## 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 | 23.39 |
| QPSK | 824.7 | 20407 | 1.4 | 1 | 3 | 23.46 |
| QPSK | 824.7 | 20407 | 1.4 | 1 | 5 | 23.45 |
| QPSK | 824.7 | 20407 | 1.4 | 3 | 0 | 23.56 |
| QPSK | 824.7 | 20407 | 1.4 | 3 | 1 | 23.59 |
| QPSK | 824.7 | 20407 | 1.4 | 3 | 3 | 23.54 |
| QPSK | 824.7 | 20407 | 1.4 | 6 | 0 | 22.48 |
| QPSK | 836.5 | 20525 | 1.4 | 1 | 0 | 23.45 |
| QPSK | 836.5 | 20525 | 1.4 | 1 | 3 | 23.36 |
| QPSK | 836.5 | 20525 | 1.4 | 1 | 5 | 23.38 |
| QPSK | 836.5 | 20525 | 1.4 | 3 | 0 | 23.56 |
| QPSK | 836.5 | 20525 | 1.4 | 3 | 1 | 23.61 |
| QPSK | 836.5 | 20525 | 1.4 | 3 | 3 | 23.56 |
| QPSK | 836.5 | 20525 | 1.4 | 6 | 0 | 22.44 |
| QPSK | 848.3 | 20643 | 1.4 | 1 | 0 | 23.62 |
| QPSK | 848.3 | 20643 | 1.4 | 1 | 3 | 23.74 |
| QPSK | 848.3 | 20643 | 1.4 | 1 | 5 | 23.72 |
| QPSK | 848.3 | 20643 | 1.4 | 3 | 0 | 23.60 |
| QPSK | 848.3 | 20643 | 1.4 | 3 | 1 | 23.70 |
| QPSK | 848.3 | 20643 | 1.4 | 3 | 3 | 23.58 |
| QPSK | 848.3 | 20643 | 1.4 | 6 | 0 | 22.65 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|---|---|---|---|---|---|---|
| 16QAM | 824.7 | 20407 | 1.4 | 1 | 0 | 22.81 |
| 16QAM | 824.7 | 20407 | 1.4 | 1 | 3 | 22.85 |
| 16QAM | 824.7 | 20407 | 1.4 | 1 | 5 | 22.98 |
| 16QAM | 824.7 | 20407 | 1.4 | 3 | 0 | 22.78 |
| 16QAM | 824.7 | 20407 | 1.4 | 3 | 1 | 22.87 |
| 16QAM | 824.7 | 20407 | 1.4 | 3 | 3 | 23.05 |
| 16QAM | 824.7 | 20407 | 1.4 | 6 | 0 | 21.58 |
| 16QAM | 836.5 | 20525 | 1.4 | 1 | 0 | 23.69 |
| 16QAM | 836.5 | 20525 | 1.4 | 1 | 3 | 23.02 |
| 16QAM | 836.5 | 20525 | 1.4 | 1 | 5 | 23.57 |
| 16QAM | 836.5 | 20525 | 1.4 | 3 | 0 | 22.95 |
| 16QAM | 836.5 | 20525 | 1.4 | 3 | 1 | 23.03 |
| 16QAM | 836.5 | 20525 | 1.4 | 3 | 3 | 23.04 |
| 16QAM | 836.5 | 20525 | 1.4 | 6 | 0 | 21.33 |
| 16QAM | 848.3 | 20643 | 1.4 | 1 | 0 | 22.68 |
| 16QAM | 848.3 | 20643 | 1.4 | 1 | 3 | 22.98 |
| 16QAM | 848.3 | 20643 | 1.4 | 1 | 5 | 22.06 |

| | | | | | | |
|---|---|---|---|---|---|---|
| 16QAM | 848.3 | 20643 | 1.4 | 3 | 0 | 22.90 |
| 16QAM | 848.3 | 20643 | 1.4 | 3 | 1 | 23.07 |
| 16QAM | 848.3 | 20643 | 1.4 | 3 | 3 | 22.93 |
| 16QAM | 848.3 | 20643 | 1.4 | 6 | 0 | 21.46 |
| 64QAM | 824.7 | 20407 | 1.4 | 1 | 0 | 21.27 |
| 64QAM | 824.7 | 20407 | 1.4 | 1 | 3 | 21.63 |
| 64QAM | 824.7 | 20407 | 1.4 | 1 | 5 | 21.43 |
| 64QAM | 824.7 | 20407 | 1.4 | 3 | 0 | 21.60 |
| 64QAM | 824.7 | 20407 | 1.4 | 3 | 1 | 21.52 |
| 64QAM | 824.7 | 20407 | 1.4 | 3 | 3 | 21.35 |
| 64QAM | 824.7 | 20407 | 1.4 | 6 | 0 | 20.12 |
| 64QAM | 836.5 | 20525 | 1.4 | 1 | 0 | 21.58 |
| 64QAM | 836.5 | 20525 | 1.4 | 1 | 3 | 21.88 |
| 64QAM | 836.5 | 20525 | 1.4 | 1 | 5 | 21.33 |
| 64QAM | 836.5 | 20525 | 1.4 | 3 | 0 | 21.69 |
| 64QAM | 836.5 | 20525 | 1.4 | 3 | 1 | 21.68 |
| 64QAM | 836.5 | 20525 | 1.4 | 3 | 3 | 21.51 |
| 64QAM | 836.5 | 20525 | 1.4 | 6 | 0 | 20.21 |
| 64QAM | 848.3 | 20643 | 1.4 | 1 | 0 | 22.16 |
| 64QAM | 848.3 | 20643 | 1.4 | 1 | 3 | 22.22 |
| 64QAM | 848.3 | 20643 | 1.4 | 1 | 5 | 21.80 |
| 64QAM | 848.3 | 20643 | 1.4 | 3 | 0 | 21.61 |
| 64QAM | 848.3 | 20643 | 1.4 | 3 | 1 | 21.67 |
| 64QAM | 848.3 | 20643 | 1.4 | 3 | 3 | 21.41 |
| 64QAM | 848.3 | 20643 | 1.4 | 6 | 0 | 20.25 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|---|---|---|---|---|---|---|
| QPSK | 825.5 | 20415 | 3 | 1 | 0 | 23.62 |
| QPSK | 825.5 | 20415 | 3 | 1 | 8 | 23.51 |
| QPSK | 825.5 | 20415 | 3 | 1 | 14 | 23.34 |
| QPSK | 825.5 | 20415 | 3 | 8 | 0 | 22.64 |
| QPSK | 825.5 | 20415 | 3 | 8 | 4 | 22.55 |
| QPSK | 825.5 | 20415 | 3 | 8 | 7 | 22.50 |
| QPSK | 825.5 | 20415 | 3 | 15 | 0 | 22.51 |
| QPSK | 836.5 | 20525 | 3 | 1 | 0 | 23.73 |
| QPSK | 836.5 | 20525 | 3 | 1 | 8 | 23.57 |
| QPSK | 836.5 | 20525 | 3 | 1 | 14 | 23.41 |
| QPSK | 836.5 | 20525 | 3 | 8 | 0 | 22.26 |
| QPSK | 836.5 | 20525 | 3 | 8 | 4 | 22.61 |
| QPSK | 836.5 | 20525 | 3 | 8 | 7 | 22.49 |
| QPSK | 836.5 | 20525 | 3 | 15 | 0 | 22.46 |
| QPSK | 847.5 | 20635 | 3 | 1 | 0 | 23.53 |
| QPSK | 847.5 | 20635 | 3 | 1 | 8 | 23.51 |
| QPSK | 847.5 | 20635 | 3 | 1 | 14 | 23.46 |
| QPSK | 847.5 | 20635 | 3 | 8 | 0 | 22.71 |

| | | | | | | |
|---|---|---|---|---|---|---|
| QPSK | 847.5 | 20635 | 3 | 8 | 4 | 22.57 |
| QPSK | 847.5 | 20635 | 3 | 8 | 7 | 22.68 |
| QPSK | 847.5 | 20635 | 3 | 15 | 0 | 22.54 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|---|---|---|---|---|---|---|
| 16QAM | 825.5 | 20415 | 3 | 1 | 0 | 23.09 |
| 16QAM | 825.5 | 20415 | 3 | 1 | 8 | 23.14 |
| 16QAM | 825.5 | 20415 | 3 | 1 | 14 | 23.26 |
| 16QAM | 825.5 | 20415 | 3 | 8 | 0 | 21.86 |
| 16QAM | 825.5 | 20415 | 3 | 8 | 4 | 21.91 |
| 16QAM | 825.5 | 20415 | 3 | 8 | 7 | 21.87 |
| 16QAM | 825.5 | 20415 | 3 | 15 | 0 | 21.66 |
| 16QAM | 836.5 | 20525 | 3 | 1 | 0 | 23.59 |
| 16QAM | 836.5 | 20525 | 3 | 1 | 8 | 22.99 |
| 16QAM | 836.5 | 20525 | 3 | 1 | 14 | 23.12 |
| 16QAM | 836.5 | 20525 | 3 | 8 | 0 | 21.78 |
| 16QAM | 836.5 | 20525 | 3 | 8 | 4 | 21.87 |
| 16QAM | 836.5 | 20525 | 3 | 8 | 7 | 21.73 |
| 16QAM | 836.5 | 20525 | 3 | 15 | 0 | 21.67 |
| 16QAM | 847.5 | 20635 | 3 | 1 | 0 | 23.38 |
| 16QAM | 847.5 | 20635 | 3 | 1 | 8 | 23.58 |
| 16QAM | 847.5 | 20635 | 3 | 1 | 14 | 23.43 |
| 16QAM | 847.5 | 20635 | 3 | 8 | 0 | 21.93 |
| 16QAM | 847.5 | 20635 | 3 | 8 | 4 | 21.93 |
| 16QAM | 847.5 | 20635 | 3 | 8 | 7 | 21.86 |
| 16QAM | 847.5 | 20635 | 3 | 15 | 0 | 21.77 |
| 64QAM | 825.5 | 20415 | 3 | 1 | 0 | 21.62 |
| 64QAM | 825.5 | 20415 | 3 | 1 | 8 | 21.73 |
| 64QAM | 825.5 | 20415 | 3 | 1 | 14 | 21.56 |
| 64QAM | 825.5 | 20415 | 3 | 8 | 0 | 19.95 |
| 64QAM | 825.5 | 20415 | 3 | 8 | 4 | 20.09 |
| 64QAM | 825.5 | 20415 | 3 | 8 | 7 | 20.03 |
| 64QAM | 825.5 | 20415 | 3 | 15 | 0 | 20.30 |
| 64QAM | 836.5 | 20525 | 3 | 1 | 0 | 22.53 |
| 64QAM | 836.5 | 20525 | 3 | 1 | 8 | 22.29 |
| 64QAM | 836.5 | 20525 | 3 | 1 | 14 | 21.88 |
| 64QAM | 836.5 | 20525 | 3 | 8 | 0 | 19.97 |
| 64QAM | 836.5 | 20525 | 3 | 8 | 4 | 20.25 |
| 64QAM | 836.5 | 20525 | 3 | 8 | 7 | 20.26 |
| 64QAM | 836.5 | 20525 | 3 | 15 | 0 | 20.30 |
| 64QAM | 847.5 | 20635 | 3 | 1 | 0 | 21.96 |
| 64QAM | 847.5 | 20635 | 3 | 1 | 8 | 21.64 |
| 64QAM | 847.5 | 20635 | 3 | 1 | 14 | 21.82 |
| 64QAM | 847.5 | 20635 | 3 | 8 | 0 | 20.10 |
| 64QAM | 847.5 | 20635 | 3 | 8 | 4 | 20.27 |

| | | | | | | |
|---|---|---|---|---|---|---|
| 64QAM | 847.5 | 20635 | 3 | 8 | 7 | 20.23 |
| 64QAM | 847.5 | 20635 | 3 | 15 | 0 | 20.38 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|---|---|---|---|---|---|---|
| QPSK | 826.5 | 20425 | 5 | 1 | 0 | 23.36 |
| QPSK | 826.5 | 20425 | 5 | 1 | 12 | 23.54 |
| QPSK | 826.5 | 20425 | 5 | 1 | 24 | 23.58 |
| QPSK | 826.5 | 20425 | 5 | 12 | 0 | 22.54 |
| QPSK | 826.5 | 20425 | 5 | 12 | 7 | 22.36 |
| QPSK | 826.5 | 20425 | 5 | 12 | 13 | 22.60 |
| QPSK | 826.5 | 20425 | 5 | 25 | 0 | 22.32 |
| QPSK | 836.5 | 20525 | 5 | 1 | 0 | 23.58 |
| QPSK | 836.5 | 20525 | 5 | 1 | 12 | 23.48 |
| QPSK | 836.5 | 20525 | 5 | 1 | 24 | 23.59 |
| QPSK | 836.5 | 20525 | 5 | 12 | 0 | 22.53 |
| QPSK | 836.5 | 20525 | 5 | 12 | 7 | 22.60 |
| QPSK | 836.5 | 20525 | 5 | 12 | 13 | 22.52 |
| QPSK | 836.5 | 20525 | 5 | 25 | 0 | 22.48 |
| QPSK | 846.5 | 20625 | 5 | 1 | 0 | 23.83 |
| QPSK | 846.5 | 20625 | 5 | 1 | 12 | 23.89 |
| QPSK | 846.5 | 20625 | 5 | 1 | 24 | 23.97 |
| QPSK | 846.5 | 20625 | 5 | 12 | 0 | 22.62 |
| QPSK | 846.5 | 20625 | 5 | 12 | 7 | 22.65 |
| QPSK | 846.5 | 20625 | 5 | 12 | 13 | 22.52 |
| QPSK | 846.5 | 20625 | 5 | 25 | 0 | 22.74 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|---|---|---|---|---|---|---|
| 16QAM | 826.5 | 20425 | 5 | 1 | 0 | 23.03 |
| 16QAM | 826.5 | 20425 | 5 | 1 | 12 | 23.10 |
| 16QAM | 826.5 | 20425 | 5 | 1 | 24 | 22.89 |
| 16QAM | 826.5 | 20425 | 5 | 12 | 0 | 21.62 |
| 16QAM | 826.5 | 20425 | 5 | 12 | 7 | 21.57 |
| 16QAM | 826.5 | 20425 | 5 | 12 | 13 | 21.57 |
| 16QAM | 826.5 | 20425 | 5 | 25 | 0 | 21.60 |
| 16QAM | 836.5 | 20525 | 5 | 1 | 0 | 23.50 |
| 16QAM | 836.5 | 20525 | 5 | 1 | 12 | 23.61 |
| 16QAM | 836.5 | 20525 | 5 | 1 | 24 | 23.22 |
| 16QAM | 836.5 | 20525 | 5 | 12 | 0 | 21.68 |
| 16QAM | 836.5 | 20525 | 5 | 12 | 7 | 21.85 |
| 16QAM | 836.5 | 20525 | 5 | 12 | 13 | 21.89 |
| 16QAM | 836.5 | 20525 | 5 | 25 | 0 | 21.49 |
| 16QAM | 846.5 | 20625 | 5 | 1 | 0 | 22.92 |
| 16QAM | 846.5 | 20625 | 5 | 1 | 12 | 23.15 |
| 16QAM | 846.5 | 20625 | 5 | 1 | 24 | 22.90 |

| | | | | | | |
|---|---|---|---|---|---|---|
| 16QAM | 846.5 | 20625 | 5 | 12 | 0 | 21.72 |
| 16QAM | 846.5 | 20625 | 5 | 12 | 7 | 21.85 |
| 16QAM | 846.5 | 20625 | 5 | 12 | 13 | 21.85 |
| 16QAM | 846.5 | 20625 | 5 | 25 | 0 | 21.97 |
| 64QAM | 826.5 | 20425 | 5 | 1 | 0 | 21.70 |
| 64QAM | 826.5 | 20425 | 5 | 1 | 12 | 21.64 |
| 64QAM | 826.5 | 20425 | 5 | 1 | 24 | 20.97 |
| 64QAM | 826.5 | 20425 | 5 | 12 | 0 | 20.43 |
| 64QAM | 826.5 | 20425 | 5 | 12 | 7 | 20.04 |
| 64QAM | 826.5 | 20425 | 5 | 12 | 13 | 20.08 |
| 64QAM | 826.5 | 20425 | 5 | 25 | 0 | 20.06 |
| 64QAM | 836.5 | 20525 | 5 | 1 | 0 | 21.51 |
| 64QAM | 836.5 | 20525 | 5 | 1 | 12 | 21.77 |
| 64QAM | 836.5 | 20525 | 5 | 1 | 24 | 21.88 |
| 64QAM | 836.5 | 20525 | 5 | 12 | 0 | 20.02 |
| 64QAM | 836.5 | 20525 | 5 | 12 | 7 | 20.14 |
| 64QAM | 836.5 | 20525 | 5 | 12 | 13 | 20.15 |
| 64QAM | 836.5 | 20525 | 5 | 25 | 0 | 20.19 |
| 64QAM | 846.5 | 20625 | 5 | 1 | 0 | 22.31 |
| 64QAM | 846.5 | 20625 | 5 | 1 | 12 | 22.53 |
| 64QAM | 846.5 | 20625 | 5 | 1 | 24 | 22.03 |
| 64QAM | 846.5 | 20625 | 5 | 12 | 0 | 20.39 |
| 64QAM | 846.5 | 20625 | 5 | 12 | 7 | 20.41 |
| 64QAM | 846.5 | 20625 | 5 | 12 | 13 | 20.16 |
| 64QAM | 846.5 | 20625 | 5 | 25 | 0 | 20.62 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|---|---|---|---|---|---|---|
| QPSK | 829 | 20450 | 10 | 1 | 0 | 23.86 |
| QPSK | 829 | 20450 | 10 | 1 | 25 | 23.87 |
| QPSK | 829 | 20450 | 10 | 1 | 49 | 23.75 |
| QPSK | 829 | 20450 | 10 | 25 | 0 | 22.47 |
| QPSK | 829 | 20450 | 10 | 25 | 12 | 22.54 |
| QPSK | 829 | 20450 | 10 | 25 | 25 | 22.33 |
| QPSK | 829 | 20450 | 10 | 50 | 0 | 22.55 |
| QPSK | 836.5 | 20525 | 10 | 1 | 0 | 23.91 |
| QPSK | 836.5 | 20525 | 10 | 1 | 25 | 23.52 |
| QPSK | 836.5 | 20525 | 10 | 1 | 49 | 23.60 |
| QPSK | 836.5 | 20525 | 10 | 25 | 0 | 22.60 |
| QPSK | 836.5 | 20525 | 10 | 25 | 12 | 22.52 |
| QPSK | 836.5 | 20525 | 10 | 25 | 25 | 22.49 |
| QPSK | 836.5 | 20525 | 10 | 50 | 0 | 22.45 |
| QPSK | 844 | 20600 | 10 | 1 | 0 | 23.57 |
| QPSK | 844 | 20600 | 10 | 1 | 25 | 23.76 |
| QPSK | 844 | 20600 | 10 | 1 | 49 | 23.69 |
| QPSK | 844 | 20600 | 10 | 25 | 0 | 22.46 |

| | | | | | | |
|---|---|---|---|---|---|---|
| QPSK | 844 | 20600 | 10 | 25 | 12 | 22.61 |
| QPSK | 844 | 20600 | 10 | 25 | 25 | 22.74 |
| QPSK | 844 | 20600 | 10 | 50 | 0 | 22.53 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|---|---|---|---|---|---|---|
| 16QAM | 829 | 20450 | 10 | 1 | 0 | 23.09 |
| 16QAM | 829 | 20450 | 10 | 1 | 25 | 22.73 |
| 16QAM | 829 | 20450 | 10 | 1 | 49 | 23.03 |
| 16QAM | 829 | 20450 | 10 | 25 | 0 | 21.85 |
| 16QAM | 829 | 20450 | 10 | 25 | 12 | 21.78 |
| 16QAM | 829 | 20450 | 10 | 25 | 25 | 21.97 |
| 16QAM | 829 | 20450 | 10 | 50 | 0 | 21.55 |
| 16QAM | 836.5 | 20525 | 10 | 1 | 0 | 23.12 |
| 16QAM | 836.5 | 20525 | 10 | 1 | 25 | 22.97 |
| 16QAM | 836.5 | 20525 | 10 | 1 | 49 | 23.22 |
| 16QAM | 836.5 | 20525 | 10 | 25 | 0 | 21.67 |
| 16QAM | 836.5 | 20525 | 10 | 25 | 12 | 21.75 |
| 16QAM | 836.5 | 20525 | 10 | 25 | 25 | 21.54 |
| 16QAM | 836.5 | 20525 | 10 | 50 | 0 | 21.56 |
| 16QAM | 844 | 20600 | 10 | 1 | 0 | 23.09 |
| 16QAM | 844 | 20600 | 10 | 1 | 25 | 23.51 |
| 16QAM | 844 | 20600 | 10 | 1 | 49 | 23.29 |
| 16QAM | 844 | 20600 | 10 | 25 | 0 | 21.54 |
| 16QAM | 844 | 20600 | 10 | 25 | 12 | 21.69 |
| 16QAM | 844 | 20600 | 10 | 25 | 25 | 21.73 |
| 16QAM | 844 | 20600 | 10 | 50 | 0 | 21.78 |
| 64QAM | 829 | 20450 | 10 | 1 | 0 | 21.48 |
| 64QAM | 829 | 20450 | 10 | 1 | 25 | 21.97 |
| 64QAM | 829 | 20450 | 10 | 1 | 49 | 21.44 |
| 64QAM | 829 | 20450 | 10 | 25 | 0 | 20.08 |
| 64QAM | 829 | 20450 | 10 | 25 | 12 | 20.52 |
| 64QAM | 829 | 20450 | 10 | 25 | 25 | 20.18 |
| 64QAM | 829 | 20450 | 10 | 50 | 0 | 20.04 |
| 64QAM | 836.5 | 20525 | 10 | 1 | 0 | 21.57 |
| 64QAM | 836.5 | 20525 | 10 | 1 | 25 | 21.30 |
| 64QAM | 836.5 | 20525 | 10 | 1 | 49 | 21.97 |
| 64QAM | 836.5 | 20525 | 10 | 25 | 0 | 20.16 |
| 64QAM | 836.5 | 20525 | 10 | 25 | 12 | 20.10 |
| 64QAM | 836.5 | 20525 | 10 | 25 | 25 | 20.24 |
| 64QAM | 836.5 | 20525 | 10 | 50 | 0 | 20.09 |
| 64QAM | 844 | 20600 | 10 | 1 | 0 | 21.67 |
| 64QAM | 844 | 20600 | 10 | 1 | 25 | 21.73 |
| 64QAM | 844 | 20600 | 10 | 1 | 49 | 21.33 |
| 64QAM | 844 | 20600 | 10 | 25 | 0 | 20.20 |
| 64QAM | 844 | 20600 | 10 | 25 | 12 | 20.30 |

| | | | | | | |
|---|---|---|---|---|---|---|
| 64QAM | 844 | 20600 | 10 | 25 | 25 | 20.13 |
| 64QAM | 844 | 20600 | 10 | 50 | 0 | 20.22 |

## 2 Occupied Bandwidth

| Band | Mode | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of 99% Power (MHz) | |
|---|---|---|---|---|---|---|---|---|
| 5 | QPSK | 824.7 | 20407 | 1.4 | 6 | 0 | 1.080 | Fig.1 |
| 5 | QPSK | 836.5 | 20525 | 1.4 | 6 | 0 | 1.080 | Fig.2 |
| 5 | QPSK | 848.3 | 20643 | 1.4 | 6 | 0 | 1.070 | Fig.3 |
| 5 | QPSK | 825.5 | 20415 | 3 | 15 | 0 | 2.680 | Fig.4 |
| 5 | QPSK | 836.5 | 20525 | 3 | 15 | 0 | 2.670 | Fig.5 |
| 5 | QPSK | 847.5 | 20635 | 3 | 15 | 0 | 2.680 | Fig.6 |
| 5 | QPSK | 826.5 | 20425 | 5 | 25 | 0 | 4.460 | Fig.7 |
| 5 | QPSK | 836.5 | 20525 | 5 | 25 | 0 | 4.450 | Fig.8 |
| 5 | QPSK | 846.5 | 20625 | 5 | 25 | 0 | 4.470 | Fig.9 |
| 5 | QPSK | 829 | 20450 | 10 | 50 | 0 | 8.930 | Fig.10 |
| 5 | QPSK | 836.5 | 20525 | 10 | 50 | 0 | 8.900 | Fig.11 |
| 5 | QPSK | 844 | 20600 | 10 | 50 | 0 | 8.900 | Fig.12 |

| Band | Mode | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of 99% Power (MHz) | |
|---|---|---|---|---|---|---|---|---|
| 5 | 16QAM | 824.7 | 20407 | 1.4 | 6 | 0 | 1.080 | Fig.13 |
| 5 | 16QAM | 836.5 | 20525 | 1.4 | 6 | 0 | 1.080 | Fig.14 |
| 5 | 16QAM | 848.3 | 20643 | 1.4 | 6 | 0 | 1.080 | Fig.15 |
| 5 | 16QAM | 825.5 | 20415 | 3 | 15 | 0 | 2.670 | Fig.16 |
| 5 | 16QAM | 836.5 | 20525 | 3 | 15 | 0 | 2.670 | Fig.17 |
| 5 | 16QAM | 847.5 | 20635 | 3 | 15 | 0 | 2.670 | Fig.18 |
| 5 | 16QAM | 826.5 | 20425 | 5 | 25 | 0 | 4.460 | Fig.19 |
| 5 | 16QAM | 836.5 | 20525 | 5 | 25 | 0 | 4.460 | Fig.20 |
| 5 | 16QAM | 846.5 | 20625 | 5 | 25 | 0 | 4.450 | Fig.21 |
| 5 | 16QAM | 829 | 20450 | 10 | 50 | 0 | 8.910 | Fig.22 |
| 5 | 16QAM | 836.5 | 20525 | 10 | 50 | 0 | 8.920 | Fig.23 |
| 5 | 16QAM | 844 | 20600 | 10 | 50 | 0 | 8.910 | Fig.24 |

| Band | Mode | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of 99% Power (MHz) | |
|---|---|---|---|---|---|---|---|---|
| 5 | 64QAM | 824.7 | 20407 | 1.4 | 6 | 0 | 1.070 | Fig.25 |
| 5 | 64QAM | 836.5 | 20525 | 1.4 | 6 | 0 | 1.080 | Fig.26 |
| 5 | 64QAM | 848.3 | 20643 | 1.4 | 6 | 0 | 1.080 | Fig.27 |
| 5 | 64QAM | 825.5 | 20415 | 3 | 15 | 0 | 2.680 | Fig.28 |
| 5 | 64QAM | 836.5 | 20525 | 3 | 15 | 0 | 2.680 | Fig.29 |
| 5 | 64QAM | 847.5 | 20635 | 3 | 15 | 0 | 2.680 | Fig.30 |
| 5 | 64QAM | 826.5 | 20425 | 5 | 25 | 0 | 4.450 | Fig.31 |
| 5 | 64QAM | 836.5 | 20525 | 5 | 25 | 0 | 4.460 | Fig.32 |
| 5 | 64QAM | 846.5 | 20625 | 5 | 25 | 0 | 4.450 | Fig.33 |
| 5 | 64QAM | 829 | 20450 | 10 | 50 | 0 | 8.930 | Fig.34 |
| 5 | 64QAM | 836.5 | 20525 | 10 | 50 | 0 | 8.940 | Fig.35 |
| 5 | 64QAM | 844 | 20600 | 10 | 50 | 0 | 8.920 | Fig.36 |

Test Mode: QPSK

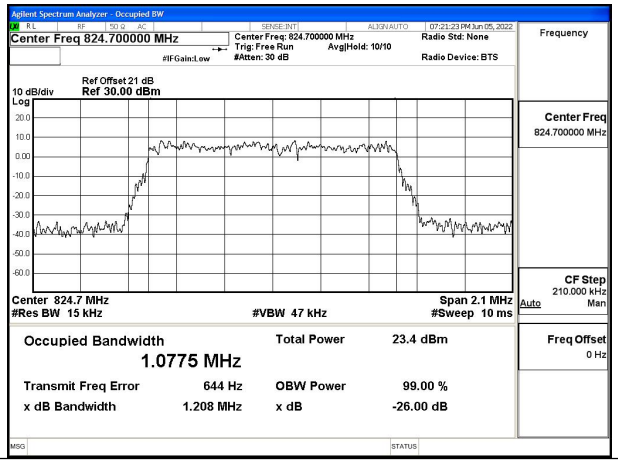


Fig.1

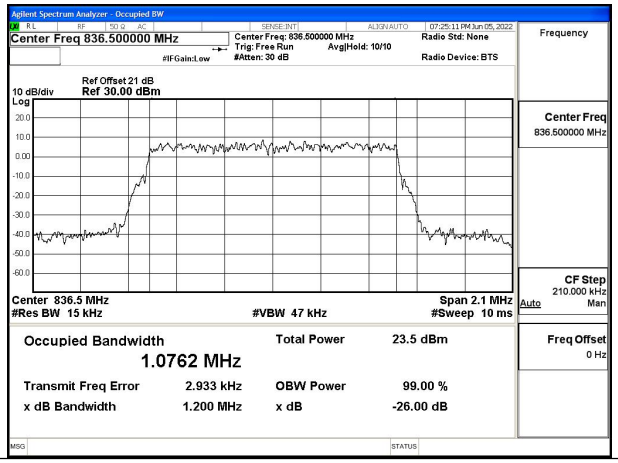


Fig.2

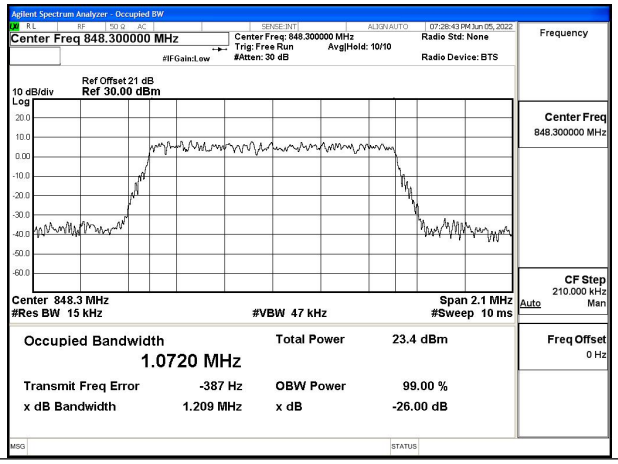


Fig.3

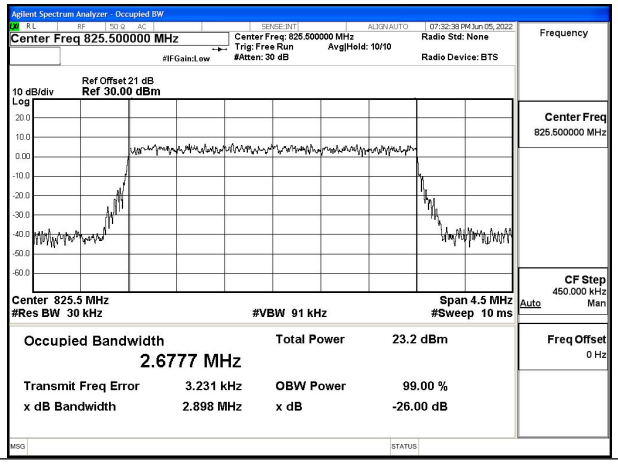


Fig.4

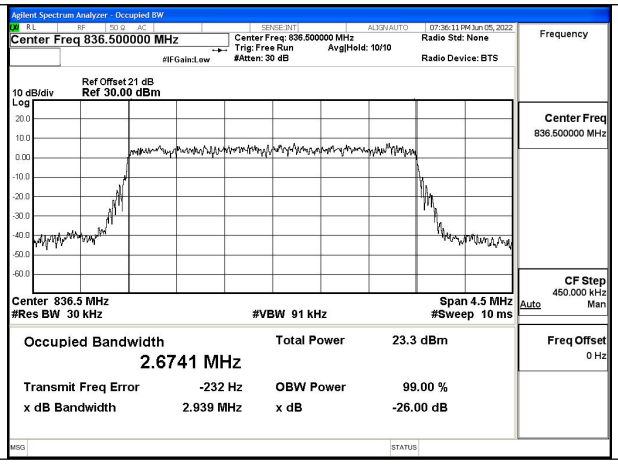


Fig.5

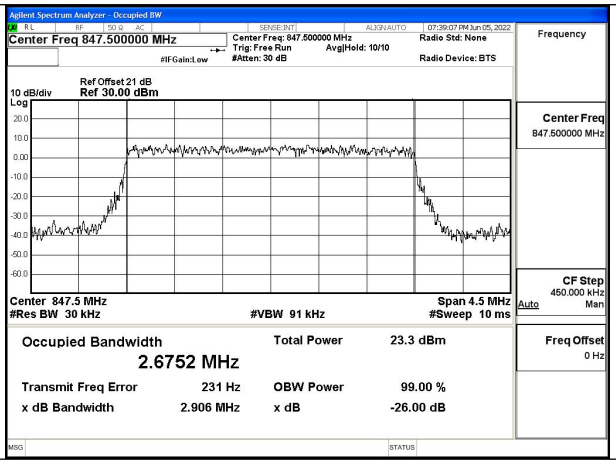


Fig.6

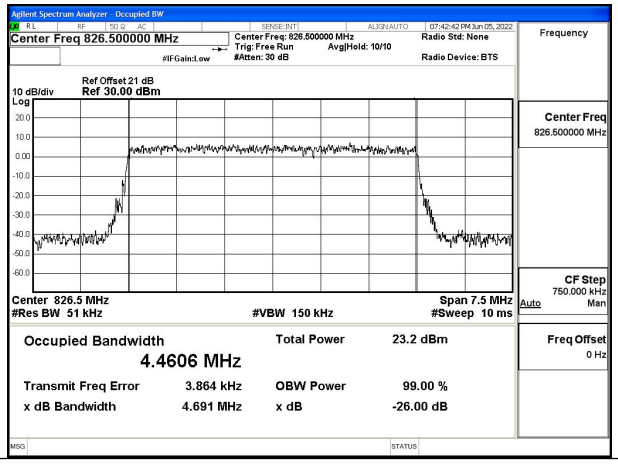


Fig.7

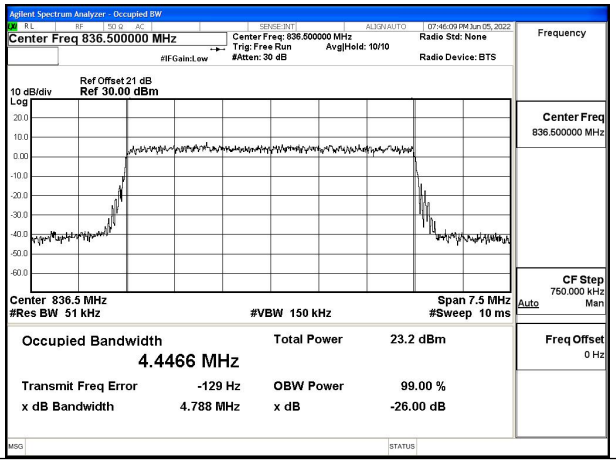


Fig.8

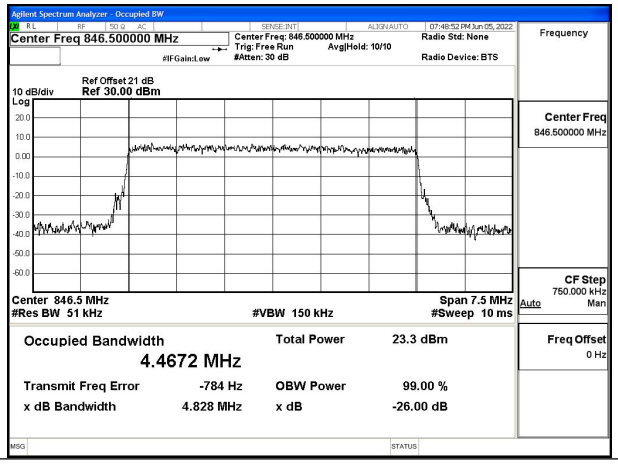


Fig.9

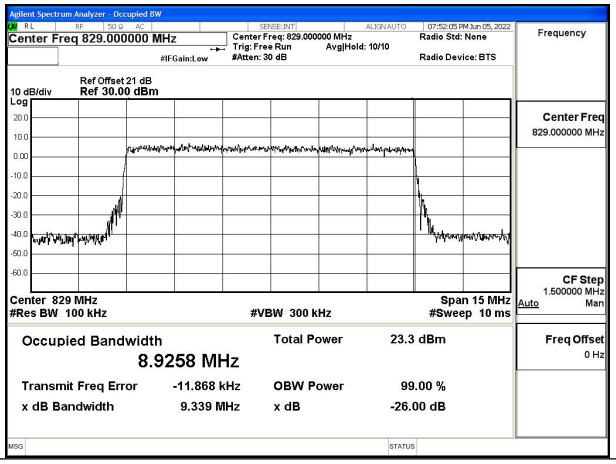


Fig.10

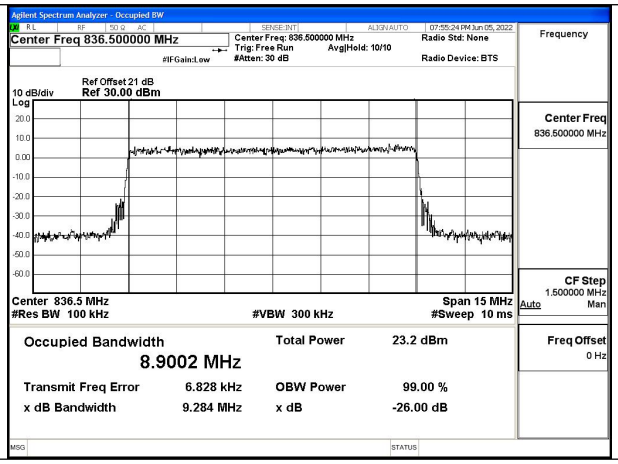


Fig.11

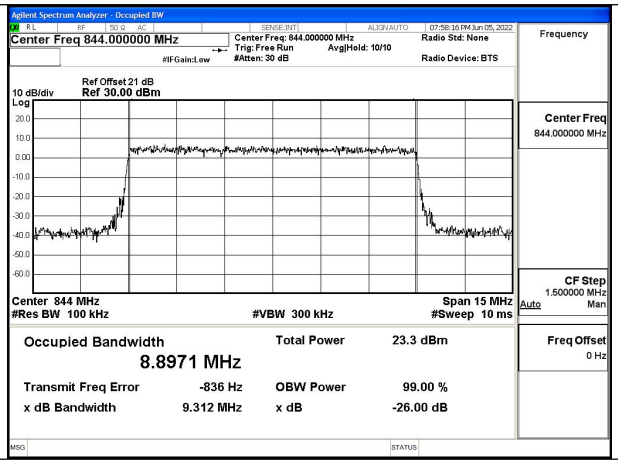


Fig.12

Test Mode: 16QAM

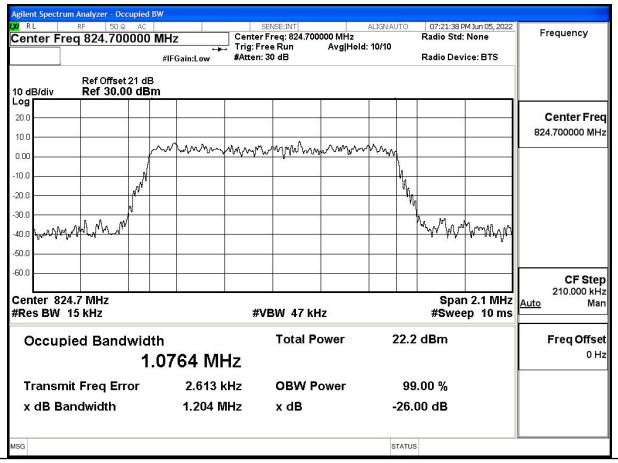


Fig.13

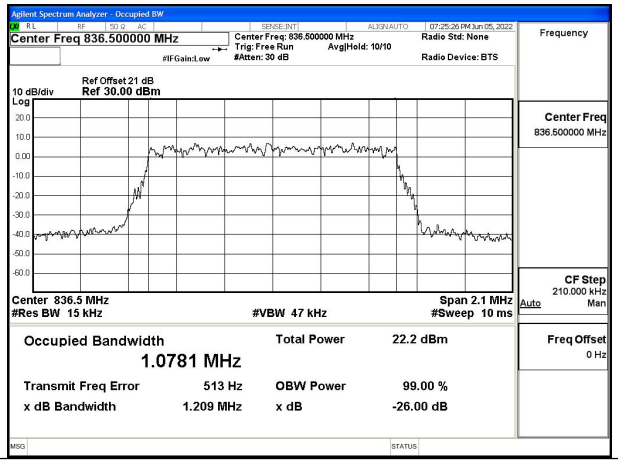


Fig.14

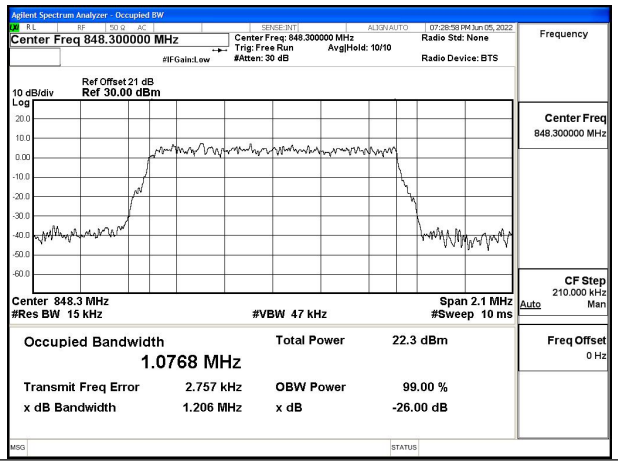


Fig.15

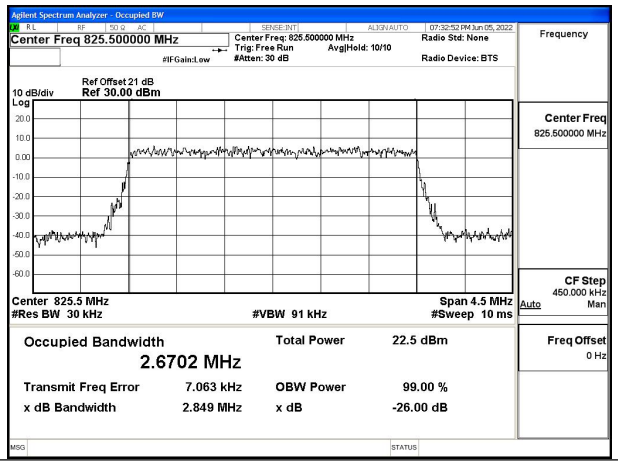


Fig.16

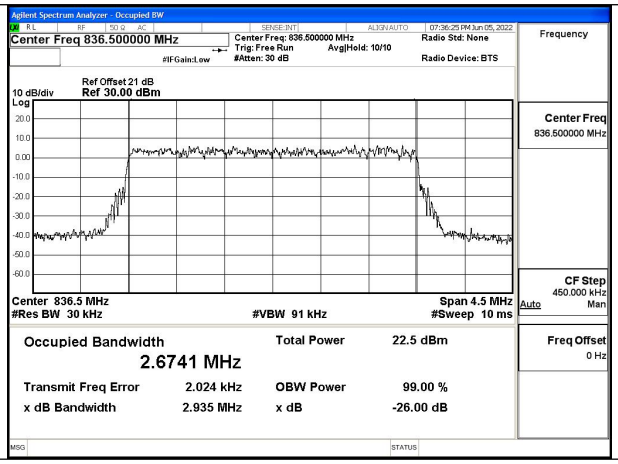


Fig.17

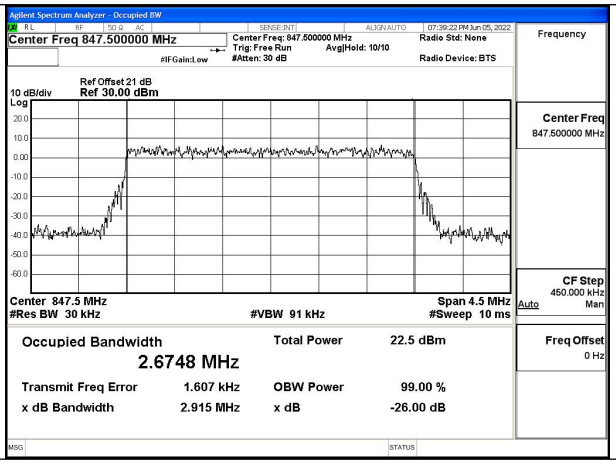


Fig.18

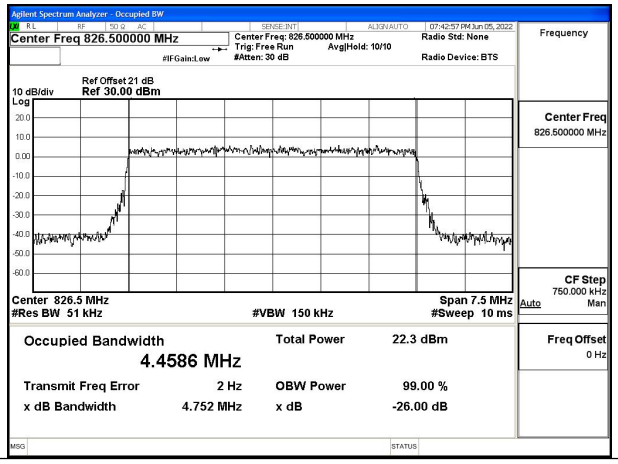


Fig.19

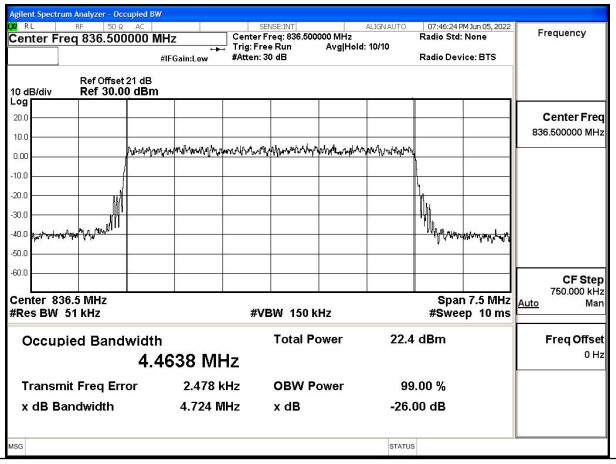


Fig.20

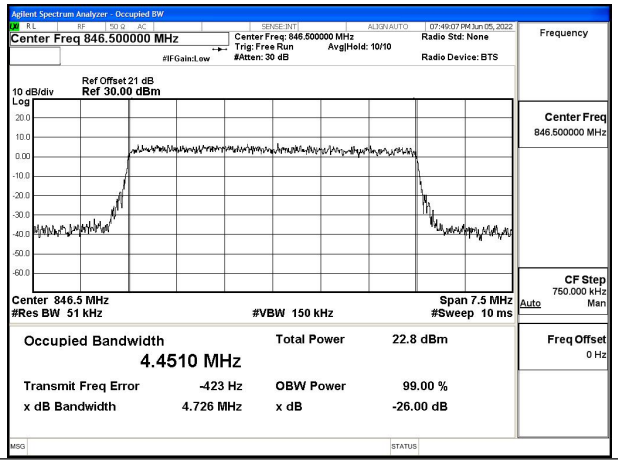


Fig.21

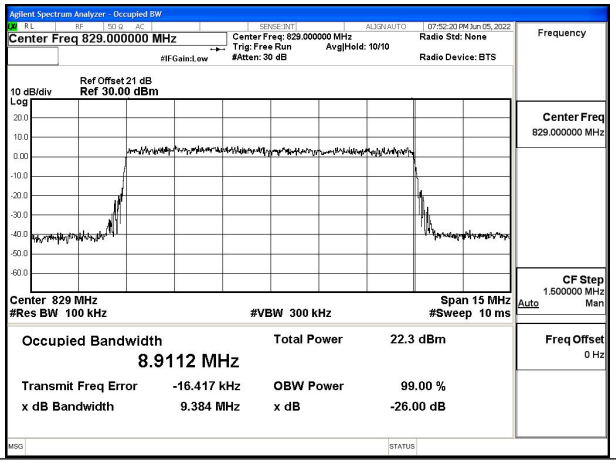


Fig.22

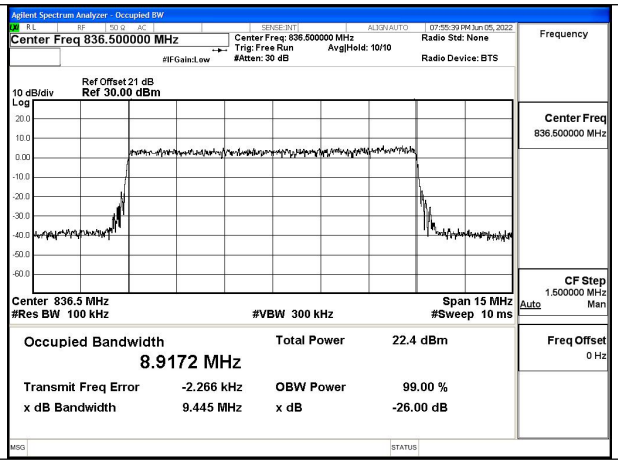


Fig.23

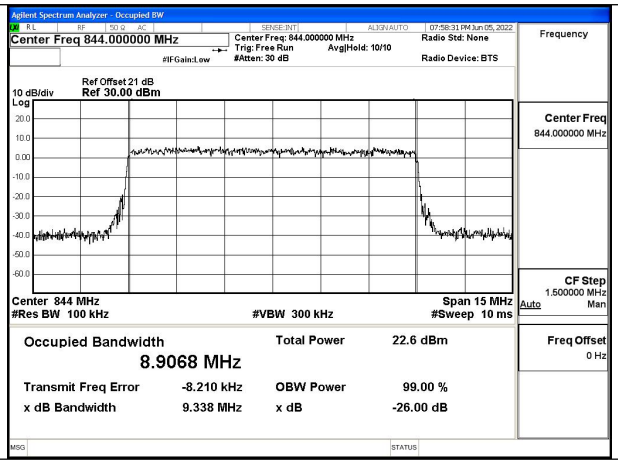


Fig.24

Test Mode: 64QAM

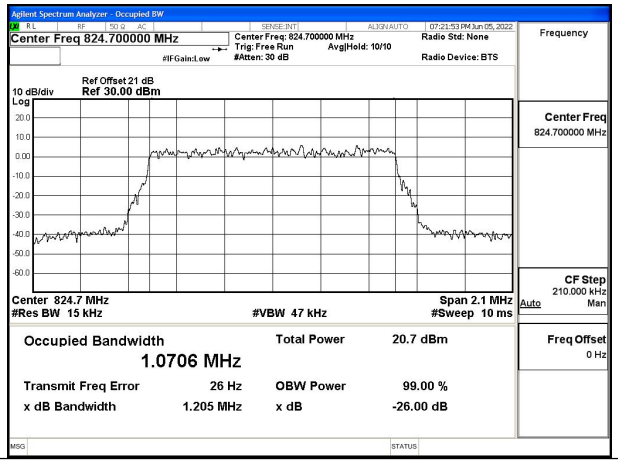


Fig.25

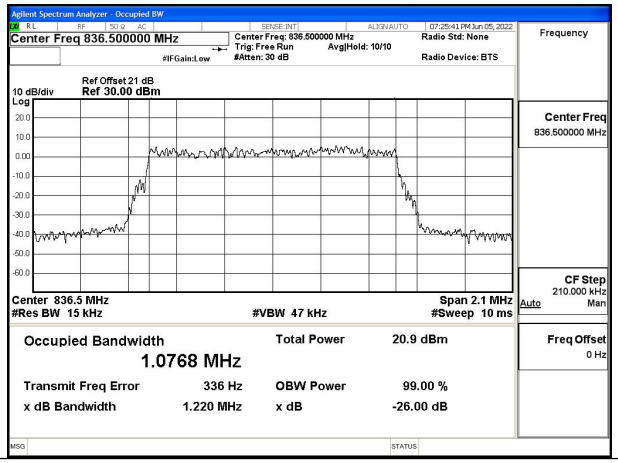


Fig.26

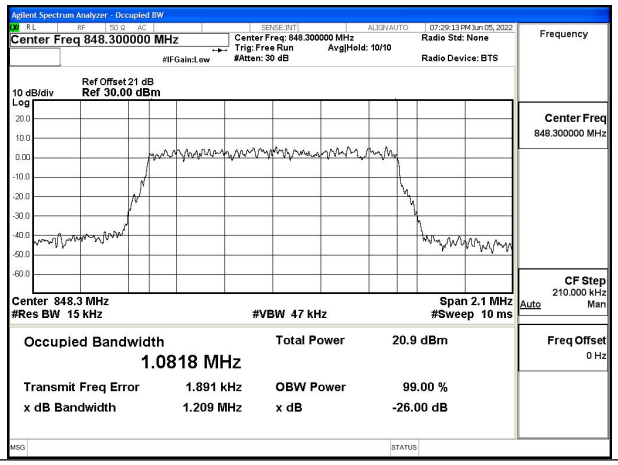


Fig.27

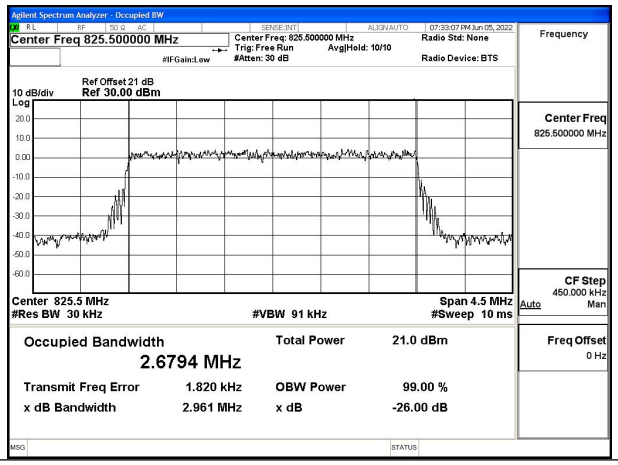


Fig.28

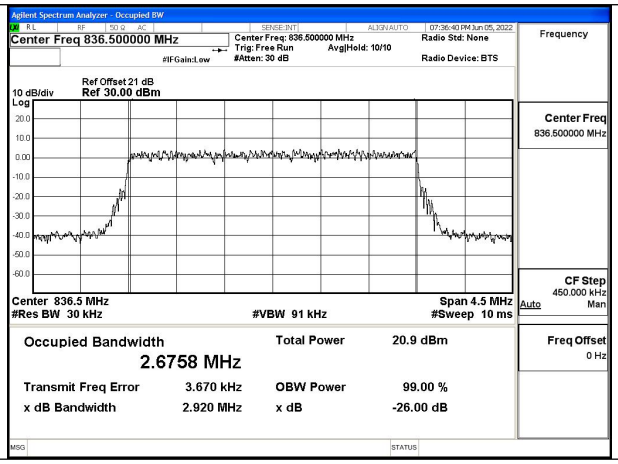


Fig.29

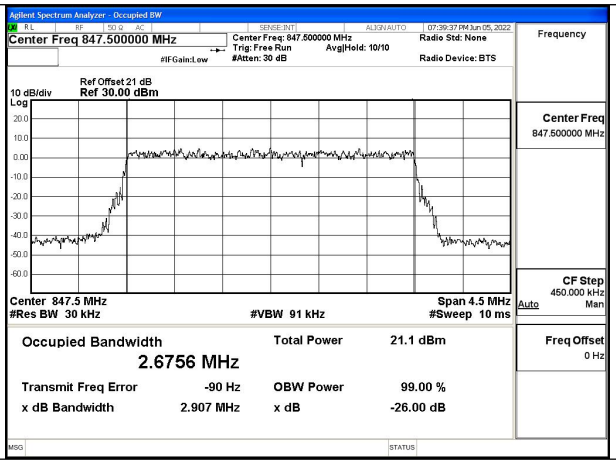


Fig.30

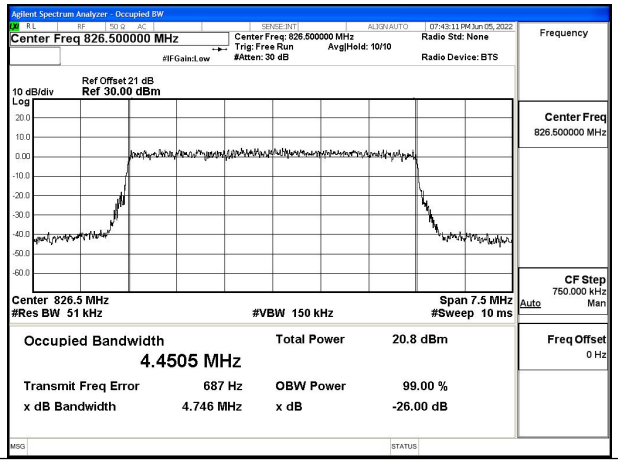


Fig.31

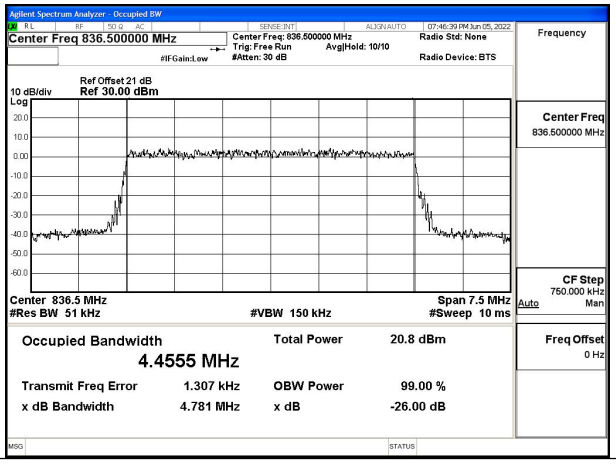


Fig.32

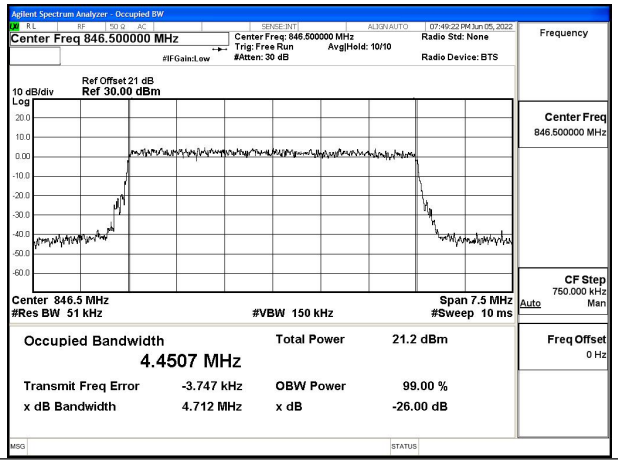


Fig.33

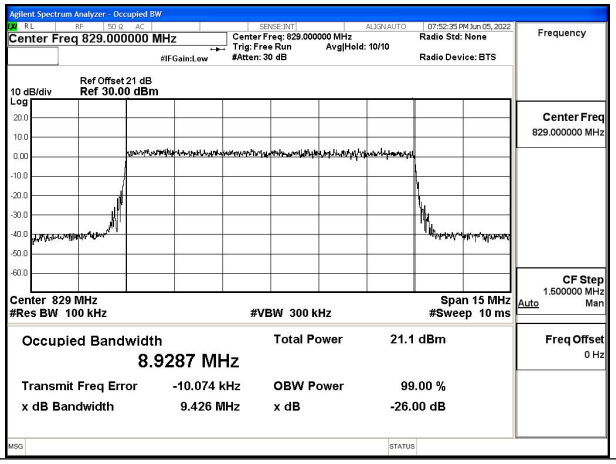


Fig.34

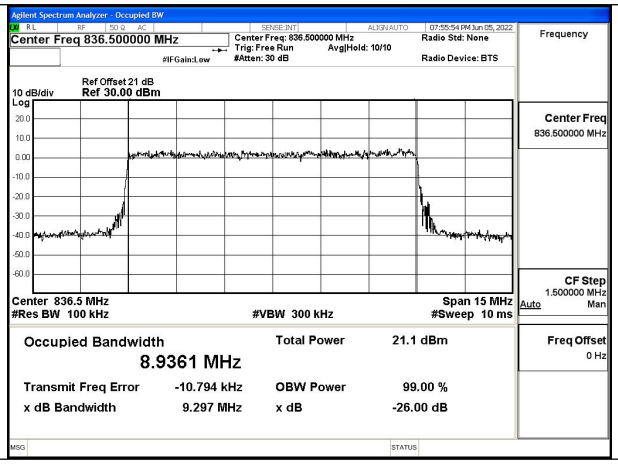


Fig.35

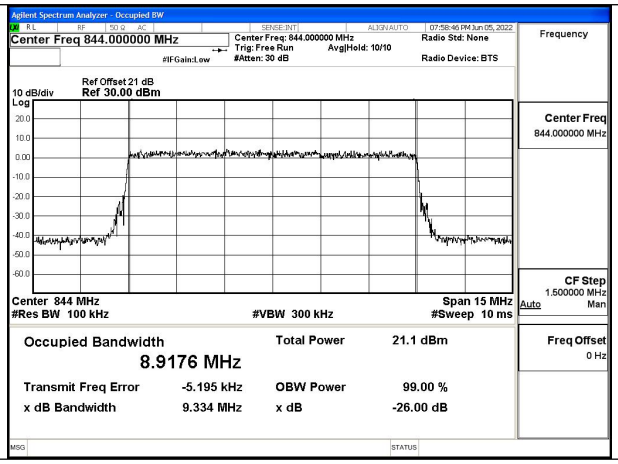


Fig.36

## 3 Emission Bandwidth

| Band | Mode | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of -26dB transmitter power (MHz) | |
|---|---|---|---|---|---|---|---|---|
| 5 | QPSK | 824.7 | 20407 | 1.4 | 6 | 0 | 1.210 | Fig.1 |
| 5 | QPSK | 836.5 | 20525 | 1.4 | 6 | 0 | 1.200 | Fig.2 |
| 5 | QPSK | 848.3 | 20643 | 1.4 | 6 | 0 | 1.210 | Fig.3 |
| 5 | QPSK | 825.5 | 20415 | 3 | 15 | 0 | 2.900 | Fig.4 |
| 5 | QPSK | 836.5 | 20525 | 3 | 15 | 0 | 2.940 | Fig.5 |
| 5 | QPSK | 847.5 | 20635 | 3 | 15 | 0 | 2.910 | Fig.6 |
| 5 | QPSK | 826.5 | 20425 | 5 | 25 | 0 | 4.690 | Fig.7 |
| 5 | QPSK | 836.5 | 20525 | 5 | 25 | 0 | 4.790 | Fig.8 |
| 5 | QPSK | 846.5 | 20625 | 5 | 25 | 0 | 4.830 | Fig.9 |
| 5 | QPSK | 829 | 20450 | 10 | 50 | 0 | 9.340 | Fig.10 |
| 5 | QPSK | 836.5 | 20525 | 10 | 50 | 0 | 9.280 | Fig.11 |
| 5 | QPSK | 844 | 20600 | 10 | 50 | 0 | 9.310 | Fig.12 |

| Band | Mode | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of -26dB transmitter power (MHz) | |
|---|---|---|---|---|---|---|---|---|
| 5 | 16QAM | 824.7 | 20407 | 1.4 | 6 | 0 | 1.200 | Fig.13 |
| 5 | 16QAM | 836.5 | 20525 | 1.4 | 6 | 0 | 1.210 | Fig.14 |
| 5 | 16QAM | 848.3 | 20643 | 1.4 | 6 | 0 | 1.210 | Fig.15 |
| 5 | 16QAM | 825.5 | 20415 | 3 | 15 | 0 | 2.850 | Fig.16 |
| 5 | 16QAM | 836.5 | 20525 | 3 | 15 | 0 | 2.940 | Fig.17 |
| 5 | 16QAM | 847.5 | 20635 | 3 | 15 | 0 | 2.920 | Fig.18 |
| 5 | 16QAM | 826.5 | 20425 | 5 | 25 | 0 | 4.750 | Fig.19 |
| 5 | 16QAM | 836.5 | 20525 | 5 | 25 | 0 | 4.720 | Fig.20 |
| 5 | 16QAM | 846.5 | 20625 | 5 | 25 | 0 | 4.730 | Fig.21 |
| 5 | 16QAM | 829 | 20450 | 10 | 50 | 0 | 9.380 | Fig.22 |
| 5 | 16QAM | 836.5 | 20525 | 10 | 50 | 0 | 9.440 | Fig.23 |
| 5 | 16QAM | 844 | 20600 | 10 | 50 | 0 | 9.340 | Fig.24 |

| Band | Mode | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of -26dB transmitter power (MHz) | |
|---|---|---|---|---|---|---|---|---|
| 5 | 64QAM | 824.7 | 20407 | 1.4 | 6 | 0 | 1.200 | Fig.25 |
| 5 | 64QAM | 836.5 | 20525 | 1.4 | 6 | 0 | 1.220 | Fig.26 |
| 5 | 64QAM | 848.3 | 20643 | 1.4 | 6 | 0 | 1.210 | Fig.27 |
| 5 | 64QAM | 825.5 | 20415 | 3 | 15 | 0 | 2.960 | Fig.28 |
| 5 | 64QAM | 836.5 | 20525 | 3 | 15 | 0 | 2.920 | Fig.29 |
| 5 | 64QAM | 847.5 | 20635 | 3 | 15 | 0 | 2.910 | Fig.30 |
| 5 | 64QAM | 826.5 | 20425 | 5 | 25 | 0 | 4.750 | Fig.31 |
| 5 | 64QAM | 836.5 | 20525 | 5 | 25 | 0 | 4.780 | Fig.32 |
| 5 | 64QAM | 846.5 | 20625 | 5 | 25 | 0 | 4.710 | Fig.33 |
| 5 | 64QAM | 829 | 20450 | 10 | 50 | 0 | 9.430 | Fig.34 |
| 5 | 64QAM | 836.5 | 20525 | 10 | 50 | 0 | 9.300 | Fig.35 |
| 5 | 64QAM | 844 | 20600 | 10 | 50 | 0 | 9.330 | Fig.36 |

Test Mode: QPSK

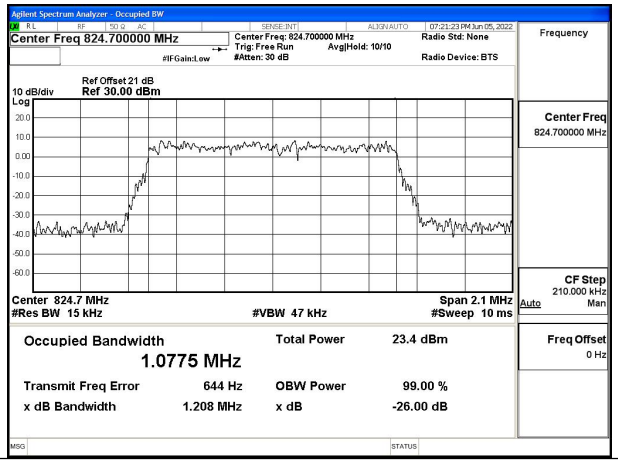


Fig.1

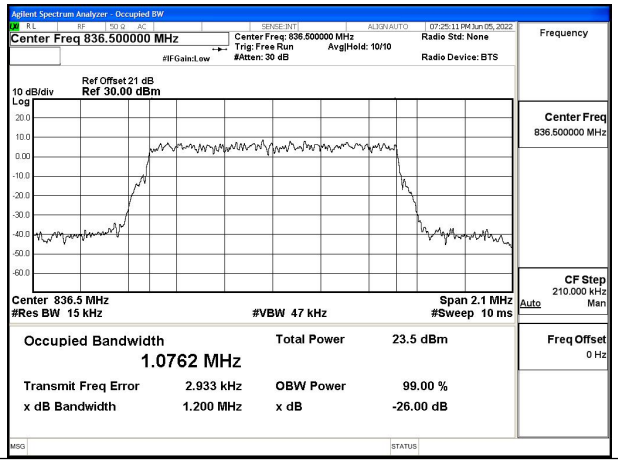


Fig.2

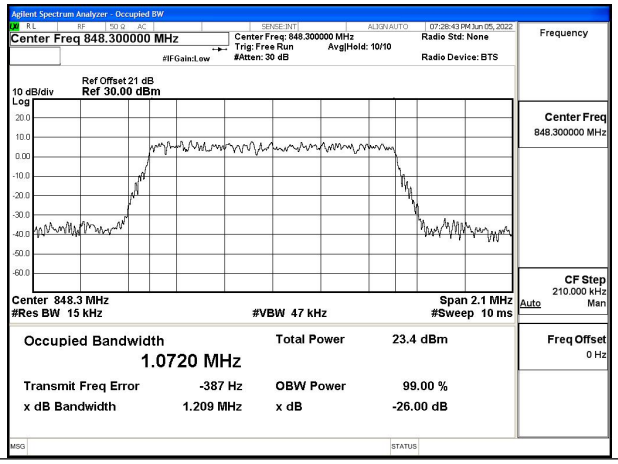


Fig.3

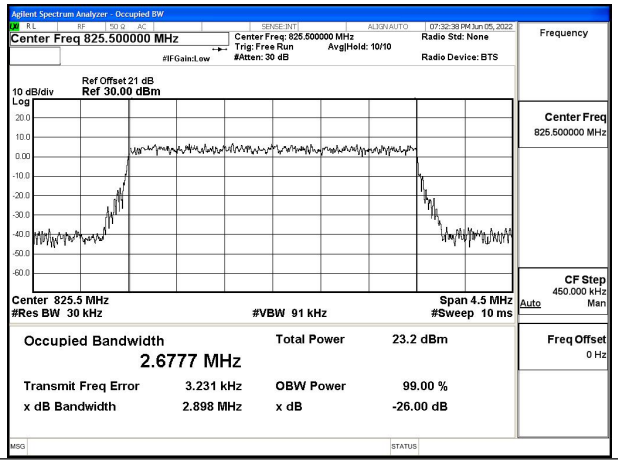


Fig.4