



## APPENDIX A – TEST DATA OF CONDUCTED EMISSION

### LTE Band 66

#### 1 RF Power Output

| Modulation | Carrier frequency (MHz) | UL Channel | BW  | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|-----|---------|-----------|-----------------------|
| QPSK       | 1710.7                  | 131979     | 1.4 | 1       | 0         | 22.72                 |
| QPSK       | 1710.7                  | 131979     | 1.4 | 1       | 3         | 22.87                 |
| QPSK       | 1710.7                  | 131979     | 1.4 | 1       | 5         | 22.59                 |
| QPSK       | 1710.7                  | 131979     | 1.4 | 3       | 0         | 22.67                 |
| QPSK       | 1710.7                  | 131979     | 1.4 | 3       | 1         | 22.62                 |
| QPSK       | 1710.7                  | 131979     | 1.4 | 3       | 3         | 22.57                 |
| QPSK       | 1710.7                  | 131979     | 1.4 | 6       | 0         | 21.69                 |
| QPSK       | 1755                    | 132422     | 1.4 | 1       | 0         | 23.00                 |
| QPSK       | 1755                    | 132422     | 1.4 | 1       | 3         | 22.92                 |
| QPSK       | 1755                    | 132422     | 1.4 | 1       | 5         | 22.52                 |
| QPSK       | 1755                    | 132422     | 1.4 | 3       | 0         | 22.87                 |
| QPSK       | 1755                    | 132422     | 1.4 | 3       | 1         | 22.76                 |
| QPSK       | 1755                    | 132422     | 1.4 | 3       | 3         | 22.89                 |
| QPSK       | 1755                    | 132422     | 1.4 | 6       | 0         | 21.81                 |
| QPSK       | 1779.3                  | 132665     | 1.4 | 1       | 0         | 22.63                 |
| QPSK       | 1779.3                  | 132665     | 1.4 | 1       | 3         | 22.98                 |
| QPSK       | 1779.3                  | 132665     | 1.4 | 1       | 5         | 22.63                 |
| QPSK       | 1779.3                  | 132665     | 1.4 | 3       | 0         | 22.83                 |
| QPSK       | 1779.3                  | 132665     | 1.4 | 3       | 1         | 22.72                 |
| QPSK       | 1779.3                  | 132665     | 1.4 | 3       | 3         | 22.76                 |
| QPSK       | 1779.3                  | 132665     | 1.4 | 6       | 0         | 21.79                 |



| Modulation | Carrier frequency (MHz) | UL Channel | BW  | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|-----|---------|-----------|-----------------------|
| 16QAM      | 1710.7                  | 131979     | 1.4 | 1       | 0         | 22.15                 |
| 16QAM      | 1710.7                  | 131979     | 1.4 | 1       | 3         | 21.85                 |
| 16QAM      | 1710.7                  | 131979     | 1.4 | 1       | 5         | 22.05                 |
| 16QAM      | 1710.7                  | 131979     | 1.4 | 3       | 0         | 21.79                 |
| 16QAM      | 1710.7                  | 131979     | 1.4 | 3       | 1         | 21.83                 |
| 16QAM      | 1710.7                  | 131979     | 1.4 | 3       | 3         | 21.87                 |
| 16QAM      | 1710.7                  | 131979     | 1.4 | 6       | 0         | 20.83                 |
| 16QAM      | 1755                    | 132422     | 1.4 | 1       | 0         | 22.28                 |
| 16QAM      | 1755                    | 132422     | 1.4 | 1       | 3         | 21.96                 |
| 16QAM      | 1755                    | 132422     | 1.4 | 1       | 5         | 22.22                 |
| 16QAM      | 1755                    | 132422     | 1.4 | 3       | 0         | 21.79                 |
| 16QAM      | 1755                    | 132422     | 1.4 | 3       | 1         | 22.01                 |
| 16QAM      | 1755                    | 132422     | 1.4 | 3       | 3         | 21.73                 |
| 16QAM      | 1755                    | 132422     | 1.4 | 6       | 0         | 20.92                 |
| 16QAM      | 1779.3                  | 132665     | 1.4 | 1       | 0         | 22.13                 |
| 16QAM      | 1779.3                  | 132665     | 1.4 | 1       | 3         | 22.17                 |
| 16QAM      | 1779.3                  | 132665     | 1.4 | 1       | 5         | 21.82                 |
| 16QAM      | 1779.3                  | 132665     | 1.4 | 3       | 0         | 22.14                 |
| 16QAM      | 1779.3                  | 132665     | 1.4 | 3       | 1         | 21.90                 |
| 16QAM      | 1779.3                  | 132665     | 1.4 | 3       | 3         | 21.93                 |
| 16QAM      | 1779.3                  | 132665     | 1.4 | 6       | 0         | 20.73                 |
| 64QAM      | 1710.7                  | 131979     | 1.4 | 1       | 0         | 21.64                 |
| 64QAM      | 1710.7                  | 131979     | 1.4 | 1       | 3         | 22.02                 |
| 64QAM      | 1710.7                  | 131979     | 1.4 | 1       | 5         | 21.79                 |
| 64QAM      | 1710.7                  | 131979     | 1.4 | 3       | 0         | 21.65                 |
| 64QAM      | 1710.7                  | 131979     | 1.4 | 3       | 1         | 21.75                 |
| 64QAM      | 1710.7                  | 131979     | 1.4 | 3       | 3         | 21.79                 |
| 64QAM      | 1710.7                  | 131979     | 1.4 | 6       | 0         | 20.84                 |
| 64QAM      | 1755                    | 132422     | 1.4 | 1       | 0         | 21.83                 |
| 64QAM      | 1755                    | 132422     | 1.4 | 1       | 3         | 21.90                 |
| 64QAM      | 1755                    | 132422     | 1.4 | 1       | 5         | 21.89                 |
| 64QAM      | 1755                    | 132422     | 1.4 | 3       | 0         | 21.86                 |
| 64QAM      | 1755                    | 132422     | 1.4 | 3       | 1         | 21.82                 |
| 64QAM      | 1755                    | 132422     | 1.4 | 3       | 3         | 21.94                 |
| 64QAM      | 1755                    | 132422     | 1.4 | 6       | 0         | 20.76                 |
| 64QAM      | 1779.3                  | 132665     | 1.4 | 1       | 0         | 22.02                 |
| 64QAM      | 1779.3                  | 132665     | 1.4 | 1       | 3         | 21.76                 |
| 64QAM      | 1779.3                  | 132665     | 1.4 | 1       | 5         | 22.02                 |
| 64QAM      | 1779.3                  | 132665     | 1.4 | 3       | 0         | 21.92                 |
| 64QAM      | 1779.3                  | 132665     | 1.4 | 3       | 1         | 21.79                 |
| 64QAM      | 1779.3                  | 132665     | 1.4 | 3       | 3         | 21.76                 |
| 64QAM      | 1779.3                  | 132665     | 1.4 | 6       | 0         | 20.74                 |



| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 1711.5                  | 131987     | 3  | 1       | 0         | 22.55                 |
| QPSK       | 1711.5                  | 131987     | 3  | 1       | 8         | 22.68                 |
| QPSK       | 1711.5                  | 131987     | 3  | 1       | 14        | 22.69                 |
| QPSK       | 1711.5                  | 131987     | 3  | 8       | 0         | 21.71                 |
| QPSK       | 1711.5                  | 131987     | 3  | 8       | 4         | 21.84                 |
| QPSK       | 1711.5                  | 131987     | 3  | 8       | 7         | 21.68                 |
| QPSK       | 1711.5                  | 131987     | 3  | 15      | 0         | 21.76                 |
| QPSK       | 1755                    | 132422     | 3  | 1       | 0         | 22.46                 |
| QPSK       | 1755                    | 132422     | 3  | 1       | 8         | 22.71                 |
| QPSK       | 1755                    | 132422     | 3  | 1       | 14        | 22.68                 |
| QPSK       | 1755                    | 132422     | 3  | 8       | 0         | 21.69                 |
| QPSK       | 1755                    | 132422     | 3  | 8       | 4         | 21.86                 |
| QPSK       | 1755                    | 132422     | 3  | 8       | 7         | 21.79                 |
| QPSK       | 1755                    | 132422     | 3  | 15      | 0         | 21.69                 |
| QPSK       | 1778.5                  | 132657     | 3  | 1       | 0         | 22.76                 |
| QPSK       | 1778.5                  | 132657     | 3  | 1       | 8         | 22.83                 |
| QPSK       | 1778.5                  | 132657     | 3  | 1       | 14        | 22.71                 |
| QPSK       | 1778.5                  | 132657     | 3  | 8       | 0         | 21.72                 |
| QPSK       | 1778.5                  | 132657     | 3  | 8       | 4         | 21.78                 |
| QPSK       | 1778.5                  | 132657     | 3  | 8       | 7         | 21.76                 |
| QPSK       | 1778.5                  | 132657     | 3  | 15      | 0         | 21.62                 |



| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM      | 1711.5                  | 131987     | 3  | 1       | 0         | 21.93                 |
| 16QAM      | 1711.5                  | 131987     | 3  | 1       | 8         | 22.19                 |
| 16QAM      | 1711.5                  | 131987     | 3  | 1       | 14        | 22.03                 |
| 16QAM      | 1711.5                  | 131987     | 3  | 8       | 0         | 20.71                 |
| 16QAM      | 1711.5                  | 131987     | 3  | 8       | 4         | 20.88                 |
| 16QAM      | 1711.5                  | 131987     | 3  | 8       | 7         | 21.05                 |
| 16QAM      | 1711.5                  | 131987     | 3  | 15      | 0         | 20.78                 |
| 16QAM      | 1755                    | 132422     | 3  | 1       | 0         | 21.91                 |
| 16QAM      | 1755                    | 132422     | 3  | 1       | 8         | 22.24                 |
| 16QAM      | 1755                    | 132422     | 3  | 1       | 14        | 22.01                 |
| 16QAM      | 1755                    | 132422     | 3  | 8       | 0         | 20.70                 |
| 16QAM      | 1755                    | 132422     | 3  | 8       | 4         | 20.80                 |
| 16QAM      | 1755                    | 132422     | 3  | 8       | 7         | 20.79                 |
| 16QAM      | 1755                    | 132422     | 3  | 15      | 0         | 20.88                 |
| 16QAM      | 1778.5                  | 132657     | 3  | 1       | 0         | 22.20                 |
| 16QAM      | 1778.5                  | 132657     | 3  | 1       | 8         | 22.58                 |
| 16QAM      | 1778.5                  | 132657     | 3  | 1       | 14        | 21.76                 |
| 16QAM      | 1778.5                  | 132657     | 3  | 8       | 0         | 20.86                 |
| 16QAM      | 1778.5                  | 132657     | 3  | 8       | 4         | 20.92                 |
| 16QAM      | 1778.5                  | 132657     | 3  | 8       | 7         | 20.83                 |
| 16QAM      | 1778.5                  | 132657     | 3  | 15      | 0         | 20.79                 |
| 64QAM      | 1711.5                  | 131987     | 3  | 1       | 0         | 21.81                 |
| 64QAM      | 1711.5                  | 131987     | 3  | 1       | 8         | 21.85                 |
| 64QAM      | 1711.5                  | 131987     | 3  | 1       | 14        | 21.81                 |
| 64QAM      | 1711.5                  | 131987     | 3  | 8       | 0         | 20.63                 |
| 64QAM      | 1711.5                  | 131987     | 3  | 8       | 4         | 20.79                 |
| 64QAM      | 1711.5                  | 131987     | 3  | 8       | 7         | 20.80                 |
| 64QAM      | 1711.5                  | 131987     | 3  | 15      | 0         | 20.76                 |
| 64QAM      | 1755                    | 132422     | 3  | 1       | 0         | 21.85                 |
| 64QAM      | 1755                    | 132422     | 3  | 1       | 8         | 21.95                 |
| 64QAM      | 1755                    | 132422     | 3  | 1       | 14        | 21.67                 |
| 64QAM      | 1755                    | 132422     | 3  | 8       | 0         | 20.74                 |
| 64QAM      | 1755                    | 132422     | 3  | 8       | 4         | 20.78                 |
| 64QAM      | 1755                    | 132422     | 3  | 8       | 7         | 20.66                 |
| 64QAM      | 1755                    | 132422     | 3  | 15      | 0         | 20.72                 |
| 64QAM      | 1778.5                  | 132657     | 3  | 1       | 0         | 21.50                 |
| 64QAM      | 1778.5                  | 132657     | 3  | 1       | 8         | 21.84                 |
| 64QAM      | 1778.5                  | 132657     | 3  | 1       | 14        | 21.45                 |
| 64QAM      | 1778.5                  | 132657     | 3  | 8       | 0         | 20.63                 |
| 64QAM      | 1778.5                  | 132657     | 3  | 8       | 4         | 20.79                 |
| 64QAM      | 1778.5                  | 132657     | 3  | 8       | 7         | 20.71                 |
| 64QAM      | 1778.5                  | 132657     | 3  | 15      | 0         | 20.76                 |



| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 1712.5                  | 131997     | 5  | 1       | 0         | 22.73                 |
| QPSK       | 1712.5                  | 131997     | 5  | 1       | 12        | 22.77                 |
| QPSK       | 1712.5                  | 131997     | 5  | 1       | 24        | 22.77                 |
| QPSK       | 1712.5                  | 131997     | 5  | 12      | 0         | 21.83                 |
| QPSK       | 1712.5                  | 131997     | 5  | 12      | 7         | 21.86                 |
| QPSK       | 1712.5                  | 131997     | 5  | 12      | 13        | 21.75                 |
| QPSK       | 1712.5                  | 131997     | 5  | 25      | 0         | 21.72                 |
| QPSK       | 1755                    | 132422     | 5  | 1       | 0         | 22.96                 |
| QPSK       | 1755                    | 132422     | 5  | 1       | 12        | 22.90                 |
| QPSK       | 1755                    | 132422     | 5  | 1       | 24        | 22.62                 |
| QPSK       | 1755                    | 132422     | 5  | 12      | 0         | 21.71                 |
| QPSK       | 1755                    | 132422     | 5  | 12      | 7         | 21.91                 |
| QPSK       | 1755                    | 132422     | 5  | 12      | 13        | 21.71                 |
| QPSK       | 1755                    | 132422     | 5  | 25      | 0         | 21.82                 |
| QPSK       | 1777.5                  | 132647     | 5  | 1       | 0         | 22.60                 |
| QPSK       | 1777.5                  | 132647     | 5  | 1       | 12        | 22.94                 |
| QPSK       | 1777.5                  | 132647     | 5  | 1       | 24        | 22.85                 |
| QPSK       | 1777.5                  | 132647     | 5  | 12      | 0         | 21.59                 |
| QPSK       | 1777.5                  | 132647     | 5  | 12      | 7         | 21.59                 |
| QPSK       | 1777.5                  | 132647     | 5  | 12      | 13        | 21.63                 |
| QPSK       | 1777.5                  | 132647     | 5  | 25      | 0         | 21.57                 |



| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM      | 1712.5                  | 131997     | 5  | 1       | 0         | 22.02                 |
| 16QAM      | 1712.5                  | 131997     | 5  | 1       | 12        | 22.24                 |
| 16QAM      | 1712.5                  | 131997     | 5  | 1       | 24        | 22.26                 |
| 16QAM      | 1712.5                  | 131997     | 5  | 12      | 0         | 20.80                 |
| 16QAM      | 1712.5                  | 131997     | 5  | 12      | 7         | 20.85                 |
| 16QAM      | 1712.5                  | 131997     | 5  | 12      | 13        | 20.76                 |
| 16QAM      | 1712.5                  | 131997     | 5  | 25      | 0         | 20.66                 |
| 16QAM      | 1755                    | 132422     | 5  | 1       | 0         | 21.84                 |
| 16QAM      | 1755                    | 132422     | 5  | 1       | 12        | 21.84                 |
| 16QAM      | 1755                    | 132422     | 5  | 1       | 24        | 22.01                 |
| 16QAM      | 1755                    | 132422     | 5  | 12      | 0         | 20.64                 |
| 16QAM      | 1755                    | 132422     | 5  | 12      | 7         | 20.96                 |
| 16QAM      | 1755                    | 132422     | 5  | 12      | 13        | 20.86                 |
| 16QAM      | 1755                    | 132422     | 5  | 25      | 0         | 20.81                 |
| 16QAM      | 1777.5                  | 132647     | 5  | 1       | 0         | 22.20                 |
| 16QAM      | 1777.5                  | 132647     | 5  | 1       | 12        | 21.74                 |
| 16QAM      | 1777.5                  | 132647     | 5  | 1       | 24        | 22.12                 |
| 16QAM      | 1777.5                  | 132647     | 5  | 12      | 0         | 20.55                 |
| 16QAM      | 1777.5                  | 132647     | 5  | 12      | 7         | 20.87                 |
| 16QAM      | 1777.5                  | 132647     | 5  | 12      | 13        | 20.78                 |
| 16QAM      | 1777.5                  | 132647     | 5  | 25      | 0         | 20.53                 |
| 64QAM      | 1712.5                  | 131997     | 5  | 1       | 0         | 21.71                 |
| 64QAM      | 1712.5                  | 131997     | 5  | 1       | 12        | 21.72                 |
| 64QAM      | 1712.5                  | 131997     | 5  | 1       | 24        | 21.84                 |
| 64QAM      | 1712.5                  | 131997     | 5  | 12      | 0         | 20.75                 |
| 64QAM      | 1712.5                  | 131997     | 5  | 12      | 7         | 20.88                 |
| 64QAM      | 1712.5                  | 131997     | 5  | 12      | 13        | 20.78                 |
| 64QAM      | 1712.5                  | 131997     | 5  | 25      | 0         | 20.65                 |
| 64QAM      | 1755                    | 132422     | 5  | 1       | 0         | 21.64                 |
| 64QAM      | 1755                    | 132422     | 5  | 1       | 12        | 21.36                 |
| 64QAM      | 1755                    | 132422     | 5  | 1       | 24        | 21.69                 |
| 64QAM      | 1755                    | 132422     | 5  | 12      | 0         | 20.63                 |
| 64QAM      | 1755                    | 132422     | 5  | 12      | 7         | 20.61                 |
| 64QAM      | 1755                    | 132422     | 5  | 12      | 13        | 20.66                 |
| 64QAM      | 1755                    | 132422     | 5  | 25      | 0         | 20.52                 |
| 64QAM      | 1777.5                  | 132647     | 5  | 1       | 0         | 21.56                 |
| 64QAM      | 1777.5                  | 132647     | 5  | 1       | 12        | 21.82                 |
| 64QAM      | 1777.5                  | 132647     | 5  | 1       | 24        | 21.81                 |
| 64QAM      | 1777.5                  | 132647     | 5  | 12      | 0         | 20.60                 |
| 64QAM      | 1777.5                  | 132647     | 5  | 12      | 7         | 20.65                 |
| 64QAM      | 1777.5                  | 132647     | 5  | 12      | 13        | 20.62                 |
| 64QAM      | 1777.5                  | 132647     | 5  | 25      | 0         | 20.63                 |



| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 1715                    | 132022     | 10 | 1       | 0         | 22.55                 |
| QPSK       | 1715                    | 132022     | 10 | 1       | 25        | 22.94                 |
| QPSK       | 1715                    | 132022     | 10 | 1       | 49        | 22.89                 |
| QPSK       | 1715                    | 132022     | 10 | 25      | 0         | 21.38                 |
| QPSK       | 1715                    | 132022     | 10 | 25      | 12        | 21.56                 |
| QPSK       | 1715                    | 132022     | 10 | 25      | 25        | 21.68                 |
| QPSK       | 1715                    | 132022     | 10 | 50      | 0         | 21.51                 |
| QPSK       | 1755                    | 132422     | 10 | 1       | 0         | 22.82                 |
| QPSK       | 1755                    | 132422     | 10 | 1       | 25        | 22.40                 |
| QPSK       | 1755                    | 132422     | 10 | 1       | 49        | 22.26                 |
| QPSK       | 1755                    | 132422     | 10 | 25      | 0         | 21.49                 |
| QPSK       | 1755                    | 132422     | 10 | 25      | 12        | 21.55                 |
| QPSK       | 1755                    | 132422     | 10 | 25      | 25        | 21.54                 |
| QPSK       | 1755                    | 132422     | 10 | 50      | 0         | 21.52                 |
| QPSK       | 1775                    | 132622     | 10 | 1       | 0         | 22.76                 |
| QPSK       | 1775                    | 132622     | 10 | 1       | 25        | 22.73                 |
| QPSK       | 1775                    | 132622     | 10 | 1       | 49        | 22.78                 |
| QPSK       | 1775                    | 132622     | 10 | 25      | 0         | 21.37                 |
| QPSK       | 1775                    | 132622     | 10 | 25      | 12        | 21.53                 |
| QPSK       | 1775                    | 132622     | 10 | 25      | 25        | 21.60                 |
| QPSK       | 1775                    | 132622     | 10 | 50      | 0         | 21.51                 |



| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM      | 1715                    | 132022     | 10 | 1       | 0         | 21.63                 |
| 16QAM      | 1715                    | 132022     | 10 | 1       | 25        | 21.43                 |
| 16QAM      | 1715                    | 132022     | 10 | 1       | 49        | 22.23                 |
| 16QAM      | 1715                    | 132022     | 10 | 25      | 0         | 20.42                 |
| 16QAM      | 1715                    | 132022     | 10 | 25      | 12        | 20.59                 |
| 16QAM      | 1715                    | 132022     | 10 | 25      | 25        | 20.75                 |
| 16QAM      | 1715                    | 132022     | 10 | 50      | 0         | 20.58                 |
| 16QAM      | 1755                    | 132422     | 10 | 1       | 0         | 22.21                 |
| 16QAM      | 1755                    | 132422     | 10 | 1       | 25        | 21.81                 |
| 16QAM      | 1755                    | 132422     | 10 | 1       | 49        | 21.51                 |
| 16QAM      | 1755                    | 132422     | 10 | 25      | 0         | 20.67                 |
| 16QAM      | 1755                    | 132422     | 10 | 25      | 12        | 20.48                 |
| 16QAM      | 1755                    | 132422     | 10 | 25      | 25        | 20.50                 |
| 16QAM      | 1755                    | 132422     | 10 | 50      | 0         | 20.58                 |
| 16QAM      | 1775                    | 132622     | 10 | 1       | 0         | 21.51                 |
| 16QAM      | 1775                    | 132622     | 10 | 1       | 25        | 21.44                 |
| 16QAM      | 1775                    | 132622     | 10 | 1       | 49        | 21.58                 |
| 16QAM      | 1775                    | 132622     | 10 | 25      | 0         | 20.41                 |
| 16QAM      | 1775                    | 132622     | 10 | 25      | 12        | 20.50                 |
| 16QAM      | 1775                    | 132622     | 10 | 25      | 25        | 20.47                 |
| 16QAM      | 1775                    | 132622     | 10 | 50      | 0         | 20.52                 |
| 64QAM      | 1715                    | 132022     | 10 | 1       | 0         | 21.18                 |
| 64QAM      | 1715                    | 132022     | 10 | 1       | 25        | 21.79                 |
| 64QAM      | 1715                    | 132022     | 10 | 1       | 49        | 21.72                 |
| 64QAM      | 1715                    | 132022     | 10 | 25      | 0         | 20.42                 |
| 64QAM      | 1715                    | 132022     | 10 | 25      | 12        | 20.56                 |
| 64QAM      | 1715                    | 132022     | 10 | 25      | 25        | 20.58                 |
| 64QAM      | 1715                    | 132022     | 10 | 50      | 0         | 20.55                 |
| 64QAM      | 1755                    | 132422     | 10 | 1       | 0         | 21.63                 |
| 64QAM      | 1755                    | 132422     | 10 | 1       | 25        | 21.89                 |
| 64QAM      | 1755                    | 132422     | 10 | 1       | 49        | 21.54                 |
| 64QAM      | 1755                    | 132422     | 10 | 25      | 0         | 20.60                 |
| 64QAM      | 1755                    | 132422     | 10 | 25      | 12        | 20.52                 |
| 64QAM      | 1755                    | 132422     | 10 | 25      | 25        | 20.63                 |
| 64QAM      | 1755                    | 132422     | 10 | 50      | 0         | 20.56                 |
| 64QAM      | 1775                    | 132622     | 10 | 1       | 0         | 21.48                 |
| 64QAM      | 1775                    | 132622     | 10 | 1       | 25        | 21.53                 |
| 64QAM      | 1775                    | 132622     | 10 | 1       | 49        | 21.61                 |
| 64QAM      | 1775                    | 132622     | 10 | 25      | 0         | 20.42                 |
| 64QAM      | 1775                    | 132622     | 10 | 25      | 12        | 20.46                 |
| 64QAM      | 1775                    | 132622     | 10 | 25      | 25        | 20.62                 |
| 64QAM      | 1775                    | 132622     | 10 | 50      | 0         | 20.52                 |



| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 1717.5                  | 132047     | 15 | 1       | 0         | 22.77                 |
| QPSK       | 1717.5                  | 132047     | 15 | 1       | 37        | 22.58                 |
| QPSK       | 1717.5                  | 132047     | 15 | 1       | 74        | 23.11                 |
| QPSK       | 1717.5                  | 132047     | 15 | 36      | 0         | 21.46                 |
| QPSK       | 1717.5                  | 132047     | 15 | 36      | 29        | 21.75                 |
| QPSK       | 1717.5                  | 132047     | 15 | 36      | 30        | 21.79                 |
| QPSK       | 1717.5                  | 132047     | 15 | 75      | 0         | 21.63                 |
| QPSK       | 1755                    | 132422     | 15 | 1       | 0         | 23.25                 |
| QPSK       | 1755                    | 132422     | 15 | 1       | 37        | 23.11                 |
| QPSK       | 1755                    | 132422     | 15 | 1       | 74        | 23.10                 |
| QPSK       | 1755                    | 132422     | 15 | 36      | 0         | 22.09                 |
| QPSK       | 1755                    | 132422     | 15 | 36      | 29        | 22.17                 |
| QPSK       | 1755                    | 132422     | 15 | 36      | 30        | 22.24                 |
| QPSK       | 1755                    | 132422     | 15 | 75      | 0         | 22.13                 |
| QPSK       | 1772.5                  | 132597     | 15 | 1       | 0         | 22.69                 |
| QPSK       | 1772.5                  | 132597     | 15 | 1       | 37        | 22.83                 |
| QPSK       | 1772.5                  | 132597     | 15 | 1       | 74        | 23.10                 |
| QPSK       | 1772.5                  | 132597     | 15 | 36      | 0         | 21.86                 |
| QPSK       | 1772.5                  | 132597     | 15 | 36      | 29        | 21.99                 |
| QPSK       | 1772.5                  | 132597     | 15 | 36      | 30        | 21.97                 |
| QPSK       | 1772.5                  | 132597     | 15 | 75      | 0         | 21.86                 |



| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM      | 1717.5                  | 132047     | 15 | 1       | 0         | 21.60                 |
| 16QAM      | 1717.5                  | 132047     | 15 | 1       | 37        | 22.00                 |
| 16QAM      | 1717.5                  | 132047     | 15 | 1       | 74        | 21.52                 |
| 16QAM      | 1717.5                  | 132047     | 15 | 36      | 0         | 20.38                 |
| 16QAM      | 1717.5                  | 132047     | 15 | 36      | 29        | 20.70                 |
| 16QAM      | 1717.5                  | 132047     | 15 | 36      | 30        | 20.80                 |
| 16QAM      | 1717.5                  | 132047     | 15 | 75      | 0         | 20.63                 |
| 16QAM      | 1755                    | 132422     | 15 | 1       | 0         | 22.23                 |
| 16QAM      | 1755                    | 132422     | 15 | 1       | 37        | 22.35                 |
| 16QAM      | 1755                    | 132422     | 15 | 1       | 74        | 21.85                 |
| 16QAM      | 1755                    | 132422     | 15 | 36      | 0         | 21.06                 |
| 16QAM      | 1755                    | 132422     | 15 | 36      | 29        | 21.29                 |
| 16QAM      | 1755                    | 132422     | 15 | 36      | 30        | 21.24                 |
| 16QAM      | 1755                    | 132422     | 15 | 75      | 0         | 21.25                 |
| 16QAM      | 1772.5                  | 132597     | 15 | 1       | 0         | 21.87                 |
| 16QAM      | 1772.5                  | 132597     | 15 | 1       | 37        | 22.20                 |
| 16QAM      | 1772.5                  | 132597     | 15 | 1       | 74        | 22.12                 |
| 16QAM      | 1772.5                  | 132597     | 15 | 36      | 0         | 20.79                 |
| 16QAM      | 1772.5                  | 132597     | 15 | 36      | 29        | 20.94                 |
| 16QAM      | 1772.5                  | 132597     | 15 | 36      | 30        | 21.00                 |
| 16QAM      | 1772.5                  | 132597     | 15 | 75      | 0         | 20.79                 |
| 64QAM      | 1717.5                  | 132047     | 15 | 1       | 0         | 21.37                 |
| 64QAM      | 1717.5                  | 132047     | 15 | 1       | 37        | 21.73                 |
| 64QAM      | 1717.5                  | 132047     | 15 | 1       | 74        | 21.92                 |
| 64QAM      | 1717.5                  | 132047     | 15 | 36      | 0         | 20.57                 |
| 64QAM      | 1717.5                  | 132047     | 15 | 36      | 29        | 20.73                 |
| 64QAM      | 1717.5                  | 132047     | 15 | 36      | 30        | 20.75                 |
| 64QAM      | 1717.5                  | 132047     | 15 | 75      | 0         | 20.65                 |
| 64QAM      | 1755                    | 132422     | 15 | 1       | 0         | 22.49                 |
| 64QAM      | 1755                    | 132422     | 15 | 1       | 37        | 22.26                 |
| 64QAM      | 1755                    | 132422     | 15 | 1       | 74        | 22.07                 |
| 64QAM      | 1755                    | 132422     | 15 | 36      | 0         | 21.11                 |
| 64QAM      | 1755                    | 132422     | 15 | 36      | 29        | 21.48                 |
| 64QAM      | 1755                    | 132422     | 15 | 36      | 30        | 21.23                 |
| 64QAM      | 1755                    | 132422     | 15 | 75      | 0         | 21.18                 |
| 64QAM      | 1772.5                  | 132597     | 15 | 1       | 0         | 22.01                 |
| 64QAM      | 1772.5                  | 132597     | 15 | 1       | 37        | 22.36                 |
| 64QAM      | 1772.5                  | 132597     | 15 | 1       | 74        | 22.17                 |
| 64QAM      | 1772.5                  | 132597     | 15 | 36      | 0         | 20.68                 |
| 64QAM      | 1772.5                  | 132597     | 15 | 36      | 29        | 21.05                 |
| 64QAM      | 1772.5                  | 132597     | 15 | 36      | 30        | 21.06                 |
| 64QAM      | 1772.5                  | 132597     | 15 | 75      | 0         | 20.85                 |



| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 1720                    | 132072     | 20 | 1       | 0         | 23.18                 |
| QPSK       | 1720                    | 132072     | 20 | 1       | 49        | 22.98                 |
| QPSK       | 1720                    | 132072     | 20 | 1       | 99        | 23.12                 |
| QPSK       | 1720                    | 132072     | 20 | 50      | 0         | 22.19                 |
| QPSK       | 1720                    | 132072     | 20 | 50      | 24        | 22.31                 |
| QPSK       | 1720                    | 132072     | 20 | 50      | 50        | 22.19                 |
| QPSK       | 1720                    | 132072     | 20 | 100     | 0         | 22.22                 |
| QPSK       | 1755                    | 132422     | 20 | 1       | 0         | 22.90                 |
| QPSK       | 1755                    | 132422     | 20 | 1       | 49        | 23.12                 |
| QPSK       | 1755                    | 132422     | 20 | 1       | 99        | 23.28                 |
| QPSK       | 1755                    | 132422     | 20 | 50      | 0         | 22.14                 |
| QPSK       | 1755                    | 132422     | 20 | 50      | 24        | 22.04                 |
| QPSK       | 1755                    | 132422     | 20 | 50      | 50        | 22.28                 |
| QPSK       | 1755                    | 132422     | 20 | 100     | 0         | 22.25                 |
| QPSK       | 1770                    | 132572     | 20 | 1       | 0         | 23.22                 |
| QPSK       | 1770                    | 132572     | 20 | 1       | 49        | 23.19                 |
| QPSK       | 1770                    | 132572     | 20 | 1       | 99        | 23.02                 |
| QPSK       | 1770                    | 132572     | 20 | 50      | 0         | 22.10                 |
| QPSK       | 1770                    | 132572     | 20 | 50      | 24        | 22.19                 |
| QPSK       | 1770                    | 132572     | 20 | 50      | 50        | 22.18                 |
| QPSK       | 1770                    | 132572     | 20 | 100     | 0         | 22.14                 |



| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM      | 1720                    | 132072     | 20 | 1       | 0         | 22.46                 |
| 16QAM      | 1720                    | 132072     | 20 | 1       | 49        | 22.08                 |
| 16QAM      | 1720                    | 132072     | 20 | 1       | 99        | 22.02                 |
| 16QAM      | 1720                    | 132072     | 20 | 50      | 0         | 21.11                 |
| 16QAM      | 1720                    | 132072     | 20 | 50      | 24        | 21.15                 |
| 16QAM      | 1720                    | 132072     | 20 | 50      | 50        | 21.25                 |
| 16QAM      | 1720                    | 132072     | 20 | 100     | 0         | 21.20                 |
| 16QAM      | 1755                    | 132422     | 20 | 1       | 0         | 22.66                 |
| 16QAM      | 1755                    | 132422     | 20 | 1       | 49        | 22.51                 |
| 16QAM      | 1755                    | 132422     | 20 | 1       | 99        | 22.61                 |
| 16QAM      | 1755                    | 132422     | 20 | 50      | 0         | 21.07                 |
| 16QAM      | 1755                    | 132422     | 20 | 50      | 24        | 21.13                 |
| 16QAM      | 1755                    | 132422     | 20 | 50      | 50        | 21.12                 |
| 16QAM      | 1755                    | 132422     | 20 | 100     | 0         | 21.14                 |
| 16QAM      | 1770                    | 132572     | 20 | 1       | 0         | 22.02                 |
| 16QAM      | 1770                    | 132572     | 20 | 1       | 49        | 22.34                 |
| 16QAM      | 1770                    | 132572     | 20 | 1       | 99        | 22.67                 |
| 16QAM      | 1770                    | 132572     | 20 | 50      | 0         | 21.05                 |
| 16QAM      | 1770                    | 132572     | 20 | 50      | 24        | 21.08                 |
| 16QAM      | 1770                    | 132572     | 20 | 50      | 50        | 21.18                 |
| 16QAM      | 1770                    | 132572     | 20 | 100     | 0         | 21.18                 |
| 64QAM      | 1720                    | 132072     | 20 | 1       | 0         | 22.36                 |
| 64QAM      | 1720                    | 132072     | 20 | 1       | 49        | 22.03                 |
| 64QAM      | 1720                    | 132072     | 20 | 1       | 99        | 22.29                 |
| 64QAM      | 1720                    | 132072     | 20 | 50      | 0         | 21.06                 |
| 64QAM      | 1720                    | 132072     | 20 | 50      | 24        | 20.98                 |
| 64QAM      | 1720                    | 132072     | 20 | 50      | 50        | 21.25                 |
| 64QAM      | 1720                    | 132072     | 20 | 100     | 0         | 21.17                 |
| 64QAM      | 1755                    | 132422     | 20 | 1       | 0         | 22.21                 |
| 64QAM      | 1755                    | 132422     | 20 | 1       | 49        | 22.14                 |
| 64QAM      | 1755                    | 132422     | 20 | 1       | 99        | 22.52                 |
| 64QAM      | 1755                    | 132422     | 20 | 50      | 0         | 21.15                 |
| 64QAM      | 1755                    | 132422     | 20 | 50      | 24        | 21.17                 |
| 64QAM      | 1755                    | 132422     | 20 | 50      | 50        | 21.26                 |
| 64QAM      | 1755                    | 132422     | 20 | 100     | 0         | 21.22                 |
| 64QAM      | 1770                    | 132572     | 20 | 1       | 0         | 22.32                 |
| 64QAM      | 1770                    | 132572     | 20 | 1       | 49        | 21.89                 |
| 64QAM      | 1770                    | 132572     | 20 | 1       | 99        | 22.30                 |
| 64QAM      | 1770                    | 132572     | 20 | 50      | 0         | 21.07                 |
| 64QAM      | 1770                    | 132572     | 20 | 50      | 24        | 21.04                 |
| 64QAM      | 1770                    | 132572     | 20 | 50      | 50        | 21.12                 |
| 64QAM      | 1770                    | 132572     | 20 | 100     | 0         | 21.12                 |



## 2 Occupied Bandwidth

| Band | Mode | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of 99% Power (MHz) |        |
|------|------|-------------------------|---------|----------|---------|-----------|------------------------------|--------|
| 66   | QPSK | 1710.7                  | 131979  | 1.4      | 6       | 0         | 1.074                        | Fig.1  |
| 66   | QPSK | 1755                    | 132422  | 1.4      | 6       | 0         | 1.075                        | Fig.2  |
| 66   | QPSK | 1779.3                  | 132665  | 1.4      | 6       | 0         | 1.079                        | Fig.3  |
| 66   | QPSK | 1711.5                  | 131987  | 3        | 15      | 0         | 2.671                        | Fig.4  |
| 66   | QPSK | 1755                    | 132422  | 3        | 15      | 0         | 2.690                        | Fig.5  |
| 66   | QPSK | 1778.5                  | 132657  | 3        | 15      | 0         | 2.672                        | Fig.6  |
| 66   | QPSK | 1712.5                  | 131997  | 5        | 25      | 0         | 4.446                        | Fig.7  |
| 66   | QPSK | 1755                    | 132422  | 5        | 25      | 0         | 4.468                        | Fig.8  |
| 66   | QPSK | 1777.5                  | 132647  | 5        | 25      | 0         | 4.447                        | Fig.9  |
| 66   | QPSK | 1715                    | 132022  | 10       | 50      | 0         | 8.909                        | Fig.10 |
| 66   | QPSK | 1755                    | 132422  | 10       | 50      | 0         | 8.895                        | Fig.11 |
| 66   | QPSK | 1775                    | 132622  | 10       | 50      | 0         | 8.934                        | Fig.12 |
| 66   | QPSK | 1717.5                  | 132047  | 15       | 75      | 0         | 13.389                       | Fig.13 |
| 66   | QPSK | 1755                    | 132422  | 15       | 75      | 0         | 13.391                       | Fig.14 |
| 66   | QPSK | 1772.5                  | 132597  | 15       | 75      | 0         | 13.399                       | Fig.15 |
| 66   | QPSK | 1720                    | 132072  | 20       | 100     | 0         | 17.836                       | Fig.16 |
| 66   | QPSK | 1755                    | 132422  | 20       | 100     | 0         | 17.887                       | Fig.17 |
| 66   | QPSK | 1770                    | 132572  | 20       | 100     | 0         | 17.869                       | Fig.18 |

| Band | Mode  | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of 99% Power (MHz) |        |
|------|-------|-------------------------|---------|----------|---------|-----------|------------------------------|--------|
| 66   | 16QAM | 1710.7                  | 131979  | 1.4      | 6       | 0         | 1.074                        | Fig.19 |
| 66   | 16QAM | 1755                    | 132422  | 1.4      | 6       | 0         | 1.076                        | Fig.20 |
| 66   | 16QAM | 1779.3                  | 132665  | 1.4      | 6       | 0         | 1.075                        | Fig.21 |
| 66   | 16QAM | 1711.5                  | 131987  | 3        | 15      | 0         | 2.676                        | Fig.22 |
| 66   | 16QAM | 1755                    | 132422  | 3        | 15      | 0         | 2.677                        | Fig.23 |
| 66   | 16QAM | 1778.5                  | 132657  | 3        | 15      | 0         | 2.679                        | Fig.24 |
| 66   | 16QAM | 1712.5                  | 131997  | 5        | 25      | 0         | 4.454                        | Fig.25 |
| 66   | 16QAM | 1755                    | 132422  | 5        | 25      | 0         | 4.451                        | Fig.26 |
| 66   | 16QAM | 1777.5                  | 132647  | 5        | 25      | 0         | 4.463                        | Fig.27 |
| 66   | 16QAM | 1715                    | 132022  | 10       | 50      | 0         | 8.926                        | Fig.28 |
| 66   | 16QAM | 1755                    | 132422  | 10       | 50      | 0         | 8.890                        | Fig.29 |
| 66   | 16QAM | 1775                    | 132622  | 10       | 50      | 0         | 8.903                        | Fig.30 |
| 66   | 16QAM | 1717.5                  | 132047  | 15       | 75      | 0         | 13.392                       | Fig.31 |
| 66   | 16QAM | 1755                    | 132422  | 15       | 75      | 0         | 13.378                       | Fig.32 |
| 66   | 16QAM | 1772.5                  | 132597  | 15       | 75      | 0         | 13.380                       | Fig.33 |
| 66   | 16QAM | 1720                    | 132072  | 20       | 100     | 0         | 17.846                       | Fig.34 |
| 66   | 16QAM | 1755                    | 132422  | 20       | 100     | 0         | 17.849                       | Fig.35 |
| 66   | 16QAM | 1770                    | 132572  | 20       | 100     | 0         | 17.846                       | Fig.36 |



| Band | Mode  | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of 99% Power (MHz) |        |
|------|-------|-------------------------|---------|----------|---------|-----------|------------------------------|--------|
| 66   | 64QAM | 1710.7                  | 131979  | 1.4      | 6       | 0         | 1.077                        | Fig.37 |
| 66   | 64QAM | 1755                    | 132422  | 1.4      | 6       | 0         | 1.078                        | Fig.38 |
| 66   | 64QAM | 1779.3                  | 132665  | 1.4      | 6       | 0         | 1.078                        | Fig.39 |
| 66   | 64QAM | 1711.5                  | 131987  | 3        | 15      | 0         | 2.681                        | Fig.40 |
| 66   | 64QAM | 1755                    | 132422  | 3        | 15      | 0         | 2.684                        | Fig.41 |
| 66   | 64QAM | 1778.5                  | 132657  | 3        | 15      | 0         | 2.680                        | Fig.42 |
| 66   | 64QAM | 1712.5                  | 131997  | 5        | 25      | 0         | 4.475                        | Fig.43 |
| 66   | 64QAM | 1755                    | 132422  | 5        | 25      | 0         | 4.458                        | Fig.44 |
| 66   | 64QAM | 1777.5                  | 132647  | 5        | 25      | 0         | 4.448                        | Fig.45 |
| 66   | 64QAM | 1715                    | 132022  | 10       | 50      | 0         | 8.935                        | Fig.46 |
| 66   | 64QAM | 1755                    | 132422  | 10       | 50      | 0         | 8.885                        | Fig.47 |
| 66   | 64QAM | 1775                    | 132622  | 10       | 50      | 0         | 8.891                        | Fig.48 |
| 66   | 64QAM | 1717.5                  | 132047  | 15       | 75      | 0         | 13.391                       | Fig.49 |
| 66   | 64QAM | 1755                    | 132422  | 15       | 75      | 0         | 13.345                       | Fig.50 |
| 66   | 64QAM | 1772.5                  | 132597  | 15       | 75      | 0         | 13.361                       | Fig.51 |
| 66   | 64QAM | 1720                    | 132072  | 20       | 100     | 0         | 17.788                       | Fig.52 |
| 66   | 64QAM | 1755                    | 132422  | 20       | 100     | 0         | 17.714                       | Fig.53 |
| 66   | 64QAM | 1770                    | 132572  | 20       | 100     | 0         | 17.845                       | Fig.54 |

Test Mode: QPSK



Fig.1

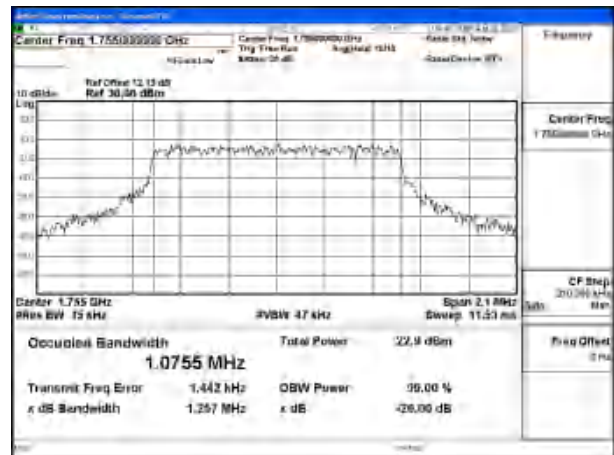


Fig.2



Fig.3

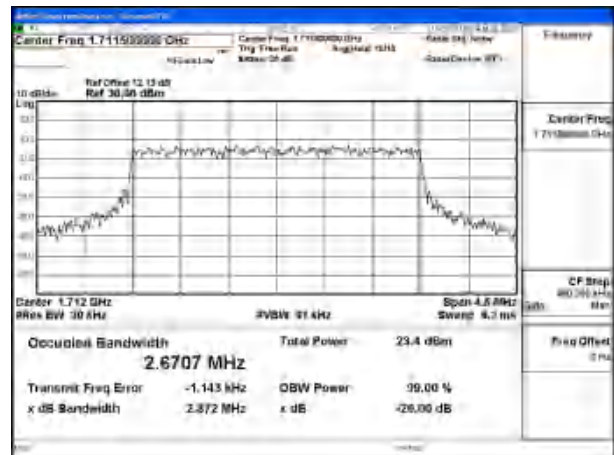


Fig.4

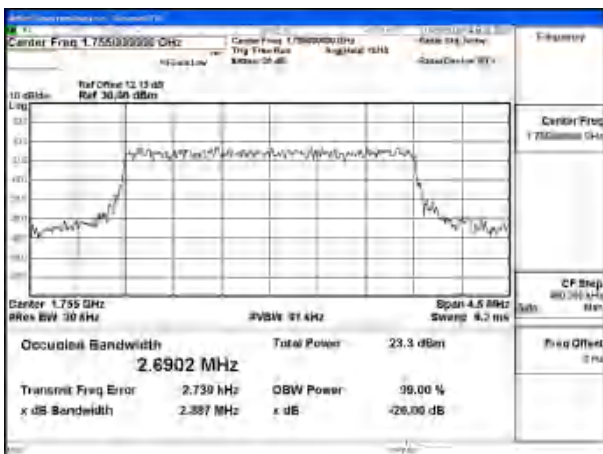


Fig.5

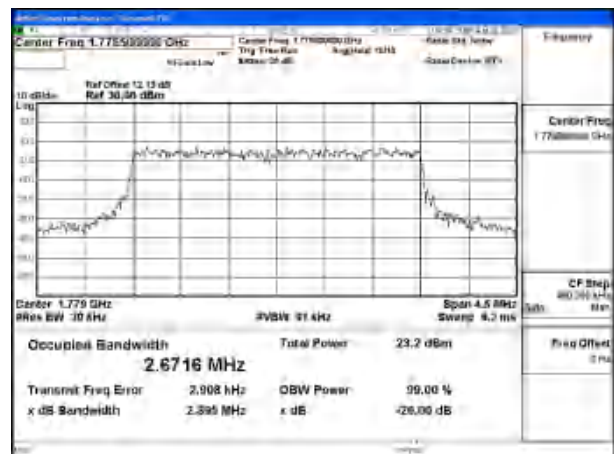


Fig.6

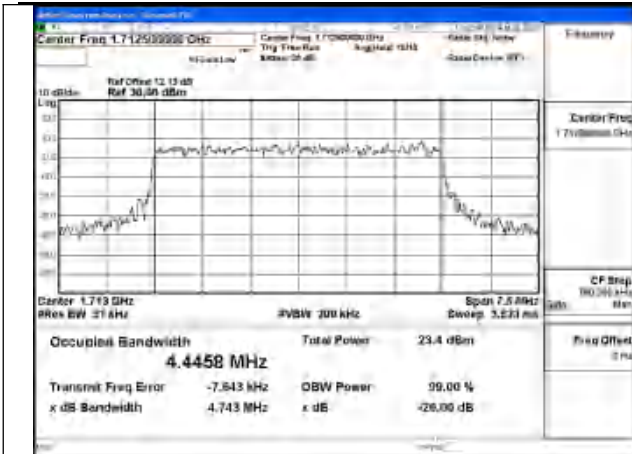


Fig.7

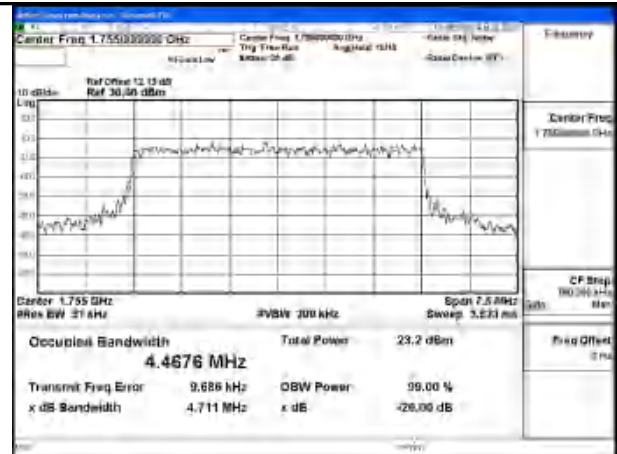


Fig.8

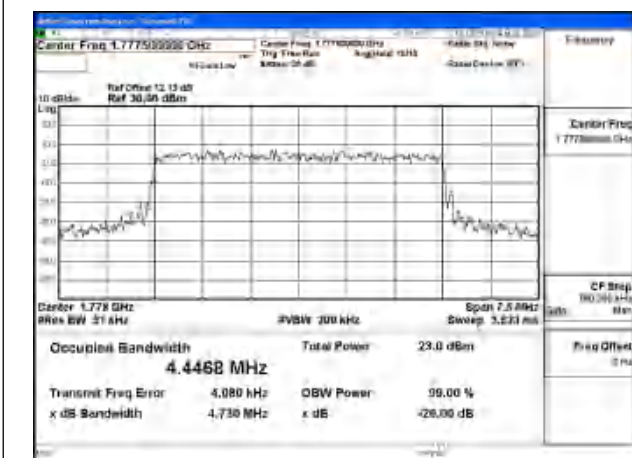


Fig.9

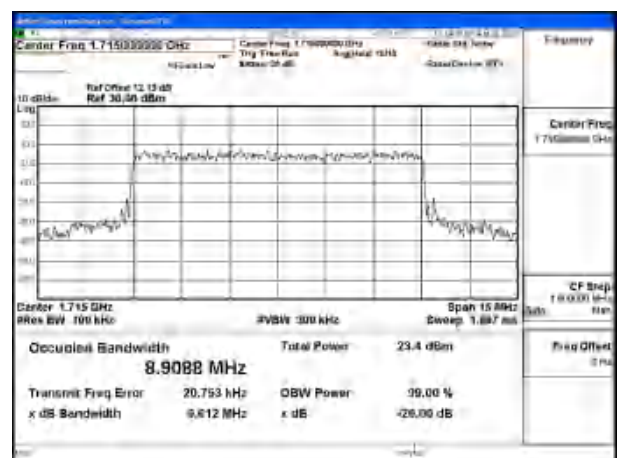


Fig.10

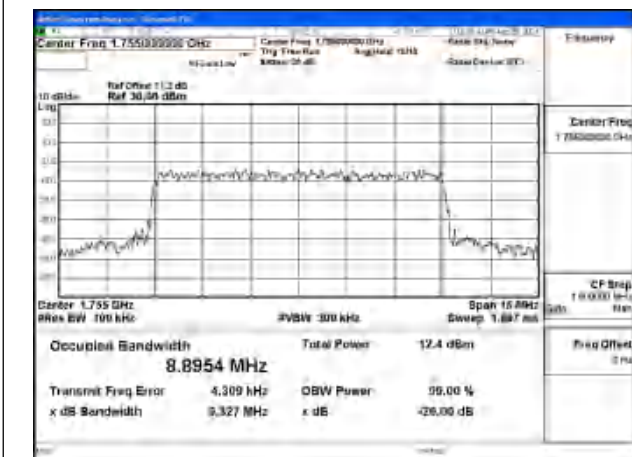


Fig.11

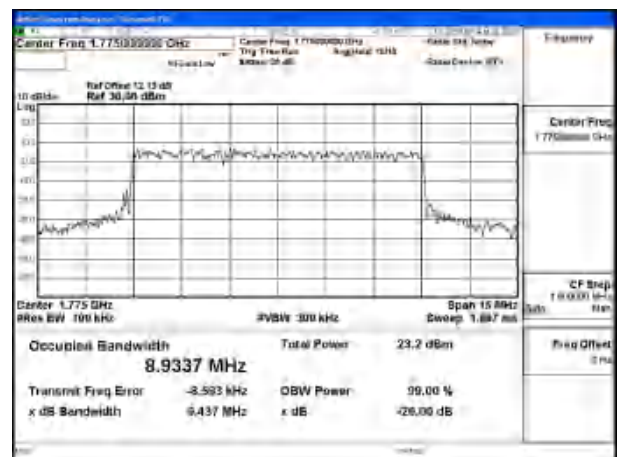


Fig.12

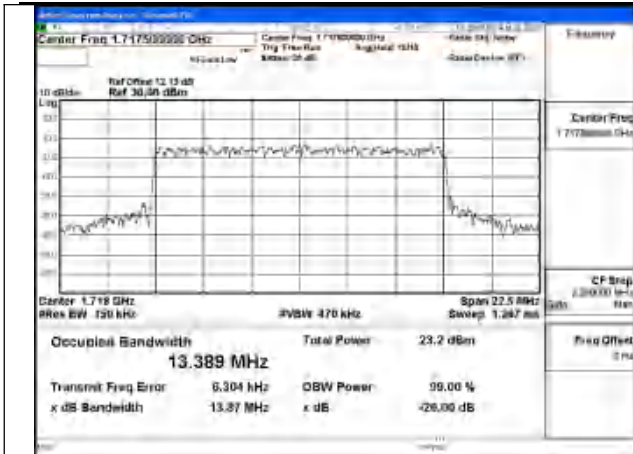


Fig.13

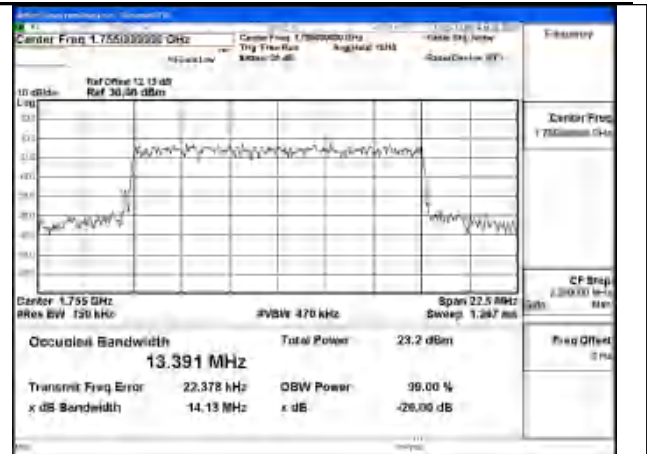


Fig.14



Fig.15

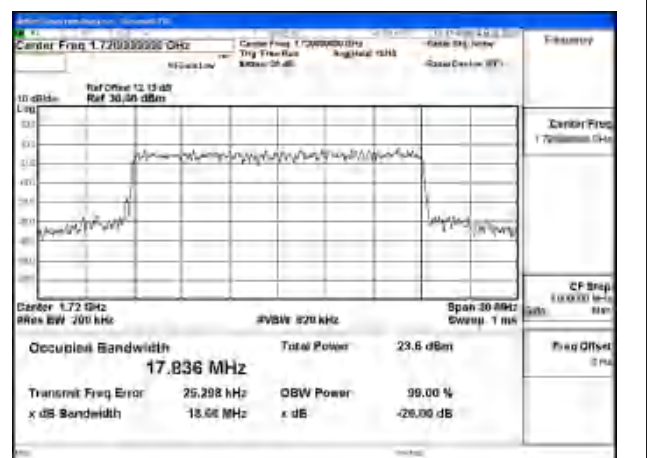


Fig.16



Fig.17

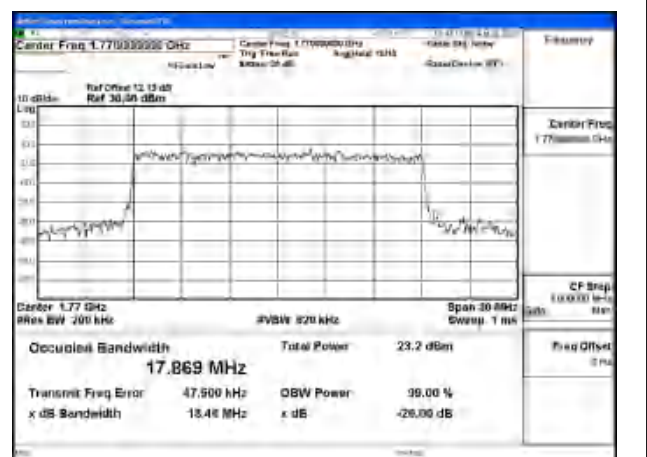


Fig.18

Test Mode: 16QAM



Fig.19



Fig.20



Fig.21

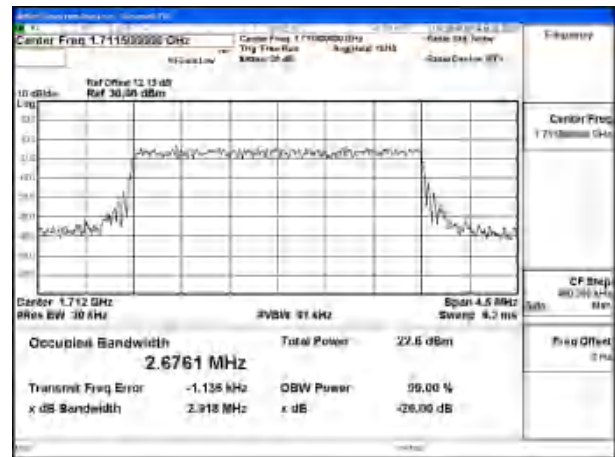


Fig.22

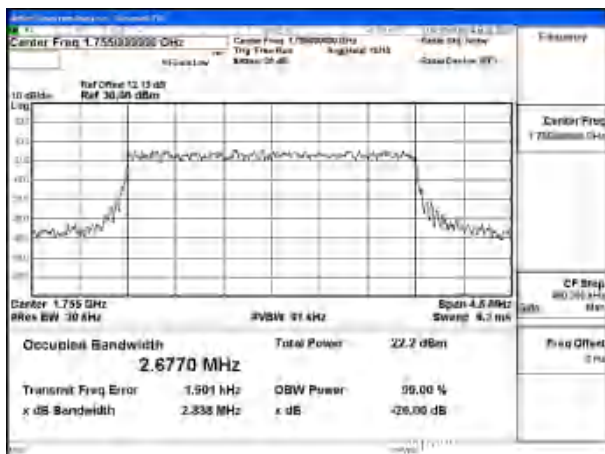


Fig.23

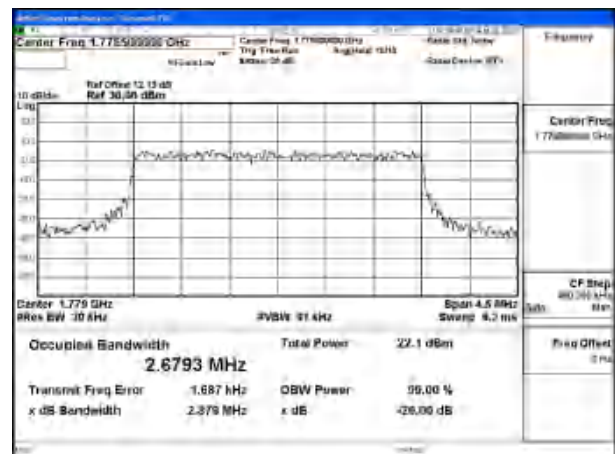


Fig.24

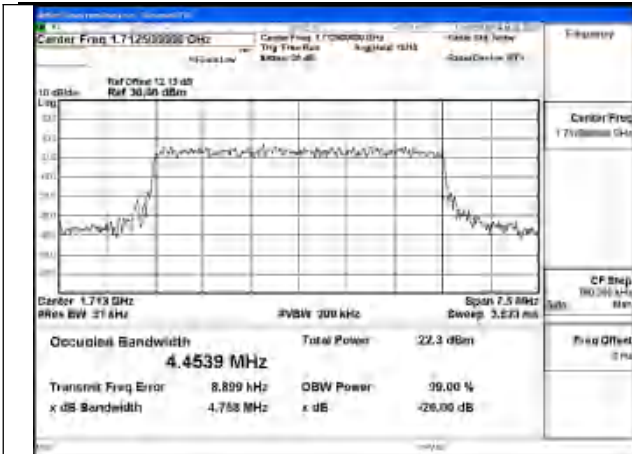


Fig.25

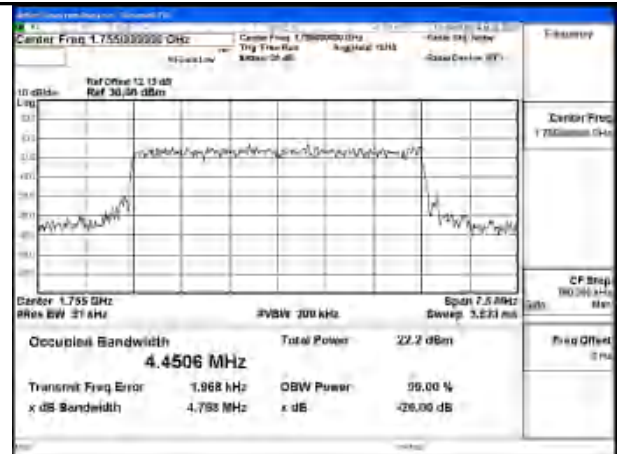


Fig.26

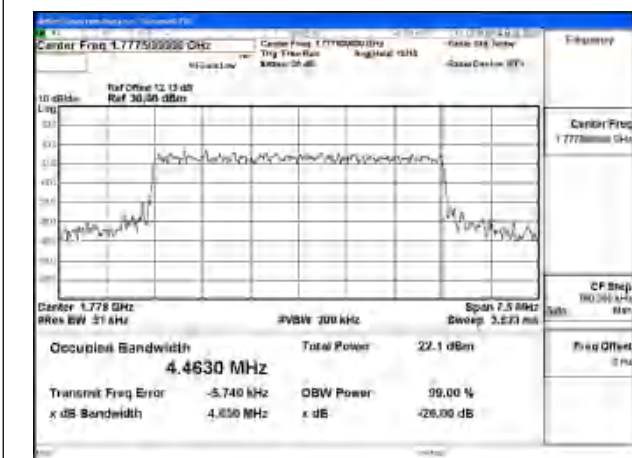


Fig.27

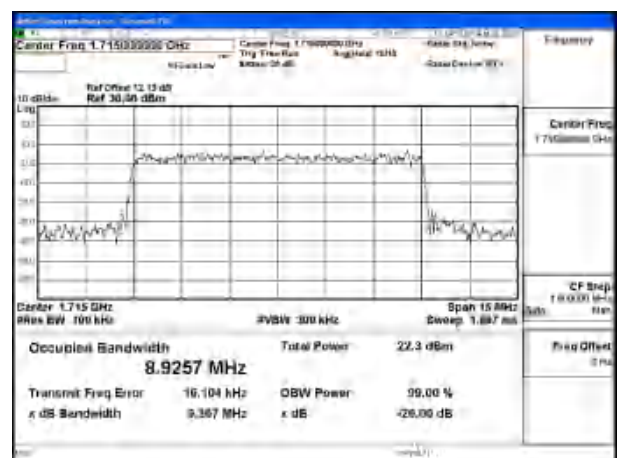


Fig.28

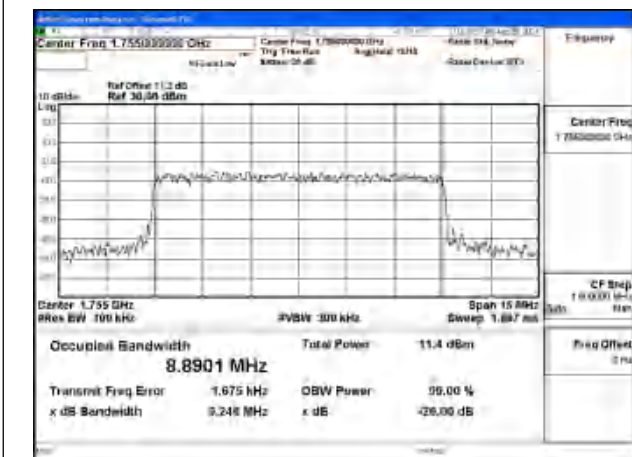


Fig.29

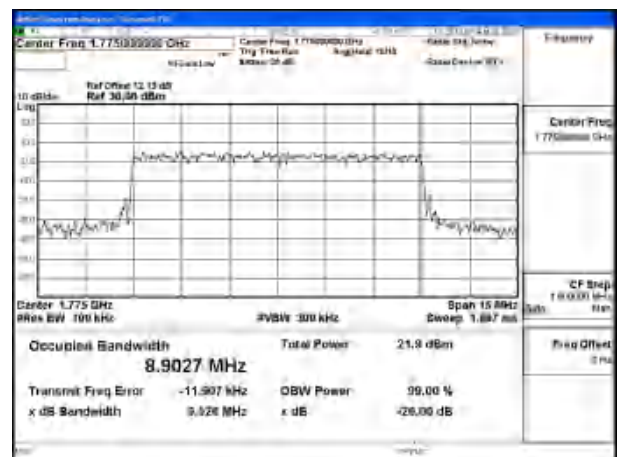


Fig.30

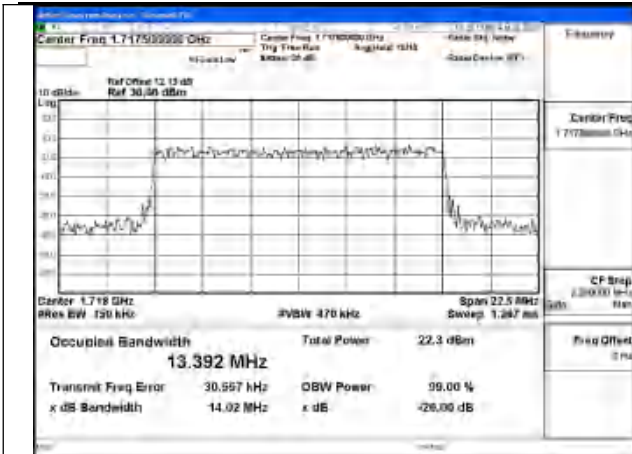


Fig.31

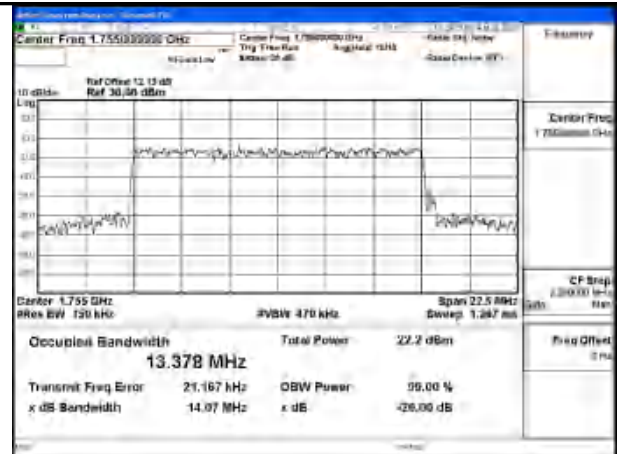


Fig.32

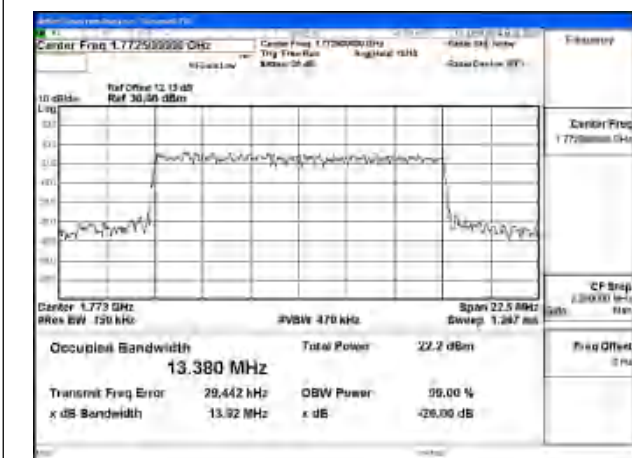


Fig.33

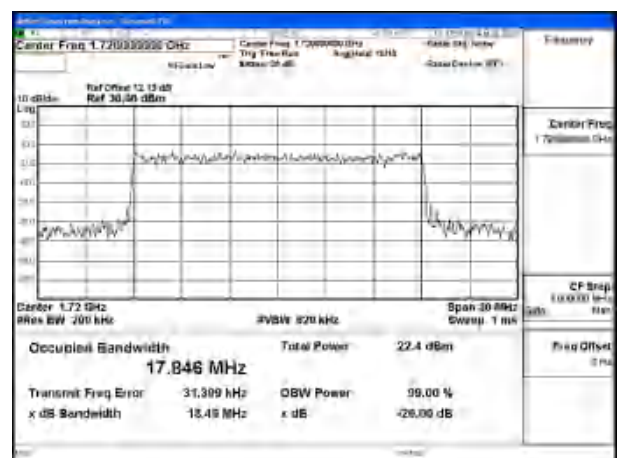


Fig.34

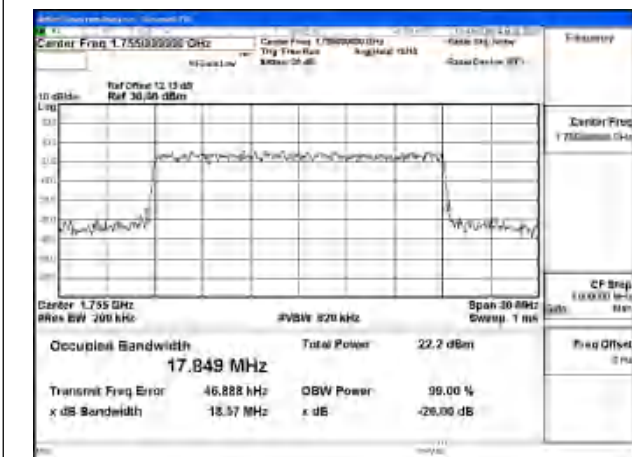


Fig.35

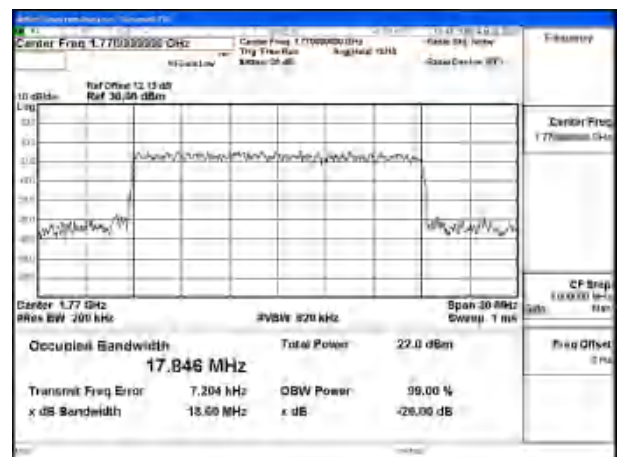


Fig.36

Test Mode: 64QAM



Fig.37

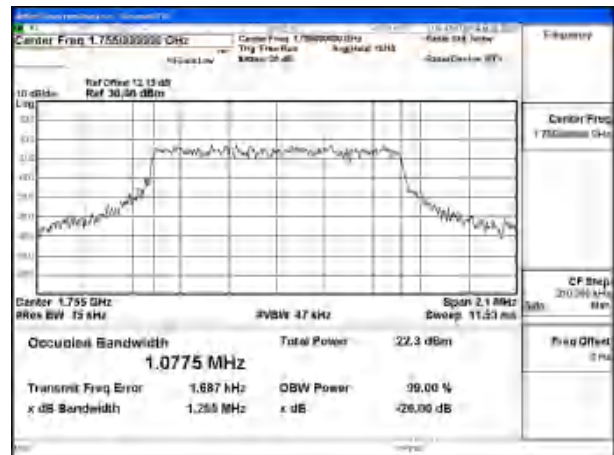


Fig.38

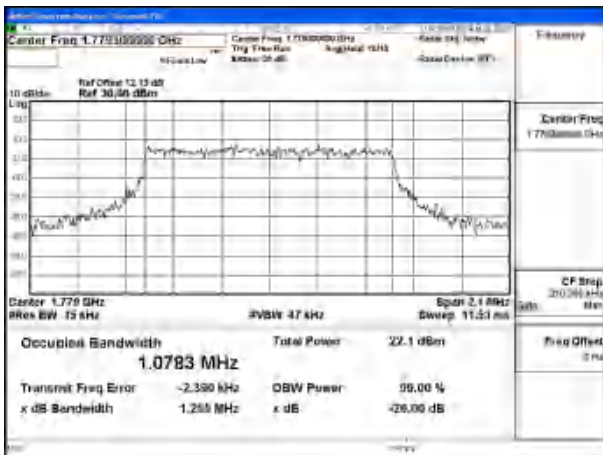


Fig.39

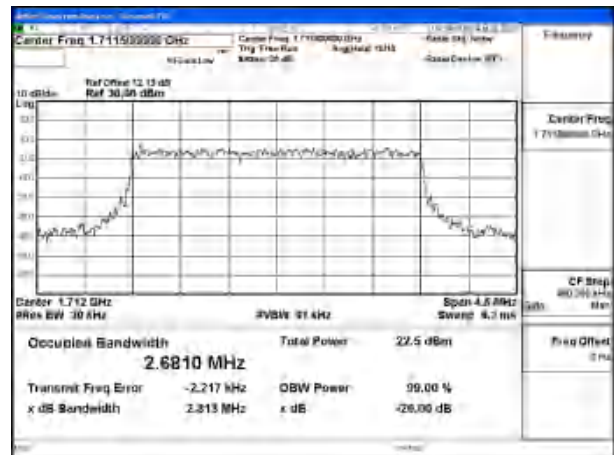


Fig.40

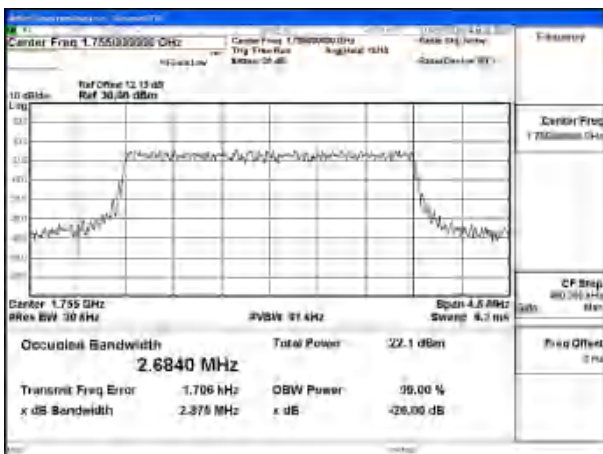


Fig.41

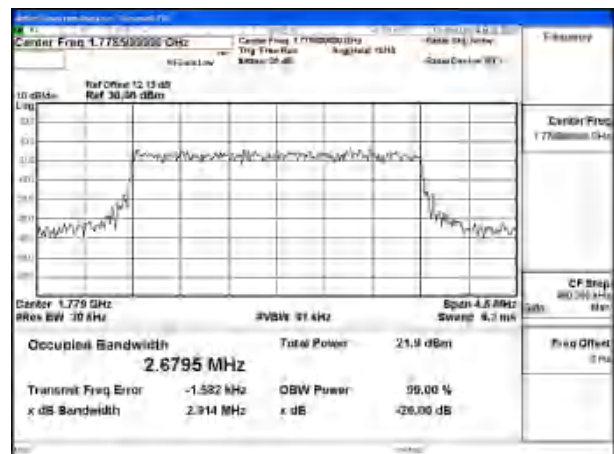


Fig.42

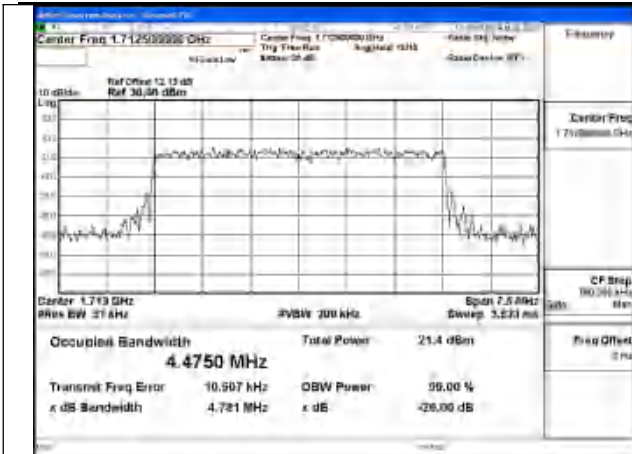


Fig.43

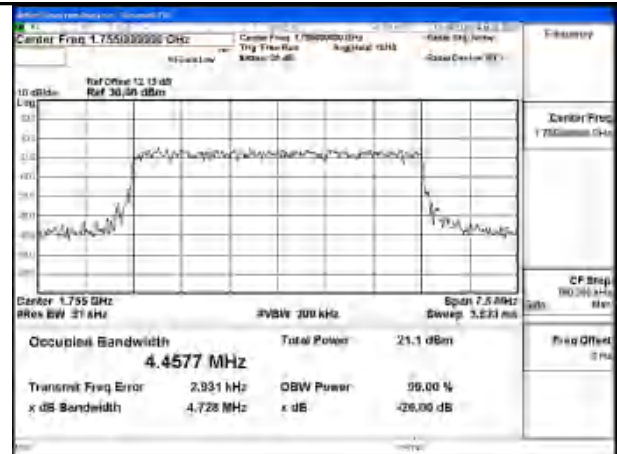


Fig.44

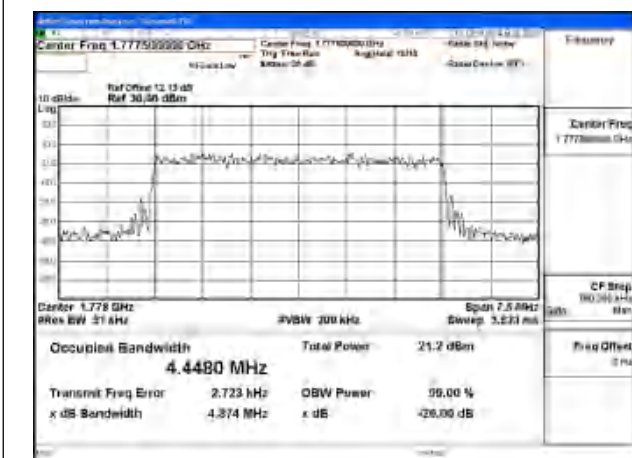


Fig.45

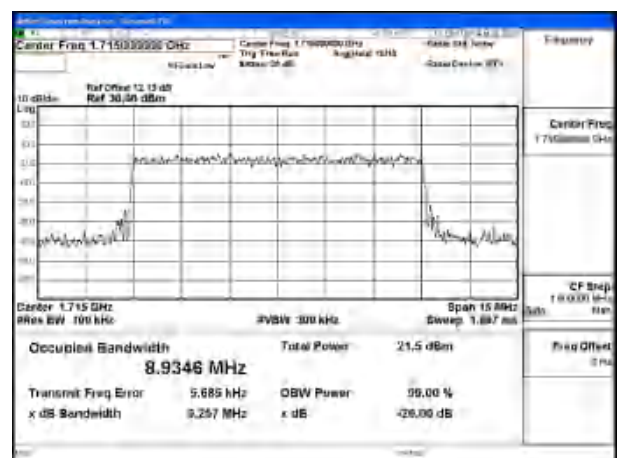


Fig.46

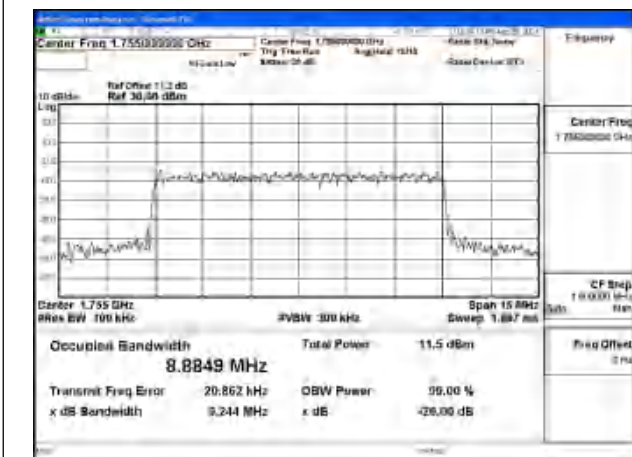


Fig.47

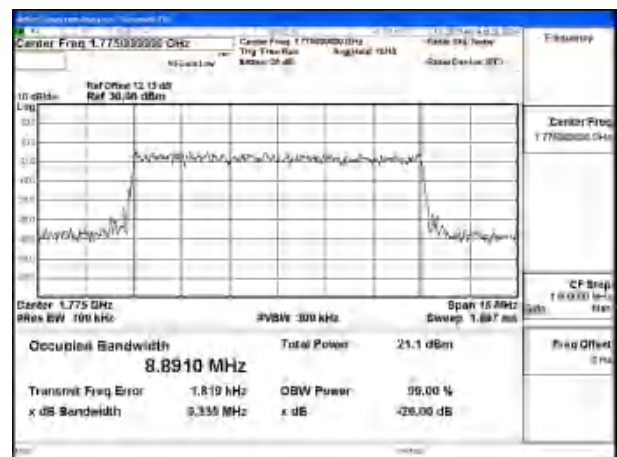


Fig.48

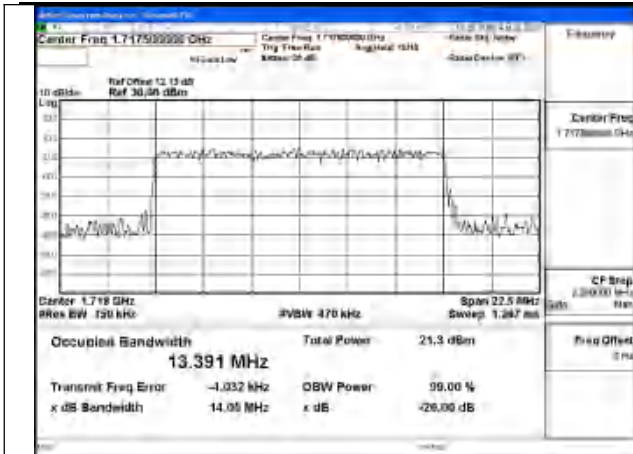


Fig.49

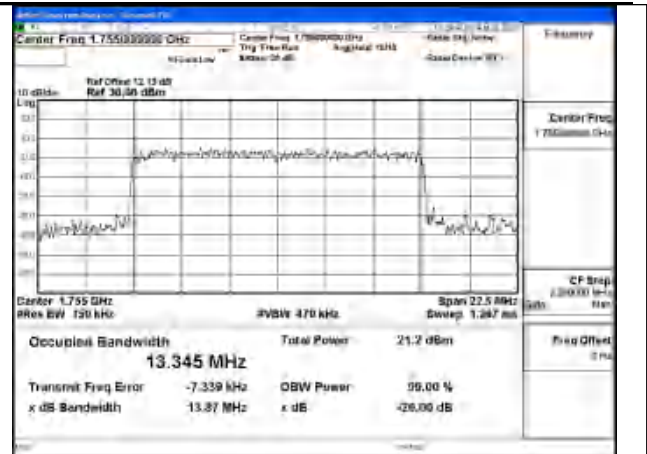


Fig.50



Fig.51

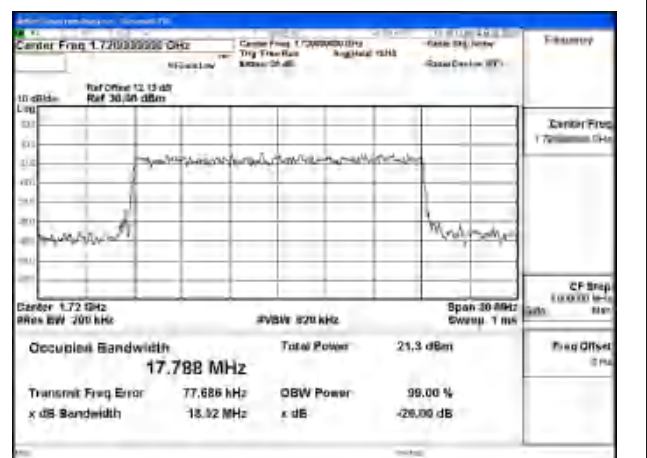


Fig.52

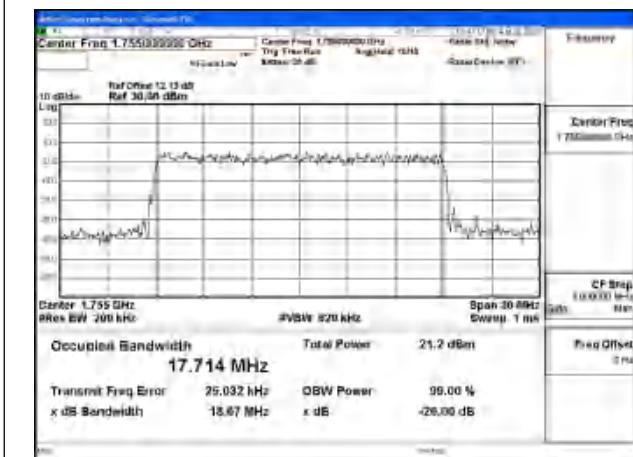


Fig.53

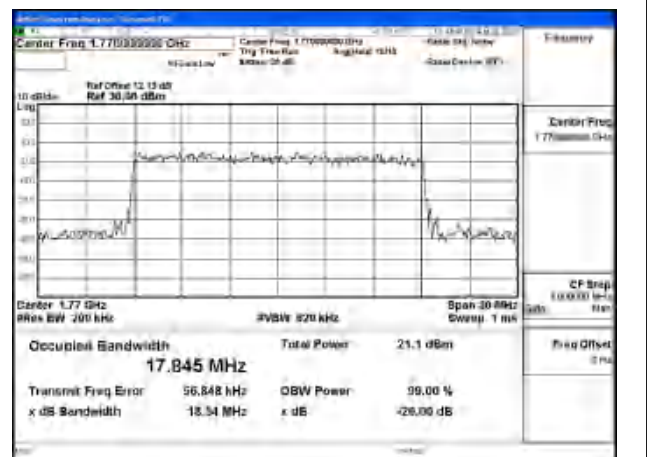


Fig.54



### 3 Emission Bandwidth

| Band | Mode | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of -26dB transmitter power (MHz) |        |
|------|------|-------------------------|---------|----------|---------|-----------|--------------------------------------------|--------|
| 66   | QPSK | 1710.7                  | 131979  | 1.4      | 6       | 0         | 1.296                                      | Fig.1  |
| 66   | QPSK | 1755                    | 132422  | 1.4      | 6       | 0         | 1.257                                      | Fig.2  |
| 66   | QPSK | 1779.3                  | 132665  | 1.4      | 6       | 0         | 1.243                                      | Fig.3  |
| 66   | QPSK | 1711.5                  | 131987  | 3        | 15      | 0         | 2.872                                      | Fig.4  |
| 66   | QPSK | 1755                    | 132422  | 3        | 15      | 0         | 2.887                                      | Fig.5  |
| 66   | QPSK | 1778.5                  | 132657  | 3        | 15      | 0         | 2.895                                      | Fig.6  |
| 66   | QPSK | 1712.5                  | 131997  | 5        | 25      | 0         | 4.743                                      | Fig.7  |
| 66   | QPSK | 1755                    | 132422  | 5        | 25      | 0         | 4.711                                      | Fig.8  |
| 66   | QPSK | 1777.5                  | 132647  | 5        | 25      | 0         | 4.730                                      | Fig.9  |
| 66   | QPSK | 1715                    | 132022  | 10       | 50      | 0         | 9.612                                      | Fig.10 |
| 66   | QPSK | 1755                    | 132422  | 10       | 50      | 0         | 9.327                                      | Fig.11 |
| 66   | QPSK | 1775                    | 132622  | 10       | 50      | 0         | 9.437                                      | Fig.12 |
| 66   | QPSK | 1717.5                  | 132047  | 15       | 75      | 0         | 13.874                                     | Fig.13 |
| 66   | QPSK | 1755                    | 132422  | 15       | 75      | 0         | 14.126                                     | Fig.14 |
| 66   | QPSK | 1772.5                  | 132597  | 15       | 75      | 0         | 13.834                                     | Fig.15 |
| 66   | QPSK | 1720                    | 132072  | 20       | 100     | 0         | 18.658                                     | Fig.16 |
| 66   | QPSK | 1755                    | 132422  | 20       | 100     | 0         | 18.495                                     | Fig.17 |
| 66   | QPSK | 1770                    | 132572  | 20       | 100     | 0         | 18.464                                     | Fig.18 |

| Band | Mode  | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of -26dB transmitter power (MHz) |        |
|------|-------|-------------------------|---------|----------|---------|-----------|--------------------------------------------|--------|
| 66   | 16QAM | 1710.7                  | 131979  | 1.4      | 6       | 0         | 1.232                                      | Fig.19 |
| 66   | 16QAM | 1755                    | 132422  | 1.4      | 6       | 0         | 1.269                                      | Fig.20 |
| 66   | 16QAM | 1779.3                  | 132665  | 1.4      | 6       | 0         | 1.303                                      | Fig.21 |
| 66   | 16QAM | 1711.5                  | 131987  | 3        | 15      | 0         | 2.918                                      | Fig.22 |
| 66   | 16QAM | 1755                    | 132422  | 3        | 15      | 0         | 2.838                                      | Fig.23 |
| 66   | 16QAM | 1778.5                  | 132657  | 3        | 15      | 0         | 2.879                                      | Fig.24 |
| 66   | 16QAM | 1712.5                  | 131997  | 5        | 25      | 0         | 4.758                                      | Fig.25 |
| 66   | 16QAM | 1755                    | 132422  | 5        | 25      | 0         | 4.798                                      | Fig.26 |
| 66   | 16QAM | 1777.5                  | 132647  | 5        | 25      | 0         | 4.650                                      | Fig.27 |
| 66   | 16QAM | 1715                    | 132022  | 10       | 50      | 0         | 9.367                                      | Fig.28 |
| 66   | 16QAM | 1755                    | 132422  | 10       | 50      | 0         | 9.246                                      | Fig.29 |
| 66   | 16QAM | 1775                    | 132622  | 10       | 50      | 0         | 9.526                                      | Fig.30 |
| 66   | 16QAM | 1717.5                  | 132047  | 15       | 75      | 0         | 14.016                                     | Fig.31 |
| 66   | 16QAM | 1755                    | 132422  | 15       | 75      | 0         | 14.067                                     | Fig.32 |
| 66   | 16QAM | 1772.5                  | 132597  | 15       | 75      | 0         | 13.915                                     | Fig.33 |
| 66   | 16QAM | 1720                    | 132072  | 20       | 100     | 0         | 18.494                                     | Fig.34 |
| 66   | 16QAM | 1755                    | 132422  | 20       | 100     | 0         | 18.572                                     | Fig.35 |
| 66   | 16QAM | 1770                    | 132572  | 20       | 100     | 0         | 18.603                                     | Fig.36 |



| Band | Mode  | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of -26dB transmitter power (MHz) |        |
|------|-------|-------------------------|---------|----------|---------|-----------|--------------------------------------------|--------|
| 66   | 64QAM | 1710.7                  | 131979  | 1.4      | 6       | 0         | 1.293                                      | Fig.37 |
| 66   | 64QAM | 1755                    | 132422  | 1.4      | 6       | 0         | 1.255                                      | Fig.38 |
| 66   | 64QAM | 1779.3                  | 132665  | 1.4      | 6       | 0         | 1.255                                      | Fig.39 |
| 66   | 64QAM | 1711.5                  | 131987  | 3        | 15      | 0         | 2.813                                      | Fig.40 |
| 66   | 64QAM | 1755                    | 132422  | 3        | 15      | 0         | 2.875                                      | Fig.41 |
| 66   | 64QAM | 1778.5                  | 132657  | 3        | 15      | 0         | 2.914                                      | Fig.42 |
| 66   | 64QAM | 1712.5                  | 131997  | 5        | 25      | 0         | 4.781                                      | Fig.43 |
| 66   | 64QAM | 1755                    | 132422  | 5        | 25      | 0         | 4.728                                      | Fig.44 |
| 66   | 64QAM | 1777.5                  | 132647  | 5        | 25      | 0         | 4.874                                      | Fig.45 |
| 66   | 64QAM | 1715                    | 132022  | 10       | 50      | 0         | 9.257                                      | Fig.46 |
| 66   | 64QAM | 1755                    | 132422  | 10       | 50      | 0         | 9.244                                      | Fig.47 |
| 66   | 64QAM | 1775                    | 132622  | 10       | 50      | 0         | 9.335                                      | Fig.48 |
| 66   | 64QAM | 1717.5                  | 132047  | 15       | 75      | 0         | 14.053                                     | Fig.49 |
| 66   | 64QAM | 1755                    | 132422  | 15       | 75      | 0         | 13.871                                     | Fig.50 |
| 66   | 64QAM | 1772.5                  | 132597  | 15       | 75      | 0         | 13.870                                     | Fig.51 |
| 66   | 64QAM | 1720                    | 132072  | 20       | 100     | 0         | 18.518                                     | Fig.52 |
| 66   | 64QAM | 1755                    | 132422  | 20       | 100     | 0         | 18.674                                     | Fig.53 |
| 66   | 64QAM | 1770                    | 132572  | 20       | 100     | 0         | 18.539                                     | Fig.54 |

Test Mode: QPSK



Fig.1

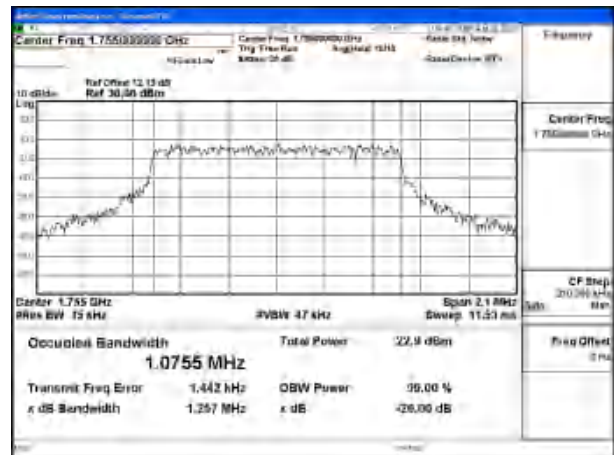


Fig.2



Fig.3

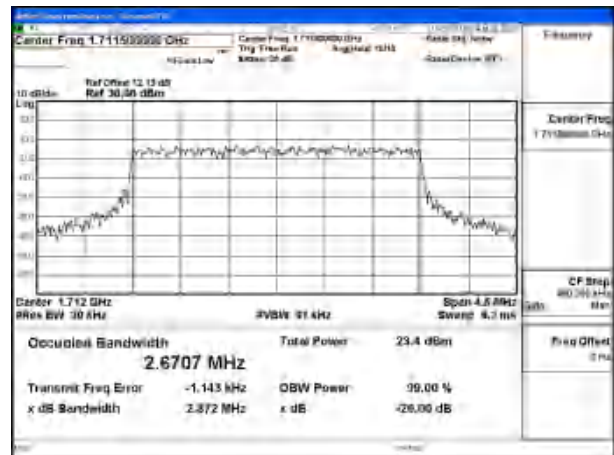


Fig.4

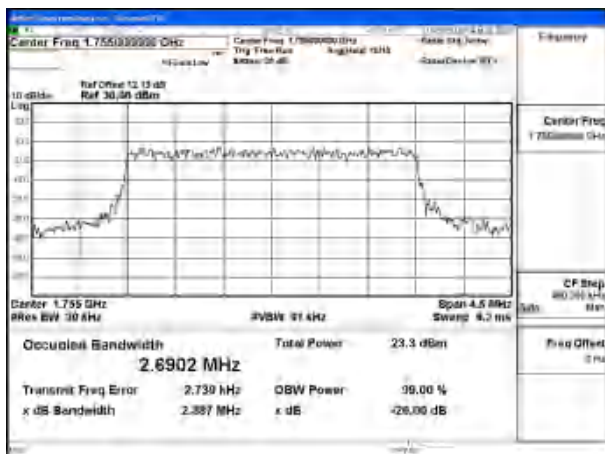


Fig.5

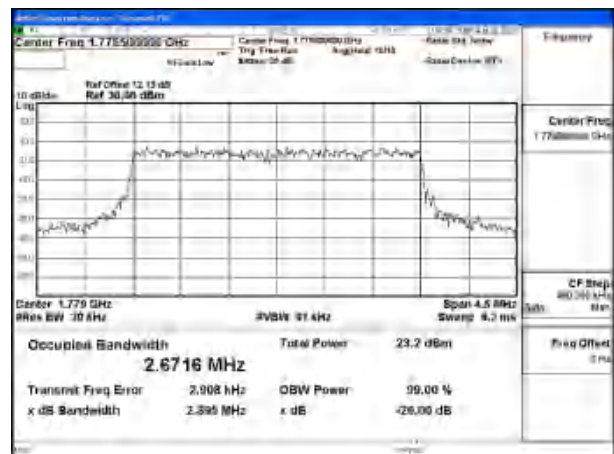


Fig.6

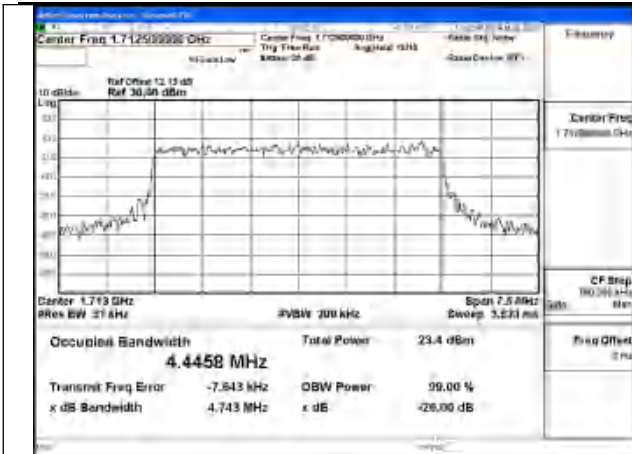


Fig.7

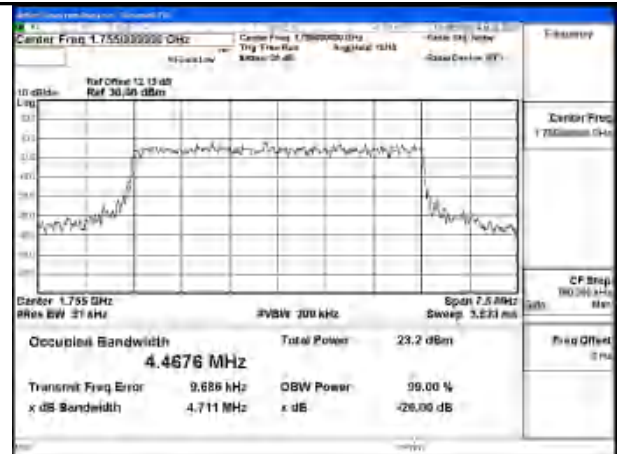


Fig.8

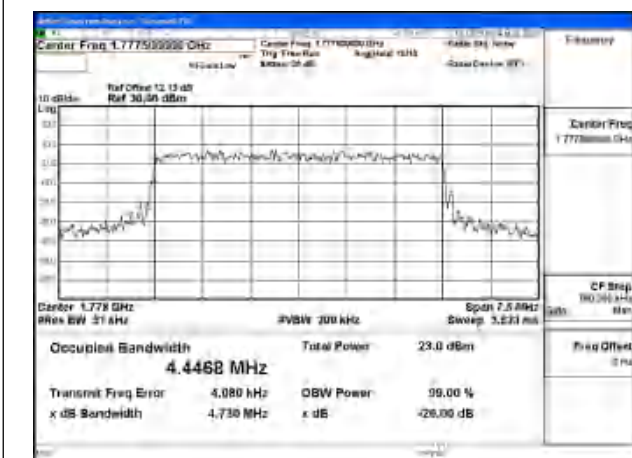


Fig.9

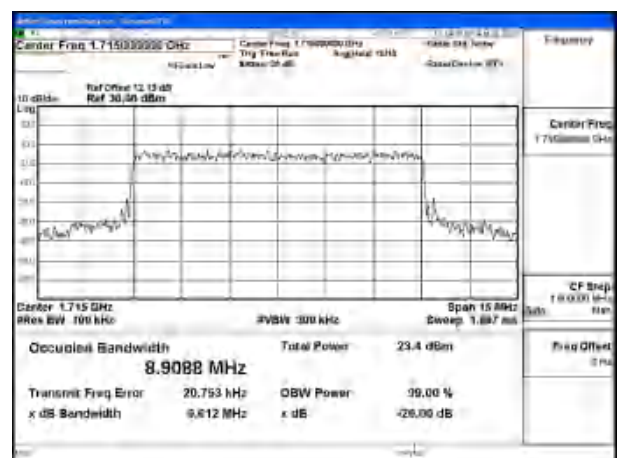


Fig.10

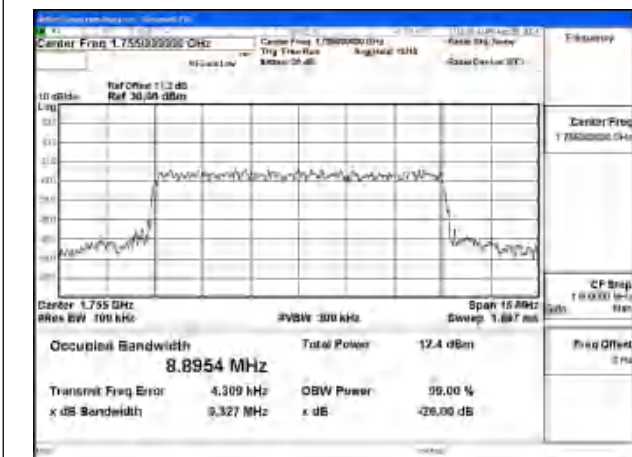


Fig.11

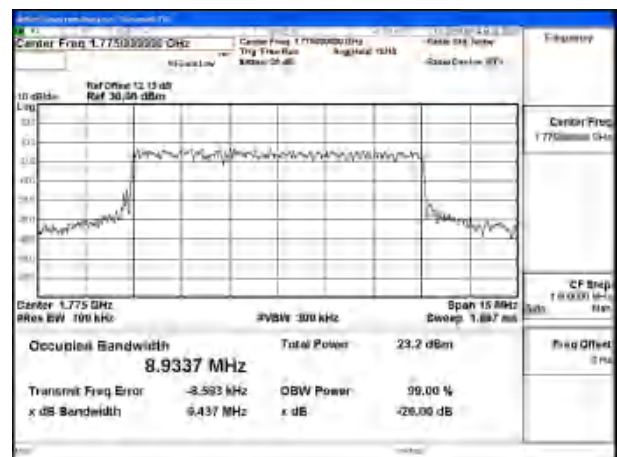


Fig.12

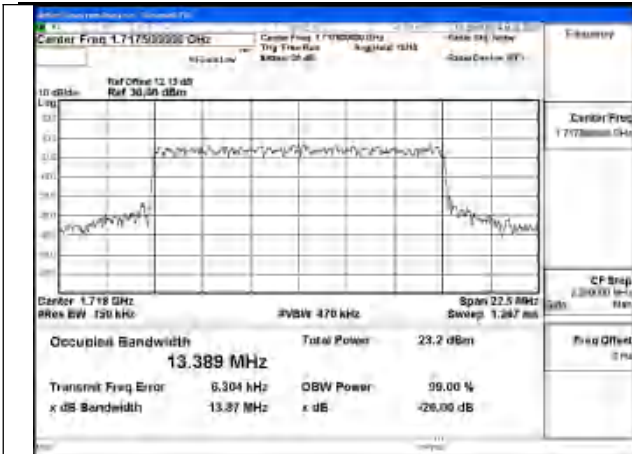


Fig.13

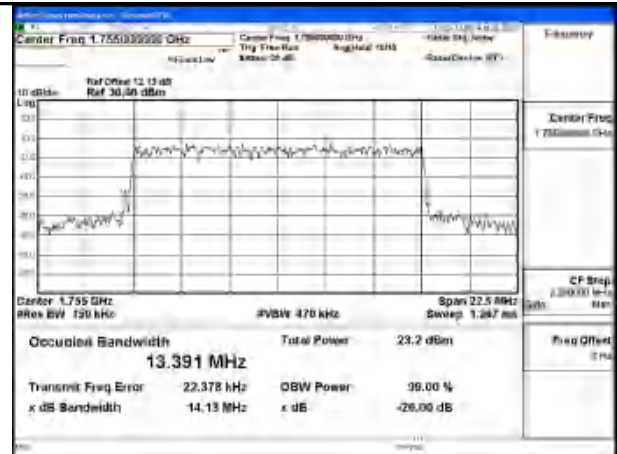


Fig.14



Fig.15

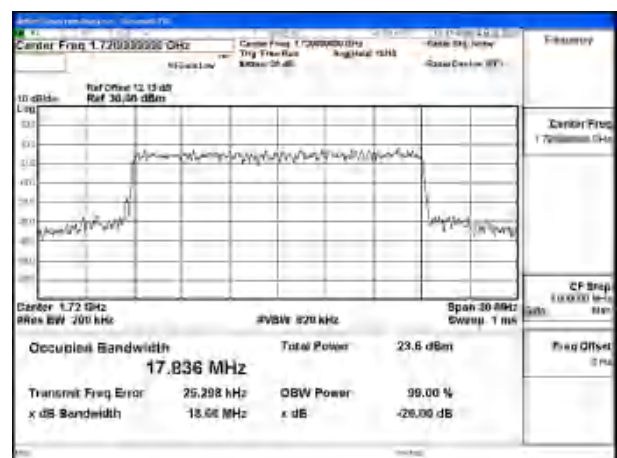


Fig.16

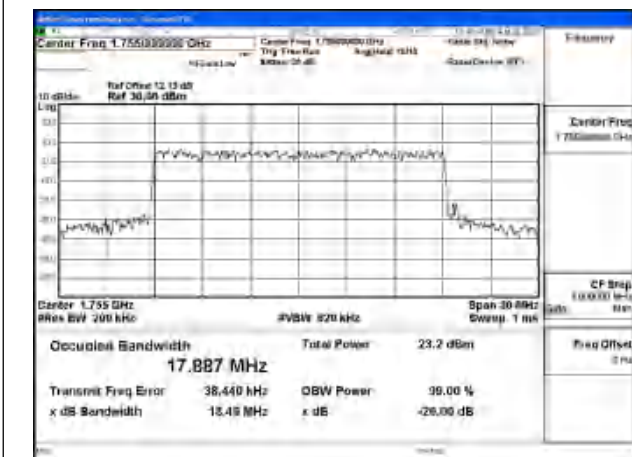


Fig.17

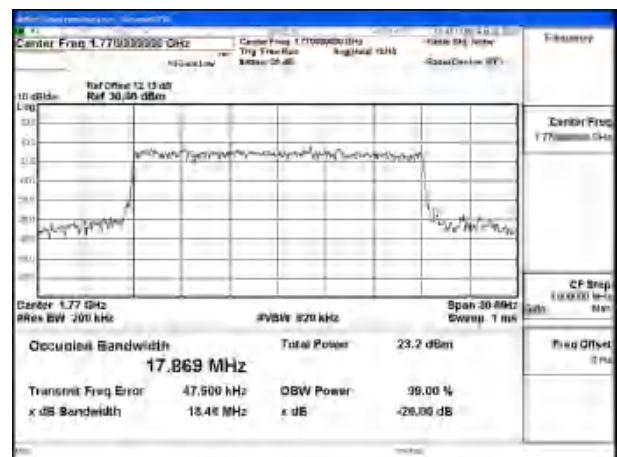


Fig.18

Test Mode: 16QAM



Fig.19



Fig.20



Fig.21

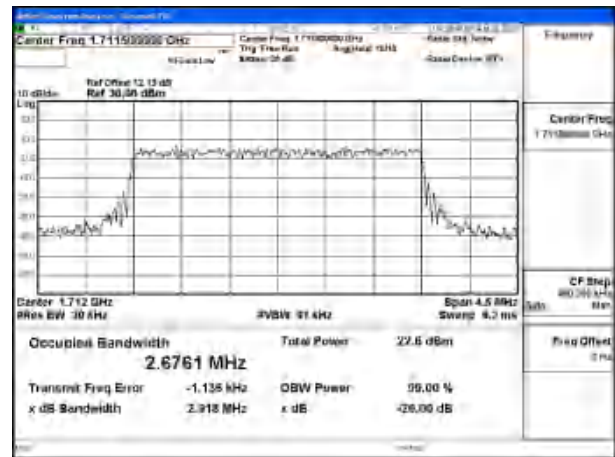


Fig.22

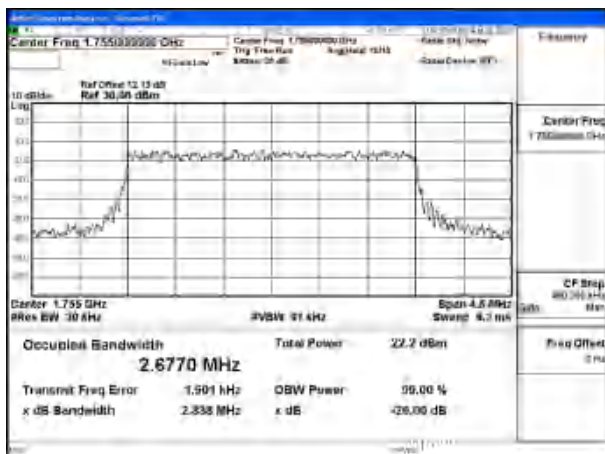


Fig.23

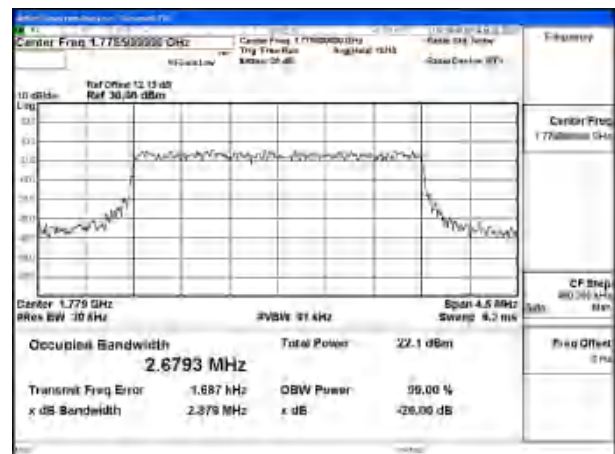


Fig.24

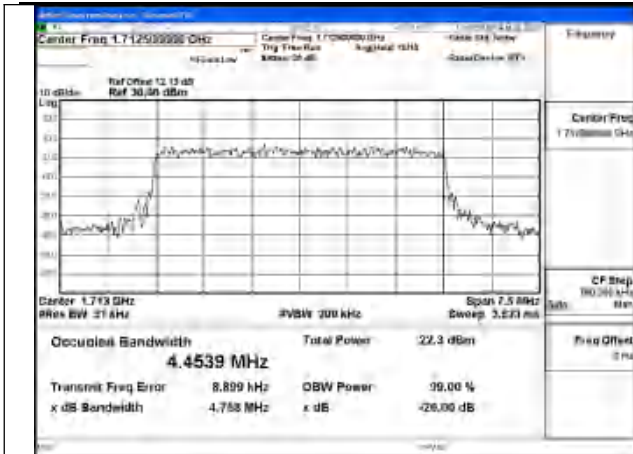


Fig.25

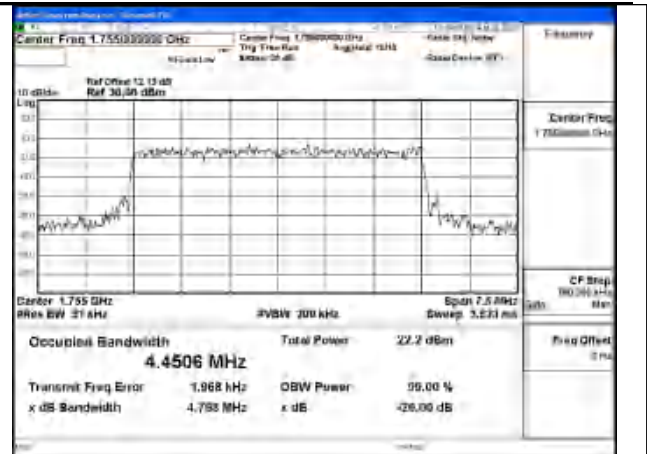


Fig.26



Fig.27

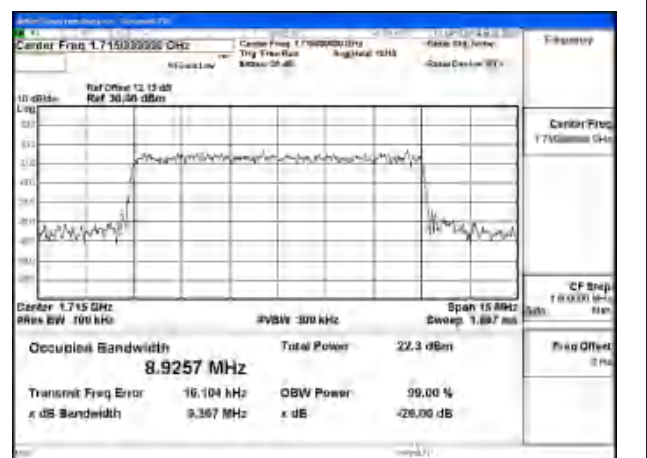


Fig.28

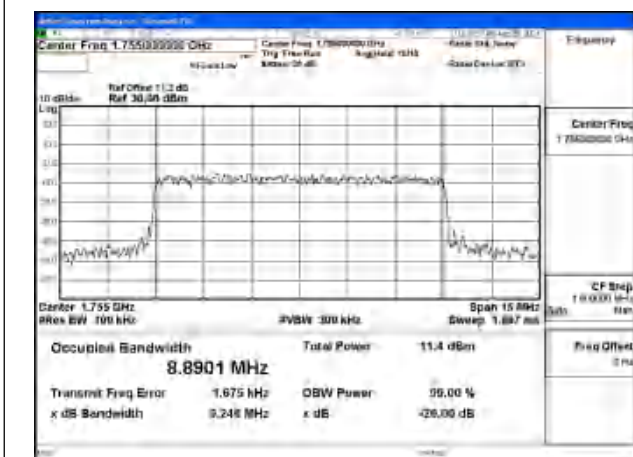


Fig.29

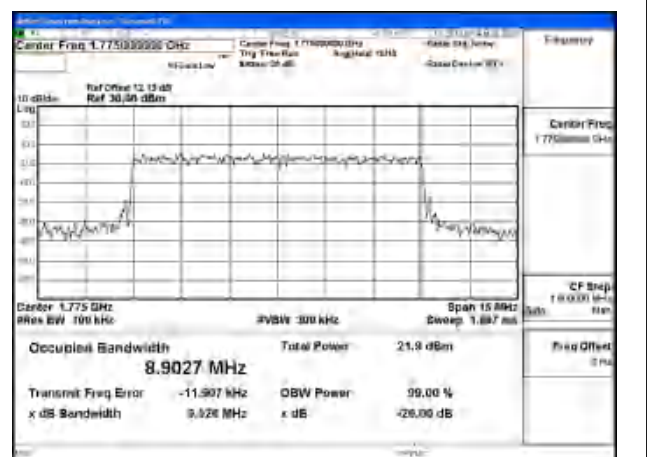


Fig.30

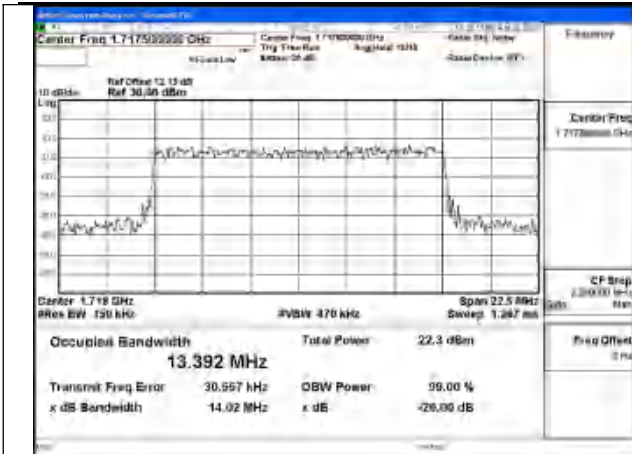


Fig.31

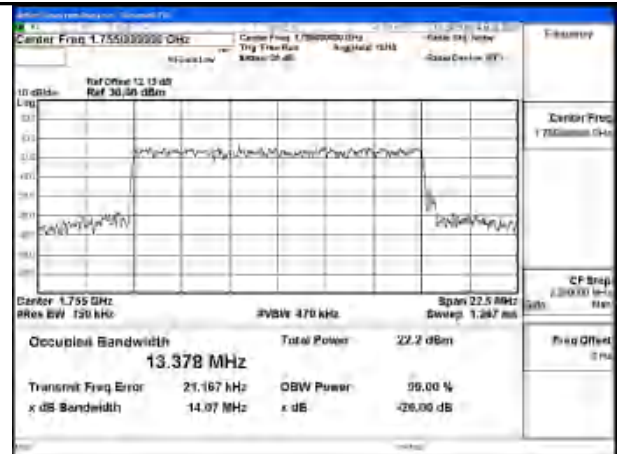


Fig.32

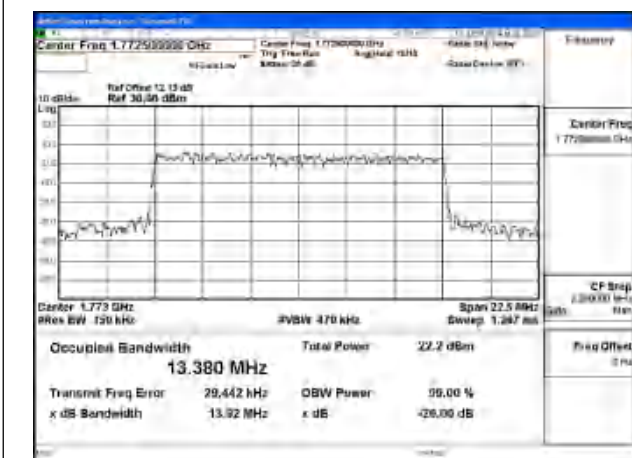


Fig.33

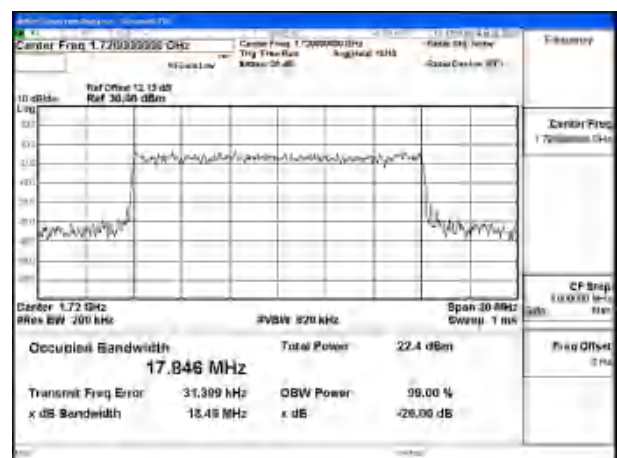


Fig.34

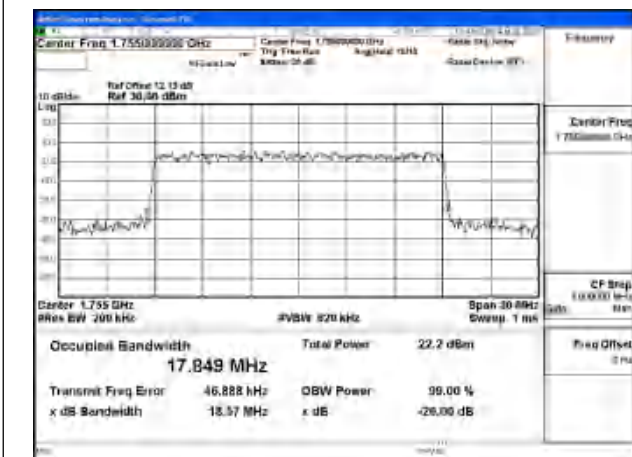


Fig.35

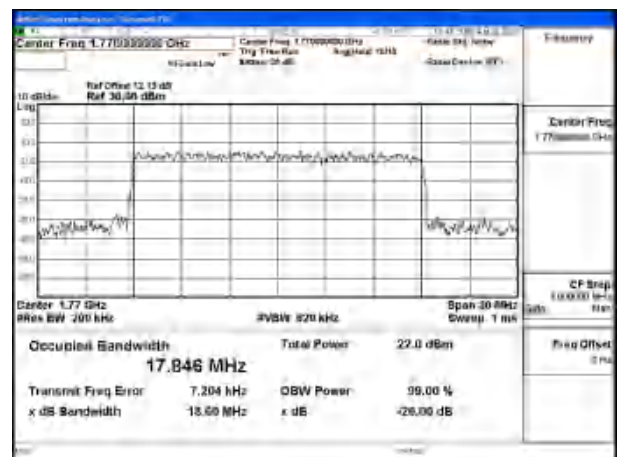


Fig.36

Test Mode: 64QAM



Fig.37

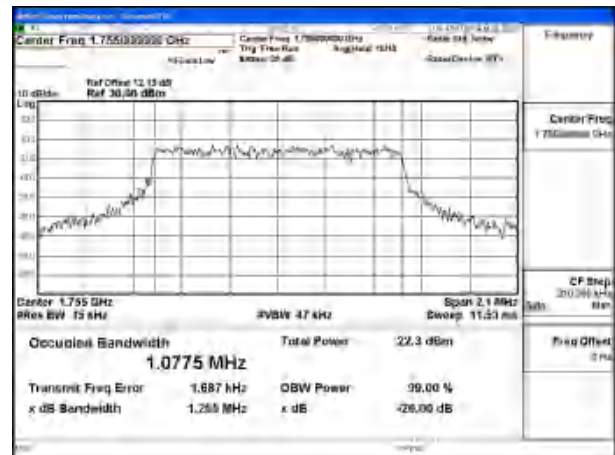


Fig.38

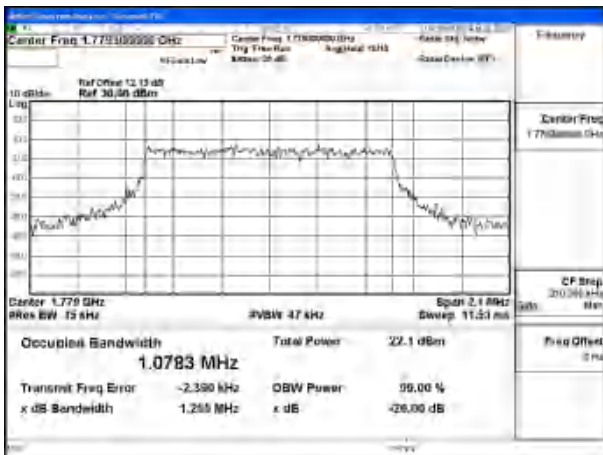


Fig.39

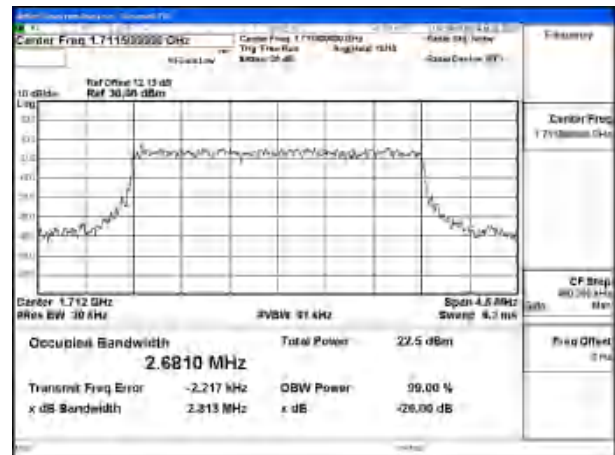


Fig.40

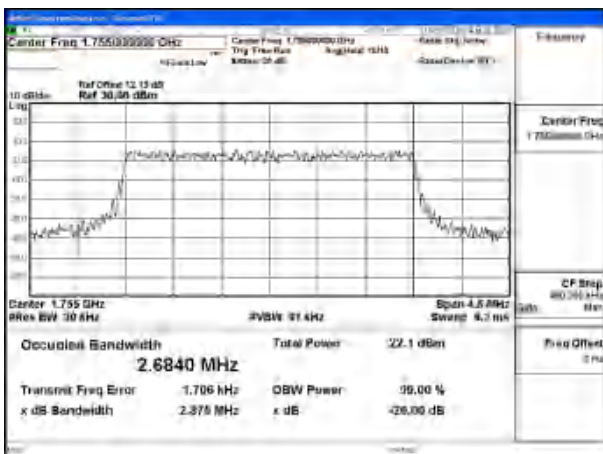


Fig.41

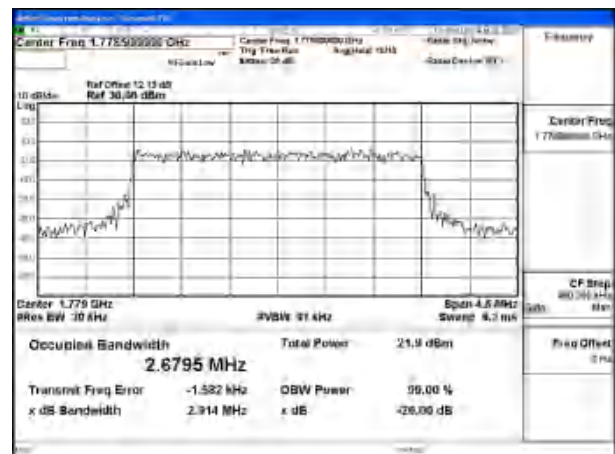


Fig.42

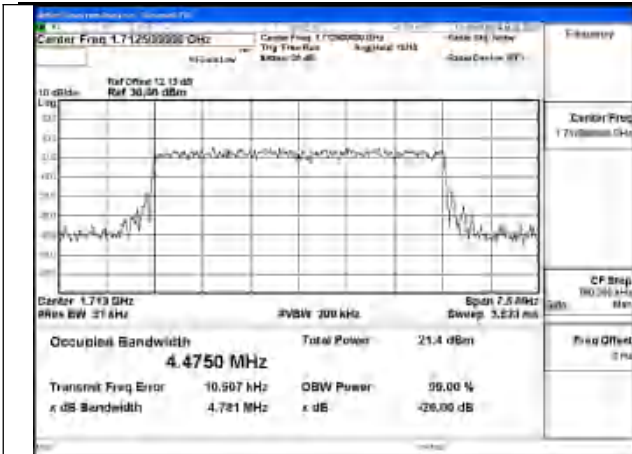


Fig.43

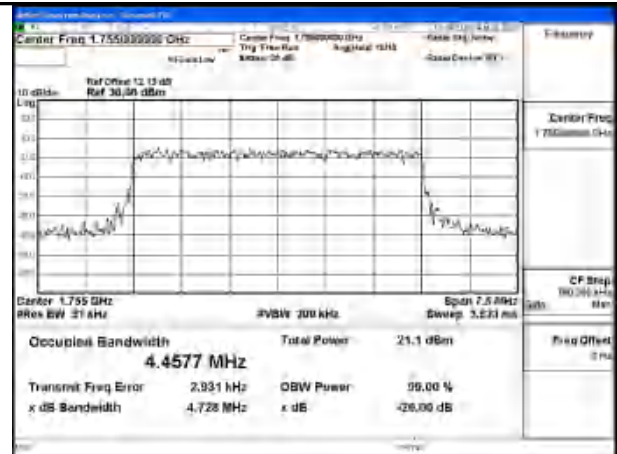


Fig.44

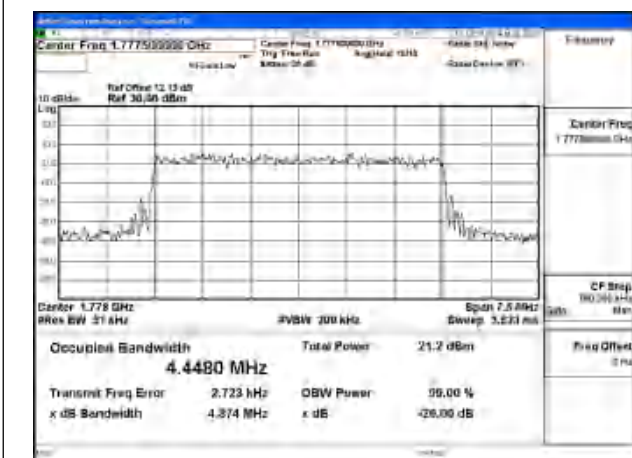


Fig.45

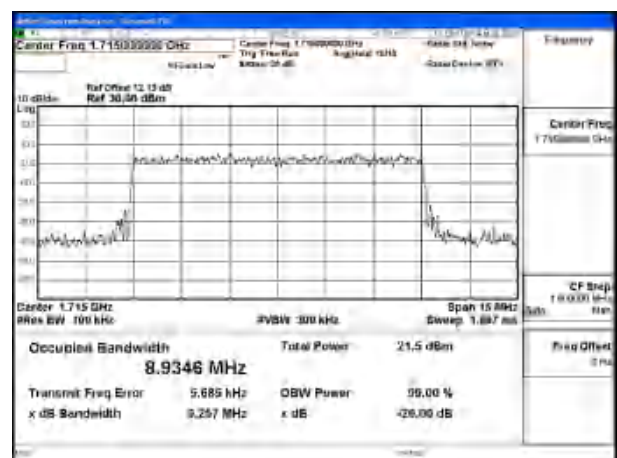


Fig.46

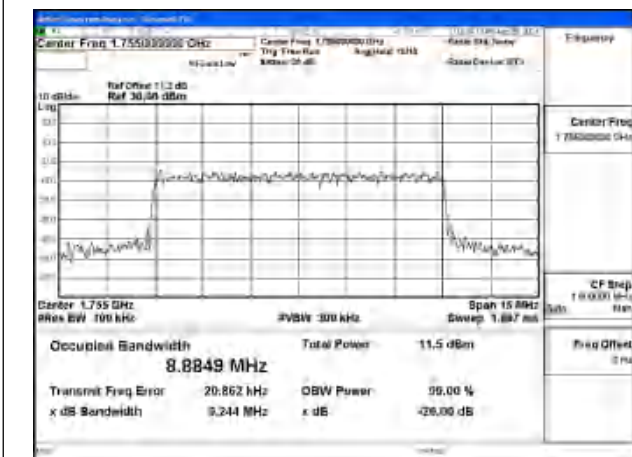


Fig.47

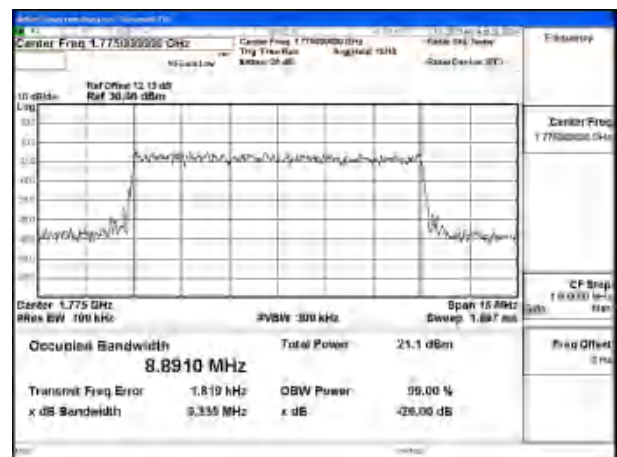


Fig.48

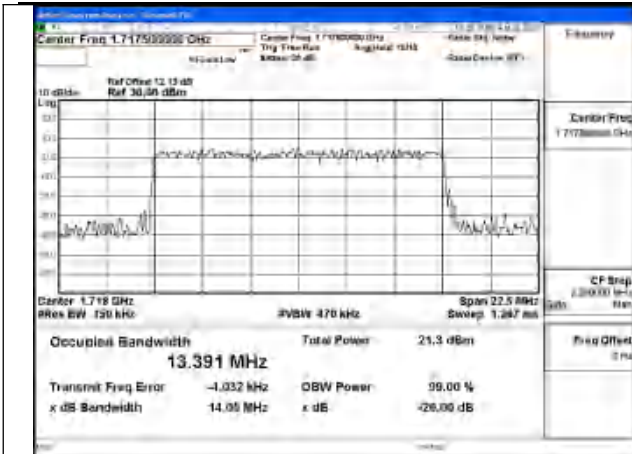


Fig.49

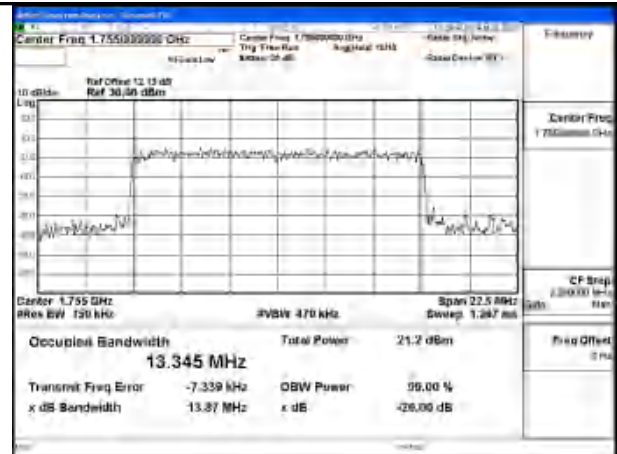


Fig.50



Fig.51

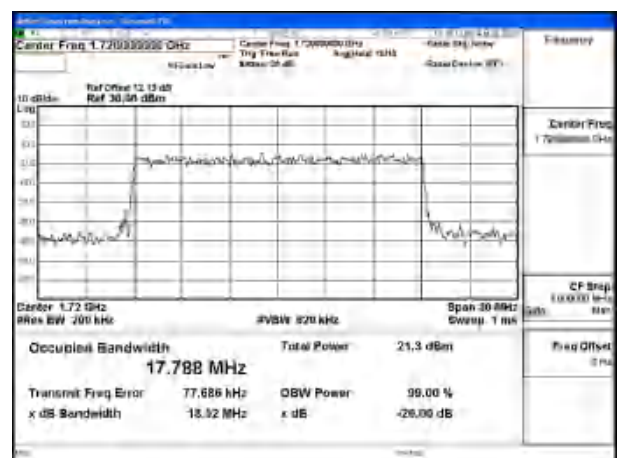


Fig.52

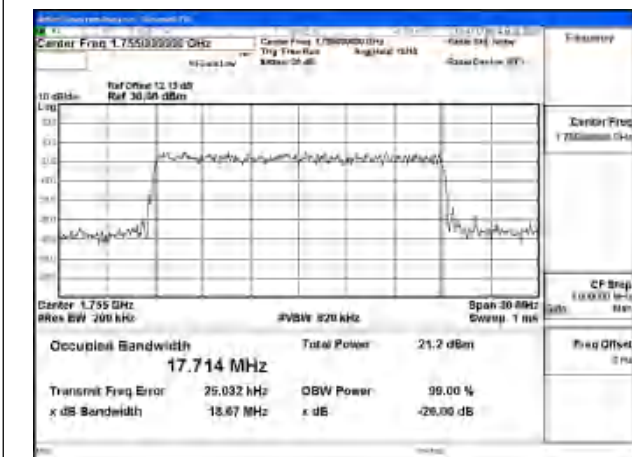


Fig.53

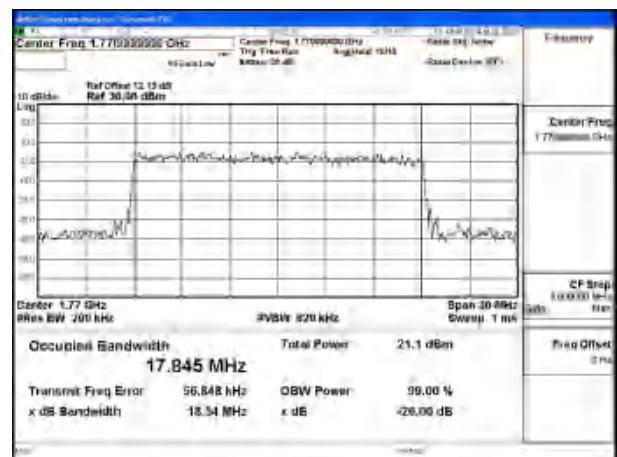


Fig.54



#### 4 Peak-Average Ratio

| Band | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | QPSK    | 16-QAM  | 64-QAM  |
|------|-------------------------|---------|----------|---------|-----------|---------|---------|---------|
| 66   | 1710.7                  | 131979  | 1.4      | 1       | 5         | Fig.1   | Fig.2   | Fig.3   |
| 66   | 1710.7                  | 131979  | 1.4      | 6       | 0         | Fig.4   | Fig.5   | Fig.6   |
| 66   | 1755                    | 132422  | 1.4      | 1       | 5         | Fig.7   | Fig.8   | Fig.9   |
| 66   | 1755                    | 132422  | 1.4      | 6       | 0         | Fig.10  | Fig.11  | Fig.12  |
| 66   | 1779.3                  | 132665  | 1.4      | 1       | 5         | Fig.13  | Fig.14  | Fig.15  |
| 66   | 1779.3                  | 132665  | 1.4      | 6       | 0         | Fig.16  | Fig.17  | Fig.18  |
| 66   | 1711.5                  | 131987  | 3        | 1       | 14        | Fig.19  | Fig.20  | Fig.21  |
| 66   | 1711.5                  | 131987  | 3        | 15      | 0         | Fig.22  | Fig.23  | Fig.24  |
| 66   | 1755                    | 132422  | 3        | 1       | 14        | Fig.25  | Fig.26  | Fig.27  |
| 66   | 1755                    | 132422  | 3        | 15      | 0         | Fig.28  | Fig.29  | Fig.30  |
| 66   | 1778.5                  | 132657  | 3        | 1       | 14        | Fig.31  | Fig.32  | Fig.33  |
| 66   | 1778.5                  | 132657  | 3        | 15      | 0         | Fig.34  | Fig.35  | Fig.36  |
| 66   | 1712.5                  | 131997  | 5        | 1       | 24        | Fig.37  | Fig.38  | Fig.39  |
| 66   | 1712.5                  | 131997  | 5        | 25      | 0         | Fig.40  | Fig.41  | Fig.42  |
| 66   | 1755                    | 132422  | 5        | 1       | 24        | Fig.43  | Fig.44  | Fig.45  |
| 66   | 1755                    | 132422  | 5        | 25      | 0         | Fig.46  | Fig.47  | Fig.48  |
| 66   | 1777.5                  | 132647  | 5        | 1       | 24        | Fig.49  | Fig.50  | Fig.51  |
| 66   | 1777.5                  | 132647  | 5        | 25      | 0         | Fig.52  | Fig.53  | Fig.54  |
| 66   | 1715                    | 132022  | 10       | 1       | 49        | Fig.55  | Fig.56  | Fig.57  |
| 66   | 1715                    | 132022  | 10       | 50      | 0         | Fig.58  | Fig.59  | Fig.60  |
| 66   | 1755                    | 132422  | 10       | 1       | 49        | Fig.61  | Fig.62  | Fig.63  |
| 66   | 1755                    | 132422  | 10       | 50      | 0         | Fig.64  | Fig.65  | Fig.66  |
| 66   | 1775                    | 132622  | 10       | 1       | 49        | Fig.67  | Fig.68  | Fig.69  |
| 66   | 1775                    | 132622  | 10       | 50      | 0         | Fig.70  | Fig.71  | Fig.72  |
| 66   | 1717.5                  | 132047  | 15       | 1       | 74        | Fig.73  | Fig.74  | Fig.75  |
| 66   | 1717.5                  | 132047  | 15       | 75      | 0         | Fig.76  | Fig.77  | Fig.78  |
| 66   | 1755                    | 132422  | 15       | 1       | 74        | Fig.79  | Fig.80  | Fig.81  |
| 66   | 1755                    | 132422  | 15       | 75      | 0         | Fig.82  | Fig.83  | Fig.84  |
| 66   | 1772.5                  | 132597  | 15       | 1       | 74        | Fig.85  | Fig.86  | Fig.87  |
| 66   | 1772.5                  | 132597  | 15       | 75      | 0         | Fig.88  | Fig.89  | Fig.90  |
| 66   | 1720                    | 132072  | 20       | 1       | 99        | Fig.91  | Fig.92  | Fig.93  |
| 66   | 1720                    | 132072  | 20       | 100     | 0         | Fig.94  | Fig.95  | Fig.96  |
| 66   | 1755                    | 132422  | 20       | 1       | 99        | Fig.97  | Fig.98  | Fig.99  |
| 66   | 1755                    | 132422  | 20       | 100     | 0         | Fig.100 | Fig.101 | Fig.102 |
| 66   | 1770                    | 132572  | 20       | 1       | 99        | Fig.103 | Fig.104 | Fig.105 |
| 66   | 1770                    | 132572  | 20       | 100     | 0         | Fig.106 | Fig.107 | Fig.108 |

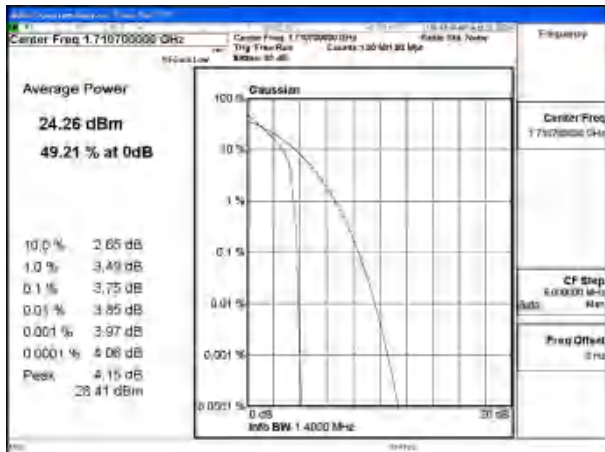


Fig.1

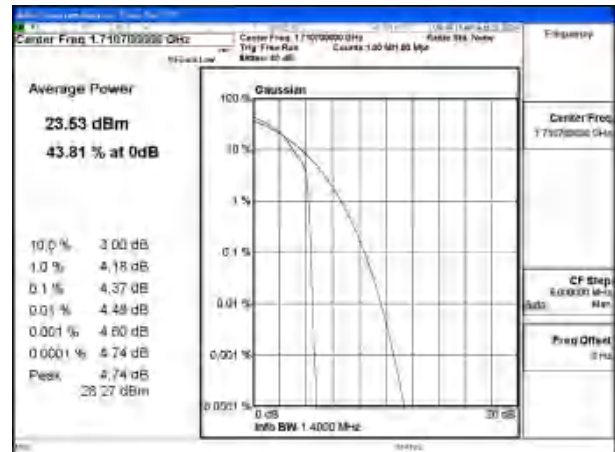


Fig.2

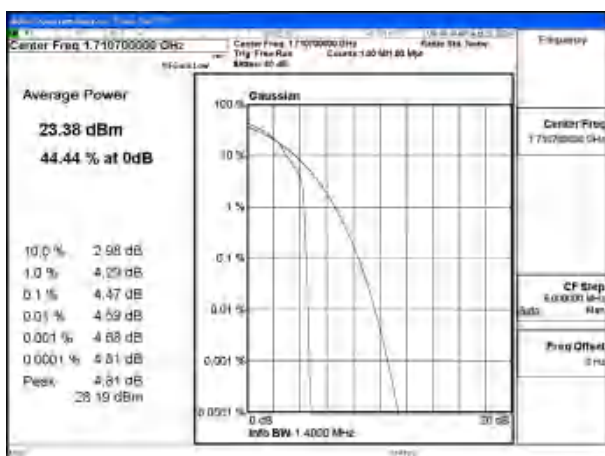


Fig.3

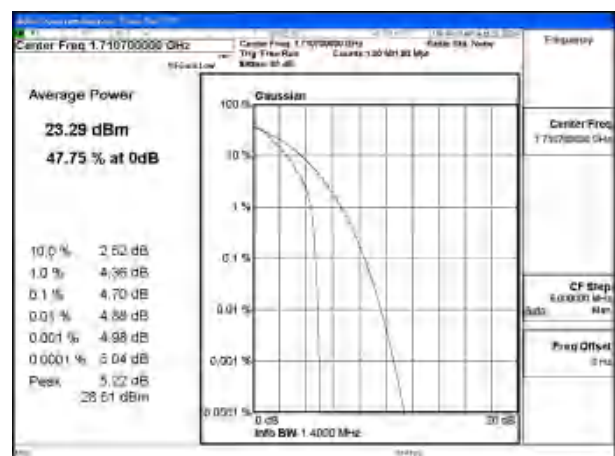


Fig.4

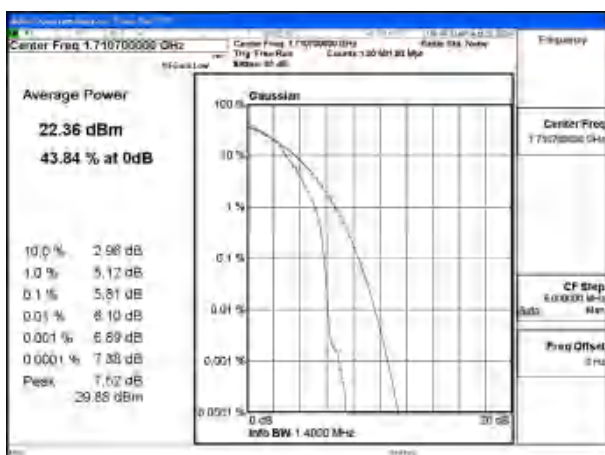


Fig.5

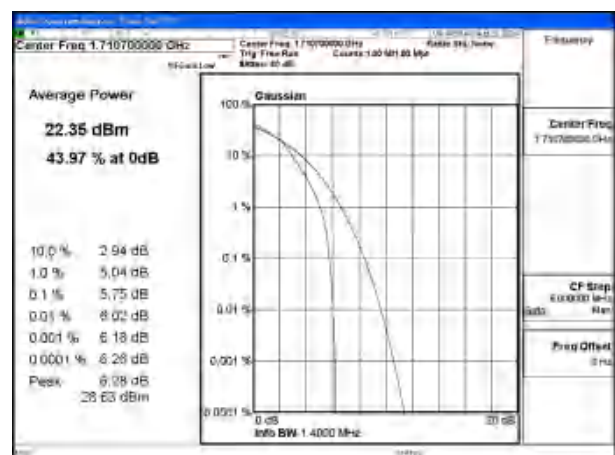


Fig.6

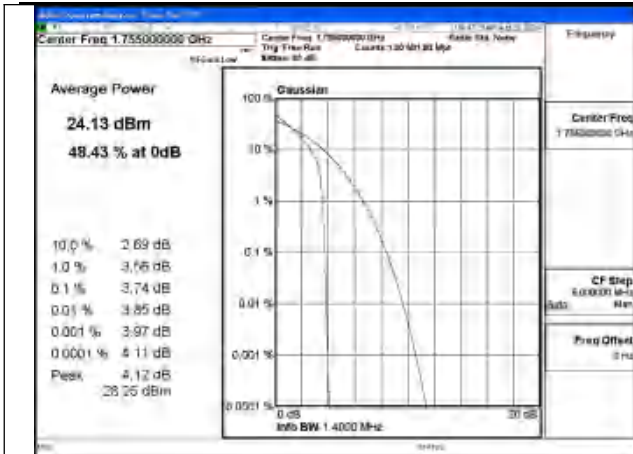


Fig.7

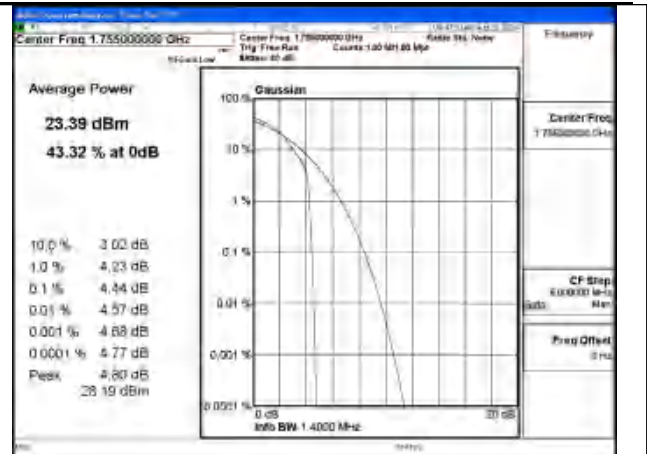


Fig.8

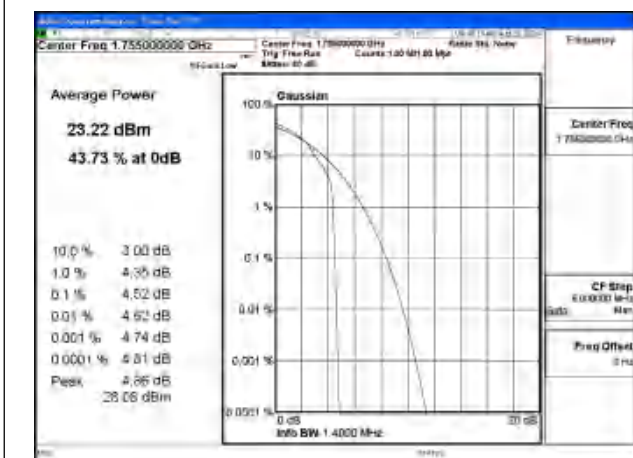


Fig.9

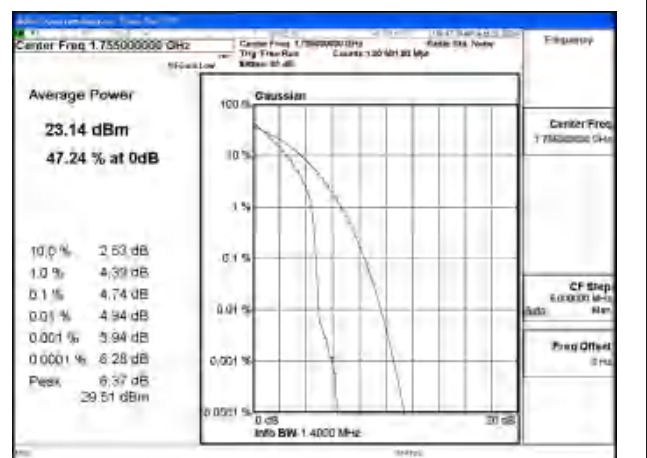


Fig.10

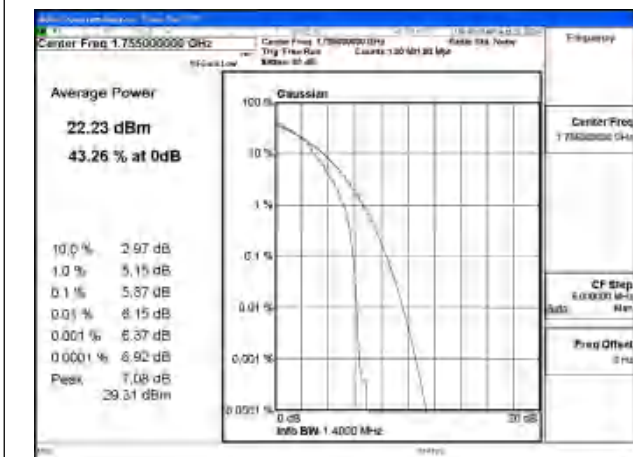


Fig.11

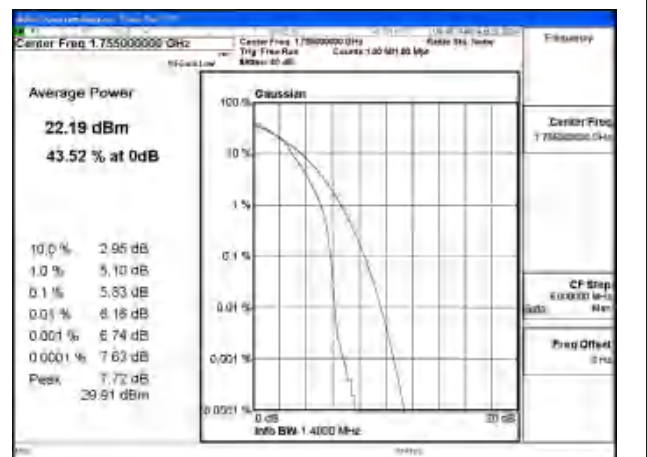


Fig.12

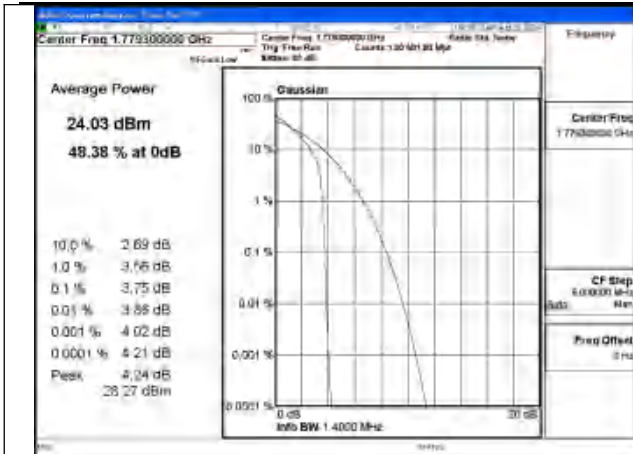


Fig.13

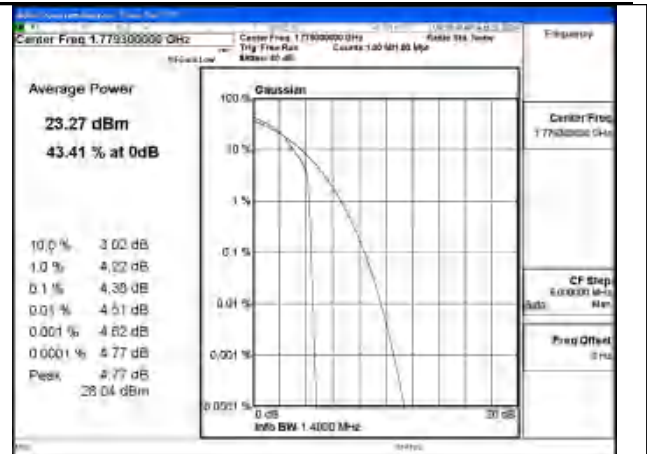


Fig.14

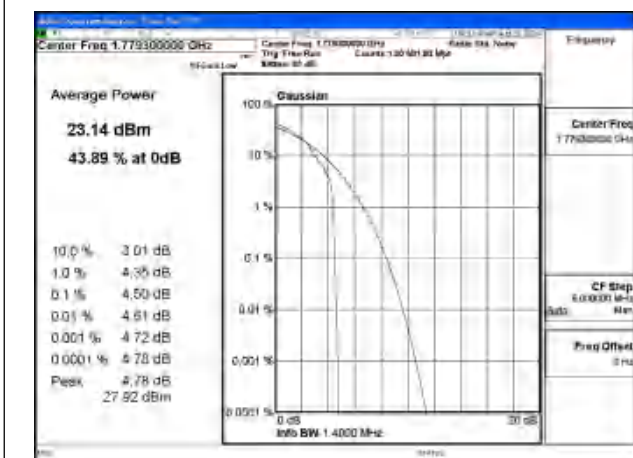


Fig.15

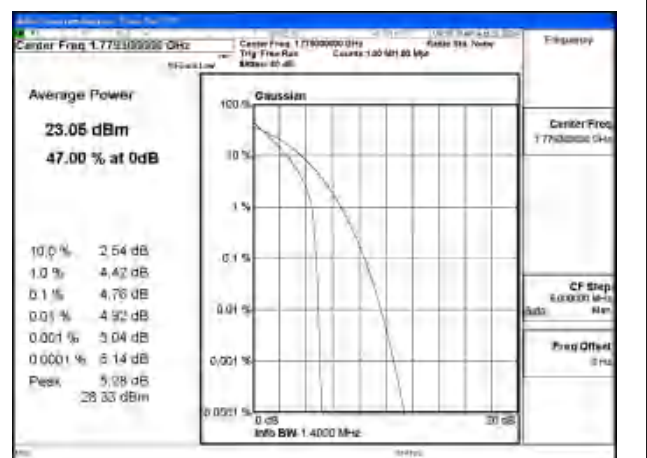


Fig.16

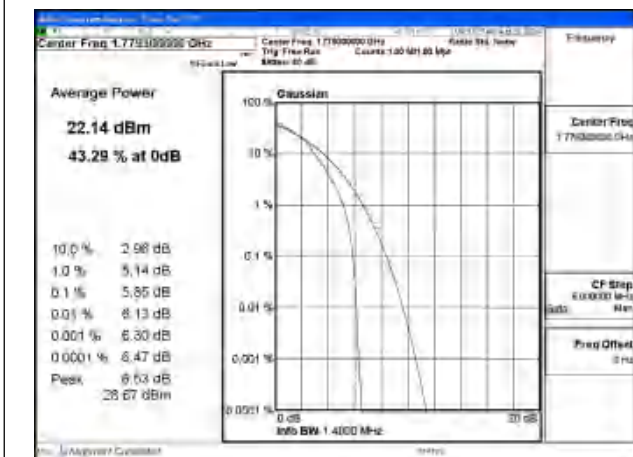


Fig.17

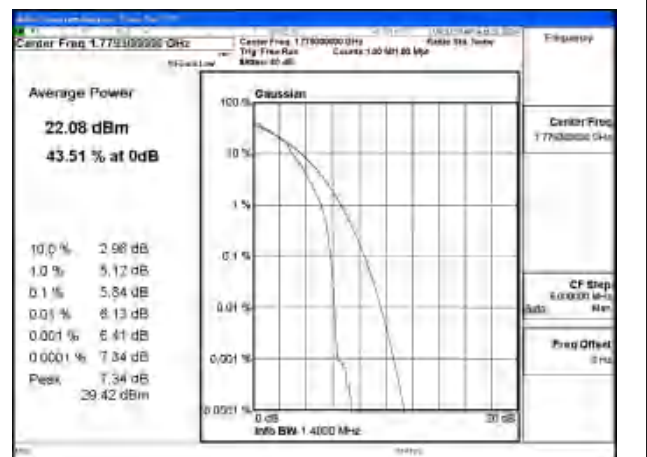


Fig.18

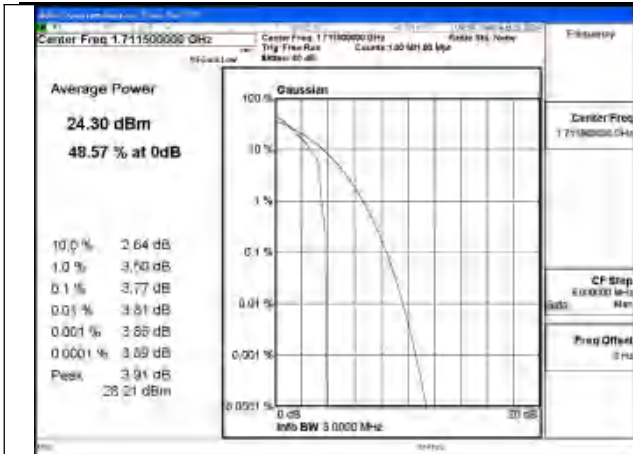


Fig.19

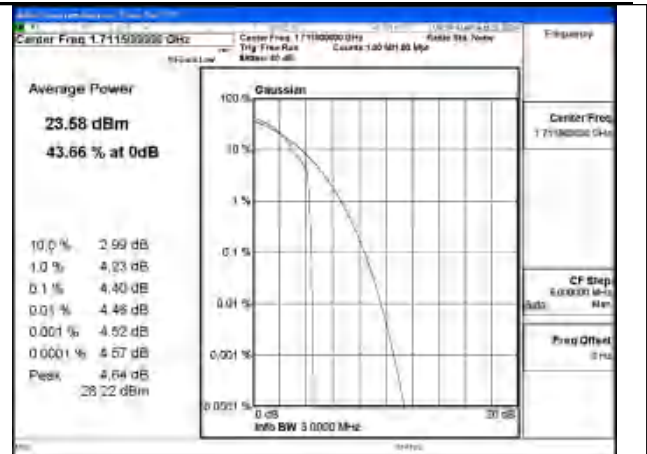


Fig.20

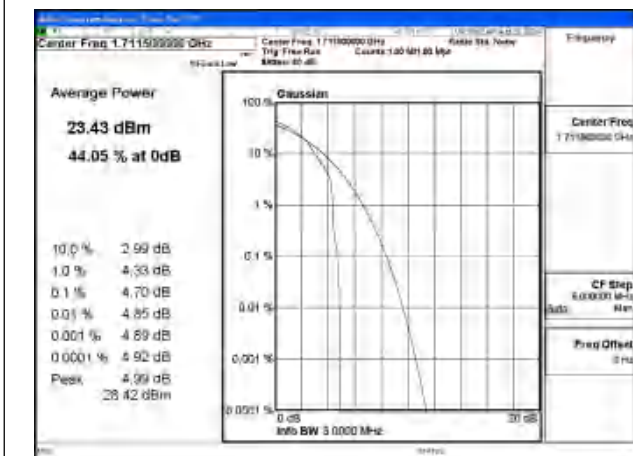


Fig.21

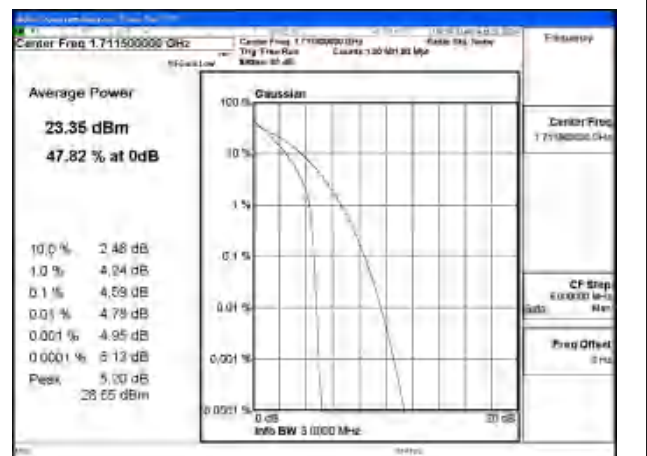


Fig.22

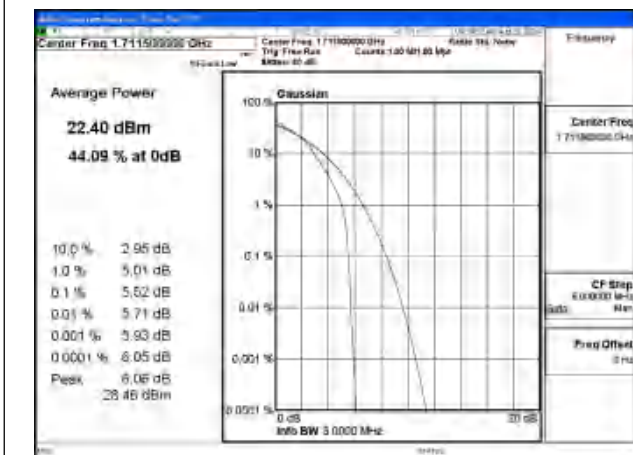


Fig.23

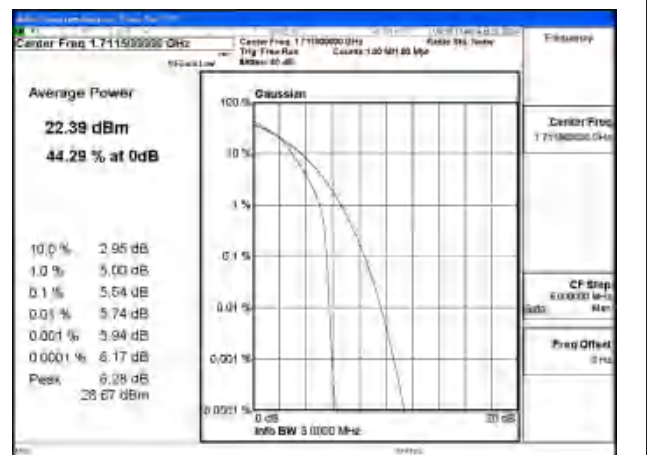


Fig.24

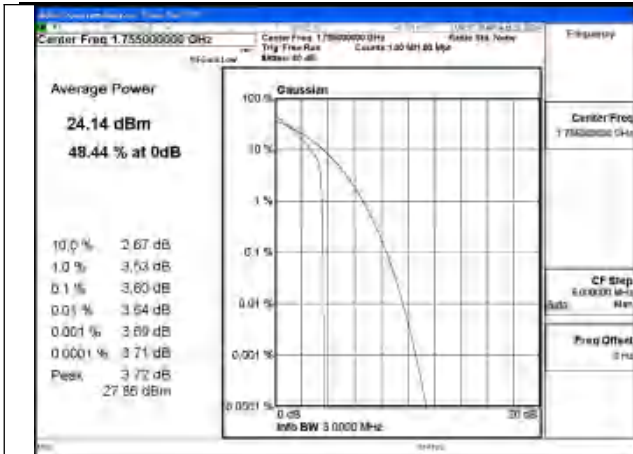


Fig.25

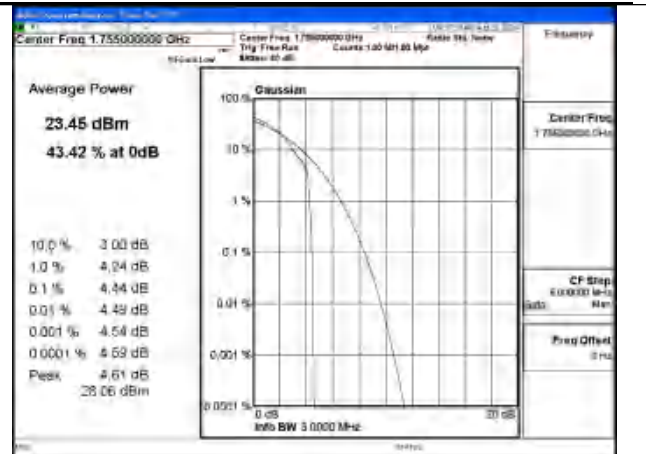


Fig.26

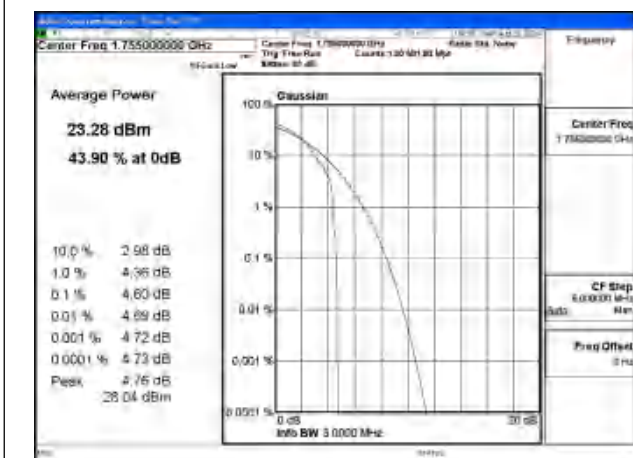


Fig.27

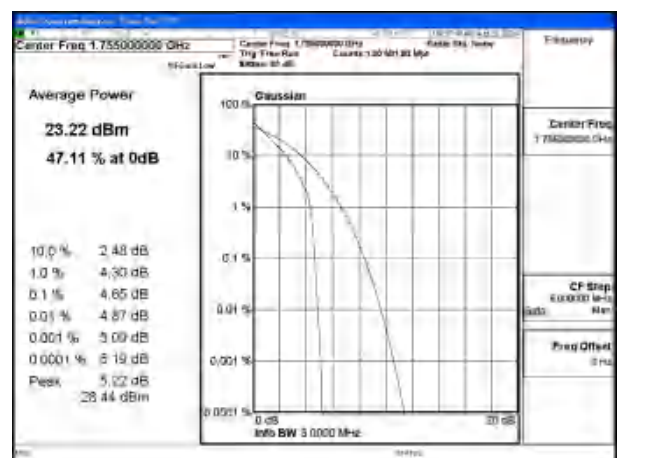


Fig.28

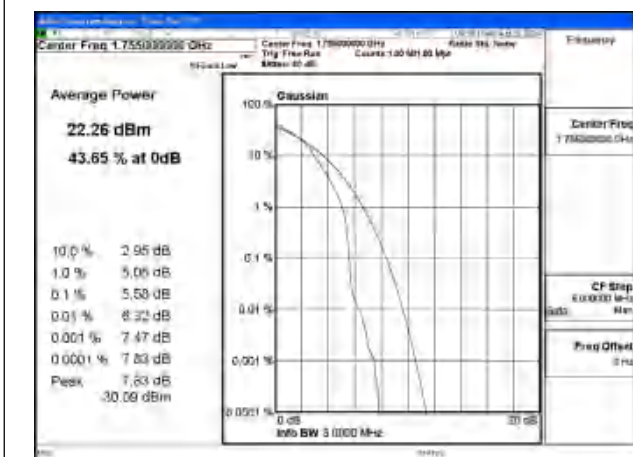


Fig.29

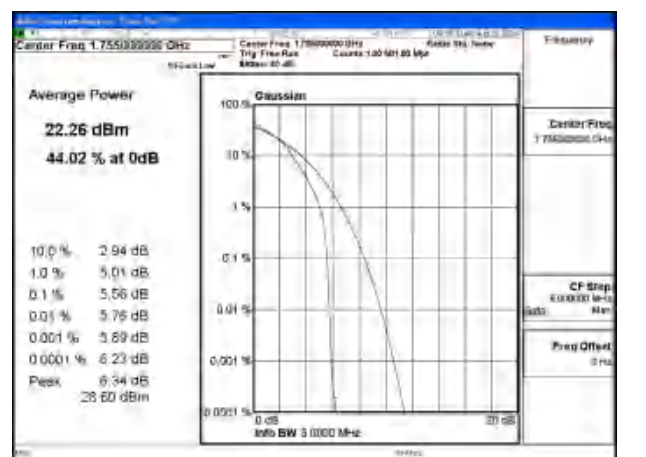


Fig.30

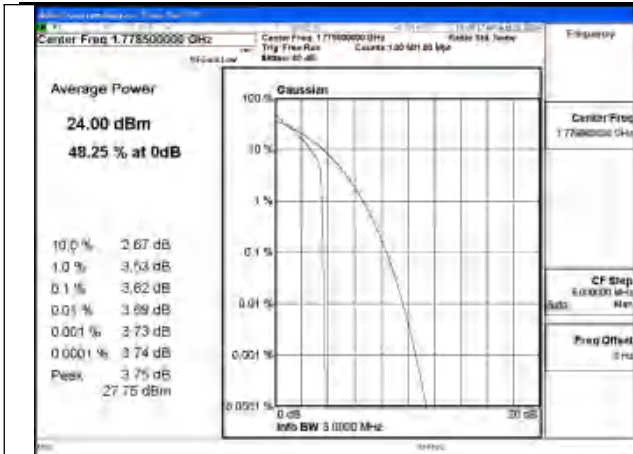


Fig.31

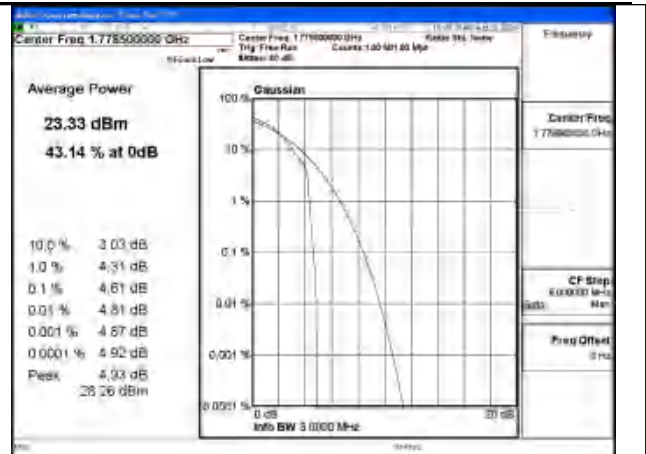


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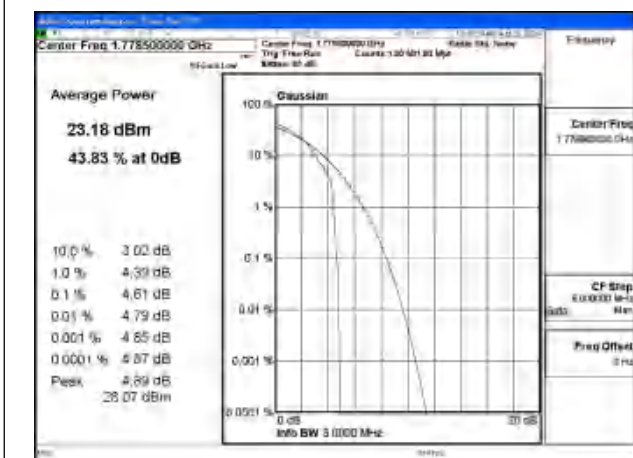


Fig.33

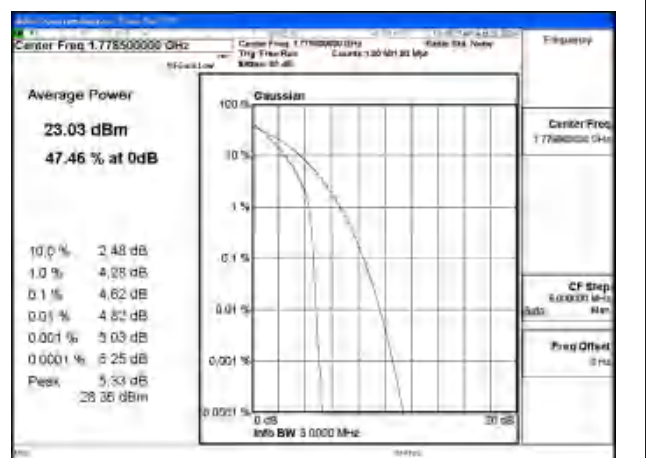


Fig.34

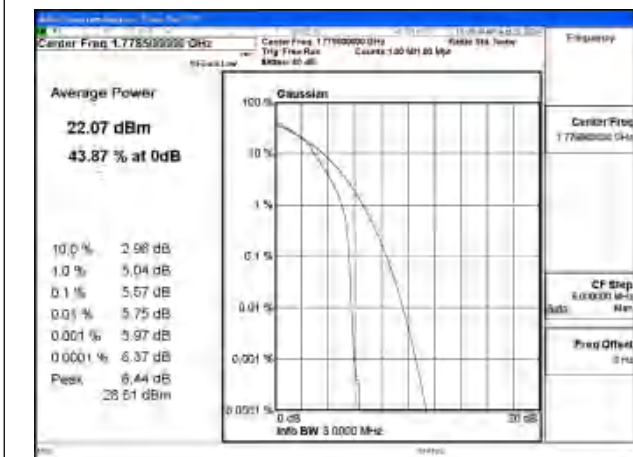


Fig.35

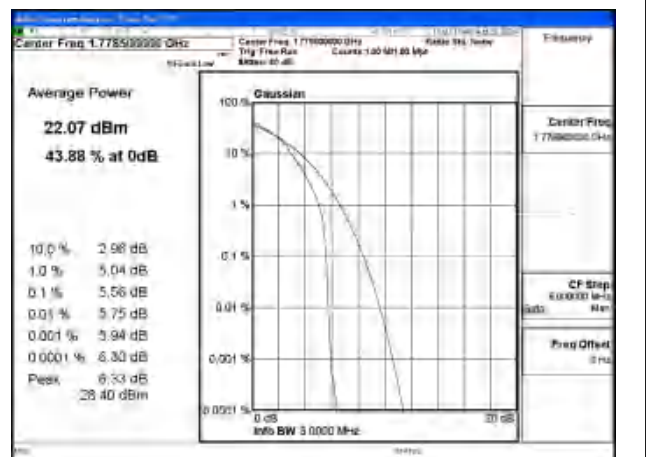


Fig.36

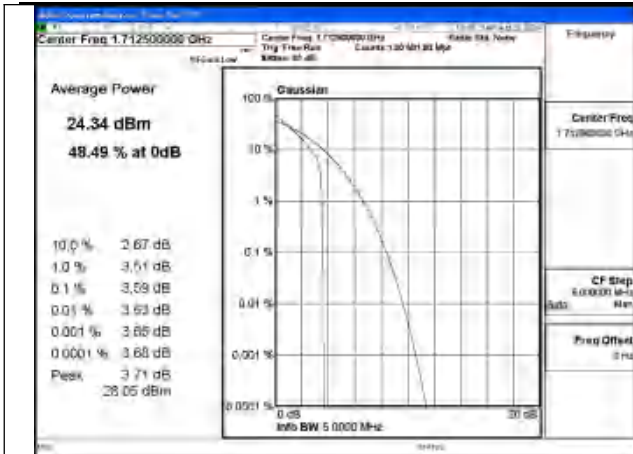


Fig.37

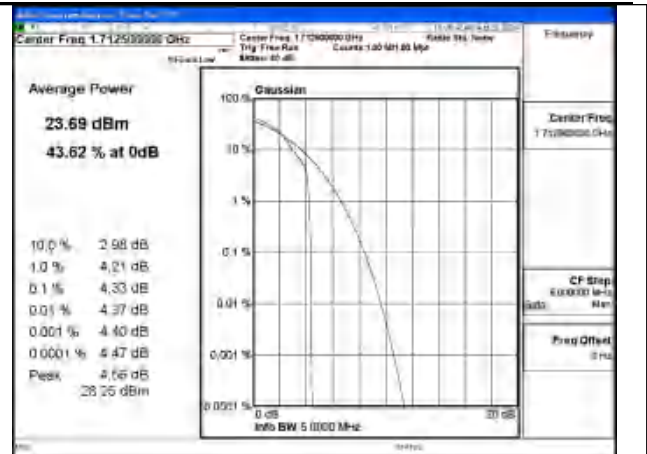


Fig.38

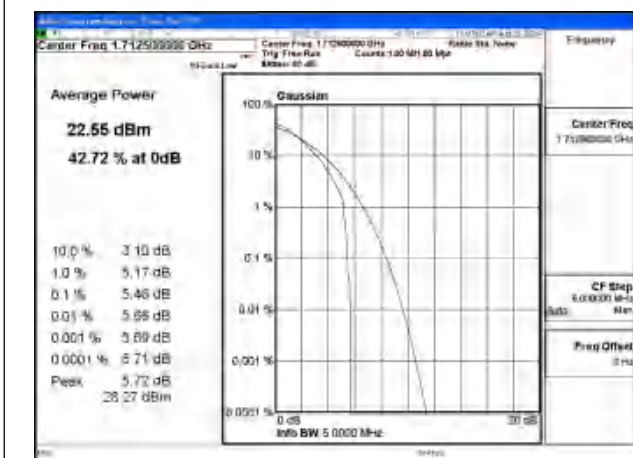


Fig.39

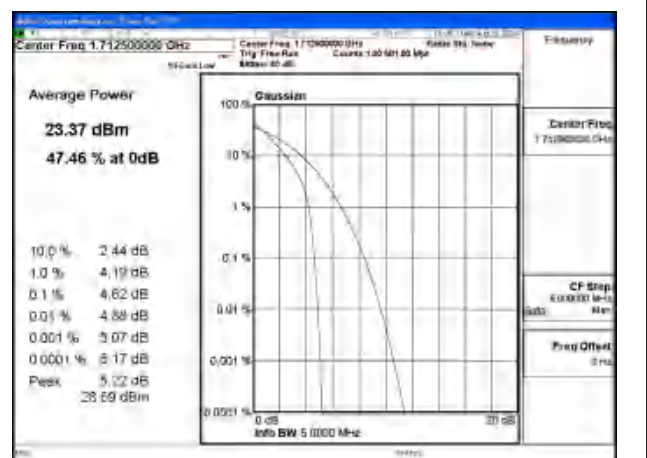


Fig.40

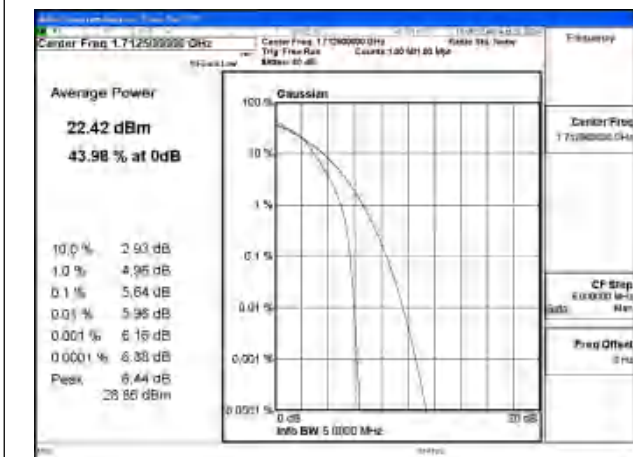


Fig.41

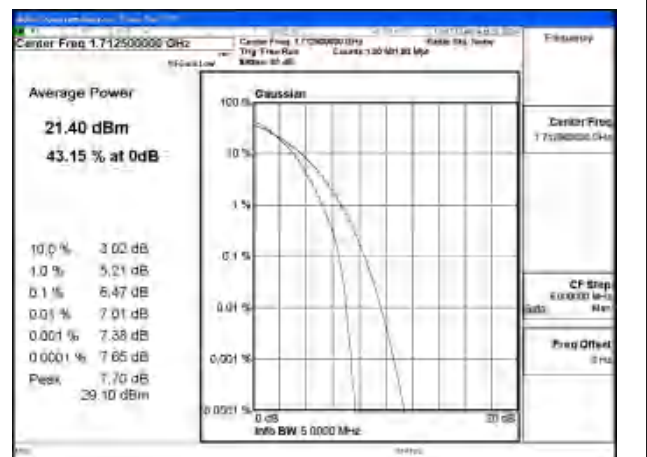


Fig.42

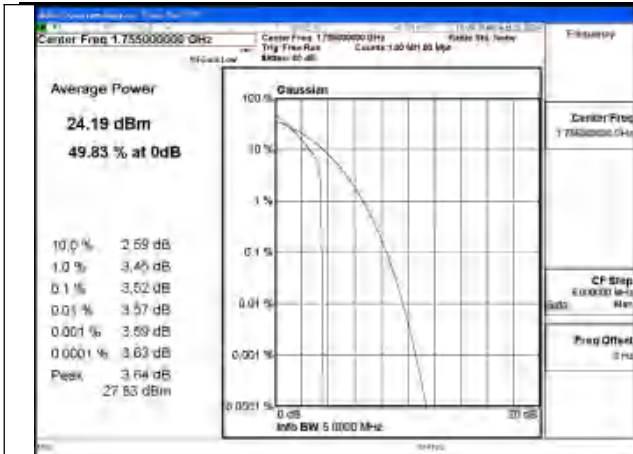


Fig.43

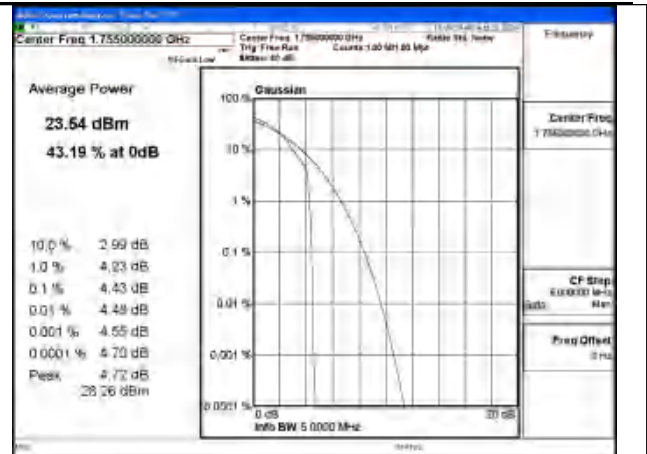


Fig.44

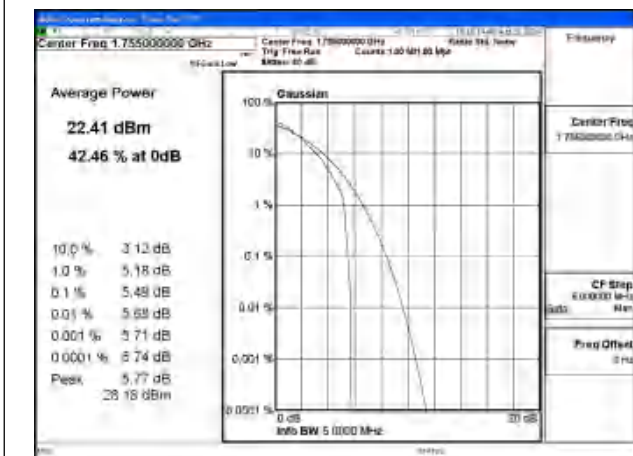


Fig.45

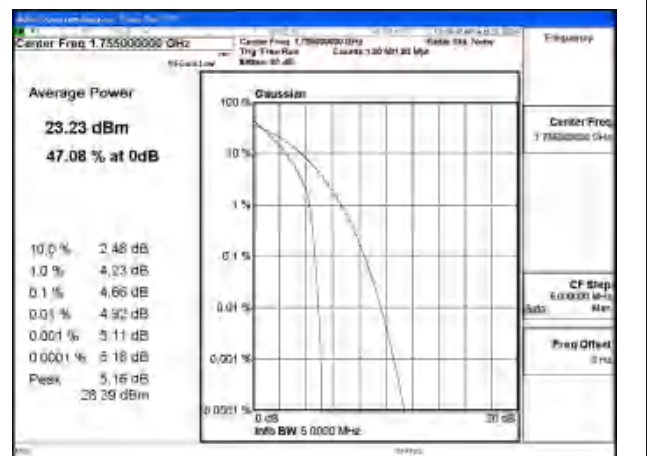


Fig.46

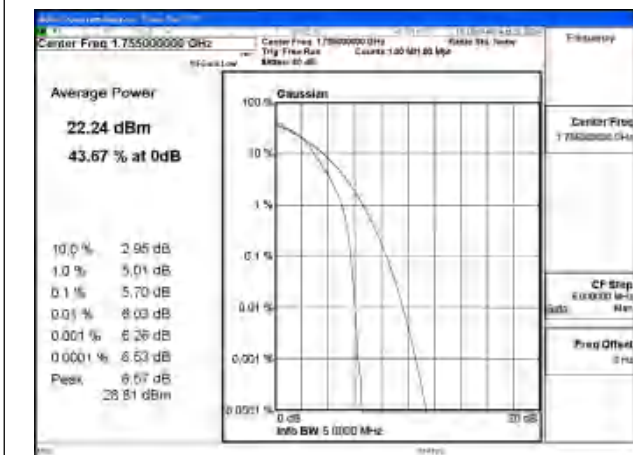


Fig.47

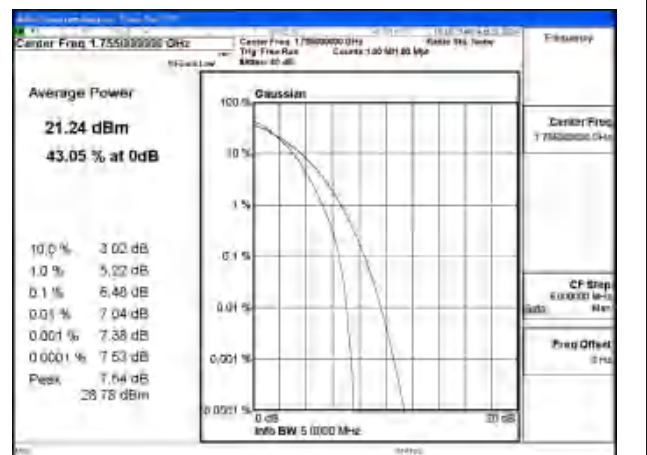


Fig.48

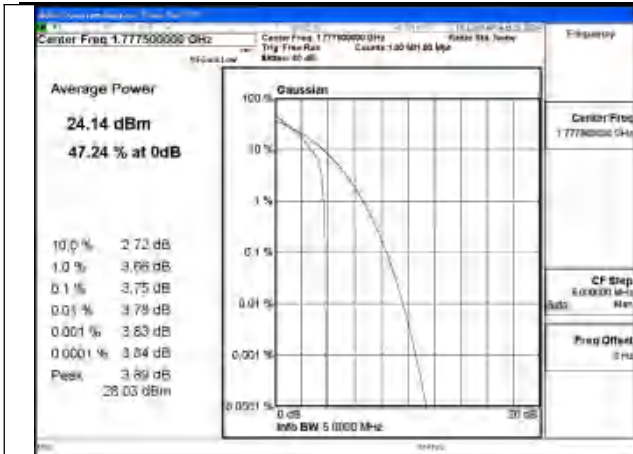


Fig.49

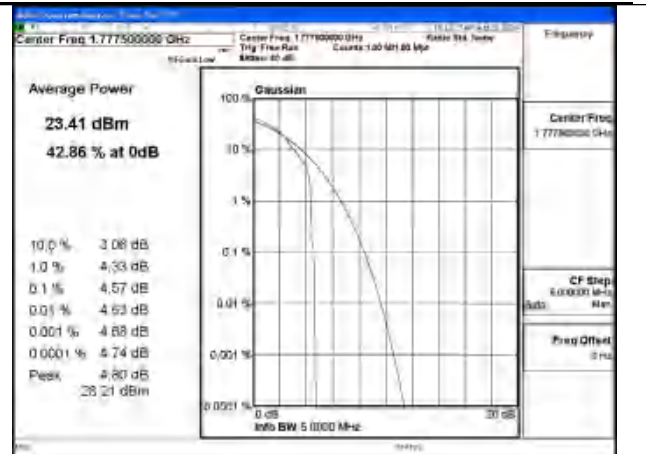


Fig.50

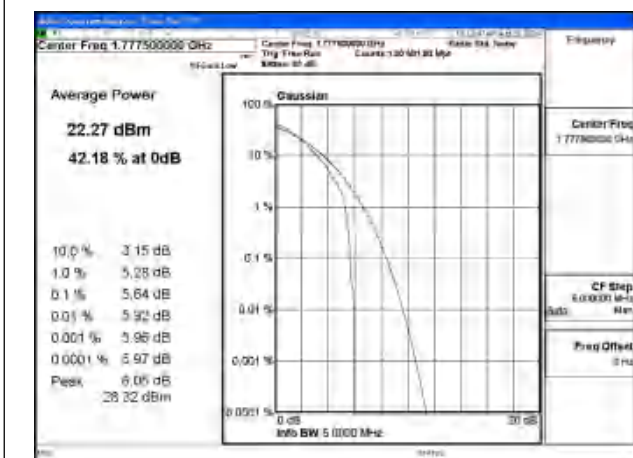


Fig.51

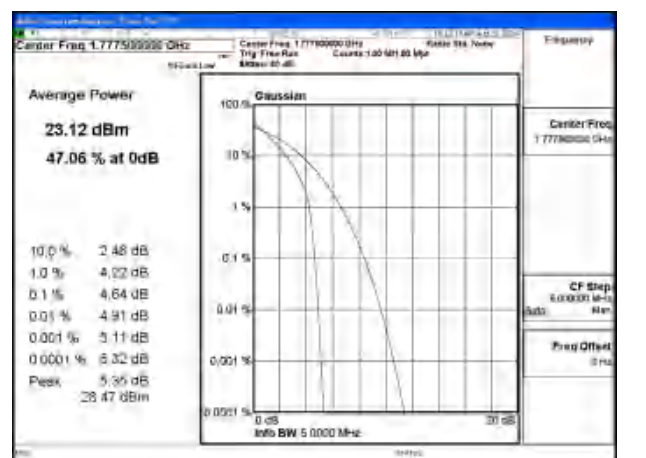


Fig.52

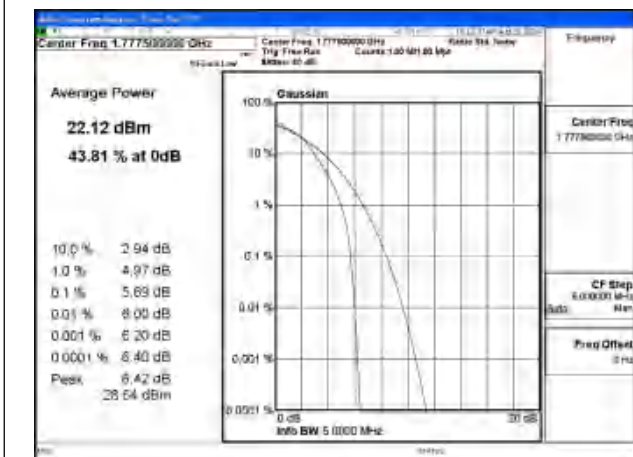


Fig.53

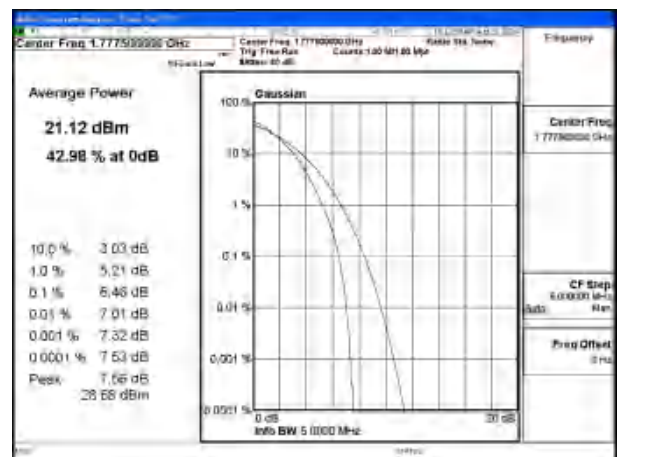


Fig.54

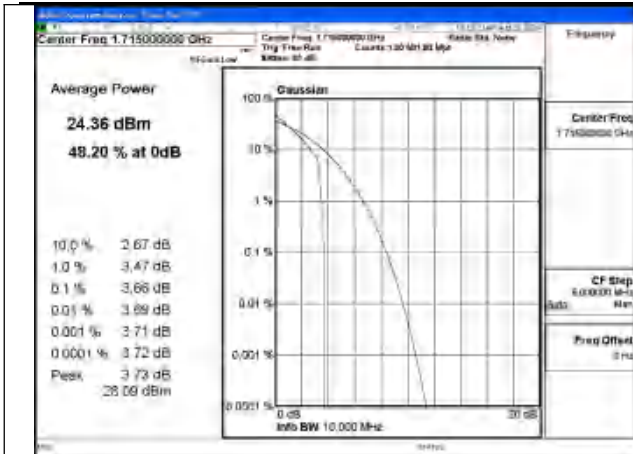


Fig.55

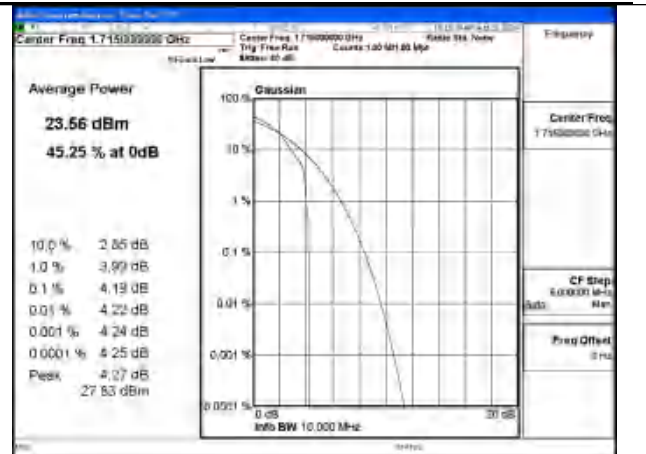


Fig.56

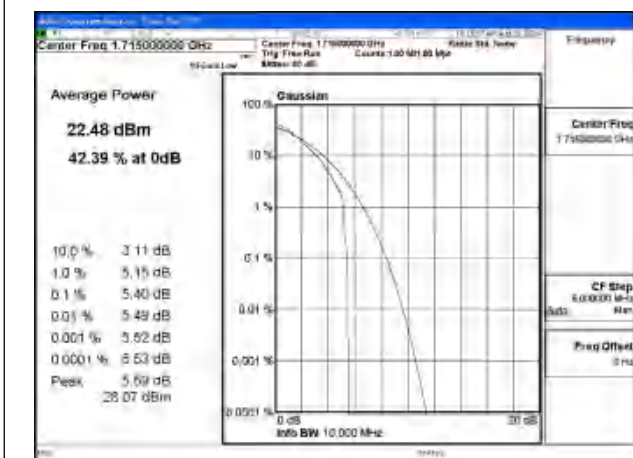


Fig.57

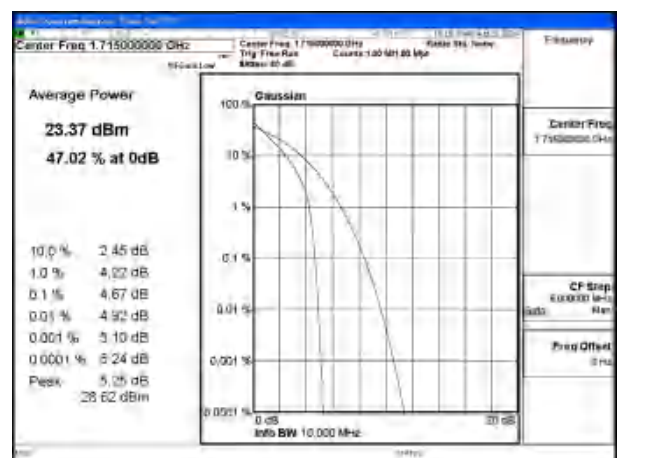


Fig.58

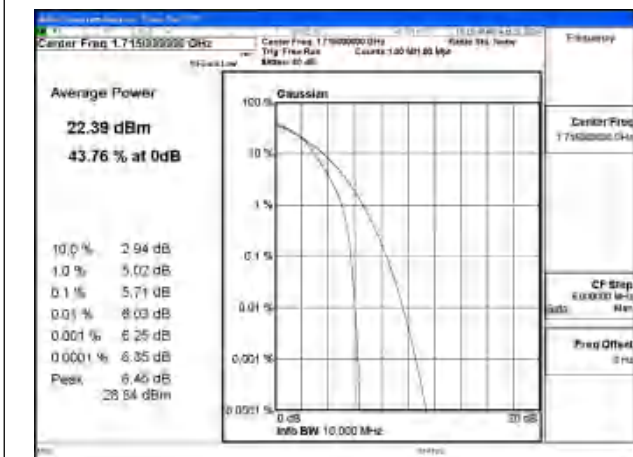


Fig.59

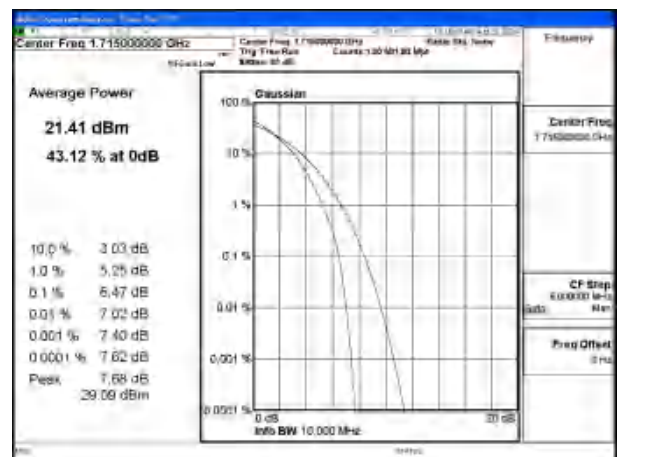


Fig.60

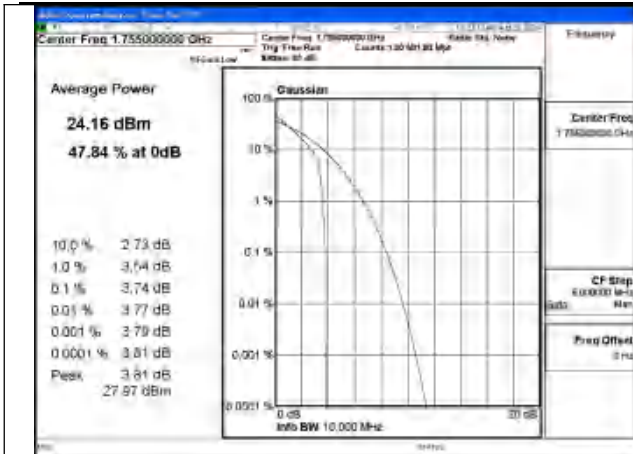


Fig.61

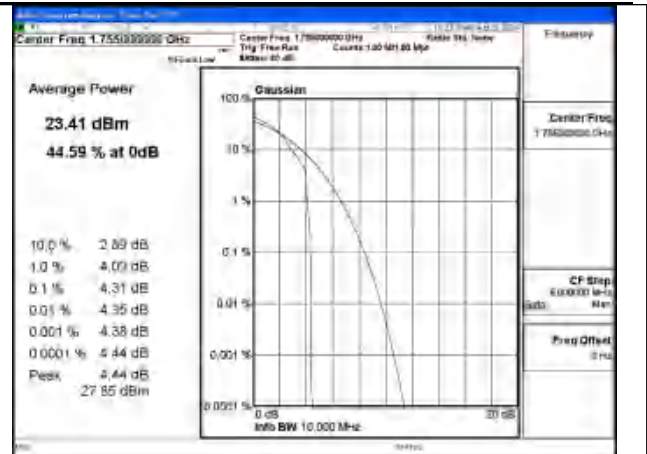


Fig.62

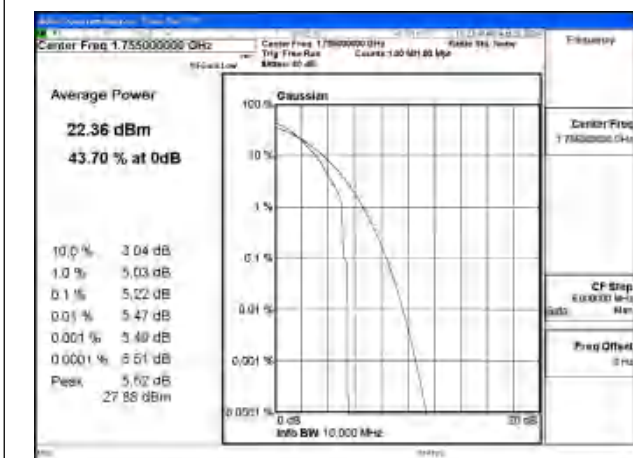


Fig.63

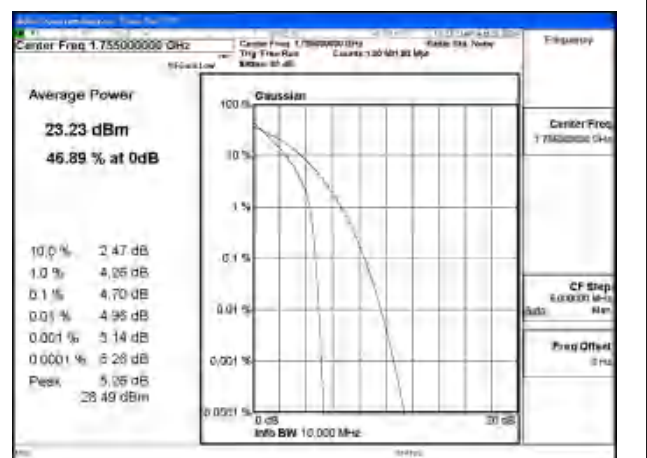


Fig.64

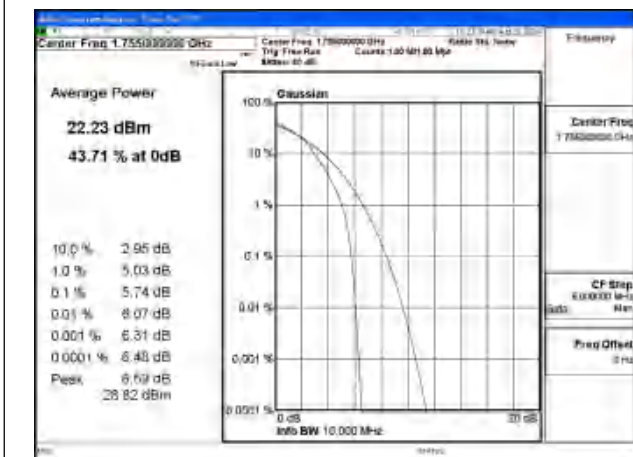


Fig.65

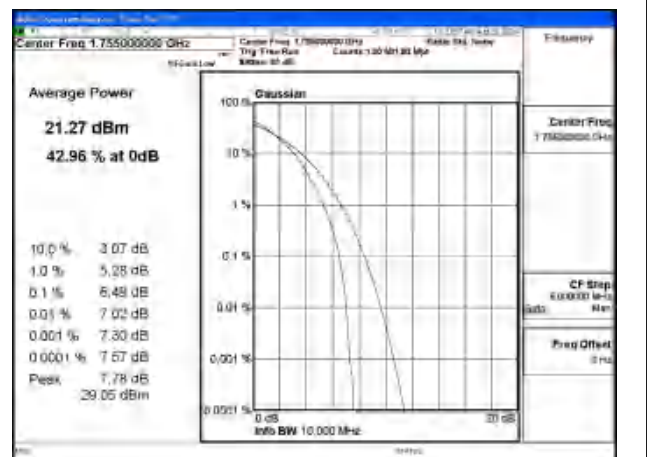


Fig.66

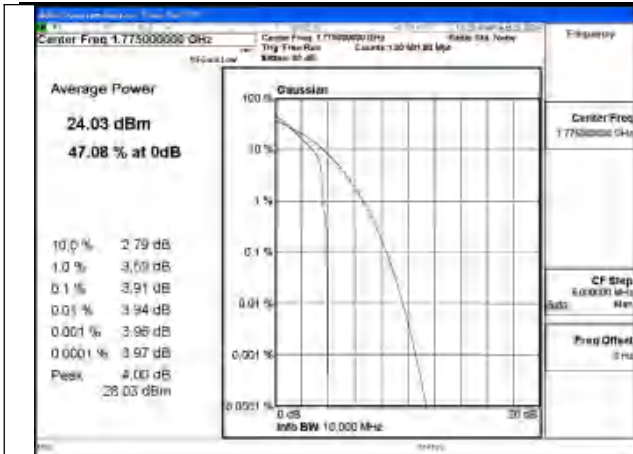


Fig.67

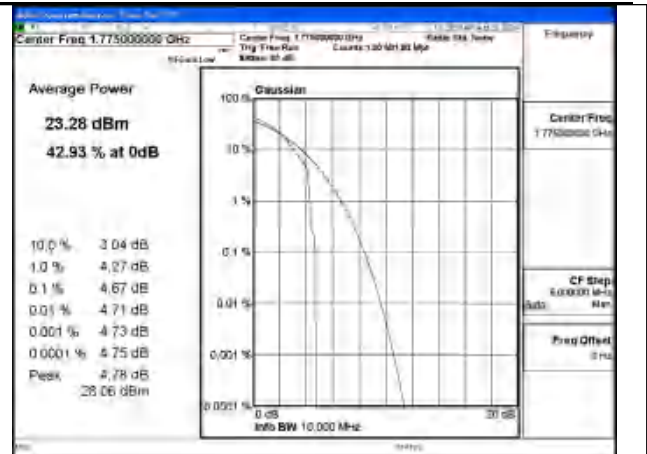


Fig.68

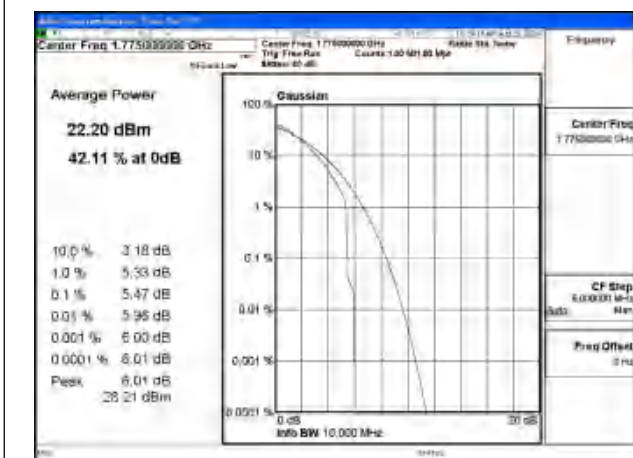


Fig.69

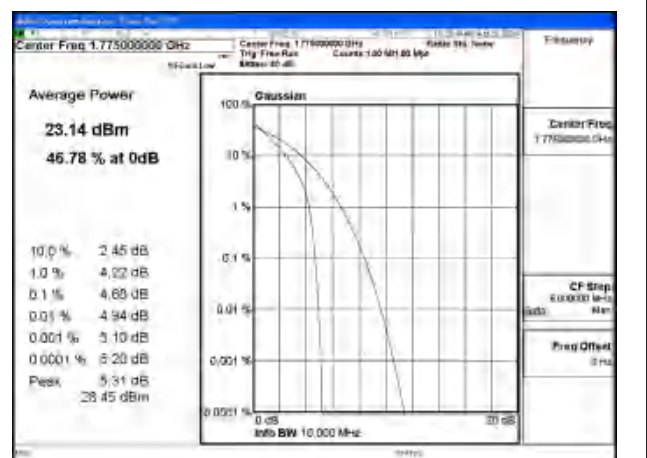


Fig.70

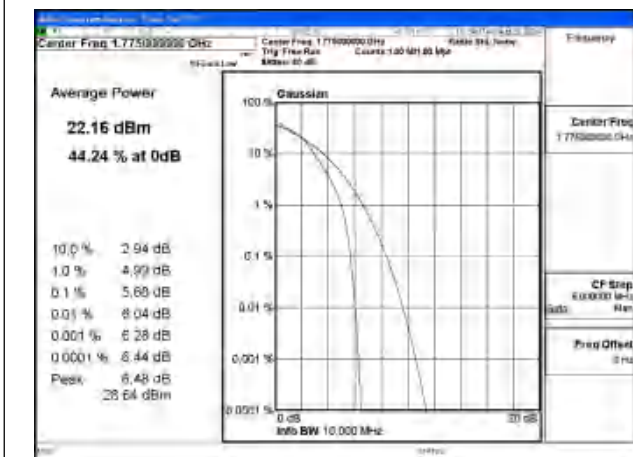


Fig.71

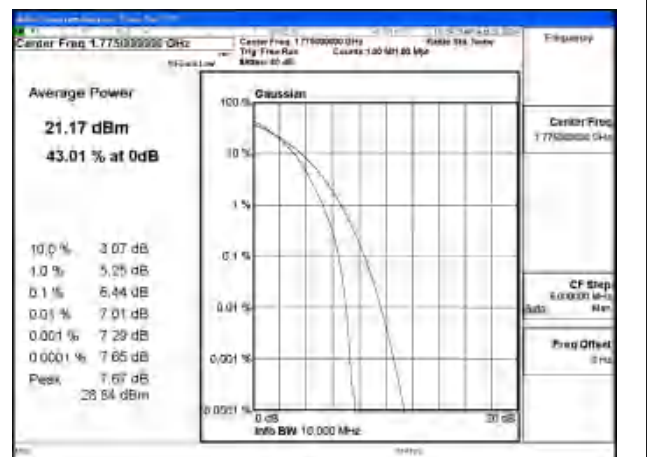


Fig.72

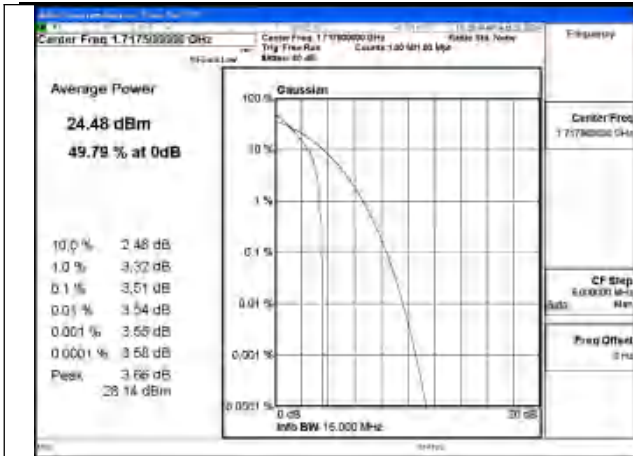


Fig.73

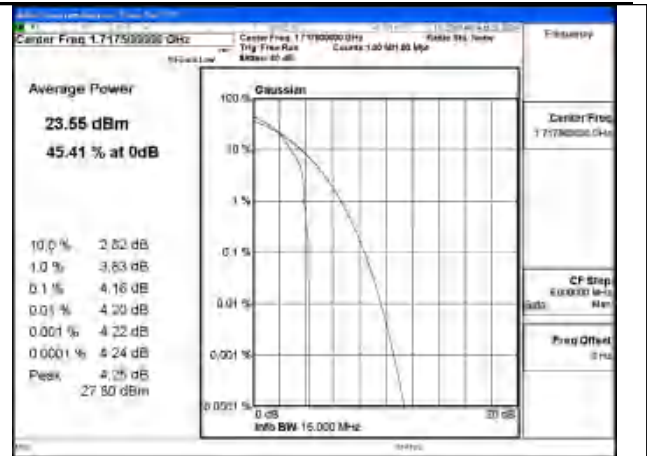


Fig.74

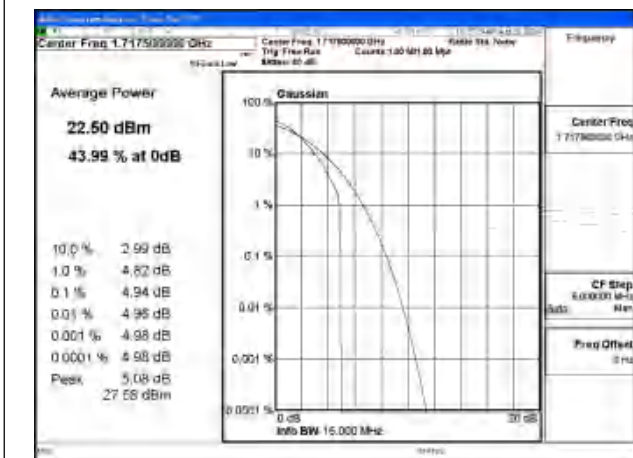


Fig.75

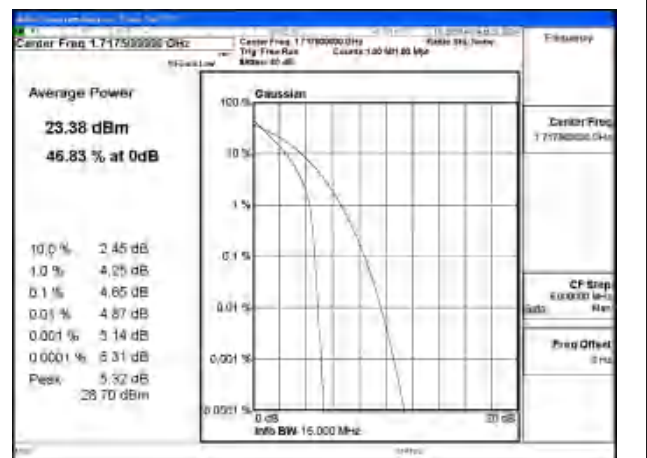


Fig.76

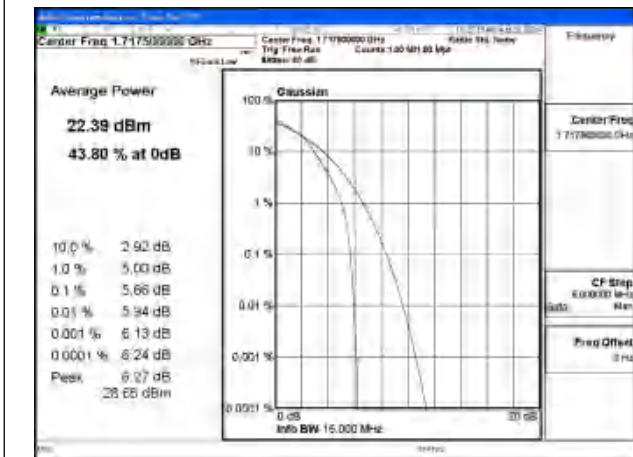


Fig.77

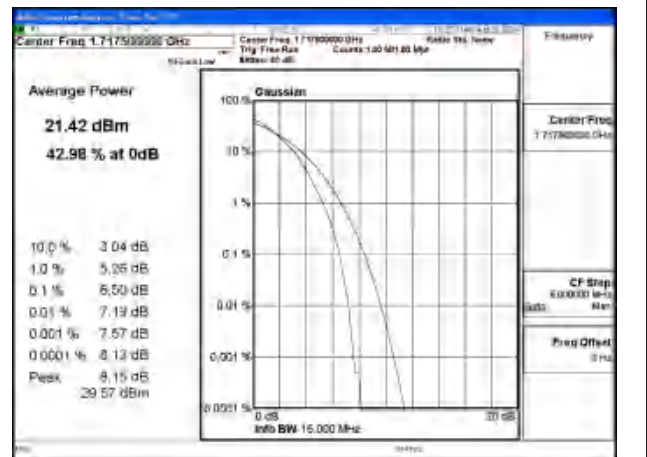


Fig.78

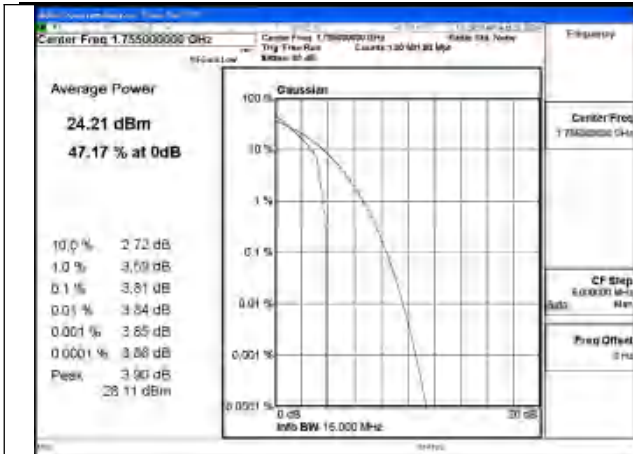


Fig.79

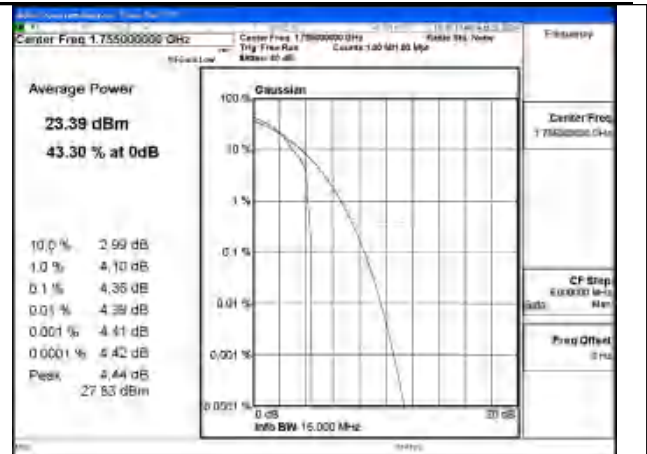


Fig.80

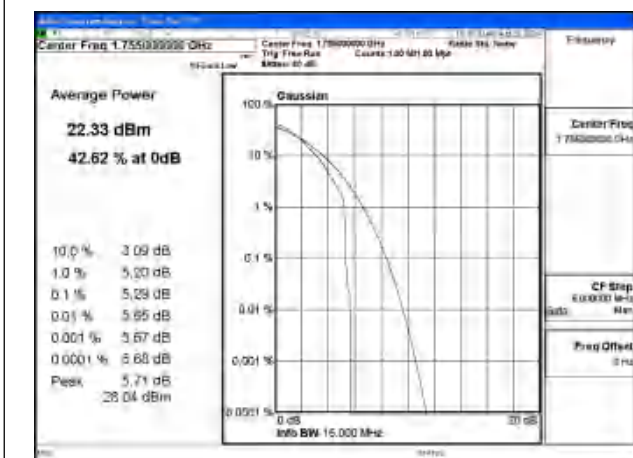


Fig.81

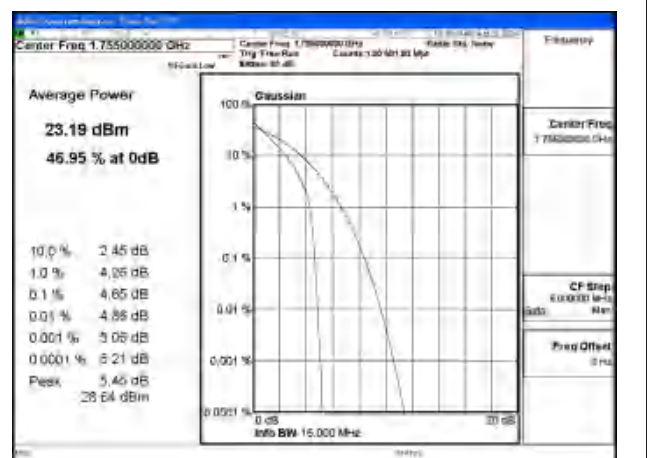


Fig.82

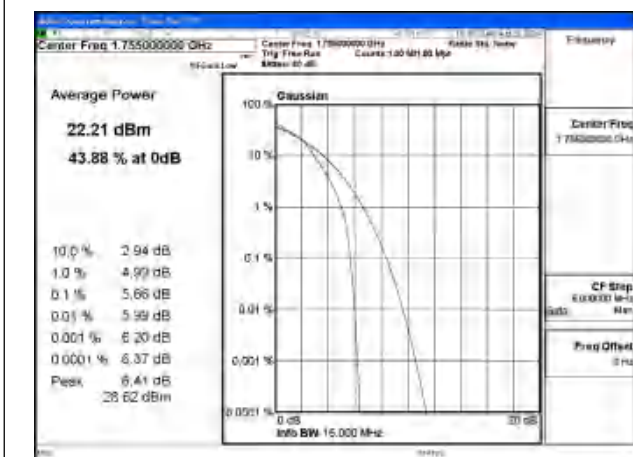


Fig.83

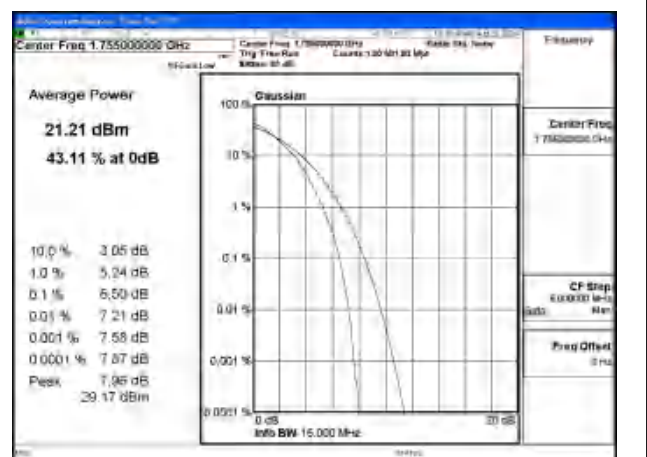


Fig.84

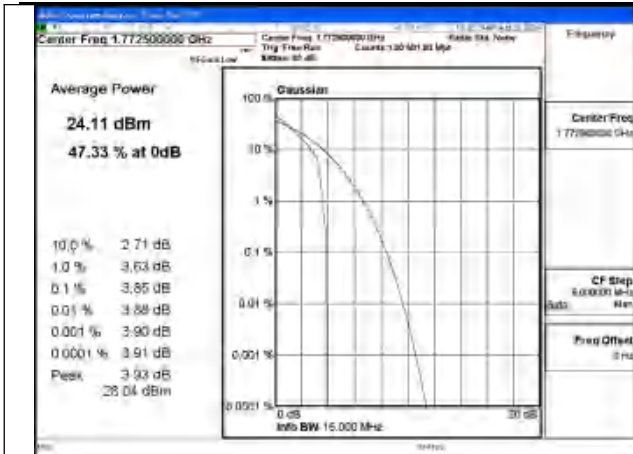


Fig.85

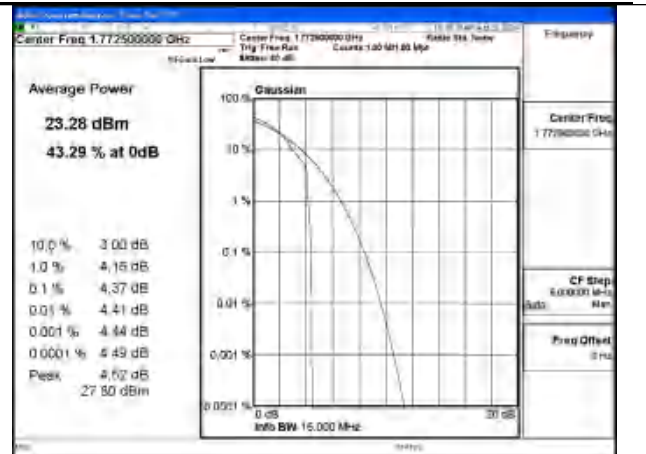


Fig.86

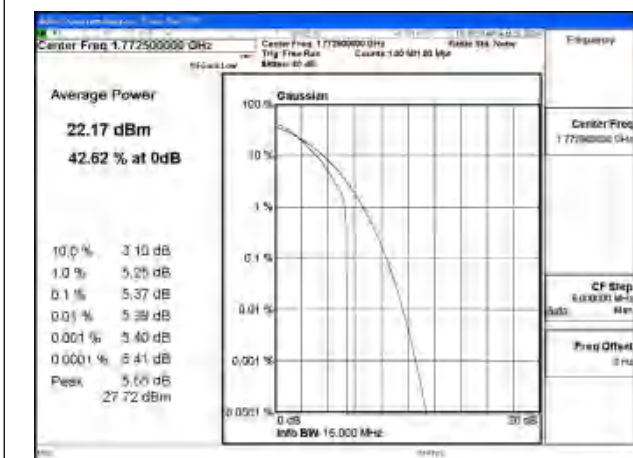


Fig.87

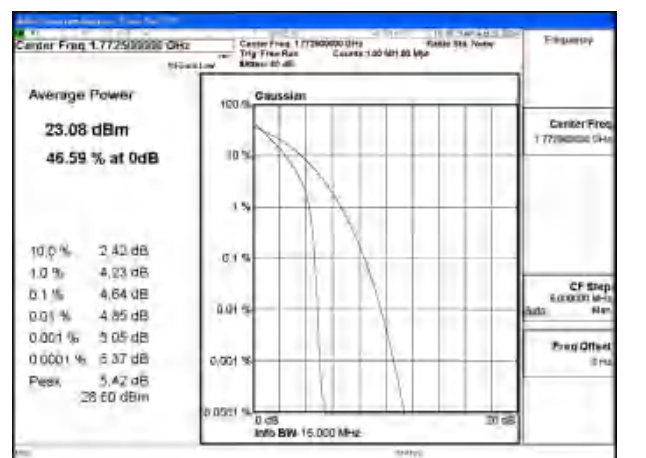


Fig.88

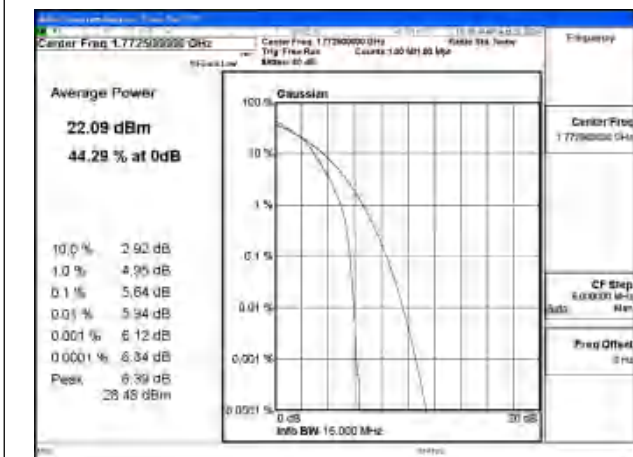


Fig.89

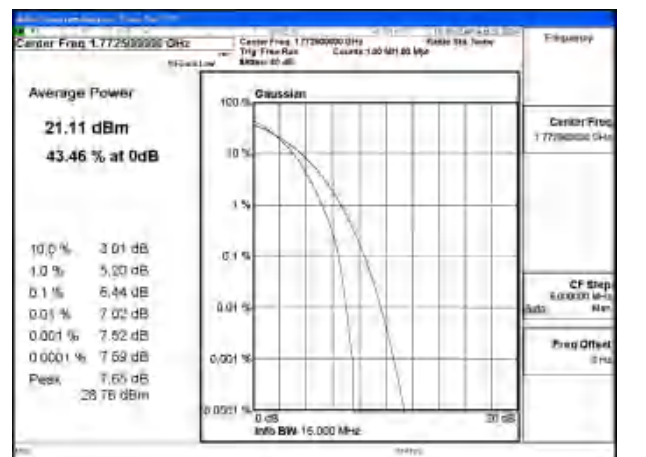


Fig.90

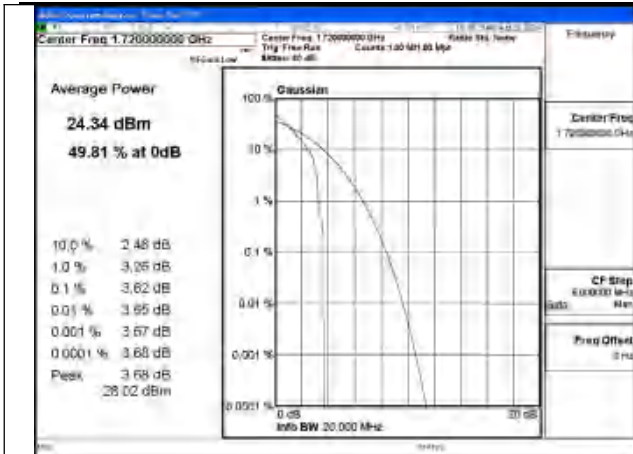


Fig.91

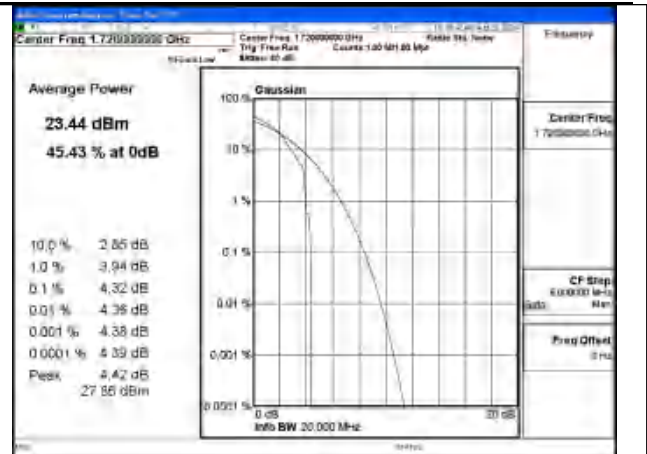


Fig.92

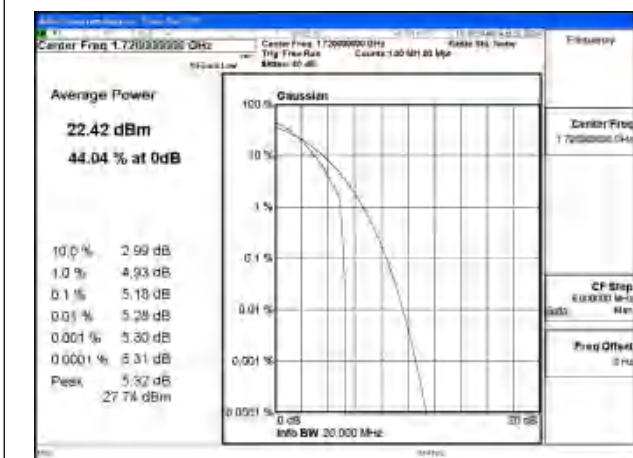


Fig.93

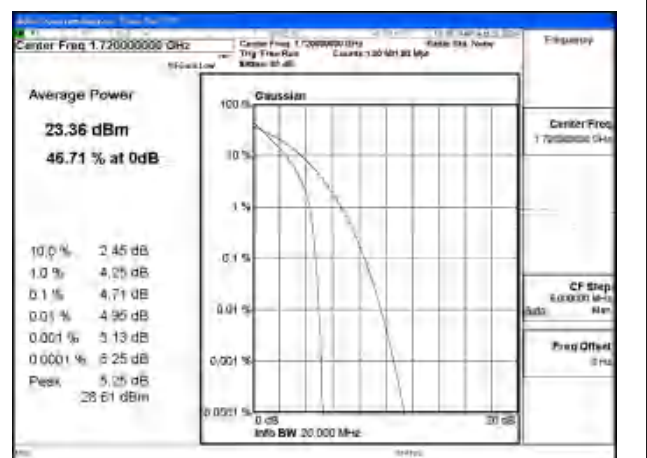


Fig.94

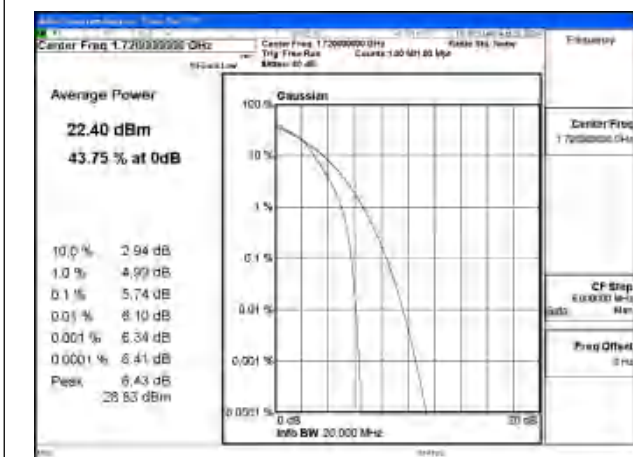


Fig.95

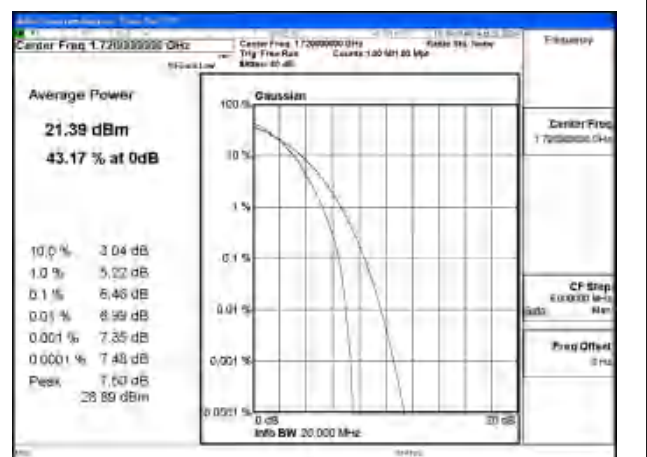


Fig.96

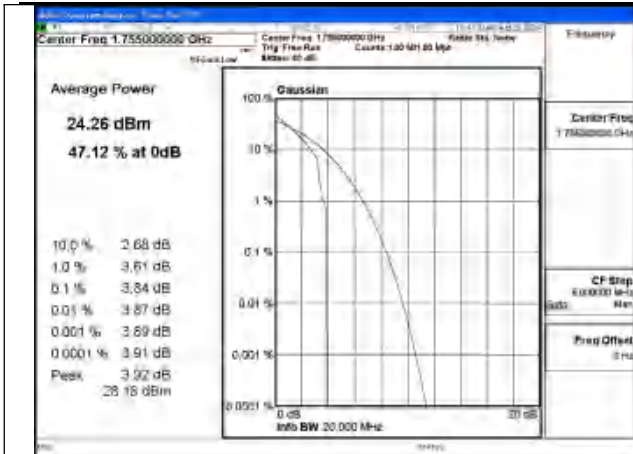


Fig.97

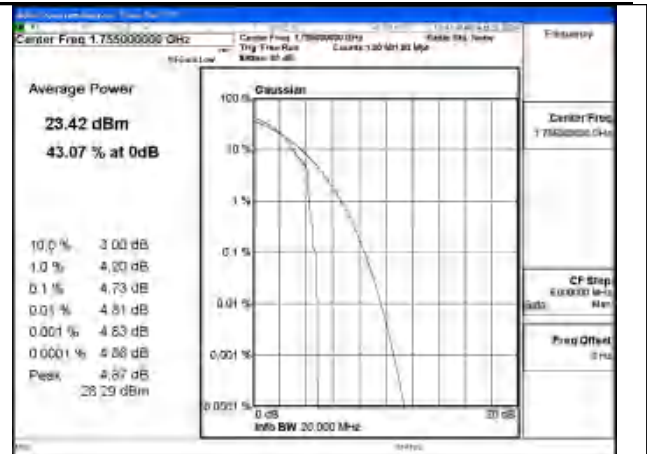


Fig.98

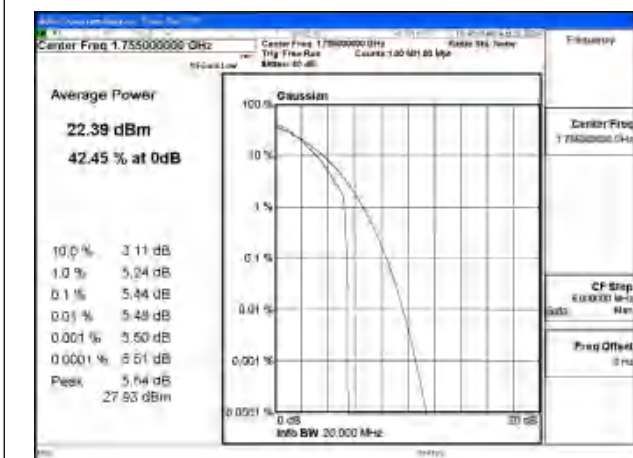


Fig.99

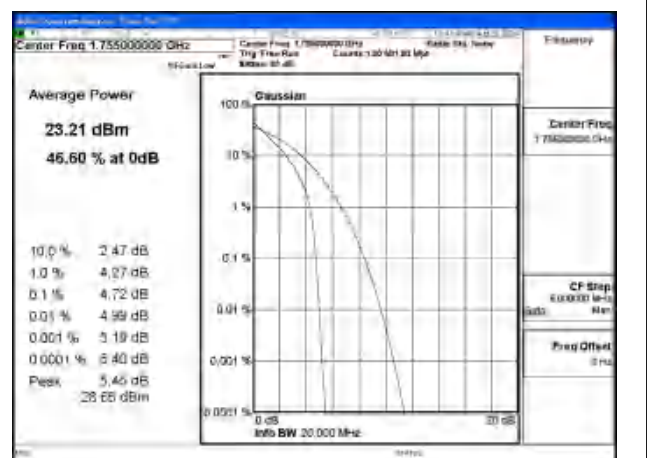


Fig.100

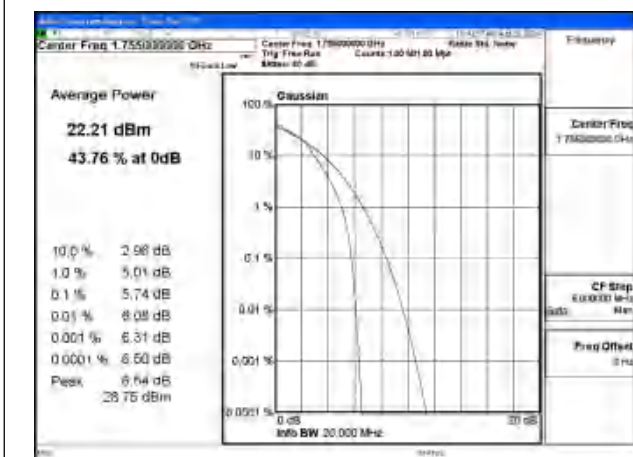


Fig.101

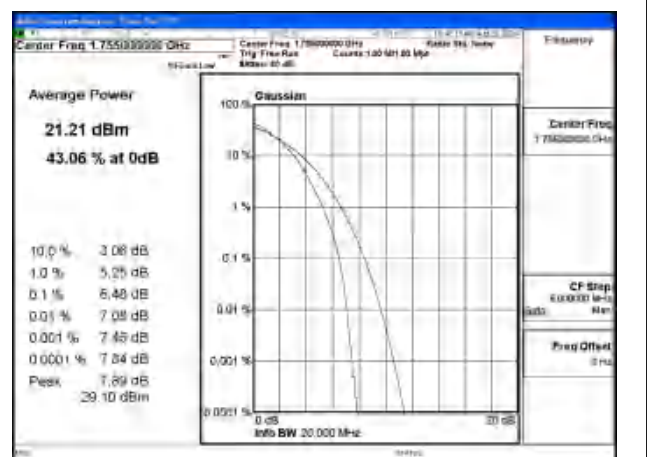


Fig.102

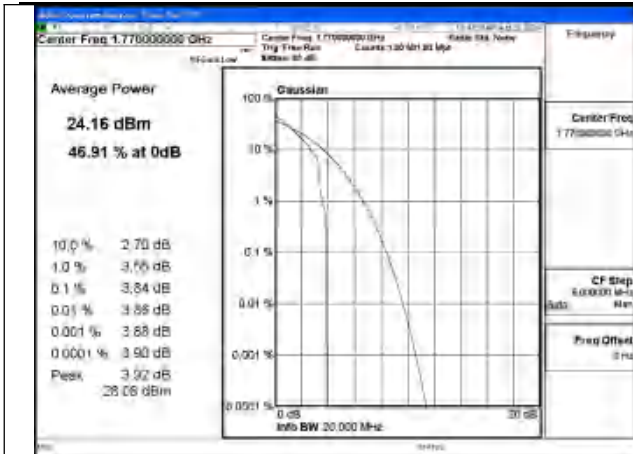


Fig.103

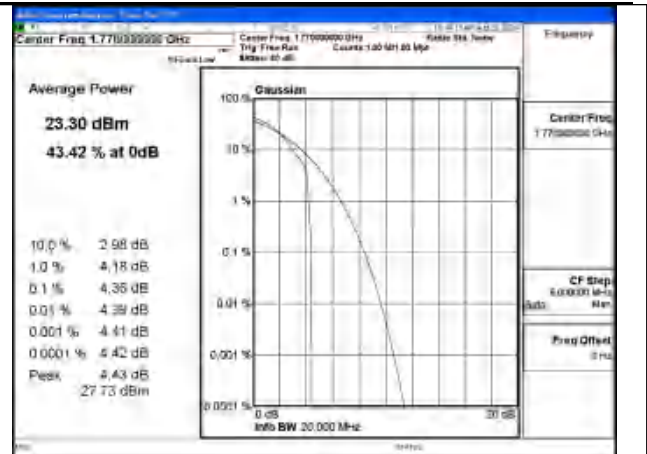


Fig.104

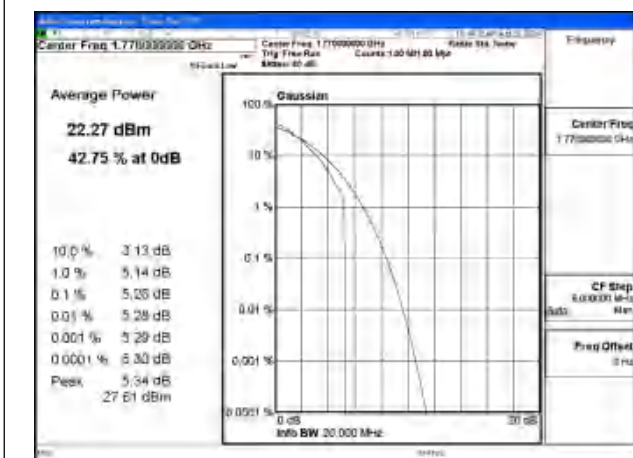


Fig.105

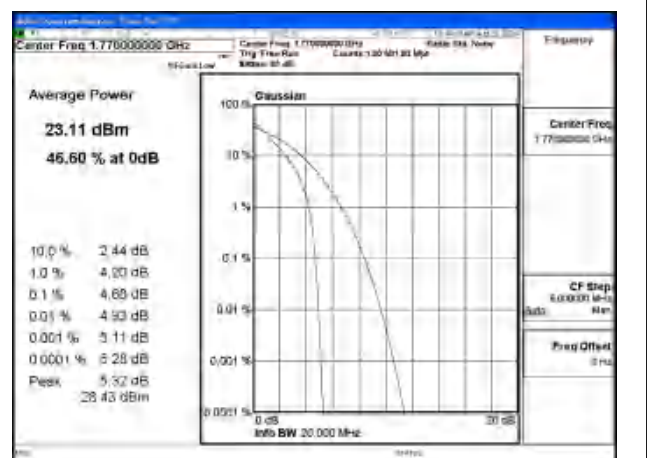


Fig.106

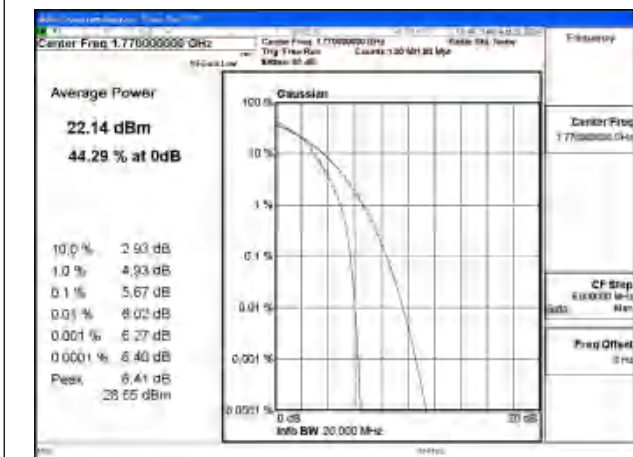


Fig.107

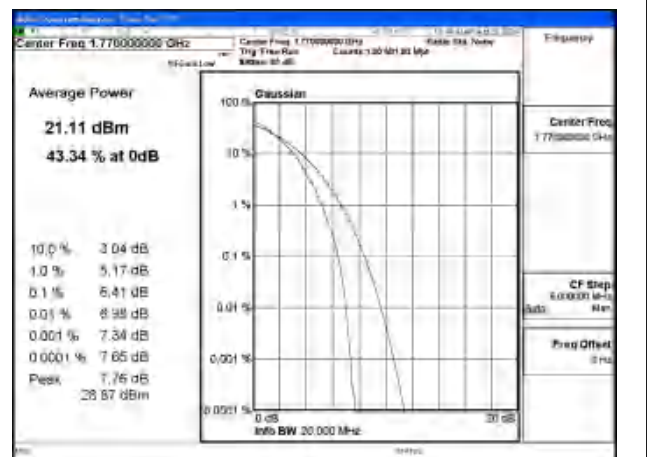


Fig.108



## 5 Spurious Emissions at antenna terminal

| Band | Carrier frequency (MHz) | Channel | BW | RB Size | RB Offset | Conducted Spurious Plot |
|------|-------------------------|---------|----|---------|-----------|-------------------------|
|      |                         |         |    |         |           | QPSK                    |
| 66   | 1720                    | 132072  | 20 | 1       | 0         | Fig.1                   |
| 66   | 1755                    | 132422  | 20 | 1       | 0         | Fig.2                   |
| 66   | 1770                    | 132572  | 20 | 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 |
|------|------|-------------------------|---------|-----|---------|-----------|-----------------|
| 66   | QPSK | 1710.7                  | 131979  | 1.4 | 1       | 0         | Fig.1           |
| 66   | QPSK | 1710.7                  | 131979  | 1.4 | 6       | 0         | Fig.2           |
| 66   | QPSK | 1779.3                  | 132665  | 1.4 | 1       | 5         | Fig.3           |
| 66   | QPSK | 1779.3                  | 132665  | 1.4 | 6       | 0         | Fig.4           |
| 66   | QPSK | 1711.5                  | 131987  | 3   | 1       | 0         | Fig.5           |
| 66   | QPSK | 1711.5                  | 131987  | 3   | 15      | 0         | Fig.6           |
| 66   | QPSK | 1778.5                  | 132657  | 3   | 1       | 14        | Fig.7           |
| 66   | QPSK | 1778.5                  | 132657  | 3   | 15      | 0         | Fig.8           |
| 66   | QPSK | 1712.5                  | 131997  | 5   | 1       | 0         | Fig.9           |
| 66   | QPSK | 1712.5                  | 131997  | 5   | 25      | 0         | Fig.10          |
| 66   | QPSK | 1777.5                  | 132647  | 5   | 1       | 24        | Fig.11          |
| 66   | QPSK | 1777.5                  | 132647  | 5   | 25      | 0         | Fig.12          |
| 66   | QPSK | 1715                    | 132022  | 10  | 1       | 0         | Fig.13          |
| 66   | QPSK | 1715                    | 132022  | 10  | 50      | 0         | Fig.14          |
| 66   | QPSK | 1775                    | 132622  | 10  | 1       | 49        | Fig.15          |
| 66   | QPSK | 1775                    | 132622  | 10  | 50      | 0         | Fig.16          |
| 66   | QPSK | 1717.5                  | 132047  | 15  | 1       | 0         | Fig.17          |
| 66   | QPSK | 1717.5                  | 132047  | 15  | 75      | 0         | Fig.18          |
| 66   | QPSK | 1772.5                  | 132597  | 15  | 1       | 74        | Fig.19          |
| 66   | QPSK | 1772.5                  | 132597  | 15  | 75      | 0         | Fig.20          |
| 66   | QPSK | 1720                    | 132072  | 20  | 1       | 0         | Fig.21          |
| 66   | QPSK | 1720                    | 132072  | 20  | 100     | 0         | Fig.22          |
| 66   | QPSK | 1770                    | 132572  | 20  | 1       | 99        | Fig.23          |
| 66   | QPSK | 1770                    | 132572  | 20  | 100     | 0         | Fig.24          |



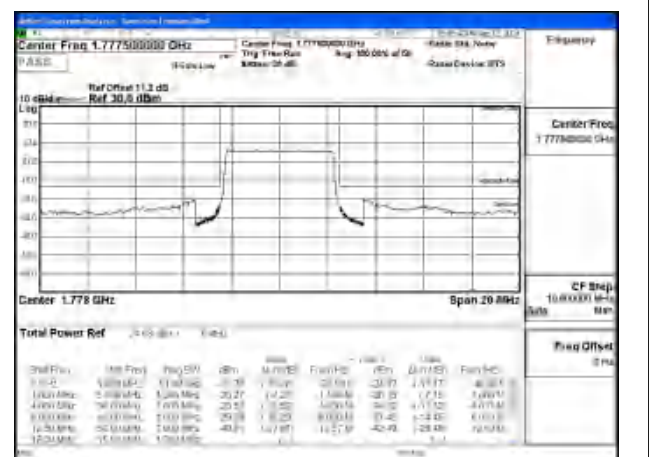
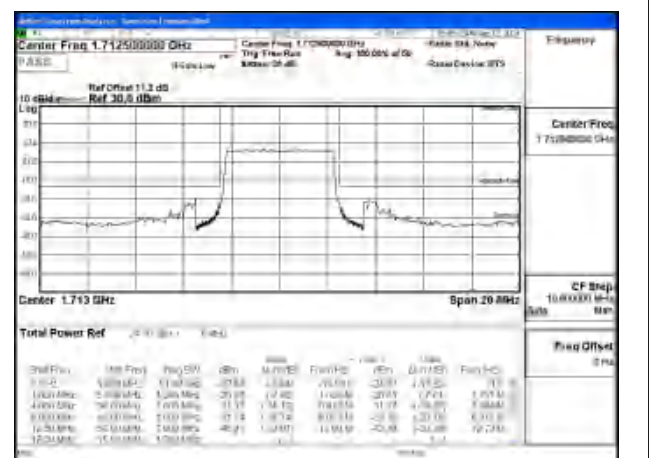
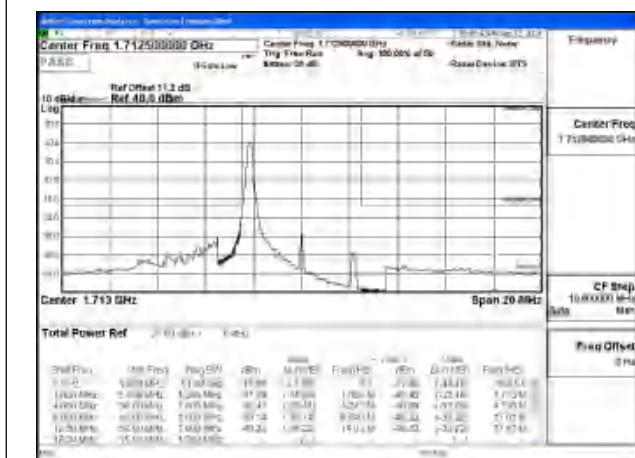
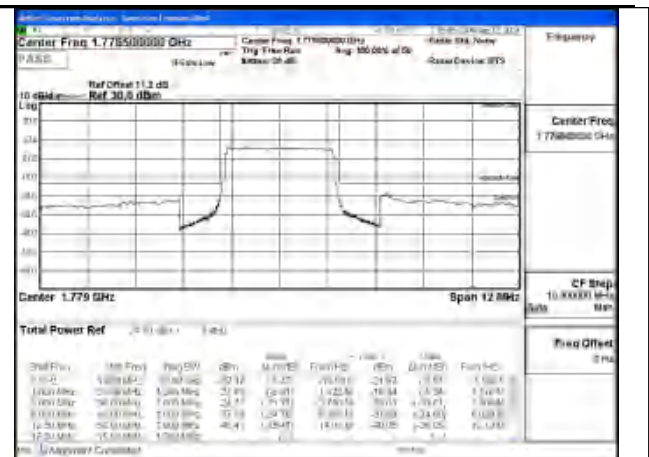
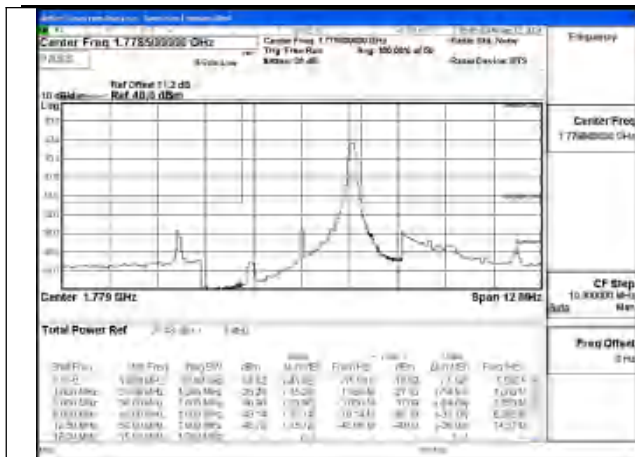




Fig.13



Fig.14



Fig.15

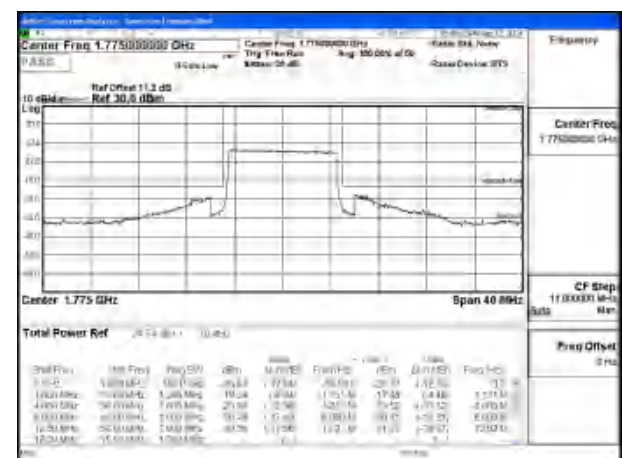


Fig.16

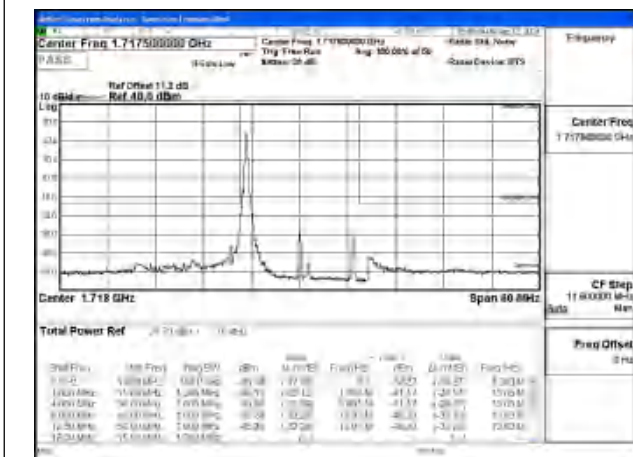


Fig.17

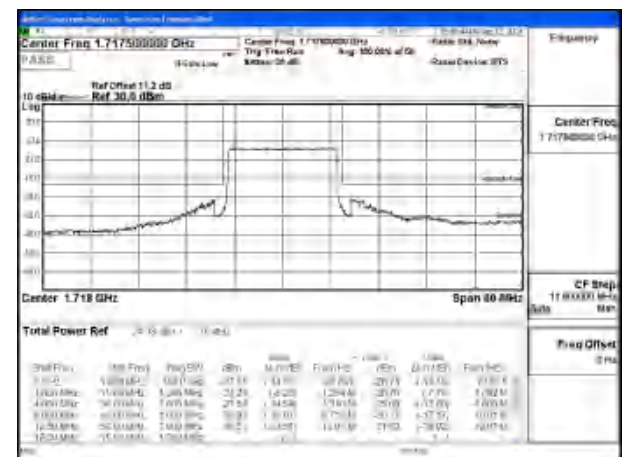


Fig.18



Fig.19

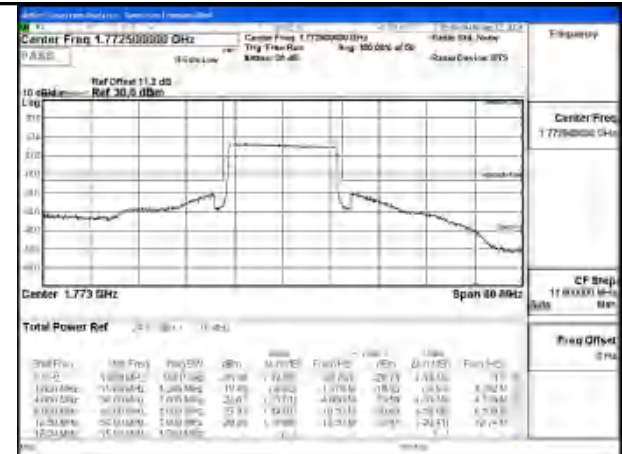


Fig.20

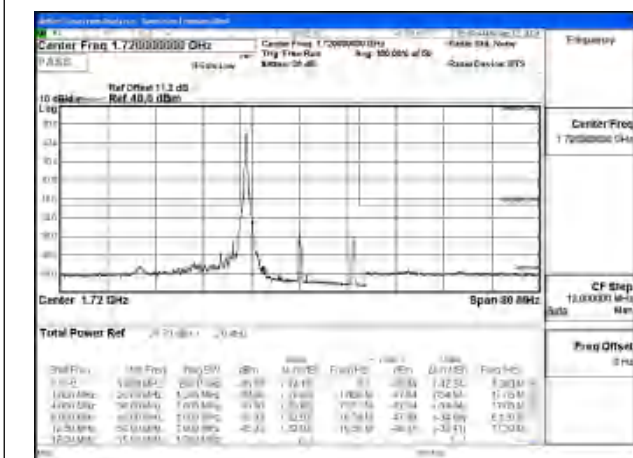


Fig.21

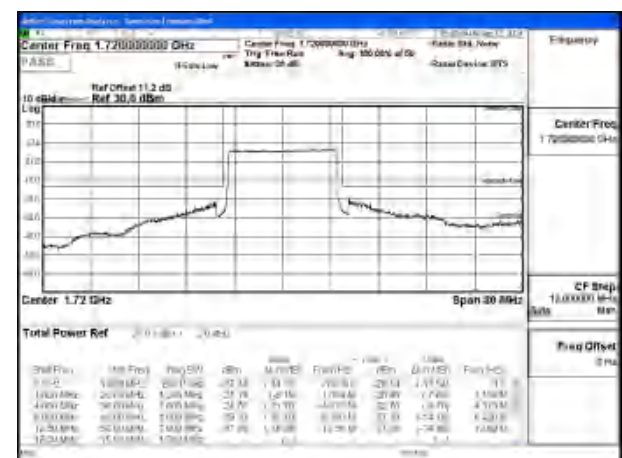


Fig.22



Fig.23

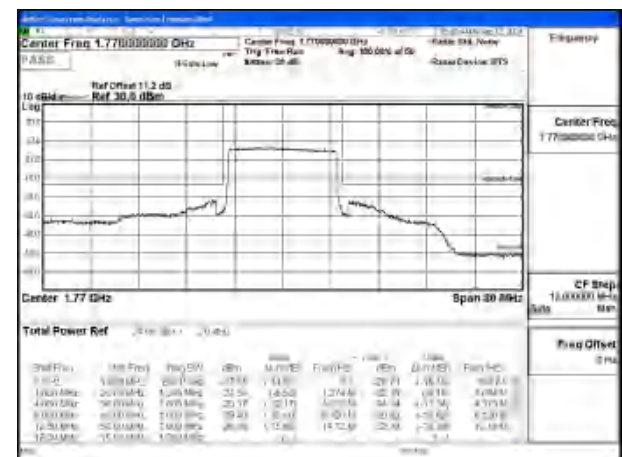


Fig.24



## 7 Frequency Stability

| Temperature(°C) | Voltage | Test Result (ppm) Band 66 Low Channel QPSK |        |        |        |        |        |
|-----------------|---------|--------------------------------------------|--------|--------|--------|--------|--------|
|                 |         | 1.4M                                       | 3M     | 5M     | 10M    | 15M    | 20M    |
| -10             | NV      | -0.005                                     | -0.001 | -0.002 | 0.001  | 0.004  | -0.001 |
| 0               | NV      | 0.006                                      | 0.003  | -0.003 | 0.002  | -0.001 | -0.003 |
| +10             | NV      | -0.005                                     | -0.003 | -0.001 | 0.001  | 0.002  | -0.001 |
| +20             | NV      | -0.010                                     | 0.004  | 0.001  | -0.002 | -0.002 | -0.002 |
| +30             | NV      | 0.006                                      | 0.002  | 0.002  | -0.001 | -0.001 | -0.001 |
| +40             | NV      | -0.009                                     | 0.000  | -0.002 | 0.000  | -0.001 | -0.003 |
| +55             | NV      | -0.008                                     | -0.002 | -0.001 | -0.003 | 0.002  | 0.001  |
| +20             | LV      | -0.001                                     | 0.002  | 0.001  | -0.002 | 0.003  | -0.001 |
| +20             | HV      | -0.015                                     | -0.003 | 0.000  | 0.001  | 0.002  | -0.001 |

| Temperature(°C) | Voltage | Test Result (ppm) Band 66 High Channel QPSK |        |        |        |        |       |
|-----------------|---------|---------------------------------------------|--------|--------|--------|--------|-------|
|                 |         | 1.4M                                        | 3M     | 5M     | 10M    | 15M    | 20M   |
| -10             | NV      | -0.008                                      | -0.001 | 0.001  | -0.002 | 0.003  | 0.002 |
| 0               | NV      | 0.009                                       | -0.001 | 0.001  | -0.001 | -0.003 | 0.002 |
| +10             | NV      | 0.006                                       | -0.001 | -0.002 | 0.000  | -0.002 | 0.001 |
| +20             | NV      | 0.002                                       | 0.004  | 0.002  | -0.002 | -0.004 | 0.002 |
| +30             | NV      | 0.004                                       | -0.001 | 0.002  | -0.001 | -0.003 | 0.003 |
| +40             | NV      | 0.004                                       | -0.003 | 0.001  | -0.001 | -0.003 | 0.002 |
| +55             | NV      | 0.008                                       | -0.004 | 0.001  | -0.002 | -0.004 | 0.003 |
| +20             | LV      | -0.011                                      | -0.002 | 0.002  | -0.003 | -0.003 | 0.004 |
| +20             | HV      | 0.006                                       | -0.001 | 0.000  | -0.001 | -0.004 | 0.002 |

**8 Effective Radiated Power and Effective Isotropic Radiated Power**

| Modulation | Carrier frequency (MHz) | UL Channel | BW  | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|-----|---------|-----------|-----------------------|-----------------|---------------|
| QPSK       | 1710.7                  | 131979     | 1.4 | 1       | 0         | 22.72                 | 21.52           | 0.142         |
| QPSK       | 1710.7                  | 131979     | 1.4 | 1       | 3         | 22.87                 | 21.67           | 0.147         |
| QPSK       | 1710.7                  | 131979     | 1.4 | 1       | 5         | 22.59                 | 21.39           | 0.138         |
| QPSK       | 1710.7                  | 131979     | 1.4 | 3       | 0         | 22.67                 | 21.47           | 0.140         |
| QPSK       | 1710.7                  | 131979     | 1.4 | 3       | 1         | 22.62                 | 21.42           | 0.139         |
| QPSK       | 1710.7                  | 131979     | 1.4 | 3       | 3         | 22.57                 | 21.37           | 0.137         |
| QPSK       | 1710.7                  | 131979     | 1.4 | 6       | 0         | 21.69                 | 20.49           | 0.112         |
| QPSK       | 1755                    | 132422     | 1.4 | 1       | 0         | 23.00                 | 21.80           | 0.151         |
| QPSK       | 1755                    | 132422     | 1.4 | 1       | 3         | 22.92                 | 21.72           | 0.149         |
| QPSK       | 1755                    | 132422     | 1.4 | 1       | 5         | 22.52                 | 21.32           | 0.136         |
| QPSK       | 1755                    | 132422     | 1.4 | 3       | 0         | 22.87                 | 21.67           | 0.147         |
| QPSK       | 1755                    | 132422     | 1.4 | 3       | 1         | 22.76                 | 21.56           | 0.143         |
| QPSK       | 1755                    | 132422     | 1.4 | 3       | 3         | 22.89                 | 21.69           | 0.148         |
| QPSK       | 1755                    | 132422     | 1.4 | 6       | 0         | 21.81                 | 20.61           | 0.115         |
| QPSK       | 1779.3                  | 132665     | 1.4 | 1       | 0         | 22.63                 | 21.43           | 0.139         |
| QPSK       | 1779.3                  | 132665     | 1.4 | 1       | 3         | 22.98                 | 21.78           | 0.151         |
| QPSK       | 1779.3                  | 132665     | 1.4 | 1       | 5         | 22.63                 | 21.43           | 0.139         |
| QPSK       | 1779.3                  | 132665     | 1.4 | 3       | 0         | 22.83                 | 21.63           | 0.146         |
| QPSK       | 1779.3                  | 132665     | 1.4 | 3       | 1         | 22.72                 | 21.52           | 0.142         |
| QPSK       | 1779.3                  | 132665     | 1.4 | 3       | 3         | 22.76                 | 21.56           | 0.143         |
| QPSK       | 1779.3                  | 132665     | 1.4 | 6       | 0         | 21.79                 | 20.59           | 0.115         |



| Modulation | Carrier frequency (MHz) | UL Channel | BW  | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|-----|---------|-----------|-----------------------|-----------------|---------------|
| 16QAM      | 1710.7                  | 131979     | 1.4 | 1       | 0         | 22.15                 | 20.95           | 0.124         |
| 16QAM      | 1710.7                  | 131979     | 1.4 | 1       | 3         | 21.85                 | 20.65           | 0.116         |
| 16QAM      | 1710.7                  | 131979     | 1.4 | 1       | 5         | 22.05                 | 20.85           | 0.122         |
| 16QAM      | 1710.7                  | 131979     | 1.4 | 3       | 0         | 21.79                 | 20.59           | 0.115         |
| 16QAM      | 1710.7                  | 131979     | 1.4 | 3       | 1         | 21.83                 | 20.63           | 0.116         |
| 16QAM      | 1710.7                  | 131979     | 1.4 | 3       | 3         | 21.87                 | 20.67           | 0.117         |
| 16QAM      | 1710.7                  | 131979     | 1.4 | 6       | 0         | 20.83                 | 19.63           | 0.092         |
| 16QAM      | 1755                    | 132422     | 1.4 | 1       | 0         | 22.28                 | 21.08           | 0.128         |
| 16QAM      | 1755                    | 132422     | 1.4 | 1       | 3         | 21.96                 | 20.76           | 0.119         |
| 16QAM      | 1755                    | 132422     | 1.4 | 1       | 5         | 22.22                 | 21.02           | 0.126         |
| 16QAM      | 1755                    | 132422     | 1.4 | 3       | 0         | 21.79                 | 20.59           | 0.115         |
| 16QAM      | 1755                    | 132422     | 1.4 | 3       | 1         | 22.01                 | 20.81           | 0.121         |
| 16QAM      | 1755                    | 132422     | 1.4 | 3       | 3         | 21.73                 | 20.53           | 0.113         |
| 16QAM      | 1755                    | 132422     | 1.4 | 6       | 0         | 20.92                 | 19.72           | 0.094         |
| 16QAM      | 1779.3                  | 132665     | 1.4 | 1       | 0         | 22.13                 | 20.93           | 0.124         |
| 16QAM      | 1779.3                  | 132665     | 1.4 | 1       | 3         | 22.17                 | 20.97           | 0.125         |
| 16QAM      | 1779.3                  | 132665     | 1.4 | 1       | 5         | 21.82                 | 20.62           | 0.115         |
| 16QAM      | 1779.3                  | 132665     | 1.4 | 3       | 0         | 22.14                 | 20.94           | 0.124         |
| 16QAM      | 1779.3                  | 132665     | 1.4 | 3       | 1         | 21.90                 | 20.70           | 0.117         |
| 16QAM      | 1779.3                  | 132665     | 1.4 | 3       | 3         | 21.93                 | 20.73           | 0.118         |
| 16QAM      | 1779.3                  | 132665     | 1.4 | 6       | 0         | 20.73                 | 19.53           | 0.090         |
| 64QAM      | 1710.7                  | 131979     | 1.4 | 1       | 0         | 21.64                 | 20.44           | 0.111         |
| 64QAM      | 1710.7                  | 131979     | 1.4 | 1       | 3         | 22.02                 | 20.82           | 0.121         |
| 64QAM      | 1710.7                  | 131979     | 1.4 | 1       | 5         | 21.79                 | 20.59           | 0.115         |
| 64QAM      | 1710.7                  | 131979     | 1.4 | 3       | 0         | 21.65                 | 20.45           | 0.111         |
| 64QAM      | 1710.7                  | 131979     | 1.4 | 3       | 1         | 21.75                 | 20.55           | 0.114         |
| 64QAM      | 1710.7                  | 131979     | 1.4 | 3       | 3         | 21.79                 | 20.59           | 0.115         |
| 64QAM      | 1710.7                  | 131979     | 1.4 | 6       | 0         | 20.84                 | 19.64           | 0.092         |
| 64QAM      | 1755                    | 132422     | 1.4 | 1       | 0         | 21.83                 | 20.63           | 0.116         |
| 64QAM      | 1755                    | 132422     | 1.4 | 1       | 3         | 21.90                 | 20.70           | 0.117         |
| 64QAM      | 1755                    | 132422     | 1.4 | 1       | 5         | 21.89                 | 20.69           | 0.117         |
| 64QAM      | 1755                    | 132422     | 1.4 | 3       | 0         | 21.86                 | 20.66           | 0.116         |
| 64QAM      | 1755                    | 132422     | 1.4 | 3       | 1         | 21.82                 | 20.62           | 0.115         |
| 64QAM      | 1755                    | 132422     | 1.4 | 3       | 3         | 21.94                 | 20.74           | 0.119         |
| 64QAM      | 1755                    | 132422     | 1.4 | 6       | 0         | 20.76                 | 19.56           | 0.090         |
| 64QAM      | 1779.3                  | 132665     | 1.4 | 1       | 0         | 22.02                 | 20.82           | 0.121         |
| 64QAM      | 1779.3                  | 132665     | 1.4 | 1       | 3         | 21.76                 | 20.56           | 0.114         |
| 64QAM      | 1779.3                  | 132665     | 1.4 | 1       | 5         | 22.02                 | 20.82           | 0.121         |
| 64QAM      | 1779.3                  | 132665     | 1.4 | 3       | 0         | 21.92                 | 20.72           | 0.118         |
| 64QAM      | 1779.3                  | 132665     | 1.4 | 3       | 1         | 21.79                 | 20.59           | 0.115         |
| 64QAM      | 1779.3                  | 132665     | 1.4 | 3       | 3         | 21.76                 | 20.56           | 0.114         |
| 64QAM      | 1779.3                  | 132665     | 1.4 | 6       | 0         | 20.74                 | 19.54           | 0.090         |



| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|-----------------|---------------|
| QPSK       | 1711.5                  | 131987     | 3  | 1       | 0         | 22.55                 | 21.35           | 0.136         |
| QPSK       | 1711.5                  | 131987     | 3  | 1       | 8         | 22.68                 | 21.48           | 0.141         |
| QPSK       | 1711.5                  | 131987     | 3  | 1       | 14        | 22.69                 | 21.49           | 0.141         |
| QPSK       | 1711.5                  | 131987     | 3  | 8       | 0         | 21.71                 | 20.51           | 0.112         |
| QPSK       | 1711.5                  | 131987     | 3  | 8       | 4         | 21.84                 | 20.64           | 0.116         |
| QPSK       | 1711.5                  | 131987     | 3  | 8       | 7         | 21.68                 | 20.48           | 0.112         |
| QPSK       | 1711.5                  | 131987     | 3  | 15      | 0         | 21.76                 | 20.56           | 0.114         |
| QPSK       | 1755                    | 132422     | 3  | 1       | 0         | 22.46                 | 21.26           | 0.134         |
| QPSK       | 1755                    | 132422     | 3  | 1       | 8         | 22.71                 | 21.51           | 0.142         |
| QPSK       | 1755                    | 132422     | 3  | 1       | 14        | 22.68                 | 21.48           | 0.141         |
| QPSK       | 1755                    | 132422     | 3  | 8       | 0         | 21.69                 | 20.49           | 0.112         |
| QPSK       | 1755                    | 132422     | 3  | 8       | 4         | 21.86                 | 20.66           | 0.116         |
| QPSK       | 1755                    | 132422     | 3  | 8       | 7         | 21.79                 | 20.59           | 0.115         |
| QPSK       | 1755                    | 132422     | 3  | 15      | 0         | 21.69                 | 20.49           | 0.112         |
| QPSK       | 1778.5                  | 132657     | 3  | 1       | 0         | 22.76                 | 21.56           | 0.143         |
| QPSK       | 1778.5                  | 132657     | 3  | 1       | 8         | 22.83                 | 21.63           | 0.146         |
| QPSK       | 1778.5                  | 132657     | 3  | 1       | 14        | 22.71                 | 21.51           | 0.142         |
| QPSK       | 1778.5                  | 132657     | 3  | 8       | 0         | 21.72                 | 20.52           | 0.113         |
| QPSK       | 1778.5                  | 132657     | 3  | 8       | 4         | 21.78                 | 20.58           | 0.114         |
| QPSK       | 1778.5                  | 132657     | 3  | 8       | 7         | 21.76                 | 20.56           | 0.114         |
| QPSK       | 1778.5                  | 132657     | 3  | 15      | 0         | 21.62                 | 20.42           | 0.110         |



| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|-----------------|---------------|
| 16QAM      | 1711.5                  | 131987     | 3  | 1       | 0         | 21.93                 | 20.73           | 0.118         |
| 16QAM      | 1711.5                  | 131987     | 3  | 1       | 8         | 22.19                 | 20.99           | 0.126         |
| 16QAM      | 1711.5                  | 131987     | 3  | 1       | 14        | 22.03                 | 20.83           | 0.121         |
| 16QAM      | 1711.5                  | 131987     | 3  | 8       | 0         | 20.71                 | 19.51           | 0.089         |
| 16QAM      | 1711.5                  | 131987     | 3  | 8       | 4         | 20.88                 | 19.68           | 0.093         |
| 16QAM      | 1711.5                  | 131987     | 3  | 8       | 7         | 21.05                 | 19.85           | 0.097         |
| 16QAM      | 1711.5                  | 131987     | 3  | 15      | 0         | 20.78                 | 19.58           | 0.091         |
| 16QAM      | 1755                    | 132422     | 3  | 1       | 0         | 21.91                 | 20.71           | 0.118         |
| 16QAM      | 1755                    | 132422     | 3  | 1       | 8         | 22.24                 | 21.04           | 0.127         |
| 16QAM      | 1755                    | 132422     | 3  | 1       | 14        | 22.01                 | 20.81           | 0.121         |
| 16QAM      | 1755                    | 132422     | 3  | 8       | 0         | 20.70                 | 19.50           | 0.089         |
| 16QAM      | 1755                    | 132422     | 3  | 8       | 4         | 20.80                 | 19.60           | 0.091         |
| 16QAM      | 1755                    | 132422     | 3  | 8       | 7         | 20.79                 | 19.59           | 0.091         |
| 16QAM      | 1755                    | 132422     | 3  | 15      | 0         | 20.88                 | 19.68           | 0.093         |
| 16QAM      | 1778.5                  | 132657     | 3  | 1       | 0         | 22.20                 | 21.00           | 0.126         |
| 16QAM      | 1778.5                  | 132657     | 3  | 1       | 8         | 22.58                 | 21.38           | 0.137         |
| 16QAM      | 1778.5                  | 132657     | 3  | 1       | 14        | 21.76                 | 20.56           | 0.114         |
| 16QAM      | 1778.5                  | 132657     | 3  | 8       | 0         | 20.86                 | 19.66           | 0.092         |
| 16QAM      | 1778.5                  | 132657     | 3  | 8       | 4         | 20.92                 | 19.72           | 0.094         |
| 16QAM      | 1778.5                  | 132657     | 3  | 8       | 7         | 20.83                 | 19.63           | 0.092         |
| 16QAM      | 1778.5                  | 132657     | 3  | 15      | 0         | 20.79                 | 19.59           | 0.091         |
| 64QAM      | 1711.5                  | 131987     | 3  | 1       | 0         | 21.81                 | 20.61           | 0.115         |
| 64QAM      | 1711.5                  | 131987     | 3  | 1       | 8         | 21.85                 | 20.65           | 0.116         |
| 64QAM      | 1711.5                  | 131987     | 3  | 1       | 14        | 21.81                 | 20.61           | 0.115         |
| 64QAM      | 1711.5                  | 131987     | 3  | 8       | 0         | 20.63                 | 19.43           | 0.088         |
| 64QAM      | 1711.5                  | 131987     | 3  | 8       | 4         | 20.79                 | 19.59           | 0.091         |
| 64QAM      | 1711.5                  | 131987     | 3  | 8       | 7         | 20.80                 | 19.60           | 0.091         |
| 64QAM      | 1711.5                  | 131987     | 3  | 15      | 0         | 20.76                 | 19.56           | 0.090         |
| 64QAM      | 1755                    | 132422     | 3  | 1       | 0         | 21.85                 | 20.65           | 0.116         |
| 64QAM      | 1755                    | 132422     | 3  | 1       | 8         | 21.95                 | 20.75           | 0.119         |
| 64QAM      | 1755                    | 132422     | 3  | 1       | 14        | 21.67                 | 20.47           | 0.111         |
| 64QAM      | 1755                    | 132422     | 3  | 8       | 0         | 20.74                 | 19.54           | 0.090         |
| 64QAM      | 1755                    | 132422     | 3  | 8       | 4         | 20.78                 | 19.58           | 0.091         |
| 64QAM      | 1755                    | 132422     | 3  | 8       | 7         | 20.66                 | 19.46           | 0.088         |
| 64QAM      | 1755                    | 132422     | 3  | 15      | 0         | 20.72                 | 19.52           | 0.090         |
| 64QAM      | 1778.5                  | 132657     | 3  | 1       | 0         | 21.50                 | 20.30           | 0.107         |
| 64QAM      | 1778.5                  | 132657     | 3  | 1       | 8         | 21.84                 | 20.64           | 0.116         |
| 64QAM      | 1778.5                  | 132657     | 3  | 1       | 14        | 21.45                 | 20.25           | 0.106         |
| 64QAM      | 1778.5                  | 132657     | 3  | 8       | 0         | 20.63                 | 19.43           | 0.088         |
| 64QAM      | 1778.5                  | 132657     | 3  | 8       | 4         | 20.79                 | 19.59           | 0.091         |
| 64QAM      | 1778.5                  | 132657     | 3  | 8       | 7         | 20.71                 | 19.51           | 0.089         |
| 64QAM      | 1778.5                  | 132657     | 3  | 15      | 0         | 20.76                 | 19.56           | 0.090         |



| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|-----------------|---------------|
| QPSK       | 1712.5                  | 131997     | 5  | 1       | 0         | 22.73                 | 21.53           | 0.142         |
| QPSK       | 1712.5                  | 131997     | 5  | 1       | 12        | 22.77                 | 21.57           | 0.144         |
| QPSK       | 1712.5                  | 131997     | 5  | 1       | 24        | 22.77                 | 21.57           | 0.144         |
| QPSK       | 1712.5                  | 131997     | 5  | 12      | 0         | 21.83                 | 20.63           | 0.116         |
| QPSK       | 1712.5                  | 131997     | 5  | 12      | 7         | 21.86                 | 20.66           | 0.116         |
| QPSK       | 1712.5                  | 131997     | 5  | 12      | 13        | 21.75                 | 20.55           | 0.114         |
| QPSK       | 1712.5                  | 131997     | 5  | 25      | 0         | 21.72                 | 20.52           | 0.113         |
| QPSK       | 1755                    | 132422     | 5  | 1       | 0         | 22.96                 | 21.76           | 0.150         |
| QPSK       | 1755                    | 132422     | 5  | 1       | 12        | 22.90                 | 21.70           | 0.148         |
| QPSK       | 1755                    | 132422     | 5  | 1       | 24        | 22.62                 | 21.42           | 0.139         |
| QPSK       | 1755                    | 132422     | 5  | 12      | 0         | 21.71                 | 20.51           | 0.112         |
| QPSK       | 1755                    | 132422     | 5  | 12      | 7         | 21.91                 | 20.71           | 0.118         |
| QPSK       | 1755                    | 132422     | 5  | 12      | 13        | 21.71                 | 20.51           | 0.112         |
| QPSK       | 1755                    | 132422     | 5  | 25      | 0         | 21.82                 | 20.62           | 0.115         |
| QPSK       | 1777.5                  | 132647     | 5  | 1       | 0         | 22.60                 | 21.40           | 0.138         |
| QPSK       | 1777.5                  | 132647     | 5  | 1       | 12        | 22.94                 | 21.74           | 0.149         |
| QPSK       | 1777.5                  | 132647     | 5  | 1       | 24        | 22.85                 | 21.65           | 0.146         |
| QPSK       | 1777.5                  | 132647     | 5  | 12      | 0         | 21.59                 | 20.39           | 0.109         |
| QPSK       | 1777.5                  | 132647     | 5  | 12      | 7         | 21.59                 | 20.39           | 0.109         |
| QPSK       | 1777.5                  | 132647     | 5  | 12      | 13        | 21.63                 | 20.43           | 0.110         |
| QPSK       | 1777.5                  | 132647     | 5  | 25      | 0         | 21.57                 | 20.37           | 0.109         |



| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|-----------------|---------------|
| 16QAM      | 1712.5                  | 131997     | 5  | 1       | 0         | 22.02                 | 20.82           | 0.121         |
| 16QAM      | 1712.5                  | 131997     | 5  | 1       | 12        | 22.24                 | 21.04           | 0.127         |
| 16QAM      | 1712.5                  | 131997     | 5  | 1       | 24        | 22.26                 | 21.06           | 0.128         |
| 16QAM      | 1712.5                  | 131997     | 5  | 12      | 0         | 20.80                 | 19.60           | 0.091         |
| 16QAM      | 1712.5                  | 131997     | 5  | 12      | 7         | 20.85                 | 19.65           | 0.092         |
| 16QAM      | 1712.5                  | 131997     | 5  | 12      | 13        | 20.76                 | 19.56           | 0.090         |
| 16QAM      | 1712.5                  | 131997     | 5  | 25      | 0         | 20.66                 | 19.46           | 0.088         |
| 16QAM      | 1755                    | 132422     | 5  | 1       | 0         | 21.84                 | 20.64           | 0.116         |
| 16QAM      | 1755                    | 132422     | 5  | 1       | 12        | 21.84                 | 20.64           | 0.116         |
| 16QAM      | 1755                    | 132422     | 5  | 1       | 24        | 22.01                 | 20.81           | 0.121         |
| 16QAM      | 1755                    | 132422     | 5  | 12      | 0         | 20.64                 | 19.44           | 0.088         |
| 16QAM      | 1755                    | 132422     | 5  | 12      | 7         | 20.96                 | 19.76           | 0.095         |
| 16QAM      | 1755                    | 132422     | 5  | 12      | 13        | 20.86                 | 19.66           | 0.092         |
| 16QAM      | 1755                    | 132422     | 5  | 25      | 0         | 20.81                 | 19.61           | 0.091         |
| 16QAM      | 1777.5                  | 132647     | 5  | 1       | 0         | 22.20                 | 21.00           | 0.126         |
| 16QAM      | 1777.5                  | 132647     | 5  | 1       | 12        | 21.74                 | 20.54           | 0.113         |
| 16QAM      | 1777.5                  | 132647     | 5  | 1       | 24        | 22.12                 | 20.92           | 0.124         |
| 16QAM      | 1777.5                  | 132647     | 5  | 12      | 0         | 20.55                 | 19.35           | 0.086         |
| 16QAM      | 1777.5                  | 132647     | 5  | 12      | 7         | 20.87                 | 19.67           | 0.093         |
| 16QAM      | 1777.5                  | 132647     | 5  | 12      | 13        | 20.78                 | 19.58           | 0.091         |
| 16QAM      | 1777.5                  | 132647     | 5  | 25      | 0         | 20.53                 | 19.33           | 0.086         |
| 64QAM      | 1712.5                  | 131997     | 5  | 1       | 0         | 21.71                 | 20.51           | 0.112         |
| 64QAM      | 1712.5                  | 131997     | 5  | 1       | 12        | 21.72                 | 20.52           | 0.113         |
| 64QAM      | 1712.5                  | 131997     | 5  | 1       | 24        | 21.84                 | 20.64           | 0.116         |
| 64QAM      | 1712.5                  | 131997     | 5  | 12      | 0         | 20.75                 | 19.55           | 0.090         |
| 64QAM      | 1712.5                  | 131997     | 5  | 12      | 7         | 20.88                 | 19.68           | 0.093         |
| 64QAM      | 1712.5                  | 131997     | 5  | 12      | 13        | 20.78                 | 19.58           | 0.091         |
| 64QAM      | 1712.5                  | 131997     | 5  | 25      | 0         | 20.65                 | 19.45           | 0.088         |
| 64QAM      | 1755                    | 132422     | 5  | 1       | 0         | 21.64                 | 20.44           | 0.111         |
| 64QAM      | 1755                    | 132422     | 5  | 1       | 12        | 21.36                 | 20.16           | 0.104         |
| 64QAM      | 1755                    | 132422     | 5  | 1       | 24        | 21.69                 | 20.49           | 0.112         |
| 64QAM      | 1755                    | 132422     | 5  | 12      | 0         | 20.63                 | 19.43           | 0.088         |
| 64QAM      | 1755                    | 132422     | 5  | 12      | 7         | 20.61                 | 19.41           | 0.087         |
| 64QAM      | 1755                    | 132422     | 5  | 12      | 13        | 20.66                 | 19.46           | 0.088         |
| 64QAM      | 1755                    | 132422     | 5  | 25      | 0         | 20.52                 | 19.32           | 0.086         |
| 64QAM      | 1777.5                  | 132647     | 5  | 1       | 0         | 21.56                 | 20.36           | 0.109         |
| 64QAM      | 1777.5                  | 132647     | 5  | 1       | 12        | 21.82                 | 20.62           | 0.115         |
| 64QAM      | 1777.5                  | 132647     | 5  | 1       | 24        | 21.81                 | 20.61           | 0.115         |
| 64QAM      | 1777.5                  | 132647     | 5  | 12      | 0         | 20.60                 | 19.40           | 0.087         |
| 64QAM      | 1777.5                  | 132647     | 5  | 12      | 7         | 20.65                 | 19.45           | 0.088         |
| 64QAM      | 1777.5                  | 132647     | 5  | 12      | 13        | 20.62                 | 19.42           | 0.087         |
| 64QAM      | 1777.5                  | 132647     | 5  | 25      | 0         | 20.63                 | 19.43           | 0.088         |



| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|-----------------|---------------|
| QPSK       | 1715                    | 132022     | 10 | 1       | 0         | 22.55                 | 21.35           | 0.136         |
| QPSK       | 1715                    | 132022     | 10 | 1       | 25        | 22.94                 | 21.74           | 0.149         |
| QPSK       | 1715                    | 132022     | 10 | 1       | 49        | 22.89                 | 21.69           | 0.148         |
| QPSK       | 1715                    | 132022     | 10 | 25      | 0         | 21.38                 | 20.18           | 0.104         |
| QPSK       | 1715                    | 132022     | 10 | 25      | 12        | 21.56                 | 20.36           | 0.109         |
| QPSK       | 1715                    | 132022     | 10 | 25      | 25        | 21.68                 | 20.48           | 0.112         |
| QPSK       | 1715                    | 132022     | 10 | 50      | 0         | 21.51                 | 20.31           | 0.107         |
| QPSK       | 1755                    | 132422     | 10 | 1       | 0         | 22.82                 | 21.62           | 0.145         |
| QPSK       | 1755                    | 132422     | 10 | 1       | 25        | 22.40                 | 21.20           | 0.132         |
| QPSK       | 1755                    | 132422     | 10 | 1       | 49        | 22.26                 | 21.06           | 0.128         |
| QPSK       | 1755                    | 132422     | 10 | 25      | 0         | 21.49                 | 20.29           | 0.107         |
| QPSK       | 1755                    | 132422     | 10 | 25      | 12        | 21.55                 | 20.35           | 0.108         |
| QPSK       | 1755                    | 132422     | 10 | 25      | 25        | 21.54                 | 20.34           | 0.108         |
| QPSK       | 1755                    | 132422     | 10 | 50      | 0         | 21.52                 | 20.32           | 0.108         |
| QPSK       | 1775                    | 132622     | 10 | 1       | 0         | 22.76                 | 21.56           | 0.143         |
| QPSK       | 1775                    | 132622     | 10 | 1       | 25        | 22.73                 | 21.53           | 0.142         |
| QPSK       | 1775                    | 132622     | 10 | 1       | 49        | 22.78                 | 21.58           | 0.144         |
| QPSK       | 1775                    | 132622     | 10 | 25      | 0         | 21.37                 | 20.17           | 0.104         |
| QPSK       | 1775                    | 132622     | 10 | 25      | 12        | 21.53                 | 20.33           | 0.108         |
| QPSK       | 1775                    | 132622     | 10 | 25      | 25        | 21.60                 | 20.40           | 0.110         |
| QPSK       | 1775                    | 132622     | 10 | 50      | 0         | 21.51                 | 20.31           | 0.107         |



| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|-----------------|---------------|
| 16QAM      | 1715                    | 132022     | 10 | 1       | 0         | 21.63                 | 20.43           | 0.110         |
| 16QAM      | 1715                    | 132022     | 10 | 1       | 25        | 21.43                 | 20.23           | 0.105         |
| 16QAM      | 1715                    | 132022     | 10 | 1       | 49        | 22.23                 | 21.03           | 0.127         |
| 16QAM      | 1715                    | 132022     | 10 | 25      | 0         | 20.42                 | 19.22           | 0.084         |
| 16QAM      | 1715                    | 132022     | 10 | 25      | 12        | 20.59                 | 19.39           | 0.087         |
| 16QAM      | 1715                    | 132022     | 10 | 25      | 25        | 20.75                 | 19.55           | 0.090         |
| 16QAM      | 1715                    | 132022     | 10 | 50      | 0         | 20.58                 | 19.38           | 0.087         |
| 16QAM      | 1755                    | 132422     | 10 | 1       | 0         | 22.21                 | 21.01           | 0.126         |
| 16QAM      | 1755                    | 132422     | 10 | 1       | 25        | 21.81                 | 20.61           | 0.115         |
| 16QAM      | 1755                    | 132422     | 10 | 1       | 49        | 21.51                 | 20.31           | 0.107         |
| 16QAM      | 1755                    | 132422     | 10 | 25      | 0         | 20.67                 | 19.47           | 0.089         |
| 16QAM      | 1755                    | 132422     | 10 | 25      | 12        | 20.48                 | 19.28           | 0.085         |
| 16QAM      | 1755                    | 132422     | 10 | 25      | 25        | 20.50                 | 19.30           | 0.085         |
| 16QAM      | 1755                    | 132422     | 10 | 50      | 0         | 20.58                 | 19.38           | 0.087         |
| 16QAM      | 1775                    | 132622     | 10 | 1       | 0         | 21.51                 | 20.31           | 0.107         |
| 16QAM      | 1775                    | 132622     | 10 | 1       | 25        | 21.44                 | 20.24           | 0.106         |
| 16QAM      | 1775                    | 132622     | 10 | 1       | 49        | 21.58                 | 20.38           | 0.109         |
| 16QAM      | 1775                    | 132622     | 10 | 25      | 0         | 20.41                 | 19.21           | 0.083         |
| 16QAM      | 1775                    | 132622     | 10 | 25      | 12        | 20.50                 | 19.30           | 0.085         |
| 16QAM      | 1775                    | 132622     | 10 | 25      | 25        | 20.47                 | 19.27           | 0.085         |
| 16QAM      | 1775                    | 132622     | 10 | 50      | 0         | 20.52                 | 19.32           | 0.086         |
| 64QAM      | 1715                    | 132022     | 10 | 1       | 0         | 21.18                 | 19.98           | 0.100         |
| 64QAM      | 1715                    | 132022     | 10 | 1       | 25        | 21.79                 | 20.59           | 0.115         |
| 64QAM      | 1715                    | 132022     | 10 | 1       | 49        | 21.72                 | 20.52           | 0.113         |
| 64QAM      | 1715                    | 132022     | 10 | 25      | 0         | 20.42                 | 19.22           | 0.084         |
| 64QAM      | 1715                    | 132022     | 10 | 25      | 12        | 20.56                 | 19.36           | 0.086         |
| 64QAM      | 1715                    | 132022     | 10 | 25      | 25        | 20.58                 | 19.38           | 0.087         |
| 64QAM      | 1715                    | 132022     | 10 | 50      | 0         | 20.55                 | 19.35           | 0.086         |
| 64QAM      | 1755                    | 132422     | 10 | 1       | 0         | 21.63                 | 20.43           | 0.110         |
| 64QAM      | 1755                    | 132422     | 10 | 1       | 25        | 21.89                 | 20.69           | 0.117         |
| 64QAM      | 1755                    | 132422     | 10 | 1       | 49        | 21.54                 | 20.34           | 0.108         |
| 64QAM      | 1755                    | 132422     | 10 | 25      | 0         | 20.60                 | 19.40           | 0.087         |
| 64QAM      | 1755                    | 132422     | 10 | 25      | 12        | 20.52                 | 19.32           | 0.086         |
| 64QAM      | 1755                    | 132422     | 10 | 25      | 25        | 20.63                 | 19.43           | 0.088         |
| 64QAM      | 1755                    | 132422     | 10 | 50      | 0         | 20.56                 | 19.36           | 0.086         |
| 64QAM      | 1775                    | 132622     | 10 | 1       | 0         | 21.48                 | 20.28           | 0.107         |
| 64QAM      | 1775                    | 132622     | 10 | 1       | 25        | 21.53                 | 20.33           | 0.108         |
| 64QAM      | 1775                    | 132622     | 10 | 1       | 49        | 21.61                 | 20.41           | 0.110         |
| 64QAM      | 1775                    | 132622     | 10 | 25      | 0         | 20.42                 | 19.22           | 0.084         |
| 64QAM      | 1775                    | 132622     | 10 | 25      | 12        | 20.46                 | 19.26           | 0.084         |
| 64QAM      | 1775                    | 132622     | 10 | 25      | 25        | 20.62                 | 19.42           | 0.087         |
| 64QAM      | 1775                    | 132622     | 10 | 50      | 0         | 20.52                 | 19.32           | 0.086         |



| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|-----------------|---------------|
| QPSK       | 1717.5                  | 132047     | 15 | 1       | 0         | 22.77                 | 21.57           | 0.144         |
| QPSK       | 1717.5                  | 132047     | 15 | 1       | 37        | 22.58                 | 21.38           | 0.137         |
| QPSK       | 1717.5                  | 132047     | 15 | 1       | 74        | 23.11                 | 21.91           | 0.155         |
| QPSK       | 1717.5                  | 132047     | 15 | 36      | 0         | 21.46                 | 20.26           | 0.106         |
| QPSK       | 1717.5                  | 132047     | 15 | 36      | 29        | 21.75                 | 20.55           | 0.114         |
| QPSK       | 1717.5                  | 132047     | 15 | 36      | 30        | 21.79                 | 20.59           | 0.115         |
| QPSK       | 1717.5                  | 132047     | 15 | 75      | 0         | 21.63                 | 20.43           | 0.110         |
| QPSK       | 1755                    | 132422     | 15 | 1       | 0         | 23.25                 | 22.05           | 0.160         |
| QPSK       | 1755                    | 132422     | 15 | 1       | 37        | 23.11                 | 21.91           | 0.155         |
| QPSK       | 1755                    | 132422     | 15 | 1       | 74        | 23.10                 | 21.90           | 0.155         |
| QPSK       | 1755                    | 132422     | 15 | 36      | 0         | 22.09                 | 20.89           | 0.123         |
| QPSK       | 1755                    | 132422     | 15 | 36      | 29        | 22.17                 | 20.97           | 0.125         |
| QPSK       | 1755                    | 132422     | 15 | 36      | 30        | 22.24                 | 21.04           | 0.127         |
| QPSK       | 1755                    | 132422     | 15 | 75      | 0         | 22.13                 | 20.93           | 0.124         |
| QPSK       | 1772.5                  | 132597     | 15 | 1       | 0         | 22.69                 | 21.49           | 0.141         |
| QPSK       | 1772.5                  | 132597     | 15 | 1       | 37        | 22.83                 | 21.63           | 0.146         |
| QPSK       | 1772.5                  | 132597     | 15 | 1       | 74        | 23.10                 | 21.90           | 0.155         |
| QPSK       | 1772.5                  | 132597     | 15 | 36      | 0         | 21.86                 | 20.66           | 0.116         |
| QPSK       | 1772.5                  | 132597     | 15 | 36      | 29        | 21.99                 | 20.79           | 0.120         |
| QPSK       | 1772.5                  | 132597     | 15 | 36      | 30        | 21.97                 | 20.77           | 0.119         |
| QPSK       | 1772.5                  | 132597     | 15 | 75      | 0         | 21.86                 | 20.66           | 0.116         |



| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|-----------------|---------------|
| 16QAM      | 1717.5                  | 132047     | 15 | 1       | 0         | 21.60                 | 20.40           | 0.110         |
| 16QAM      | 1717.5                  | 132047     | 15 | 1       | 37        | 22.00                 | 20.80           | 0.120         |
| 16QAM      | 1717.5                  | 132047     | 15 | 1       | 74        | 21.52                 | 20.32           | 0.108         |
| 16QAM      | 1717.5                  | 132047     | 15 | 36      | 0         | 20.38                 | 19.18           | 0.083         |
| 16QAM      | 1717.5                  | 132047     | 15 | 36      | 29        | 20.70                 | 19.50           | 0.089         |
| 16QAM      | 1717.5                  | 132047     | 15 | 36      | 30        | 20.80                 | 19.60           | 0.091         |
| 16QAM      | 1717.5                  | 132047     | 15 | 75      | 0         | 20.63                 | 19.43           | 0.088         |
| 16QAM      | 1755                    | 132422     | 15 | 1       | 0         | 22.23                 | 21.03           | 0.127         |
| 16QAM      | 1755                    | 132422     | 15 | 1       | 37        | 22.35                 | 21.15           | 0.130         |
| 16QAM      | 1755                    | 132422     | 15 | 1       | 74        | 21.85                 | 20.65           | 0.116         |
| 16QAM      | 1755                    | 132422     | 15 | 36      | 0         | 21.06                 | 19.86           | 0.097         |
| 16QAM      | 1755                    | 132422     | 15 | 36      | 29        | 21.29                 | 20.09           | 0.102         |
| 16QAM      | 1755                    | 132422     | 15 | 36      | 30        | 21.24                 | 20.04           | 0.101         |
| 16QAM      | 1755                    | 132422     | 15 | 75      | 0         | 21.25                 | 20.05           | 0.101         |
| 16QAM      | 1772.5                  | 132597     | 15 | 1       | 0         | 21.87                 | 20.67           | 0.117         |
| 16QAM      | 1772.5                  | 132597     | 15 | 1       | 37        | 22.20                 | 21.00           | 0.126         |
| 16QAM      | 1772.5                  | 132597     | 15 | 1       | 74        | 22.12                 | 20.92           | 0.124         |
| 16QAM      | 1772.5                  | 132597     | 15 | 36      | 0         | 20.79                 | 19.59           | 0.091         |
| 16QAM      | 1772.5                  | 132597     | 15 | 36      | 29        | 20.94                 | 19.74           | 0.094         |
| 16QAM      | 1772.5                  | 132597     | 15 | 36      | 30        | 21.00                 | 19.80           | 0.095         |
| 16QAM      | 1772.5                  | 132597     | 15 | 75      | 0         | 20.79                 | 19.59           | 0.091         |
| 64QAM      | 1717.5                  | 132047     | 15 | 1       | 0         | 21.37                 | 20.17           | 0.104         |
| 64QAM      | 1717.5                  | 132047     | 15 | 1       | 37        | 21.73                 | 20.53           | 0.113         |
| 64QAM      | 1717.5                  | 132047     | 15 | 1       | 74        | 21.92                 | 20.72           | 0.118         |
| 64QAM      | 1717.5                  | 132047     | 15 | 36      | 0         | 20.57                 | 19.37           | 0.086         |
| 64QAM      | 1717.5                  | 132047     | 15 | 36      | 29        | 20.73                 | 19.53           | 0.090         |
| 64QAM      | 1717.5                  | 132047     | 15 | 36      | 30        | 20.75                 | 19.55           | 0.090         |
| 64QAM      | 1717.5                  | 132047     | 15 | 75      | 0         | 20.65                 | 19.45           | 0.088         |
| 64QAM      | 1755                    | 132422     | 15 | 1       | 0         | 22.49                 | 21.29           | 0.135         |
| 64QAM      | 1755                    | 132422     | 15 | 1       | 37        | 22.26                 | 21.06           | 0.128         |
| 64QAM      | 1755                    | 132422     | 15 | 1       | 74        | 22.07                 | 20.87           | 0.122         |
| 64QAM      | 1755                    | 132422     | 15 | 36      | 0         | 21.11                 | 19.91           | 0.098         |
| 64QAM      | 1755                    | 132422     | 15 | 36      | 29        | 21.48                 | 20.28           | 0.107         |
| 64QAM      | 1755                    | 132422     | 15 | 36      | 30        | 21.23                 | 20.03           | 0.101         |
| 64QAM      | 1755                    | 132422     | 15 | 75      | 0         | 21.18                 | 19.98           | 0.100         |
| 64QAM      | 1772.5                  | 132597     | 15 | 1       | 0         | 22.01                 | 20.81           | 0.121         |
| 64QAM      | 1772.5                  | 132597     | 15 | 1       | 37        | 22.36                 | 21.16           | 0.131         |
| 64QAM      | 1772.5                  | 132597     | 15 | 1       | 74        | 22.17                 | 20.97           | 0.125         |
| 64QAM      | 1772.5                  | 132597     | 15 | 36      | 0         | 20.68                 | 19.48           | 0.089         |
| 64QAM      | 1772.5                  | 132597     | 15 | 36      | 29        | 21.05                 | 19.85           | 0.097         |
| 64QAM      | 1772.5                  | 132597     | 15 | 36      | 30        | 21.06                 | 19.86           | 0.097         |
| 64QAM      | 1772.5                  | 132597     | 15 | 75      | 0         | 20.85                 | 19.65           | 0.092         |



| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|-----------------|---------------|
| QPSK       | 1720                    | 132072     | 20 | 1       | 0         | 23.18                 | 21.98           | 0.158         |
| QPSK       | 1720                    | 132072     | 20 | 1       | 49        | 22.98                 | 21.78           | 0.151         |
| QPSK       | 1720                    | 132072     | 20 | 1       | 99        | 23.12                 | 21.92           | 0.156         |
| QPSK       | 1720                    | 132072     | 20 | 50      | 0         | 22.19                 | 20.99           | 0.126         |
| QPSK       | 1720                    | 132072     | 20 | 50      | 24        | 22.31                 | 21.11           | 0.129         |
| QPSK       | 1720                    | 132072     | 20 | 50      | 50        | 22.19                 | 20.99           | 0.126         |
| QPSK       | 1720                    | 132072     | 20 | 100     | 0         | 22.22                 | 21.02           | 0.126         |
| QPSK       | 1755                    | 132422     | 20 | 1       | 0         | 22.90                 | 21.70           | 0.148         |
| QPSK       | 1755                    | 132422     | 20 | 1       | 49        | 23.12                 | 21.92           | 0.156         |
| QPSK       | 1755                    | 132422     | 20 | 1       | 99        | 23.28                 | 22.08           | 0.161         |
| QPSK       | 1755                    | 132422     | 20 | 50      | 0         | 22.14                 | 20.94           | 0.124         |
| QPSK       | 1755                    | 132422     | 20 | 50      | 24        | 22.04                 | 20.84           | 0.121         |
| QPSK       | 1755                    | 132422     | 20 | 50      | 50        | 22.28                 | 21.08           | 0.128         |
| QPSK       | 1755                    | 132422     | 20 | 100     | 0         | 22.25                 | 21.05           | 0.127         |
| QPSK       | 1770                    | 132572     | 20 | 1       | 0         | 23.22                 | 22.02           | 0.159         |
| QPSK       | 1770                    | 132572     | 20 | 1       | 49        | 23.19                 | 21.99           | 0.158         |
| QPSK       | 1770                    | 132572     | 20 | 1       | 99        | 23.02                 | 21.82           | 0.152         |
| QPSK       | 1770                    | 132572     | 20 | 50      | 0         | 22.10                 | 20.90           | 0.123         |
| QPSK       | 1770                    | 132572     | 20 | 50      | 24        | 22.19                 | 20.99           | 0.126         |
| QPSK       | 1770                    | 132572     | 20 | 50      | 50        | 22.18                 | 20.98           | 0.125         |
| QPSK       | 1770                    | 132572     | 20 | 100     | 0         | 22.14                 | 20.94           | 0.124         |



| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|-----------------|---------------|
| 16QAM      | 1720                    | 132072     | 20 | 1       | 0         | 22.46                 | 21.26           | 0.134         |
| 16QAM      | 1720                    | 132072     | 20 | 1       | 49        | 22.08                 | 20.88           | 0.122         |
| 16QAM      | 1720                    | 132072     | 20 | 1       | 99        | 22.02                 | 20.82           | 0.121         |
| 16QAM      | 1720                    | 132072     | 20 | 50      | 0         | 21.11                 | 19.91           | 0.098         |
| 16QAM      | 1720                    | 132072     | 20 | 50      | 24        | 21.15                 | 19.95           | 0.099         |
| 16QAM      | 1720                    | 132072     | 20 | 50      | 50        | 21.25                 | 20.05           | 0.101         |
| 16QAM      | 1720                    | 132072     | 20 | 100     | 0         | 21.20                 | 20.00           | 0.100         |
| 16QAM      | 1755                    | 132422     | 20 | 1       | 0         | 22.66                 | 21.46           | 0.140         |
| 16QAM      | 1755                    | 132422     | 20 | 1       | 49        | 22.51                 | 21.31           | 0.135         |
| 16QAM      | 1755                    | 132422     | 20 | 1       | 99        | 22.61                 | 21.41           | 0.138         |
| 16QAM      | 1755                    | 132422     | 20 | 50      | 0         | 21.07                 | 19.87           | 0.097         |
| 16QAM      | 1755                    | 132422     | 20 | 50      | 24        | 21.13                 | 19.93           | 0.098         |
| 16QAM      | 1755                    | 132422     | 20 | 50      | 50        | 21.12                 | 19.92           | 0.098         |
| 16QAM      | 1755                    | 132422     | 20 | 100     | 0         | 21.14                 | 19.94           | 0.099         |
| 16QAM      | 1770                    | 132572     | 20 | 1       | 0         | 22.02                 | 20.82           | 0.121         |
| 16QAM      | 1770                    | 132572     | 20 | 1       | 49        | 22.34                 | 21.14           | 0.130         |
| 16QAM      | 1770                    | 132572     | 20 | 1       | 99        | 22.67                 | 21.47           | 0.140         |
| 16QAM      | 1770                    | 132572     | 20 | 50      | 0         | 21.05                 | 19.85           | 0.097         |
| 16QAM      | 1770                    | 132572     | 20 | 50      | 24        | 21.08                 | 19.88           | 0.097         |
| 16QAM      | 1770                    | 132572     | 20 | 50      | 50        | 21.18                 | 19.98           | 0.100         |
| 16QAM      | 1770                    | 132572     | 20 | 100     | 0         | 21.18                 | 19.98           | 0.100         |
| 64QAM      | 1720                    | 132072     | 20 | 1       | 0         | 22.36                 | 21.16           | 0.131         |
| 64QAM      | 1720                    | 132072     | 20 | 1       | 49        | 22.03                 | 20.83           | 0.121         |
| 64QAM      | 1720                    | 132072     | 20 | 1       | 99        | 22.29                 | 21.09           | 0.129         |
| 64QAM      | 1720                    | 132072     | 20 | 50      | 0         | 21.06                 | 19.86           | 0.097         |
| 64QAM      | 1720                    | 132072     | 20 | 50      | 24        | 20.98                 | 19.78           | 0.095         |
| 64QAM      | 1720                    | 132072     | 20 | 50      | 50        | 21.25                 | 20.05           | 0.101         |
| 64QAM      | 1720                    | 132072     | 20 | 100     | 0         | 21.17                 | 19.97           | 0.099         |
| 64QAM      | 1755                    | 132422     | 20 | 1       | 0         | 22.21                 | 21.01           | 0.126         |
| 64QAM      | 1755                    | 132422     | 20 | 1       | 49        | 22.14                 | 20.94           | 0.124         |
| 64QAM      | 1755                    | 132422     | 20 | 1       | 99        | 22.52                 | 21.32           | 0.136         |
| 64QAM      | 1755                    | 132422     | 20 | 50      | 0         | 21.15                 | 19.95           | 0.099         |
| 64QAM      | 1755                    | 132422     | 20 | 50      | 24        | 21.17                 | 19.97           | 0.099         |
| 64QAM      | 1755                    | 132422     | 20 | 50      | 50        | 21.26                 | 20.06           | 0.101         |
| 64QAM      | 1755                    | 132422     | 20 | 100     | 0         | 21.22                 | 20.02           | 0.100         |
| 64QAM      | 1770                    | 132572     | 20 | 1       | 0         | 22.32                 | 21.12           | 0.129         |
| 64QAM      | 1770                    | 132572     | 20 | 1       | 49        | 21.89                 | 20.69           | 0.117         |
| 64QAM      | 1770                    | 132572     | 20 | 1       | 99        | 22.30                 | 21.10           | 0.129         |
| 64QAM      | 1770                    | 132572     | 20 | 50      | 0         | 21.07                 | 19.87           | 0.097         |
| 64QAM      | 1770                    | 132572     | 20 | 50      | 24        | 21.04                 | 19.84           | 0.096         |
| 64QAM      | 1770                    | 132572     | 20 | 50      | 50        | 21.12                 | 19.92           | 0.098         |
| 64QAM      | 1770                    | 132572     | 20 | 100     | 0         | 21.12                 | 19.92           | 0.098         |