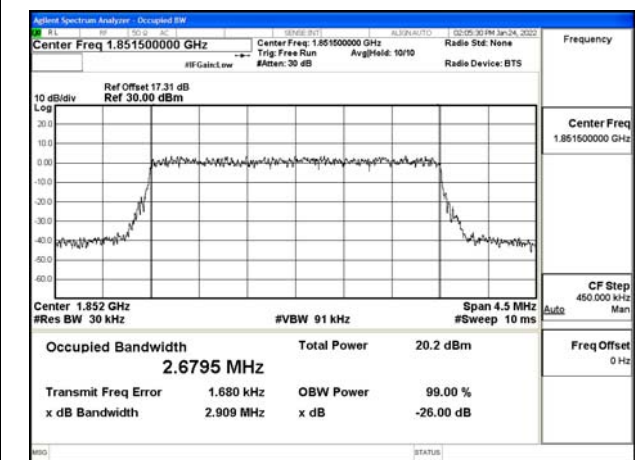


Fig.40

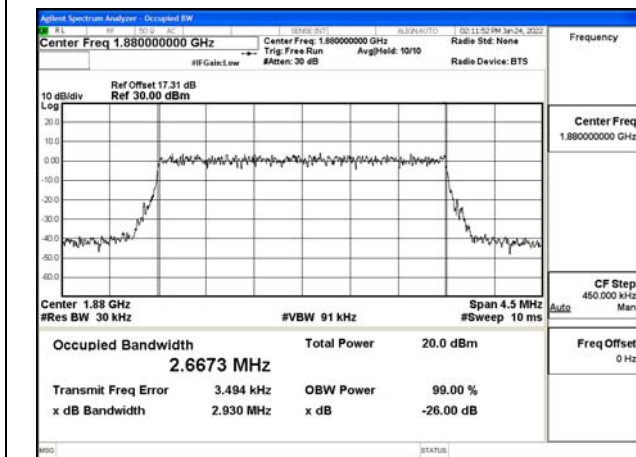


Fig.41

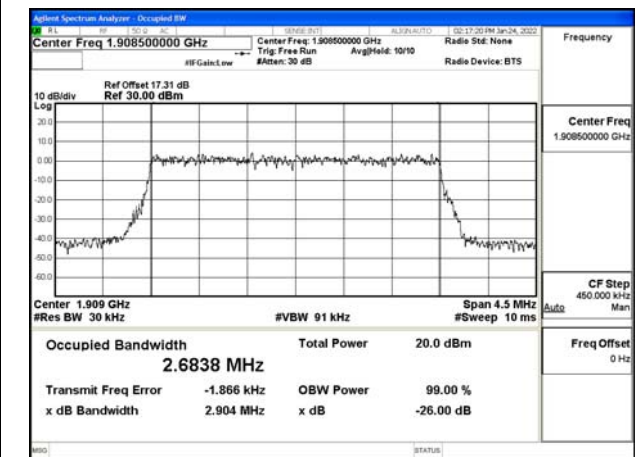


Fig.42

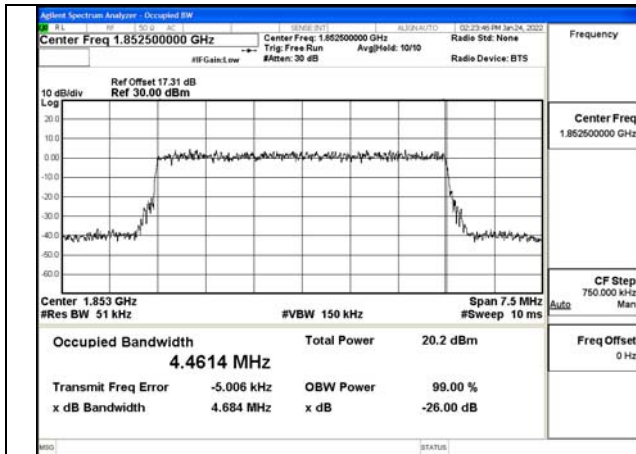


Fig.43

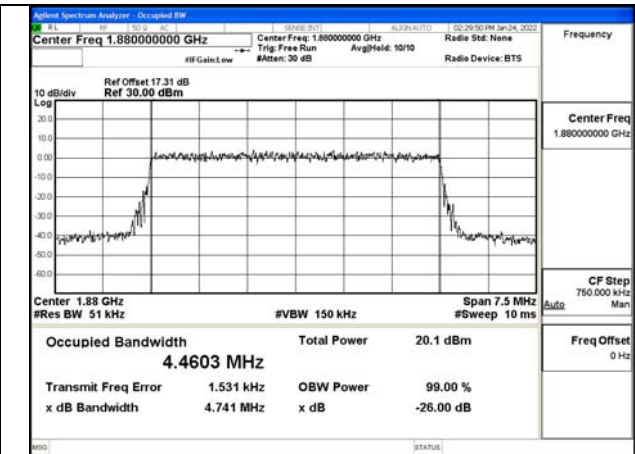


Fig.44

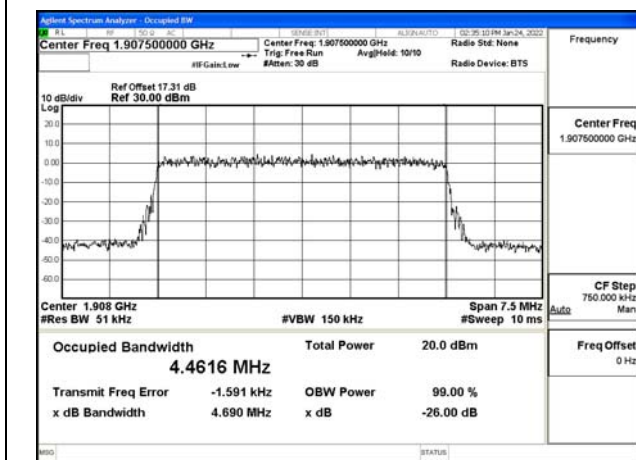


Fig.45

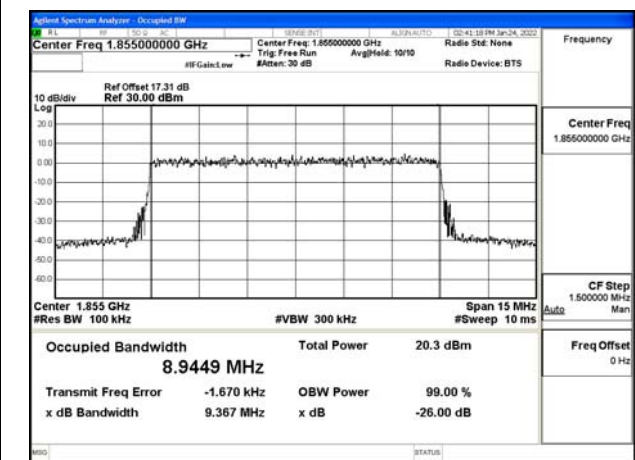


Fig.46

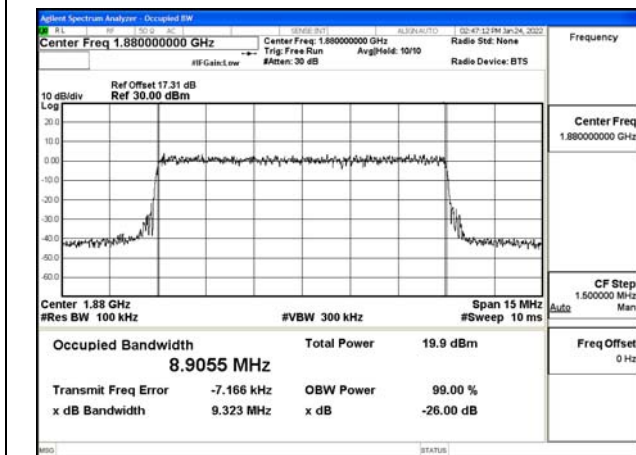


Fig.47

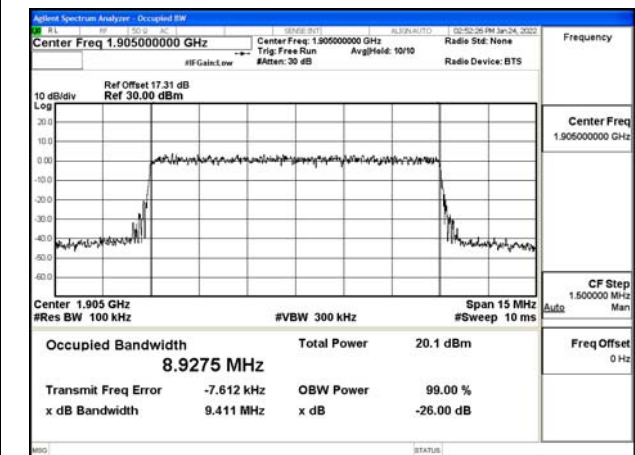


Fig.48

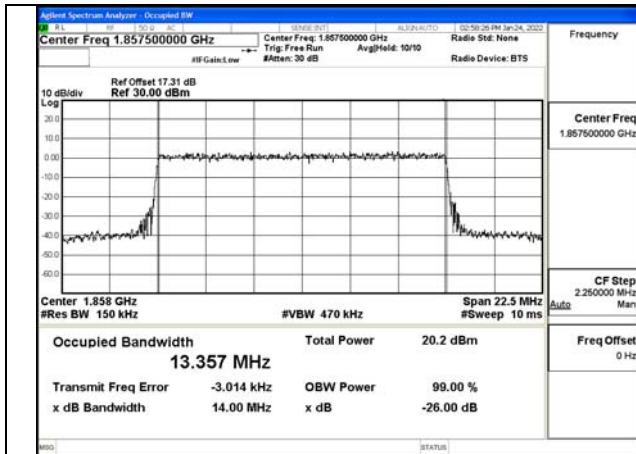


Fig.49

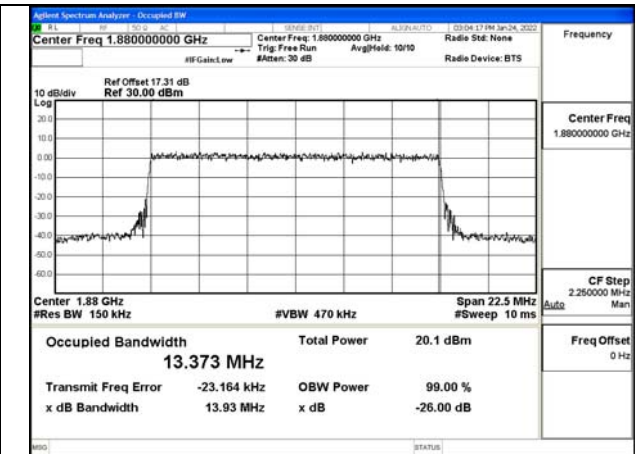


Fig.50

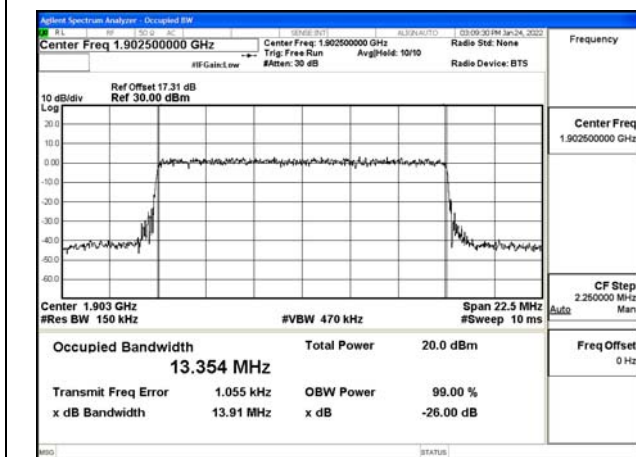


Fig.51

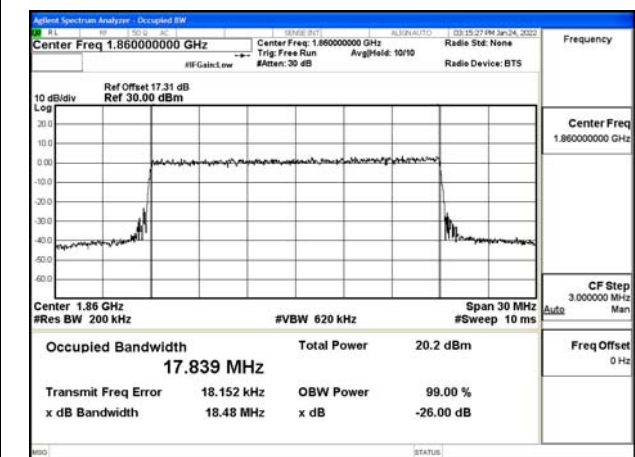


Fig.52

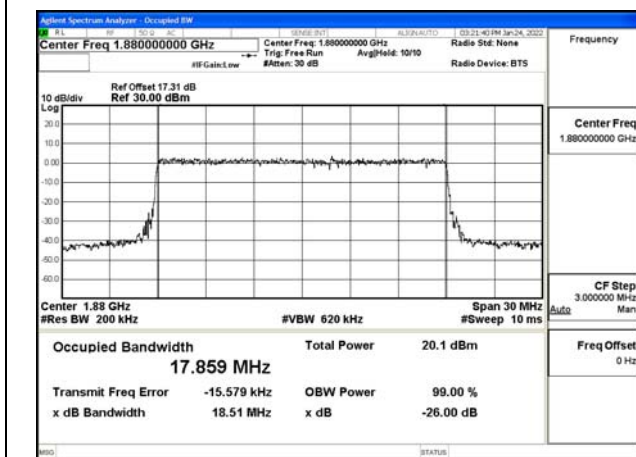


Fig.53

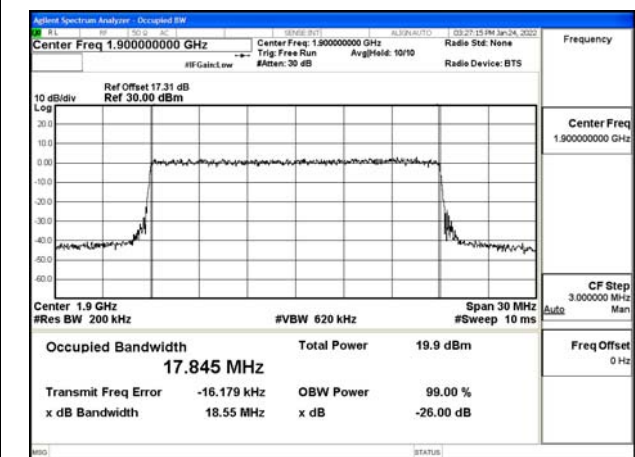


Fig.54

### 3 Emission Bandwidth

| Band | Mode | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of -26dB transmitter power (MHz) |        |
|------|------|-------------------------|---------|----------|---------|-----------|--------------------------------------------|--------|
| 2    | QPSK | 1850.7                  | 18607   | 1.4      | 6       | 0         | 1.220                                      | Fig.1  |
| 2    | QPSK | 1880                    | 18900   | 1.4      | 6       | 0         | 1.210                                      | Fig.2  |
| 2    | QPSK | 1909.3                  | 19193   | 1.4      | 6       | 0         | 1.200                                      | Fig.3  |
| 2    | QPSK | 1851.5                  | 18615   | 3        | 15      | 0         | 2.940                                      | Fig.4  |
| 2    | QPSK | 1880                    | 18900   | 3        | 15      | 0         | 2.910                                      | Fig.5  |
| 2    | QPSK | 1908.5                  | 19185   | 3        | 15      | 0         | 2.920                                      | Fig.6  |
| 2    | QPSK | 1852.5                  | 18625   | 5        | 25      | 0         | 4.730                                      | Fig.7  |
| 2    | QPSK | 1880                    | 18900   | 5        | 25      | 0         | 4.770                                      | Fig.8  |
| 2    | QPSK | 1907.5                  | 19175   | 5        | 25      | 0         | 4.720                                      | Fig.9  |
| 2    | QPSK | 1855                    | 18650   | 10       | 50      | 0         | 9.450                                      | Fig.10 |
| 2    | QPSK | 1880                    | 18900   | 10       | 50      | 0         | 9.360                                      | Fig.11 |
| 2    | QPSK | 1905                    | 19150   | 10       | 50      | 0         | 9.420                                      | Fig.12 |
| 2    | QPSK | 1857.5                  | 18675   | 15       | 75      | 0         | 13.970                                     | Fig.13 |
| 2    | QPSK | 1880                    | 18900   | 15       | 75      | 0         | 13.860                                     | Fig.14 |
| 2    | QPSK | 1902.5                  | 19125   | 15       | 75      | 0         | 14.030                                     | Fig.15 |
| 2    | QPSK | 1860                    | 18700   | 20       | 100     | 0         | 18.480                                     | Fig.16 |
| 2    | QPSK | 1880                    | 18900   | 20       | 100     | 0         | 18.670                                     | Fig.17 |
| 2    | QPSK | 1900                    | 19100   | 20       | 100     | 0         | 18.650                                     | Fig.18 |

| Band | Mode  | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of -26dB transmitter power (MHz) |        |
|------|-------|-------------------------|---------|----------|---------|-----------|--------------------------------------------|--------|
| 2    | 16QAM | 1850.7                  | 18607   | 1.4      | 6       | 0         | 1.200                                      | Fig.19 |
| 2    | 16QAM | 1880                    | 18900   | 1.4      | 6       | 0         | 1.210                                      | Fig.20 |
| 2    | 16QAM | 1909.3                  | 19193   | 1.4      | 6       | 0         | 1.210                                      | Fig.21 |
| 2    | 16QAM | 1851.5                  | 18615   | 3        | 15      | 0         | 2.940                                      | Fig.22 |
| 2    | 16QAM | 1880                    | 18900   | 3        | 15      | 0         | 2.920                                      | Fig.23 |
| 2    | 16QAM | 1908.5                  | 19185   | 3        | 15      | 0         | 2.910                                      | Fig.24 |
| 2    | 16QAM | 1852.5                  | 18625   | 5        | 25      | 0         | 4.790                                      | Fig.25 |
| 2    | 16QAM | 1880                    | 18900   | 5        | 25      | 0         | 4.740                                      | Fig.26 |
| 2    | 16QAM | 1907.5                  | 19175   | 5        | 25      | 0         | 4.700                                      | Fig.27 |
| 2    | 16QAM | 1855                    | 18650   | 10       | 50      | 0         | 9.370                                      | Fig.28 |
| 2    | 16QAM | 1880                    | 18900   | 10       | 50      | 0         | 9.320                                      | Fig.29 |
| 2    | 16QAM | 1905                    | 19150   | 10       | 50      | 0         | 9.270                                      | Fig.30 |
| 2    | 16QAM | 1857.5                  | 18675   | 15       | 75      | 0         | 13.890                                     | Fig.31 |
| 2    | 16QAM | 1880                    | 18900   | 15       | 75      | 0         | 13.910                                     | Fig.32 |
| 2    | 16QAM | 1902.5                  | 19125   | 15       | 75      | 0         | 13.990                                     | Fig.33 |
| 2    | 16QAM | 1860                    | 18700   | 20       | 100     | 0         | 18.600                                     | Fig.34 |
| 2    | 16QAM | 1880                    | 18900   | 20       | 100     | 0         | 18.540                                     | Fig.35 |
| 2    | 16QAM | 1900                    | 19100   | 20       | 100     | 0         | 18.730                                     | Fig.36 |

| Band | Mode  | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of -26dB transmitter power (MHz) |        |
|------|-------|-------------------------|---------|----------|---------|-----------|--------------------------------------------|--------|
| 2    | 64QAM | 1850.7                  | 18607   | 1.4      | 6       | 0         | 1.200                                      | Fig.37 |
| 2    | 64QAM | 1880                    | 18900   | 1.4      | 6       | 0         | 1.220                                      | Fig.38 |
| 2    | 64QAM | 1909.3                  | 19193   | 1.4      | 6       | 0         | 1.210                                      | Fig.39 |
| 2    | 64QAM | 1851.5                  | 18615   | 3        | 15      | 0         | 2.910                                      | Fig.40 |
| 2    | 64QAM | 1880                    | 18900   | 3        | 15      | 0         | 2.930                                      | Fig.41 |
| 2    | 64QAM | 1908.5                  | 19185   | 3        | 15      | 0         | 2.900                                      | Fig.42 |
| 2    | 64QAM | 1852.5                  | 18625   | 5        | 25      | 0         | 4.680                                      | Fig.43 |
| 2    | 64QAM | 1880                    | 18900   | 5        | 25      | 0         | 4.740                                      | Fig.44 |
| 2    | 64QAM | 1907.5                  | 19175   | 5        | 25      | 0         | 4.690                                      | Fig.45 |
| 2    | 64QAM | 1855                    | 18650   | 10       | 50      | 0         | 9.370                                      | Fig.46 |
| 2    | 64QAM | 1880                    | 18900   | 10       | 50      | 0         | 9.320                                      | Fig.47 |
| 2    | 64QAM | 1905                    | 19150   | 10       | 50      | 0         | 9.410                                      | Fig.48 |
| 2    | 64QAM | 1857.5                  | 18675   | 15       | 75      | 0         | 14.000                                     | Fig.49 |
| 2    | 64QAM | 1880                    | 18900   | 15       | 75      | 0         | 13.930                                     | Fig.50 |
| 2    | 64QAM | 1902.5                  | 19125   | 15       | 75      | 0         | 13.910                                     | Fig.51 |
| 2    | 64QAM | 1860                    | 18700   | 20       | 100     | 0         | 18.480                                     | Fig.52 |
| 2    | 64QAM | 1880                    | 18900   | 20       | 100     | 0         | 18.510                                     | Fig.53 |
| 2    | 64QAM | 1900                    | 19100   | 20       | 100     | 0         | 18.550                                     | Fig.54 |

Test Mode: QPSK

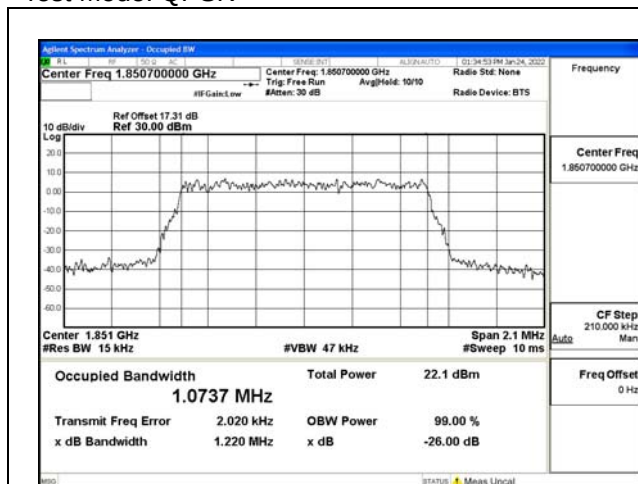


Fig.1

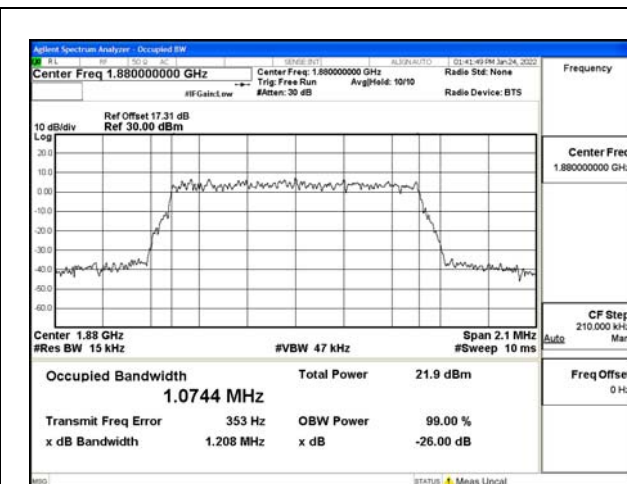


Fig.2

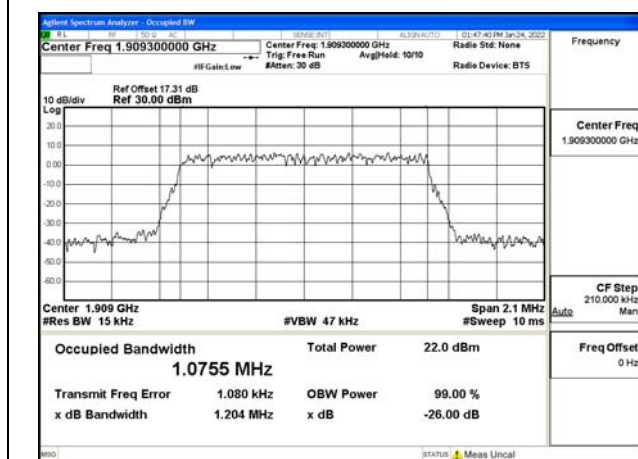


Fig.3

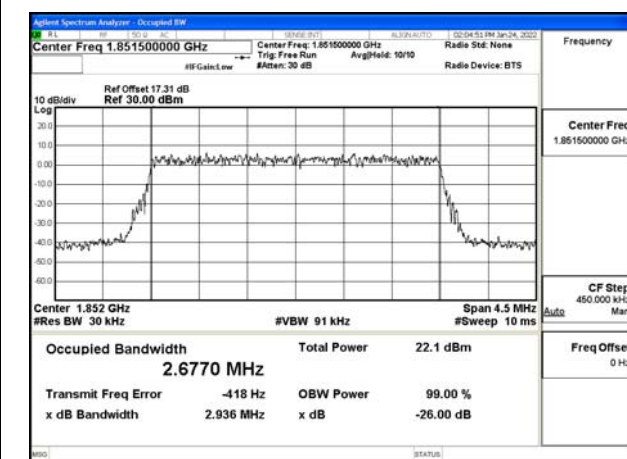


Fig.4

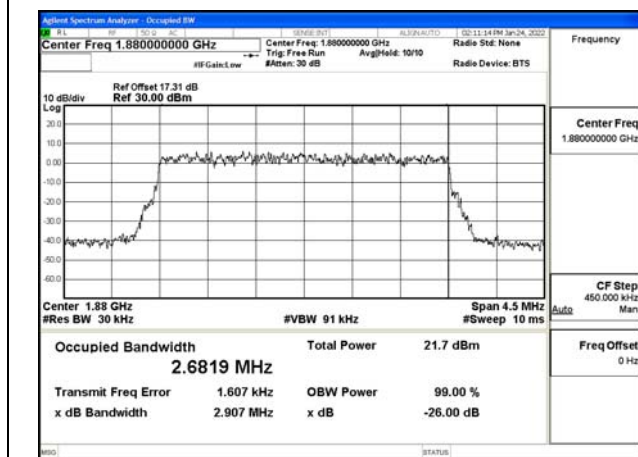


Fig.5

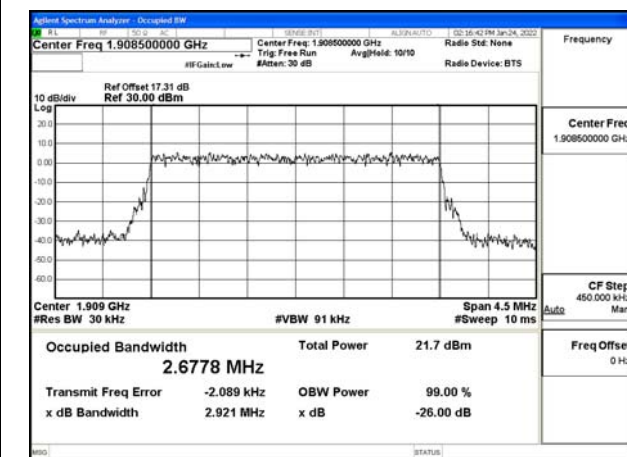


Fig.6

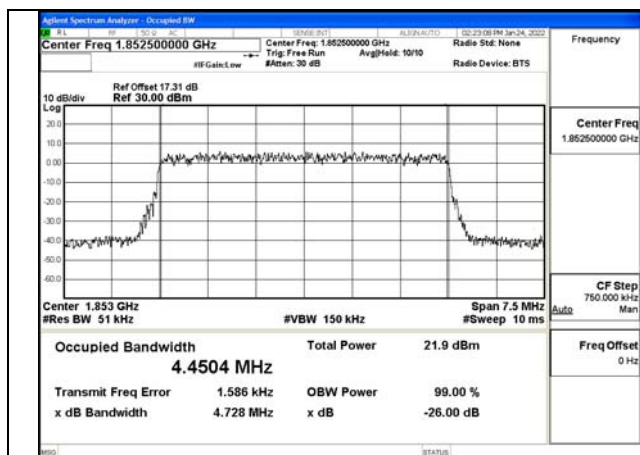


Fig.9

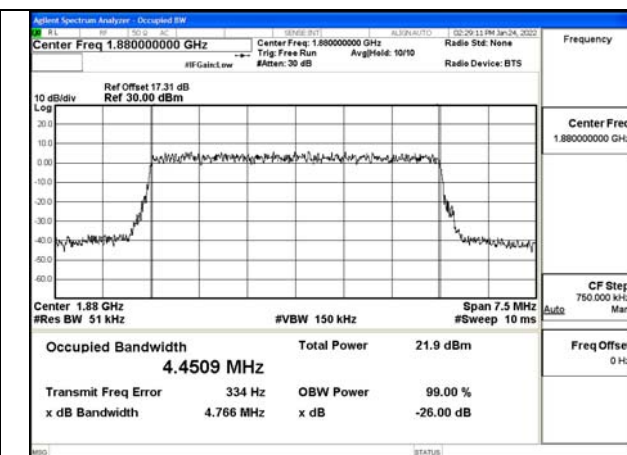


Fig.10

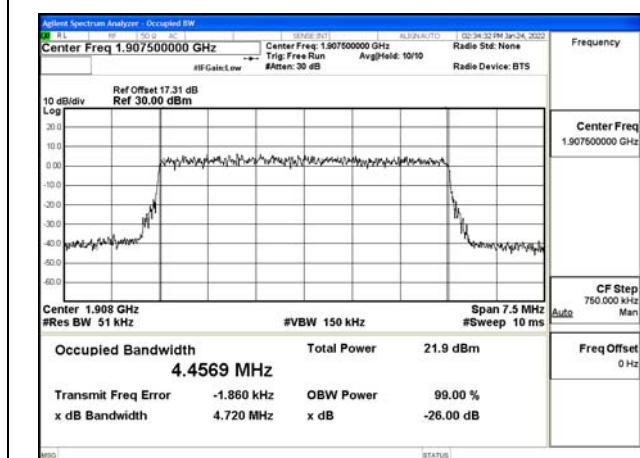


Fig.11

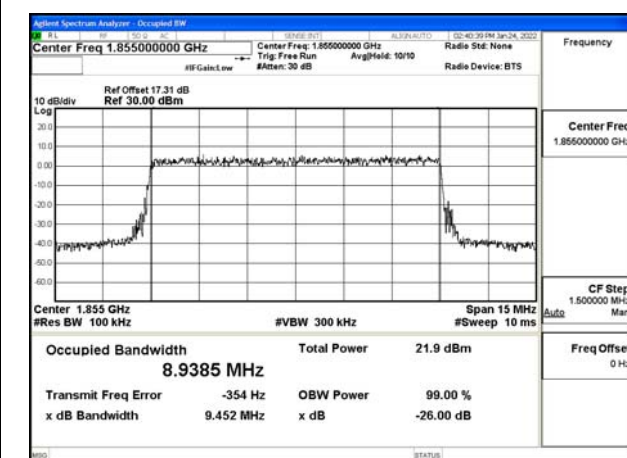


Fig.12

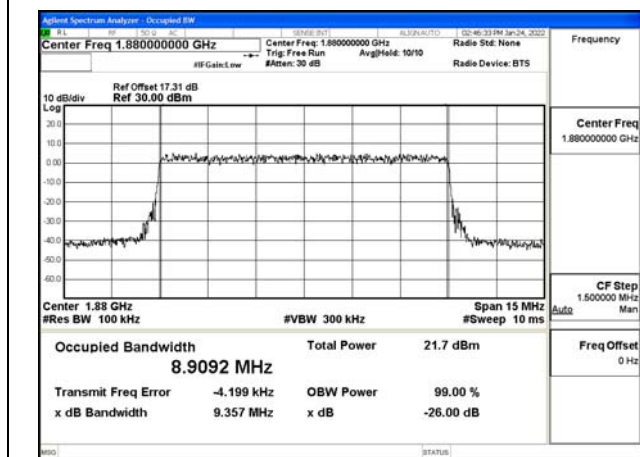


Fig.13

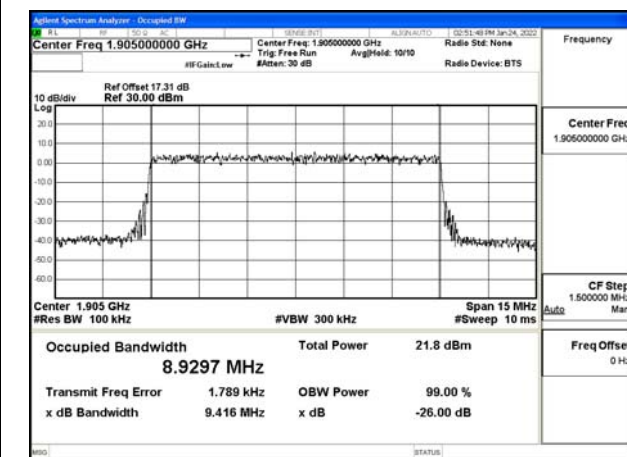


Fig.14

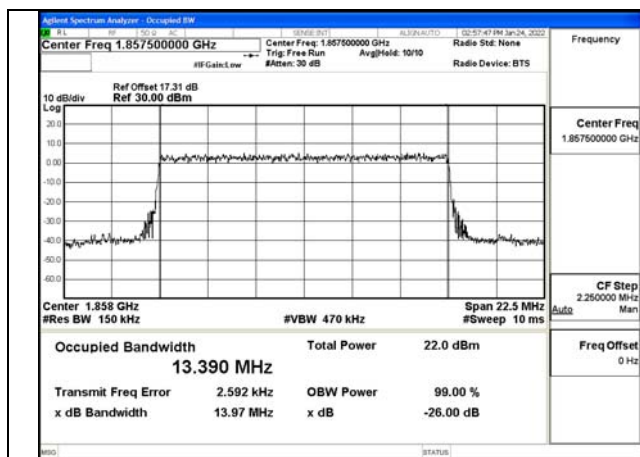


Fig.13

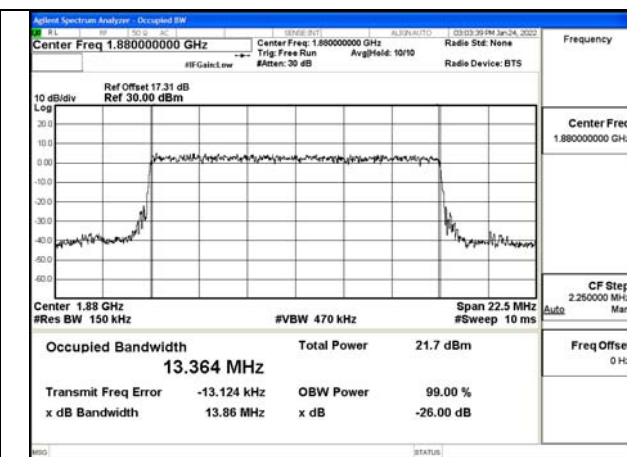


Fig.14

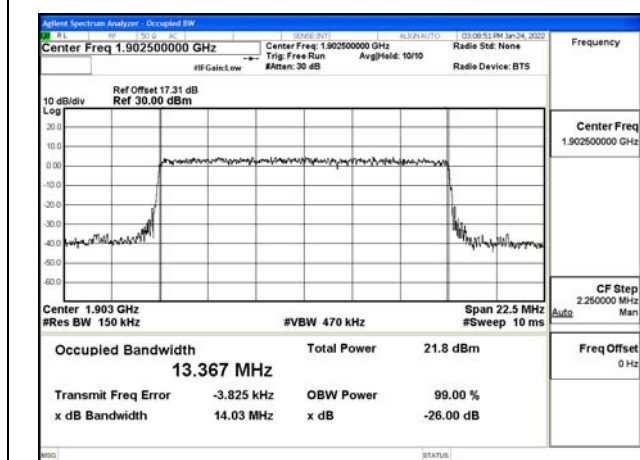


Fig.15

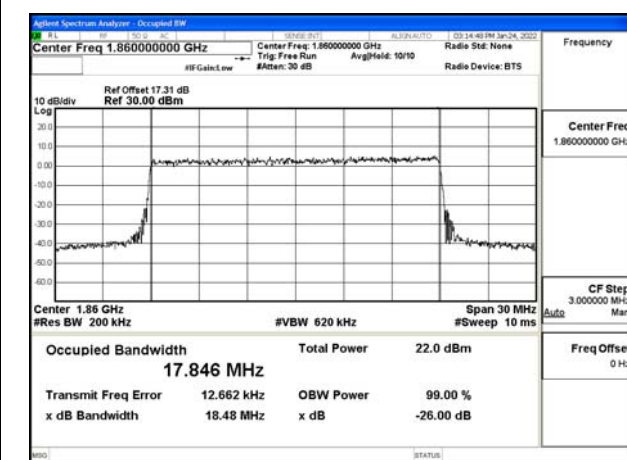


Fig.16

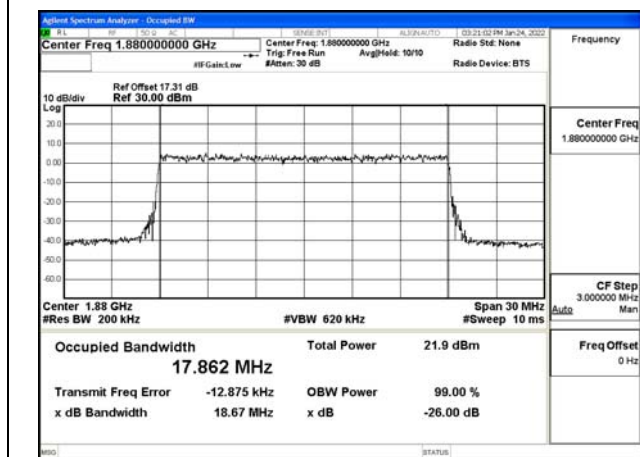


Fig.17

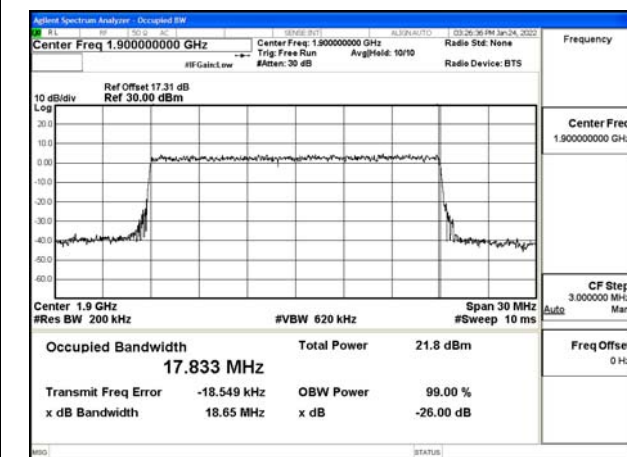


Fig.18

Test Mode: 16QAM

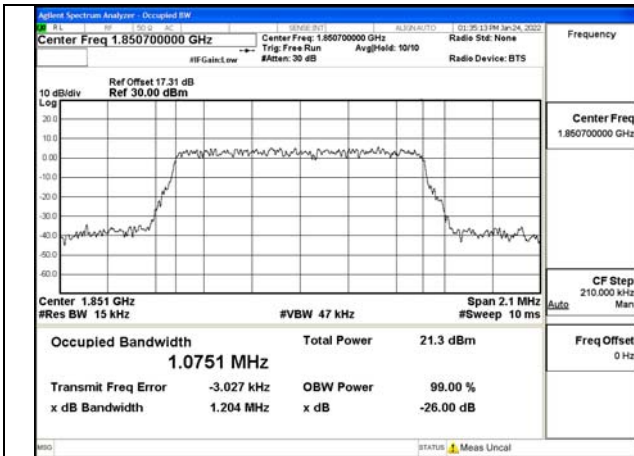


Fig.19

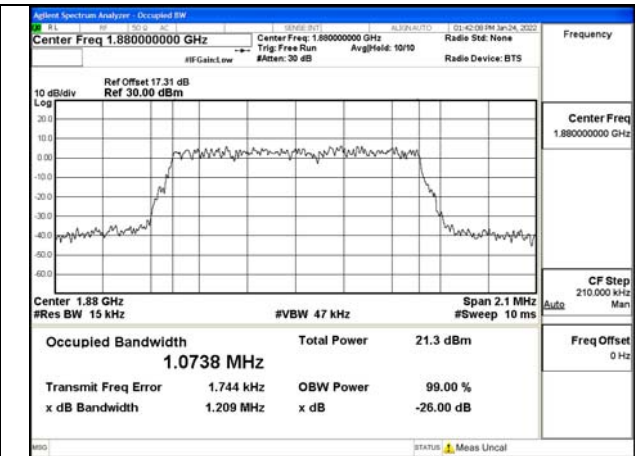


Fig.20

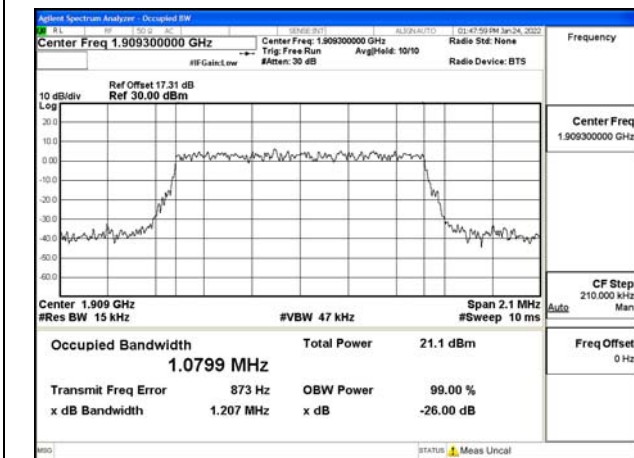


Fig.21

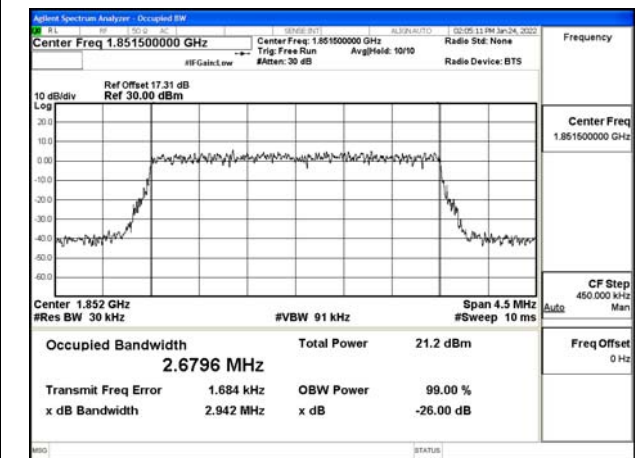


Fig.22

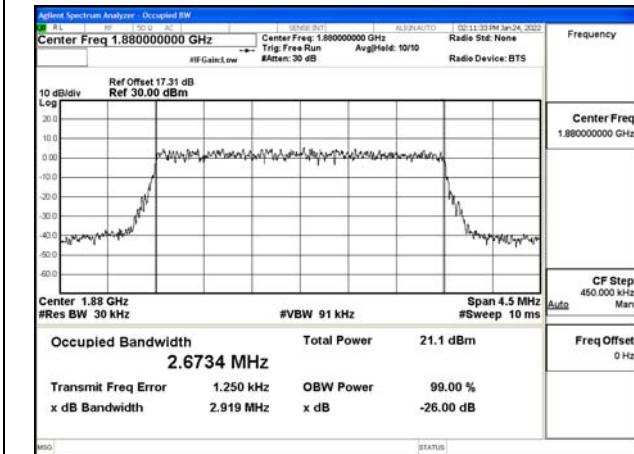


Fig.23

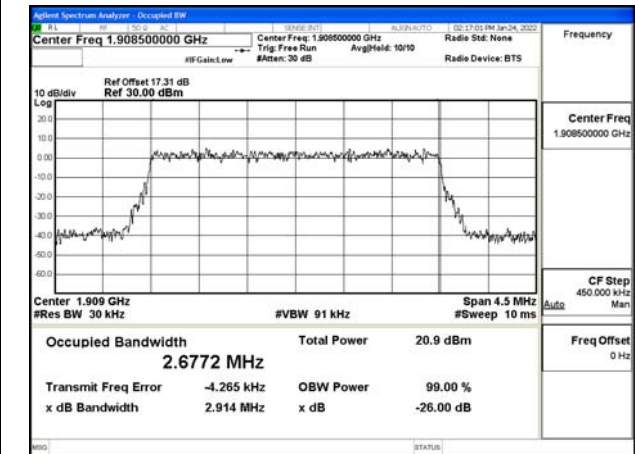


Fig.24

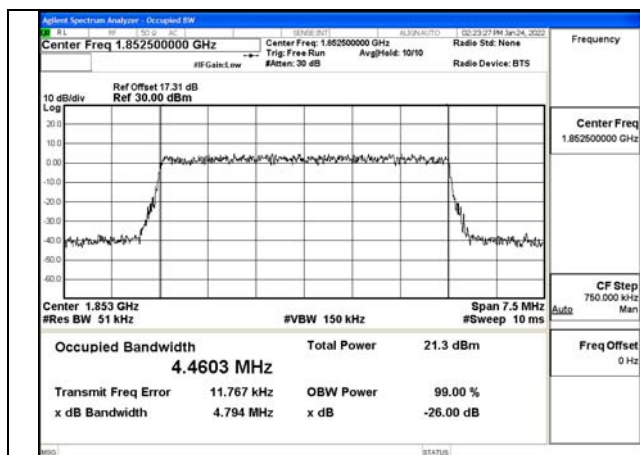


Fig.25

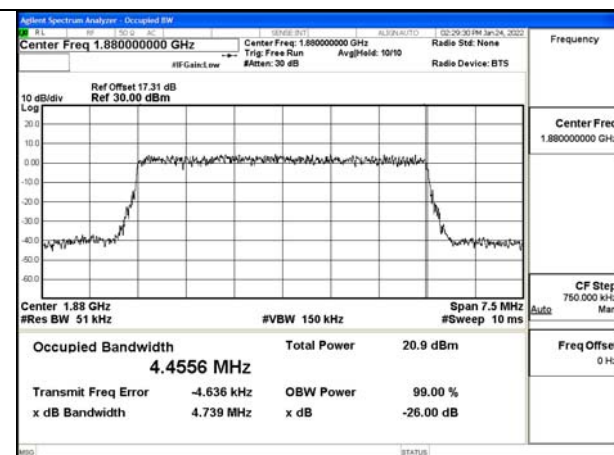


Fig.26

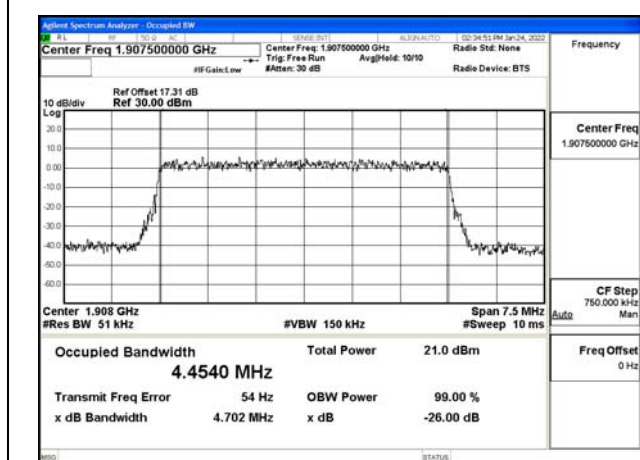


Fig.27

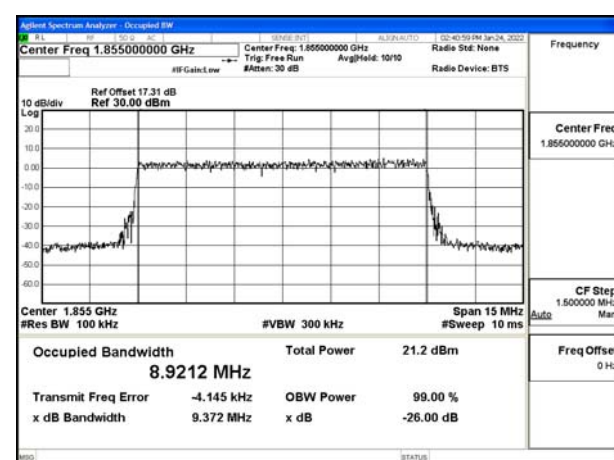


Fig.28

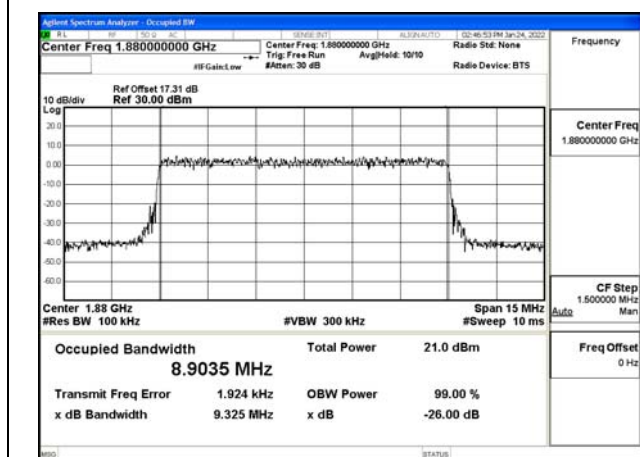


Fig.29

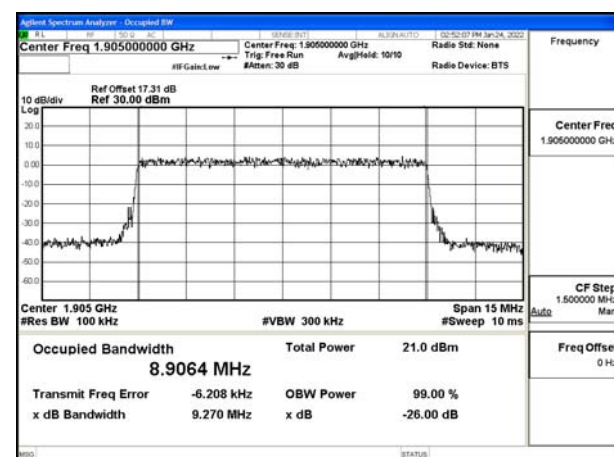


Fig.30

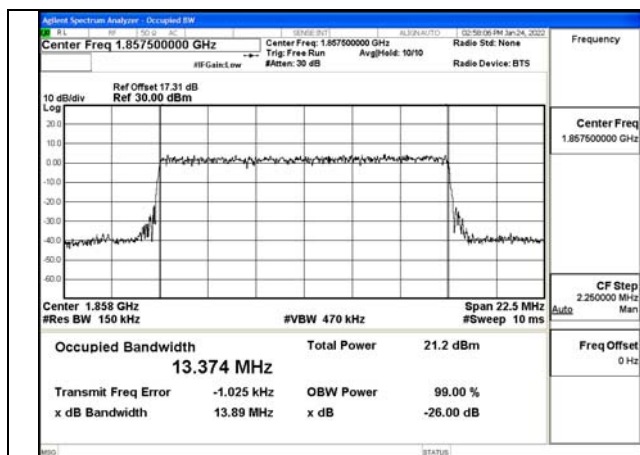


Fig.31

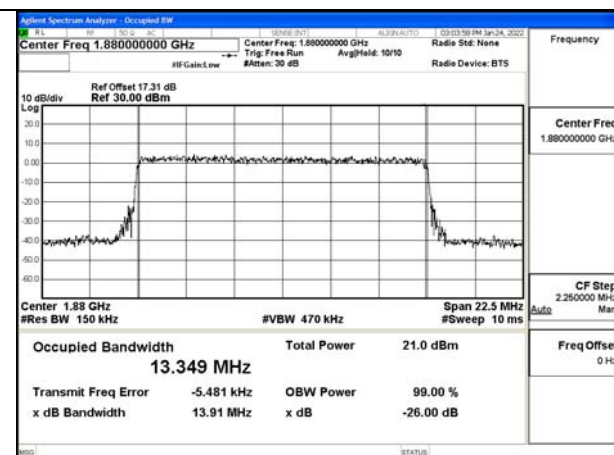


Fig.32

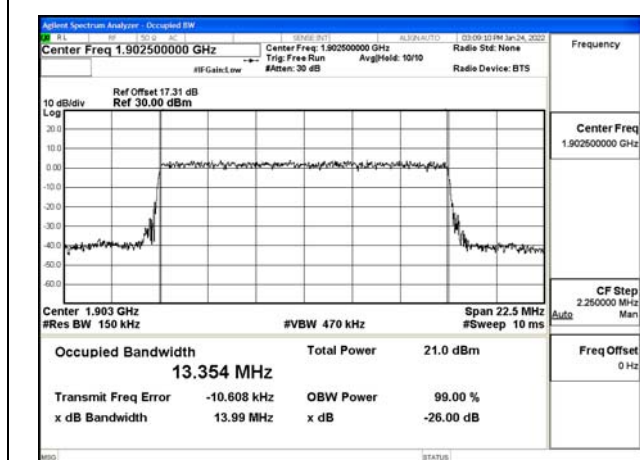


Fig.33

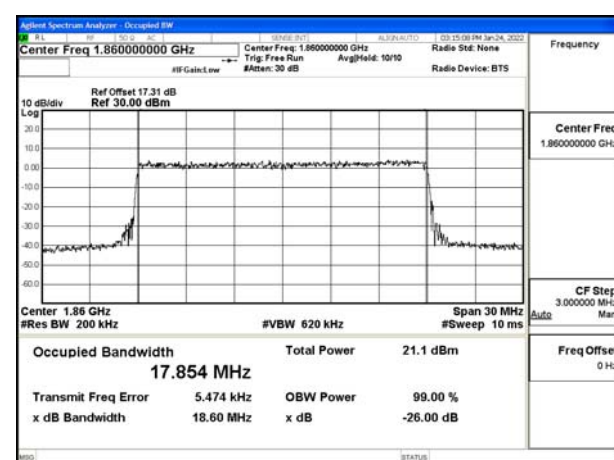


Fig.34

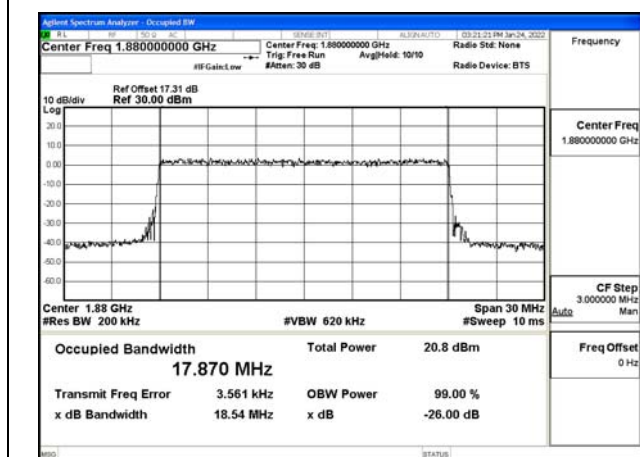


Fig.35

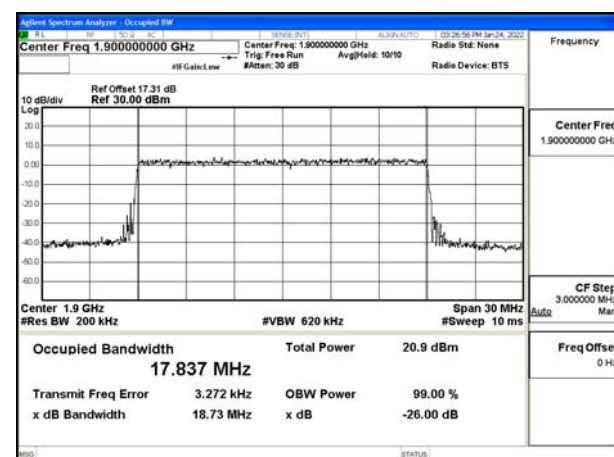


Fig.36

Test Mode: 64QAM

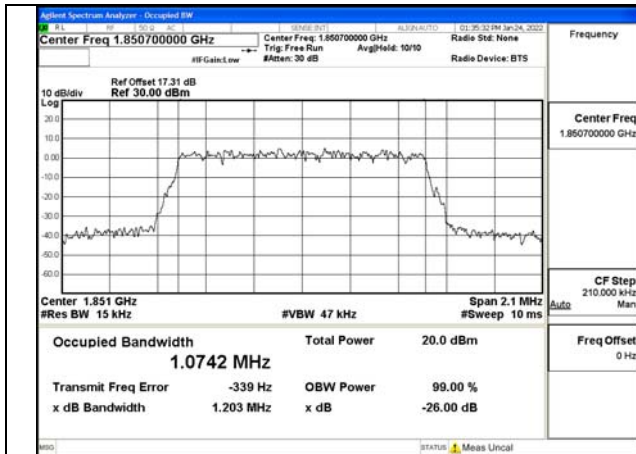


Fig.37

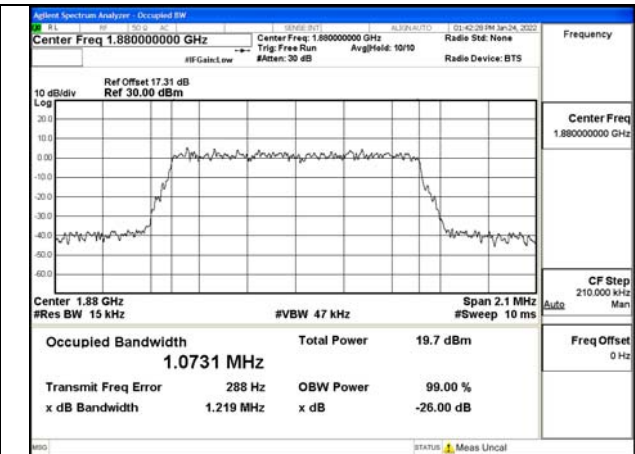


Fig.38

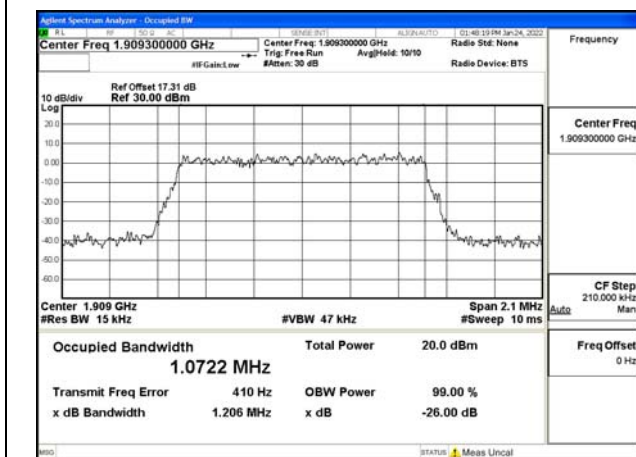


Fig.39

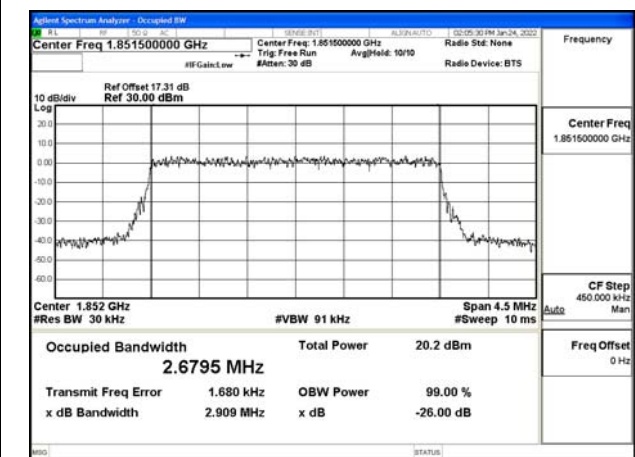


Fig.40

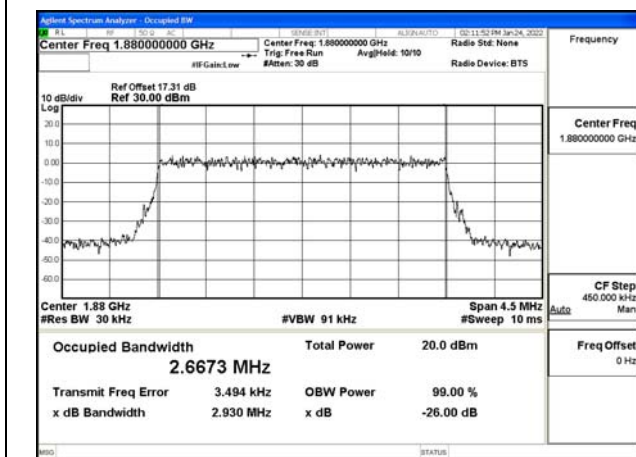


Fig.41

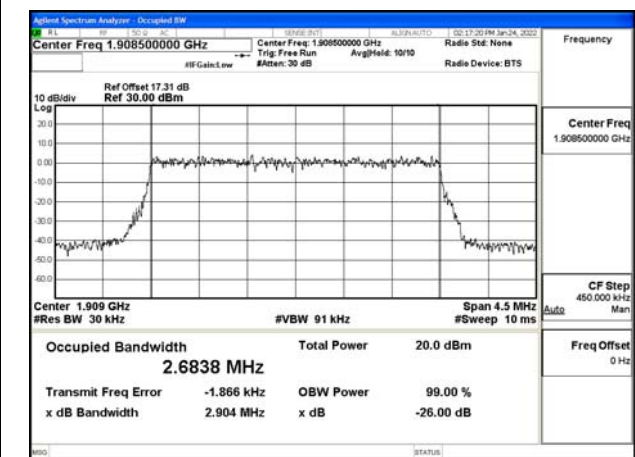


Fig.42

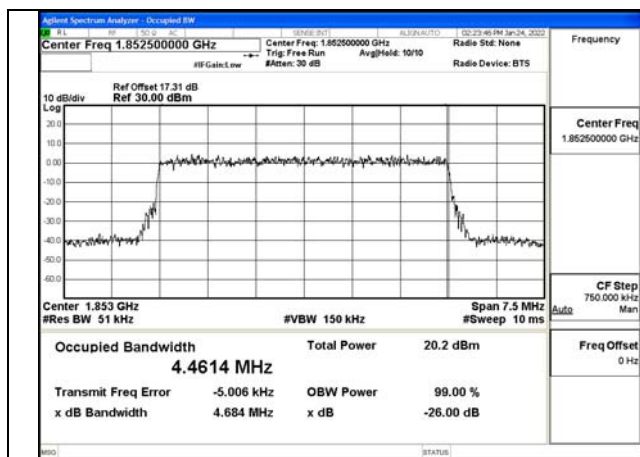


Fig.43

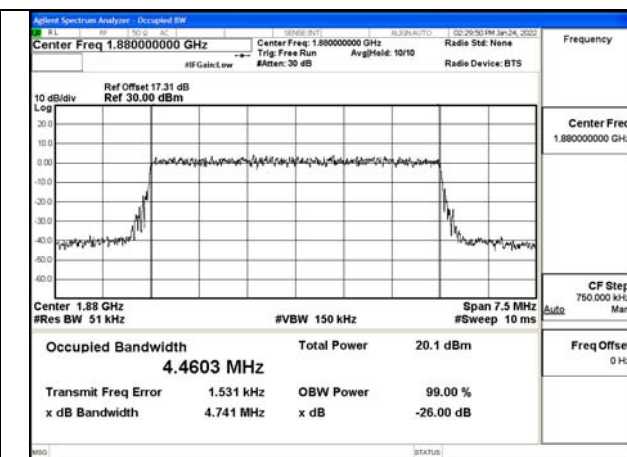


Fig.44

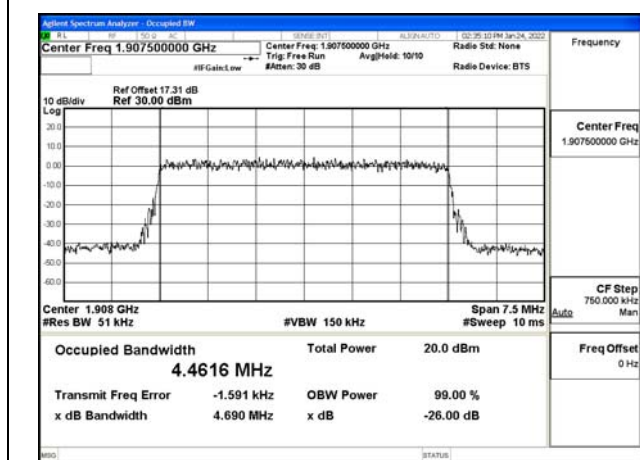


Fig.45

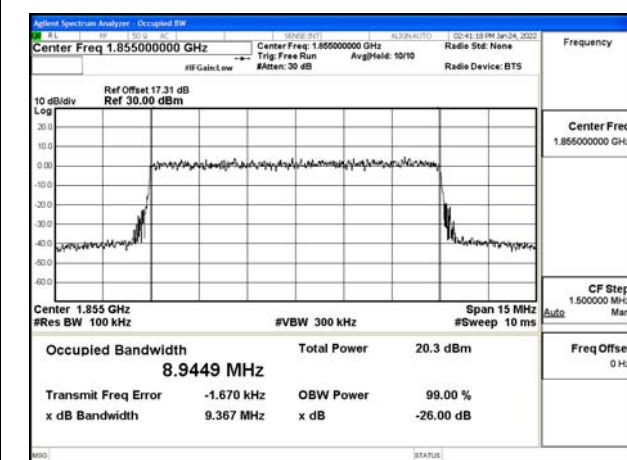


Fig.46

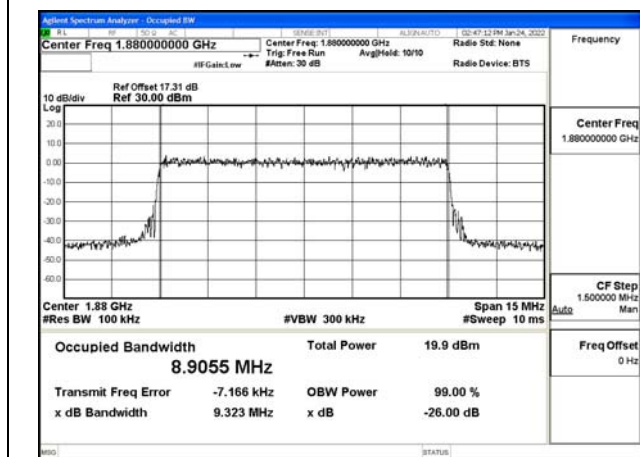


Fig.47

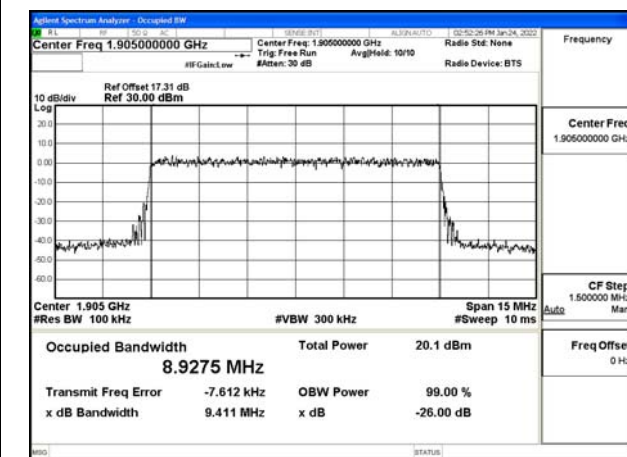


Fig.48

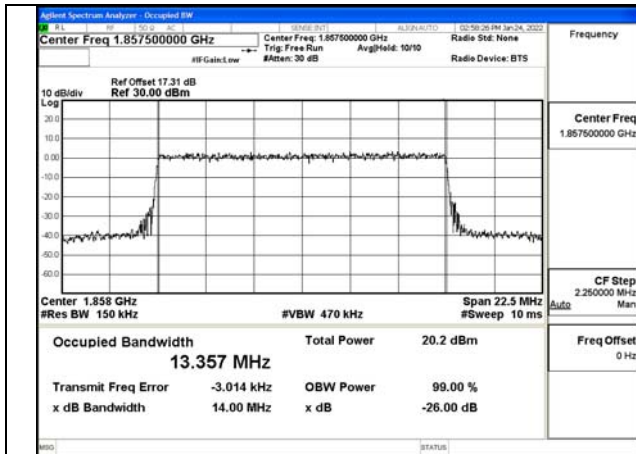


Fig.49

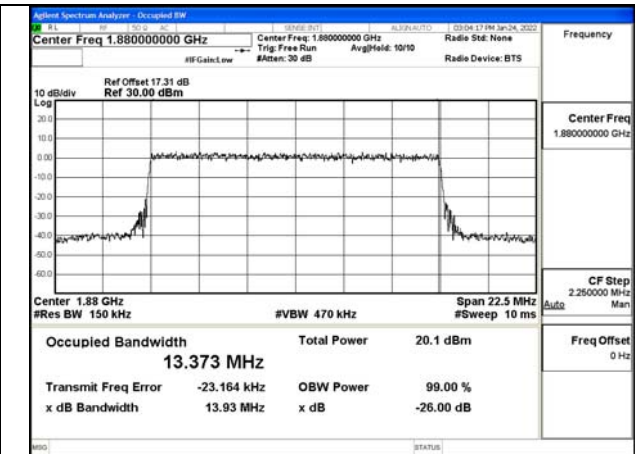


Fig.50

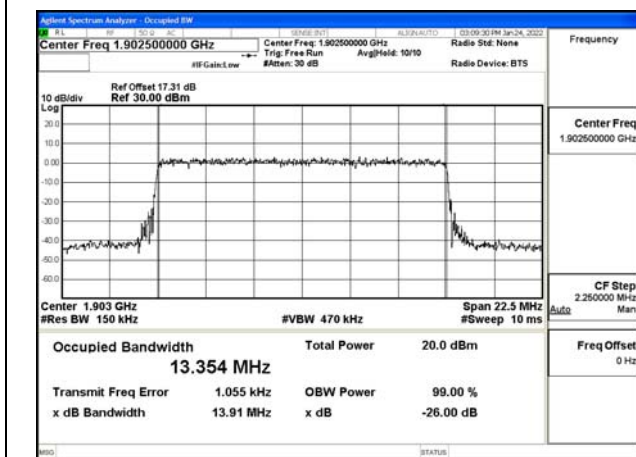


Fig.51

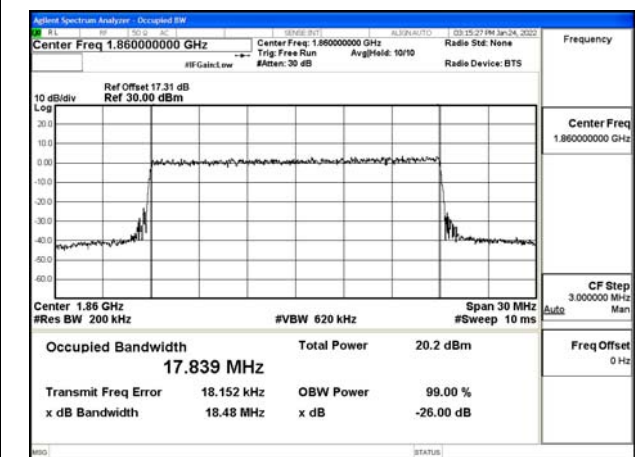


Fig.52

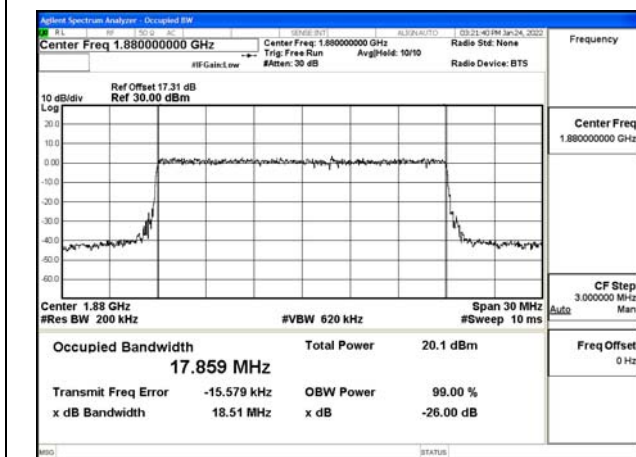


Fig.53

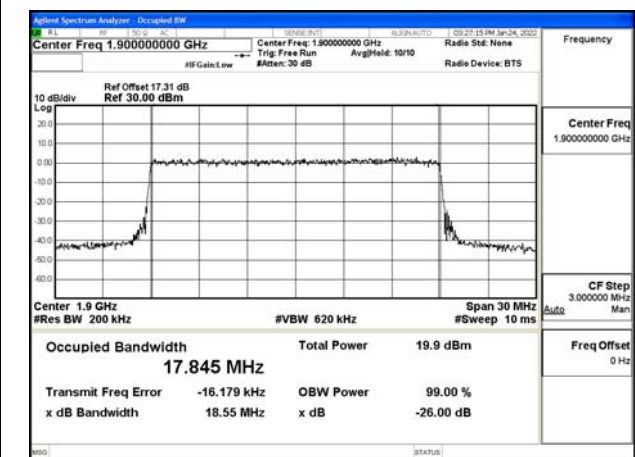


Fig.54

#### 4 Peak-Average Ratio

| Band | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | QPSK    | 16-QAM  | 64-QAM  |
|------|-------------------------|---------|----------|---------|-----------|---------|---------|---------|
| 2    | 1850.7                  | 18607   | 1.4      | 1       | 5         | Fig.1   | Fig.2   | Fig.3   |
| 2    | 1850.7                  | 18607   | 1.4      | 6       | 0         | Fig.4   | Fig.5   | Fig.6   |
| 2    | 1880                    | 18900   | 1.4      | 1       | 5         | Fig.7   | Fig.8   | Fig.9   |
| 2    | 1880                    | 18900   | 1.4      | 6       | 0         | Fig.10  | Fig.11  | Fig.12  |
| 2    | 1909.3                  | 19193   | 1.4      | 1       | 5         | Fig.13  | Fig.14  | Fig.15  |
| 2    | 1909.3                  | 19193   | 1.4      | 6       | 0         | Fig.16  | Fig.17  | Fig.18  |
| 2    | 1851.5                  | 18615   | 3        | 1       | 14        | Fig.19  | Fig.20  | Fig.21  |
| 2    | 1851.5                  | 18615   | 3        | 15      | 0         | Fig.22  | Fig.23  | Fig.24  |
| 2    | 1880                    | 18900   | 3        | 1       | 14        | Fig.25  | Fig.26  | Fig.27  |
| 2    | 1880                    | 18900   | 3        | 15      | 0         | Fig.28  | Fig.29  | Fig.30  |
| 2    | 1908.5                  | 19185   | 3        | 1       | 14        | Fig.31  | Fig.32  | Fig.33  |
| 2    | 1908.5                  | 19185   | 3        | 15      | 0         | Fig.34  | Fig.35  | Fig.36  |
| 2    | 1852.5                  | 18625   | 5        | 1       | 24        | Fig.37  | Fig.38  | Fig.39  |
| 2    | 1852.5                  | 18625   | 5        | 25      | 0         | Fig.40  | Fig.41  | Fig.42  |
| 2    | 1880                    | 18900   | 5        | 1       | 24        | Fig.43  | Fig.44  | Fig.45  |
| 2    | 1880                    | 18900   | 5        | 25      | 0         | Fig.46  | Fig.47  | Fig.48  |
| 2    | 1907.5                  | 19175   | 5        | 1       | 24        | Fig.49  | Fig.50  | Fig.51  |
| 2    | 1907.5                  | 19175   | 5        | 25      | 0         | Fig.52  | Fig.53  | Fig.54  |
| 2    | 1855                    | 18650   | 10       | 1       | 49        | Fig.55  | Fig.56  | Fig.57  |
| 2    | 1855                    | 18650   | 10       | 50      | 0         | Fig.58  | Fig.59  | Fig.60  |
| 2    | 1880                    | 18900   | 10       | 1       | 49        | Fig.61  | Fig.62  | Fig.63  |
| 2    | 1880                    | 18900   | 10       | 50      | 0         | Fig.64  | Fig.65  | Fig.66  |
| 2    | 1905                    | 19150   | 10       | 1       | 49        | Fig.67  | Fig.68  | Fig.69  |
| 2    | 1905                    | 19150   | 10       | 50      | 0         | Fig.70  | Fig.71  | Fig.72  |
| 2    | 1857.5                  | 18675   | 15       | 1       | 74        | Fig.73  | Fig.74  | Fig.75  |
| 2    | 1857.5                  | 18675   | 15       | 75      | 0         | Fig.76  | Fig.77  | Fig.78  |
| 2    | 1880                    | 18900   | 15       | 1       | 74        | Fig.79  | Fig.80  | Fig.81  |
| 2    | 1880                    | 18900   | 15       | 75      | 0         | Fig.82  | Fig.83  | Fig.84  |
| 2    | 1902.5                  | 19125   | 15       | 1       | 74        | Fig.85  | Fig.86  | Fig.87  |
| 2    | 1902.5                  | 19125   | 15       | 75      | 0         | Fig.88  | Fig.89  | Fig.90  |
| 2    | 1860                    | 18700   | 20       | 1       | 99        | Fig.91  | Fig.92  | Fig.93  |
| 2    | 1860                    | 18700   | 20       | 100     | 0         | Fig.94  | Fig.95  | Fig.96  |
| 2    | 1880                    | 18900   | 20       | 1       | 99        | Fig.97  | Fig.98  | Fig.99  |
| 2    | 1880                    | 18900   | 20       | 100     | 0         | Fig.100 | Fig.101 | Fig.102 |
| 2    | 1900                    | 19100   | 20       | 1       | 99        | Fig.103 | Fig.104 | Fig.105 |
| 2    | 1900                    | 19100   | 20       | 100     | 0         | Fig.106 | Fig.107 | Fig.108 |

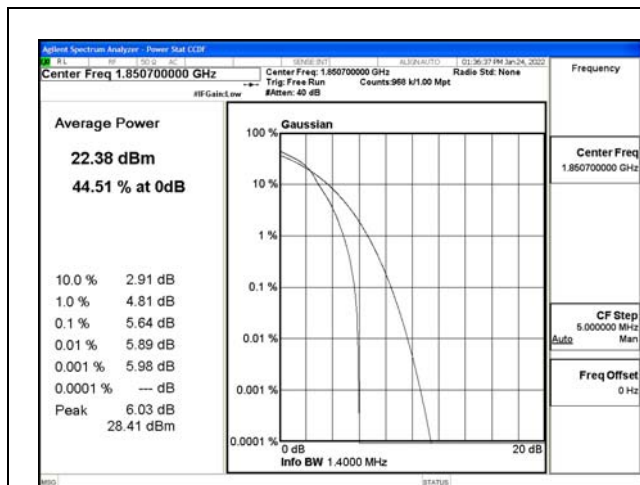


Fig.1

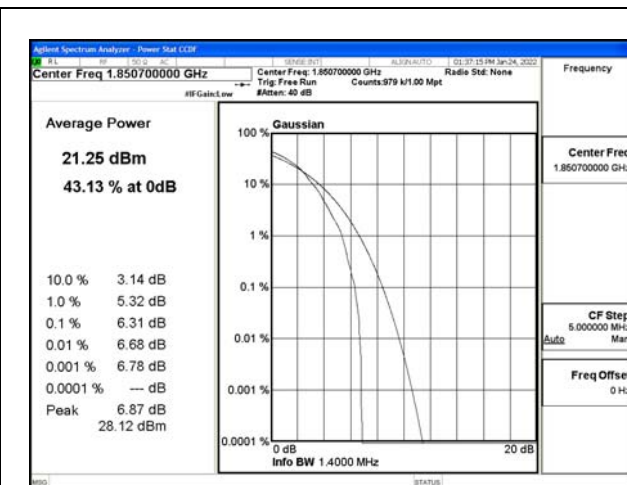


Fig.2

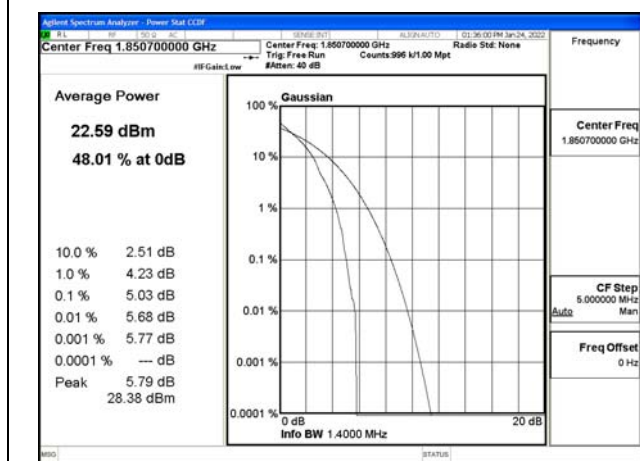


Fig.3

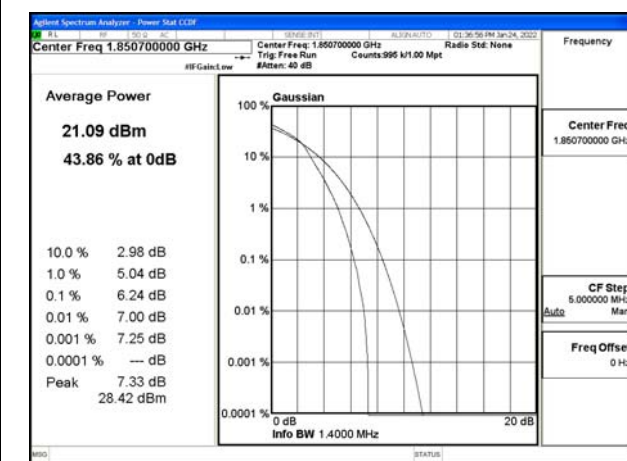


Fig.4

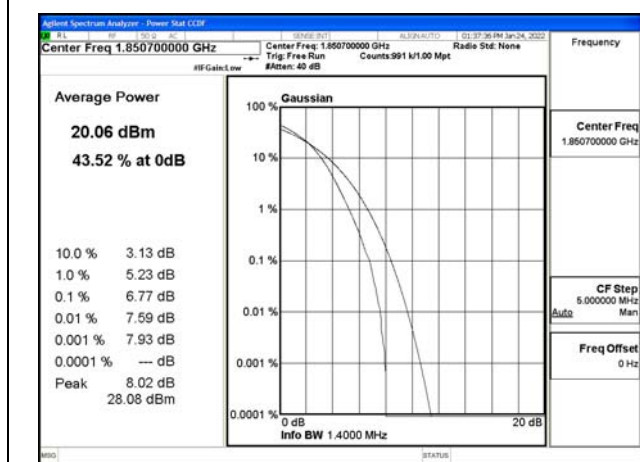


Fig.5

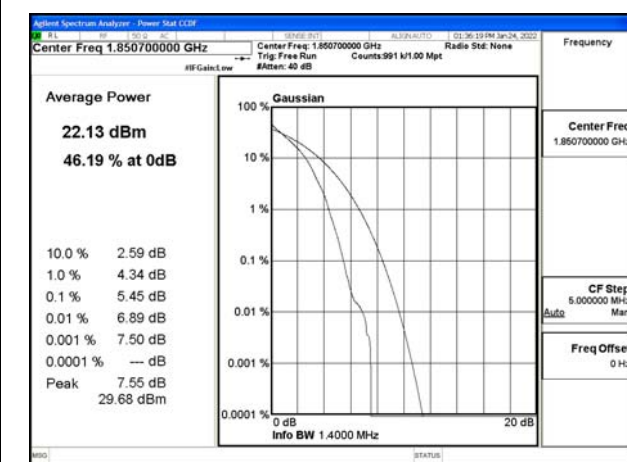


Fig.6