



## APPENDIX A – TEST DATA OF CONDUCTED EMISSION

### LTE Band 41

#### 1 RF Power Output

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 2498.5                  | 39675      | 5  | 1       | 0         | 22.03                 |
| QPSK       | 2498.5                  | 39675      | 5  | 1       | 12        | 22.10                 |
| QPSK       | 2498.5                  | 39675      | 5  | 1       | 24        | 22.07                 |
| QPSK       | 2498.5                  | 39675      | 5  | 12      | 0         | 21.05                 |
| QPSK       | 2498.5                  | 39675      | 5  | 12      | 7         | 21.09                 |
| QPSK       | 2498.5                  | 39675      | 5  | 12      | 13        | 21.14                 |
| QPSK       | 2498.5                  | 39675      | 5  | 25      | 0         | 21.06                 |
| QPSK       | 2593                    | 40620      | 5  | 1       | 0         | 23.07                 |
| QPSK       | 2593                    | 40620      | 5  | 1       | 12        | 23.04                 |
| QPSK       | 2593                    | 40620      | 5  | 1       | 24        | 23.26                 |
| QPSK       | 2593                    | 40620      | 5  | 12      | 0         | 22.17                 |
| QPSK       | 2593                    | 40620      | 5  | 12      | 7         | 22.24                 |
| QPSK       | 2593                    | 40620      | 5  | 12      | 13        | 22.15                 |
| QPSK       | 2593                    | 40620      | 5  | 25      | 0         | 22.24                 |
| QPSK       | 2687.5                  | 41565      | 5  | 1       | 0         | 21.70                 |
| QPSK       | 2687.5                  | 41565      | 5  | 1       | 12        | 22.01                 |
| QPSK       | 2687.5                  | 41565      | 5  | 1       | 24        | 21.90                 |
| QPSK       | 2687.5                  | 41565      | 5  | 12      | 0         | 20.88                 |
| QPSK       | 2687.5                  | 41565      | 5  | 12      | 7         | 20.91                 |
| QPSK       | 2687.5                  | 41565      | 5  | 12      | 13        | 20.88                 |
| QPSK       | 2687.5                  | 41565      | 5  | 25      | 0         | 20.91                 |



| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM      | 2498.5                  | 39675      | 5  | 1       | 0         | 21.50                 |
| 16QAM      | 2498.5                  | 39675      | 5  | 1       | 12        | 21.66                 |
| 16QAM      | 2498.5                  | 39675      | 5  | 1       | 24        | 21.27                 |
| 16QAM      | 2498.5                  | 39675      | 5  | 12      | 0         | 20.24                 |
| 16QAM      | 2498.5                  | 39675      | 5  | 12      | 7         | 20.22                 |
| 16QAM      | 2498.5                  | 39675      | 5  | 12      | 13        | 20.17                 |
| 16QAM      | 2498.5                  | 39675      | 5  | 25      | 0         | 20.09                 |
| 16QAM      | 2593                    | 40620      | 5  | 1       | 0         | 22.45                 |
| 16QAM      | 2593                    | 40620      | 5  | 1       | 12        | 22.64                 |
| 16QAM      | 2593                    | 40620      | 5  | 1       | 24        | 22.31                 |
| 16QAM      | 2593                    | 40620      | 5  | 12      | 0         | 21.12                 |
| 16QAM      | 2593                    | 40620      | 5  | 12      | 7         | 21.39                 |
| 16QAM      | 2593                    | 40620      | 5  | 12      | 13        | 21.18                 |
| 16QAM      | 2593                    | 40620      | 5  | 25      | 0         | 21.23                 |
| 16QAM      | 2687.5                  | 41565      | 5  | 1       | 0         | 21.17                 |
| 16QAM      | 2687.5                  | 41565      | 5  | 1       | 12        | 21.44                 |
| 16QAM      | 2687.5                  | 41565      | 5  | 1       | 24        | 21.41                 |
| 16QAM      | 2687.5                  | 41565      | 5  | 12      | 0         | 20.01                 |
| 16QAM      | 2687.5                  | 41565      | 5  | 12      | 7         | 19.98                 |
| 16QAM      | 2687.5                  | 41565      | 5  | 12      | 13        | 19.83                 |
| 16QAM      | 2687.5                  | 41565      | 5  | 25      | 0         | 19.86                 |
| 64QAM      | 2498.5                  | 39675      | 5  | 1       | 0         | 21.49                 |
| 64QAM      | 2498.5                  | 39675      | 5  | 1       | 12        | 21.25                 |
| 64QAM      | 2498.5                  | 39675      | 5  | 1       | 24        | 21.41                 |
| 64QAM      | 2498.5                  | 39675      | 5  | 12      | 0         | 20.17                 |
| 64QAM      | 2498.5                  | 39675      | 5  | 12      | 7         | 20.25                 |
| 64QAM      | 2498.5                  | 39675      | 5  | 12      | 13        | 20.24                 |
| 64QAM      | 2498.5                  | 39675      | 5  | 25      | 0         | 20.12                 |
| 64QAM      | 2593                    | 40620      | 5  | 1       | 0         | 22.11                 |
| 64QAM      | 2593                    | 40620      | 5  | 1       | 12        | 22.31                 |
| 64QAM      | 2593                    | 40620      | 5  | 1       | 24        | 22.16                 |
| 64QAM      | 2593                    | 40620      | 5  | 12      | 0         | 21.21                 |
| 64QAM      | 2593                    | 40620      | 5  | 12      | 7         | 21.26                 |
| 64QAM      | 2593                    | 40620      | 5  | 12      | 13        | 21.21                 |
| 64QAM      | 2593                    | 40620      | 5  | 25      | 0         | 21.29                 |
| 64QAM      | 2687.5                  | 41565      | 5  | 1       | 0         | 20.74                 |
| 64QAM      | 2687.5                  | 41565      | 5  | 1       | 12        | 20.85                 |
| 64QAM      | 2687.5                  | 41565      | 5  | 1       | 24        | 20.86                 |
| 64QAM      | 2687.5                  | 41565      | 5  | 12      | 0         | 19.90                 |
| 64QAM      | 2687.5                  | 41565      | 5  | 12      | 7         | 19.99                 |
| 64QAM      | 2687.5                  | 41565      | 5  | 12      | 13        | 19.85                 |
| 64QAM      | 2687.5                  | 41565      | 5  | 25      | 0         | 19.89                 |



| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 2501                    | 39700      | 10 | 1       | 0         | 22.00                 |
| QPSK       | 2501                    | 39700      | 10 | 1       | 25        | 22.14                 |
| QPSK       | 2501                    | 39700      | 10 | 1       | 49        | 21.94                 |
| QPSK       | 2501                    | 39700      | 10 | 25      | 0         | 21.10                 |
| QPSK       | 2501                    | 39700      | 10 | 25      | 12        | 21.08                 |
| QPSK       | 2501                    | 39700      | 10 | 25      | 25        | 21.02                 |
| QPSK       | 2501                    | 39700      | 10 | 50      | 0         | 21.09                 |
| QPSK       | 2593                    | 40620      | 10 | 1       | 0         | 23.37                 |
| QPSK       | 2593                    | 40620      | 10 | 1       | 25        | 23.26                 |
| QPSK       | 2593                    | 40620      | 10 | 1       | 49        | 23.05                 |
| QPSK       | 2593                    | 40620      | 10 | 25      | 0         | 22.29                 |
| QPSK       | 2593                    | 40620      | 10 | 25      | 12        | 22.26                 |
| QPSK       | 2593                    | 40620      | 10 | 25      | 25        | 22.16                 |
| QPSK       | 2593                    | 40620      | 10 | 50      | 0         | 22.29                 |
| QPSK       | 2685                    | 41540      | 10 | 1       | 0         | 21.69                 |
| QPSK       | 2685                    | 41540      | 10 | 1       | 25        | 21.87                 |
| QPSK       | 2685                    | 41540      | 10 | 1       | 49        | 21.86                 |
| QPSK       | 2685                    | 41540      | 10 | 25      | 0         | 20.71                 |
| QPSK       | 2685                    | 41540      | 10 | 25      | 12        | 20.82                 |
| QPSK       | 2685                    | 41540      | 10 | 25      | 25        | 20.87                 |
| QPSK       | 2685                    | 41540      | 10 | 50      | 0         | 20.78                 |



| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM      | 2501                    | 39700      | 10 | 1       | 0         | 21.59                 |
| 16QAM      | 2501                    | 39700      | 10 | 1       | 25        | 21.60                 |
| 16QAM      | 2501                    | 39700      | 10 | 1       | 49        | 21.28                 |
| 16QAM      | 2501                    | 39700      | 10 | 25      | 0         | 20.13                 |
| 16QAM      | 2501                    | 39700      | 10 | 25      | 12        | 20.09                 |
| 16QAM      | 2501                    | 39700      | 10 | 25      | 25        | 20.03                 |
| 16QAM      | 2501                    | 39700      | 10 | 50      | 0         | 20.18                 |
| 16QAM      | 2593                    | 40620      | 10 | 1       | 0         | 22.25                 |
| 16QAM      | 2593                    | 40620      | 10 | 1       | 25        | 22.43                 |
| 16QAM      | 2593                    | 40620      | 10 | 1       | 49        | 22.35                 |
| 16QAM      | 2593                    | 40620      | 10 | 25      | 0         | 21.27                 |
| 16QAM      | 2593                    | 40620      | 10 | 25      | 12        | 21.34                 |
| 16QAM      | 2593                    | 40620      | 10 | 25      | 25        | 21.17                 |
| 16QAM      | 2593                    | 40620      | 10 | 50      | 0         | 21.25                 |
| 16QAM      | 2685                    | 41540      | 10 | 1       | 0         | 21.31                 |
| 16QAM      | 2685                    | 41540      | 10 | 1       | 25        | 21.12                 |
| 16QAM      | 2685                    | 41540      | 10 | 1       | 49        | 21.13                 |
| 16QAM      | 2685                    | 41540      | 10 | 25      | 0         | 19.86                 |
| 16QAM      | 2685                    | 41540      | 10 | 25      | 12        | 19.92                 |
| 16QAM      | 2685                    | 41540      | 10 | 25      | 25        | 19.94                 |
| 16QAM      | 2685                    | 41540      | 10 | 50      | 0         | 19.83                 |
| 64QAM      | 2501                    | 39700      | 10 | 1       | 0         | 21.17                 |
| 64QAM      | 2501                    | 39700      | 10 | 1       | 25        | 21.34                 |
| 64QAM      | 2501                    | 39700      | 10 | 1       | 49        | 21.12                 |
| 64QAM      | 2501                    | 39700      | 10 | 25      | 0         | 20.15                 |
| 64QAM      | 2501                    | 39700      | 10 | 25      | 12        | 20.09                 |
| 64QAM      | 2501                    | 39700      | 10 | 25      | 25        | 20.14                 |
| 64QAM      | 2501                    | 39700      | 10 | 50      | 0         | 20.05                 |
| 64QAM      | 2593                    | 40620      | 10 | 1       | 0         | 22.40                 |
| 64QAM      | 2593                    | 40620      | 10 | 1       | 25        | 22.31                 |
| 64QAM      | 2593                    | 40620      | 10 | 1       | 49        | 21.96                 |
| 64QAM      | 2593                    | 40620      | 10 | 25      | 0         | 21.31                 |
| 64QAM      | 2593                    | 40620      | 10 | 25      | 12        | 21.27                 |
| 64QAM      | 2593                    | 40620      | 10 | 25      | 25        | 21.24                 |
| 64QAM      | 2593                    | 40620      | 10 | 50      | 0         | 21.26                 |
| 64QAM      | 2685                    | 41540      | 10 | 1       | 0         | 21.13                 |
| 64QAM      | 2685                    | 41540      | 10 | 1       | 25        | 21.04                 |
| 64QAM      | 2685                    | 41540      | 10 | 1       | 49        | 20.89                 |
| 64QAM      | 2685                    | 41540      | 10 | 25      | 0         | 19.79                 |
| 64QAM      | 2685                    | 41540      | 10 | 25      | 12        | 19.90                 |
| 64QAM      | 2685                    | 41540      | 10 | 25      | 25        | 19.95                 |
| 64QAM      | 2685                    | 41540      | 10 | 50      | 0         | 19.72                 |



| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 2503.5                  | 39725      | 15 | 1       | 0         | 21.68                 |
| QPSK       | 2503.5                  | 39725      | 15 | 1       | 37        | 22.08                 |
| QPSK       | 2503.5                  | 39725      | 15 | 1       | 74        | 22.47                 |
| QPSK       | 2503.5                  | 39725      | 15 | 36      | 0         | 21.04                 |
| QPSK       | 2503.5                  | 39725      | 15 | 36      | 29        | 21.00                 |
| QPSK       | 2503.5                  | 39725      | 15 | 36      | 30        | 21.12                 |
| QPSK       | 2503.5                  | 39725      | 15 | 75      | 0         | 21.15                 |
| QPSK       | 2593                    | 40620      | 15 | 1       | 0         | 23.24                 |
| QPSK       | 2593                    | 40620      | 15 | 1       | 37        | 23.08                 |
| QPSK       | 2593                    | 40620      | 15 | 1       | 74        | 23.24                 |
| QPSK       | 2593                    | 40620      | 15 | 36      | 0         | 22.09                 |
| QPSK       | 2593                    | 40620      | 15 | 36      | 29        | 22.00                 |
| QPSK       | 2593                    | 40620      | 15 | 36      | 30        | 22.16                 |
| QPSK       | 2593                    | 40620      | 15 | 75      | 0         | 22.26                 |
| QPSK       | 2682.5                  | 41515      | 15 | 1       | 0         | 21.74                 |
| QPSK       | 2682.5                  | 41515      | 15 | 1       | 37        | 21.50                 |
| QPSK       | 2682.5                  | 41515      | 15 | 1       | 74        | 22.11                 |
| QPSK       | 2682.5                  | 41515      | 15 | 36      | 0         | 20.71                 |
| QPSK       | 2682.5                  | 41515      | 15 | 36      | 29        | 20.60                 |
| QPSK       | 2682.5                  | 41515      | 15 | 36      | 30        | 20.74                 |
| QPSK       | 2682.5                  | 41515      | 15 | 75      | 0         | 20.73                 |



| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM      | 2503.5                  | 39725      | 15 | 1       | 0         | 21.24                 |
| 16QAM      | 2503.5                  | 39725      | 15 | 1       | 37        | 20.88                 |
| 16QAM      | 2503.5                  | 39725      | 15 | 1       | 74        | 21.19                 |
| 16QAM      | 2503.5                  | 39725      | 15 | 36      | 0         | 20.00                 |
| 16QAM      | 2503.5                  | 39725      | 15 | 36      | 29        | 20.08                 |
| 16QAM      | 2503.5                  | 39725      | 15 | 36      | 30        | 20.05                 |
| 16QAM      | 2503.5                  | 39725      | 15 | 75      | 0         | 20.05                 |
| 16QAM      | 2593                    | 40620      | 15 | 1       | 0         | 22.54                 |
| 16QAM      | 2593                    | 40620      | 15 | 1       | 37        | 22.48                 |
| 16QAM      | 2593                    | 40620      | 15 | 1       | 74        | 22.10                 |
| 16QAM      | 2593                    | 40620      | 15 | 36      | 0         | 21.22                 |
| 16QAM      | 2593                    | 40620      | 15 | 36      | 29        | 21.03                 |
| 16QAM      | 2593                    | 40620      | 15 | 36      | 30        | 21.15                 |
| 16QAM      | 2593                    | 40620      | 15 | 75      | 0         | 21.20                 |
| 16QAM      | 2682.5                  | 41515      | 15 | 1       | 0         | 21.19                 |
| 16QAM      | 2682.5                  | 41515      | 15 | 1       | 37        | 20.93                 |
| 16QAM      | 2682.5                  | 41515      | 15 | 1       | 74        | 20.93                 |
| 16QAM      | 2682.5                  | 41515      | 15 | 36      | 0         | 19.62                 |
| 16QAM      | 2682.5                  | 41515      | 15 | 36      | 29        | 19.71                 |
| 16QAM      | 2682.5                  | 41515      | 15 | 36      | 30        | 19.66                 |
| 16QAM      | 2682.5                  | 41515      | 15 | 75      | 0         | 19.74                 |
| 64QAM      | 2503.5                  | 39725      | 15 | 1       | 0         | 20.83                 |
| 64QAM      | 2503.5                  | 39725      | 15 | 1       | 37        | 20.72                 |
| 64QAM      | 2503.5                  | 39725      | 15 | 1       | 74        | 21.47                 |
| 64QAM      | 2503.5                  | 39725      | 15 | 36      | 0         | 20.09                 |
| 64QAM      | 2503.5                  | 39725      | 15 | 36      | 29        | 20.17                 |
| 64QAM      | 2503.5                  | 39725      | 15 | 36      | 30        | 20.08                 |
| 64QAM      | 2503.5                  | 39725      | 15 | 75      | 0         | 20.07                 |
| 64QAM      | 2593                    | 40620      | 15 | 1       | 0         | 22.30                 |
| 64QAM      | 2593                    | 40620      | 15 | 1       | 37        | 22.42                 |
| 64QAM      | 2593                    | 40620      | 15 | 1       | 74        | 22.34                 |
| 64QAM      | 2593                    | 40620      | 15 | 36      | 0         | 21.23                 |
| 64QAM      | 2593                    | 40620      | 15 | 36      | 29        | 21.04                 |
| 64QAM      | 2593                    | 40620      | 15 | 36      | 30        | 21.01                 |
| 64QAM      | 2593                    | 40620      | 15 | 75      | 0         | 21.21                 |
| 64QAM      | 2682.5                  | 41515      | 15 | 1       | 0         | 20.90                 |
| 64QAM      | 2682.5                  | 41515      | 15 | 1       | 37        | 20.15                 |
| 64QAM      | 2682.5                  | 41515      | 15 | 1       | 74        | 21.00                 |
| 64QAM      | 2682.5                  | 41515      | 15 | 36      | 0         | 19.65                 |
| 64QAM      | 2682.5                  | 41515      | 15 | 36      | 29        | 19.75                 |
| 64QAM      | 2682.5                  | 41515      | 15 | 36      | 30        | 19.70                 |
| 64QAM      | 2682.5                  | 41515      | 15 | 75      | 0         | 19.73                 |



| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 2506                    | 39750      | 20 | 1       | 0         | 21.89                 |
| QPSK       | 2506                    | 39750      | 20 | 1       | 49        | 22.43                 |
| QPSK       | 2506                    | 39750      | 20 | 1       | 99        | 22.37                 |
| QPSK       | 2506                    | 39750      | 20 | 50      | 0         | 20.86                 |
| QPSK       | 2506                    | 39750      | 20 | 50      | 24        | 21.16                 |
| QPSK       | 2506                    | 39750      | 20 | 50      | 50        | 21.20                 |
| QPSK       | 2506                    | 39750      | 20 | 100     | 0         | 21.15                 |
| QPSK       | 2593                    | 40620      | 20 | 1       | 0         | 23.58                 |
| QPSK       | 2593                    | 40620      | 20 | 1       | 49        | 23.34                 |
| QPSK       | 2593                    | 40620      | 20 | 1       | 99        | 23.17                 |
| QPSK       | 2593                    | 40620      | 20 | 50      | 0         | 22.16                 |
| QPSK       | 2593                    | 40620      | 20 | 50      | 24        | 22.12                 |
| QPSK       | 2593                    | 40620      | 20 | 50      | 50        | 22.09                 |
| QPSK       | 2593                    | 40620      | 20 | 100     | 0         | 22.18                 |
| QPSK       | 2680                    | 41490      | 20 | 1       | 0         | 21.96                 |
| QPSK       | 2680                    | 41490      | 20 | 1       | 49        | 21.93                 |
| QPSK       | 2680                    | 41490      | 20 | 1       | 99        | 22.05                 |
| QPSK       | 2680                    | 41490      | 20 | 50      | 0         | 20.84                 |
| QPSK       | 2680                    | 41490      | 20 | 50      | 24        | 20.68                 |
| QPSK       | 2680                    | 41490      | 20 | 50      | 50        | 20.68                 |
| QPSK       | 2680                    | 41490      | 20 | 100     | 0         | 20.74                 |



| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM      | 2506                    | 39750      | 20 | 1       | 0         | 20.96                 |
| 16QAM      | 2506                    | 39750      | 20 | 1       | 49        | 21.26                 |
| 16QAM      | 2506                    | 39750      | 20 | 1       | 99        | 21.16                 |
| 16QAM      | 2506                    | 39750      | 20 | 50      | 0         | 20.05                 |
| 16QAM      | 2506                    | 39750      | 20 | 50      | 24        | 20.19                 |
| 16QAM      | 2506                    | 39750      | 20 | 50      | 50        | 20.22                 |
| 16QAM      | 2506                    | 39750      | 20 | 100     | 0         | 20.18                 |
| 16QAM      | 2593                    | 40620      | 20 | 1       | 0         | 22.20                 |
| 16QAM      | 2593                    | 40620      | 20 | 1       | 49        | 22.04                 |
| 16QAM      | 2593                    | 40620      | 20 | 1       | 99        | 22.06                 |
| 16QAM      | 2593                    | 40620      | 20 | 50      | 0         | 21.25                 |
| 16QAM      | 2593                    | 40620      | 20 | 50      | 24        | 21.15                 |
| 16QAM      | 2593                    | 40620      | 20 | 50      | 50        | 21.04                 |
| 16QAM      | 2593                    | 40620      | 20 | 100     | 0         | 21.27                 |
| 16QAM      | 2680                    | 41490      | 20 | 1       | 0         | 21.09                 |
| 16QAM      | 2680                    | 41490      | 20 | 1       | 49        | 20.84                 |
| 16QAM      | 2680                    | 41490      | 20 | 1       | 99        | 20.83                 |
| 16QAM      | 2680                    | 41490      | 20 | 50      | 0         | 19.75                 |
| 16QAM      | 2680                    | 41490      | 20 | 50      | 24        | 19.73                 |
| 16QAM      | 2680                    | 41490      | 20 | 50      | 50        | 19.72                 |
| 16QAM      | 2680                    | 41490      | 20 | 100     | 0         | 19.78                 |
| 64QAM      | 2506                    | 39750      | 20 | 1       | 0         | 21.01                 |
| 64QAM      | 2506                    | 39750      | 20 | 1       | 49        | 21.17                 |
| 64QAM      | 2506                    | 39750      | 20 | 1       | 99        | 20.91                 |
| 64QAM      | 2506                    | 39750      | 20 | 50      | 0         | 19.88                 |
| 64QAM      | 2506                    | 39750      | 20 | 50      | 24        | 20.15                 |
| 64QAM      | 2506                    | 39750      | 20 | 50      | 50        | 20.26                 |
| 64QAM      | 2506                    | 39750      | 20 | 100     | 0         | 20.14                 |
| 64QAM      | 2593                    | 40620      | 20 | 1       | 0         | 22.49                 |
| 64QAM      | 2593                    | 40620      | 20 | 1       | 49        | 22.22                 |
| 64QAM      | 2593                    | 40620      | 20 | 1       | 99        | 21.97                 |
| 64QAM      | 2593                    | 40620      | 20 | 50      | 0         | 21.23                 |
| 64QAM      | 2593                    | 40620      | 20 | 50      | 24        | 21.13                 |
| 64QAM      | 2593                    | 40620      | 20 | 50      | 50        | 21.17                 |
| 64QAM      | 2593                    | 40620      | 20 | 100     | 0         | 21.20                 |
| 64QAM      | 2680                    | 41490      | 20 | 1       | 0         | 21.35                 |
| 64QAM      | 2680                    | 41490      | 20 | 1       | 49        | 20.83                 |
| 64QAM      | 2680                    | 41490      | 20 | 1       | 99        | 20.46                 |
| 64QAM      | 2680                    | 41490      | 20 | 50      | 0         | 19.88                 |
| 64QAM      | 2680                    | 41490      | 20 | 50      | 24        | 19.61                 |
| 64QAM      | 2680                    | 41490      | 20 | 50      | 50        | 19.71                 |
| 64QAM      | 2680                    | 41490      | 20 | 100     | 0         | 19.68                 |

## 2 Occupied Bandwidth

| Band | Mode | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of 99% Power (MHz) |        |
|------|------|-------------------------|---------|----------|---------|-----------|------------------------------|--------|
| 41   | QPSK | 2498.5                  | 39675   | 5        | 25      | 0         | 4.461                        | Fig.1  |
| 41   | QPSK | 2593                    | 40620   | 5        | 25      | 0         | 4.415                        | Fig.2  |
| 41   | QPSK | 2687.5                  | 41565   | 5        | 25      | 0         | 4.424                        | Fig.3  |
| 41   | QPSK | 2501                    | 39700   | 10       | 50      | 0         | 8.925                        | Fig.4  |
| 41   | QPSK | 2593                    | 40620   | 10       | 50      | 0         | 8.909                        | Fig.5  |
| 41   | QPSK | 2685                    | 41540   | 10       | 50      | 0         | 8.967                        | Fig.6  |
| 41   | QPSK | 2503.5                  | 39725   | 15       | 75      | 0         | 13.350                       | Fig.7  |
| 41   | QPSK | 2593                    | 40620   | 15       | 75      | 0         | 13.305                       | Fig.8  |
| 41   | QPSK | 2682.5                  | 41515   | 15       | 75      | 0         | 13.399                       | Fig.9  |
| 41   | QPSK | 2506                    | 39750   | 20       | 100     | 0         | 17.678                       | Fig.10 |
| 41   | QPSK | 2593                    | 40620   | 20       | 100     | 0         | 17.758                       | Fig.11 |
| 41   | QPSK | 2680                    | 41490   | 20       | 100     | 0         | 17.697                       | Fig.12 |

| Band | Mode  | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of 99% Power (MHz) |        |
|------|-------|-------------------------|---------|----------|---------|-----------|------------------------------|--------|
| 41   | 16QAM | 2498.5                  | 39675   | 5        | 25      | 0         | 4.467                        | Fig.13 |
| 41   | 16QAM | 2593                    | 40620   | 5        | 25      | 0         | 4.466                        | Fig.14 |
| 41   | 16QAM | 2687.5                  | 41565   | 5        | 25      | 0         | 4.474                        | Fig.15 |
| 41   | 16QAM | 2501                    | 39700   | 10       | 50      | 0         | 8.899                        | Fig.16 |
| 41   | 16QAM | 2593                    | 40620   | 10       | 50      | 0         | 8.906                        | Fig.17 |
| 41   | 16QAM | 2685                    | 41540   | 10       | 50      | 0         | 8.857                        | Fig.18 |
| 41   | 16QAM | 2503.5                  | 39725   | 15       | 75      | 0         | 13.402                       | Fig.19 |
| 41   | 16QAM | 2593                    | 40620   | 15       | 75      | 0         | 13.300                       | Fig.20 |
| 41   | 16QAM | 2682.5                  | 41515   | 15       | 75      | 0         | 13.347                       | Fig.21 |
| 41   | 16QAM | 2506                    | 39750   | 20       | 100     | 0         | 17.870                       | Fig.22 |
| 41   | 16QAM | 2593                    | 40620   | 20       | 100     | 0         | 17.759                       | Fig.23 |
| 41   | 16QAM | 2680                    | 41490   | 20       | 100     | 0         | 17.910                       | Fig.24 |

| Band | Mode  | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of 99% Power (MHz) |        |
|------|-------|-------------------------|---------|----------|---------|-----------|------------------------------|--------|
| 41   | 64QAM | 2498.5                  | 39675   | 5        | 25      | 0         | 4.461                        | Fig.25 |
| 41   | 64QAM | 2593                    | 40620   | 5        | 25      | 0         | 4.431                        | Fig.26 |
| 41   | 64QAM | 2687.5                  | 41565   | 5        | 25      | 0         | 4.441                        | Fig.27 |
| 41   | 64QAM | 2501                    | 39700   | 10       | 50      | 0         | 8.912                        | Fig.28 |
| 41   | 64QAM | 2593                    | 40620   | 10       | 50      | 0         | 8.895                        | Fig.29 |
| 41   | 64QAM | 2685                    | 41540   | 10       | 50      | 0         | 8.927                        | Fig.30 |
| 41   | 64QAM | 2503.5                  | 39725   | 15       | 75      | 0         | 13.446                       | Fig.31 |
| 41   | 64QAM | 2593                    | 40620   | 15       | 75      | 0         | 13.386                       | Fig.32 |
| 41   | 64QAM | 2682.5                  | 41515   | 15       | 75      | 0         | 13.297                       | Fig.33 |
| 41   | 64QAM | 2506                    | 39750   | 20       | 100     | 0         | 17.745                       | Fig.34 |
| 41   | 64QAM | 2593                    | 40620   | 20       | 100     | 0         | 17.858                       | Fig.35 |
| 41   | 64QAM | 2680                    | 41490   | 20       | 100     | 0         | 17.802                       | Fig.36 |

Test Mode: QPSK

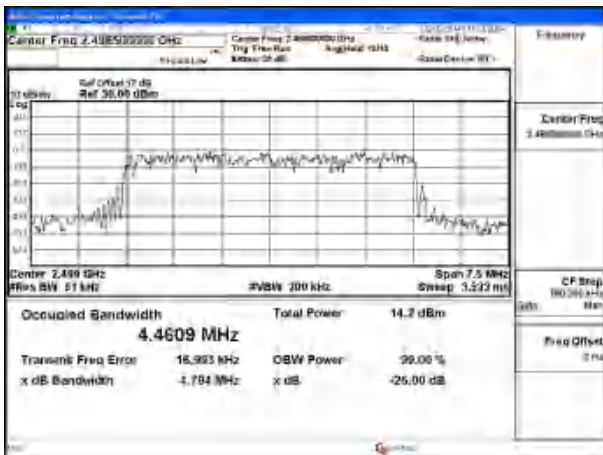


Fig.1



Fig.2

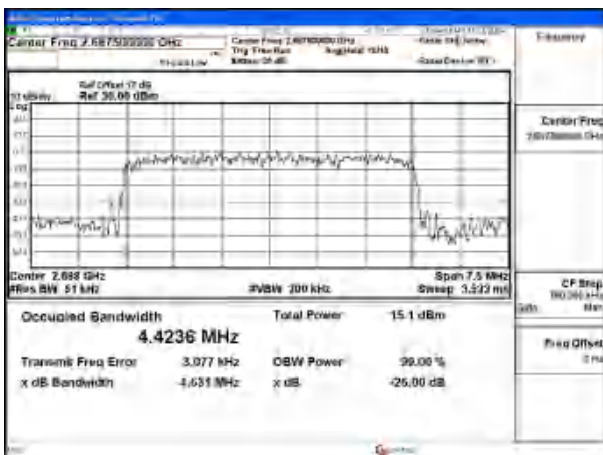


Fig.3

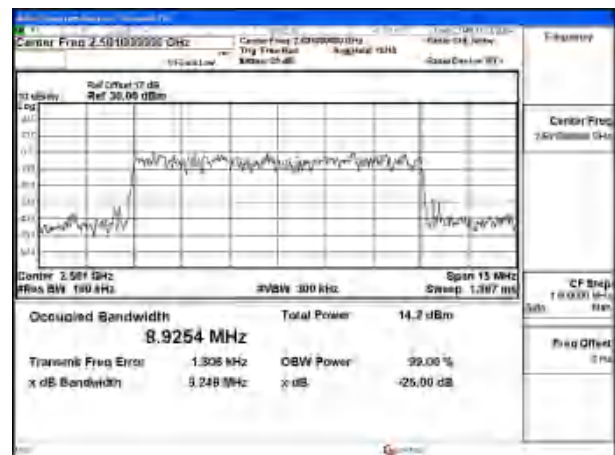


Fig.4

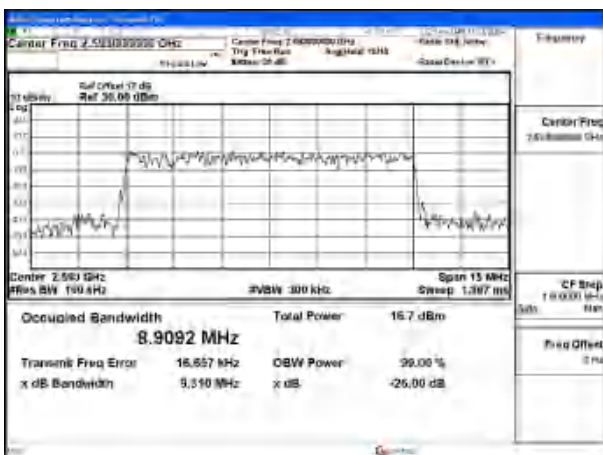


Fig.5



Fig.6



Fig.7

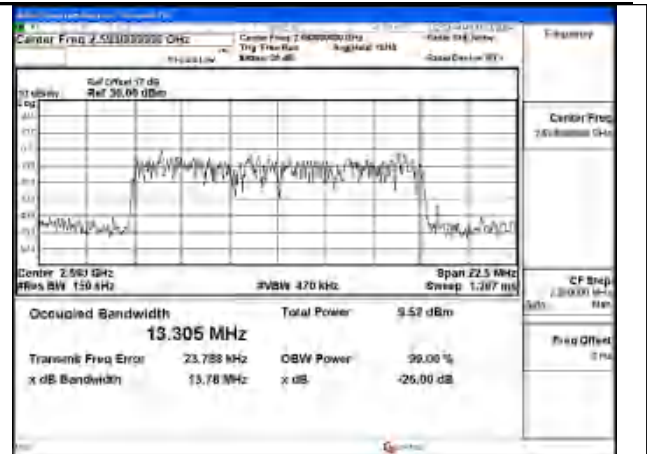


Fig.8



Fig.9

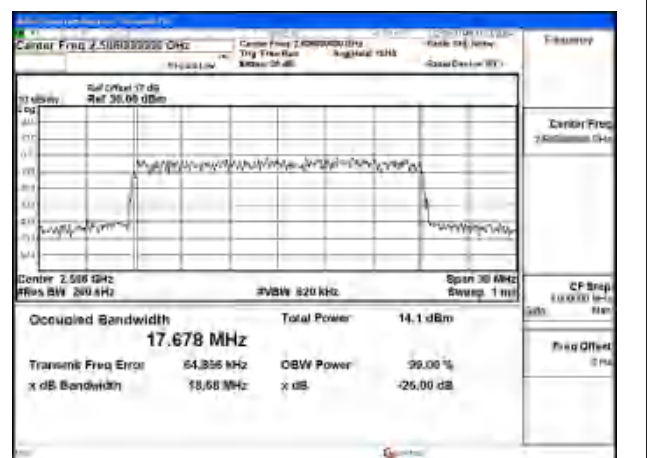


Fig.10



Fig.11



Fig.12

Test Mode: 16QAM



Fig.13

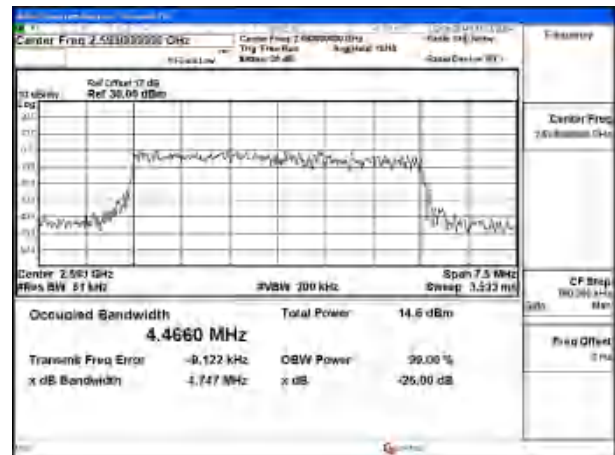


Fig.14



Fig.15



Fig.16

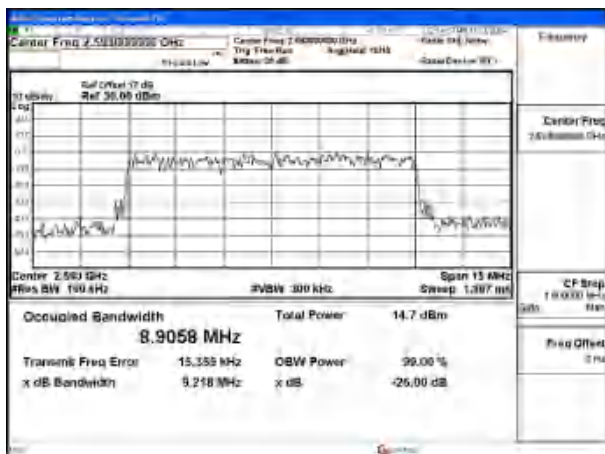


Fig.17

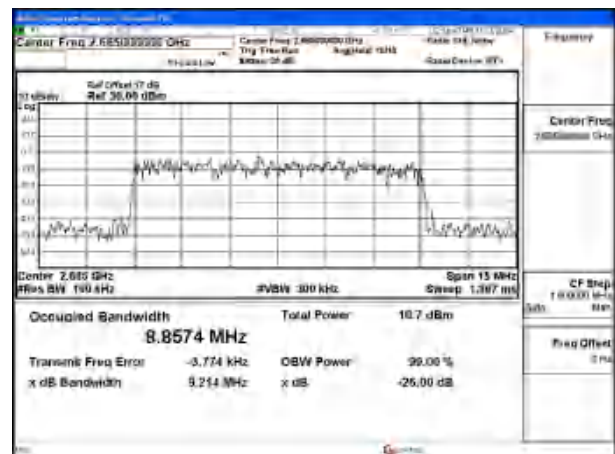


Fig.18



Fig.19

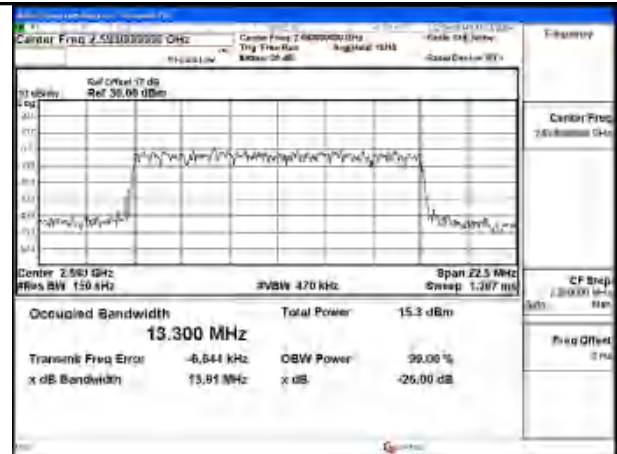


Fig.20



Fig.21

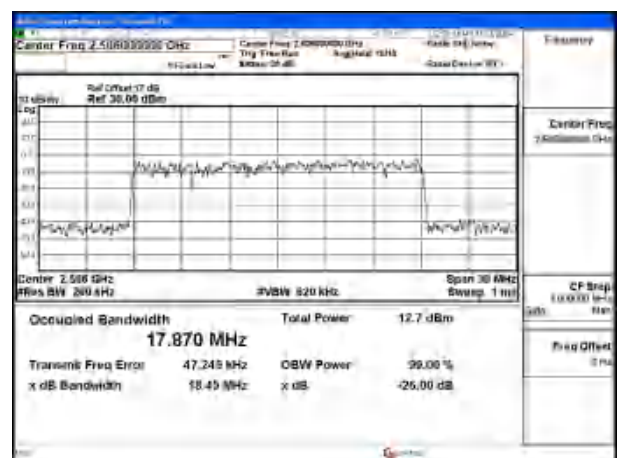


Fig.22



Fig.23

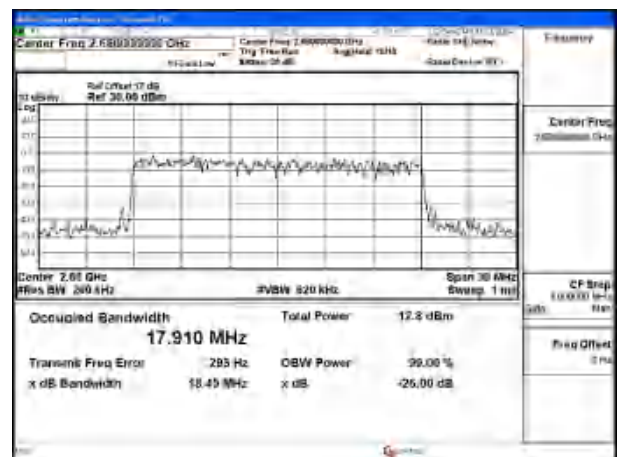


Fig.24

Test Mode: 64QAM

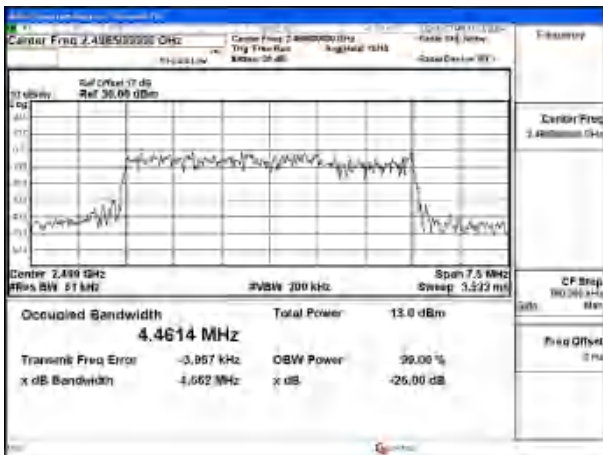


Fig.25

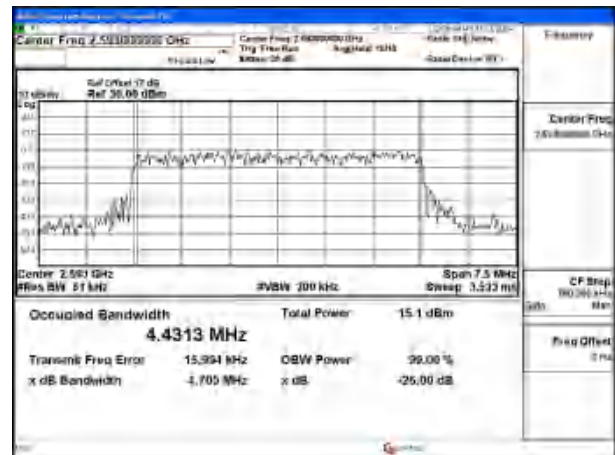


Fig.26

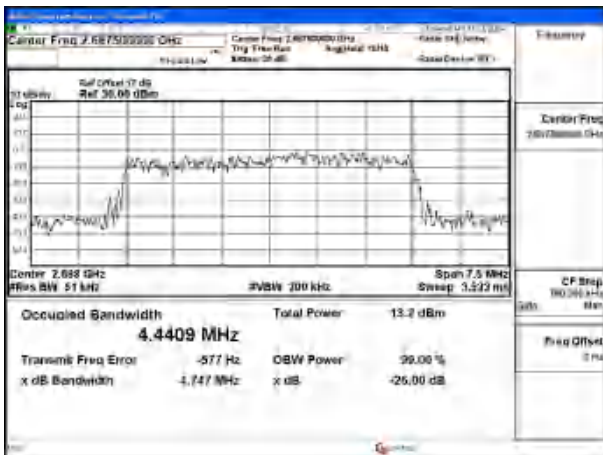


Fig.27

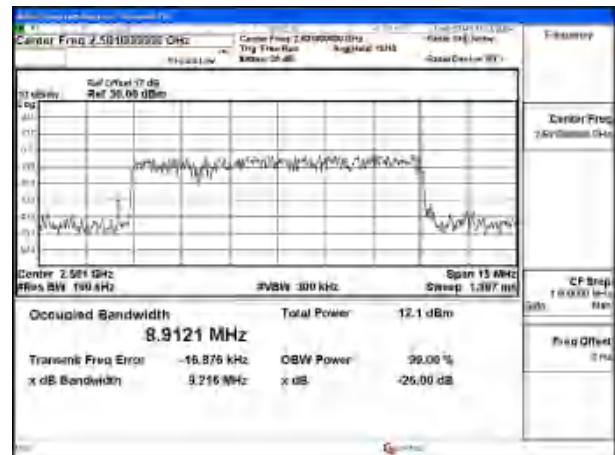


Fig.28

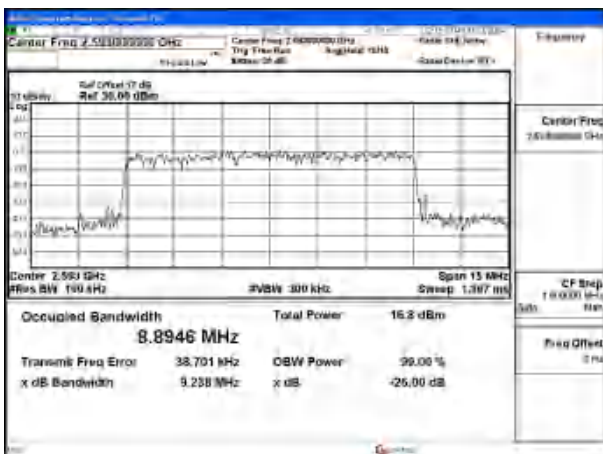


Fig.29

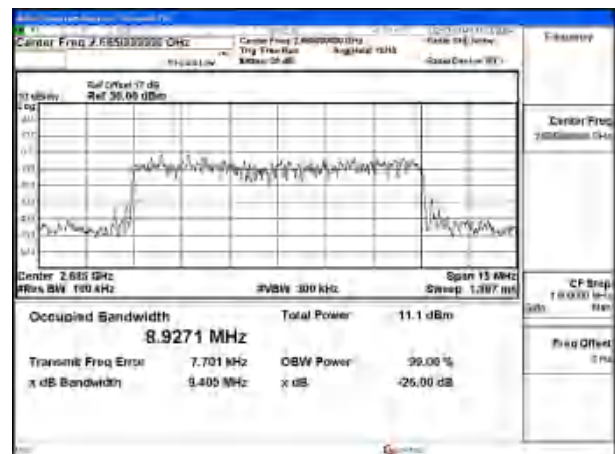


Fig.30



Fig.31

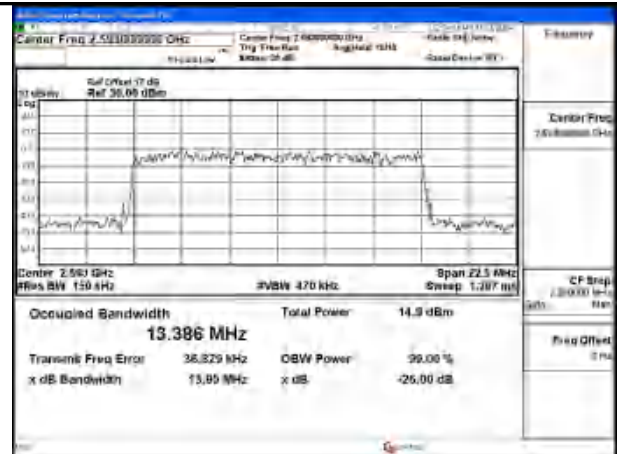


Fig.32



Fig.33



Fig.34



Fig.35

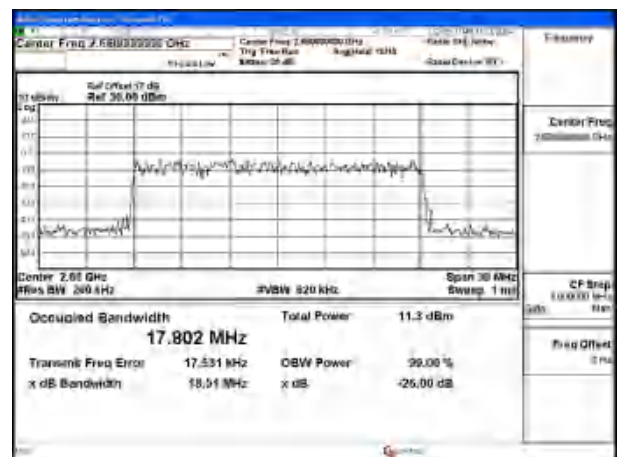


Fig.36

### 3 Emission Bandwidth

| Band | Mode | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of -26dB transmitter power (MHz) |        |
|------|------|-------------------------|---------|----------|---------|-----------|--------------------------------------------|--------|
| 41   | QPSK | 2498.5                  | 39675   | 5        | 25      | 0         | 4.794                                      | Fig.1  |
| 41   | QPSK | 2593                    | 40620   | 5        | 25      | 0         | 4.789                                      | Fig.2  |
| 41   | QPSK | 2687.5                  | 41565   | 5        | 25      | 0         | 4.631                                      | Fig.3  |
| 41   | QPSK | 2501                    | 39700   | 10       | 50      | 0         | 9.249                                      | Fig.4  |
| 41   | QPSK | 2593                    | 40620   | 10       | 50      | 0         | 9.310                                      | Fig.5  |
| 41   | QPSK | 2685                    | 41540   | 10       | 50      | 0         | 9.182                                      | Fig.6  |
| 41   | QPSK | 2503.5                  | 39725   | 15       | 75      | 0         | 13.795                                     | Fig.7  |
| 41   | QPSK | 2593                    | 40620   | 15       | 75      | 0         | 13.784                                     | Fig.8  |
| 41   | QPSK | 2682.5                  | 41515   | 15       | 75      | 0         | 14.051                                     | Fig.9  |
| 41   | QPSK | 2506                    | 39750   | 20       | 100     | 0         | 18.679                                     | Fig.10 |
| 41   | QPSK | 2593                    | 40620   | 20       | 100     | 0         | 18.753                                     | Fig.11 |
| 41   | QPSK | 2680                    | 41490   | 20       | 100     | 0         | 18.809                                     | Fig.12 |

| Band | Mode  | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of -26dB transmitter power (MHz) |        |
|------|-------|-------------------------|---------|----------|---------|-----------|--------------------------------------------|--------|
| 41   | 16QAM | 2498.5                  | 39675   | 5        | 25      | 0         | 4.677                                      | Fig.13 |
| 41   | 16QAM | 2593                    | 40620   | 5        | 25      | 0         | 4.747                                      | Fig.14 |
| 41   | 16QAM | 2687.5                  | 41565   | 5        | 25      | 0         | 4.781                                      | Fig.15 |
| 41   | 16QAM | 2501                    | 39700   | 10       | 50      | 0         | 9.448                                      | Fig.16 |
| 41   | 16QAM | 2593                    | 40620   | 10       | 50      | 0         | 9.218                                      | Fig.17 |
| 41   | 16QAM | 2685                    | 41540   | 10       | 50      | 0         | 9.214                                      | Fig.18 |
| 41   | 16QAM | 2503.5                  | 39725   | 15       | 75      | 0         | 13.863                                     | Fig.19 |
| 41   | 16QAM | 2593                    | 40620   | 15       | 75      | 0         | 13.913                                     | Fig.20 |
| 41   | 16QAM | 2682.5                  | 41515   | 15       | 75      | 0         | 13.987                                     | Fig.21 |
| 41   | 16QAM | 2506                    | 39750   | 20       | 100     | 0         | 18.454                                     | Fig.22 |
| 41   | 16QAM | 2593                    | 40620   | 20       | 100     | 0         | 18.481                                     | Fig.23 |
| 41   | 16QAM | 2680                    | 41490   | 20       | 100     | 0         | 18.445                                     | Fig.24 |

| Band | Mode  | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of -26dB transmitter power (MHz) |        |
|------|-------|-------------------------|---------|----------|---------|-----------|--------------------------------------------|--------|
| 41   | 64QAM | 2498.5                  | 39675   | 5        | 25      | 0         | 4.662                                      | Fig.25 |
| 41   | 64QAM | 2593                    | 40620   | 5        | 25      | 0         | 4.705                                      | Fig.26 |
| 41   | 64QAM | 2687.5                  | 41565   | 5        | 25      | 0         | 4.747                                      | Fig.27 |
| 41   | 64QAM | 2501                    | 39700   | 10       | 50      | 0         | 9.216                                      | Fig.28 |
| 41   | 64QAM | 2593                    | 40620   | 10       | 50      | 0         | 9.238                                      | Fig.29 |
| 41   | 64QAM | 2685                    | 41540   | 10       | 50      | 0         | 9.405                                      | Fig.30 |
| 41   | 64QAM | 2503.5                  | 39725   | 15       | 75      | 0         | 13.845                                     | Fig.31 |
| 41   | 64QAM | 2593                    | 40620   | 15       | 75      | 0         | 13.951                                     | Fig.32 |
| 41   | 64QAM | 2682.5                  | 41515   | 15       | 75      | 0         | 14.143                                     | Fig.33 |
| 41   | 64QAM | 2506                    | 39750   | 20       | 100     | 0         | 18.483                                     | Fig.34 |
| 41   | 64QAM | 2593                    | 40620   | 20       | 100     | 0         | 18.498                                     | Fig.35 |
| 41   | 64QAM | 2680                    | 41490   | 20       | 100     | 0         | 18.506                                     | Fig.36 |

Test Mode: QPSK

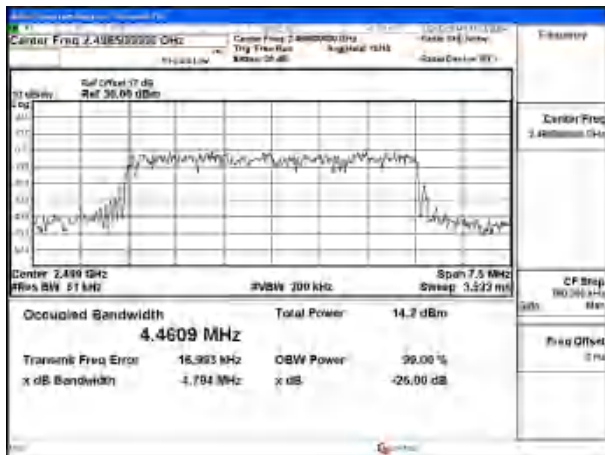


Fig.1



Fig.2



Fig.3

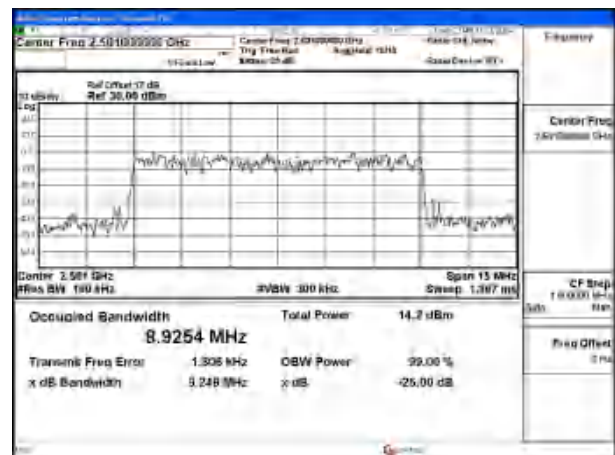


Fig.4

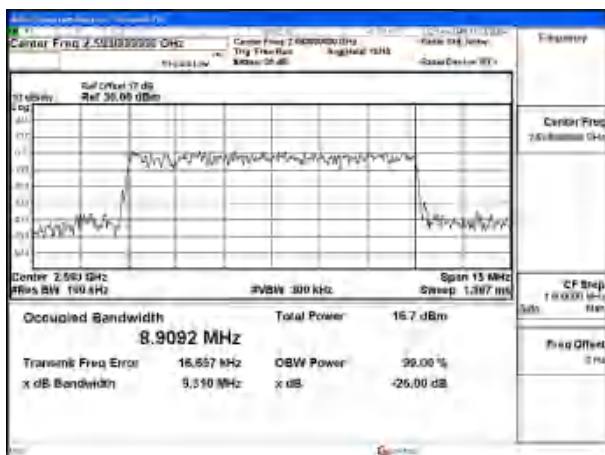


Fig.5



Fig.6



Fig.7

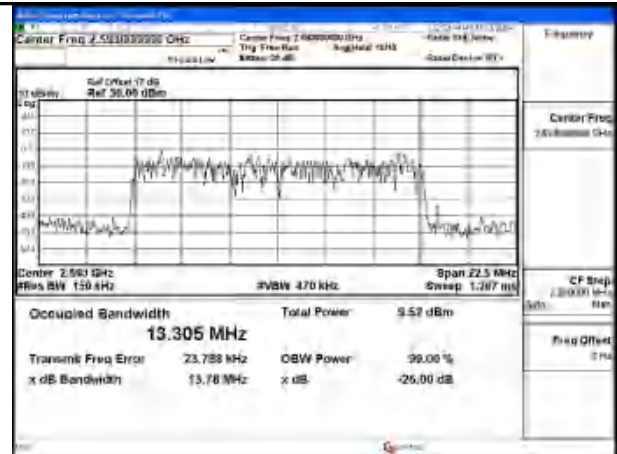


Fig.8



Fig.9

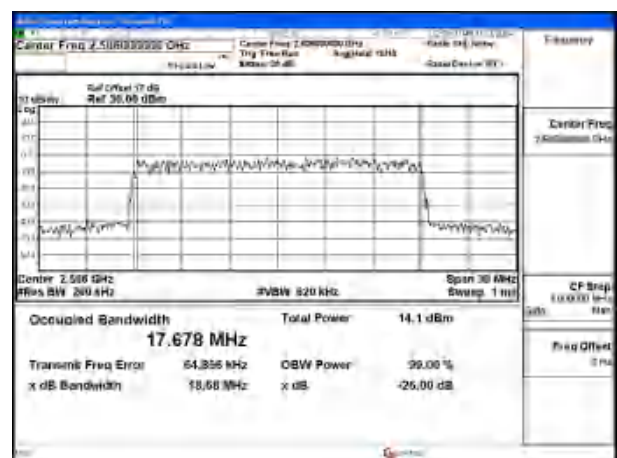


Fig.10



Fig.11

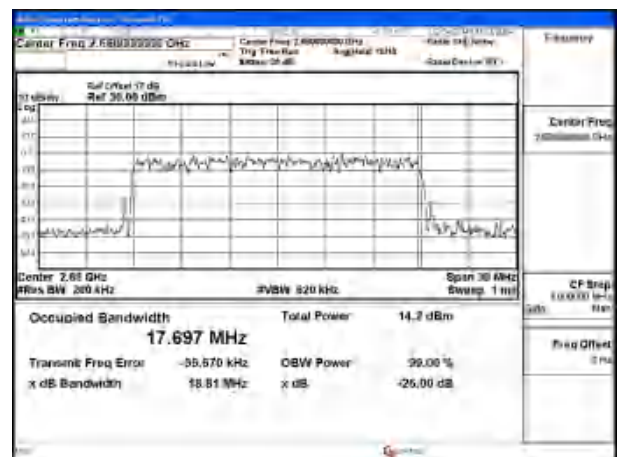


Fig.12

Test Mode: 16QAM



Fig.13

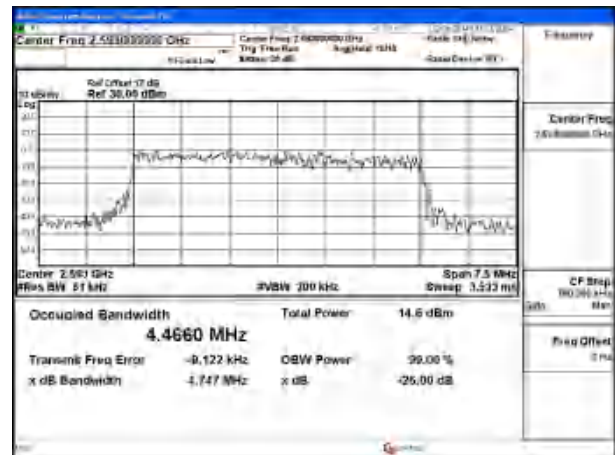


Fig.14



Fig.15



Fig.16

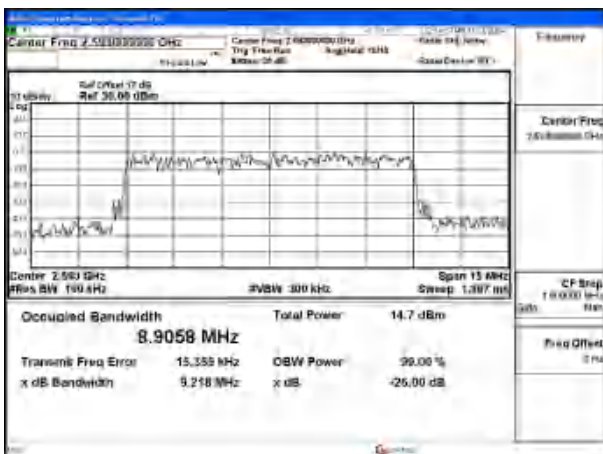


Fig.17

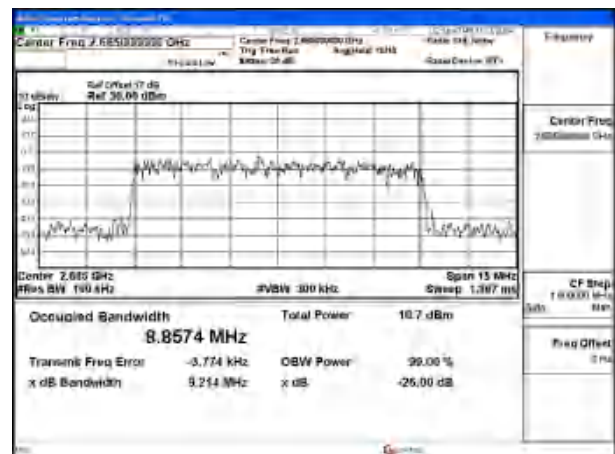


Fig.18



Fig.19



Fig.20



Fig.21

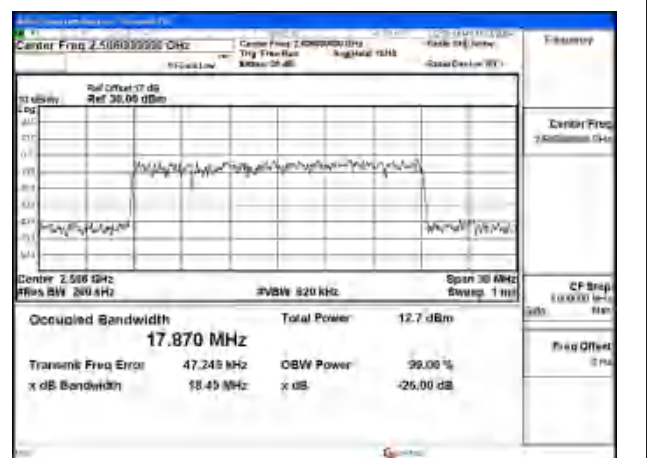


Fig.22



Fig.23



Fig.24

Test Mode: 64QAM

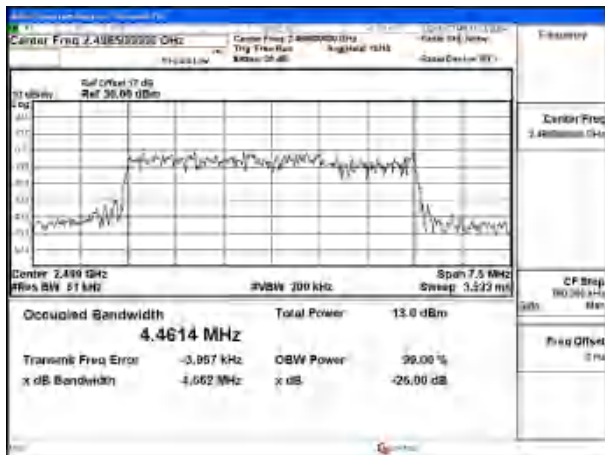


Fig.25

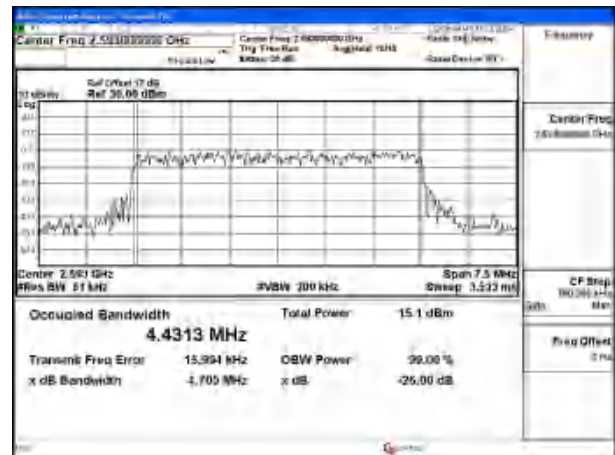


Fig.26

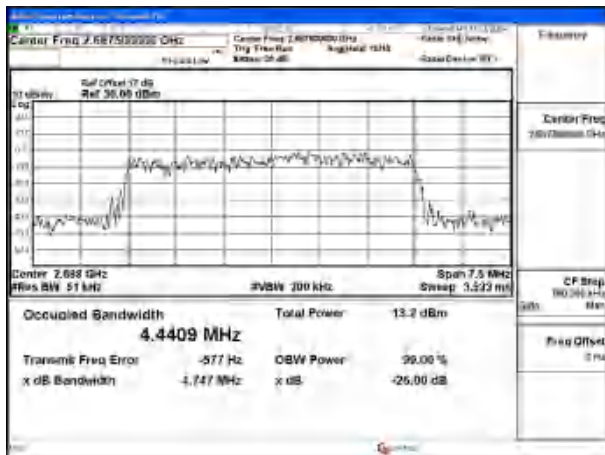


Fig.27

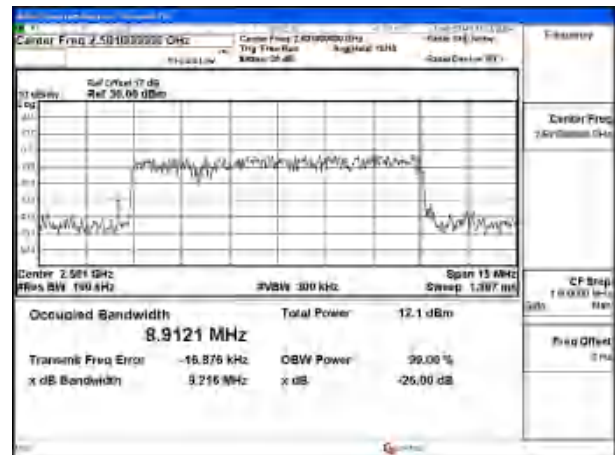


Fig.28

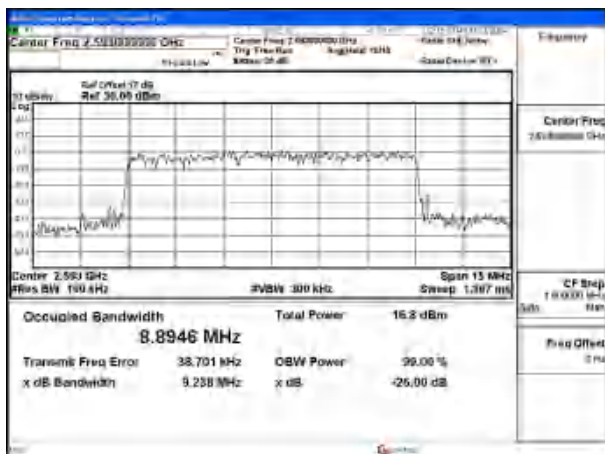


Fig.29

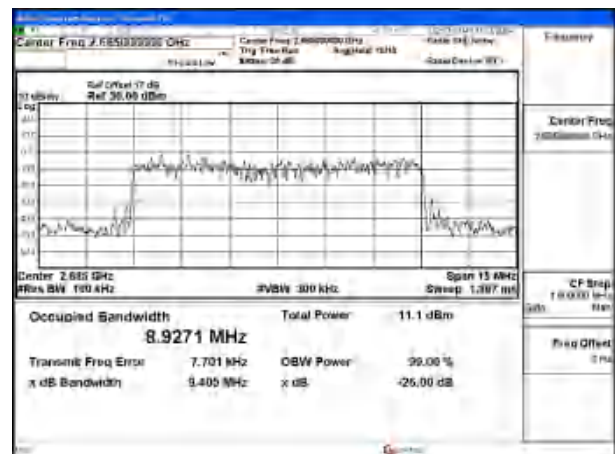


Fig.30



Fig.31



Fig.32



Fig.33



Fig.34



Fig.35



Fig.36



#### 4 Peak-Average Ratio

| Band | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | QPSK   | 16-QAM | 64-QAM |
|------|-------------------------|---------|----------|---------|-----------|--------|--------|--------|
| 41   | 2498.5                  | 39675   | 5        | 1       | 24        | Fig.1  | Fig.2  | Fig.3  |
| 41   | 2498.5                  | 39675   | 5        | 25      | 0         | Fig.4  | Fig.5  | Fig.6  |
| 41   | 2593                    | 40620   | 5        | 1       | 24        | Fig.7  | Fig.8  | Fig.9  |
| 41   | 2593                    | 40620   | 5        | 25      | 0         | Fig.10 | Fig.11 | Fig.12 |
| 41   | 2687.5                  | 41565   | 5        | 1       | 24        | Fig.13 | Fig.14 | Fig.15 |
| 41   | 2687.5                  | 41565   | 5        | 25      | 0         | Fig.16 | Fig.17 | Fig.18 |
| 41   | 2501                    | 39700   | 10       | 1       | 49        | Fig.19 | Fig.20 | Fig.21 |
| 41   | 2501                    | 39700   | 10       | 50      | 0         | Fig.22 | Fig.23 | Fig.24 |
| 41   | 2593                    | 40620   | 10       | 1       | 49        | Fig.25 | Fig.26 | Fig.27 |
| 41   | 2593                    | 40620   | 10       | 50      | 0         | Fig.28 | Fig.29 | Fig.30 |
| 41   | 2685                    | 41540   | 10       | 1       | 49        | Fig.31 | Fig.32 | Fig.33 |
| 41   | 2685                    | 41540   | 10       | 50      | 0         | Fig.34 | Fig.35 | Fig.36 |
| 41   | 2503.5                  | 39725   | 15       | 1       | 74        | Fig.37 | Fig.38 | Fig.39 |
| 41   | 2503.5                  | 39725   | 15       | 75      | 0         | Fig.40 | Fig.41 | Fig.42 |
| 41   | 2593                    | 40620   | 15       | 1       | 74        | Fig.43 | Fig.44 | Fig.45 |
| 41   | 2593                    | 40620   | 15       | 75      | 0         | Fig.46 | Fig.47 | Fig.48 |
| 41   | 2682.5                  | 41515   | 15       | 1       | 74        | Fig.49 | Fig.50 | Fig.51 |
| 41   | 2682.5                  | 41515   | 15       | 75      | 0         | Fig.52 | Fig.53 | Fig.54 |
| 41   | 2506                    | 39750   | 20       | 1       | 99        | Fig.55 | Fig.56 | Fig.57 |
| 41   | 2506                    | 39750   | 20       | 100     | 0         | Fig.58 | Fig.59 | Fig.60 |
| 41   | 2593                    | 40620   | 20       | 1       | 99        | Fig.61 | Fig.62 | Fig.63 |
| 41   | 2593                    | 40620   | 20       | 100     | 0         | Fig.64 | Fig.65 | Fig.66 |
| 41   | 2680                    | 41490   | 20       | 1       | 99        | Fig.67 | Fig.68 | Fig.69 |
| 41   | 2680                    | 41490   | 20       | 100     | 0         | Fig.70 | Fig.71 | Fig.72 |

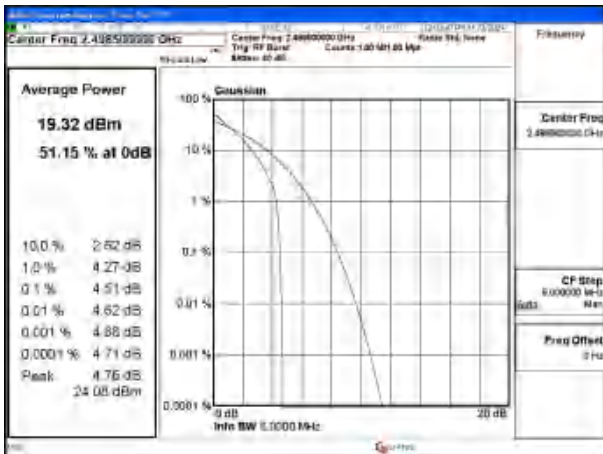


Fig.1

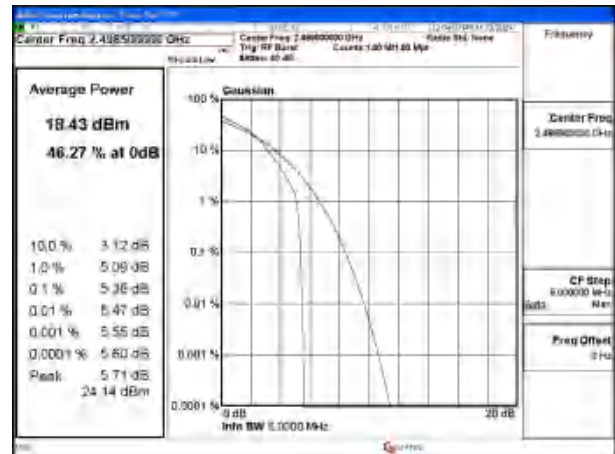


Fig.2

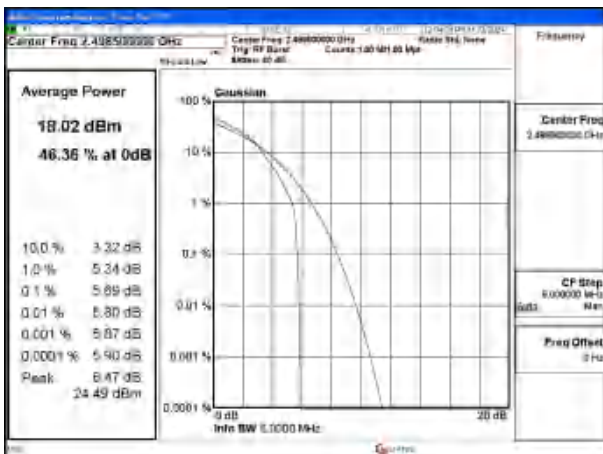


Fig.3

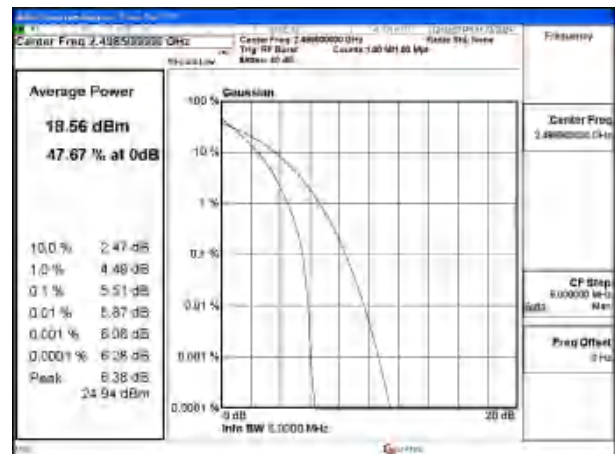


Fig.4

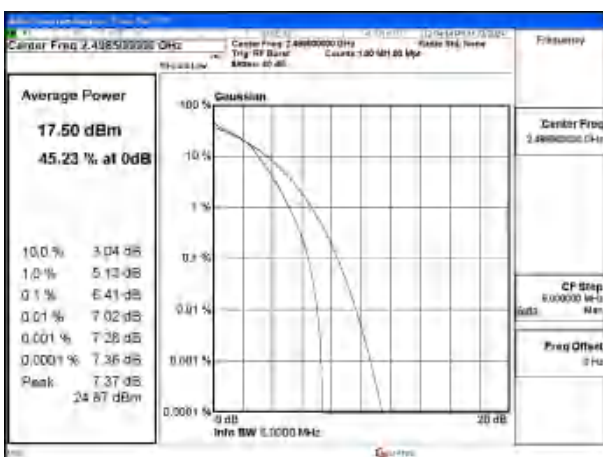


Fig.5

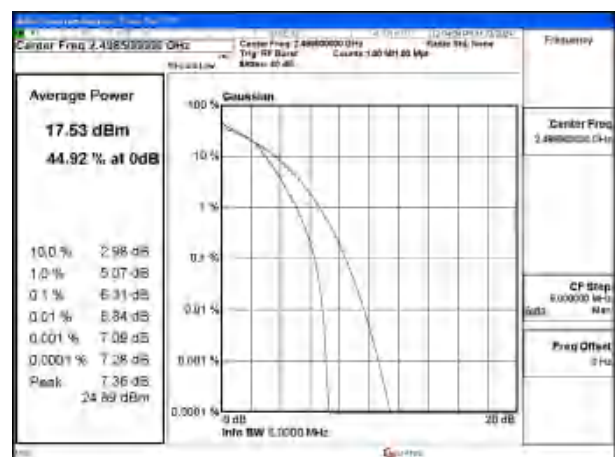


Fig.6

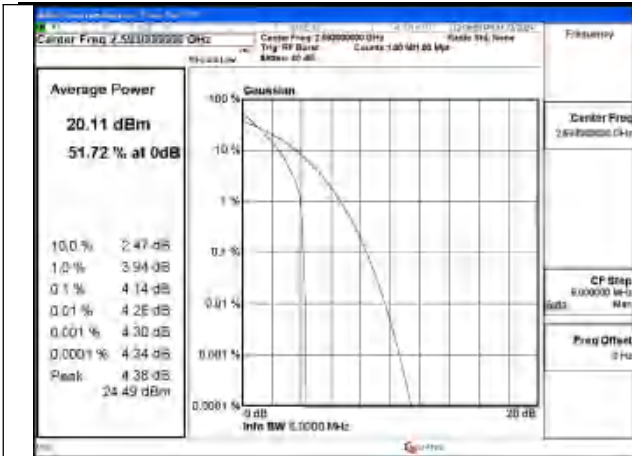


Fig.7

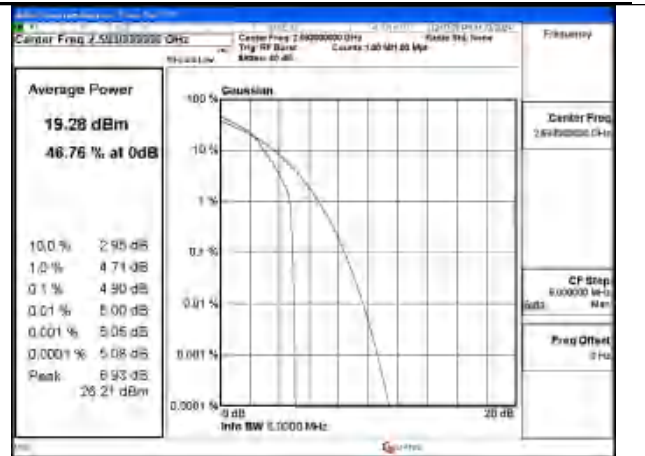


Fig.8

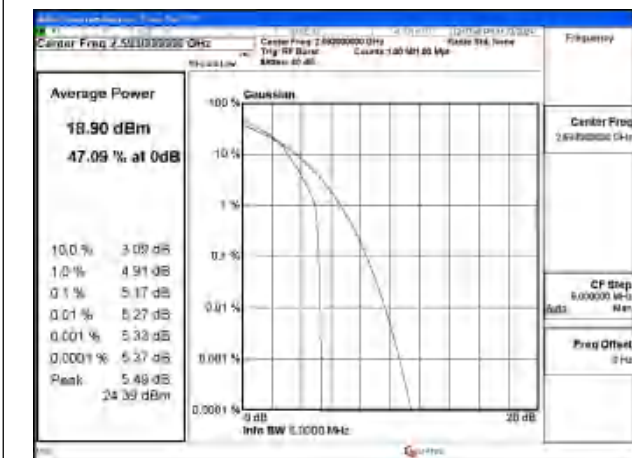


Fig.9

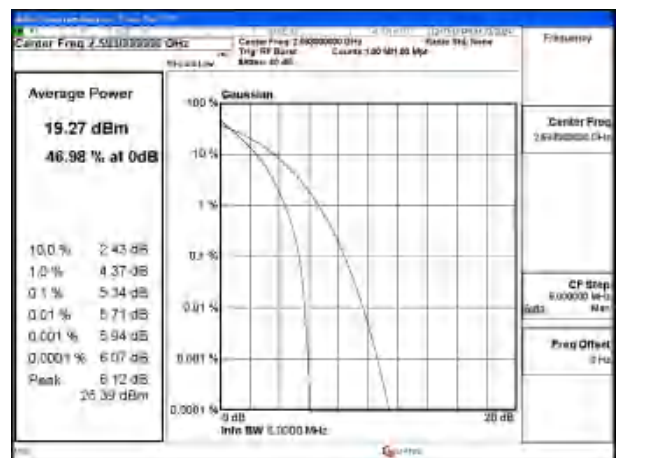


Fig.10

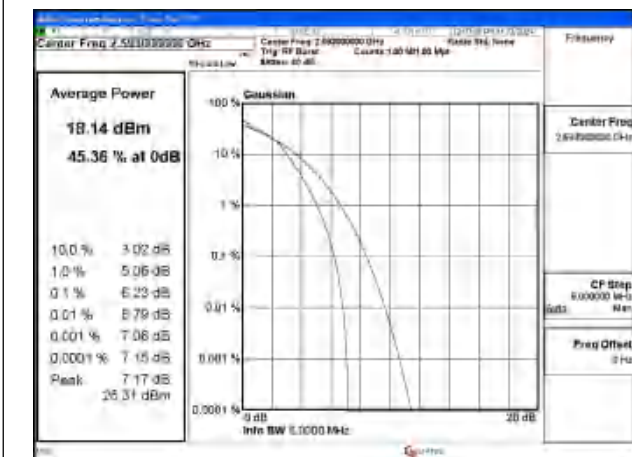


Fig.11

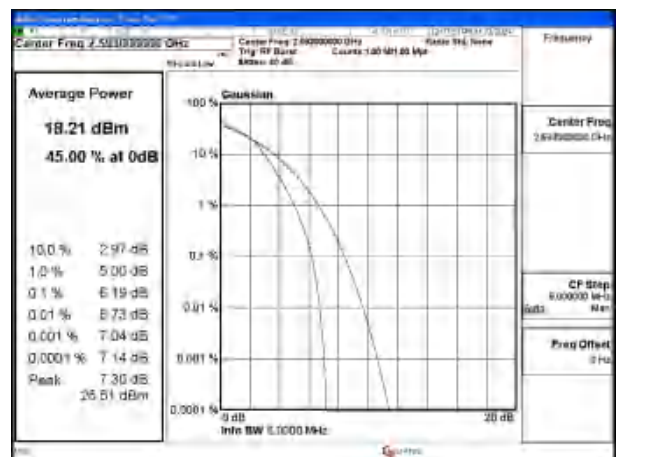


Fig.12

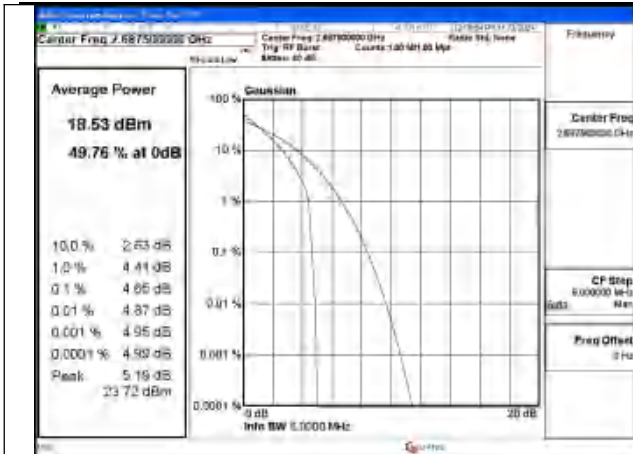


Fig.13

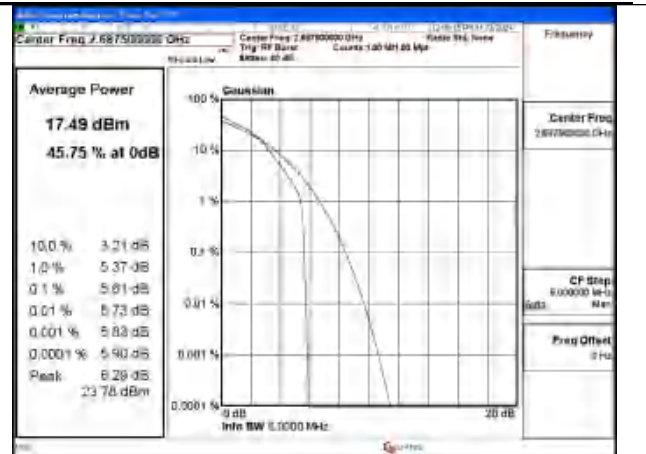


Fig.14

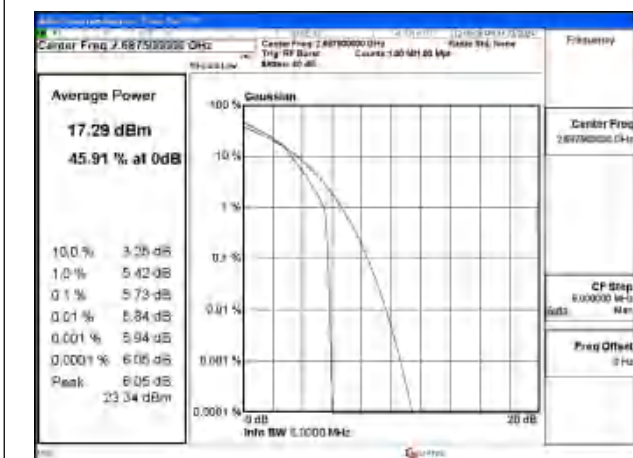


Fig.15

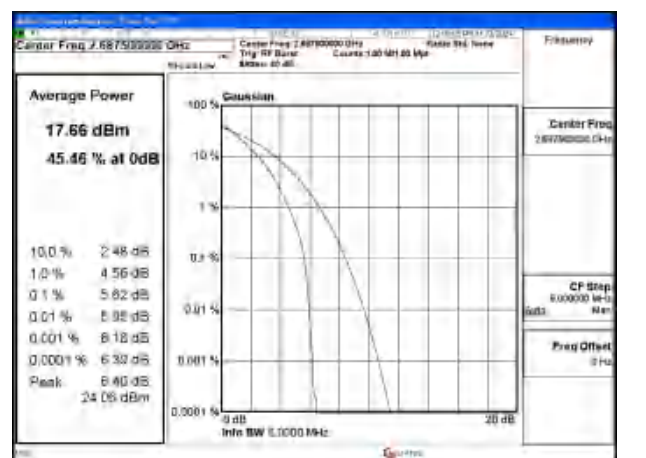


Fig.16

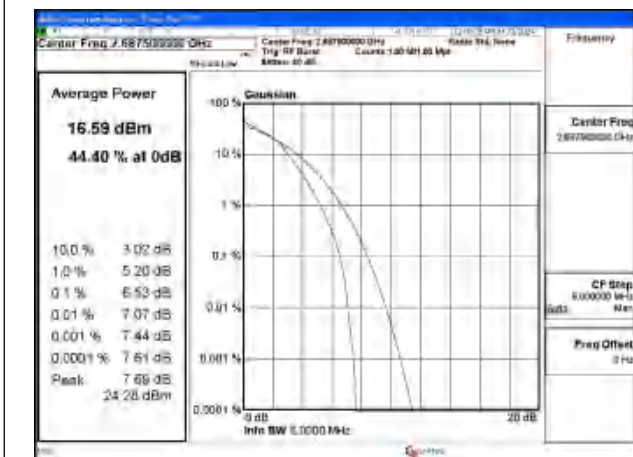


Fig.17

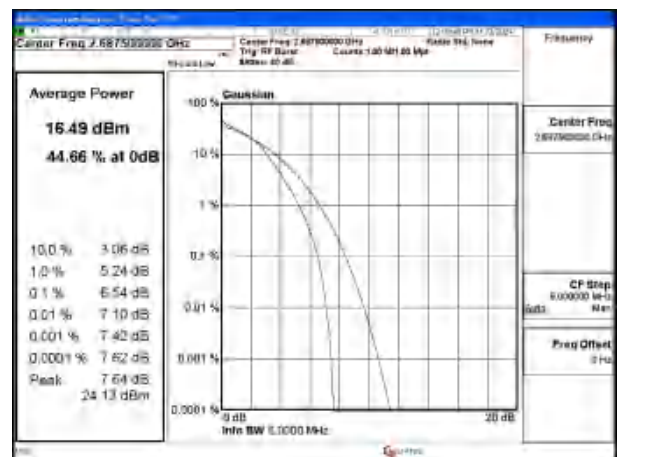


Fig.18

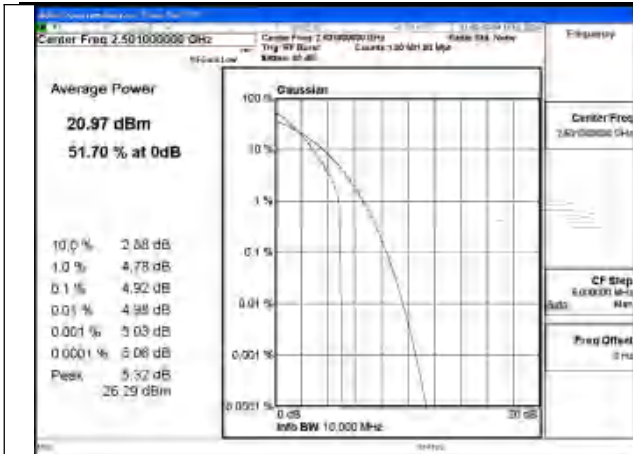


Fig.19

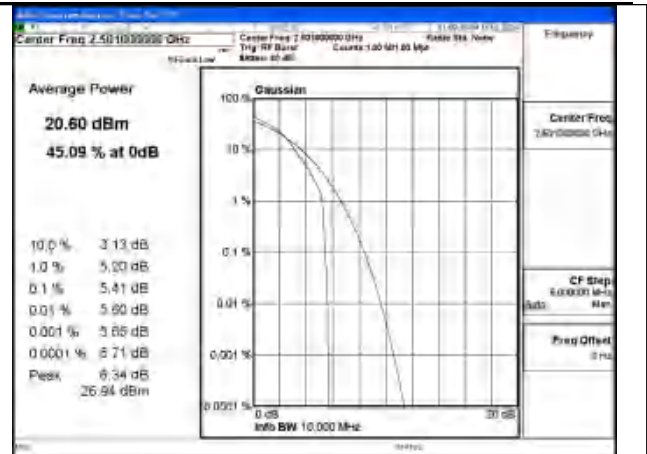


Fig.20

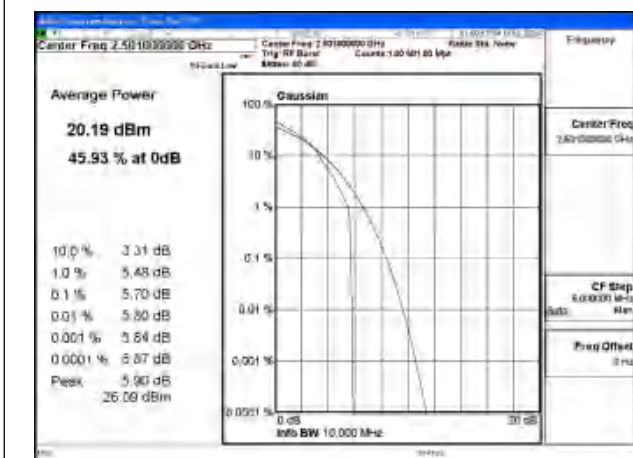


Fig.21

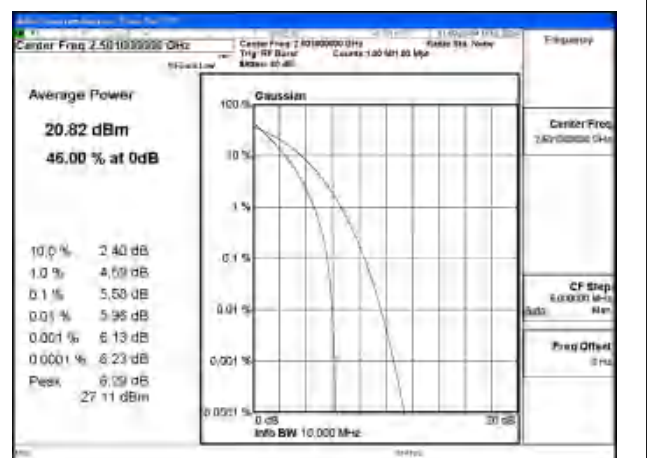


Fig.22

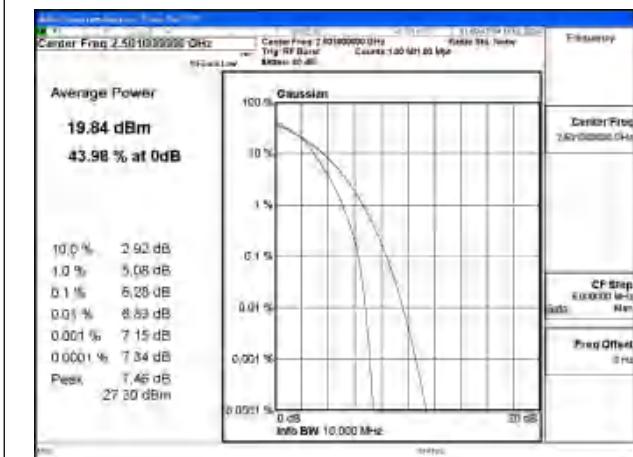


Fig.23

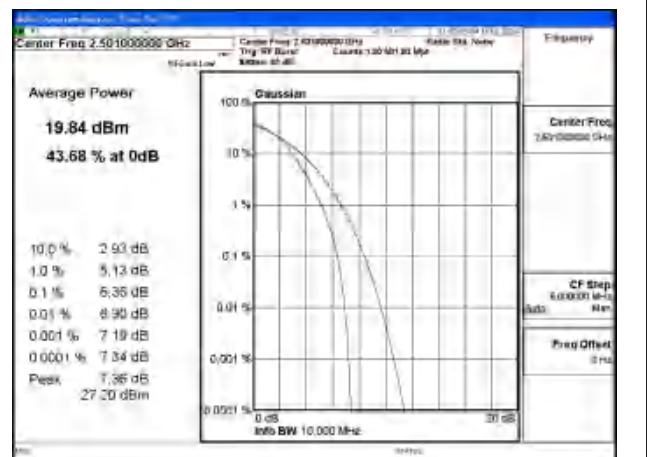


Fig.24

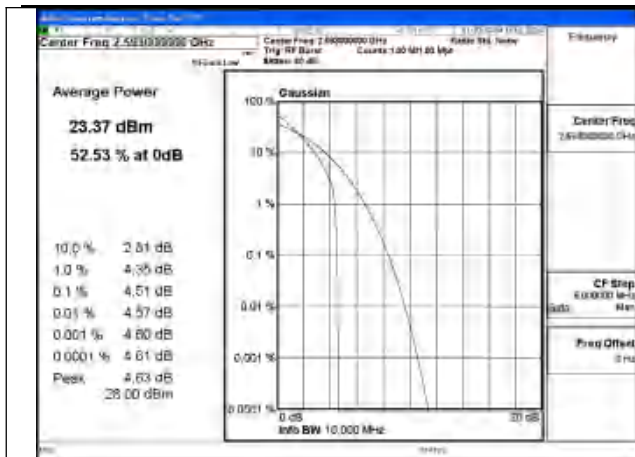


Fig.25

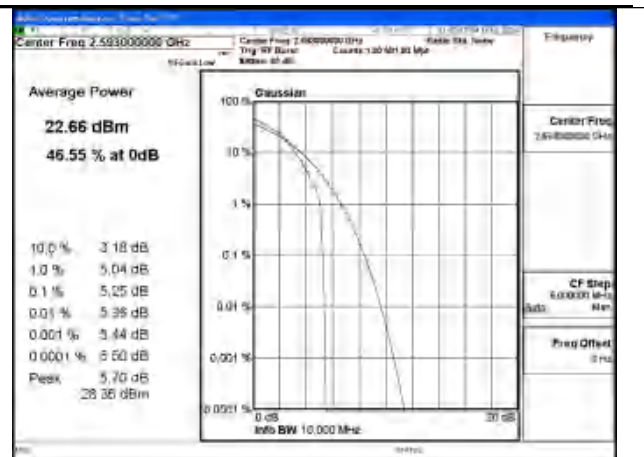


Fig.26

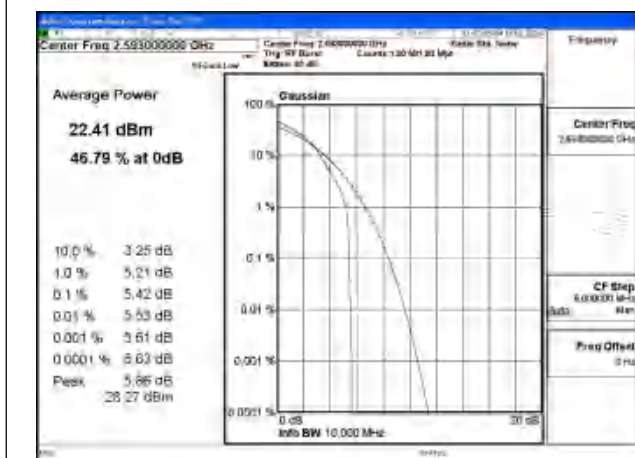


Fig.27

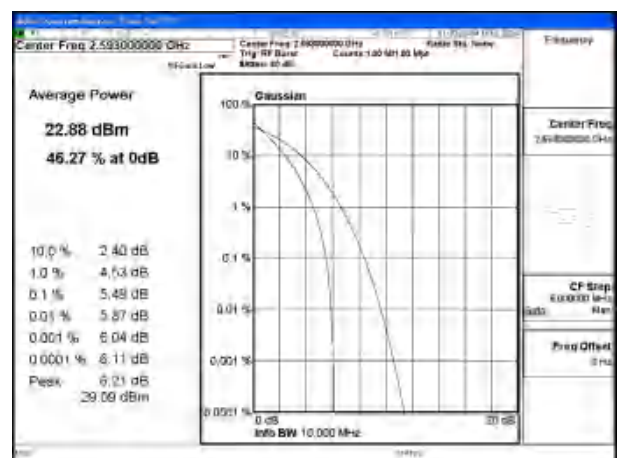


Fig.28

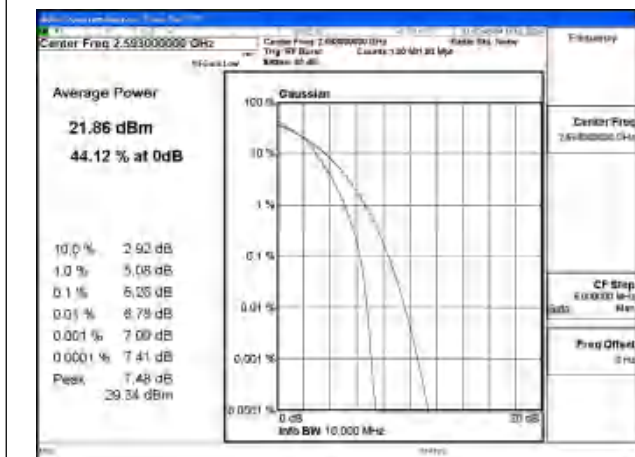


Fig.29

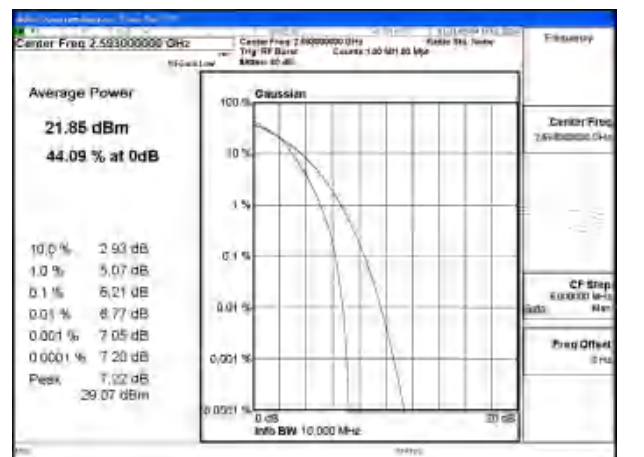


Fig.30

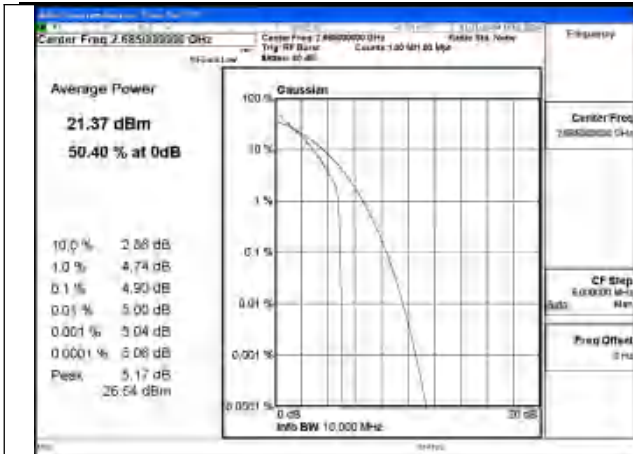


Fig.31

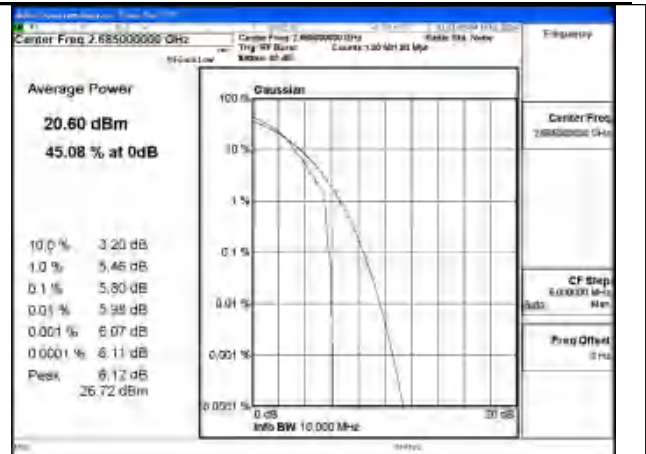


Fig.32

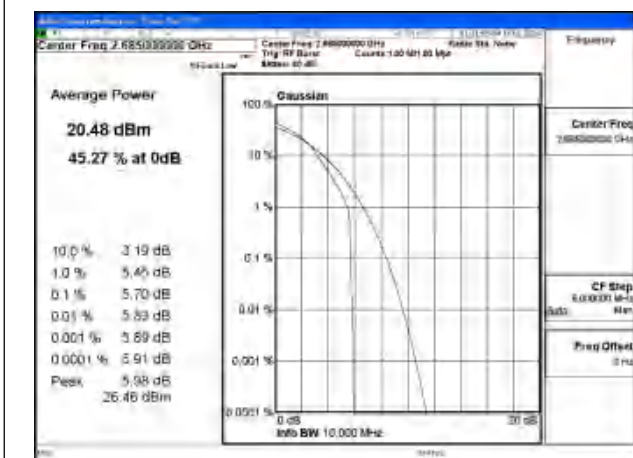


Fig.33

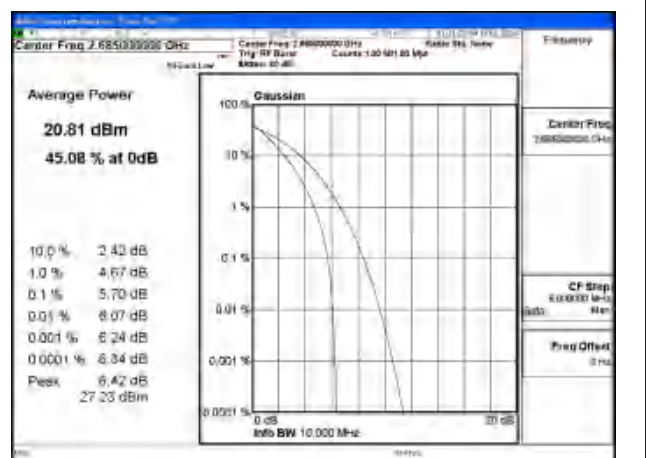


Fig.34

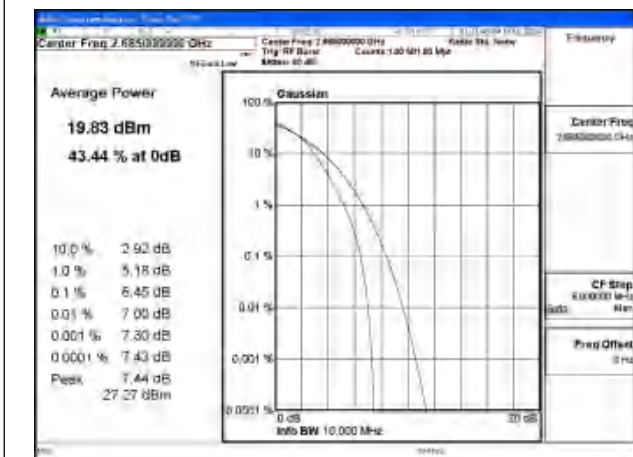


Fig.35

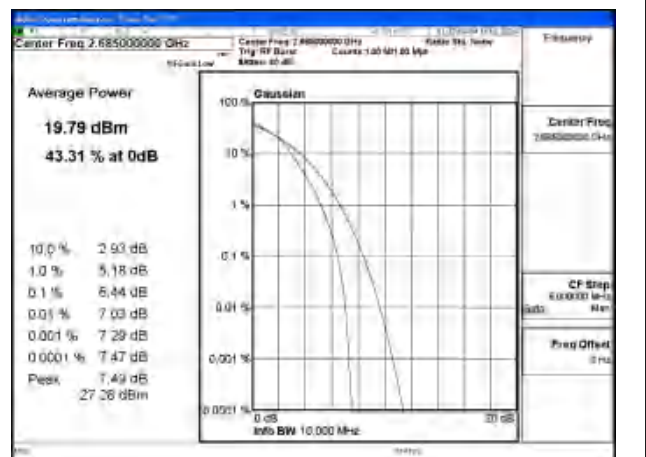


Fig.36

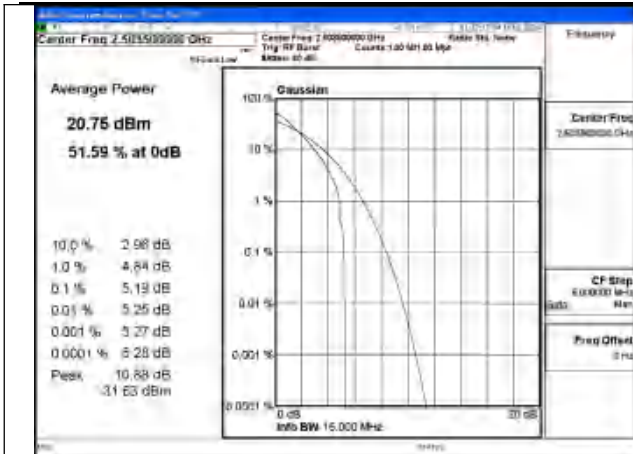


Fig.37

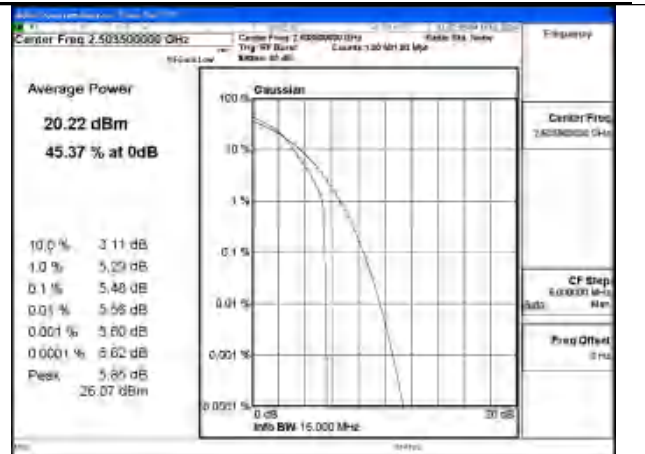


Fig.38

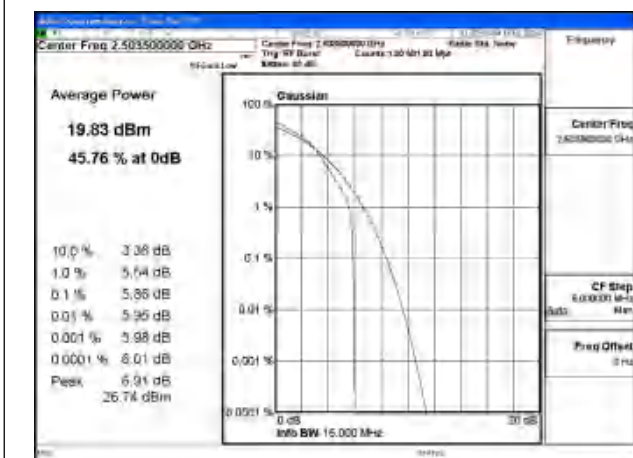


Fig.39

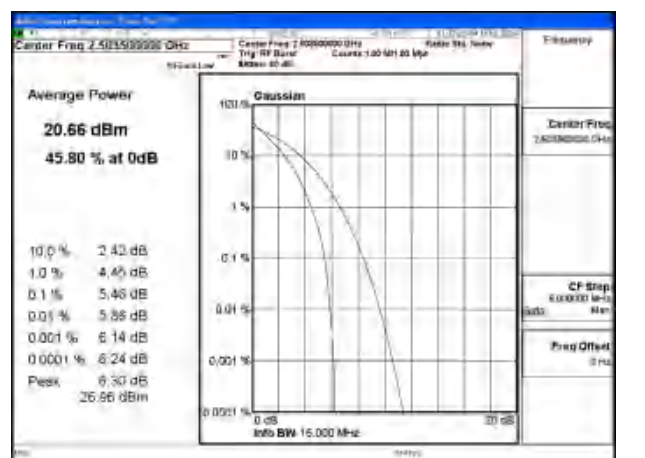


Fig.40

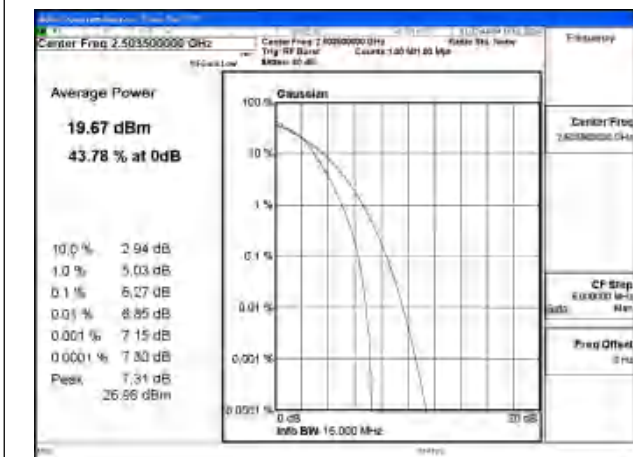


Fig.41

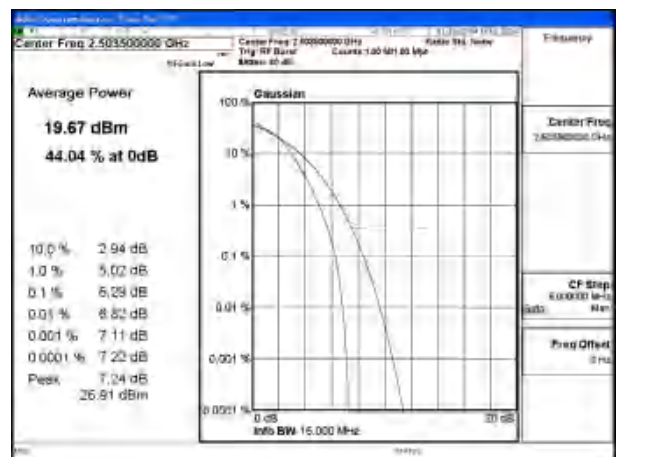


Fig.42

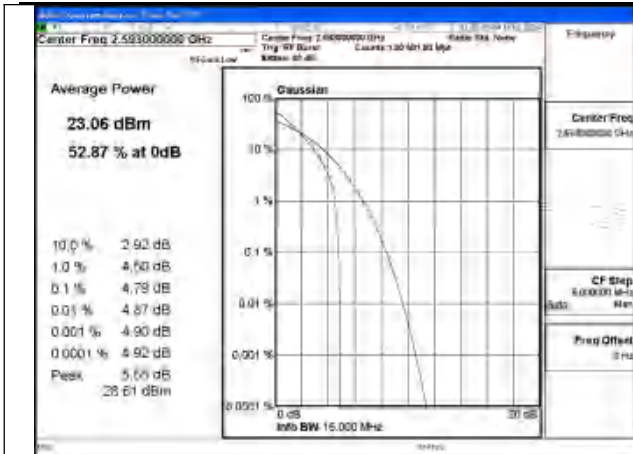


Fig.43

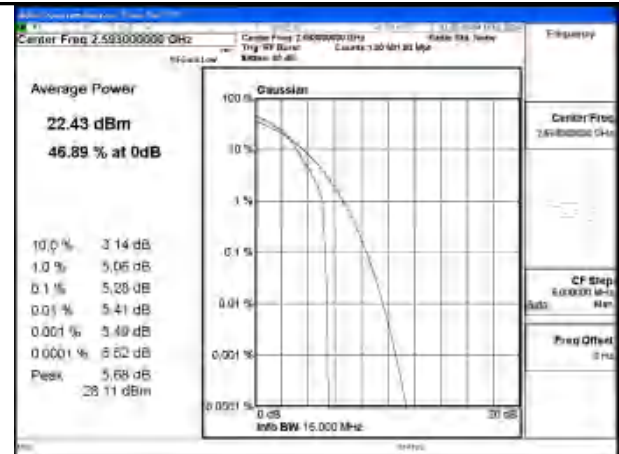


Fig.44

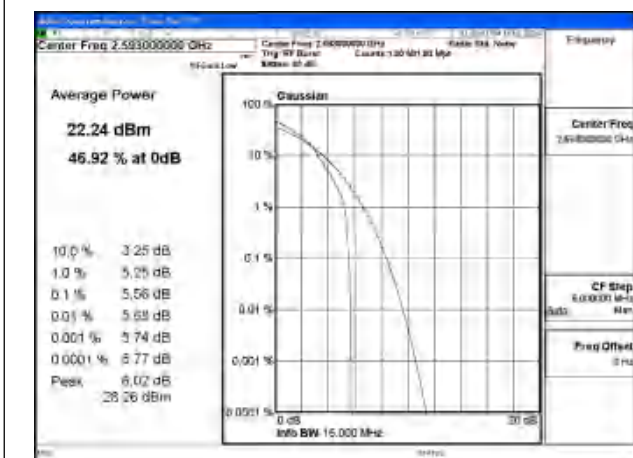


Fig.45

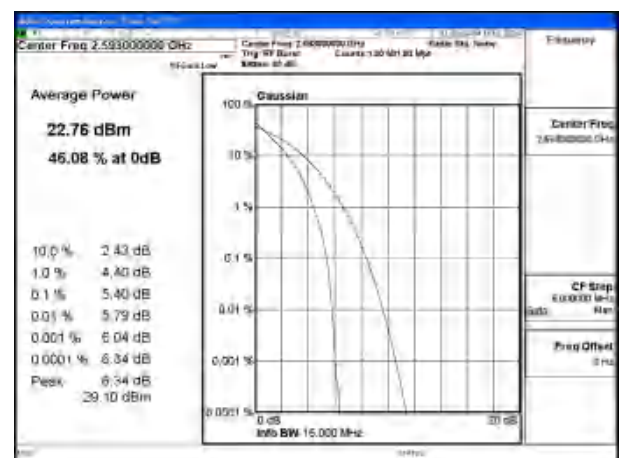


Fig.46

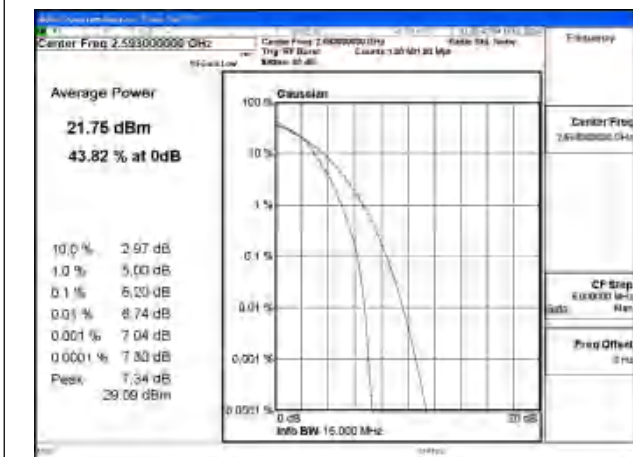


Fig.47

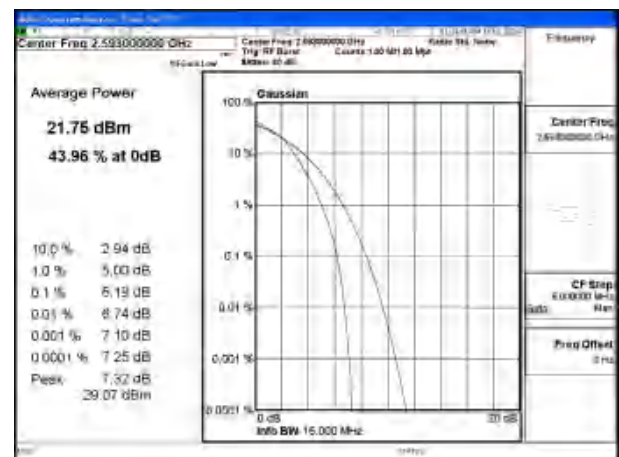


Fig.48

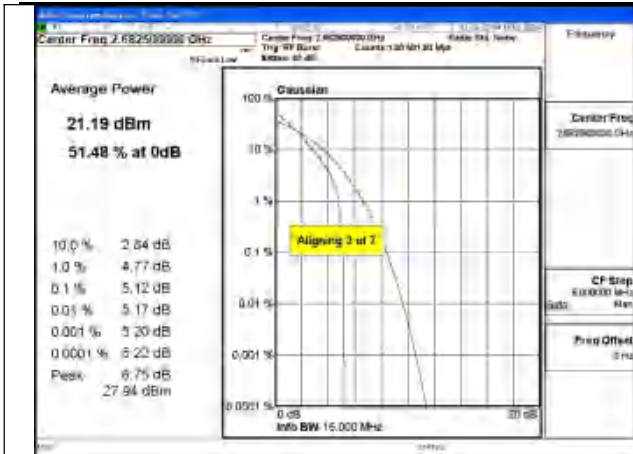


Fig.49

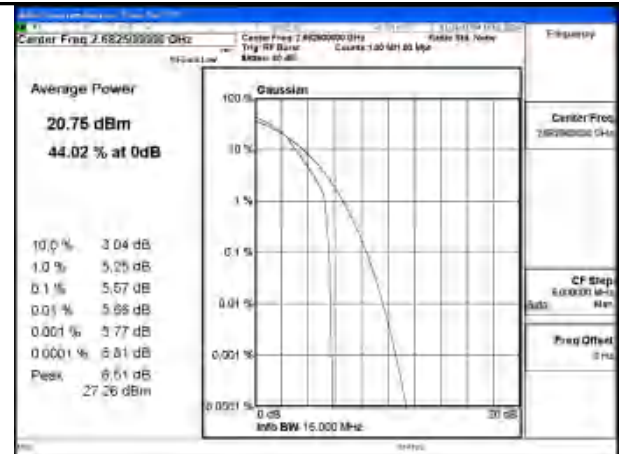


Fig.50

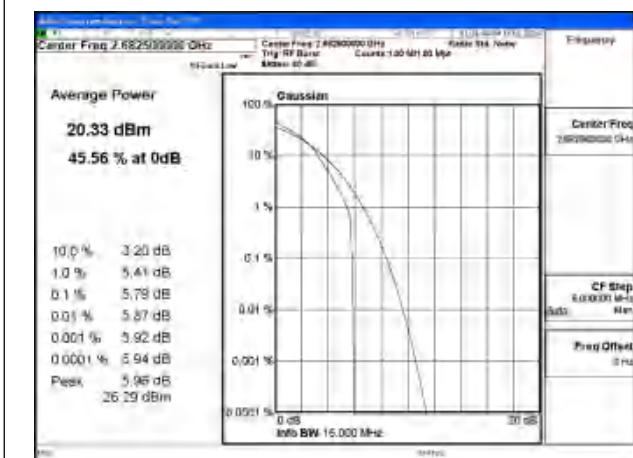


Fig.51

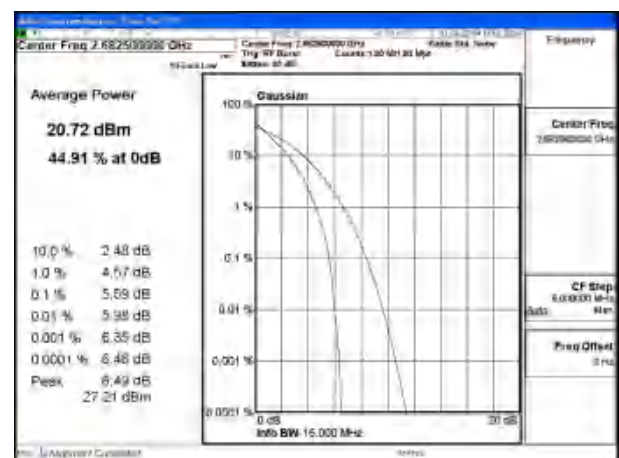


Fig.52

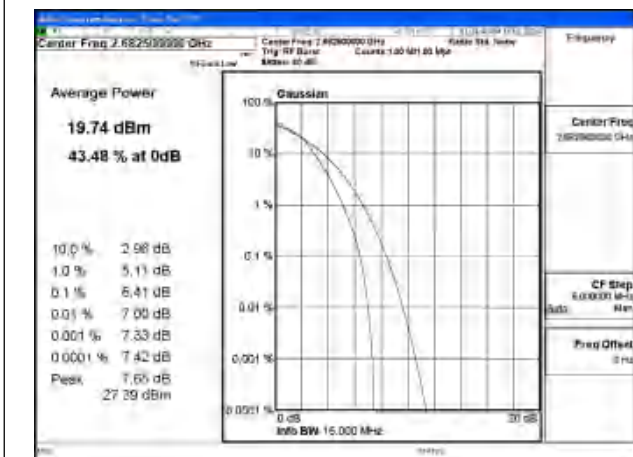


Fig.53

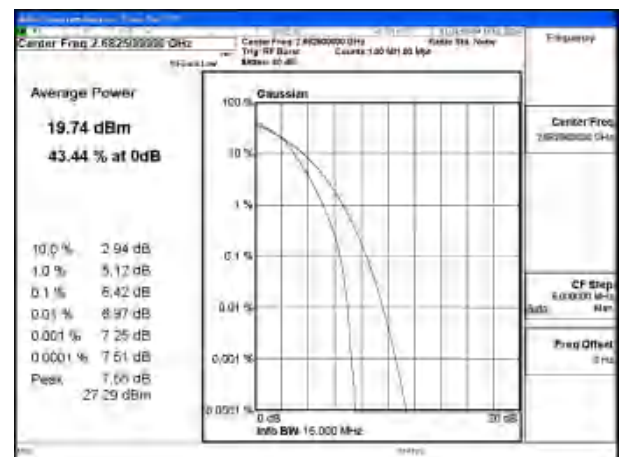


Fig.54

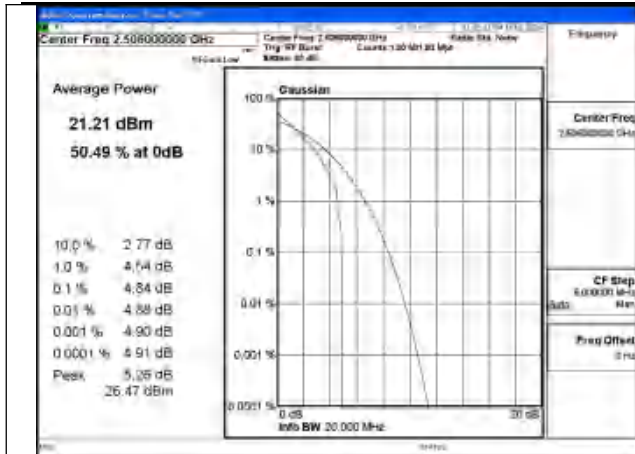


Fig.55

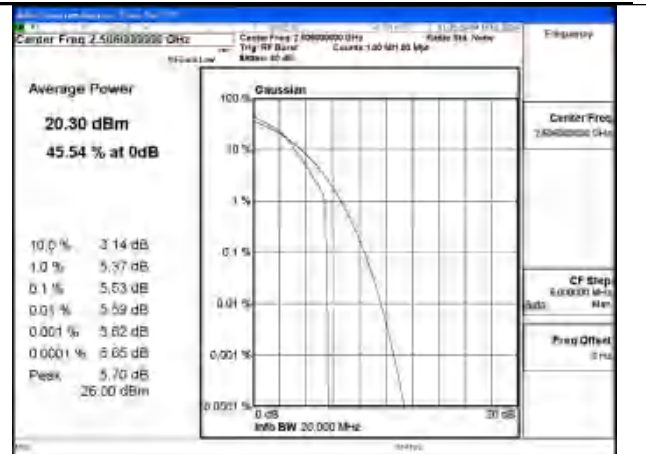


Fig.56

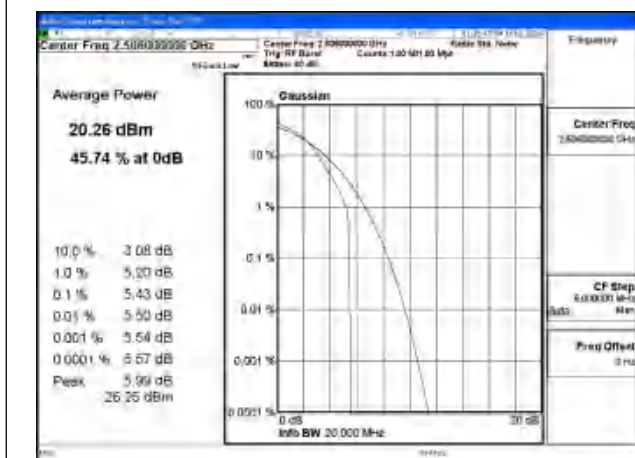


Fig.57

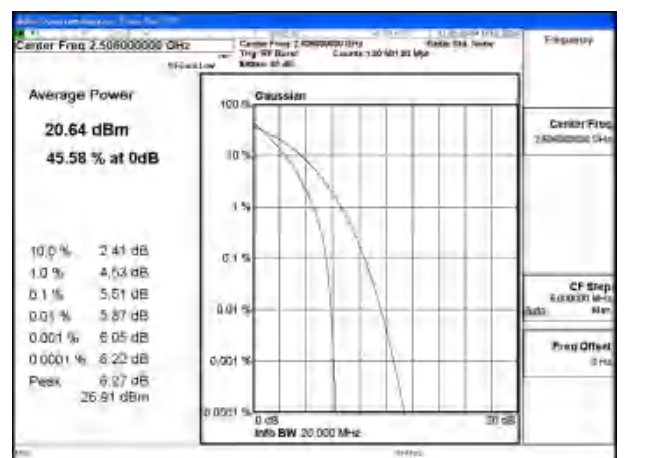


Fig.58

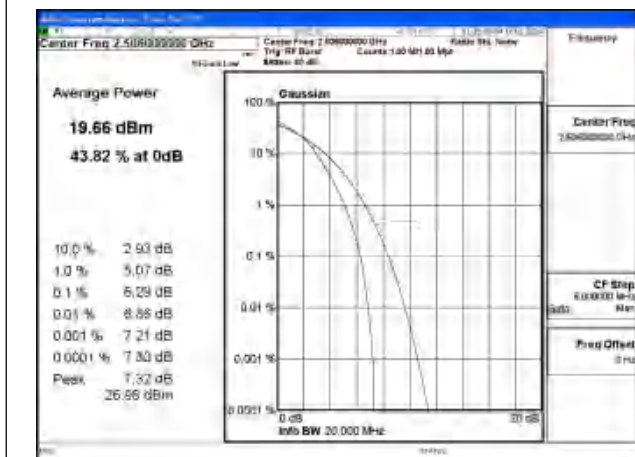


Fig.59

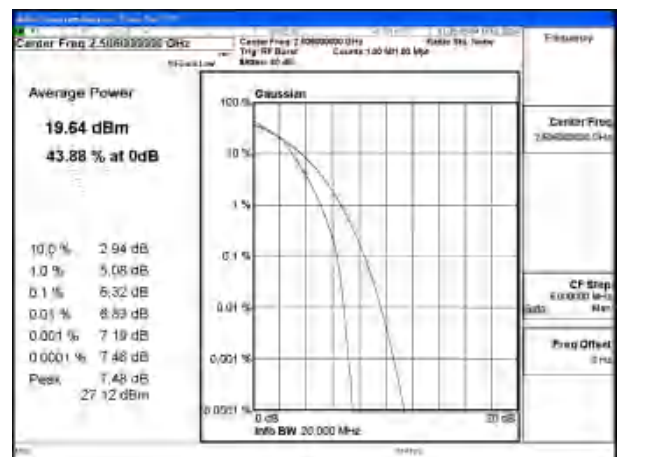


Fig.60

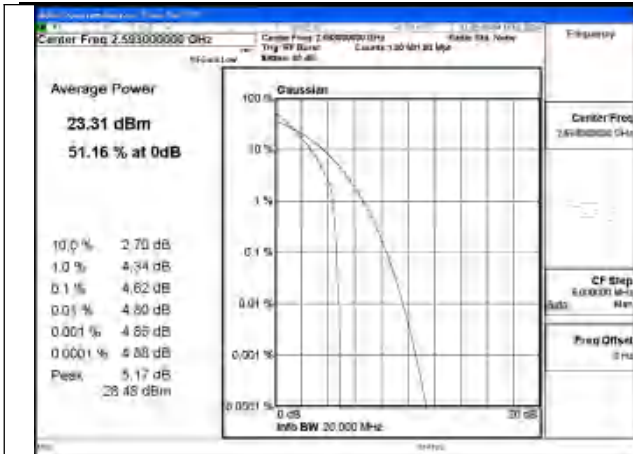


Fig.61

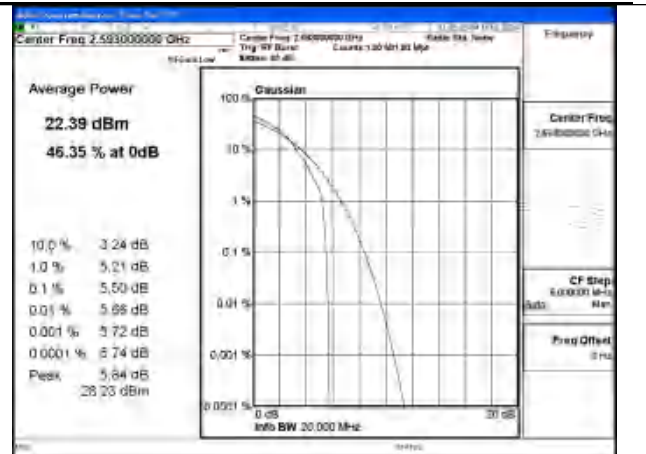


Fig.62

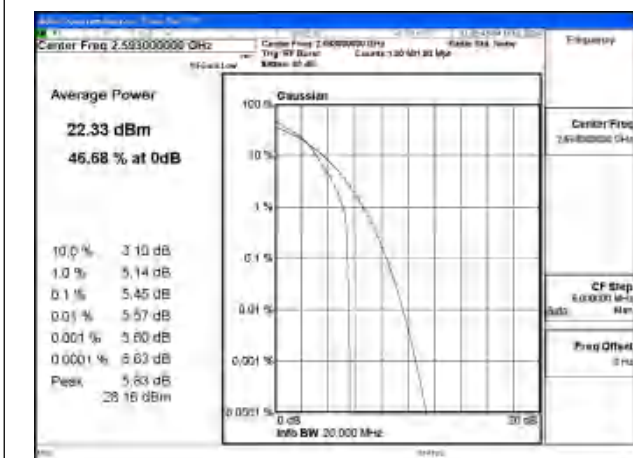


Fig.63

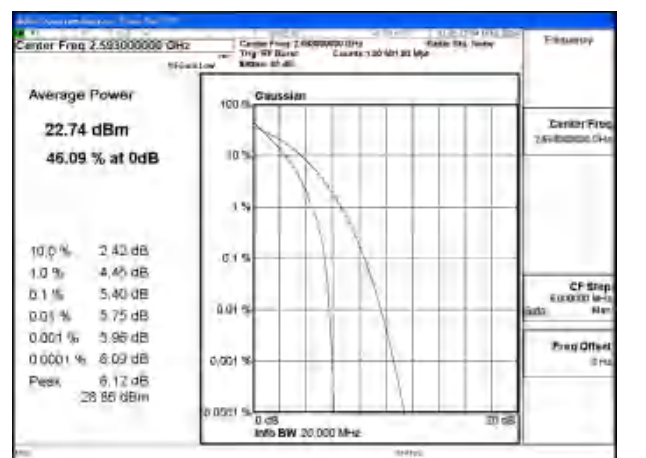


Fig.64

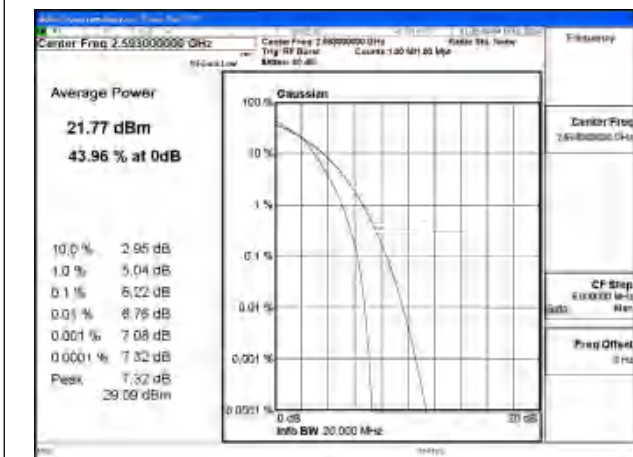


Fig.65

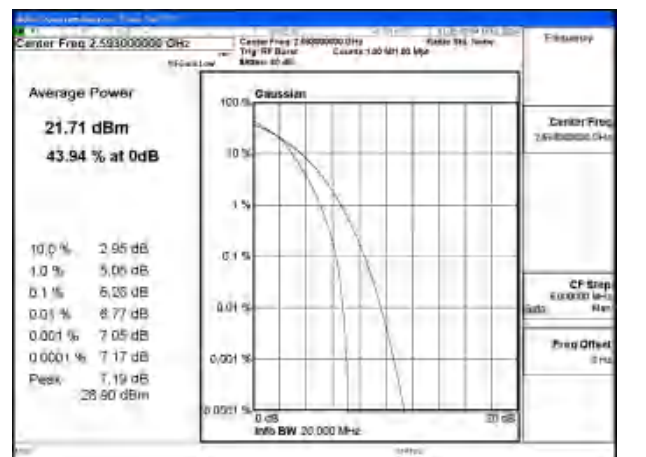


Fig.66

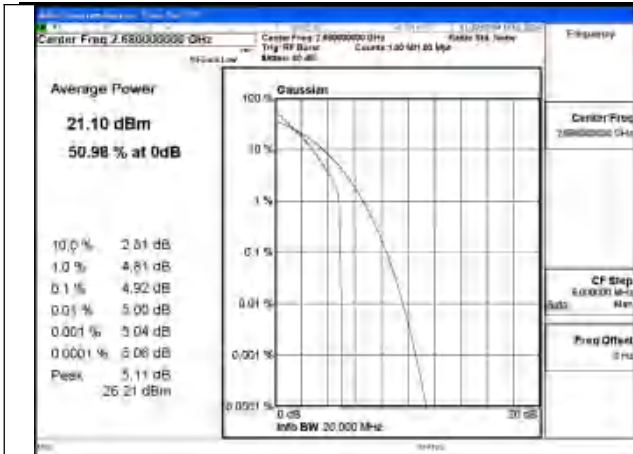


Fig.67

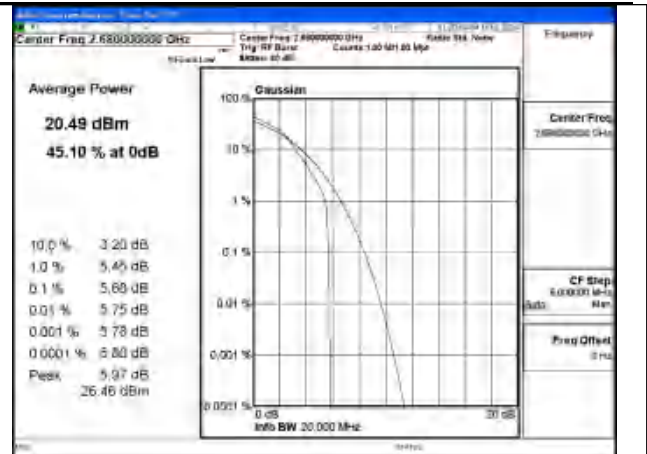


Fig.68

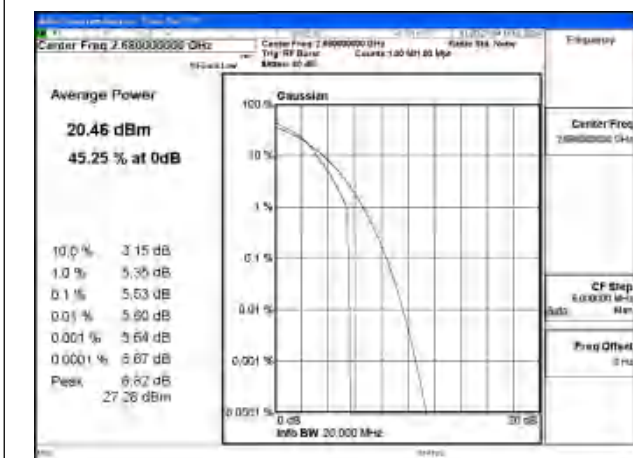


Fig.69

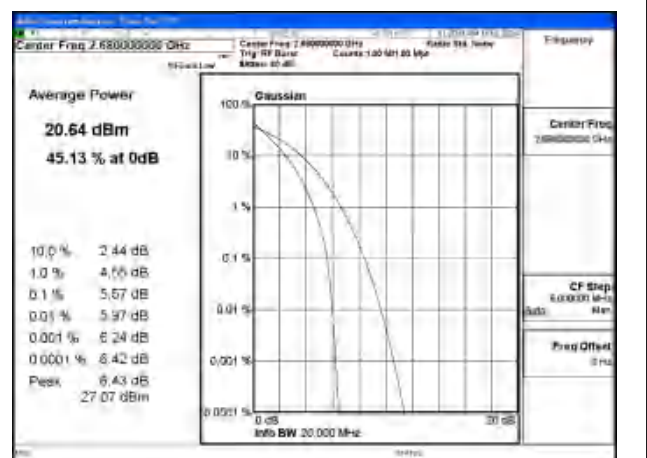


Fig.70

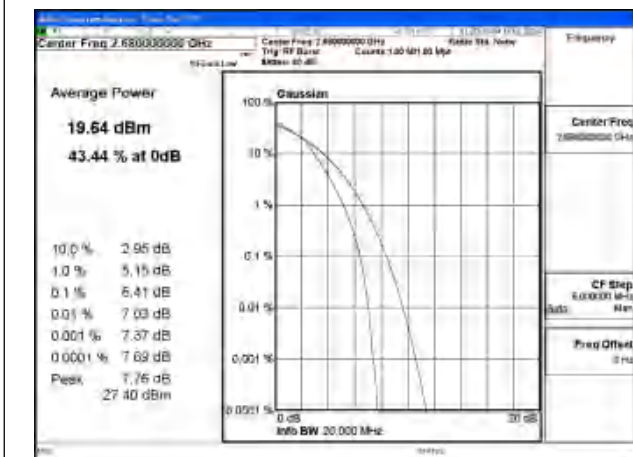


Fig.71

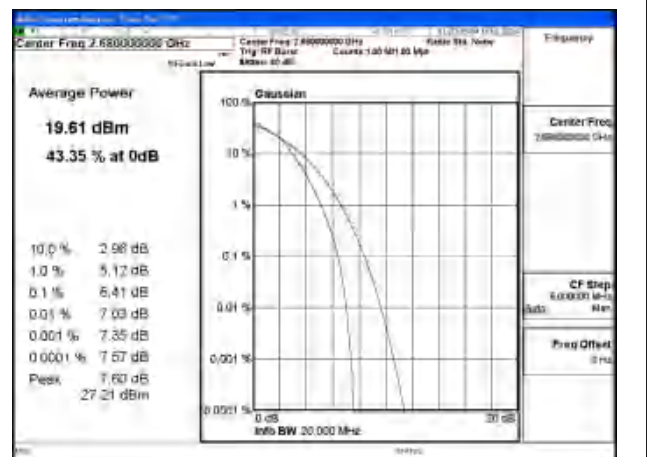


Fig.72

## 5 Spurious Emissions at antenna terminal

| Band | Carrier frequency (MHz) | Channel | BW | RB Size | RB Offset | Conducted Spurious Plot |
|------|-------------------------|---------|----|---------|-----------|-------------------------|
|      |                         |         |    |         |           | QPSK                    |
| 41   | 2506                    | 39750   | 20 | 1       | 0         | Fig.1                   |
| 41   | 2593                    | 40620   | 20 | 1       | 0         | Fig.2                   |
| 41   | 2680                    | 41490   | 20 | 1       | 0         | Fig.3                   |

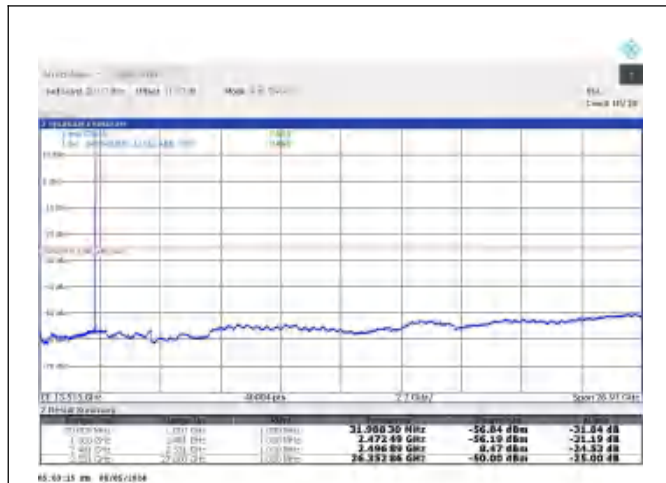


Fig.1



Fig.2

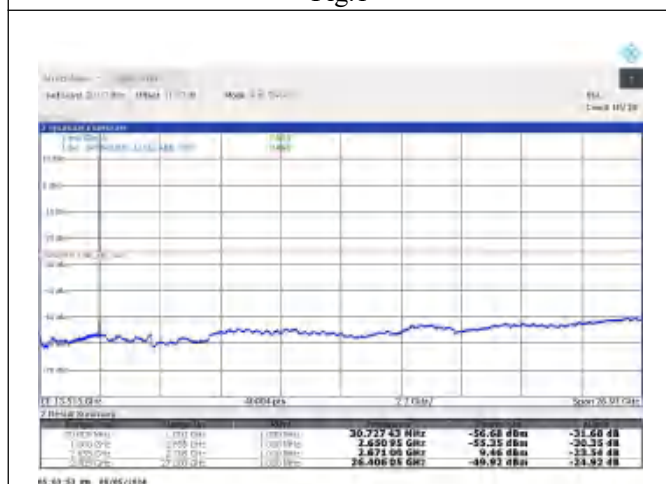


Fig.3



## 6 Band Edges Compliance

| Band | Mode | Carrier frequency (MHz) | Channel | BW | RB Size | RB Offset | Band Edges Plot |
|------|------|-------------------------|---------|----|---------|-----------|-----------------|
| 41   | QPSK | 2502.5                  | 39715   | 5  | 1       | 0         | Fig.1           |
| 41   | QPSK | 2502.5                  | 39715   | 5  | 25      | 0         | Fig.2           |
| 41   | QPSK | 2687.5                  | 41565   | 5  | 1       | 24        | Fig.3           |
| 41   | QPSK | 2687.5                  | 41565   | 5  | 25      | 0         | Fig.4           |
| 41   | QPSK | 2505                    | 39740   | 10 | 1       | 0         | Fig.5           |
| 41   | QPSK | 2505                    | 39740   | 10 | 50      | 0         | Fig.6           |
| 41   | QPSK | 2685                    | 41540   | 10 | 1       | 49        | Fig.7           |
| 41   | QPSK | 2685                    | 41540   | 10 | 50      | 0         | Fig.8           |
| 41   | QPSK | 2507.5                  | 39765   | 15 | 1       | 0         | Fig.9           |
| 41   | QPSK | 2507.5                  | 39765   | 15 | 75      | 0         | Fig.10          |
| 41   | QPSK | 2682.5                  | 41515   | 15 | 1       | 74        | Fig.11          |
| 41   | QPSK | 2682.5                  | 41515   | 15 | 75      | 0         | Fig.12          |
| 41   | QPSK | 2510                    | 39790   | 20 | 1       | 0         | Fig.13          |
| 41   | QPSK | 2510                    | 39790   | 20 | 100     | 0         | Fig.14          |
| 41   | QPSK | 2680                    | 41490   | 20 | 1       | 99        | Fig.15          |
| 41   | QPSK | 2680                    | 41490   | 20 | 100     | 0         | Fig.16          |

| Band | Mode  | Carrier frequency (MHz) | Channel | BW | RB Size | RB Offset | Band Edges Plot |
|------|-------|-------------------------|---------|----|---------|-----------|-----------------|
| 41   | 16QAM | 2502.5                  | 39715   | 5  | 1       | 0         | Fig.17          |
| 41   | 16QAM | 2502.5                  | 39715   | 5  | 25      | 0         | Fig.18          |
| 41   | 16QAM | 2687.5                  | 41565   | 5  | 1       | 24        | Fig.19          |
| 41   | 16QAM | 2687.5                  | 41565   | 5  | 25      | 0         | Fig.20          |
| 41   | 16QAM | 2505                    | 39740   | 10 | 1       | 0         | Fig.21          |
| 41   | 16QAM | 2505                    | 39740   | 10 | 50      | 0         | Fig.22          |
| 41   | 16QAM | 2685                    | 41540   | 10 | 1       | 49        | Fig.23          |
| 41   | 16QAM | 2685                    | 41540   | 10 | 50      | 0         | Fig.24          |
| 41   | 16QAM | 2507.5                  | 39765   | 15 | 1       | 0         | Fig.25          |
| 41   | 16QAM | 2507.5                  | 39765   | 15 | 75      | 0         | Fig.26          |
| 41   | 16QAM | 2682.5                  | 41515   | 15 | 1       | 74        | Fig.27          |
| 41   | 16QAM | 2682.5                  | 41515   | 15 | 75      | 0         | Fig.28          |
| 41   | 16QAM | 2510                    | 39790   | 20 | 1       | 0         | Fig.29          |
| 41   | 16QAM | 2510                    | 39790   | 20 | 100     | 0         | Fig.30          |
| 41   | 16QAM | 2680                    | 41490   | 20 | 1       | 99        | Fig.31          |
| 41   | 16QAM | 2680                    | 41490   | 20 | 100     | 0         | Fig.32          |



| Band | Mode  | Carrier frequency (MHz) | Channel | BW | RB Size | RB Offset | Band Edges Plot |
|------|-------|-------------------------|---------|----|---------|-----------|-----------------|
| 41   | 64QAM | 2502.5                  | 39715   | 5  | 1       | 0         | Fig.33          |
| 41   | 64QAM | 2502.5                  | 39715   | 5  | 25      | 0         | Fig.34          |
| 41   | 64QAM | 2687.5                  | 41565   | 5  | 1       | 24        | Fig.35          |
| 41   | 64QAM | 2687.5                  | 41565   | 5  | 25      | 0         | Fig.36          |
| 41   | 64QAM | 2505                    | 39740   | 10 | 1       | 0         | Fig.37          |
| 41   | 64QAM | 2505                    | 39740   | 10 | 50      | 0         | Fig.38          |
| 41   | 64QAM | 2685                    | 41540   | 10 | 1       | 49        | Fig.39          |
| 41   | 64QAM | 2685                    | 41540   | 10 | 50      | 0         | Fig.40          |
| 41   | 64QAM | 2507.5                  | 39765   | 15 | 1       | 0         | Fig.41          |
| 41   | 64QAM | 2507.5                  | 39765   | 15 | 75      | 0         | Fig.42          |
| 41   | 64QAM | 2682.5                  | 41515   | 15 | 1       | 74        | Fig.43          |
| 41   | 64QAM | 2682.5                  | 41515   | 15 | 75      | 0         | Fig.44          |
| 41   | 64QAM | 2510                    | 39790   | 20 | 1       | 0         | Fig.45          |
| 41   | 64QAM | 2510                    | 39790   | 20 | 100     | 0         | Fig.46          |
| 41   | 64QAM | 2680                    | 41490   | 20 | 1       | 99        | Fig.47          |
| 41   | 64QAM | 2680                    | 41490   | 20 | 100     | 0         | Fig.48          |

Test Mode: QPSK

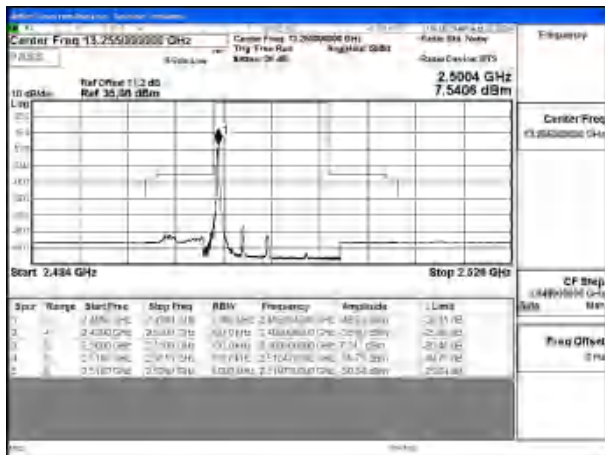


Fig.1

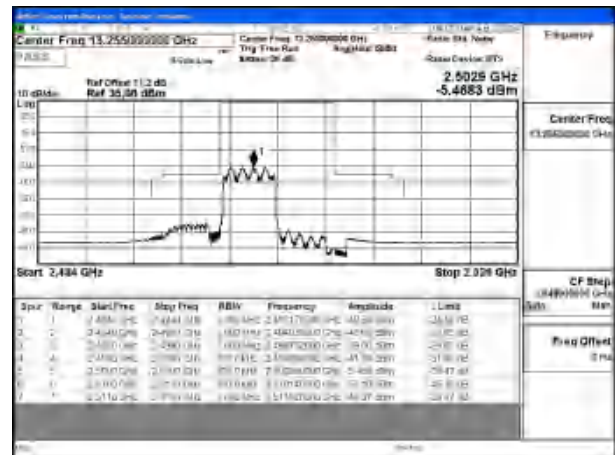


Fig.2



Fig.3



Fig.4

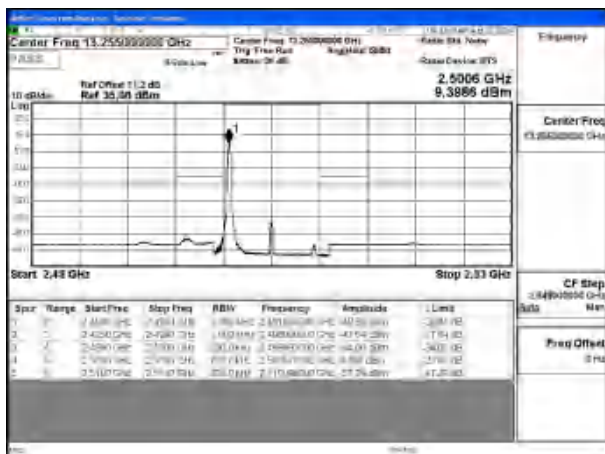


Fig.5

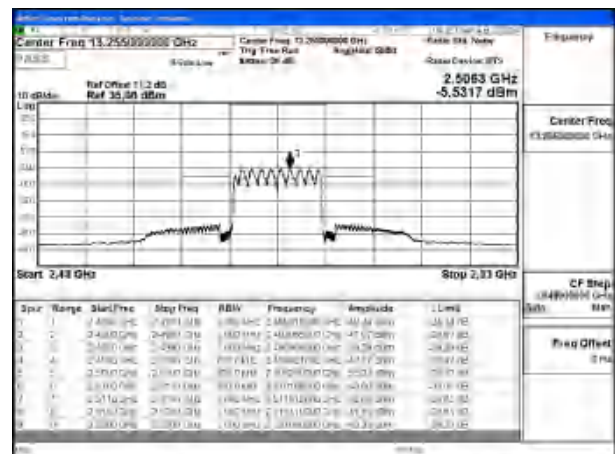


Fig.6

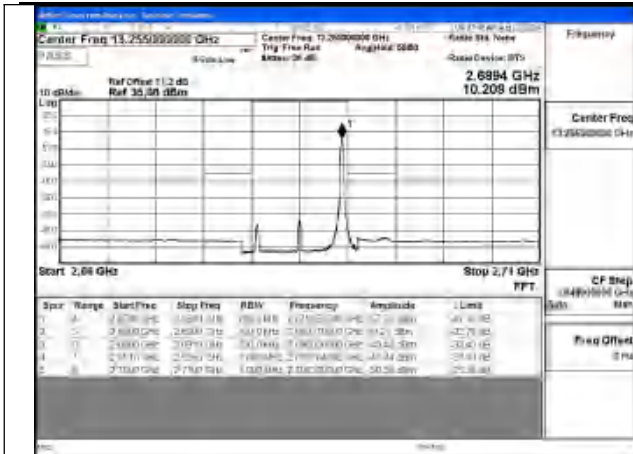


Fig.7

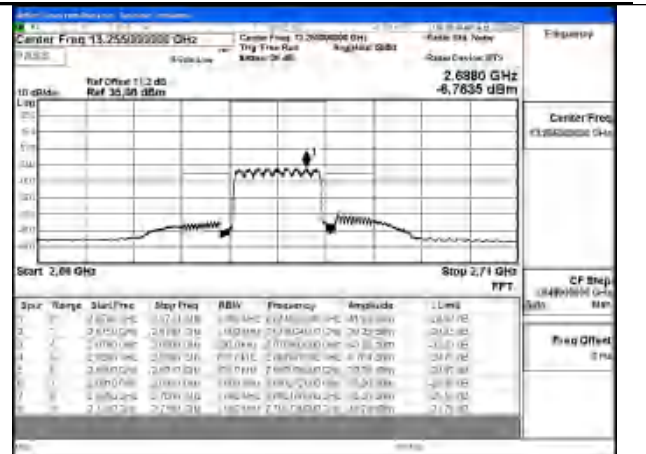


Fig.8



Fig.9



Fig.10



Fig.11



Fig.12

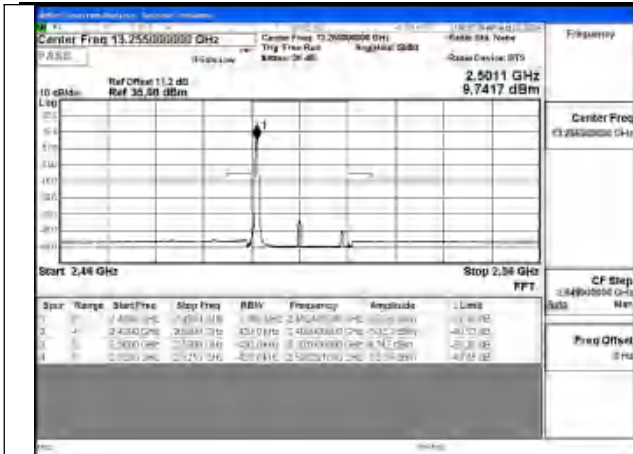


Fig.13



Fig.14

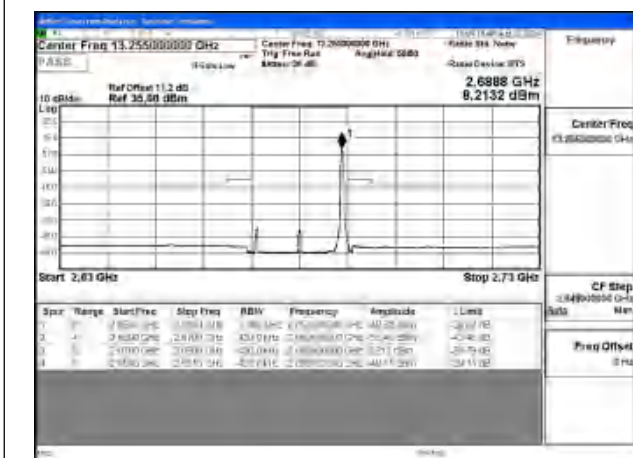


Fig.15

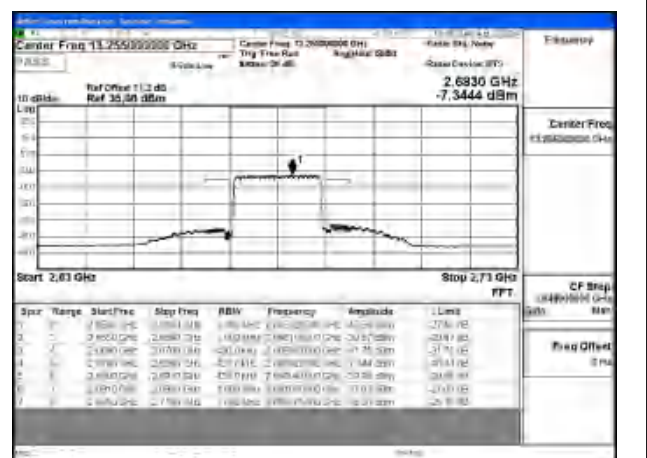


Fig.16

Test Mode: 16QAM

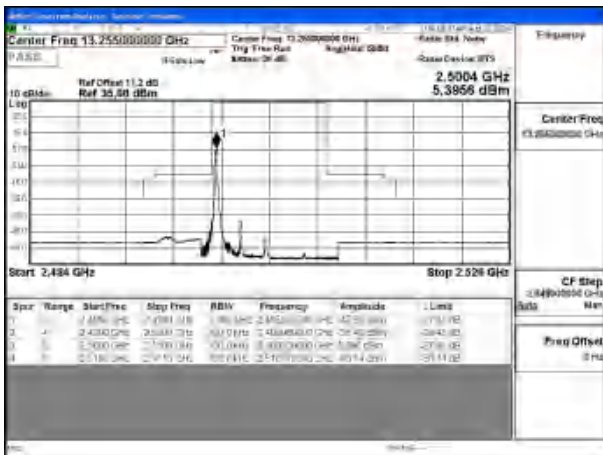


Fig.17

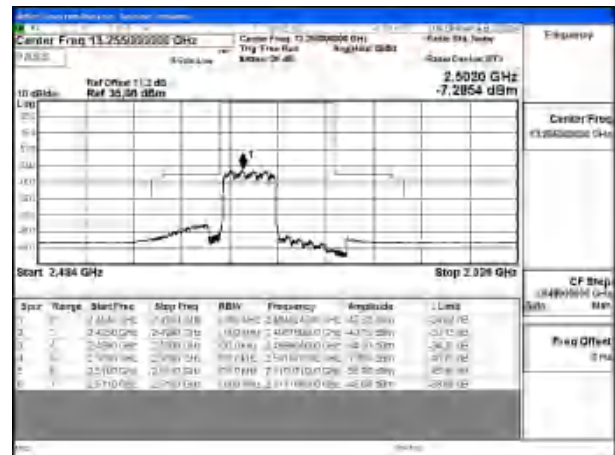


Fig.18



Fig.19



Fig.20

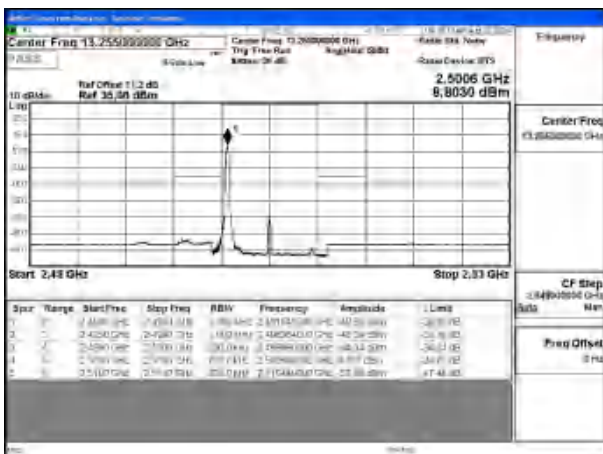


Fig.21

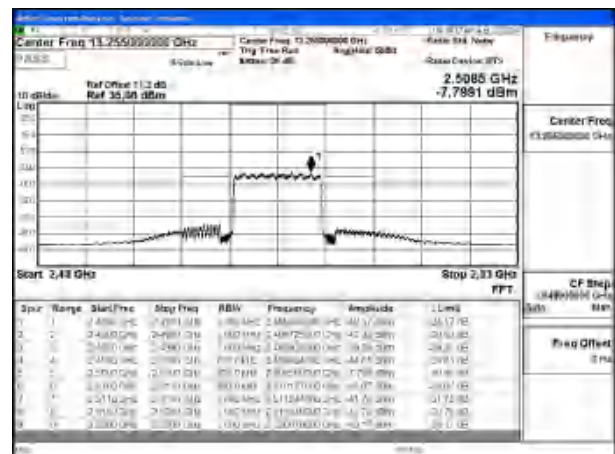


Fig.22

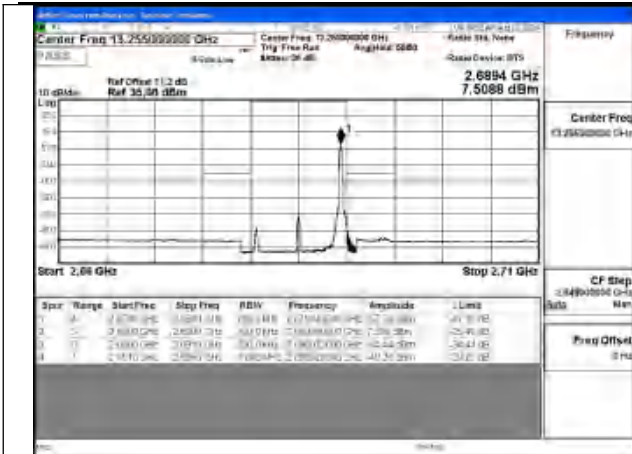


Fig.23

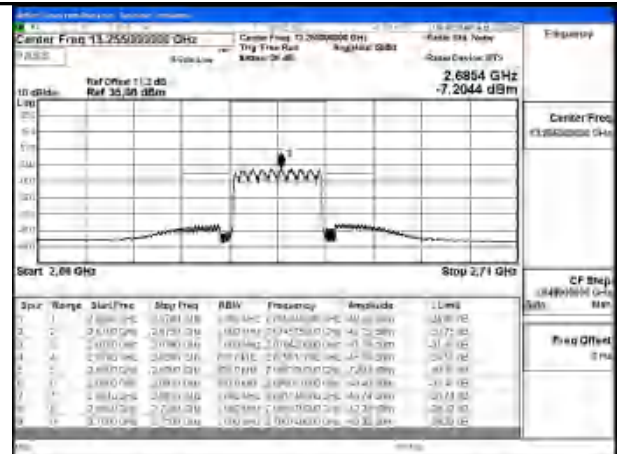


Fig.24

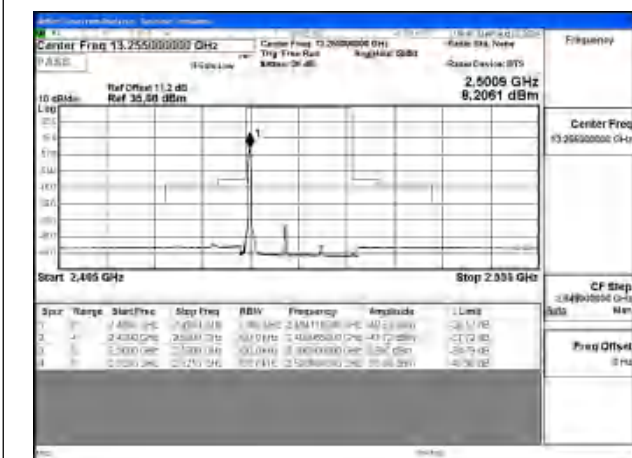


Fig.25

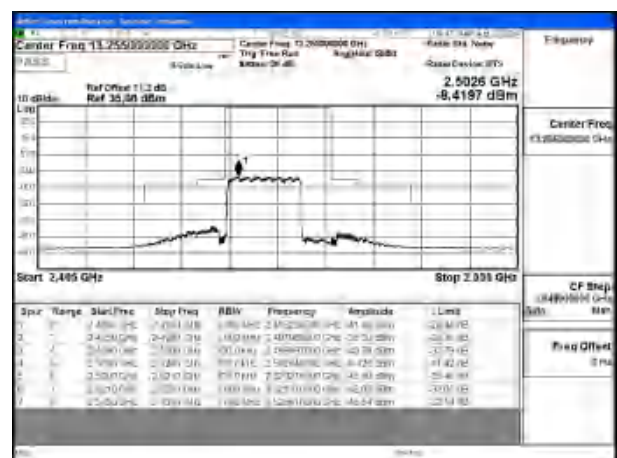


Fig.26

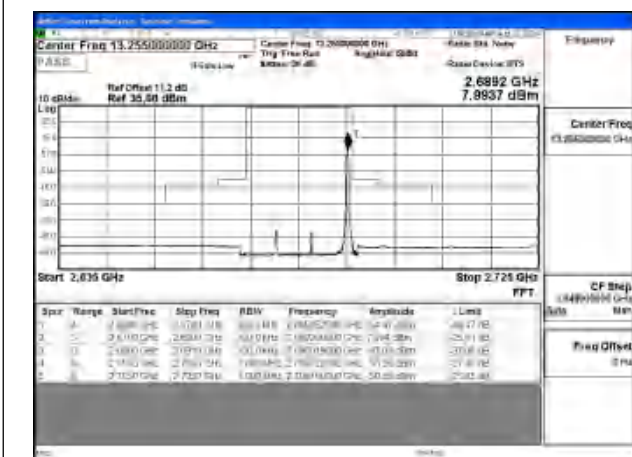


Fig.27

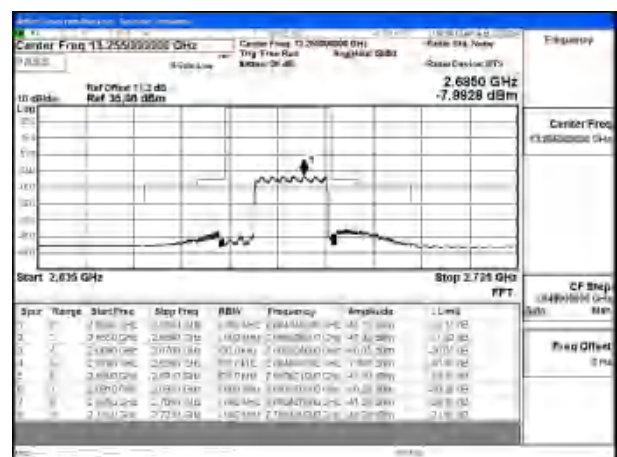
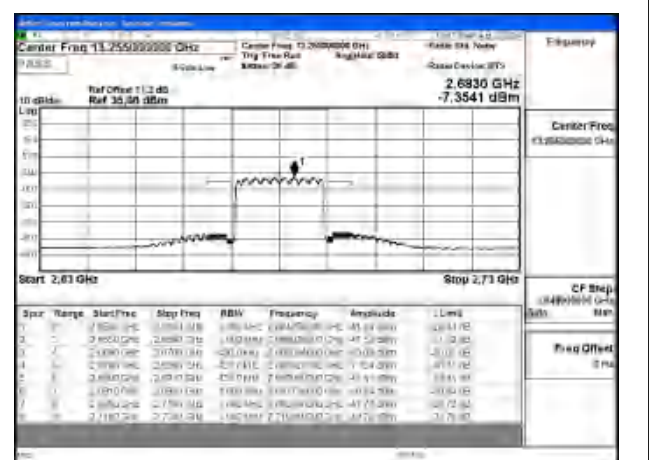
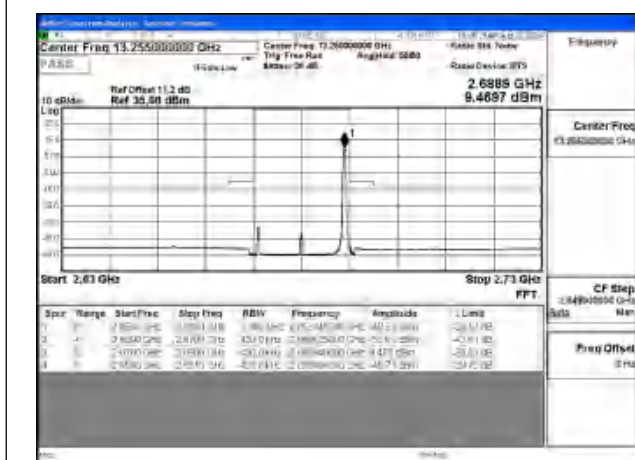
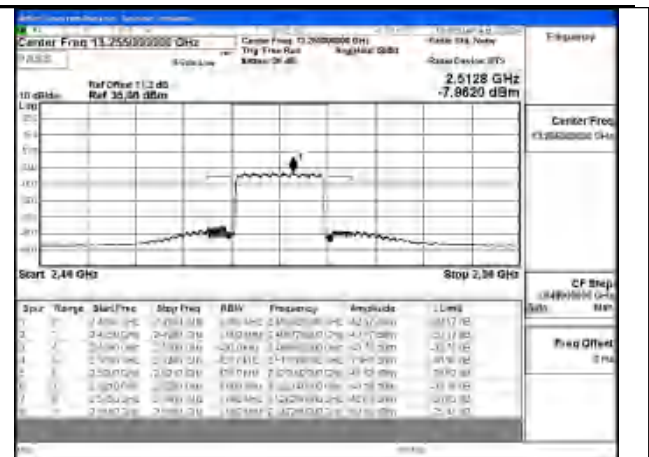
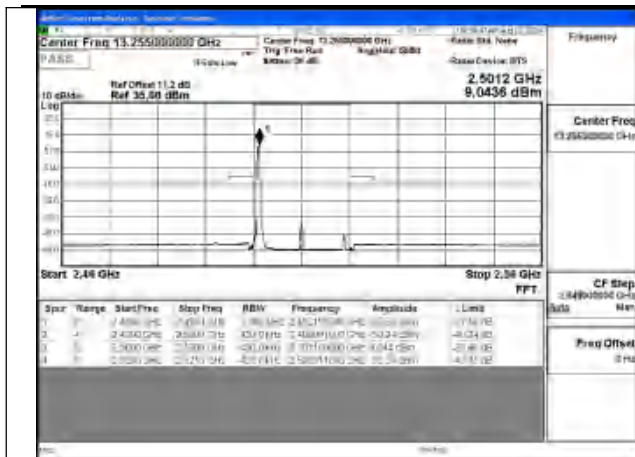


Fig.28



Test Mode: 64QAM

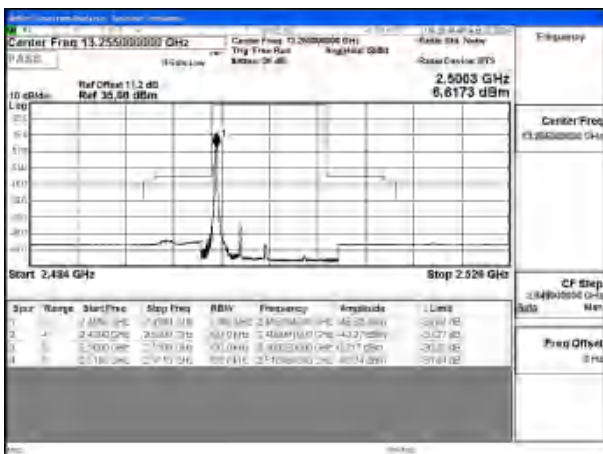


Fig.33



Fig.34



Fig.35



Fig.36

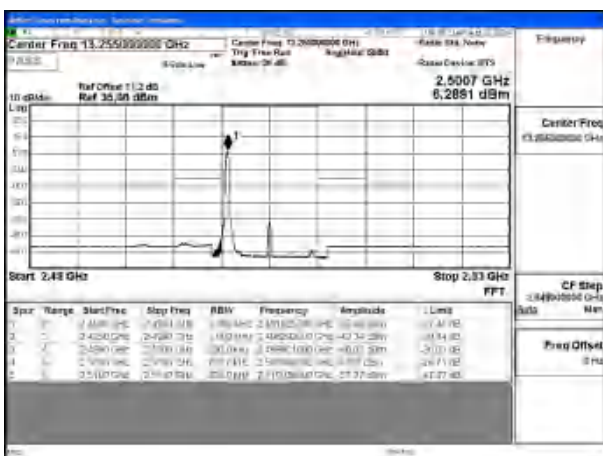


Fig.37

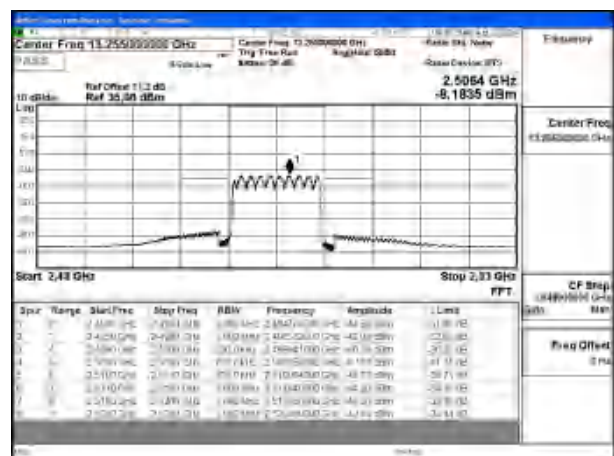


Fig.38

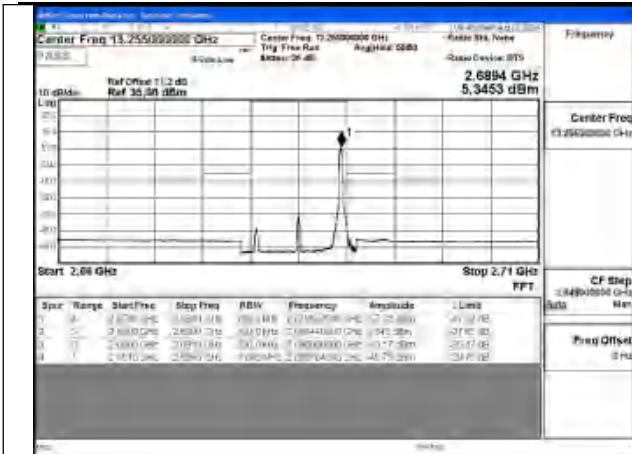


Fig.39

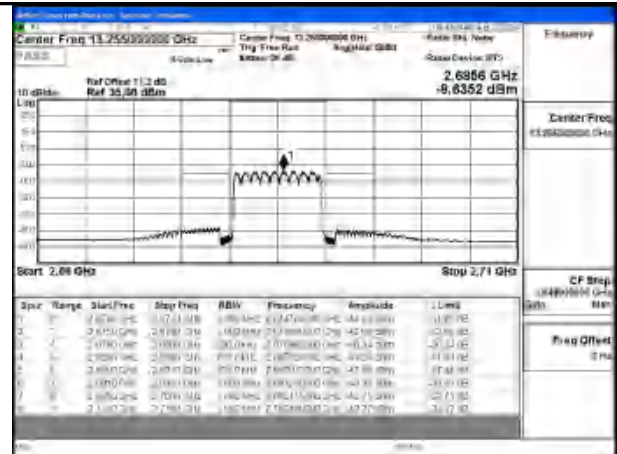


Fig.40

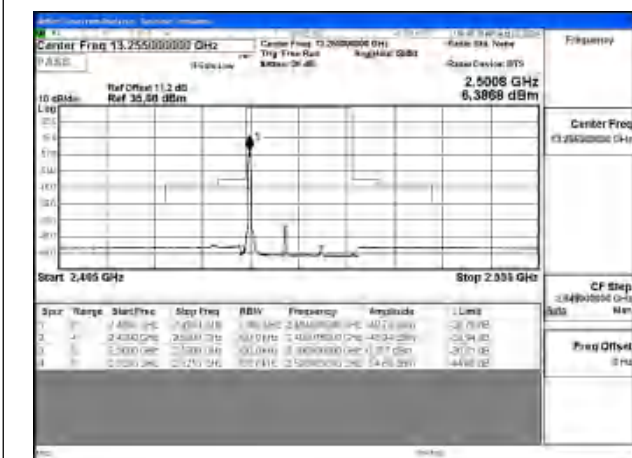


Fig.41

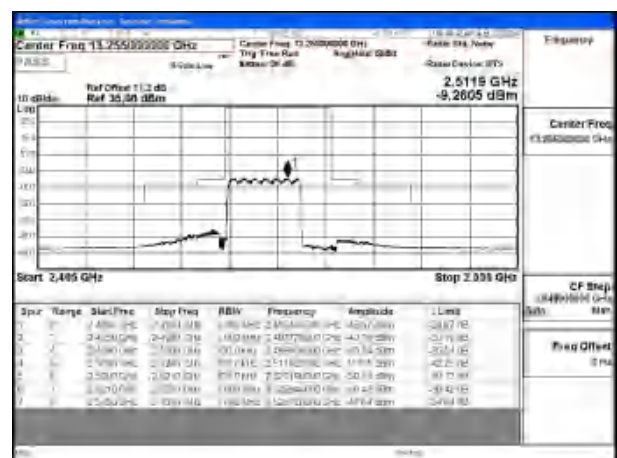


Fig.42

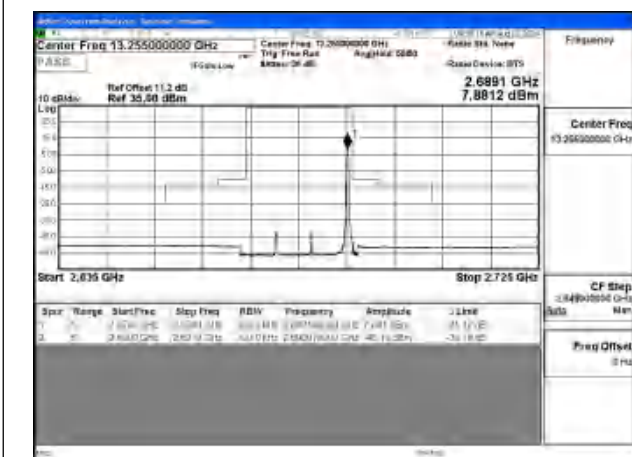


Fig.43

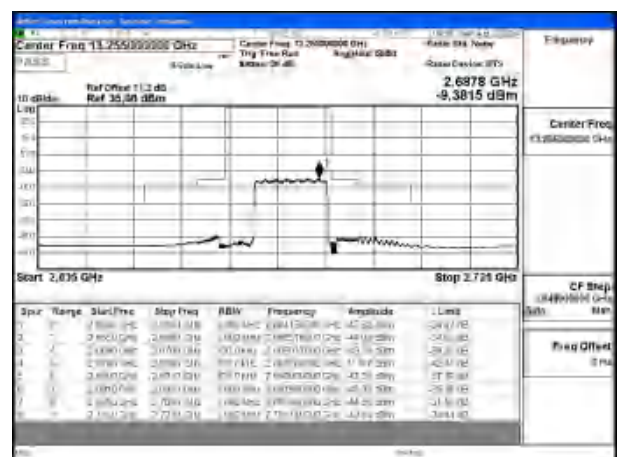


Fig.44

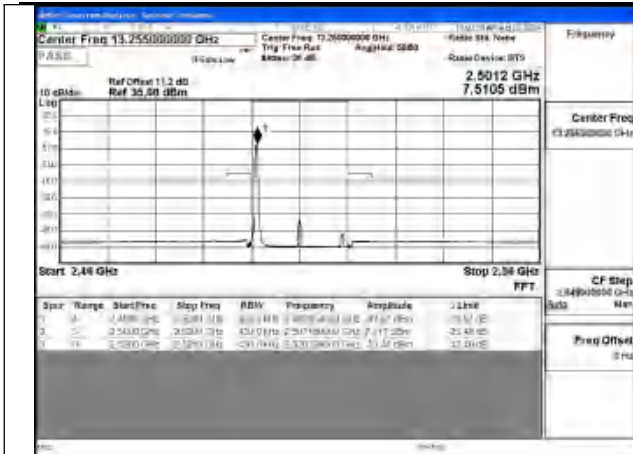


Fig.45



Fig.46

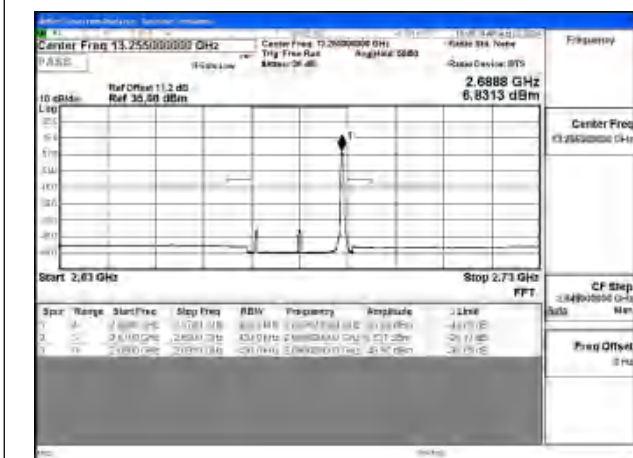


Fig.47

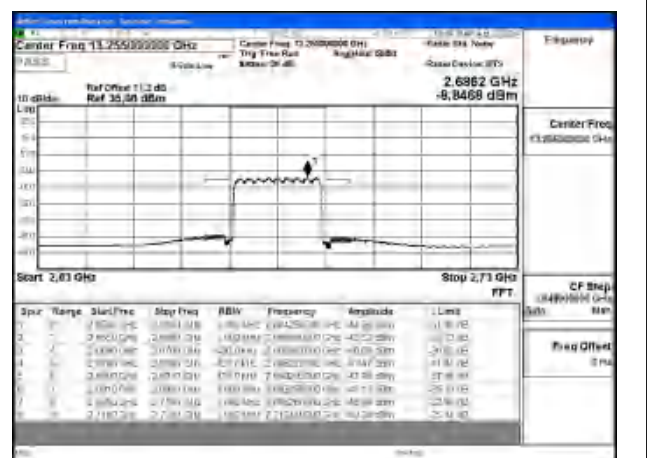


Fig.48



## 7 Frequency Stability

| Temperature(°C) | Voltage | Test Result (ppm) Band 41 Low Channel QPSK |        |        |        |
|-----------------|---------|--------------------------------------------|--------|--------|--------|
|                 |         | 5M                                         | 10M    | 15M    | 20M    |
| -10             | NV      | -0.004                                     | 0.003  | 0.003  | -0.005 |
| 0               | NV      | 0.008                                      | -0.009 | 0.009  | 0.002  |
| +10             | NV      | 0.002                                      | 0.001  | 0.002  | 0.001  |
| +20             | NV      | 0.001                                      | 0.002  | 0.001  | -0.002 |
| +30             | NV      | 0.002                                      | 0.002  | 0.003  | -0.001 |
| +40             | NV      | 0.003                                      | -0.002 | -0.002 | -0.002 |
| +55             | NV      | 0.001                                      | 0.002  | 0.001  | 0.002  |
| +20             | LV      | -0.002                                     | -0.006 | 0.024  | -0.004 |
| +20             | HV      | -0.054                                     | 0.006  | -0.007 | 0.001  |

| Temperature(°C) | Voltage | Test Result (ppm) Band 41 High Channel QPSK |        |        |        |
|-----------------|---------|---------------------------------------------|--------|--------|--------|
|                 |         | 5M                                          | 10M    | 15M    | 20M    |
| -10             | NV      | 0.002                                       | 0.001  | 0.000  | 0.000  |
| 0               | NV      | -0.001                                      | 0.001  | -0.001 | -0.001 |
| +10             | NV      | 0.001                                       | 0.001  | 0.000  | 0.000  |
| +20             | NV      | 0.001                                       | 0.000  | -0.002 | -0.001 |
| +30             | NV      | 0.001                                       | 0.000  | -0.002 | 0.000  |
| +40             | NV      | 0.001                                       | 0.001  | -0.001 | -0.001 |
| +55             | NV      | 0.000                                       | -0.001 | -0.001 | 0.000  |
| +20             | LV      | 0.000                                       | 0.001  | -0.001 | -0.001 |
| +20             | HV      | 0.002                                       | 0.000  | 0.000  | 0.001  |



**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       | 2498.5                  | 39675      | 5  | 1       | 0         | 22.03                 | 18.13           | 0.065         |
| QPSK       | 2498.5                  | 39675      | 5  | 1       | 12        | 22.10                 | 18.20           | 0.066         |
| QPSK       | 2498.5                  | 39675      | 5  | 1       | 24        | 22.07                 | 18.17           | 0.066         |
| QPSK       | 2498.5                  | 39675      | 5  | 12      | 0         | 21.05                 | 17.15           | 0.052         |
| QPSK       | 2498.5                  | 39675      | 5  | 12      | 7         | 21.09                 | 17.19           | 0.052         |
| QPSK       | 2498.5                  | 39675      | 5  | 12      | 13        | 21.14                 | 17.24           | 0.053         |
| QPSK       | 2498.5                  | 39675      | 5  | 25      | 0         | 21.06                 | 17.16           | 0.052         |
| QPSK       | 2593                    | 40620      | 5  | 1       | 0         | 23.07                 | 19.17           | 0.083         |
| QPSK       | 2593                    | 40620      | 5  | 1       | 12        | 23.04                 | 19.14           | 0.082         |
| QPSK       | 2593                    | 40620      | 5  | 1       | 24        | 23.26                 | 19.36           | 0.086         |
| QPSK       | 2593                    | 40620      | 5  | 12      | 0         | 22.17                 | 18.27           | 0.067         |
| QPSK       | 2593                    | 40620      | 5  | 12      | 7         | 22.24                 | 18.34           | 0.068         |
| QPSK       | 2593                    | 40620      | 5  | 12      | 13        | 22.15                 | 18.25           | 0.067         |
| QPSK       | 2593                    | 40620      | 5  | 25      | 0         | 22.24                 | 18.34           | 0.068         |
| QPSK       | 2687.5                  | 41565      | 5  | 1       | 0         | 21.70                 | 17.80           | 0.060         |
| QPSK       | 2687.5                  | 41565      | 5  | 1       | 12        | 22.01                 | 18.11           | 0.065         |
| QPSK       | 2687.5                  | 41565      | 5  | 1       | 24        | 21.90                 | 18.00           | 0.063         |
| QPSK       | 2687.5                  | 41565      | 5  | 12      | 0         | 20.88                 | 16.98           | 0.050         |
| QPSK       | 2687.5                  | 41565      | 5  | 12      | 7         | 20.91                 | 17.01           | 0.050         |
| QPSK       | 2687.5                  | 41565      | 5  | 12      | 13        | 20.88                 | 16.98           | 0.050         |
| QPSK       | 2687.5                  | 41565      | 5  | 25      | 0         | 20.91                 | 17.01           | 0.050         |



| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|-----------------|---------------|
| 16QAM      | 2498.5                  | 39675      | 5  | 1       | 0         | 21.50                 | 17.60           | 0.058         |
| 16QAM      | 2498.5                  | 39675      | 5  | 1       | 12        | 21.66                 | 17.76           | 0.060         |
| 16QAM      | 2498.5                  | 39675      | 5  | 1       | 24        | 21.27                 | 17.37           | 0.055         |
| 16QAM      | 2498.5                  | 39675      | 5  | 12      | 0         | 20.24                 | 16.34           | 0.043         |
| 16QAM      | 2498.5                  | 39675      | 5  | 12      | 7         | 20.22                 | 16.32           | 0.043         |
| 16QAM      | 2498.5                  | 39675      | 5  | 12      | 13        | 20.17                 | 16.27           | 0.042         |
| 16QAM      | 2498.5                  | 39675      | 5  | 25      | 0         | 20.09                 | 16.19           | 0.042         |
| 16QAM      | 2593                    | 40620      | 5  | 1       | 0         | 22.45                 | 18.55           | 0.072         |
| 16QAM      | 2593                    | 40620      | 5  | 1       | 12        | 22.64                 | 18.74           | 0.075         |
| 16QAM      | 2593                    | 40620      | 5  | 1       | 24        | 22.31                 | 18.41           | 0.069         |
| 16QAM      | 2593                    | 40620      | 5  | 12      | 0         | 21.12                 | 17.22           | 0.053         |
| 16QAM      | 2593                    | 40620      | 5  | 12      | 7         | 21.39                 | 17.49           | 0.056         |
| 16QAM      | 2593                    | 40620      | 5  | 12      | 13        | 21.18                 | 17.28           | 0.053         |
| 16QAM      | 2593                    | 40620      | 5  | 25      | 0         | 21.23                 | 17.33           | 0.054         |
| 16QAM      | 2687.5                  | 41565      | 5  | 1       | 0         | 21.17                 | 17.27           | 0.053         |
| 16QAM      | 2687.5                  | 41565      | 5  | 1       | 12        | 21.44                 | 17.54           | 0.057         |
| 16QAM      | 2687.5                  | 41565      | 5  | 1       | 24        | 21.41                 | 17.51           | 0.056         |
| 16QAM      | 2687.5                  | 41565      | 5  | 12      | 0         | 20.01                 | 16.11           | 0.041         |
| 16QAM      | 2687.5                  | 41565      | 5  | 12      | 7         | 19.98                 | 16.08           | 0.041         |
| 16QAM      | 2687.5                  | 41565      | 5  | 12      | 13        | 19.83                 | 15.93           | 0.039         |
| 16QAM      | 2687.5                  | 41565      | 5  | 25      | 0         | 19.86                 | 15.96           | 0.039         |
| 64QAM      | 2498.5                  | 39675      | 5  | 1       | 0         | 21.49                 | 17.59           | 0.057         |
| 64QAM      | 2498.5                  | 39675      | 5  | 1       | 12        | 21.25                 | 17.35           | 0.054         |
| 64QAM      | 2498.5                  | 39675      | 5  | 1       | 24        | 21.41                 | 17.51           | 0.056         |
| 64QAM      | 2498.5                  | 39675      | 5  | 12      | 0         | 20.17                 | 16.27           | 0.042         |
| 64QAM      | 2498.5                  | 39675      | 5  | 12      | 7         | 20.25                 | 16.35           | 0.043         |
| 64QAM      | 2498.5                  | 39675      | 5  | 12      | 13        | 20.24                 | 16.34           | 0.043         |
| 64QAM      | 2498.5                  | 39675      | 5  | 25      | 0         | 20.12                 | 16.22           | 0.042         |
| 64QAM      | 2593                    | 40620      | 5  | 1       | 0         | 22.11                 | 18.21           | 0.066         |
| 64QAM      | 2593                    | 40620      | 5  | 1       | 12        | 22.31                 | 18.41           | 0.069         |
| 64QAM      | 2593                    | 40620      | 5  | 1       | 24        | 22.16                 | 18.26           | 0.067         |
| 64QAM      | 2593                    | 40620      | 5  | 12      | 0         | 21.21                 | 17.31           | 0.054         |
| 64QAM      | 2593                    | 40620      | 5  | 12      | 7         | 21.26                 | 17.36           | 0.054         |
| 64QAM      | 2593                    | 40620      | 5  | 12      | 13        | 21.21                 | 17.31           | 0.054         |
| 64QAM      | 2593                    | 40620      | 5  | 25      | 0         | 21.29                 | 17.39           | 0.055         |
| 64QAM      | 2687.5                  | 41565      | 5  | 1       | 0         | 20.74                 | 16.84           | 0.048         |
| 64QAM      | 2687.5                  | 41565      | 5  | 1       | 12        | 20.85                 | 16.95           | 0.050         |
| 64QAM      | 2687.5                  | 41565      | 5  | 1       | 24        | 20.86                 | 16.96           | 0.050         |
| 64QAM      | 2687.5                  | 41565      | 5  | 12      | 0         | 19.90                 | 16.00           | 0.040         |
| 64QAM      | 2687.5                  | 41565      | 5  | 12      | 7         | 19.99                 | 16.09           | 0.041         |
| 64QAM      | 2687.5                  | 41565      | 5  | 12      | 13        | 19.85                 | 15.95           | 0.039         |
| 64QAM      | 2687.5                  | 41565      | 5  | 25      | 0         | 19.89                 | 15.99           | 0.040         |



| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|-----------------|---------------|
| QPSK       | 2501                    | 39700      | 10 | 1       | 0         | 22.00                 | 18.10           | 0.065         |
| QPSK       | 2501                    | 39700      | 10 | 1       | 25        | 22.14                 | 18.24           | 0.067         |
| QPSK       | 2501                    | 39700      | 10 | 1       | 49        | 21.94                 | 18.04           | 0.064         |
| QPSK       | 2501                    | 39700      | 10 | 25      | 0         | 21.10                 | 17.20           | 0.052         |
| QPSK       | 2501                    | 39700      | 10 | 25      | 12        | 21.08                 | 17.18           | 0.052         |
| QPSK       | 2501                    | 39700      | 10 | 25      | 25        | 21.02                 | 17.12           | 0.052         |
| QPSK       | 2501                    | 39700      | 10 | 50      | 0         | 21.09                 | 17.19           | 0.052         |
| QPSK       | 2593                    | 40620      | 10 | 1       | 0         | 23.37                 | 19.47           | 0.089         |
| QPSK       | 2593                    | 40620      | 10 | 1       | 25        | 23.26                 | 19.36           | 0.086         |
| QPSK       | 2593                    | 40620      | 10 | 1       | 49        | 23.05                 | 19.15           | 0.082         |
| QPSK       | 2593                    | 40620      | 10 | 25      | 0         | 22.29                 | 18.39           | 0.069         |
| QPSK       | 2593                    | 40620      | 10 | 25      | 12        | 22.26                 | 18.36           | 0.069         |
| QPSK       | 2593                    | 40620      | 10 | 25      | 25        | 22.16                 | 18.26           | 0.067         |
| QPSK       | 2593                    | 40620      | 10 | 50      | 0         | 22.29                 | 18.39           | 0.069         |
| QPSK       | 2685                    | 41540      | 10 | 1       | 0         | 21.69                 | 17.79           | 0.060         |
| QPSK       | 2685                    | 41540      | 10 | 1       | 25        | 21.87                 | 17.97           | 0.063         |
| QPSK       | 2685                    | 41540      | 10 | 1       | 49        | 21.86                 | 17.96           | 0.063         |
| QPSK       | 2685                    | 41540      | 10 | 25      | 0         | 20.71                 | 16.81           | 0.048         |
| QPSK       | 2685                    | 41540      | 10 | 25      | 12        | 20.82                 | 16.92           | 0.049         |
| QPSK       | 2685                    | 41540      | 10 | 25      | 25        | 20.87                 | 16.97           | 0.050         |
| QPSK       | 2685                    | 41540      | 10 | 50      | 0         | 20.78                 | 16.88           | 0.049         |



| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|-----------------|---------------|
| 16QAM      | 2501                    | 39700      | 10 | 1       | 0         | 21.59                 | 17.69           | 0.059         |
| 16QAM      | 2501                    | 39700      | 10 | 1       | 25        | 21.60                 | 17.70           | 0.059         |
| 16QAM      | 2501                    | 39700      | 10 | 1       | 49        | 21.28                 | 17.38           | 0.055         |
| 16QAM      | 2501                    | 39700      | 10 | 25      | 0         | 20.13                 | 16.23           | 0.042         |
| 16QAM      | 2501                    | 39700      | 10 | 25      | 12        | 20.09                 | 16.19           | 0.042         |
| 16QAM      | 2501                    | 39700      | 10 | 25      | 25        | 20.03                 | 16.13           | 0.041         |
| 16QAM      | 2501                    | 39700      | 10 | 50      | 0         | 20.18                 | 16.28           | 0.042         |
| 16QAM      | 2593                    | 40620      | 10 | 1       | 0         | 22.25                 | 18.35           | 0.068         |
| 16QAM      | 2593                    | 40620      | 10 | 1       | 25        | 22.43                 | 18.53           | 0.071         |
| 16QAM      | 2593                    | 40620      | 10 | 1       | 49        | 22.35                 | 18.45           | 0.070         |
| 16QAM      | 2593                    | 40620      | 10 | 25      | 0         | 21.27                 | 17.37           | 0.055         |
| 16QAM      | 2593                    | 40620      | 10 | 25      | 12        | 21.34                 | 17.44           | 0.055         |
| 16QAM      | 2593                    | 40620      | 10 | 25      | 25        | 21.17                 | 17.27           | 0.053         |
| 16QAM      | 2593                    | 40620      | 10 | 50      | 0         | 21.25                 | 17.35           | 0.054         |
| 16QAM      | 2685                    | 41540      | 10 | 1       | 0         | 21.31                 | 17.41           | 0.055         |
| 16QAM      | 2685                    | 41540      | 10 | 1       | 25        | 21.12                 | 17.22           | 0.053         |
| 16QAM      | 2685                    | 41540      | 10 | 1       | 49        | 21.13                 | 17.23           | 0.053         |
| 16QAM      | 2685                    | 41540      | 10 | 25      | 0         | 19.86                 | 15.96           | 0.039         |
| 16QAM      | 2685                    | 41540      | 10 | 25      | 12        | 19.92                 | 16.02           | 0.040         |
| 16QAM      | 2685                    | 41540      | 10 | 25      | 25        | 19.94                 | 16.04           | 0.040         |
| 16QAM      | 2685                    | 41540      | 10 | 50      | 0         | 19.83                 | 15.93           | 0.039         |
| 64QAM      | 2501                    | 39700      | 10 | 1       | 0         | 21.17                 | 17.27           | 0.053         |
| 64QAM      | 2501                    | 39700      | 10 | 1       | 25        | 21.34                 | 17.44           | 0.055         |
| 64QAM      | 2501                    | 39700      | 10 | 1       | 49        | 21.12                 | 17.22           | 0.053         |
| 64QAM      | 2501                    | 39700      | 10 | 25      | 0         | 20.15                 | 16.25           | 0.042         |
| 64QAM      | 2501                    | 39700      | 10 | 25      | 12        | 20.09                 | 16.19           | 0.042         |
| 64QAM      | 2501                    | 39700      | 10 | 25      | 25        | 20.14                 | 16.24           | 0.042         |
| 64QAM      | 2501                    | 39700      | 10 | 50      | 0         | 20.05                 | 16.15           | 0.041         |
| 64QAM      | 2593                    | 40620      | 10 | 1       | 0         | 22.40                 | 18.50           | 0.071         |
| 64QAM      | 2593                    | 40620      | 10 | 1       | 25        | 22.31                 | 18.41           | 0.069         |
| 64QAM      | 2593                    | 40620      | 10 | 1       | 49        | 21.96                 | 18.06           | 0.064         |
| 64QAM      | 2593                    | 40620      | 10 | 25      | 0         | 21.31                 | 17.41           | 0.055         |
| 64QAM      | 2593                    | 40620      | 10 | 25      | 12        | 21.27                 | 17.37           | 0.055         |
| 64QAM      | 2593                    | 40620      | 10 | 25      | 25        | 21.24                 | 17.34           | 0.054         |
| 64QAM      | 2593                    | 40620      | 10 | 50      | 0         | 21.26                 | 17.36           | 0.054         |
| 64QAM      | 2685                    | 41540      | 10 | 1       | 0         | 21.13                 | 17.23           | 0.053         |
| 64QAM      | 2685                    | 41540      | 10 | 1       | 25        | 21.04                 | 17.14           | 0.052         |
| 64QAM      | 2685                    | 41540      | 10 | 1       | 49        | 20.89                 | 16.99           | 0.050         |
| 64QAM      | 2685                    | 41540      | 10 | 25      | 0         | 19.79                 | 15.89           | 0.039         |
| 64QAM      | 2685                    | 41540      | 10 | 25      | 12        | 19.90                 | 16.00           | 0.040         |
| 64QAM      | 2685                    | 41540      | 10 | 25      | 25        | 19.95                 | 16.05           | 0.040         |
| 64QAM      | 2685                    | 41540      | 10 | 50      | 0         | 19.72                 | 15.82           | 0.038         |



| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|-----------------|---------------|
| QPSK       | 2503.5                  | 39725      | 15 | 1       | 0         | 21.68                 | 17.78           | 0.060         |
| QPSK       | 2503.5                  | 39725      | 15 | 1       | 37        | 22.08                 | 18.18           | 0.066         |
| QPSK       | 2503.5                  | 39725      | 15 | 1       | 74        | 22.47                 | 18.57           | 0.072         |
| QPSK       | 2503.5                  | 39725      | 15 | 36      | 0         | 21.04                 | 17.14           | 0.052         |
| QPSK       | 2503.5                  | 39725      | 15 | 36      | 29        | 21.00                 | 17.10           | 0.051         |
| QPSK       | 2503.5                  | 39725      | 15 | 36      | 30        | 21.12                 | 17.22           | 0.053         |
| QPSK       | 2503.5                  | 39725      | 15 | 75      | 0         | 21.15                 | 17.25           | 0.053         |
| QPSK       | 2593                    | 40620      | 15 | 1       | 0         | 23.24                 | 19.34           | 0.086         |
| QPSK       | 2593                    | 40620      | 15 | 1       | 37        | 23.08                 | 19.18           | 0.083         |
| QPSK       | 2593                    | 40620      | 15 | 1       | 74        | 23.24                 | 19.34           | 0.086         |
| QPSK       | 2593                    | 40620      | 15 | 36      | 0         | 22.09                 | 18.19           | 0.066         |
| QPSK       | 2593                    | 40620      | 15 | 36      | 29        | 22.00                 | 18.10           | 0.065         |
| QPSK       | 2593                    | 40620      | 15 | 36      | 30        | 22.16                 | 18.26           | 0.067         |
| QPSK       | 2593                    | 40620      | 15 | 75      | 0         | 22.26                 | 18.36           | 0.069         |
| QPSK       | 2682.5                  | 41515      | 15 | 1       | 0         | 21.74                 | 17.84           | 0.061         |
| QPSK       | 2682.5                  | 41515      | 15 | 1       | 37        | 21.50                 | 17.60           | 0.058         |
| QPSK       | 2682.5                  | 41515      | 15 | 1       | 74        | 22.11                 | 18.21           | 0.066         |
| QPSK       | 2682.5                  | 41515      | 15 | 36      | 0         | 20.71                 | 16.81           | 0.048         |
| QPSK       | 2682.5                  | 41515      | 15 | 36      | 29        | 20.60                 | 16.70           | 0.047         |
| QPSK       | 2682.5                  | 41515      | 15 | 36      | 30        | 20.74                 | 16.84           | 0.048         |
| QPSK       | 2682.5                  | 41515      | 15 | 75      | 0         | 20.73                 | 16.83           | 0.048         |



| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|-----------------|---------------|
| 16QAM      | 2503.5                  | 39725      | 15 | 1       | 0         | 21.24                 | 17.34           | 0.054         |
| 16QAM      | 2503.5                  | 39725      | 15 | 1       | 37        | 20.88                 | 16.98           | 0.050         |
| 16QAM      | 2503.5                  | 39725      | 15 | 1       | 74        | 21.19                 | 17.29           | 0.054         |
| 16QAM      | 2503.5                  | 39725      | 15 | 36      | 0         | 20.00                 | 16.10           | 0.041         |
| 16QAM      | 2503.5                  | 39725      | 15 | 36      | 29        | 20.08                 | 16.18           | 0.041         |
| 16QAM      | 2503.5                  | 39725      | 15 | 36      | 30        | 20.05                 | 16.15           | 0.041         |
| 16QAM      | 2503.5                  | 39725      | 15 | 75      | 0         | 20.05                 | 16.15           | 0.041         |
| 16QAM      | 2593                    | 40620      | 15 | 1       | 0         | 22.54                 | 18.64           | 0.073         |
| 16QAM      | 2593                    | 40620      | 15 | 1       | 37        | 22.48                 | 18.58           | 0.072         |
| 16QAM      | 2593                    | 40620      | 15 | 1       | 74        | 22.10                 | 18.20           | 0.066         |
| 16QAM      | 2593                    | 40620      | 15 | 36      | 0         | 21.22                 | 17.32           | 0.054         |
| 16QAM      | 2593                    | 40620      | 15 | 36      | 29        | 21.03                 | 17.13           | 0.052         |
| 16QAM      | 2593                    | 40620      | 15 | 36      | 30        | 21.15                 | 17.25           | 0.053         |
| 16QAM      | 2593                    | 40620      | 15 | 75      | 0         | 21.20                 | 17.30           | 0.054         |
| 16QAM      | 2682.5                  | 41515      | 15 | 1       | 0         | 21.19                 | 17.29           | 0.054         |
| 16QAM      | 2682.5                  | 41515      | 15 | 1       | 37        | 20.93                 | 17.03           | 0.050         |
| 16QAM      | 2682.5                  | 41515      | 15 | 1       | 74        | 20.93                 | 17.03           | 0.050         |
| 16QAM      | 2682.5                  | 41515      | 15 | 36      | 0         | 19.62                 | 15.72           | 0.037         |
| 16QAM      | 2682.5                  | 41515      | 15 | 36      | 29        | 19.71                 | 15.81           | 0.038         |
| 16QAM      | 2682.5                  | 41515      | 15 | 36      | 30        | 19.66                 | 15.76           | 0.038         |
| 16QAM      | 2682.5                  | 41515      | 15 | 75      | 0         | 19.74                 | 15.84           | 0.038         |
| 64QAM      | 2503.5                  | 39725      | 15 | 1       | 0         | 20.83                 | 16.93           | 0.049         |
| 64QAM      | 2503.5                  | 39725      | 15 | 1       | 37        | 20.72                 | 16.82           | 0.048         |
| 64QAM      | 2503.5                  | 39725      | 15 | 1       | 74        | 21.47                 | 17.57           | 0.057         |
| 64QAM      | 2503.5                  | 39725      | 15 | 36      | 0         | 20.09                 | 16.19           | 0.042         |
| 64QAM      | 2503.5                  | 39725      | 15 | 36      | 29        | 20.17                 | 16.27           | 0.042         |
| 64QAM      | 2503.5                  | 39725      | 15 | 36      | 30        | 20.08                 | 16.18           | 0.041         |
| 64QAM      | 2503.5                  | 39725      | 15 | 75      | 0         | 20.07                 | 16.17           | 0.041         |
| 64QAM      | 2593                    | 40620      | 15 | 1       | 0         | 22.30                 | 18.40           | 0.069         |
| 64QAM      | 2593                    | 40620      | 15 | 1       | 37        | 22.42                 | 18.52           | 0.071         |
| 64QAM      | 2593                    | 40620      | 15 | 1       | 74        | 22.34                 | 18.44           | 0.070         |
| 64QAM      | 2593                    | 40620      | 15 | 36      | 0         | 21.23                 | 17.33           | 0.054         |
| 64QAM      | 2593                    | 40620      | 15 | 36      | 29        | 21.04                 | 17.14           | 0.052         |
| 64QAM      | 2593                    | 40620      | 15 | 36      | 30        | 21.01                 | 17.11           | 0.051         |
| 64QAM      | 2593                    | 40620      | 15 | 75      | 0         | 21.21                 | 17.31           | 0.054         |
| 64QAM      | 2682.5                  | 41515      | 15 | 1       | 0         | 20.90                 | 17.00           | 0.050         |
| 64QAM      | 2682.5                  | 41515      | 15 | 1       | 37        | 20.15                 | 16.25           | 0.042         |
| 64QAM      | 2682.5                  | 41515      | 15 | 1       | 74        | 21.00                 | 17.10           | 0.051         |
| 64QAM      | 2682.5                  | 41515      | 15 | 36      | 0         | 19.65                 | 15.75           | 0.038         |
| 64QAM      | 2682.5                  | 41515      | 15 | 36      | 29        | 19.75                 | 15.85           | 0.038         |
| 64QAM      | 2682.5                  | 41515      | 15 | 36      | 30        | 19.70                 | 15.80           | 0.038         |
| 64QAM      | 2682.5                  | 41515      | 15 | 75      | 0         | 19.73                 | 15.83           | 0.038         |



| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|-----------------|---------------|
| QPSK       | 2506                    | 39750      | 20 | 1       | 0         | 21.89                 | 17.99           | 0.063         |
| QPSK       | 2506                    | 39750      | 20 | 1       | 49        | 22.43                 | 18.53           | 0.071         |
| QPSK       | 2506                    | 39750      | 20 | 1       | 99        | 22.37                 | 18.47           | 0.070         |
| QPSK       | 2506                    | 39750      | 20 | 50      | 0         | 20.86                 | 16.96           | 0.050         |
| QPSK       | 2506                    | 39750      | 20 | 50      | 24        | 21.16                 | 17.26           | 0.053         |
| QPSK       | 2506                    | 39750      | 20 | 50      | 50        | 21.20                 | 17.30           | 0.054         |
| QPSK       | 2506                    | 39750      | 20 | 100     | 0         | 21.15                 | 17.25           | 0.053         |
| QPSK       | 2593                    | 40620      | 20 | 1       | 0         | 23.58                 | 19.68           | 0.093         |
| QPSK       | 2593                    | 40620      | 20 | 1       | 49        | 23.34                 | 19.44           | 0.088         |
| QPSK       | 2593                    | 40620      | 20 | 1       | 99        | 23.17                 | 19.27           | 0.085         |
| QPSK       | 2593                    | 40620      | 20 | 50      | 0         | 22.16                 | 18.26           | 0.067         |
| QPSK       | 2593                    | 40620      | 20 | 50      | 24        | 22.12                 | 18.22           | 0.066         |
| QPSK       | 2593                    | 40620      | 20 | 50      | 50        | 22.09                 | 18.19           | 0.066         |
| QPSK       | 2593                    | 40620      | 20 | 100     | 0         | 22.18                 | 18.28           | 0.067         |
| QPSK       | 2680                    | 41490      | 20 | 1       | 0         | 21.96                 | 18.06           | 0.064         |
| QPSK       | 2680                    | 41490      | 20 | 1       | 49        | 21.93                 | 18.03           | 0.064         |
| QPSK       | 2680                    | 41490      | 20 | 1       | 99        | 22.05                 | 18.15           | 0.065         |
| QPSK       | 2680                    | 41490      | 20 | 50      | 0         | 20.84                 | 16.94           | 0.049         |
| QPSK       | 2680                    | 41490      | 20 | 50      | 24        | 20.68                 | 16.78           | 0.048         |
| QPSK       | 2680                    | 41490      | 20 | 50      | 50        | 20.68                 | 16.78           | 0.048         |
| QPSK       | 2680                    | 41490      | 20 | 100     | 0         | 20.74                 | 16.84           | 0.048         |



| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|-----------------|---------------|
| 16QAM      | 2506                    | 39750      | 20 | 1       | 0         | 20.96                 | 17.06           | 0.051         |
| 16QAM      | 2506                    | 39750      | 20 | 1       | 49        | 21.26                 | 17.36           | 0.054         |
| 16QAM      | 2506                    | 39750      | 20 | 1       | 99        | 21.16                 | 17.26           | 0.053         |
| 16QAM      | 2506                    | 39750      | 20 | 50      | 0         | 20.05                 | 16.15           | 0.041         |
| 16QAM      | 2506                    | 39750      | 20 | 50      | 24        | 20.19                 | 16.29           | 0.043         |
| 16QAM      | 2506                    | 39750      | 20 | 50      | 50        | 20.22                 | 16.32           | 0.043         |
| 16QAM      | 2506                    | 39750      | 20 | 100     | 0         | 20.18                 | 16.28           | 0.042         |
| 16QAM      | 2593                    | 40620      | 20 | 1       | 0         | 22.20                 | 18.30           | 0.068         |
| 16QAM      | 2593                    | 40620      | 20 | 1       | 49        | 22.04                 | 18.14           | 0.065         |
| 16QAM      | 2593                    | 40620      | 20 | 1       | 99        | 22.06                 | 18.16           | 0.065         |
| 16QAM      | 2593                    | 40620      | 20 | 50      | 0         | 21.25                 | 17.35           | 0.054         |
| 16QAM      | 2593                    | 40620      | 20 | 50      | 24        | 21.15                 | 17.25           | 0.053         |
| 16QAM      | 2593                    | 40620      | 20 | 50      | 50        | 21.04                 | 17.14           | 0.052         |
| 16QAM      | 2593                    | 40620      | 20 | 100     | 0         | 21.27                 | 17.37           | 0.055         |
| 16QAM      | 2680                    | 41490      | 20 | 1       | 0         | 21.09                 | 17.19           | 0.052         |
| 16QAM      | 2680                    | 41490      | 20 | 1       | 49        | 20.84                 | 16.94           | 0.049         |
| 16QAM      | 2680                    | 41490      | 20 | 1       | 99        | 20.83                 | 16.93           | 0.049         |
| 16QAM      | 2680                    | 41490      | 20 | 50      | 0         | 19.75                 | 15.85           | 0.038         |
| 16QAM      | 2680                    | 41490      | 20 | 50      | 24        | 19.73                 | 15.83           | 0.038         |
| 16QAM      | 2680                    | 41490      | 20 | 50      | 50        | 19.72                 | 15.82           | 0.038         |
| 16QAM      | 2680                    | 41490      | 20 | 100     | 0         | 19.78                 | 15.88           | 0.039         |
| 64QAM      | 2506                    | 39750      | 20 | 1       | 0         | 21.01                 | 17.11           | 0.051         |
| 64QAM      | 2506                    | 39750      | 20 | 1       | 49        | 21.17                 | 17.27           | 0.053         |
| 64QAM      | 2506                    | 39750      | 20 | 1       | 99        | 20.91                 | 17.01           | 0.050         |
| 64QAM      | 2506                    | 39750      | 20 | 50      | 0         | 19.88                 | 15.98           | 0.040         |
| 64QAM      | 2506                    | 39750      | 20 | 50      | 24        | 20.15                 | 16.25           | 0.042         |
| 64QAM      | 2506                    | 39750      | 20 | 50      | 50        | 20.26                 | 16.36           | 0.043         |
| 64QAM      | 2506                    | 39750      | 20 | 100     | 0         | 20.14                 | 16.24           | 0.042         |
| 64QAM      | 2593                    | 40620      | 20 | 1       | 0         | 22.49                 | 18.59           | 0.072         |
| 64QAM      | 2593                    | 40620      | 20 | 1       | 49        | 22.22                 | 18.32           | 0.068         |
| 64QAM      | 2593                    | 40620      | 20 | 1       | 99        | 21.97                 | 18.07           | 0.064         |
| 64QAM      | 2593                    | 40620      | 20 | 50      | 0         | 21.23                 | 17.33           | 0.054         |
| 64QAM      | 2593                    | 40620      | 20 | 50      | 24        | 21.13                 | 17.23           | 0.053         |
| 64QAM      | 2593                    | 40620      | 20 | 50      | 50        | 21.17                 | 17.27           | 0.053         |
| 64QAM      | 2593                    | 40620      | 20 | 100     | 0         | 21.20                 | 17.30           | 0.054         |
| 64QAM      | 2680                    | 41490      | 20 | 1       | 0         | 21.35                 | 17.45           | 0.056         |
| 64QAM      | 2680                    | 41490      | 20 | 1       | 49        | 20.83                 | 16.93           | 0.049         |
| 64QAM      | 2680                    | 41490      | 20 | 1       | 99        | 20.46                 | 16.56           | 0.045         |
| 64QAM      | 2680                    | 41490      | 20 | 50      | 0         | 19.88                 | 15.98           | 0.040         |
| 64QAM      | 2680                    | 41490      | 20 | 50      | 24        | 19.61                 | 15.71           | 0.037         |
| 64QAM      | 2680                    | 41490      | 20 | 50      | 50        | 19.71                 | 15.81           | 0.038         |
| 64QAM      | 2680                    | 41490      | 20 | 100     | 0         | 19.68                 | 15.78           | 0.038         |