

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band 5

1 RF Power Output

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|-----|---------|-----------|-----------------------|
| QPSK | 824.7 | 20407 | 1.4 | 1 | 0 | 22.72 |
| | | | | 1 | 2 | 22.69 |
| | | | | 1 | 5 | 22.72 |
| | | | | 3 | 0 | 22.74 |
| | | | | 3 | 1 | 22.79 |
| | | | | 3 | 3 | 22.72 |
| | 6 | 0 | | 21.75 | | |
| | 836.5 | 20525 | | 1 | 0 | 22.69 |
| | | | | 1 | 2 | 22.58 |
| | | | | 1 | 5 | 22.46 |
| | | | | 3 | 0 | 22.71 |
| | | | | 3 | 1 | 22.65 |
| | | | | 3 | 3 | 22.72 |
| | 848.3 | 20643 | | 6 | 0 | 21.78 |
| | | | | 1 | 0 | 22.42 |
| | | | | 1 | 2 | 22.72 |
| | | | | 1 | 5 | 22.64 |
| | | | | 3 | 0 | 22.60 |
| 3 | | | 1 | 22.67 | | |
| 16QAM | 824.7 | 20407 | 3 | 3 | 22.58 | |
| | | | 6 | 0 | 21.69 | |
| | | | 1 | 0 | 21.87 | |
| | | | 1 | 2 | 22.17 | |
| | | | 1 | 5 | 22.00 | |
| | | | 3 | 0 | 21.84 | |
| | 836.5 | 20525 | 3 | 1 | 21.82 | |
| | | | 3 | 3 | 21.87 | |
| | | | 6 | 0 | 20.88 | |
| | | | 1 | 0 | 22.30 | |
| | | | 1 | 2 | 21.88 | |
| | | | 1 | 5 | 22.15 | |
| | 848.3 | 20643 | 3 | 0 | 21.95 | |
| | | | 3 | 1 | 21.92 | |
| | | | 3 | 3 | 21.85 | |
| | | | 6 | 0 | 20.67 | |
| | | | 1 | 0 | 21.79 | |
| | | | 1 | 2 | 21.58 | |
| 1 | 5 | 21.62 | | | | |
| 3 | 0 | 21.81 | | | | |
| 3 | 1 | 21.80 | | | | |
| 3 | 3 | 21.59 | | | | |
| 6 | 0 | 20.83 | | | | |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|-------|---------|-----------|-----------------------|
| 64QAM | 824.7 | 20407 | 1.4 | 1 | 0 | 20.62 |
| | | | | 1 | 2 | 20.67 |
| | | | | 1 | 5 | 20.68 |
| | | | | 3 | 0 | 20.70 |
| | | | | 3 | 1 | 20.76 |
| | | | | 3 | 3 | 20.69 |
| | 6 | 0 | | 19.65 | | |
| | 1 | 0 | | 20.59 | | |
| | 1 | 2 | | 20.48 | | |
| | 1 | 5 | | 20.39 | | |
| | 3 | 0 | | 20.69 | | |
| | 3 | 1 | | 20.60 | | |
| | 3 | 3 | | 20.63 | | |
| | 6 | 0 | | 19.68 | | |
| | 1 | 0 | | 20.33 | | |
| | 1 | 2 | | 20.63 | | |
| | 1 | 5 | | 20.55 | | |
| | 3 | 0 | | 20.56 | | |
| 3 | 1 | 20.57 | | | | |
| 3 | 3 | 20.55 | | | | |
| 6 | 0 | 19.63 | | | | |
| 256QAM | 824.7 | 20407 | 1 | 0 | 17.77 | |
| | | | 1 | 2 | 18.12 | |
| | | | 1 | 5 | 17.94 | |
| | | | 3 | 0 | 17.76 | |
| | | | 3 | 1 | 17.72 | |
| | | | 3 | 3 | 17.78 | |
| | 6 | 0 | 17.78 | | | |
| | 1 | 0 | 18.28 | | | |
| | 1 | 2 | 17.85 | | | |
| | 1 | 5 | 18.07 | | | |
| | 3 | 0 | 17.86 | | | |
| | 3 | 1 | 17.87 | | | |
| | 3 | 3 | 17.79 | | | |
| | 6 | 0 | 17.63 | | | |
| | 1 | 0 | 17.76 | | | |
| | 1 | 2 | 17.52 | | | |
| | 1 | 5 | 17.54 | | | |
| | 3 | 0 | 17.78 | | | |
| 3 | 1 | 17.71 | | | | |
| 3 | 3 | 17.54 | | | | |
| 6 | 0 | 17.79 | | | | |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|-------|---------|-----------|-----------------------|
| QPSK | 825.5 | 20415 | 3 | 1 | 0 | 22.75 |
| | | | | 1 | 8 | 22.70 |
| | | | | 1 | 14 | 22.62 |
| | | | | 8 | 0 | 21.70 |
| | | | | 8 | 4 | 21.89 |
| | | | | 8 | 7 | 21.79 |
| | 15 | 0 | | 21.76 | | |
| | 1 | 0 | | 22.79 | | |
| | 1 | 8 | | 22.61 | | |
| | 1 | 14 | | 22.64 | | |
| | 8 | 0 | | 21.75 | | |
| | 8 | 4 | | 21.78 | | |
| | 8 | 7 | | 21.83 | | |
| | 15 | 0 | | 21.80 | | |
| | 1 | 0 | | 22.58 | | |
| | 1 | 8 | | 22.63 | | |
| | 1 | 14 | | 22.77 | | |
| | 8 | 0 | | 21.75 | | |
| 8 | 4 | 21.57 | | | | |
| 8 | 7 | 21.72 | | | | |
| 15 | 0 | 21.79 | | | | |
| 16QAM | 825.5 | 20415 | 1 | 0 | 22.35 | |
| | | | 1 | 8 | 22.17 | |
| | | | 1 | 14 | 22.03 | |
| | | | 8 | 0 | 21.06 | |
| | | | 8 | 4 | 20.89 | |
| | | | 8 | 7 | 21.05 | |
| | 15 | 0 | 20.87 | | | |
| | 1 | 0 | 22.04 | | | |
| | 1 | 8 | 22.13 | | | |
| | 1 | 14 | 21.75 | | | |
| | 8 | 0 | 20.84 | | | |
| | 8 | 4 | 20.79 | | | |
| | 8 | 7 | 20.89 | | | |
| | 15 | 0 | 20.72 | | | |
| | 1 | 0 | 22.14 | | | |
| | 1 | 8 | 21.48 | | | |
| | 1 | 14 | 22.12 | | | |
| | 8 | 0 | 20.82 | | | |
| 8 | 4 | 20.77 | | | | |
| 8 | 7 | 20.67 | | | | |
| 15 | 0 | 20.85 | | | | |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 64QAM | 825.5 | 20415 | 3 | 1 | 0 | 20.71 |
| | | | | 1 | 8 | 20.67 |
| | | | | 1 | 14 | 20.52 |
| | | | | 8 | 0 | 19.62 |
| | | | | 8 | 4 | 19.83 |
| | | | | 8 | 7 | 19.69 |
| | 15 | 0 | | 19.73 | | |
| | 836.5 | 20525 | | 1 | 0 | 20.73 |
| | | | | 1 | 8 | 20.54 |
| | | | | 1 | 14 | 20.60 |
| | | | | 8 | 0 | 19.73 |
| | | | | 8 | 4 | 19.73 |
| | | | | 8 | 7 | 19.73 |
| | 847.5 | 20635 | | 15 | 0 | 19.76 |
| | | | | 1 | 0 | 20.50 |
| | | | | 1 | 8 | 20.56 |
| | | | | 1 | 14 | 20.70 |
| | | | | 8 | 0 | 19.65 |
| 8 | | | 4 | 19.52 | | |
| 256QAM | 825.5 | 20415 | 8 | 7 | 19.64 | |
| | | | 15 | 0 | 19.70 | |
| | | | 1 | 0 | 18.30 | |
| | | | 1 | 8 | 18.11 | |
| | | | 1 | 14 | 17.93 | |
| | | | 8 | 0 | 18.00 | |
| | 836.5 | 20525 | 8 | 4 | 17.81 | |
| | | | 8 | 7 | 17.98 | |
| | | | 15 | 0 | 17.77 | |
| | | | 1 | 0 | 18.02 | |
| | | | 1 | 8 | 18.06 | |
| | | | 1 | 14 | 17.73 | |
| | 847.5 | 20635 | 8 | 0 | 17.82 | |
| | | | 8 | 4 | 17.70 | |
| | | | 8 | 7 | 17.85 | |
| | | | 15 | 0 | 17.65 | |
| | | | 1 | 0 | 18.11 | |
| | | | 1 | 8 | 17.46 | |
| | | | 1 | 14 | 18.09 | |
| | | | 8 | 0 | 17.72 | |
| | | | 8 | 4 | 17.73 | |
| | | | 8 | 7 | 17.62 | |
| | | | 15 | 0 | 17.80 | |
| | | | | | | |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK | 826.5 | 20425 | 5 | 1 | 0 | 22.85 |
| | | | | 1 | 12 | 22.91 |
| | | | | 1 | 24 | 22.57 |
| | | | | 12 | 0 | 21.80 |
| | | | | 12 | 6 | 21.82 |
| | | | | 12 | 13 | 21.69 |
| | 836.5 | 20525 | | 25 | 0 | 21.83 |
| | | | | 1 | 0 | 22.75 |
| | | | | 1 | 12 | 22.70 |
| | | | | 1 | 24 | 22.55 |
| | | | | 12 | 0 | 21.80 |
| | | | | 12 | 6 | 21.78 |
| | 846.5 | 20625 | | 12 | 13 | 21.78 |
| | | | | 25 | 0 | 21.71 |
| | | | | 1 | 0 | 22.83 |
| | | | | 1 | 12 | 22.78 |
| | | | | 1 | 24 | 22.67 |
| | | | | 12 | 0 | 21.71 |
| 16QAM | 826.5 | 20425 | 12 | 6 | 21.70 | |
| | | | 12 | 13 | 21.80 | |
| | | | 25 | 0 | 21.64 | |
| | | | 1 | 0 | 21.83 | |
| | | | 1 | 12 | 22.13 | |
| | | | 1 | 24 | 22.00 | |
| | 836.5 | 20525 | 12 | 0 | 21.01 | |
| | | | 12 | 6 | 20.84 | |
| | | | 12 | 13 | 20.90 | |
| | | | 25 | 0 | 20.90 | |
| | | | 1 | 0 | 22.02 | |
| | | | 1 | 12 | 22.59 | |
| | 846.5 | 20625 | 1 | 24 | 22.21 | |
| | | | 12 | 0 | 20.69 | |
| | | | 12 | 6 | 20.93 | |
| | | | 12 | 13 | 20.68 | |
| | | | 25 | 0 | 20.71 | |
| | | | 1 | 0 | 21.95 | |
| | | | 1 | 12 | 22.10 | |
| | | | 1 | 24 | 22.23 | |
| | | | 12 | 0 | 20.76 | |
| | | | 12 | 6 | 20.80 | |
| | | | 12 | 13 | 20.81 | |
| | | | 25 | 0 | 20.71 | |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 64QAM | 826.5 | 20425 | 5 | 1 | 0 | 20.82 |
| | | | | 1 | 12 | 20.82 |
| | | | | 1 | 24 | 20.48 |
| | | | | 12 | 0 | 19.77 |
| | | | | 12 | 6 | 19.74 |
| | | | | 12 | 13 | 19.63 |
| | 836.5 | 20525 | | 25 | 0 | 19.81 |
| | | | | 1 | 0 | 20.73 |
| | | | | 1 | 12 | 20.68 |
| | | | | 1 | 24 | 20.46 |
| | | | | 12 | 0 | 19.74 |
| | | | | 12 | 6 | 19.71 |
| | 846.5 | 20625 | | 12 | 13 | 19.68 |
| | | | | 25 | 0 | 19.69 |
| | | | | 1 | 0 | 20.76 |
| | | | | 1 | 12 | 20.68 |
| | | | | 1 | 24 | 20.63 |
| | | | | 12 | 0 | 19.69 |
| 256QAM | 826.5 | 20425 | 12 | 6 | 19.60 | |
| | | | 12 | 13 | 19.73 | |
| | | | 25 | 0 | 19.62 | |
| | | | 1 | 0 | 17.74 | |
| | | | 1 | 12 | 18.11 | |
| | | | 1 | 24 | 17.95 | |
| | 836.5 | 20525 | 12 | 0 | 17.91 | |
| | | | 12 | 6 | 17.74 | |
| | | | 12 | 13 | 17.81 | |
| | | | 25 | 0 | 17.82 | |
| | | | 1 | 0 | 17.92 | |
| | | | 1 | 12 | 18.56 | |
| | 846.5 | 20625 | 1 | 24 | 18.17 | |
| | | | 12 | 0 | 17.61 | |
| | | | 12 | 6 | 17.87 | |
| | | | 12 | 13 | 17.66 | |
| | | | 25 | 0 | 17.64 | |
| | | | 1 | 0 | 17.90 | |
| | | | 1 | 12 | 18.03 | |
| | | | 1 | 24 | 18.20 | |
| | | | 12 | 0 | 17.68 | |
| | | | 12 | 6 | 17.78 | |
| | | | 12 | 13 | 17.77 | |
| | | | 25 | 0 | 17.64 | |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK | 829 | 20450 | 10 | 1 | 0 | 22.71 |
| | | | | 1 | 24 | 22.72 |
| | | | | 1 | 49 | 22.63 |
| | | | | 25 | 0 | 21.74 |
| | | | | 25 | 12 | 21.79 |
| | | | | 25 | 25 | 21.74 |
| | 836.5 | 20525 | | 50 | 0 | 21.76 |
| | | | | 1 | 0 | 22.72 |
| | | | | 1 | 24 | 22.80 |
| | | | | 1 | 49 | 22.69 |
| | | | | 25 | 0 | 21.82 |
| | | | | 25 | 12 | 21.77 |
| | 844 | 20600 | | 25 | 25 | 21.76 |
| | | | | 50 | 0 | 21.77 |
| | | | | 1 | 0 | 22.63 |
| | | | | 1 | 24 | 22.65 |
| | | | | 1 | 49 | 22.65 |
| | | | | 25 | 0 | 21.68 |
| 16QAM | 829 | 20450 | 25 | 12 | 21.78 | |
| | | | 25 | 25 | 21.78 | |
| | | | 50 | 0 | 21.82 | |
| | | | 1 | 0 | 22.15 | |
| | | | 1 | 24 | 22.25 | |
| | | | 1 | 49 | 22.33 | |
| | 836.5 | 20525 | 25 | 0 | 20.79 | |
| | | | 25 | 12 | 20.82 | |
| | | | 25 | 25 | 20.81 | |
| | | | 50 | 0 | 20.92 | |
| | | | 1 | 0 | 22.17 | |
| | | | 1 | 24 | 22.24 | |
| | 844 | 20600 | 1 | 49 | 22.21 | |
| | | | 25 | 0 | 20.79 | |
| | | | 25 | 12 | 20.80 | |
| | | | 25 | 25 | 20.58 | |
| | | | 50 | 0 | 20.89 | |
| | | | 1 | 0 | 22.51 | |
| | | | 1 | 24 | 21.98 | |
| | | | 1 | 49 | 21.53 | |
| | | | 25 | 0 | 20.73 | |
| | | | 25 | 12 | 20.85 | |
| | | | 25 | 25 | 20.59 | |
| | | | 50 | 0 | 20.68 | |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 64QAM | 829 | 20450 | 10 | 1 | 0 | 20.66 |
| | | | | 1 | 24 | 20.62 |
| | | | | 1 | 49 | 20.55 |
| | | | | 25 | 0 | 19.66 |
| | | | | 25 | 12 | 19.71 |
| | | | | 25 | 25 | 19.66 |
| | 836.5 | 20525 | | 50 | 0 | 19.71 |
| | | | | 1 | 0 | 20.70 |
| | | | | 1 | 24 | 20.78 |
| | | | | 1 | 49 | 20.65 |
| | | | | 25 | 0 | 19.78 |
| | | | | 25 | 12 | 19.72 |
| | 844 | 20600 | | 25 | 25 | 19.68 |
| | | | | 50 | 0 | 19.73 |
| | | | | 1 | 0 | 20.59 |
| | | | | 1 | 24 | 20.58 |
| | | | | 1 | 49 | 20.57 |
| | | | | 25 | 0 | 19.66 |
| 256QAM | 829 | 20450 | 25 | 12 | 19.72 | |
| | | | 25 | 25 | 19.76 | |
| | | | 50 | 0 | 17.83 | |
| | | | 1 | 0 | 18.11 | |
| | | | 1 | 24 | 18.2 | |
| | | | 1 | 49 | 18.11 | |
| | 836.5 | 20525 | 25 | 0 | 17.7 | |
| | | | 25 | 12 | 17.78 | |
| | | | 25 | 25 | 17.5 | |
| | | | 50 | 0 | 17.82 | |
| | | | 1 | 0 | 18.49 | |
| | | | 1 | 24 | 17.94 | |
| | 844 | 20600 | 1 | 49 | 17.49 | |
| | | | 25 | 0 | 17.64 | |
| | | | 25 | 12 | 17.76 | |
| | | | 25 | 25 | 17.54 | |
| | | | 50 | 0 | 17.65 | |

2 Occupied Bandwidth

| Band | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of 99% Power (MHz) | | | | | | | |
|------|-------------------------|---------|----------|---------|-----------|------------------------------|--------|--------|--------|--------|--------|---------|--------|
| | | | | | | QPSK | | 16-QAM | | 64-QAM | | 256-QAM | |
| 5 | 824.7 | 20407 | 1.4 | 6 | 0 | 1.088 | Fig.1 | 1.094 | Fig.4 | 1.091 | Fig.7 | 1.088 | Fig.10 |
| | 836.5 | 20525 | | 6 | 0 | 1.088 | Fig.2 | 1.091 | Fig.5 | 1.091 | Fig.8 | 1.085 | Fig.11 |
| | 848.3 | 20643 | | 6 | 0 | 1.085 | Fig.3 | 1.091 | Fig.6 | 1.091 | Fig.9 | 1.088 | Fig.12 |
| | 825.5 | 20415 | 3 | 15 | 0 | 2.697 | Fig.13 | 2.691 | Fig.16 | 2.691 | Fig.19 | 2.697 | Fig.22 |
| | 836.5 | 20525 | | 15 | 0 | 2.697 | Fig.14 | 2.685 | Fig.17 | 2.691 | Fig.20 | 2.697 | Fig.23 |
| | 847.5 | 20635 | | 15 | 0 | 2.697 | Fig.15 | 2.691 | Fig.18 | 2.691 | Fig.21 | 2.691 | Fig.24 |
| | 826.5 | 20425 | 5 | 25 | 0 | 4.476 | Fig.25 | 4.466 | Fig.28 | 4.486 | Fig.31 | 4.476 | Fig.34 |
| | 836.5 | 20525 | | 25 | 0 | 4.476 | Fig.26 | 4.476 | Fig.29 | 4.486 | Fig.32 | 4.476 | Fig.35 |
| | 846.5 | 20625 | | 25 | 0 | 4.476 | Fig.27 | 4.476 | Fig.30 | 4.476 | Fig.33 | 4.476 | Fig.36 |
| | 829 | 20450 | 10 | 50 | 0 | 8.951 | Fig.37 | 8.931 | Fig.40 | 8.951 | Fig.43 | 8.951 | Fig.46 |
| | 836.5 | 20525 | | 50 | 0 | 8.931 | Fig.38 | 8.891 | Fig.41 | 8.931 | Fig.44 | 8.931 | Fig.47 |
| | 844 | 20600 | | 50 | 0 | 8.951 | Fig.39 | 8.931 | Fig.42 | 8.931 | Fig.45 | 8.931 | Fig.48 |

3 Emission Bandwidth

| Band | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of -26dB transmitter power (MHz) | | | | | | | |
|------|-------------------------|---------|----------|---------|-----------|--|--------|--------|--------|--------|--------|-------|--------|
| | | | | | | QPSK | | 16-QAM | | 64-QAM | | | |
| 5 | 824.7 | 20407 | 1.4 | 6 | 0 | 1.233 | Fig.1 | 1.239 | Fig.4 | 1.236 | Fig.7 | 1.290 | Fig.10 |
| | 836.5 | 20525 | | 6 | 0 | 1.236 | Fig.2 | 1.239 | Fig.5 | 1.236 | Fig.8 | 1.284 | Fig.11 |
| | 848.3 | 20643 | | 6 | 0 | 1.236 | Fig.3 | 1.236 | Fig.6 | 1.236 | Fig.9 | 1.290 | Fig.12 |
| | 825.5 | 20415 | 3 | 15 | 0 | 2.994 | Fig.13 | 3.006 | Fig.16 | 2.976 | Fig.19 | 3.024 | Fig.22 |
| | 836.5 | 20525 | | 15 | 0 | 2.994 | Fig.14 | 3.000 | Fig.17 | 2.982 | Fig.20 | 3.006 | Fig.23 |
| | 847.5 | 20635 | | 15 | 0 | 2.988 | Fig.15 | 3.000 | Fig.18 | 2.982 | Fig.21 | 3.018 | Fig.24 |
| | 826.5 | 20425 | 5 | 25 | 0 | 4.900 | Fig.25 | 4.910 | Fig.28 | 4.910 | Fig.31 | 4.870 | Fig.34 |
| | 836.5 | 20525 | | 25 | 0 | 4.870 | Fig.26 | 4.890 | Fig.29 | 4.920 | Fig.32 | 4.860 | Fig.35 |
| | 846.5 | 20625 | | 25 | 0 | 4.900 | Fig.27 | 4.890 | Fig.30 | 4.910 | Fig.33 | 4.850 | Fig.36 |
| | 829 | 20450 | 10 | 50 | 0 | 9.680 | Fig.37 | 9.700 | Fig.40 | 9.700 | Fig.43 | 9.660 | Fig.46 |
| | 836.5 | 20525 | | 50 | 0 | 9.640 | Fig.38 | 9.640 | Fig.41 | 9.660 | Fig.44 | 9.660 | Fig.47 |
| | 844 | 20600 | | 50 | 0 | 9.660 | Fig.39 | 9.680 | Fig.42 | 9.700 | Fig.45 | 9.640 | Fig.48 |

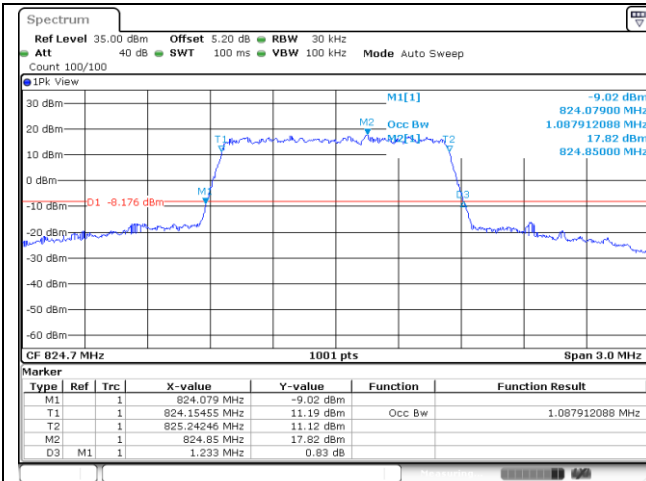


Fig.1

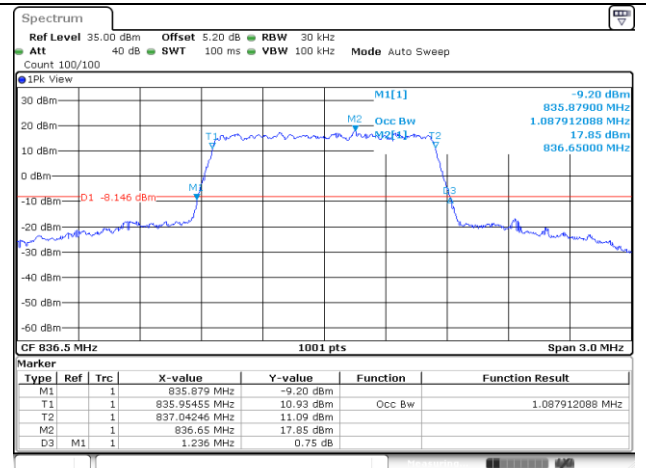


Fig.2

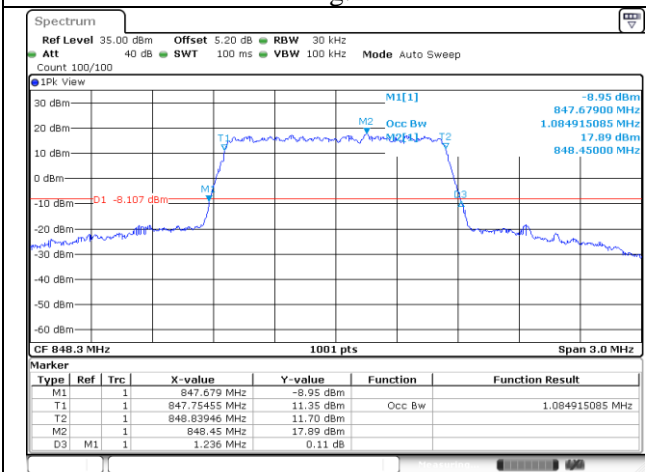


Fig.3

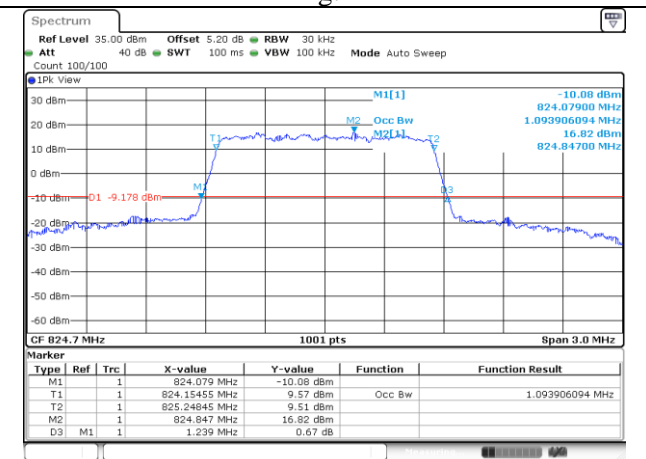


Fig.4

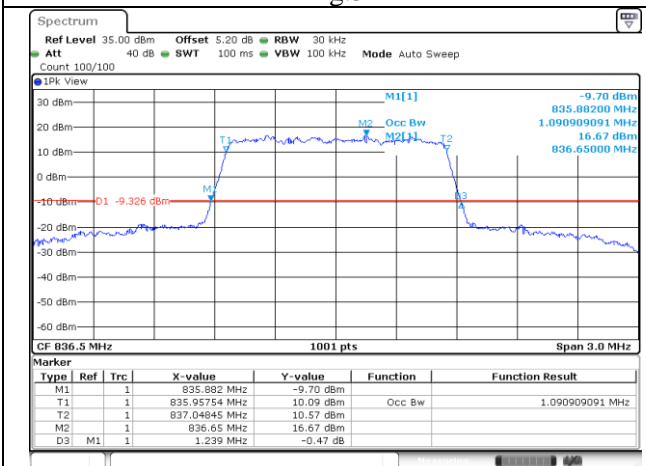


Fig.5

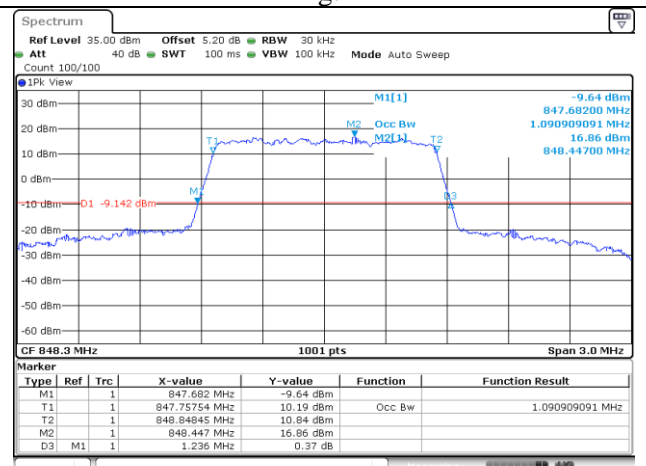


Fig.6

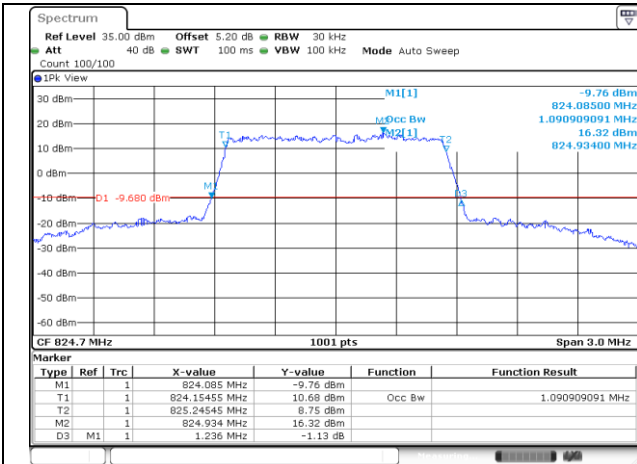


Fig.7

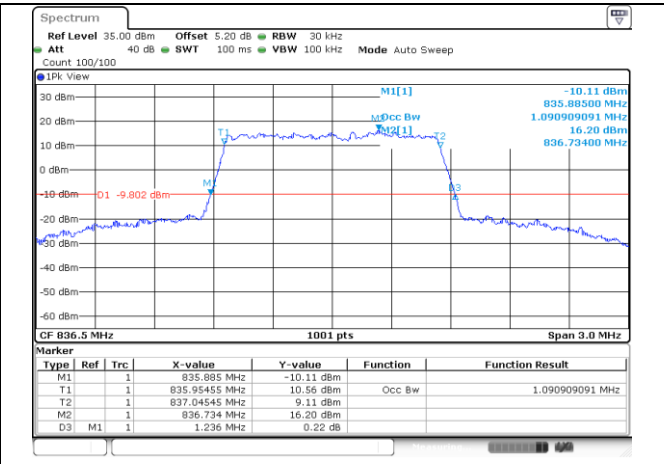


Fig.8

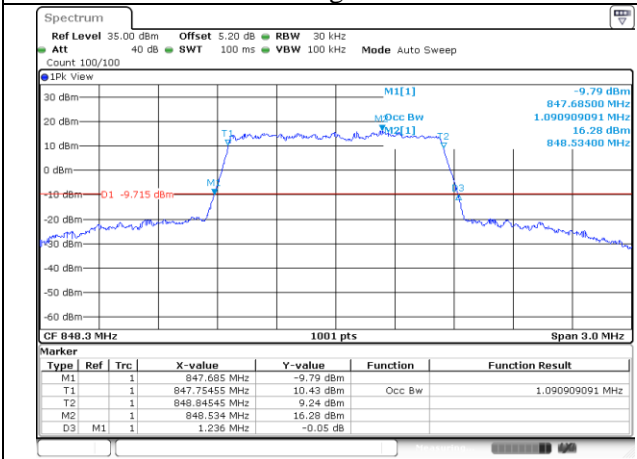


Fig.9

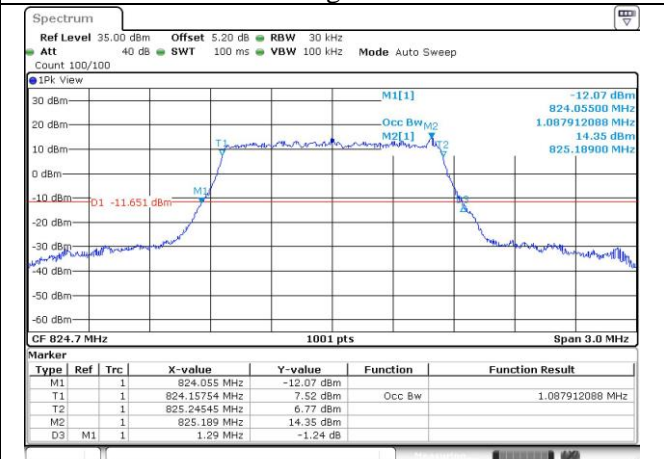


Fig.10

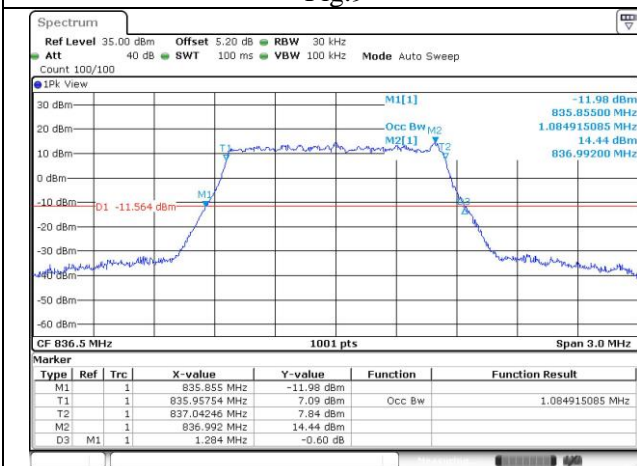


Fig.11

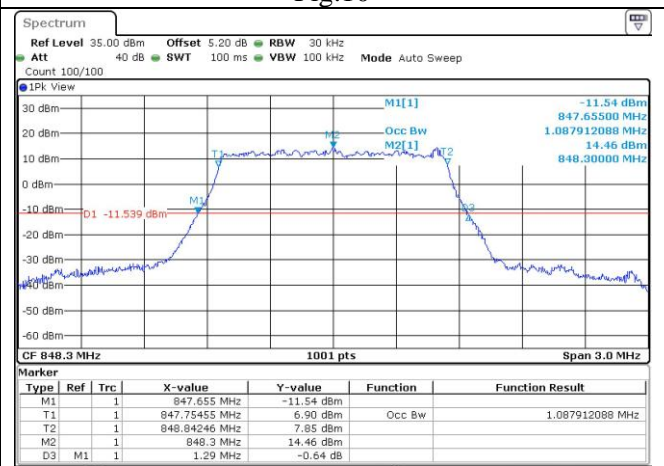


Fig.12

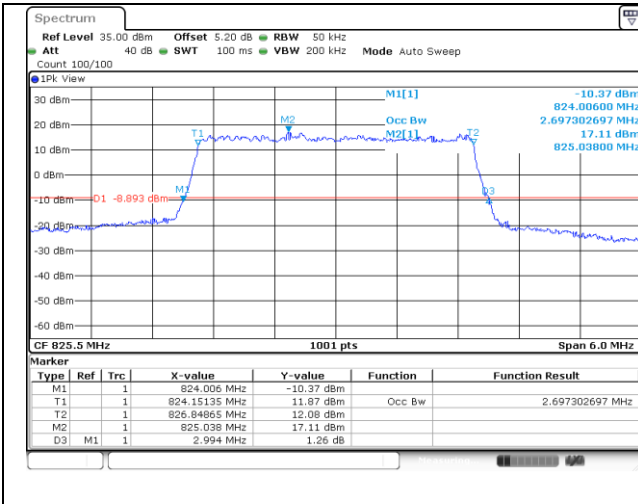


Fig.13

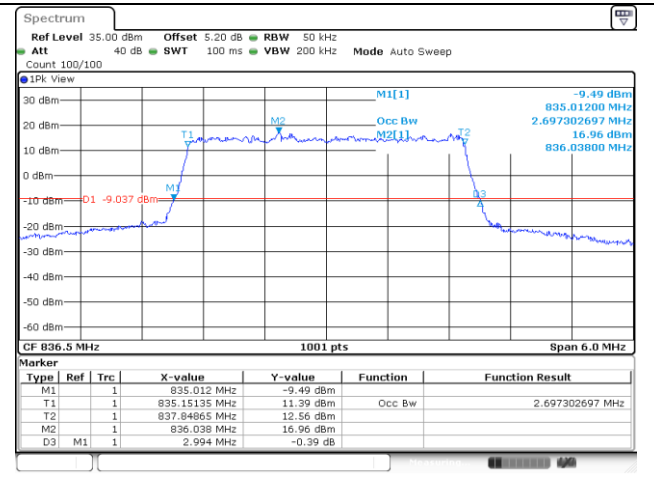


Fig.14

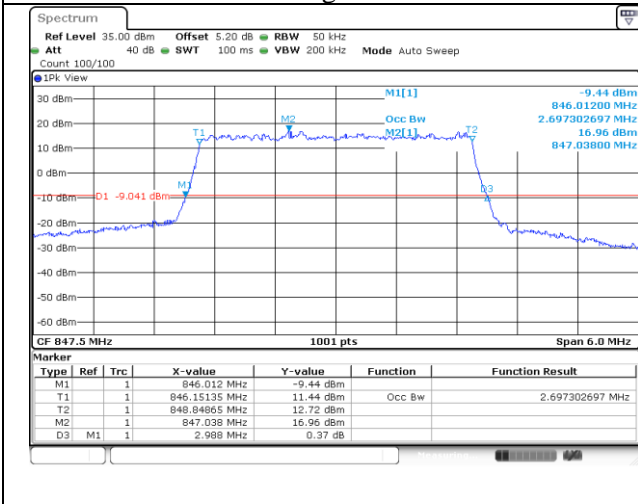


Fig.15

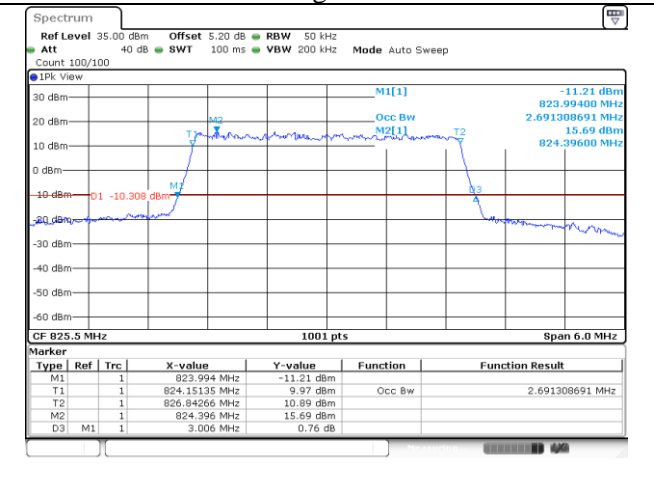


Fig.16

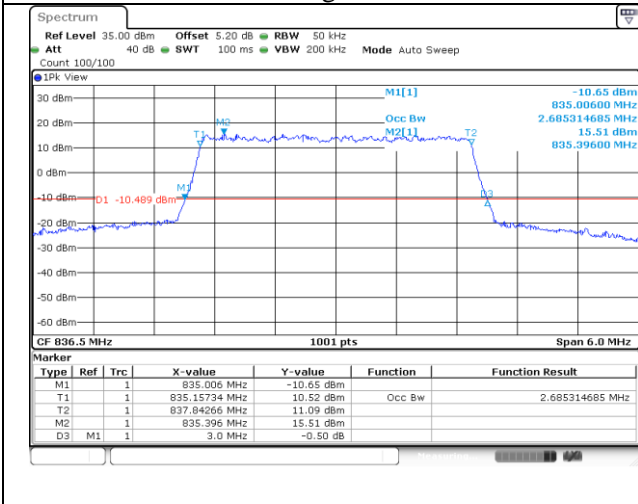


Fig.17

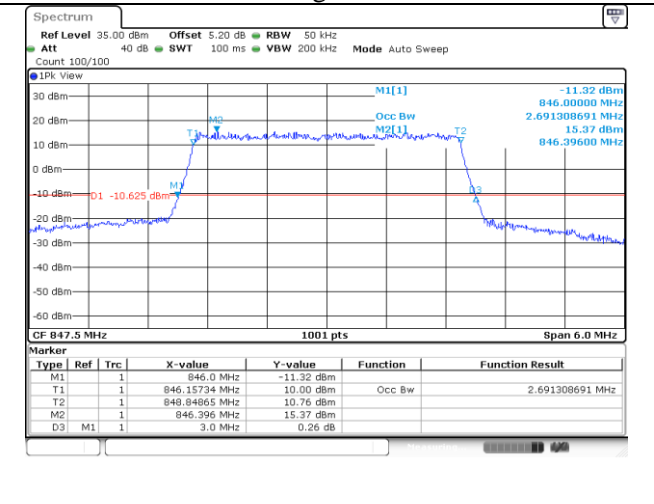


Fig.18

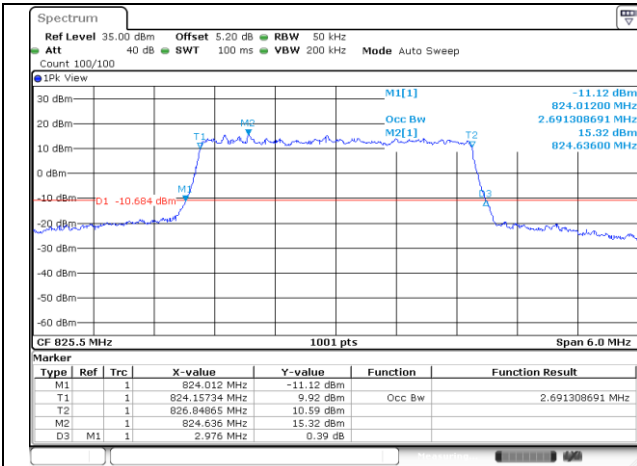


Fig.19

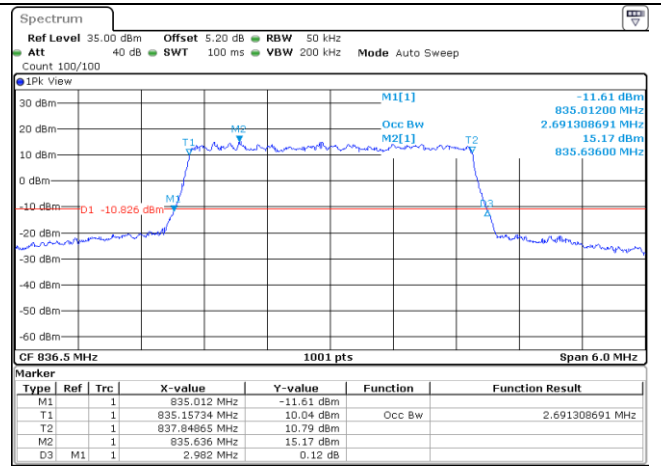


Fig.20

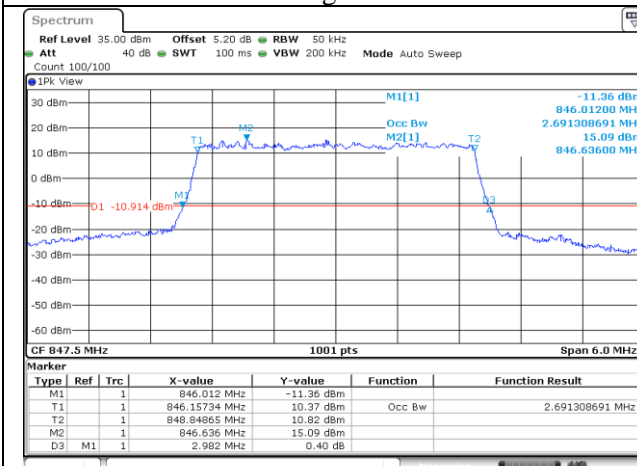


Fig.21

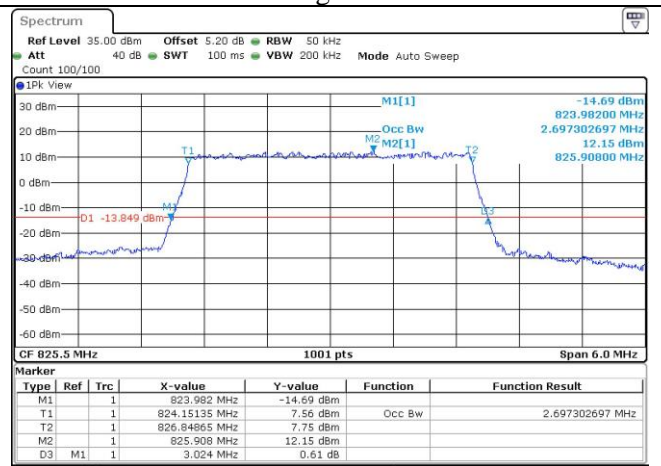


Fig.22

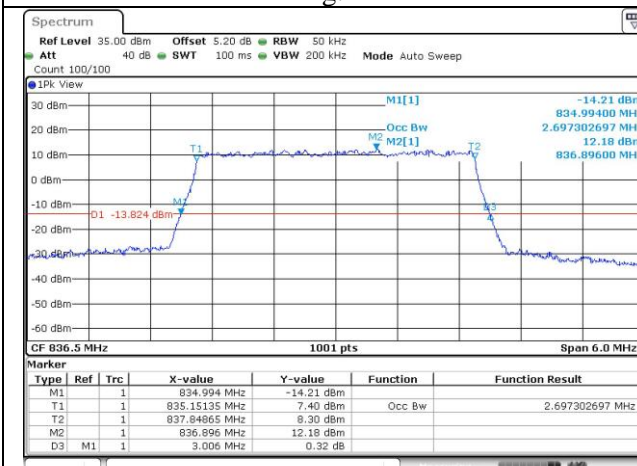


Fig.23

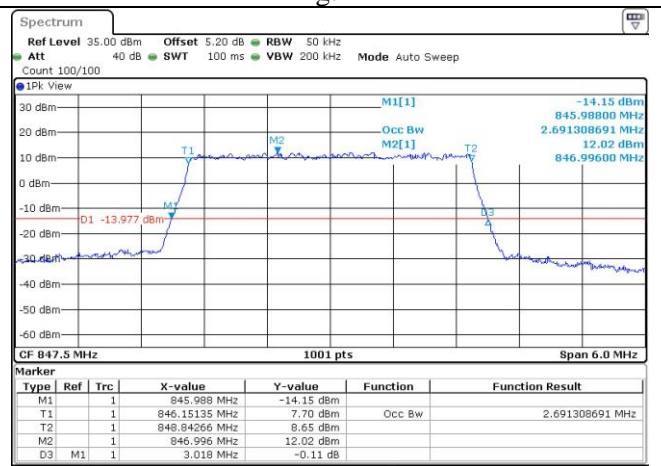


Fig.24

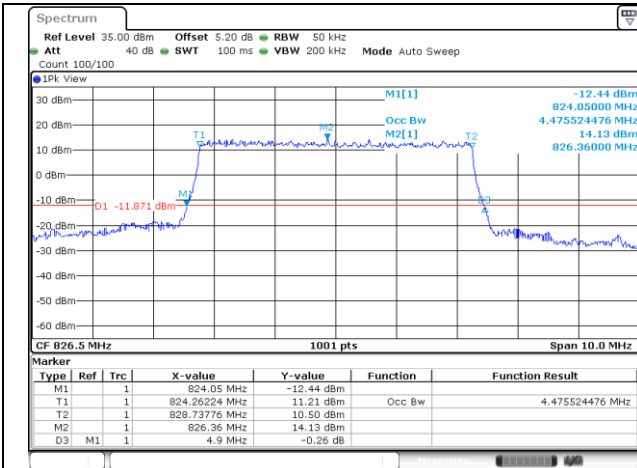


Fig.25

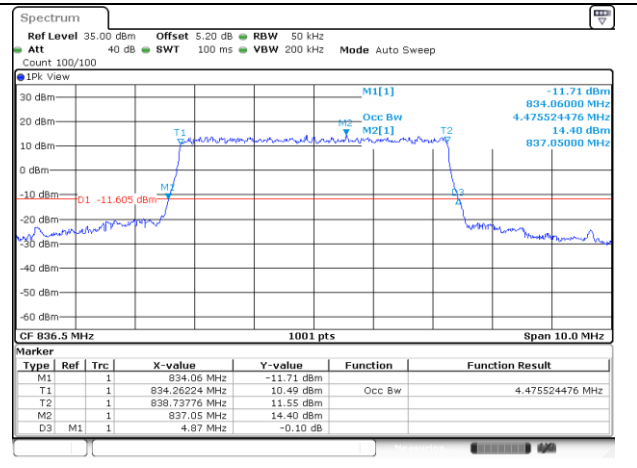


Fig.26

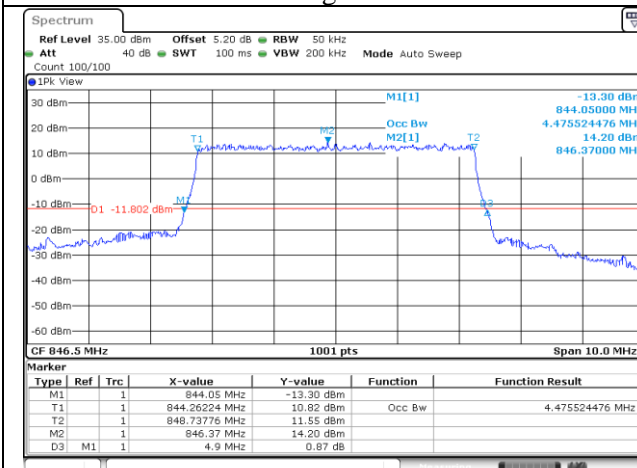


Fig.27

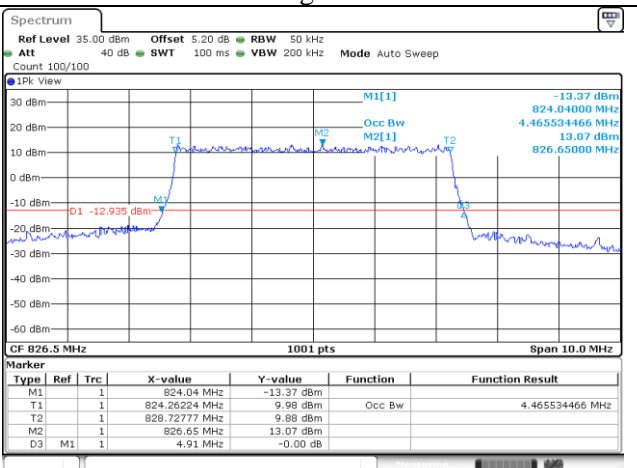


Fig.28

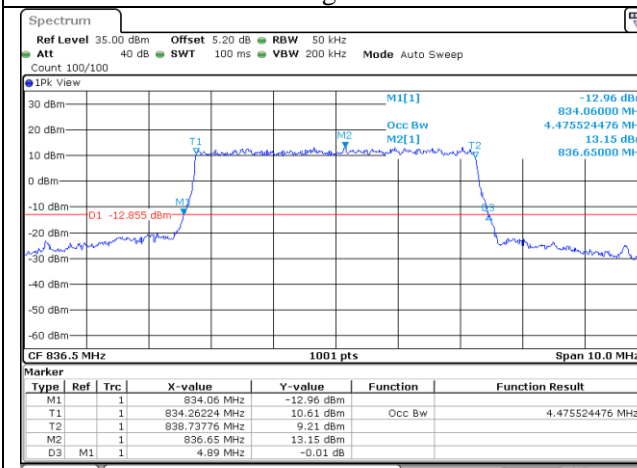


Fig.29

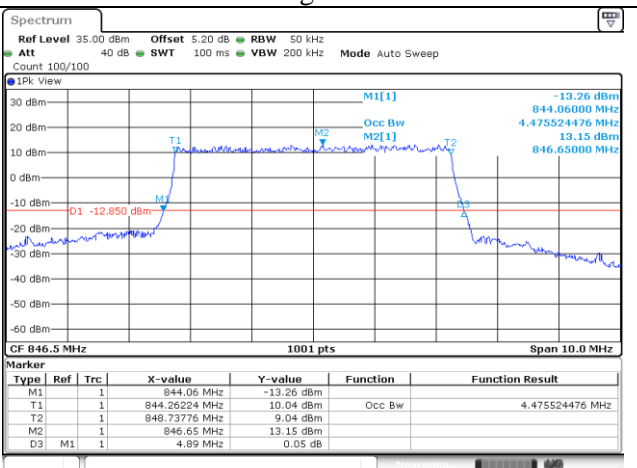


Fig.30

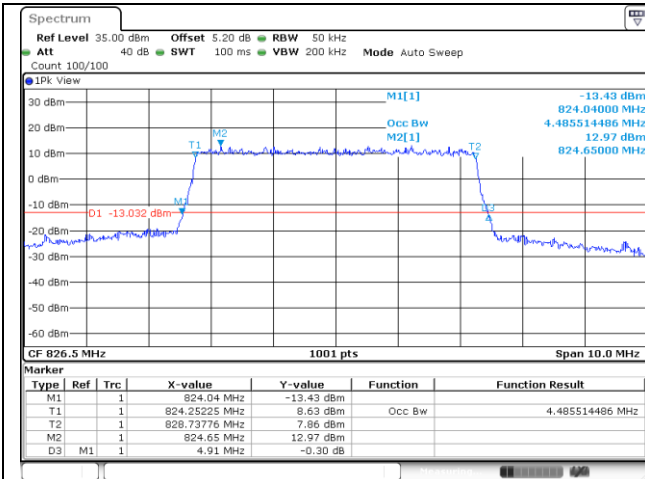


Fig.31

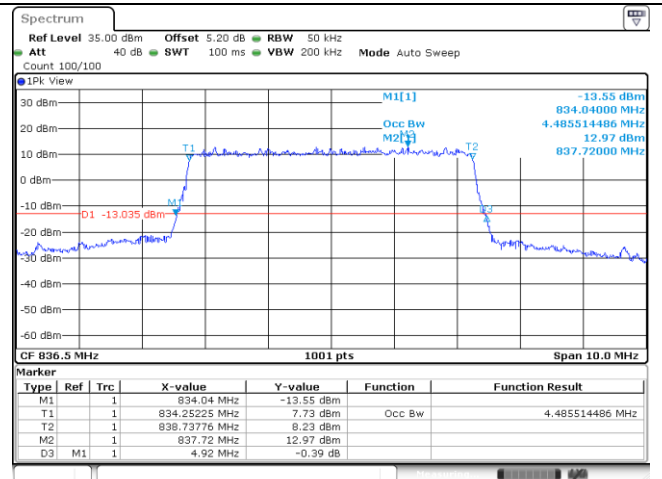


Fig.32

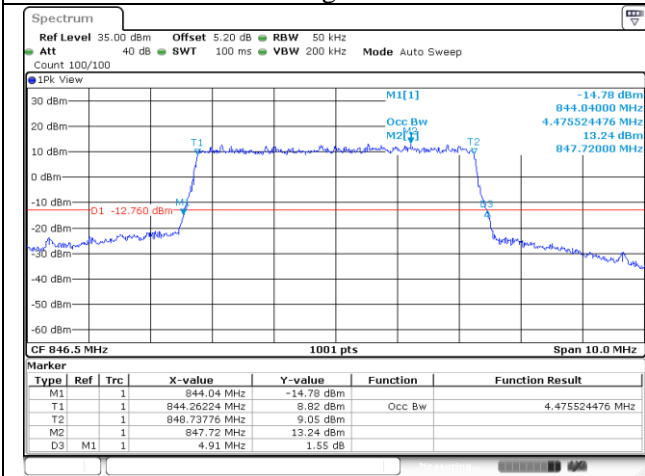


Fig.33

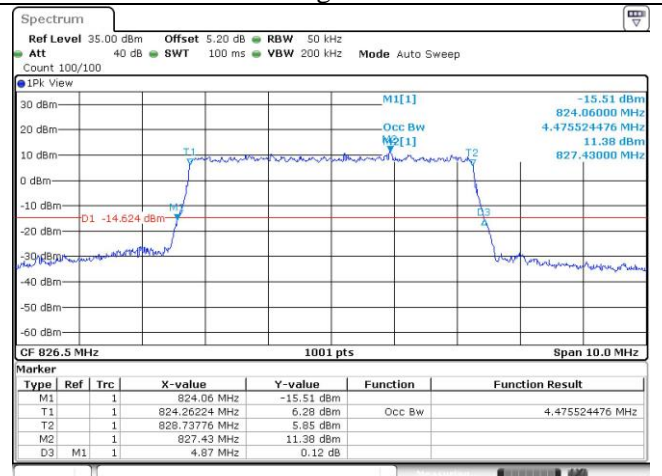


Fig.34

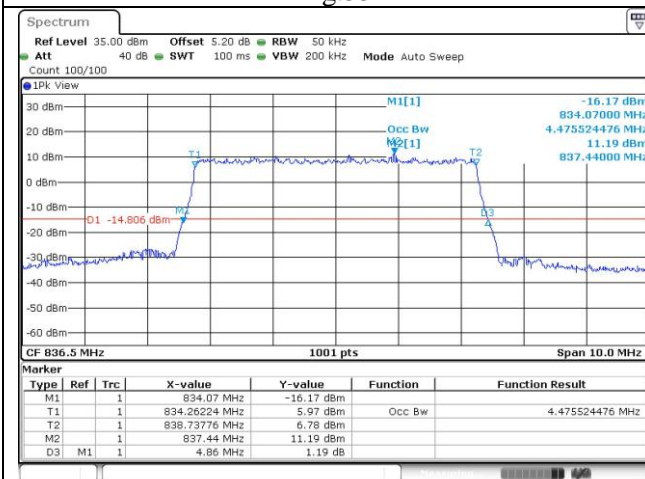


Fig.35

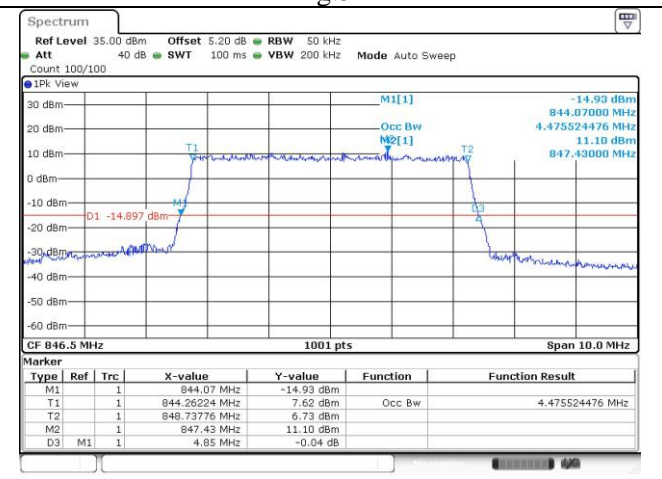


Fig.36

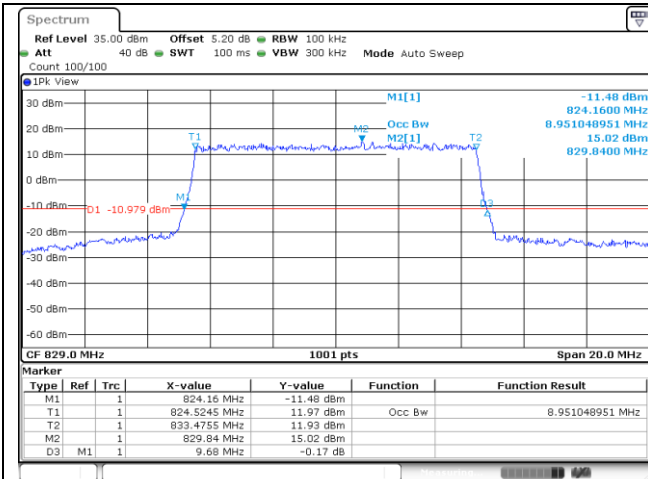


Fig.37

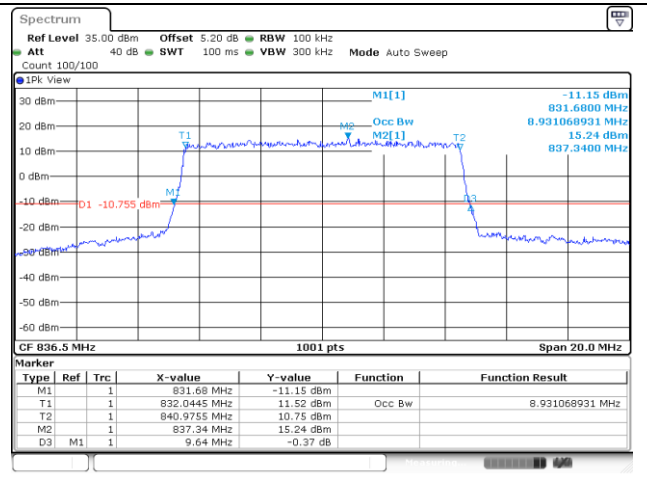


Fig.38

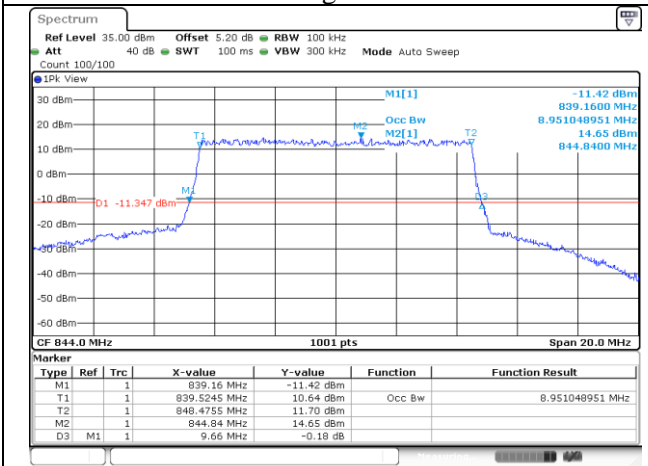


Fig.39

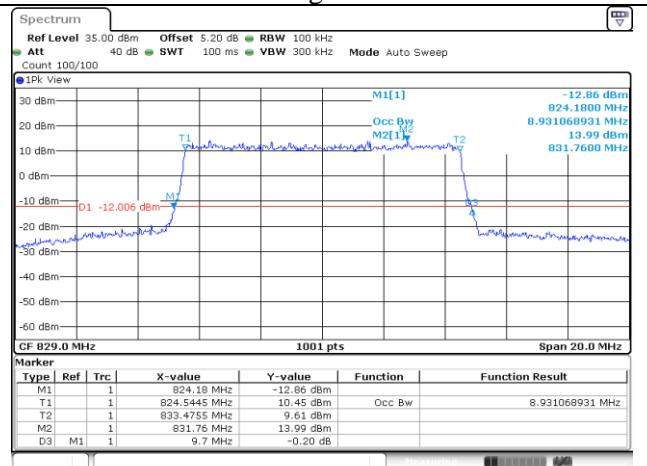


Fig.40

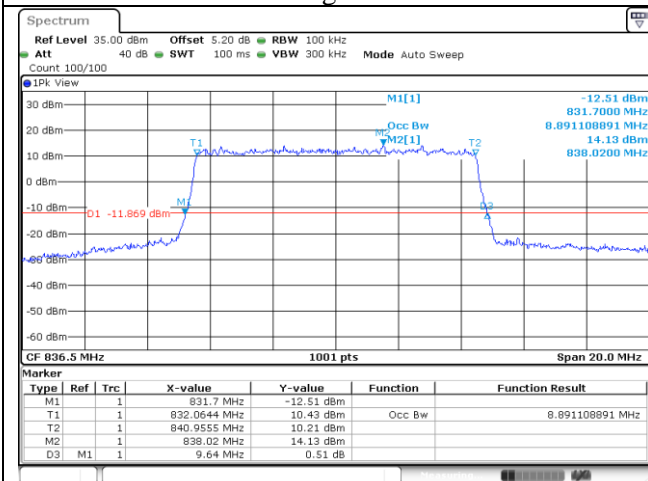


Fig.41

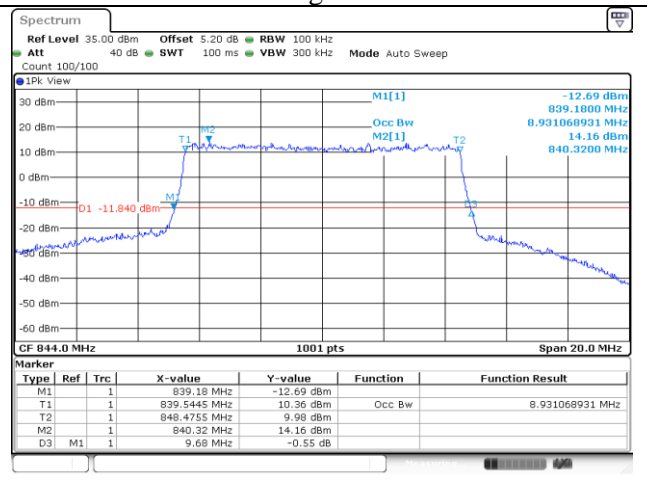


Fig.42

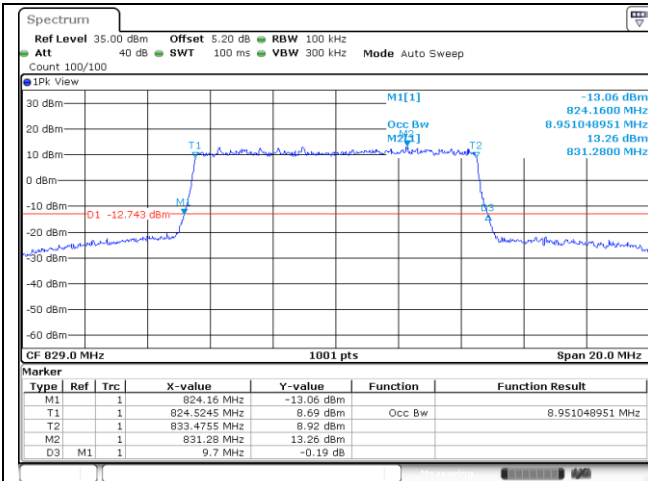


Fig.43

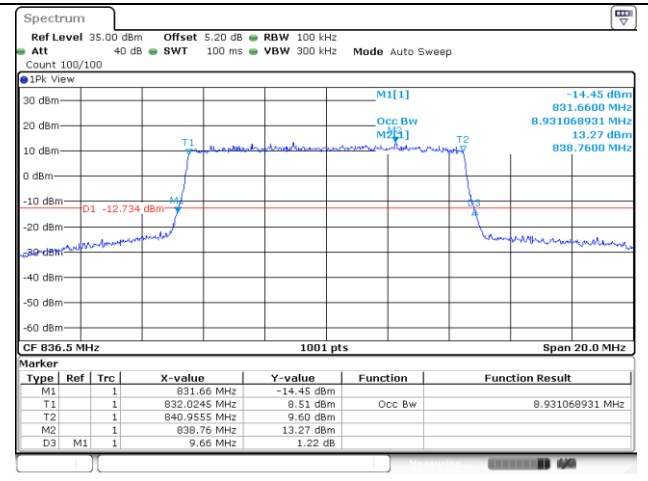


Fig.44

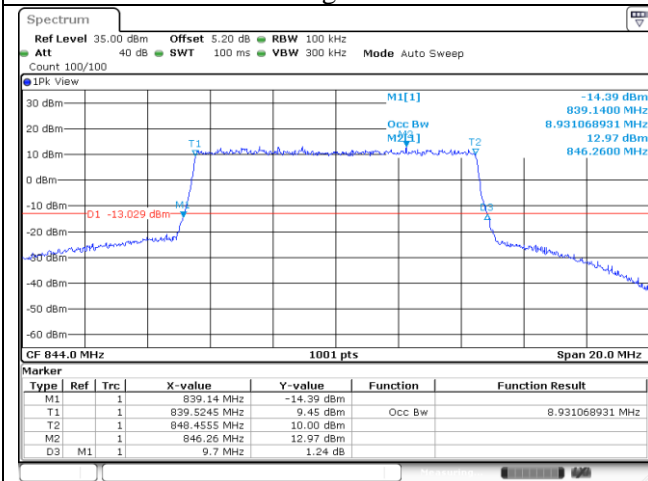


Fig.45

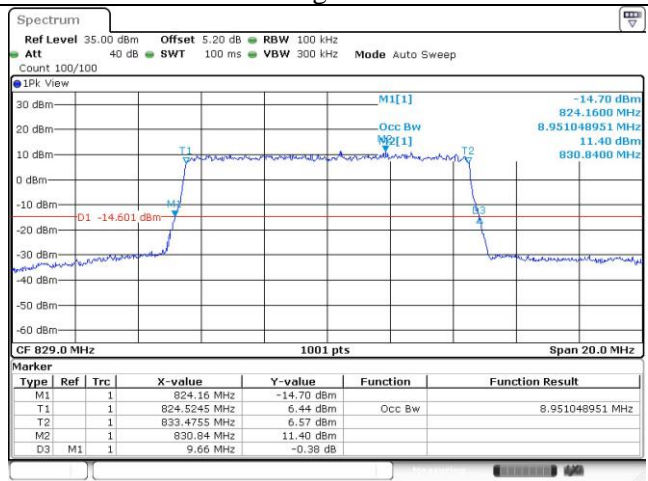


Fig.46

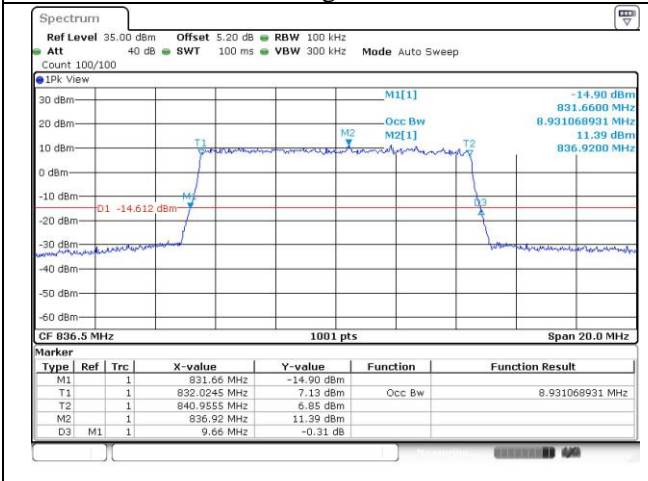


Fig.47

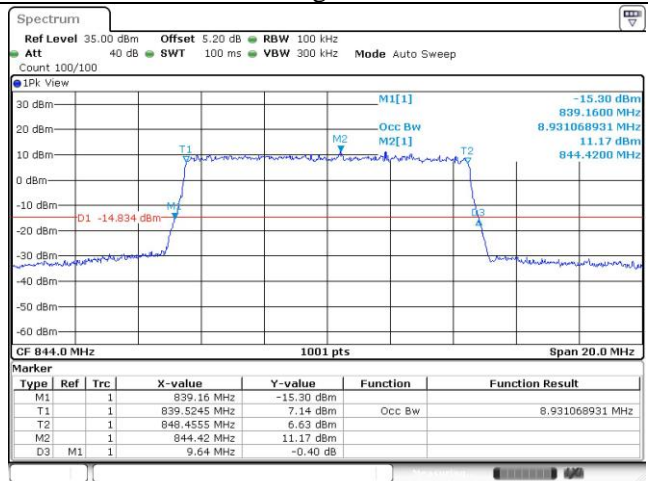


Fig.48

4 Peak-Average Ratio

| Band | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | QPSK | 16-QAM | 64-QAM | 256-QAM |
|------|-------------------------|---------|----------|---------|-----------|-------|--------|--------|---------|
| 5 | 829 | 20450 | 10MHz | 50 | 0 | Fig.1 | Fig.4 | Fig.7 | Fig.10 |
| | 836.5 | 20525 | | 50 | 0 | Fig.2 | Fig.5 | Fig.8 | Fig.11 |
| | 844 | 20600 | | 50 | 0 | Fig.3 | Fig.6 | Fig.9 | Fig.12 |

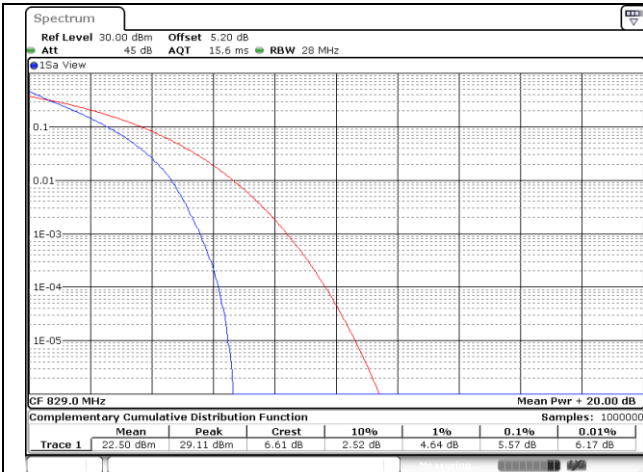


Fig.1

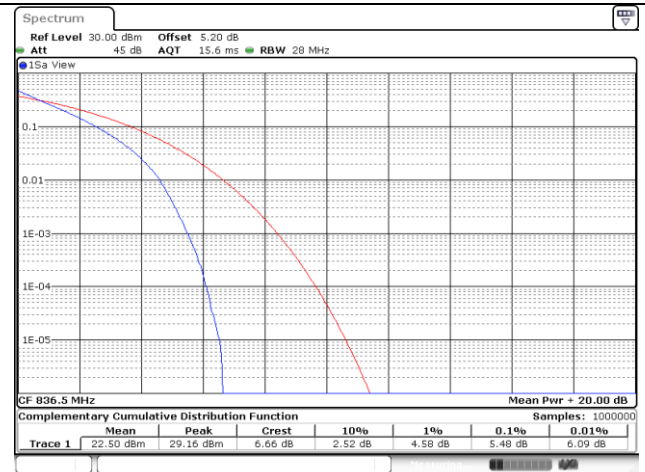


Fig.2

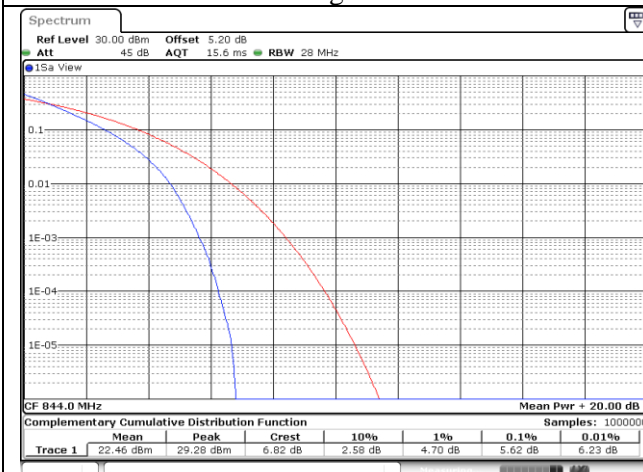


Fig.3

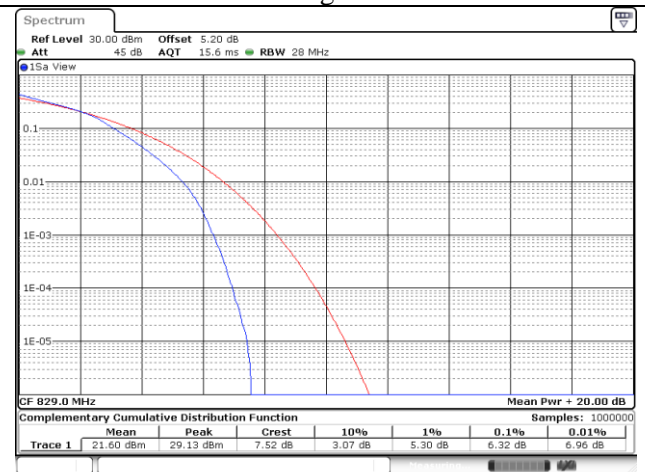


Fig.4

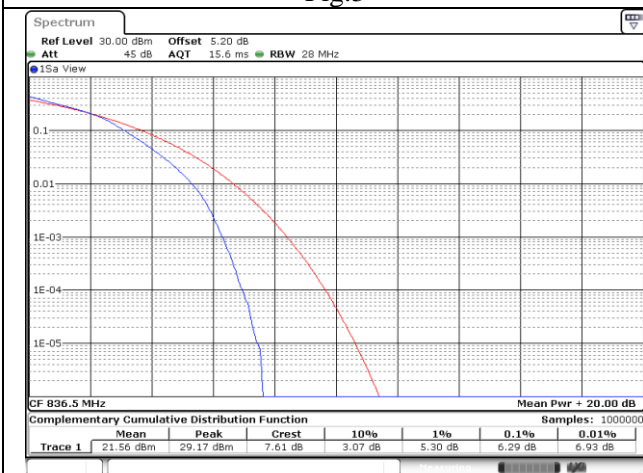


Fig.5

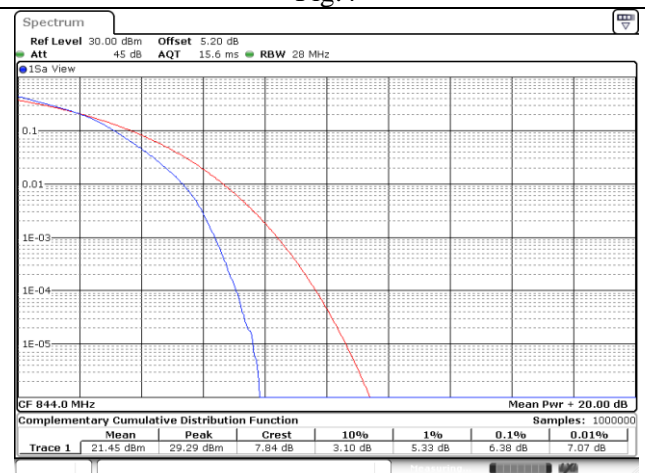


Fig.6

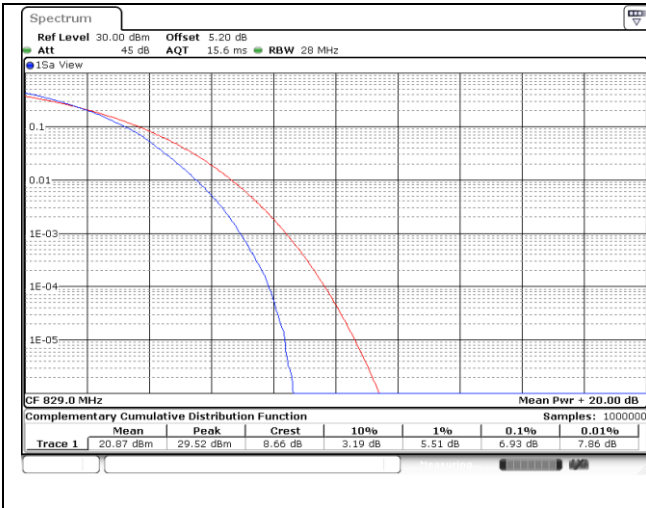


Fig.7

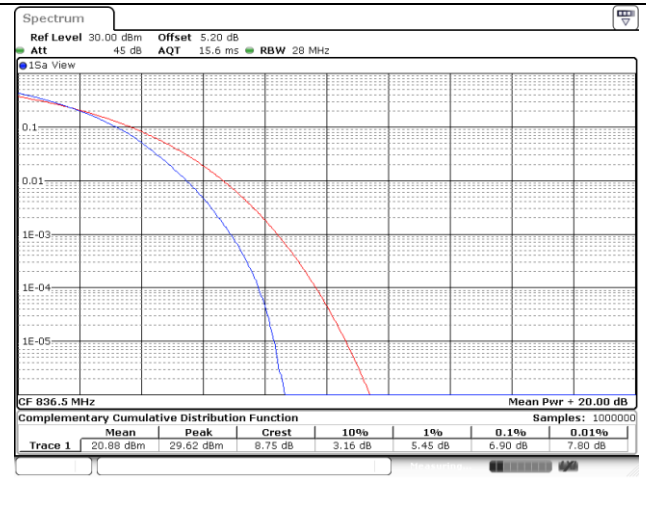


Fig.8

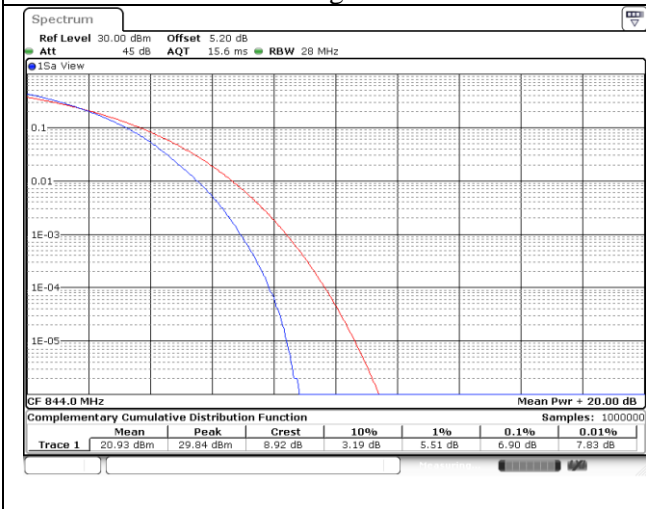


Fig.9

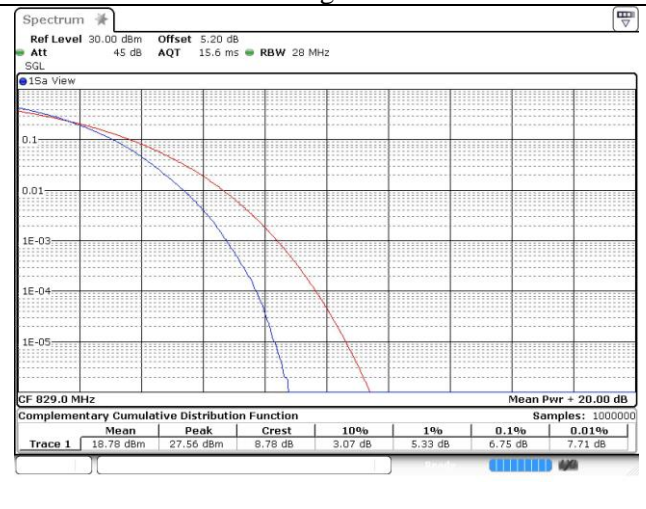


Fig.10

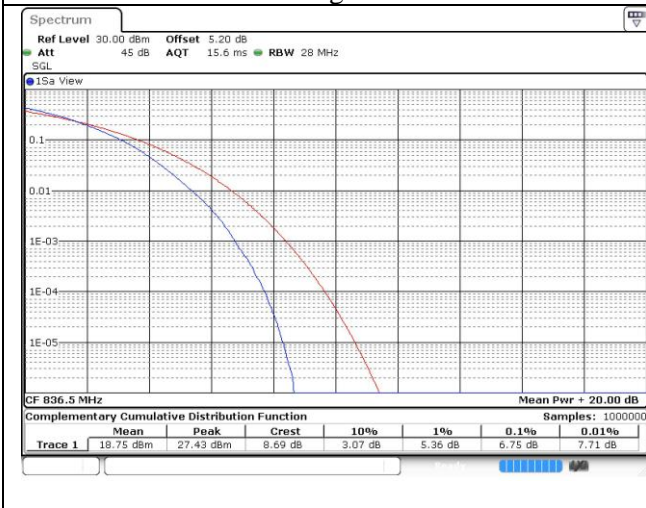


Fig.11

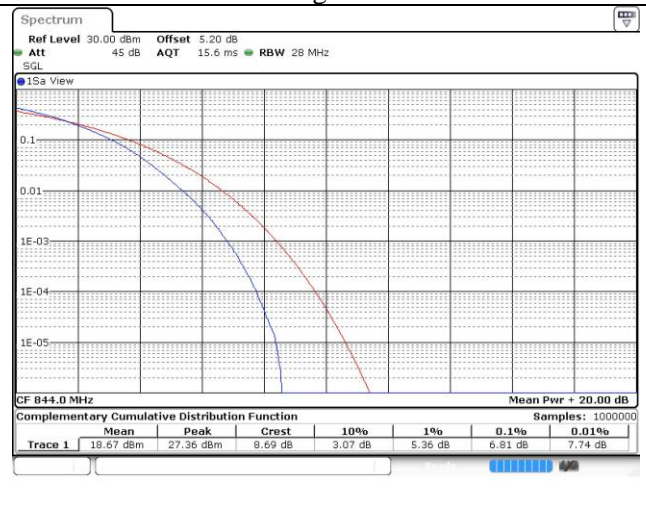


Fig.12

5 Spurious Emissions at antenna terminal

| Band | Carrier frequency (MHz) | Channel | BW | RB Size | RB Offset | Conducted Spurious Plot |
|------|-------------------------|---------|----|---------|-----------|-------------------------|
| | | | | | | QPSK |
| 5 | 829 | 20450 | 10 | 1 | 0 | Fig.1~ Fig.2 |
| | 836.5 | 20525 | | 1 | 0 | Fig.3~ Fig.4 |
| | 844 | 20600 | | 1 | 0 | Fig.5~ Fig.6 |

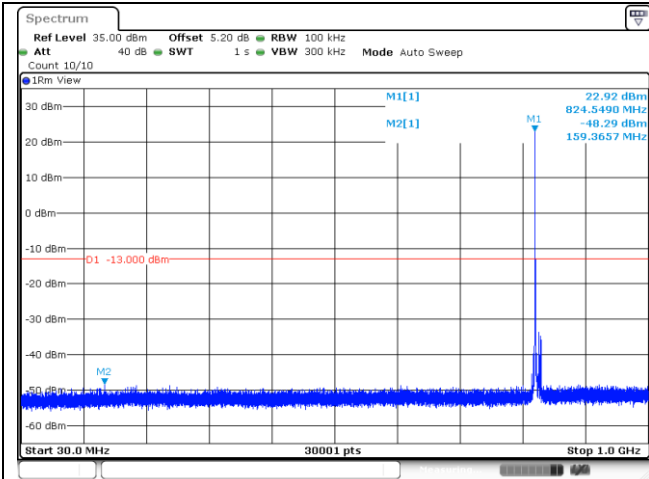


Fig.1

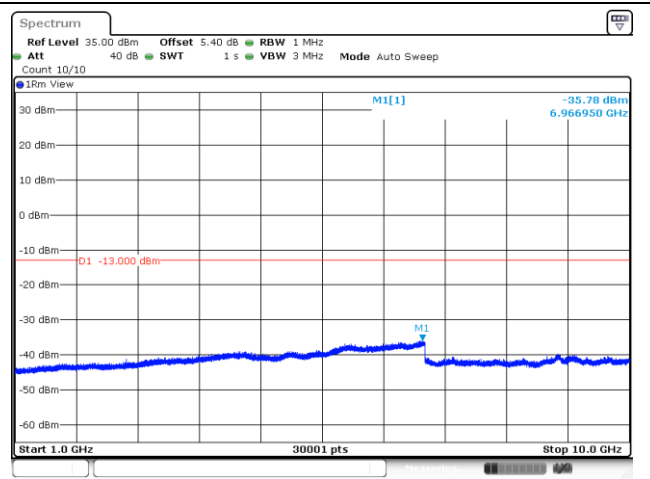


Fig.2

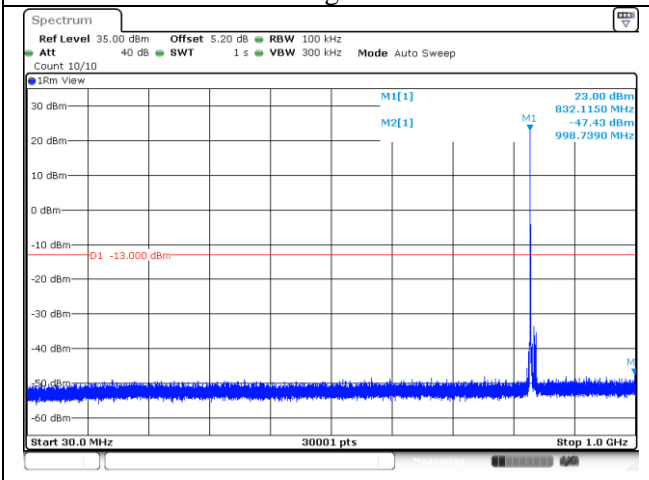


Fig.3

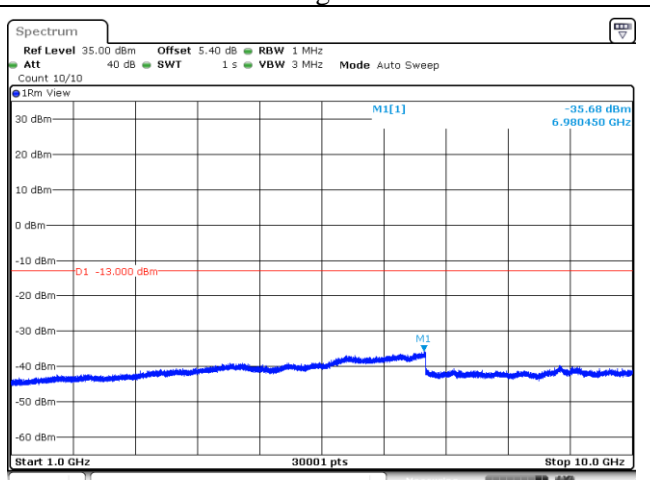


Fig.4

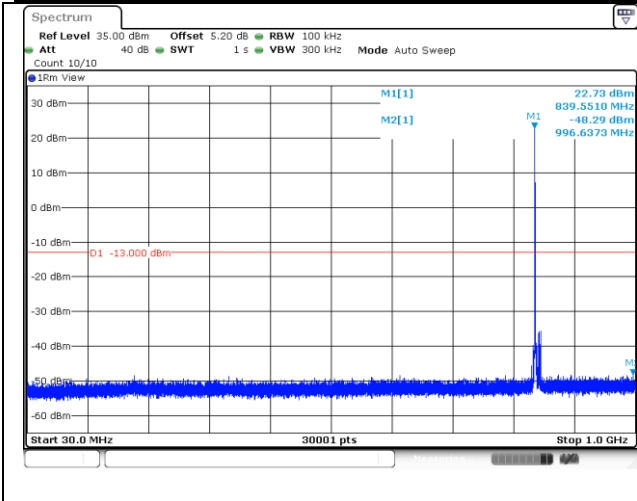


Fig.5

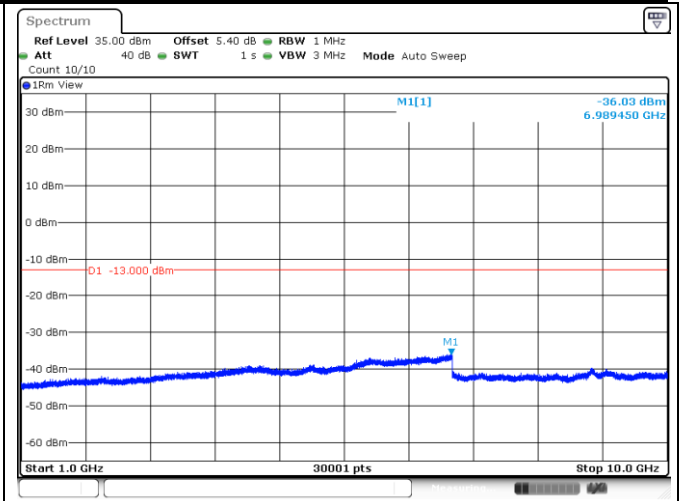


Fig.6

6 Band Edges Compliance

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

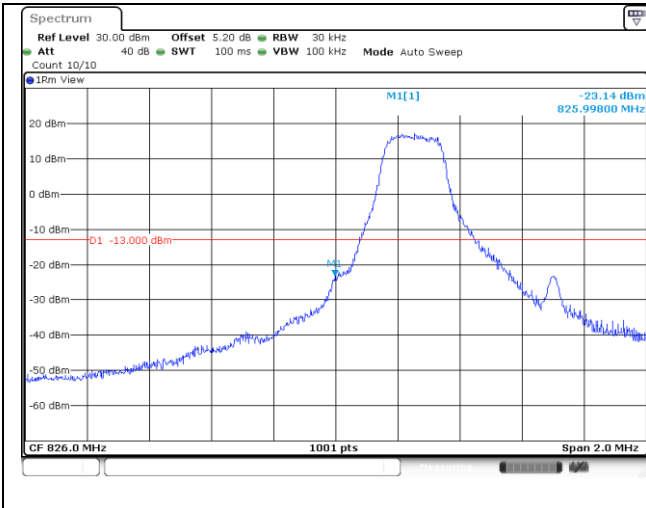


Fig.1

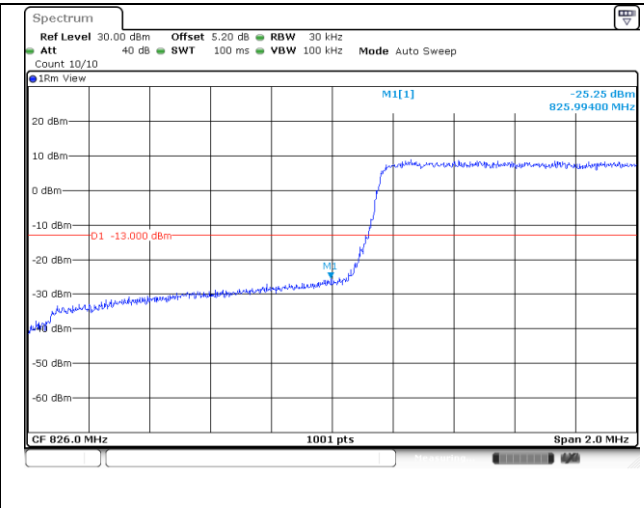


Fig.2

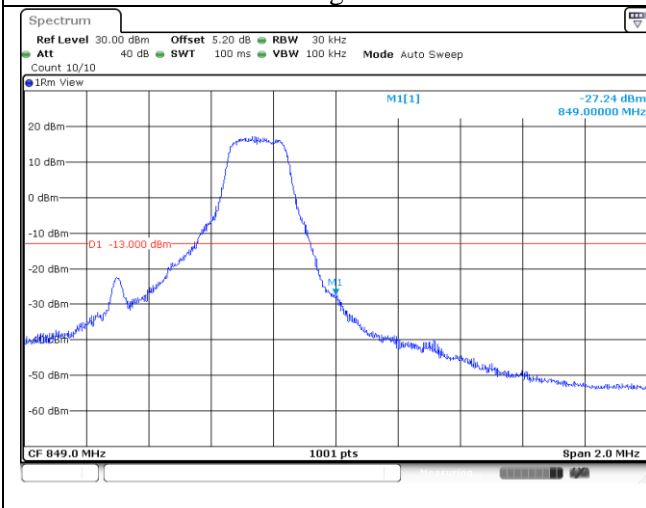


Fig.3

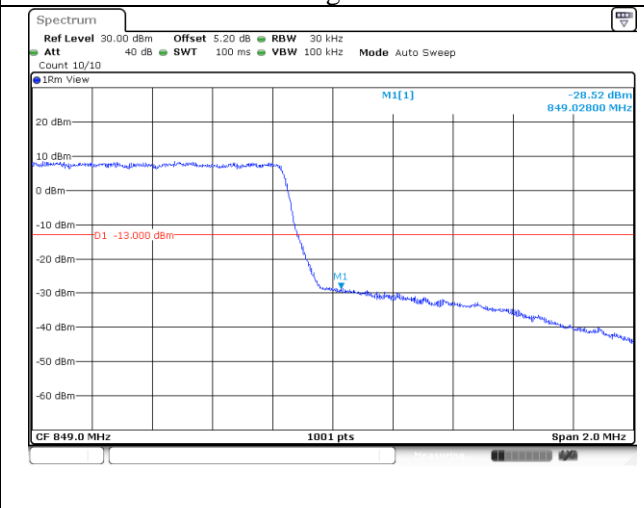


Fig.4

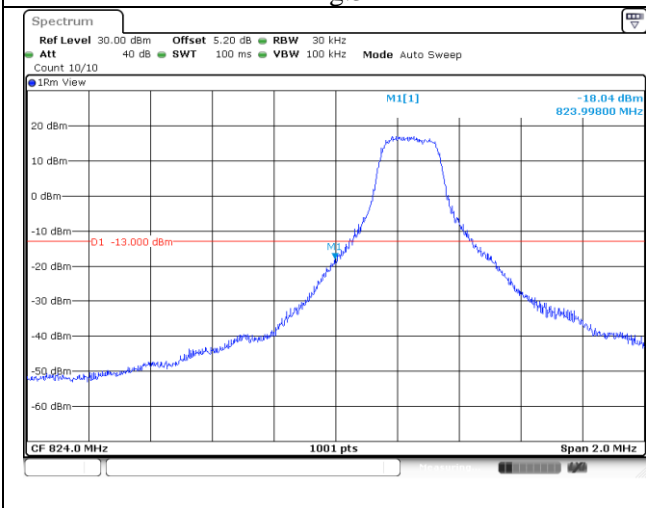


Fig.5

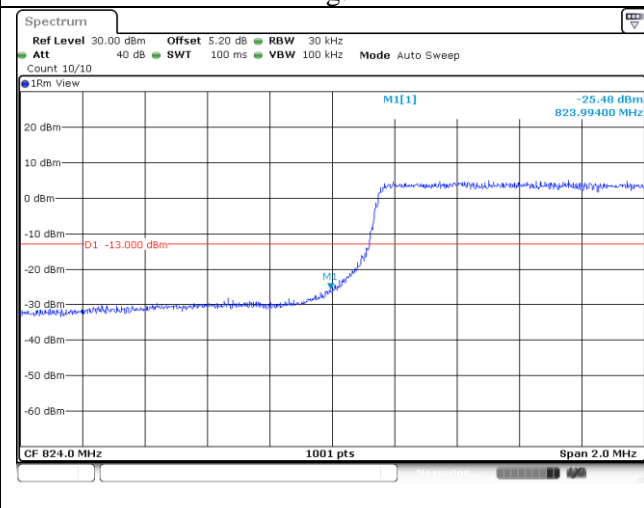


Fig.6

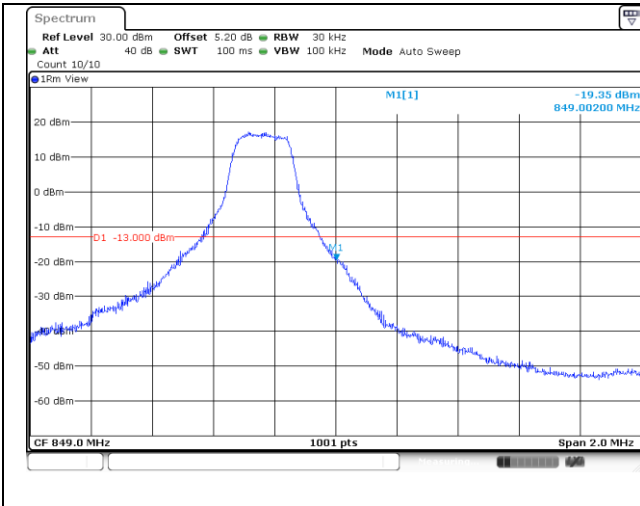


Fig.7

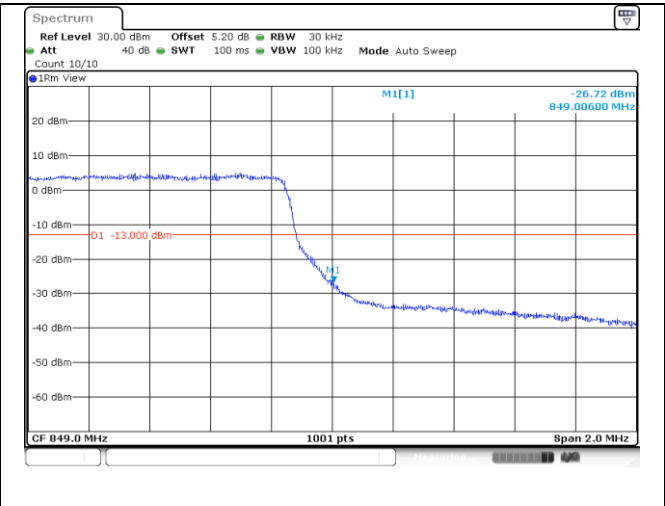


Fig.8

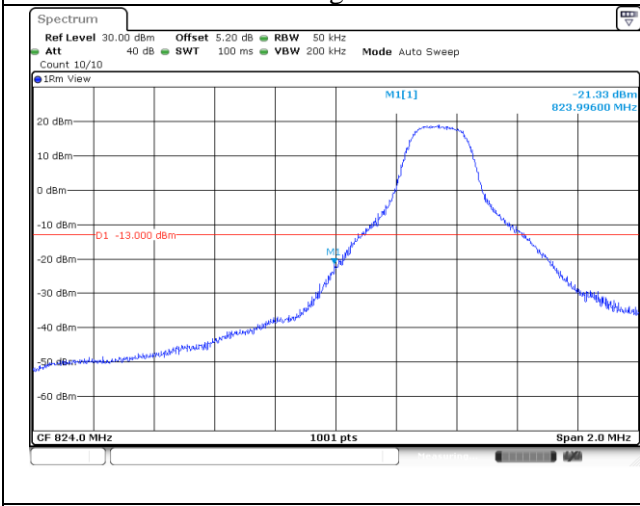


Fig.9

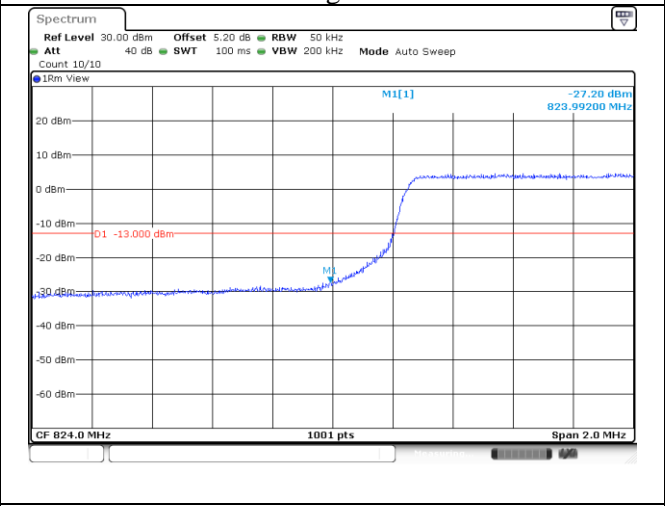


Fig.10

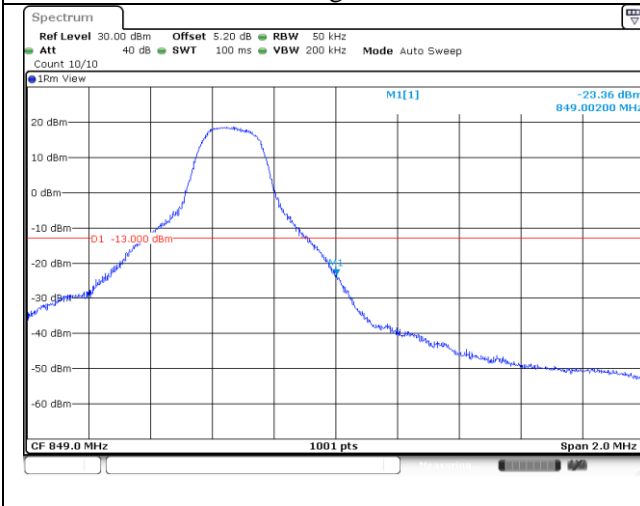


Fig.11

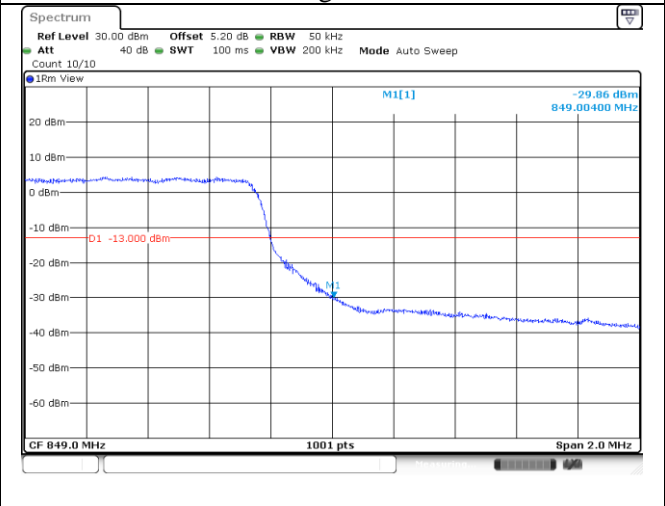


Fig.12

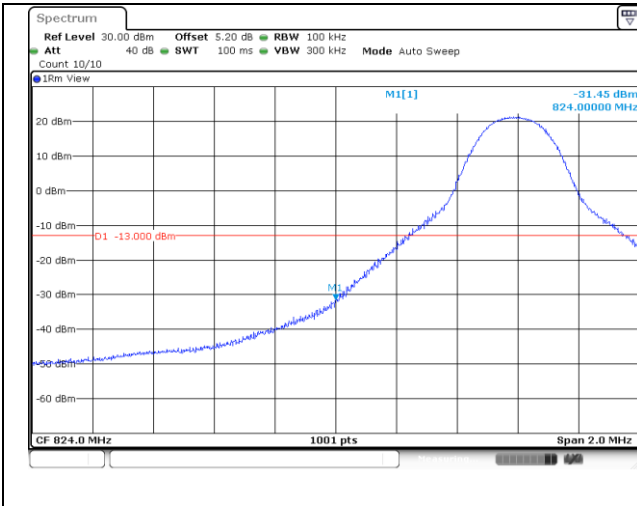


Fig.13

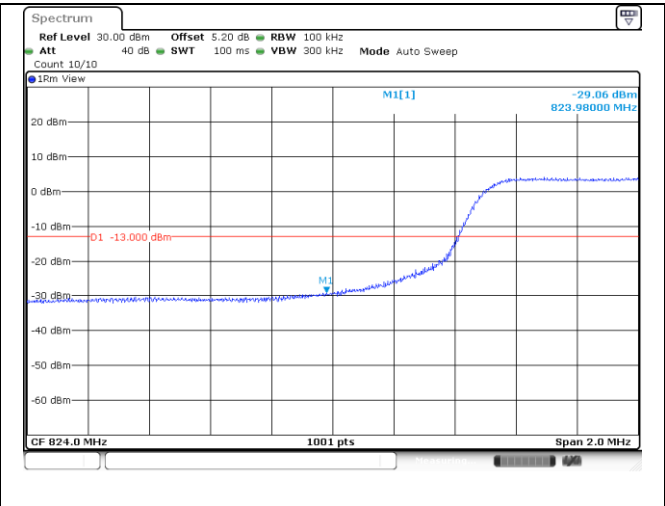


Fig.14

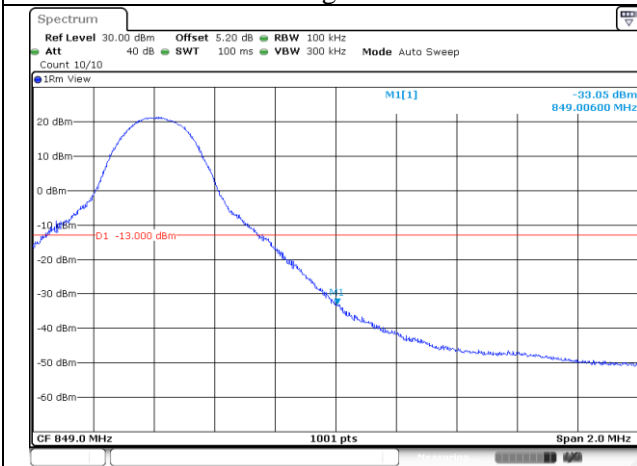


Fig.15

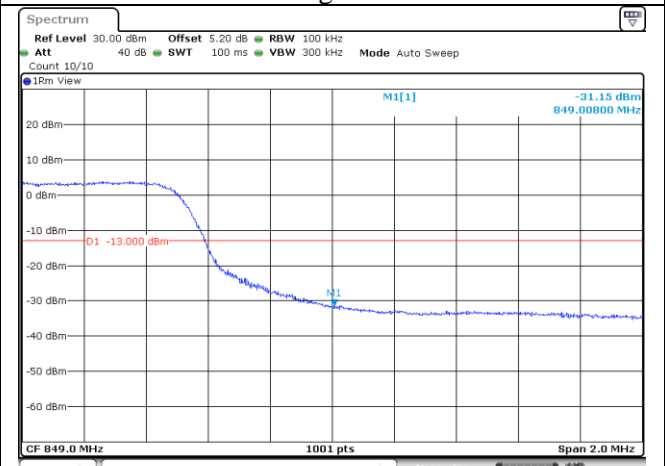


Fig.16

7 Frequency Stability

| Temperature(°C) | Voltage | Test Result (ppm) Band5 Low Channel QPSK | | | | | |
|-----------------|---------|--|-----|-----|----------|-----|-----|
| | | 1.4M | 3M | 5M | 10M | 15M | 20M |
| -30 | NV | --- | --- | --- | 0.005549 | --- | --- |
| -20 | NV | --- | --- | --- | 0.005549 | --- | --- |
| -10 | NV | --- | --- | --- | 0.002654 | --- | --- |
| 0 | NV | --- | --- | --- | 0.003498 | --- | --- |
| +10 | NV | --- | --- | --- | 0.007358 | --- | --- |
| +20 | NV | --- | --- | --- | 0.006876 | --- | --- |
| +30 | NV | --- | --- | --- | 0.007841 | --- | --- |
| +40 | NV | --- | --- | --- | 0.010133 | --- | --- |
| +50 | NV | --- | --- | --- | 0.004463 | --- | --- |
| +20 | LV | --- | --- | --- | 0.005549 | --- | --- |
| +20 | HV | --- | --- | --- | 0.005549 | --- | --- |

| Temperature(°C) | Voltage | Test Result (ppm) Band5 High Channel QPSK | | | | | |
|-----------------|---------|---|-----|-----|----------|-----|-----|
| | | 1.4M | 3M | 5M | 10M | 15M | 20M |
| -30 | NV | --- | --- | --- | 0.006043 | --- | --- |
| -20 | NV | --- | --- | --- | 0.002251 | --- | --- |
| -10 | NV | --- | --- | --- | 0.002014 | --- | --- |
| 0 | NV | --- | --- | --- | 0.001896 | --- | --- |
| +10 | NV | --- | --- | --- | 0.004621 | --- | --- |
| +20 | NV | --- | --- | --- | 0.003199 | --- | --- |
| +30 | NV | --- | --- | --- | 0.003910 | --- | --- |
| +40 | NV | --- | --- | --- | 0.005095 | --- | --- |
| +50 | NV | --- | --- | --- | 0.002725 | --- | --- |
| +20 | LV | --- | --- | --- | 0.006043 | --- | --- |
| +20 | HV | --- | --- | --- | 0.002251 | --- | --- |

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 | 824.7 | 20407 | 1.4 | 1 | 0 | 22.72 | 17.07 | 0.051 |
| | | | | 1 | 2 | 22.69 | 17.04 | 0.051 |
| | | | | 1 | 5 | 22.72 | 17.07 | 0.051 |
| | | | | 3 | 0 | 22.74 | 17.09 | 0.051 |
| | | | | 3 | 1 | 22.79 | 17.14 | 0.052 |
| | | | | 3 | 3 | 22.72 | 17.07 | 0.051 |
| | | | | 6 | 0 | 21.75 | 16.10 | 0.041 |
| | 836.5 | 20525 | | 1 | 0 | 22.69 | 17.04 | 0.051 |
| | | | | 1 | 2 | 22.58 | 16.93 | 0.049 |
| | | | | 1 | 5 | 22.46 | 16.81 | 0.048 |
| | | | | 3 | 0 | 22.71 | 17.06 | 0.051 |
| | | | | 3 | 1 | 22.65 | 17.00 | 0.050 |
| | | | | 3 | 3 | 22.72 | 17.07 | 0.051 |
| | | | | 6 | 0 | 21.78 | 16.13 | 0.041 |
| | 848.3 | 20643 | | 1 | 0 | 22.42 | 16.77 | 0.048 |
| | | | | 1 | 2 | 22.72 | 17.07 | 0.051 |
| | | | | 1 | 5 | 22.64 | 16.99 | 0.050 |
| | | | | 3 | 0 | 22.60 | 16.95 | 0.050 |
| | | | | 3 | 1 | 22.67 | 17.02 | 0.050 |
| | | | | 3 | 3 | 22.58 | 16.93 | 0.049 |
| | | | | 6 | 0 | 21.69 | 16.04 | 0.040 |
| 16QAM | 824.7 | 20407 | 1 | 0 | 21.87 | 16.22 | 0.042 | |
| | | | 1 | 2 | 22.17 | 16.52 | 0.045 | |
| | | | 1 | 5 | 22.00 | 16.35 | 0.043 | |
| | | | 3 | 0 | 21.84 | 16.19 | 0.042 | |
| | | | 3 | 1 | 21.82 | 16.17 | 0.041 | |
| | | | 3 | 3 | 21.87 | 16.22 | 0.042 | |
| | | | 6 | 0 | 20.88 | 15.23 | 0.033 | |
| | 836.5 | 20525 | 1 | 0 | 22.30 | 16.65 | 0.046 | |
| | | | 1 | 2 | 21.88 | 16.23 | 0.042 | |
| | | | 1 | 5 | 22.15 | 16.50 | 0.045 | |
| | | | 3 | 0 | 21.95 | 16.30 | 0.043 | |
| | | | 3 | 1 | 21.92 | 16.27 | 0.042 | |
| | | | 3 | 3 | 21.85 | 16.20 | 0.042 | |
| | | | 6 | 0 | 20.67 | 15.02 | 0.032 | |
| | 848.3 | 20643 | 1 | 0 | 21.79 | 16.14 | 0.041 | |
| | | | 1 | 2 | 21.58 | 15.93 | 0.039 | |
| | | | 1 | 5 | 21.62 | 15.97 | 0.040 | |
| | | | 3 | 0 | 21.81 | 16.16 | 0.041 | |
| | | | 3 | 1 | 21.80 | 16.15 | 0.041 | |
| | | | 3 | 3 | 21.59 | 15.94 | 0.039 | |
| | | | 6 | 0 | 20.83 | 15.18 | 0.033 | |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|-----|---------|-----------|-----------------------|-----------------|---------------|
| 64QAM | 824.7 | 20407 | 1.4 | 1 | 0 | 20.62 | 14.97 | 0.031 |
| | | | | 1 | 2 | 20.67 | 15.02 | 0.032 |
| | | | | 1 | 5 | 20.68 | 15.03 | 0.032 |
| | | | | 3 | 0 | 20.70 | 15.05 | 0.032 |
| | | | | 3 | 1 | 20.76 | 15.11 | 0.032 |
| | | | | 3 | 3 | 20.69 | 15.04 | 0.032 |
| | | | | 6 | 0 | 19.65 | 14.00 | 0.025 |
| | 836.5 | 20525 | | 1 | 0 | 20.59 | 14.94 | 0.031 |
| | | | | 1 | 2 | 20.48 | 14.83 | 0.030 |
| | | | | 1 | 5 | 20.39 | 14.74 | 0.030 |
| | | | | 3 | 0 | 20.69 | 15.04 | 0.032 |
| | | | | 3 | 1 | 20.60 | 14.95 | 0.031 |
| | | | | 3 | 3 | 20.63 | 14.98 | 0.031 |
| | | | | 6 | 0 | 19.68 | 14.03 | 0.025 |
| | 848.3 | 20643 | | 1 | 0 | 20.33 | 14.68 | 0.029 |
| | | | | 1 | 2 | 20.63 | 14.98 | 0.031 |
| | | | | 1 | 5 | 20.55 | 14.90 | 0.031 |
| | | | | 3 | 0 | 20.56 | 14.91 | 0.031 |
| | | | | 3 | 1 | 20.57 | 14.92 | 0.031 |
| | | | | 3 | 3 | 20.55 | 14.90 | 0.031 |
| | | | | 6 | 0 | 19.63 | 13.98 | 0.025 |
| 256QAM | 824.7 | 20407 | 1 | 0 | 17.77 | 12.12 | 0.016 | |
| | | | 1 | 2 | 18.12 | 12.47 | 0.018 | |
| | | | 1 | 5 | 17.94 | 12.29 | 0.017 | |
| | | | 3 | 0 | 17.76 | 12.11 | 0.016 | |
| | | | 3 | 1 | 17.72 | 12.07 | 0.016 | |
| | | | 3 | 3 | 17.78 | 12.13 | 0.016 | |
| | | | 6 | 0 | 17.78 | 12.13 | 0.016 | |
| | 836.5 | 20525 | 1 | 0 | 18.28 | 12.63 | 0.018 | |
| | | | 1 | 2 | 17.85 | 12.20 | 0.017 | |
| | | | 1 | 5 | 18.07 | 12.42 | 0.017 | |
| | | | 3 | 0 | 17.86 | 12.21 | 0.017 | |
| | | | 3 | 1 | 17.87 | 12.22 | 0.017 | |
| | | | 3 | 3 | 17.79 | 12.14 | 0.016 | |
| | | | 6 | 0 | 17.63 | 11.98 | 0.016 | |
| | 848.3 | 20643 | 1 | 0 | 17.76 | 12.11 | 0.016 | |
| | | | 1 | 2 | 17.52 | 11.87 | 0.015 | |
| | | | 1 | 5 | 17.54 | 11.89 | 0.015 | |
| | | | 3 | 0 | 17.78 | 12.13 | 0.016 | |
| | | | 3 | 1 | 17.71 | 12.06 | 0.016 | |
| | | | 3 | 3 | 17.54 | 11.89 | 0.015 | |
| | | | 6 | 0 | 17.79 | 12.14 | 0.016 | |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|-----------------|---------------|
| QPSK | 825.5 | 20415 | 3 | 1 | 0 | 22.75 | 17.10 | 0.051 |
| | | | | 1 | 8 | 22.70 | 17.05 | 0.051 |
| | | | | 1 | 14 | 22.62 | 16.97 | 0.050 |
| | | | | 8 | 0 | 21.70 | 16.05 | 0.040 |
| | | | | 8 | 4 | 21.89 | 16.24 | 0.042 |
| | | | | 8 | 7 | 21.79 | 16.14 | 0.041 |
| | 836.5 | 20525 | | 15 | 0 | 21.76 | 16.11 | 0.041 |
| | | | | 1 | 0 | 22.79 | 17.14 | 0.052 |
| | | | | 1 | 8 | 22.61 | 16.96 | 0.050 |
| | | | | 1 | 14 | 22.64 | 16.99 | 0.050 |
| | | | | 8 | 0 | 21.75 | 16.10 | 0.041 |
| | | | | 8 | 4 | 21.78 | 16.13 | 0.041 |
| | 847.5 | 20635 | | 8 | 7 | 21.83 | 16.18 | 0.041 |
| | | | | 15 | 0 | 21.80 | 16.15 | 0.041 |
| | | | | 1 | 0 | 22.58 | 16.93 | 0.049 |
| | | | | 1 | 8 | 22.63 | 16.98 | 0.050 |
| | | | | 1 | 14 | 22.77 | 17.12 | 0.052 |
| | | | | 8 | 0 | 21.75 | 16.10 | 0.041 |
| 16QAM | 825.5 | 20415 | 8 | 4 | 21.57 | 15.92 | 0.039 | |
| | | | 8 | 7 | 21.72 | 16.07 | 0.040 | |
| | | | 15 | 0 | 21.79 | 16.14 | 0.041 | |
| | | | 1 | 0 | 22.35 | 16.70 | 0.047 | |
| | | | 1 | 8 | 22.17 | 16.52 | 0.045 | |
| | | | 1 | 14 | 22.03 | 16.38 | 0.043 | |
| | 836.5 | 20525 | 8 | 0 | 21.06 | 15.41 | 0.035 | |
| | | | 8 | 4 | 20.89 | 15.24 | 0.033 | |
| | | | 8 | 7 | 21.05 | 15.40 | 0.035 | |
| | | | 15 | 0 | 20.87 | 15.22 | 0.033 | |
| | | | 1 | 0 | 22.04 | 16.39 | 0.044 | |
| | | | 1 | 8 | 22.13 | 16.48 | 0.044 | |
| | 847.5 | 20635 | 1 | 14 | 21.75 | 16.10 | 0.041 | |
| | | | 8 | 0 | 20.84 | 15.19 | 0.033 | |
| | | | 8 | 4 | 20.79 | 15.14 | 0.033 | |
| | | | 8 | 7 | 20.89 | 15.24 | 0.033 | |
| | | | 15 | 0 | 20.72 | 15.07 | 0.032 | |
| | | | 1 | 0 | 22.14 | 16.49 | 0.045 | |
| | | | 1 | 8 | 21.48 | 15.83 | 0.038 | |
| | | | 1 | 14 | 22.12 | 16.47 | 0.044 | |
| | | | 8 | 0 | 20.82 | 15.17 | 0.033 | |
| | | | 8 | 4 | 20.77 | 15.12 | 0.033 | |
| | | | 8 | 7 | 20.67 | 15.02 | 0.032 | |
| | | | 15 | 0 | 20.85 | 15.20 | 0.033 | |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/EIRP (dBm) | ERP/EIRP (W) | |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|----------------|--------------|-------|
| 64QAM | 825.5 | 20415 | 3 | 1 | 0 | 20.71 | 15.06 | 0.032 | |
| | | | | 1 | 8 | 20.67 | 15.02 | 0.032 | |
| | | | | 1 | 14 | 20.52 | 14.87 | 0.031 | |
| | | | | 8 | 0 | 19.62 | 13.97 | 0.025 | |
| | | | | 8 | 4 | 19.83 | 14.18 | 0.026 | |
| | | | | 8 | 7 | 19.69 | 14.04 | 0.025 | |
| | | | | 15 | 0 | 19.73 | 14.08 | 0.026 | |
| | 836.5 | 20525 | | 1 | 0 | 20.73 | 15.08 | 0.032 | |
| | | | | 1 | 8 | 20.54 | 14.89 | 0.031 | |
| | | | | 1 | 14 | 20.60 | 14.95 | 0.031 | |
| | | | | 8 | 0 | 19.73 | 14.08 | 0.026 | |
| | | | | 8 | 4 | 19.73 | 14.08 | 0.026 | |
| | | | | 8 | 7 | 19.73 | 14.08 | 0.026 | |
| | | | | 15 | 0 | 19.76 | 14.11 | 0.026 | |
| | 847.5 | 20635 | | 1 | 0 | 20.50 | 14.85 | 0.031 | |
| | | | | 1 | 8 | 20.56 | 14.91 | 0.031 | |
| | | | | 1 | 14 | 20.70 | 15.05 | 0.032 | |
| | | | | 8 | 0 | 19.65 | 14.00 | 0.025 | |
| | | | | 8 | 4 | 19.52 | 13.87 | 0.024 | |
| | | | | 8 | 7 | 19.64 | 13.99 | 0.025 | |
| | | | | 15 | 0 | 19.70 | 14.05 | 0.025 | |
| | 256QAM | 825.5 | | 20415 | 1 | 0 | 18.30 | 12.65 | 0.018 |
| | | | | | 1 | 8 | 18.11 | 12.46 | 0.018 |
| | | | | | 1 | 14 | 17.93 | 12.28 | 0.017 |
| 8 | | | 0 | | 18.00 | 12.35 | 0.017 | | |
| 8 | | | 4 | | 17.81 | 12.16 | 0.016 | | |
| 8 | | | 7 | | 17.98 | 12.33 | 0.017 | | |
| 15 | | | 0 | | 17.77 | 12.12 | 0.016 | | |
| 836.5 | | 20525 | 1 | 0 | 18.02 | 12.37 | 0.017 | | |
| | | | 1 | 8 | 18.06 | 12.41 | 0.017 | | |
| | | | 1 | 14 | 17.73 | 12.08 | 0.016 | | |
| | | | 8 | 0 | 17.82 | 12.17 | 0.016 | | |
| | | | 8 | 4 | 17.70 | 12.05 | 0.016 | | |
| | | | 8 | 7 | 17.85 | 12.20 | 0.017 | | |
| | | | 15 | 0 | 17.65 | 12.00 | 0.016 | | |
| 847.5 | | 20635 | 1 | 0 | 18.11 | 12.46 | 0.018 | | |
| | | | 1 | 8 | 17.46 | 11.81 | 0.015 | | |
| | | | 1 | 14 | 18.09 | 12.44 | 0.018 | | |
| | | | 8 | 0 | 17.72 | 12.07 | 0.016 | | |
| | | | 8 | 4 | 17.73 | 12.08 | 0.016 | | |
| | | | 8 | 7 | 17.62 | 11.97 | 0.016 | | |
| | | | 15 | 0 | 17.80 | 12.15 | 0.016 | | |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) | | |
|------------|-------------------------|------------|-------|---------|-----------|-----------------------|-----------------|---------------|-------|-------|
| QPSK | 826.5 | 20425 | 5 | 1 | 0 | 22.85 | 17.20 | 0.052 | | |
| | | | | 1 | 12 | 22.91 | 17.26 | 0.053 | | |
| | | | | 1 | 24 | 22.57 | 16.92 | 0.049 | | |
| | | | | 12 | 0 | 21.80 | 16.15 | 0.041 | | |
| | | | | 12 | 6 | 21.82 | 16.17 | 0.041 | | |
| | | | | 12 | 13 | 21.69 | 16.04 | 0.040 | | |
| | 836.5 | 20525 | | 25 | 0 | 21.83 | 16.18 | 0.041 | | |
| | | | | 1 | 0 | 22.75 | 17.10 | 0.051 | | |
| | | | | 1 | 12 | 22.70 | 17.05 | 0.051 | | |
| | | | | 1 | 24 | 22.55 | 16.90 | 0.049 | | |
| | | | | 12 | 0 | 21.80 | 16.15 | 0.041 | | |
| | | | | 12 | 6 | 21.78 | 16.13 | 0.041 | | |
| | | | | 12 | 13 | 21.78 | 16.13 | 0.041 | | |
| | | | | 25 | 0 | 21.71 | 16.06 | 0.040 | | |
| | | | | 846.5 | 20625 | 1 | 0 | 22.83 | 17.18 | 0.052 |
| | | | | | | 1 | 12 | 22.78 | 17.13 | 0.052 |
| | | | | | | 1 | 24 | 22.67 | 17.02 | 0.050 |
| | | | | | | 12 | 0 | 21.71 | 16.06 | 0.040 |
| | 12 | 6 | | | | 21.70 | 16.05 | 0.040 | | |
| | 12 | 13 | | | | 21.80 | 16.15 | 0.041 | | |
| | 16QAM | 826.5 | | 20425 | 25 | 0 | 21.64 | 15.99 | 0.040 | |
| | | | | | 1 | 0 | 21.83 | 16.18 | 0.041 | |
| | | | | | 1 | 12 | 22.13 | 16.48 | 0.044 | |
| | | | | | 1 | 24 | 22.00 | 16.35 | 0.043 | |
| 12 | | | 0 | | 21.01 | 15.36 | 0.034 | | | |
| 12 | | | 6 | | 20.84 | 15.19 | 0.033 | | | |
| 836.5 | | 20525 | 12 | 13 | 20.90 | 15.25 | 0.033 | | | |
| | | | 25 | 0 | 20.90 | 15.25 | 0.033 | | | |
| | | | 1 | 0 | 22.02 | 16.37 | 0.043 | | | |
| | | | 1 | 12 | 22.59 | 16.94 | 0.049 | | | |
| | | | 1 | 24 | 22.21 | 16.56 | 0.045 | | | |
| | | | 12 | 0 | 20.69 | 15.04 | 0.032 | | | |
| | | | 846.5 | 20625 | 12 | 6 | 20.93 | 15.28 | 0.034 | |
| | | | | | 12 | 13 | 20.68 | 15.03 | 0.032 | |
| | | | | | 25 | 0 | 20.71 | 15.06 | 0.032 | |
| | | | | | 1 | 0 | 21.95 | 16.30 | 0.043 | |
| | | | | | 1 | 12 | 22.10 | 16.45 | 0.044 | |
| | | | | | 1 | 24 | 22.23 | 16.58 | 0.045 | |
| | | | | 12 | 0 | 20.76 | 15.11 | 0.032 | | |
| | | | | 12 | 6 | 20.80 | 15.15 | 0.033 | | |
| | | | | 12 | 13 | 20.81 | 15.16 | 0.033 | | |
| | | | | 25 | 0 | 20.71 | 15.06 | 0.032 | | |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/EIRP (dBm) | ERP/EIRP (W) | |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|----------------|--------------|-------|
| 64QAM | 826.5 | 20425 | 5 | 1 | 0 | 20.82 | 15.17 | 0.033 | |
| | | | | 1 | 12 | 20.82 | 15.17 | 0.033 | |
| | | | | 1 | 24 | 20.48 | 14.83 | 0.030 | |
| | | | | 12 | 0 | 19.77 | 14.12 | 0.026 | |
| | | | | 12 | 6 | 19.74 | 14.09 | 0.026 | |
| | | | | 12 | 13 | 19.63 | 13.98 | 0.025 | |
| | | | | 25 | 0 | 19.81 | 14.16 | 0.026 | |
| | 836.5 | 20525 | | 1 | 0 | 20.73 | 15.08 | 0.032 | |
| | | | | 1 | 12 | 20.68 | 15.03 | 0.032 | |
| | | | | 1 | 24 | 20.46 | 14.81 | 0.030 | |
| | | | | 12 | 0 | 19.74 | 14.09 | 0.026 | |
| | | | | 12 | 6 | 19.71 | 14.06 | 0.025 | |
| | | | | 12 | 13 | 19.68 | 14.03 | 0.025 | |
| | | | | 25 | 0 | 19.69 | 14.04 | 0.025 | |
| | 846.5 | 20625 | | 1 | 0 | 20.76 | 15.11 | 0.032 | |
| | | | | 1 | 12 | 20.68 | 15.03 | 0.032 | |
| | | | | 1 | 24 | 20.63 | 14.98 | 0.031 | |
| | | | | 12 | 0 | 19.69 | 14.04 | 0.025 | |
| | | | | 12 | 6 | 19.60 | 13.95 | 0.025 | |
| | | | | 12 | 13 | 19.73 | 14.08 | 0.026 | |
| | | | | 25 | 0 | 19.62 | 13.97 | 0.025 | |
| | 256QAM | 826.5 | | 20425 | 1 | 0 | 17.74 | 12.09 | 0.016 |
| | | | | | 1 | 12 | 18.11 | 12.46 | 0.018 |
| | | | | | 1 | 24 | 17.95 | 12.30 | 0.017 |
| 12 | | | 0 | | 17.91 | 12.26 | 0.017 | | |
| 12 | | | 6 | | 17.74 | 12.09 | 0.016 | | |
| 12 | | | 13 | | 17.81 | 12.16 | 0.016 | | |
| 25 | | | 0 | | 17.82 | 12.17 | 0.016 | | |
| 836.5 | | 20525 | 1 | 0 | 17.92 | 12.27 | 0.017 | | |
| | | | 1 | 12 | 18.56 | 12.91 | 0.020 | | |
| | | | 1 | 24 | 18.17 | 12.52 | 0.018 | | |
| | | | 12 | 0 | 17.61 | 11.96 | 0.016 | | |
| | | | 12 | 6 | 17.87 | 12.22 | 0.017 | | |
| | | | 12 | 13 | 17.66 | 12.01 | 0.016 | | |
| | | | 25 | 0 | 17.64 | 11.99 | 0.016 | | |
| 846.5 | | 20625 | 1 | 0 | 17.90 | 12.25 | 0.017 | | |
| | | | 1 | 12 | 18.03 | 12.38 | 0.017 | | |
| | | | 1 | 24 | 18.20 | 12.55 | 0.018 | | |
| | | | 12 | 0 | 17.68 | 12.03 | 0.016 | | |
| | | | 12 | 6 | 17.78 | 12.13 | 0.016 | | |
| | | | 12 | 13 | 17.77 | 12.12 | 0.016 | | |
| | | | 25 | 0 | 17.64 | 11.99 | 0.016 | | |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/EIRP (dBm) | ERP/EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|----------------|--------------|
| QPSK | 829 | 20450 | 10 | 1 | 0 | 22.71 | 17.06 | 0.051 |
| | | | | 1 | 24 | 22.72 | 17.07 | 0.051 |
| | | | | 1 | 49 | 22.63 | 16.98 | 0.050 |
| | | | | 25 | 0 | 21.74 | 16.09 | 0.041 |
| | | | | 25 | 12 | 21.79 | 16.14 | 0.041 |
| | | | | 25 | 25 | 21.74 | 16.09 | 0.041 |
| | | | | 50 | 0 | 21.76 | 16.11 | 0.041 |
| | 836.5 | 20525 | | 1 | 0 | 22.72 | 17.07 | 0.051 |
| | | | | 1 | 24 | 22.80 | 17.15 | 0.052 |
| | | | | 1 | 49 | 22.69 | 17.04 | 0.051 |
| | | | | 25 | 0 | 21.82 | 16.17 | 0.041 |
| | | | | 25 | 12 | 21.77 | 16.12 | 0.041 |
| | | | | 25 | 25 | 21.76 | 16.11 | 0.041 |
| | | | | 50 | 0 | 21.77 | 16.12 | 0.041 |
| | 844 | 20600 | | 1 | 0 | 22.63 | 16.98 | 0.050 |
| | | | | 1 | 24 | 22.65 | 17.00 | 0.050 |
| | | | | 1 | 49 | 22.65 | 17.00 | 0.050 |
| | | | | 25 | 0 | 21.68 | 16.03 | 0.040 |
| | | | | 25 | 12 | 21.78 | 16.13 | 0.041 |
| | | | | 25 | 25 | 21.78 | 16.13 | 0.041 |
| | | | | 50 | 0 | 21.82 | 16.17 | 0.041 |
| 16QAM | 829 | 20450 | 1 | 0 | 22.15 | 16.50 | 0.045 | |
| | | | 1 | 24 | 22.25 | 16.60 | 0.046 | |
| | | | 1 | 49 | 22.33 | 16.68 | 0.047 | |
| | | | 25 | 0 | 20.79 | 15.14 | 0.033 | |
| | | | 25 | 12 | 20.82 | 15.17 | 0.033 | |
| | | | 25 | 25 | 20.81 | 15.16 | 0.033 | |
| | | | 50 | 0 | 20.92 | 15.27 | 0.034 | |
| | 836.5 | 20525 | 1 | 0 | 22.17 | 16.52 | 0.045 | |
| | | | 1 | 24 | 22.24 | 16.59 | 0.046 | |
| | | | 1 | 49 | 22.21 | 16.56 | 0.045 | |
| | | | 25 | 0 | 20.79 | 15.14 | 0.033 | |
| | | | 25 | 12 | 20.80 | 15.15 | 0.033 | |
| | | | 25 | 25 | 20.58 | 14.93 | 0.031 | |
| | | | 50 | 0 | 20.89 | 15.24 | 0.033 | |
| | 844 | 20600 | 1 | 0 | 22.51 | 16.86 | 0.049 | |
| | | | 1 | 24 | 21.98 | 16.33 | 0.043 | |
| | | | 1 | 49 | 21.53 | 15.88 | 0.039 | |
| | | | 25 | 0 | 20.73 | 15.08 | 0.032 | |
| | | | 25 | 12 | 20.85 | 15.20 | 0.033 | |
| | | | 25 | 25 | 20.59 | 14.94 | 0.031 | |
| | | | 50 | 0 | 20.68 | 15.03 | 0.032 | |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/EIRP (dBm) | ERP/EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|----------------|--------------|
| 64QAM | 829 | 20450 | 10 | 1 | 0 | 20.66 | 15.01 | 0.032 |
| | | | | 1 | 24 | 20.62 | 14.97 | 0.031 |
| | | | | 1 | 49 | 20.55 | 14.90 | 0.031 |
| | | | | 25 | 0 | 19.66 | 14.01 | 0.025 |
| | | | | 25 | 12 | 19.71 | 14.06 | 0.025 |
| | | | | 25 | 25 | 19.66 | 14.01 | 0.025 |
| | | | | 50 | 0 | 19.71 | 14.06 | 0.025 |
| | 836.5 | 20525 | | 1 | 0 | 20.70 | 15.05 | 0.032 |
| | | | | 1 | 24 | 20.78 | 15.13 | 0.033 |
| | | | | 1 | 49 | 20.65 | 15.00 | 0.032 |
| | | | | 25 | 0 | 19.78 | 14.13 | 0.026 |
| | | | | 25 | 12 | 19.72 | 14.07 | 0.026 |
| | | | | 25 | 25 | 19.68 | 14.03 | 0.025 |
| | | | | 50 | 0 | 19.73 | 14.08 | 0.026 |
| | 844 | 20600 | | 1 | 0 | 20.59 | 14.94 | 0.031 |
| | | | | 1 | 24 | 20.58 | 14.93 | 0.031 |
| | | | | 1 | 49 | 20.57 | 14.92 | 0.031 |
| | | | | 25 | 0 | 19.66 | 14.01 | 0.025 |
| | | | | 25 | 12 | 19.72 | 14.07 | 0.026 |
| | | | | 25 | 25 | 19.70 | 14.05 | 0.025 |
| | | | | 50 | 0 | 19.78 | 14.13 | 0.026 |
| 256QAM | 829 | 20450 | 1 | 0 | 18.12 | 12.47 | 0.018 | |
| | | | 1 | 24 | 18.19 | 12.54 | 0.018 | |
| | | | 1 | 49 | 18.26 | 12.61 | 0.018 | |
| | | | 25 | 0 | 17.72 | 12.07 | 0.016 | |
| | | | 25 | 12 | 17.72 | 12.07 | 0.016 | |
| | | | 25 | 25 | 17.76 | 12.11 | 0.016 | |
| | | | 50 | 0 | 17.83 | 12.18 | 0.017 | |
| | 836.5 | 20525 | 1 | 0 | 18.11 | 12.46 | 0.018 | |
| | | | 1 | 24 | 18.2 | 12.55 | 0.018 | |
| | | | 1 | 49 | 18.11 | 12.46 | 0.018 | |
| | | | 25 | 0 | 17.7 | 12.05 | 0.016 | |
| | | | 25 | 12 | 17.78 | 12.13 | 0.016 | |
| | | | 25 | 25 | 17.5 | 11.85 | 0.015 | |
| | | | 50 | 0 | 17.82 | 12.17 | 0.016 | |
| | 844 | 20600 | 1 | 0 | 18.49 | 12.84 | 0.019 | |
| | | | 1 | 24 | 17.94 | 12.29 | 0.017 | |
| | | | 1 | 49 | 17.49 | 11.84 | 0.015 | |
| | | | 25 | 0 | 17.64 | 11.99 | 0.016 | |
| | | | 25 | 12 | 17.76 | 12.11 | 0.016 | |
| | | | 25 | 25 | 17.54 | 11.89 | 0.015 | |
| | | | 50 | 0 | 17.65 | 12.00 | 0.016 | |

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