

## **APPENDIX A – TEST DATA OF CONDUCTED EMISSION**

### **LTE Band 7**

#### **1 RF Power Output**

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 2502.5                  | 20775      | 5  | 1       | 0         | 23.67                 |
| QPSK       | 2502.5                  | 20775      | 5  | 1       | 12        | 23.91                 |
| QPSK       | 2502.5                  | 20775      | 5  | 1       | 24        | 23.59                 |
| QPSK       | 2502.5                  | 20775      | 5  | 12      | 0         | 22.74                 |
| QPSK       | 2502.5                  | 20775      | 5  | 12      | 7         | 22.82                 |
| QPSK       | 2502.5                  | 20775      | 5  | 12      | 13        | 22.71                 |
| QPSK       | 2502.5                  | 20775      | 5  | 25      | 0         | 22.78                 |
| QPSK       | 2535                    | 21100      | 5  | 1       | 0         | 22.98                 |
| QPSK       | 2535                    | 21100      | 5  | 1       | 12        | 23.16                 |
| QPSK       | 2535                    | 21100      | 5  | 1       | 24        | 22.95                 |
| QPSK       | 2535                    | 21100      | 5  | 12      | 0         | 21.94                 |
| QPSK       | 2535                    | 21100      | 5  | 12      | 7         | 21.99                 |
| QPSK       | 2535                    | 21100      | 5  | 12      | 13        | 21.93                 |
| QPSK       | 2535                    | 21100      | 5  | 25      | 0         | 21.98                 |
| QPSK       | 2567.5                  | 21425      | 5  | 1       | 0         | 23.26                 |
| QPSK       | 2567.5                  | 21425      | 5  | 1       | 12        | 23.19                 |
| QPSK       | 2567.5                  | 21425      | 5  | 1       | 24        | 22.98                 |
| QPSK       | 2567.5                  | 21425      | 5  | 12      | 0         | 21.80                 |
| QPSK       | 2567.5                  | 21425      | 5  | 12      | 7         | 21.83                 |
| QPSK       | 2567.5                  | 21425      | 5  | 12      | 13        | 21.96                 |
| QPSK       | 2567.5                  | 21425      | 5  | 25      | 0         | 21.76                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM      | 2502.5                  | 20775      | 5  | 1       | 0         | 22.80                 |
| 16QAM      | 2502.5                  | 20775      | 5  | 1       | 12        | 22.95                 |
| 16QAM      | 2502.5                  | 20775      | 5  | 1       | 24        | 22.81                 |
| 16QAM      | 2502.5                  | 20775      | 5  | 12      | 0         | 21.75                 |
| 16QAM      | 2502.5                  | 20775      | 5  | 12      | 7         | 21.82                 |
| 16QAM      | 2502.5                  | 20775      | 5  | 12      | 13        | 21.70                 |
| 16QAM      | 2502.5                  | 20775      | 5  | 25      | 0         | 21.74                 |
| 16QAM      | 2535                    | 21100      | 5  | 1       | 0         | 22.24                 |
| 16QAM      | 2535                    | 21100      | 5  | 1       | 12        | 22.46                 |
| 16QAM      | 2535                    | 21100      | 5  | 1       | 24        | 22.20                 |
| 16QAM      | 2535                    | 21100      | 5  | 12      | 0         | 20.88                 |
| 16QAM      | 2535                    | 21100      | 5  | 12      | 7         | 20.89                 |
| 16QAM      | 2535                    | 21100      | 5  | 12      | 13        | 20.89                 |
| 16QAM      | 2535                    | 21100      | 5  | 25      | 0         | 20.88                 |
| 16QAM      | 2567.5                  | 21425      | 5  | 1       | 0         | 21.82                 |
| 16QAM      | 2567.5                  | 21425      | 5  | 1       | 12        | 22.05                 |
| 16QAM      | 2567.5                  | 21425      | 5  | 1       | 24        | 21.82                 |
| 16QAM      | 2567.5                  | 21425      | 5  | 12      | 0         | 20.64                 |
| 16QAM      | 2567.5                  | 21425      | 5  | 12      | 7         | 20.77                 |
| 16QAM      | 2567.5                  | 21425      | 5  | 12      | 13        | 20.64                 |
| 16QAM      | 2567.5                  | 21425      | 5  | 25      | 0         | 20.76                 |
| 64QAM      | 2502.5                  | 20775      | 5  | 1       | 0         | 21.77                 |
| 64QAM      | 2502.5                  | 20775      | 5  | 1       | 12        | 21.97                 |
| 64QAM      | 2502.5                  | 20775      | 5  | 1       | 24        | 21.73                 |
| 64QAM      | 2502.5                  | 20775      | 5  | 12      | 0         | 20.83                 |
| 64QAM      | 2502.5                  | 20775      | 5  | 12      | 7         | 20.94                 |
| 64QAM      | 2502.5                  | 20775      | 5  | 12      | 13        | 20.82                 |
| 64QAM      | 2502.5                  | 20775      | 5  | 25      | 0         | 20.75                 |
| 64QAM      | 2535                    | 21100      | 5  | 1       | 0         | 21.12                 |
| 64QAM      | 2535                    | 21100      | 5  | 1       | 12        | 21.33                 |
| 64QAM      | 2535                    | 21100      | 5  | 1       | 24        | 21.09                 |
| 64QAM      | 2535                    | 21100      | 5  | 12      | 0         | 19.84                 |
| 64QAM      | 2535                    | 21100      | 5  | 12      | 7         | 19.92                 |
| 64QAM      | 2535                    | 21100      | 5  | 12      | 13        | 19.86                 |
| 64QAM      | 2535                    | 21100      | 5  | 25      | 0         | 19.88                 |
| 64QAM      | 2567.5                  | 21425      | 5  | 1       | 0         | 20.83                 |
| 64QAM      | 2567.5                  | 21425      | 5  | 1       | 12        | 21.06                 |
| 64QAM      | 2567.5                  | 21425      | 5  | 1       | 24        | 20.81                 |
| 64QAM      | 2567.5                  | 21425      | 5  | 12      | 0         | 19.74                 |
| 64QAM      | 2567.5                  | 21425      | 5  | 12      | 7         | 19.91                 |
| 64QAM      | 2567.5                  | 21425      | 5  | 12      | 13        | 20.24                 |
| 64QAM      | 2567.5                  | 21425      | 5  | 25      | 0         | 20.09                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 2505                    | 20800      | 10 | 1       | 0         | 23.43                 |
| QPSK       | 2505                    | 20800      | 10 | 1       | 25        | 23.46                 |
| QPSK       | 2505                    | 20800      | 10 | 1       | 49        | 23.23                 |
| QPSK       | 2505                    | 20800      | 10 | 25      | 0         | 22.45                 |
| QPSK       | 2505                    | 20800      | 10 | 25      | 12        | 22.39                 |
| QPSK       | 2505                    | 20800      | 10 | 25      | 25        | 22.33                 |
| QPSK       | 2505                    | 20800      | 10 | 50      | 0         | 22.38                 |
| QPSK       | 2535                    | 21100      | 10 | 1       | 0         | 22.53                 |
| QPSK       | 2535                    | 21100      | 10 | 1       | 25        | 22.79                 |
| QPSK       | 2535                    | 21100      | 10 | 1       | 49        | 22.53                 |
| QPSK       | 2535                    | 21100      | 10 | 25      | 0         | 21.58                 |
| QPSK       | 2535                    | 21100      | 10 | 25      | 12        | 21.62                 |
| QPSK       | 2535                    | 21100      | 10 | 25      | 25        | 21.52                 |
| QPSK       | 2535                    | 21100      | 10 | 50      | 0         | 21.51                 |
| QPSK       | 2565                    | 21400      | 10 | 1       | 0         | 22.80                 |
| QPSK       | 2565                    | 21400      | 10 | 1       | 25        | 23.01                 |
| QPSK       | 2565                    | 21400      | 10 | 1       | 49        | 22.92                 |
| QPSK       | 2565                    | 21400      | 10 | 25      | 0         | 21.85                 |
| QPSK       | 2565                    | 21400      | 10 | 25      | 12        | 21.82                 |
| QPSK       | 2565                    | 21400      | 10 | 25      | 25        | 21.87                 |
| QPSK       | 2565                    | 21400      | 10 | 50      | 0         | 21.79                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM      | 2505                    | 20800      | 10 | 1       | 0         | 22.91                 |
| 16QAM      | 2505                    | 20800      | 10 | 1       | 25        | 22.96                 |
| 16QAM      | 2505                    | 20800      | 10 | 1       | 49        | 22.74                 |
| 16QAM      | 2505                    | 20800      | 10 | 25      | 0         | 21.39                 |
| 16QAM      | 2505                    | 20800      | 10 | 25      | 12        | 21.31                 |
| 16QAM      | 2505                    | 20800      | 10 | 25      | 25        | 21.28                 |
| 16QAM      | 2505                    | 20800      | 10 | 50      | 0         | 21.35                 |
| 16QAM      | 2535                    | 21100      | 10 | 1       | 0         | 21.69                 |
| 16QAM      | 2535                    | 21100      | 10 | 1       | 25        | 21.80                 |
| 16QAM      | 2535                    | 21100      | 10 | 1       | 49        | 21.67                 |
| 16QAM      | 2535                    | 21100      | 10 | 25      | 0         | 20.58                 |
| 16QAM      | 2535                    | 21100      | 10 | 25      | 12        | 20.61                 |
| 16QAM      | 2535                    | 21100      | 10 | 25      | 25        | 20.60                 |
| 16QAM      | 2535                    | 21100      | 10 | 50      | 0         | 20.54                 |
| 16QAM      | 2565                    | 21400      | 10 | 1       | 0         | 21.94                 |
| 16QAM      | 2565                    | 21400      | 10 | 1       | 25        | 22.04                 |
| 16QAM      | 2565                    | 21400      | 10 | 1       | 49        | 21.94                 |
| 16QAM      | 2565                    | 21400      | 10 | 25      | 0         | 20.86                 |
| 16QAM      | 2565                    | 21400      | 10 | 25      | 12        | 20.90                 |
| 16QAM      | 2565                    | 21400      | 10 | 25      | 25        | 20.83                 |
| 16QAM      | 2565                    | 21400      | 10 | 50      | 0         | 20.86                 |
| 64QAM      | 2505                    | 20800      | 10 | 1       | 0         | 21.73                 |
| 64QAM      | 2505                    | 20800      | 10 | 1       | 25        | 21.74                 |
| 64QAM      | 2505                    | 20800      | 10 | 1       | 49        | 21.57                 |
| 64QAM      | 2505                    | 20800      | 10 | 25      | 0         | 20.44                 |
| 64QAM      | 2505                    | 20800      | 10 | 25      | 12        | 20.39                 |
| 64QAM      | 2505                    | 20800      | 10 | 25      | 25        | 20.37                 |
| 64QAM      | 2505                    | 20800      | 10 | 50      | 0         | 20.40                 |
| 64QAM      | 2535                    | 21100      | 10 | 1       | 0         | 20.66                 |
| 64QAM      | 2535                    | 21100      | 10 | 1       | 25        | 20.81                 |
| 64QAM      | 2535                    | 21100      | 10 | 1       | 49        | 20.56                 |
| 64QAM      | 2535                    | 21100      | 10 | 25      | 0         | 19.65                 |
| 64QAM      | 2535                    | 21100      | 10 | 25      | 12        | 19.65                 |
| 64QAM      | 2535                    | 21100      | 10 | 25      | 25        | 19.62                 |
| 64QAM      | 2535                    | 21100      | 10 | 50      | 0         | 19.66                 |
| 64QAM      | 2565                    | 21400      | 10 | 1       | 0         | 20.93                 |
| 64QAM      | 2565                    | 21400      | 10 | 1       | 25        | 21.21                 |
| 64QAM      | 2565                    | 21400      | 10 | 1       | 49        | 20.95                 |
| 64QAM      | 2565                    | 21400      | 10 | 25      | 0         | 19.94                 |
| 64QAM      | 2565                    | 21400      | 10 | 25      | 12        | 19.96                 |
| 64QAM      | 2565                    | 21400      | 10 | 25      | 25        | 19.98                 |
| 64QAM      | 2565                    | 21400      | 10 | 50      | 0         | 19.85                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 2507.5                  | 20825      | 15 | 1       | 0         | 23.36                 |
| QPSK       | 2507.5                  | 20825      | 15 | 1       | 37        | 23.47                 |
| QPSK       | 2507.5                  | 20825      | 15 | 1       | 74        | 22.98                 |
| QPSK       | 2507.5                  | 20825      | 15 | 36      | 0         | 22.54                 |
| QPSK       | 2507.5                  | 20825      | 15 | 36      | 29        | 22.34                 |
| QPSK       | 2507.5                  | 20825      | 15 | 36      | 30        | 22.35                 |
| QPSK       | 2507.5                  | 20825      | 15 | 75      | 0         | 22.47                 |
| QPSK       | 2535                    | 21100      | 15 | 1       | 0         | 22.54                 |
| QPSK       | 2535                    | 21100      | 15 | 1       | 37        | 22.73                 |
| QPSK       | 2535                    | 21100      | 15 | 1       | 74        | 22.50                 |
| QPSK       | 2535                    | 21100      | 15 | 36      | 0         | 21.76                 |
| QPSK       | 2535                    | 21100      | 15 | 36      | 29        | 21.66                 |
| QPSK       | 2535                    | 21100      | 15 | 36      | 30        | 21.69                 |
| QPSK       | 2535                    | 21100      | 15 | 75      | 0         | 21.69                 |
| QPSK       | 2562.5                  | 21375      | 15 | 1       | 0         | 22.65                 |
| QPSK       | 2562.5                  | 21375      | 15 | 1       | 37        | 22.98                 |
| QPSK       | 2562.5                  | 21375      | 15 | 1       | 74        | 22.76                 |
| QPSK       | 2562.5                  | 21375      | 15 | 36      | 0         | 21.95                 |
| QPSK       | 2562.5                  | 21375      | 15 | 36      | 29        | 22.10                 |
| QPSK       | 2562.5                  | 21375      | 15 | 36      | 30        | 22.08                 |
| QPSK       | 2562.5                  | 21375      | 15 | 75      | 0         | 21.97                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM      | 2507.5                  | 20825      | 15 | 1       | 0         | 22.87                 |
| 16QAM      | 2507.5                  | 20825      | 15 | 1       | 37        | 22.97                 |
| 16QAM      | 2507.5                  | 20825      | 15 | 1       | 74        | 22.55                 |
| 16QAM      | 2507.5                  | 20825      | 15 | 36      | 0         | 21.52                 |
| 16QAM      | 2507.5                  | 20825      | 15 | 36      | 29        | 21.37                 |
| 16QAM      | 2507.5                  | 20825      | 15 | 36      | 30        | 21.33                 |
| 16QAM      | 2507.5                  | 20825      | 15 | 75      | 0         | 21.37                 |
| 16QAM      | 2535                    | 21100      | 15 | 1       | 0         | 21.70                 |
| 16QAM      | 2535                    | 21100      | 15 | 1       | 37        | 21.79                 |
| 16QAM      | 2535                    | 21100      | 15 | 1       | 74        | 21.60                 |
| 16QAM      | 2535                    | 21100      | 15 | 36      | 0         | 20.65                 |
| 16QAM      | 2535                    | 21100      | 15 | 36      | 29        | 20.62                 |
| 16QAM      | 2535                    | 21100      | 15 | 36      | 30        | 20.65                 |
| 16QAM      | 2535                    | 21100      | 15 | 75      | 0         | 20.59                 |
| 16QAM      | 2562.5                  | 21375      | 15 | 1       | 0         | 22.02                 |
| 16QAM      | 2562.5                  | 21375      | 15 | 1       | 37        | 22.32                 |
| 16QAM      | 2562.5                  | 21375      | 15 | 1       | 74        | 22.06                 |
| 16QAM      | 2562.5                  | 21375      | 15 | 36      | 0         | 20.86                 |
| 16QAM      | 2562.5                  | 21375      | 15 | 36      | 29        | 20.91                 |
| 16QAM      | 2562.5                  | 21375      | 15 | 36      | 30        | 20.89                 |
| 16QAM      | 2562.5                  | 21375      | 15 | 75      | 0         | 20.82                 |
| 64QAM      | 2507.5                  | 20825      | 15 | 1       | 0         | 21.67                 |
| 64QAM      | 2507.5                  | 20825      | 15 | 1       | 37        | 21.75                 |
| 64QAM      | 2507.5                  | 20825      | 15 | 1       | 74        | 21.31                 |
| 64QAM      | 2507.5                  | 20825      | 15 | 36      | 0         | 20.43                 |
| 64QAM      | 2507.5                  | 20825      | 15 | 36      | 29        | 20.29                 |
| 64QAM      | 2507.5                  | 20825      | 15 | 36      | 30        | 20.33                 |
| 64QAM      | 2507.5                  | 20825      | 15 | 75      | 0         | 20.33                 |
| 64QAM      | 2535                    | 21100      | 15 | 1       | 0         | 20.63                 |
| 64QAM      | 2535                    | 21100      | 15 | 1       | 37        | 20.79                 |
| 64QAM      | 2535                    | 21100      | 15 | 1       | 74        | 20.59                 |
| 64QAM      | 2535                    | 21100      | 15 | 36      | 0         | 19.62                 |
| 64QAM      | 2535                    | 21100      | 15 | 36      | 29        | 19.71                 |
| 64QAM      | 2535                    | 21100      | 15 | 36      | 30        | 19.67                 |
| 64QAM      | 2535                    | 21100      | 15 | 75      | 0         | 19.69                 |
| 64QAM      | 2562.5                  | 21375      | 15 | 1       | 0         | 21.20                 |
| 64QAM      | 2562.5                  | 21375      | 15 | 1       | 37        | 21.48                 |
| 64QAM      | 2562.5                  | 21375      | 15 | 1       | 74        | 21.18                 |
| 64QAM      | 2562.5                  | 21375      | 15 | 36      | 0         | 19.84                 |
| 64QAM      | 2562.5                  | 21375      | 15 | 36      | 29        | 19.82                 |
| 64QAM      | 2562.5                  | 21375      | 15 | 36      | 30        | 19.93                 |
| 64QAM      | 2562.5                  | 21375      | 15 | 75      | 0         | 19.87                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 2510                    | 20850      | 20 | 1       | 0         | 23.18                 |
| QPSK       | 2510                    | 20850      | 20 | 1       | 49        | 23.37                 |
| QPSK       | 2510                    | 20850      | 20 | 1       | 99        | 22.58                 |
| QPSK       | 2510                    | 20850      | 20 | 50      | 0         | 22.26                 |
| QPSK       | 2510                    | 20850      | 20 | 50      | 24        | 22.29                 |
| QPSK       | 2510                    | 20850      | 20 | 50      | 50        | 22.09                 |
| QPSK       | 2510                    | 20850      | 20 | 100     | 0         | 22.23                 |
| QPSK       | 2535                    | 21100      | 20 | 1       | 0         | 22.44                 |
| QPSK       | 2535                    | 21100      | 20 | 1       | 49        | 22.67                 |
| QPSK       | 2535                    | 21100      | 20 | 1       | 99        | 22.38                 |
| QPSK       | 2535                    | 21100      | 20 | 50      | 0         | 21.50                 |
| QPSK       | 2535                    | 21100      | 20 | 50      | 24        | 21.57                 |
| QPSK       | 2535                    | 21100      | 20 | 50      | 50        | 21.56                 |
| QPSK       | 2535                    | 21100      | 20 | 100     | 0         | 21.50                 |
| QPSK       | 2560                    | 21350      | 20 | 1       | 0         | 22.39                 |
| QPSK       | 2560                    | 21350      | 20 | 1       | 49        | 23.00                 |
| QPSK       | 2560                    | 21350      | 20 | 1       | 99        | 22.56                 |
| QPSK       | 2560                    | 21350      | 20 | 50      | 0         | 21.81                 |
| QPSK       | 2560                    | 21350      | 20 | 50      | 24        | 21.84                 |
| QPSK       | 2560                    | 21350      | 20 | 50      | 50        | 21.82                 |
| QPSK       | 2560                    | 21350      | 20 | 100     | 0         | 21.83                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM      | 2510                    | 20850      | 20 | 1       | 0         | 22.56                 |
| 16QAM      | 2510                    | 20850      | 20 | 1       | 49        | 22.68                 |
| 16QAM      | 2510                    | 20850      | 20 | 1       | 99        | 22.07                 |
| 16QAM      | 2510                    | 20850      | 20 | 50      | 0         | 21.41                 |
| 16QAM      | 2510                    | 20850      | 20 | 50      | 24        | 21.34                 |
| 16QAM      | 2510                    | 20850      | 20 | 50      | 50        | 21.16                 |
| 16QAM      | 2510                    | 20850      | 20 | 100     | 0         | 21.25                 |
| 16QAM      | 2535                    | 21100      | 20 | 1       | 0         | 21.65                 |
| 16QAM      | 2535                    | 21100      | 20 | 1       | 49        | 21.83                 |
| 16QAM      | 2535                    | 21100      | 20 | 1       | 99        | 21.54                 |
| 16QAM      | 2535                    | 21100      | 20 | 50      | 0         | 20.50                 |
| 16QAM      | 2535                    | 21100      | 20 | 50      | 24        | 20.50                 |
| 16QAM      | 2535                    | 21100      | 20 | 50      | 50        | 20.45                 |
| 16QAM      | 2535                    | 21100      | 20 | 100     | 0         | 20.48                 |
| 16QAM      | 2560                    | 21350      | 20 | 1       | 0         | 21.72                 |
| 16QAM      | 2560                    | 21350      | 20 | 1       | 49        | 22.20                 |
| 16QAM      | 2560                    | 21350      | 20 | 1       | 99        | 21.83                 |
| 16QAM      | 2560                    | 21350      | 20 | 50      | 0         | 20.78                 |
| 16QAM      | 2560                    | 21350      | 20 | 50      | 24        | 20.85                 |
| 16QAM      | 2560                    | 21350      | 20 | 50      | 50        | 20.77                 |
| 16QAM      | 2560                    | 21350      | 20 | 100     | 0         | 20.77                 |
| 64QAM      | 2510                    | 20850      | 20 | 1       | 0         | 21.36                 |
| 64QAM      | 2510                    | 20850      | 20 | 1       | 49        | 21.57                 |
| 64QAM      | 2510                    | 20850      | 20 | 1       | 99        | 20.88                 |
| 64QAM      | 2510                    | 20850      | 20 | 50      | 0         | 20.39                 |
| 64QAM      | 2510                    | 20850      | 20 | 50      | 24        | 20.28                 |
| 64QAM      | 2510                    | 20850      | 20 | 50      | 50        | 20.18                 |
| 64QAM      | 2510                    | 20850      | 20 | 100     | 0         | 20.37                 |
| 64QAM      | 2535                    | 21100      | 20 | 1       | 0         | 20.96                 |
| 64QAM      | 2535                    | 21100      | 20 | 1       | 49        | 21.15                 |
| 64QAM      | 2535                    | 21100      | 20 | 1       | 99        | 20.82                 |
| 64QAM      | 2535                    | 21100      | 20 | 50      | 0         | 19.57                 |
| 64QAM      | 2535                    | 21100      | 20 | 50      | 24        | 19.64                 |
| 64QAM      | 2535                    | 21100      | 20 | 50      | 50        | 19.46                 |
| 64QAM      | 2535                    | 21100      | 20 | 100     | 0         | 19.58                 |
| 64QAM      | 2560                    | 21350      | 20 | 1       | 0         | 20.54                 |
| 64QAM      | 2560                    | 21350      | 20 | 1       | 49        | 21.09                 |
| 64QAM      | 2560                    | 21350      | 20 | 1       | 99        | 20.63                 |
| 64QAM      | 2560                    | 21350      | 20 | 50      | 0         | 19.75                 |
| 64QAM      | 2560                    | 21350      | 20 | 50      | 24        | 19.90                 |
| 64QAM      | 2560                    | 21350      | 20 | 50      | 50        | 19.85                 |
| 64QAM      | 2560                    | 21350      | 20 | 100     | 0         | 19.85                 |



## 2 Occupied Bandwidth

| Band | Mode | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of 99% Power (MHz) |        |
|------|------|-------------------------|---------|----------|---------|-----------|------------------------------|--------|
| 7    | QPSK | 2502.5                  | 20775   | 5        | 25      | 0         | 4.459                        | Fig.1  |
| 7    | QPSK | 2535                    | 21100   | 5        | 25      | 0         | 4.465                        | Fig.2  |
| 7    | QPSK | 2567.5                  | 21425   | 5        | 25      | 0         | 4.465                        | Fig.3  |
| 7    | QPSK | 2505                    | 20800   | 10       | 50      | 0         | 8.929                        | Fig.4  |
| 7    | QPSK | 2535                    | 21100   | 10       | 50      | 0         | 8.944                        | Fig.5  |
| 7    | QPSK | 2565                    | 21400   | 10       | 50      | 0         | 8.886                        | Fig.6  |
| 7    | QPSK | 2507.5                  | 20825   | 15       | 75      | 0         | 13.387                       | Fig.7  |
| 7    | QPSK | 2535                    | 21100   | 15       | 75      | 0         | 13.362                       | Fig.8  |
| 7    | QPSK | 2562.5                  | 21375   | 15       | 75      | 0         | 13.381                       | Fig.9  |
| 7    | QPSK | 2510                    | 20850   | 20       | 100     | 0         | 17.860                       | Fig.10 |
| 7    | QPSK | 2535                    | 21100   | 20       | 100     | 0         | 17.824                       | Fig.11 |
| 7    | QPSK | 2560                    | 21350   | 20       | 100     | 0         | 17.807                       | Fig.12 |

| Band | Mode  | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of 99% Power (MHz) |        |
|------|-------|-------------------------|---------|----------|---------|-----------|------------------------------|--------|
| 7    | 16QAM | 2502.5                  | 20775   | 5        | 25      | 0         | 4.444                        | Fig.13 |
| 7    | 16QAM | 2535                    | 21100   | 5        | 25      | 0         | 4.463                        | Fig.14 |
| 7    | 16QAM | 2567.5                  | 21425   | 5        | 25      | 0         | 4.456                        | Fig.15 |
| 7    | 16QAM | 2505                    | 20800   | 10       | 50      | 0         | 8.884                        | Fig.16 |
| 7    | 16QAM | 2535                    | 21100   | 10       | 50      | 0         | 8.879                        | Fig.17 |
| 7    | 16QAM | 2565                    | 21400   | 10       | 50      | 0         | 8.927                        | Fig.18 |
| 7    | 16QAM | 2507.5                  | 20825   | 15       | 75      | 0         | 13.383                       | Fig.19 |
| 7    | 16QAM | 2535                    | 21100   | 15       | 75      | 0         | 13.355                       | Fig.20 |
| 7    | 16QAM | 2562.5                  | 21375   | 15       | 75      | 0         | 13.375                       | Fig.21 |
| 7    | 16QAM | 2510                    | 20850   | 20       | 100     | 0         | 17.850                       | Fig.22 |
| 7    | 16QAM | 2535                    | 21100   | 20       | 100     | 0         | 17.834                       | Fig.23 |
| 7    | 16QAM | 2560                    | 21350   | 20       | 100     | 0         | 17.884                       | Fig.24 |

| Band | Mode  | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of 99% Power (MHz) |        |
|------|-------|-------------------------|---------|----------|---------|-----------|------------------------------|--------|
| 7    | 64QAM | 2502.5                  | 20775   | 5        | 25      | 0         | 4.473                        | Fig.25 |
| 7    | 64QAM | 2535                    | 21100   | 5        | 25      | 0         | 4.467                        | Fig.26 |
| 7    | 64QAM | 2567.5                  | 21425   | 5        | 25      | 0         | 4.468                        | Fig.27 |
| 7    | 64QAM | 2505                    | 20800   | 10       | 50      | 0         | 8.948                        | Fig.28 |
| 7    | 64QAM | 2535                    | 21100   | 10       | 50      | 0         | 8.923                        | Fig.29 |
| 7    | 64QAM | 2565                    | 21400   | 10       | 50      | 0         | 8.918                        | Fig.30 |
| 7    | 64QAM | 2507.5                  | 20825   | 15       | 75      | 0         | 13.411                       | Fig.31 |
| 7    | 64QAM | 2535                    | 21100   | 15       | 75      | 0         | 13.405                       | Fig.32 |
| 7    | 64QAM | 2562.5                  | 21375   | 15       | 75      | 0         | 13.299                       | Fig.33 |
| 7    | 64QAM | 2510                    | 20850   | 20       | 100     | 0         | 17.874                       | Fig.34 |
| 7    | 64QAM | 2535                    | 21100   | 20       | 100     | 0         | 17.889                       | Fig.35 |
| 7    | 64QAM | 2560                    | 21350   | 20       | 100     | 0         | 17.823                       | Fig.36 |

Test Mode: QPSK

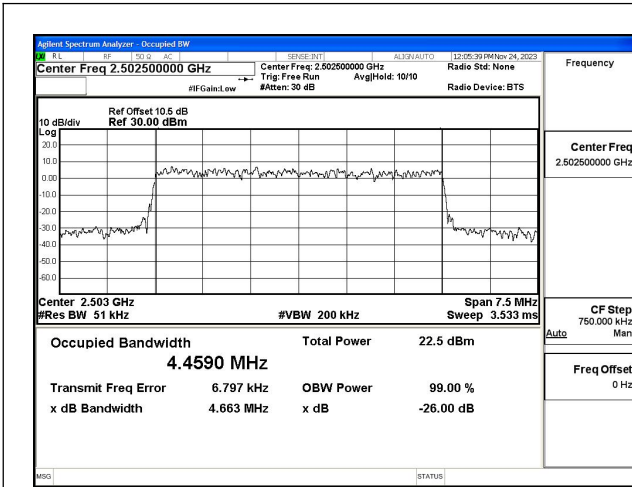


Fig.1

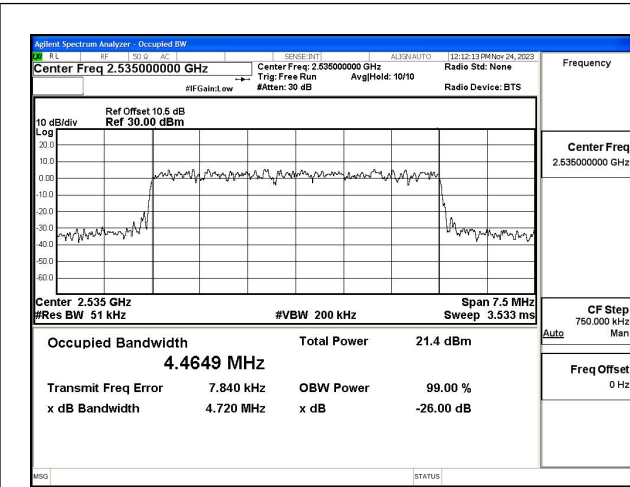


Fig.2

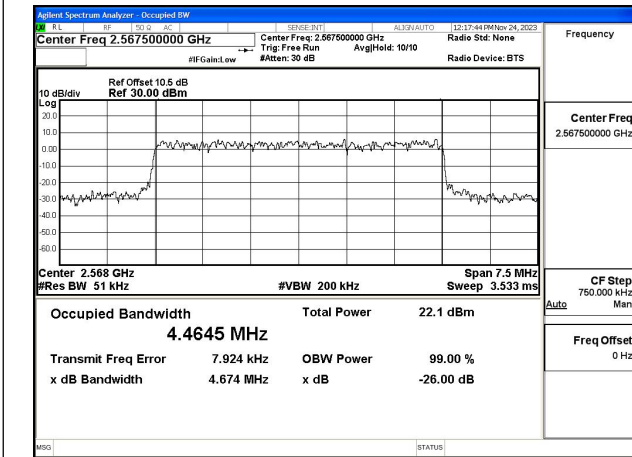


Fig.3

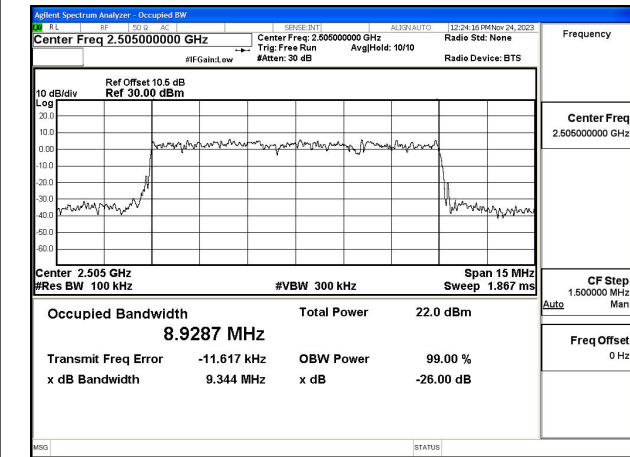


Fig.4

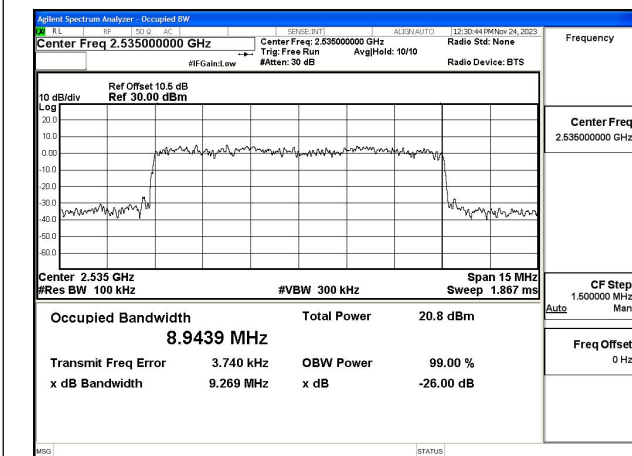


Fig.5

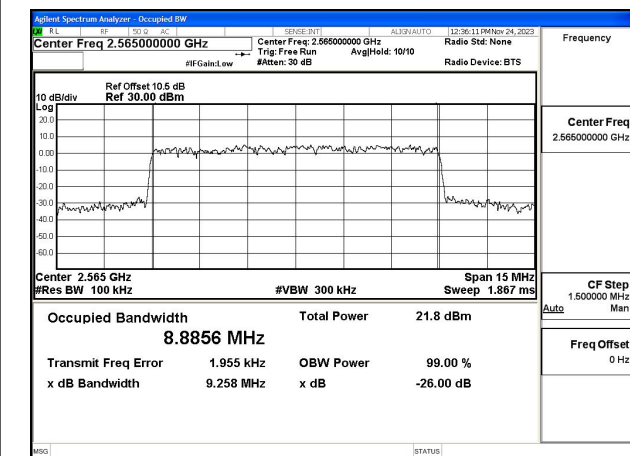


Fig.6

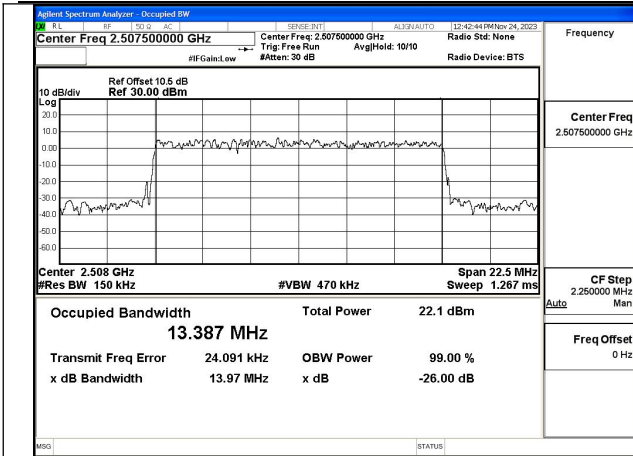


Fig.7

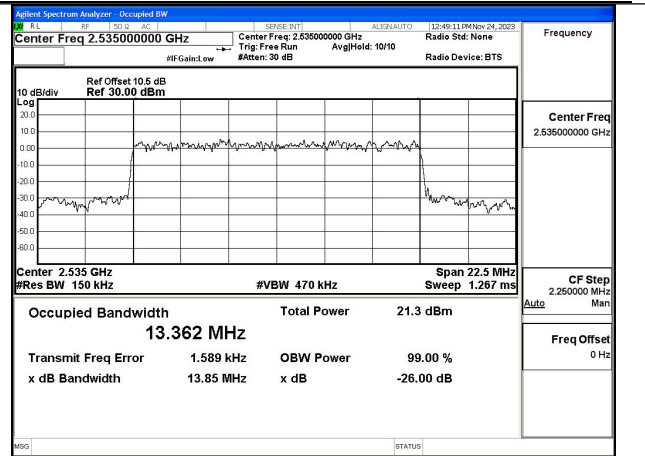


Fig.8

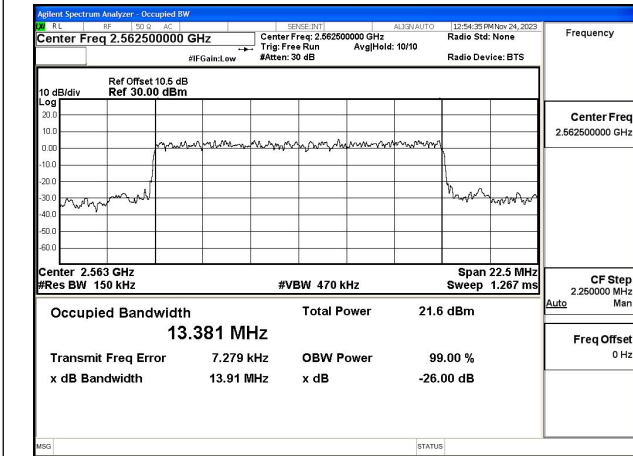


Fig.9

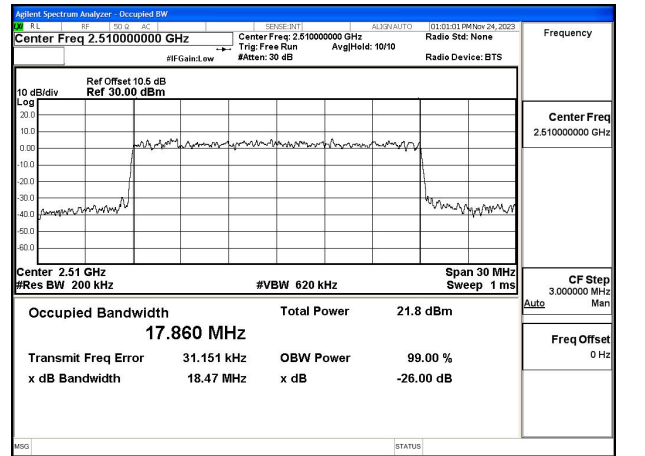


Fig.10

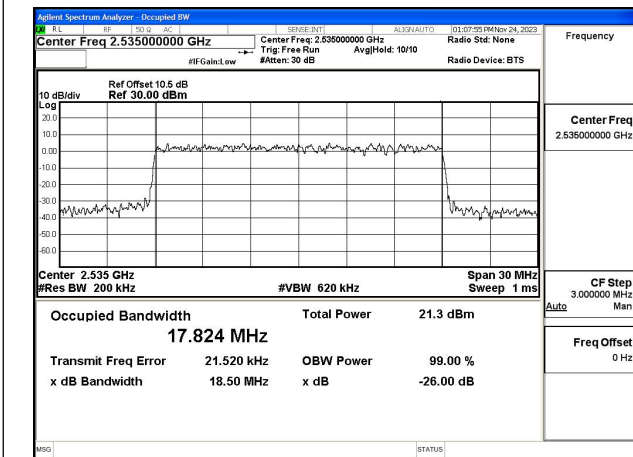


Fig.11

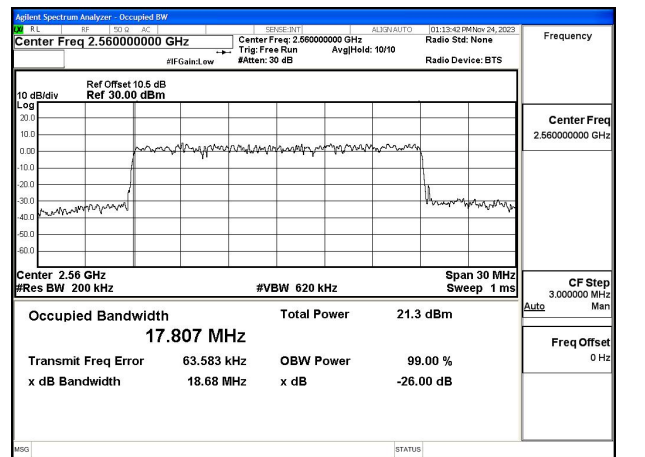


Fig.12

Test Mode: 16QAM

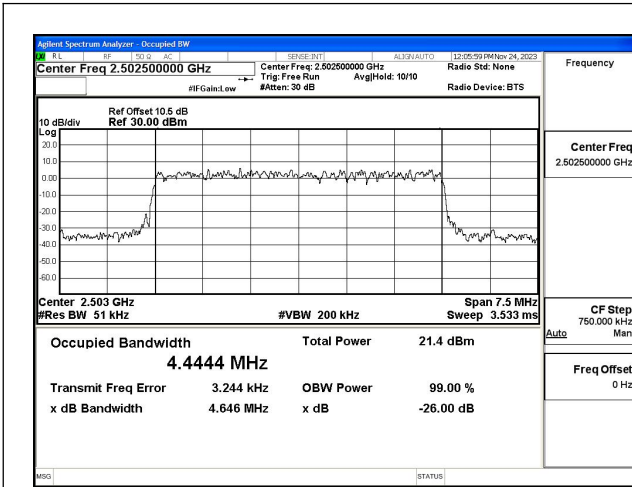


Fig.13

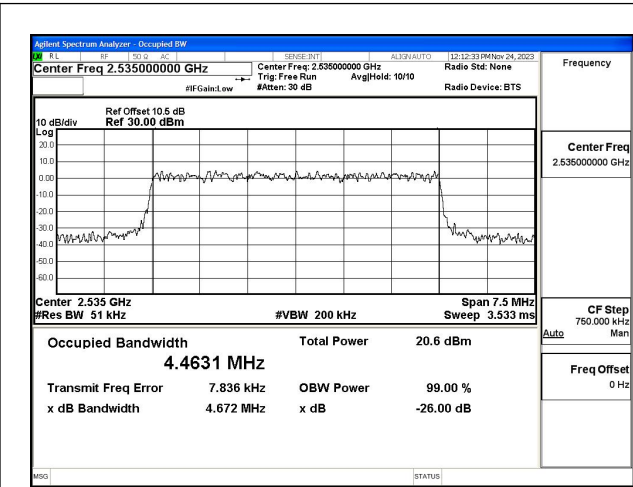


Fig.14

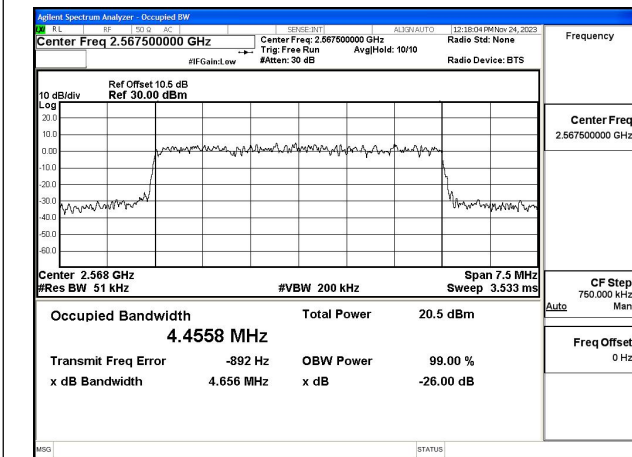


Fig.15

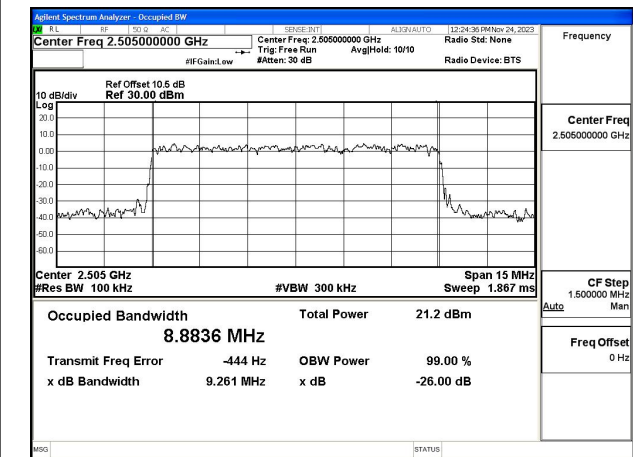


Fig.16

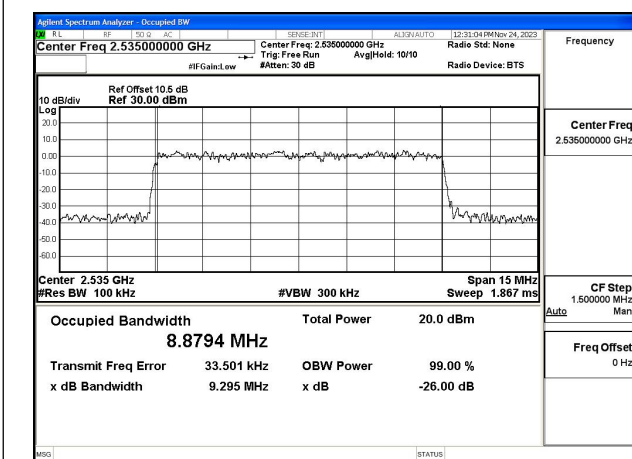


Fig.17

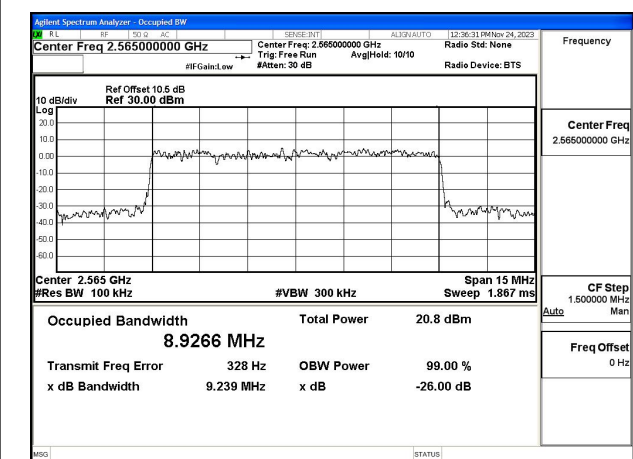


Fig.18

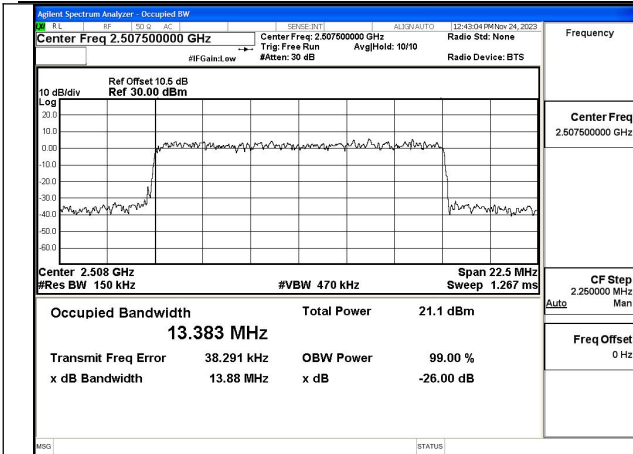


Fig.19

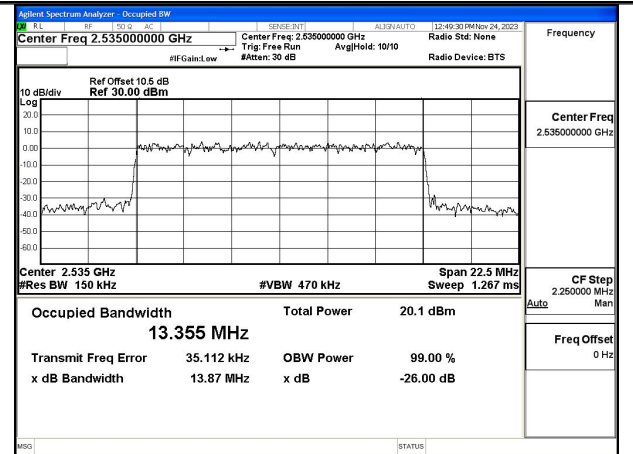


Fig.20

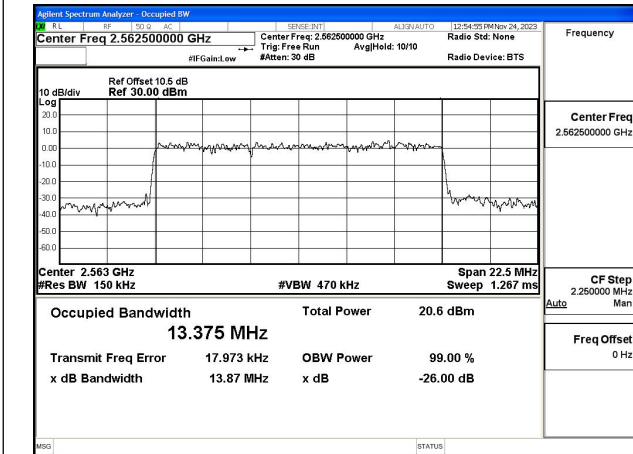


Fig.21

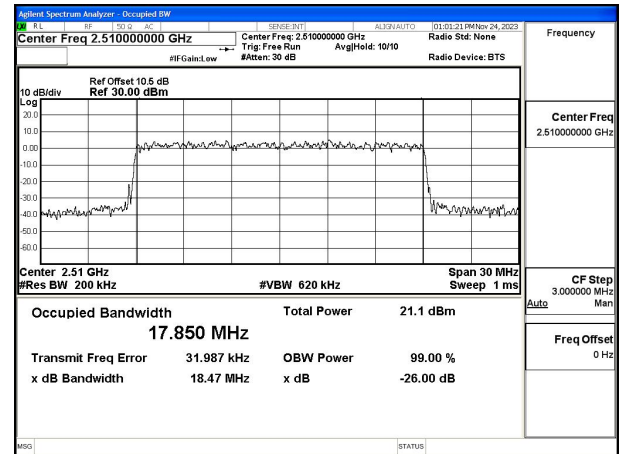


Fig.22

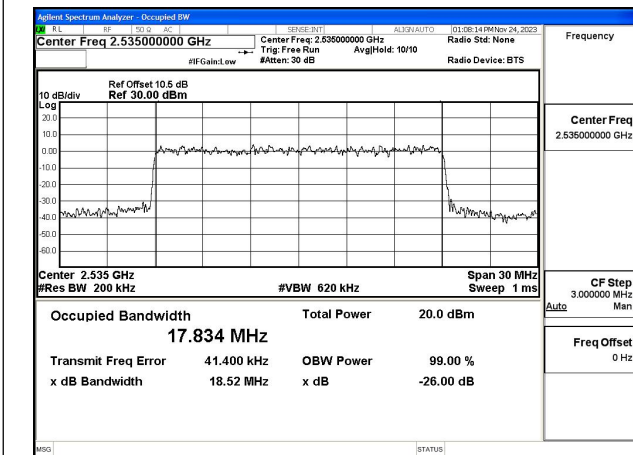


Fig.23

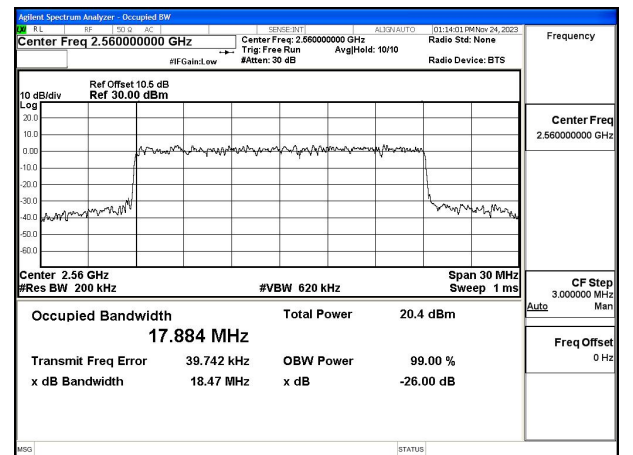


Fig.24

Test Mode: 64QAM

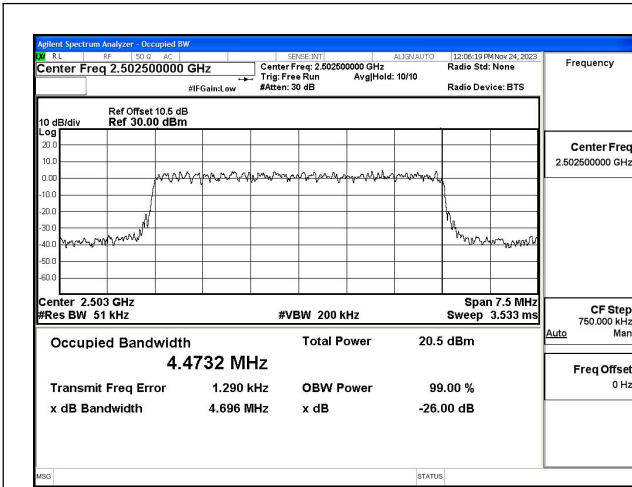


Fig.25

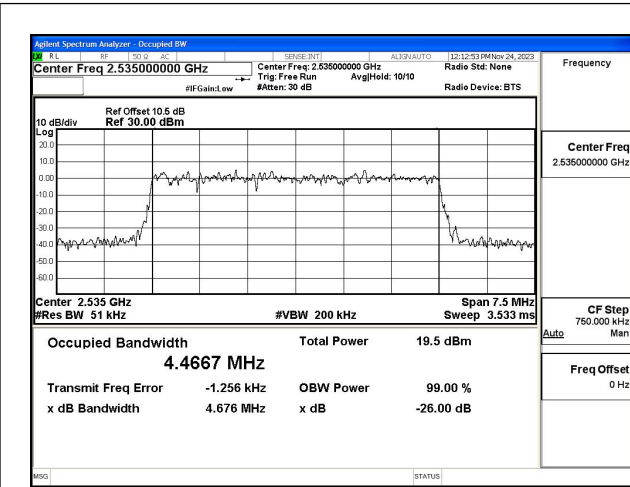


Fig.26

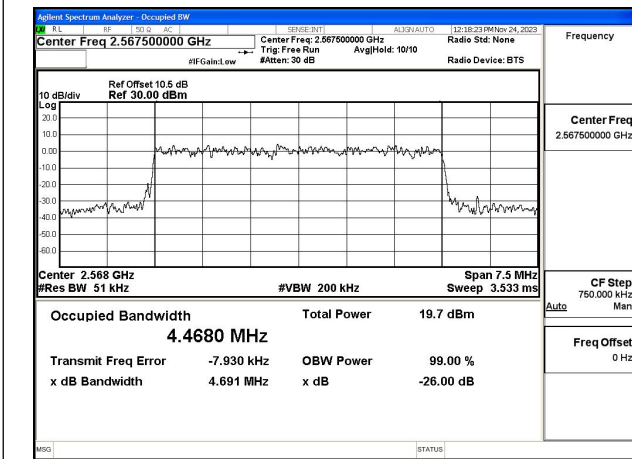


Fig.27

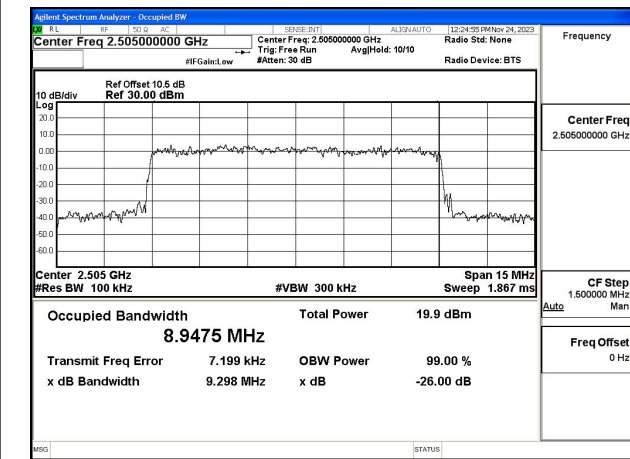


Fig.28

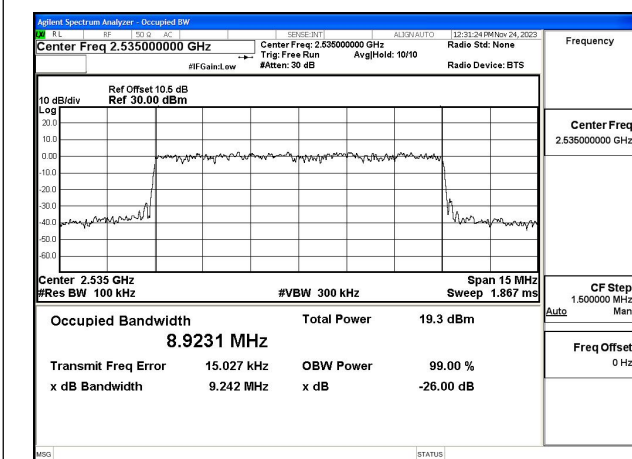


Fig.29

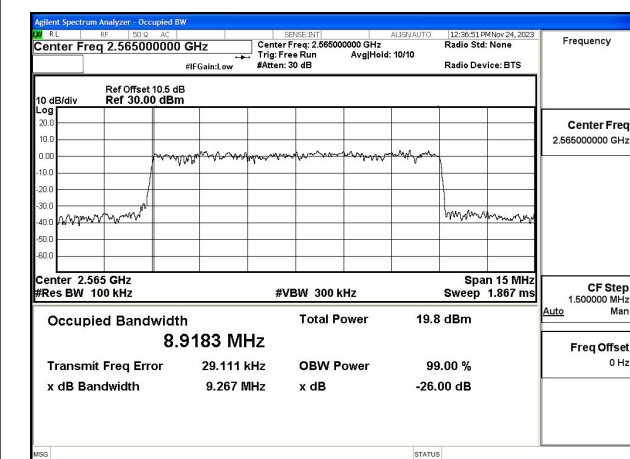


Fig.30



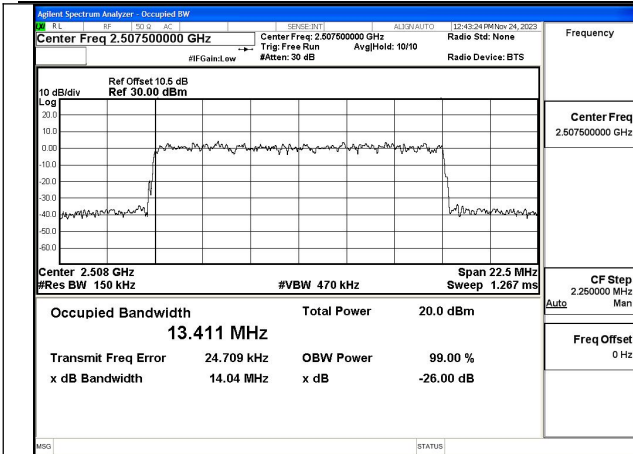


Fig.31

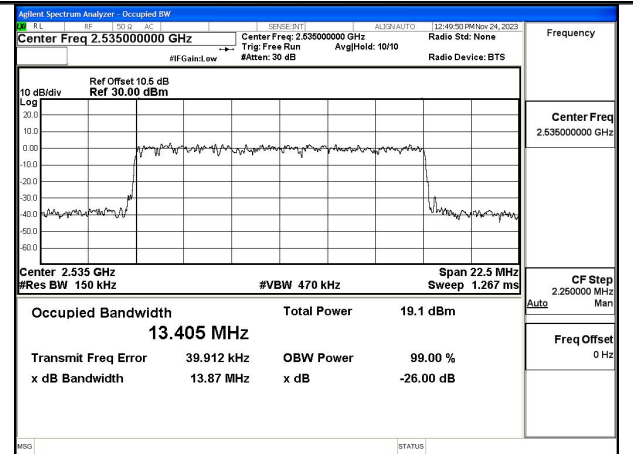


Fig.32

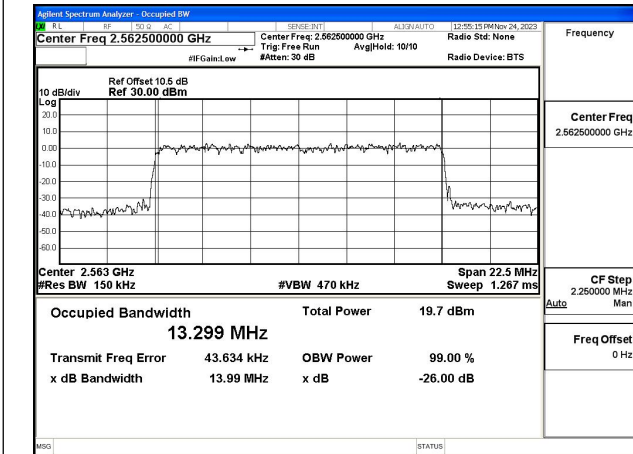


Fig.33

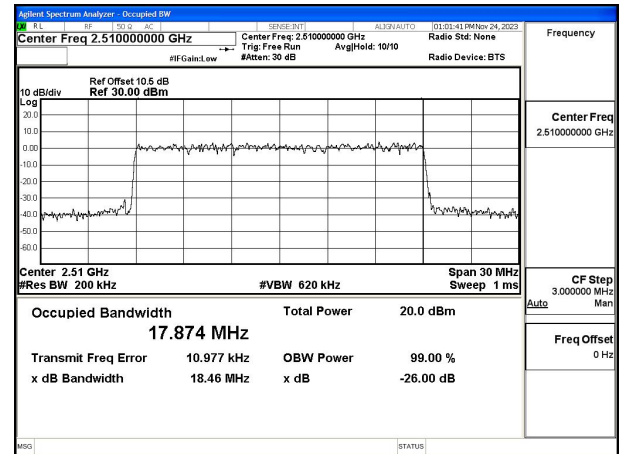


Fig.34

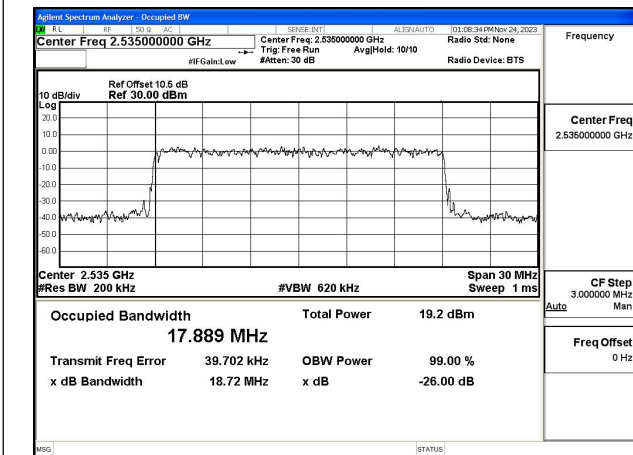


Fig.35

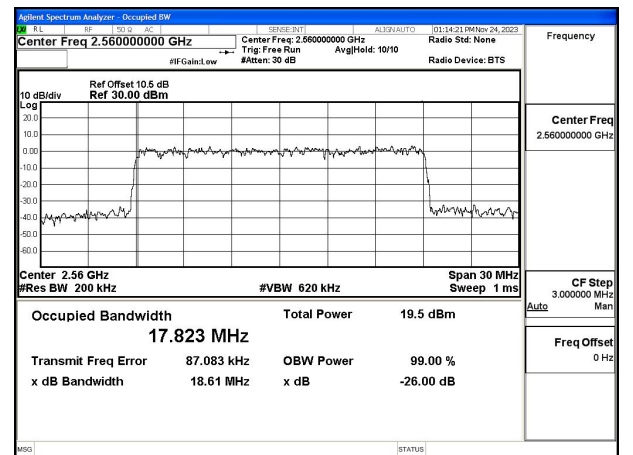


Fig.36

**3 Emission Bandwidth**

| Band | Mode | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of -26dB transmitter power (MHz) |        |
|------|------|-------------------------|---------|----------|---------|-----------|--|--------|
| 7    | QPSK | 2502.5                  | 20775   | 5        | 25      | 0         | 4.663                                      | Fig.1  |
| 7    | QPSK | 2535                    | 21100   | 5        | 25      | 0         | 4.720                                      | Fig.2  |
| 7    | QPSK | 2567.5                  | 21425   | 5        | 25      | 0         | 4.674                                      | Fig.3  |
| 7    | QPSK | 2505                    | 20800   | 10       | 50      | 0         | 9.344                                      | Fig.4  |
| 7    | QPSK | 2535                    | 21100   | 10       | 50      | 0         | 9.269                                      | Fig.5  |
| 7    | QPSK | 2565                    | 21400   | 10       | 50      | 0         | 9.258                                      | Fig.6  |
| 7    | QPSK | 2507.5                  | 20825   | 15       | 75      | 0         | 13.970                                     | Fig.7  |
| 7    | QPSK | 2535                    | 21100   | 15       | 75      | 0         | 13.850                                     | Fig.8  |
| 7    | QPSK | 2562.5                  | 21375   | 15       | 75      | 0         | 13.912                                     | Fig.9  |
| 7    | QPSK | 2510                    | 20850   | 20       | 100     | 0         | 18.474                                     | Fig.10 |
| 7    | QPSK | 2535                    | 21100   | 20       | 100     | 0         | 18.497                                     | Fig.11 |
| 7    | QPSK | 2560                    | 21350   | 20       | 100     | 0         | 18.684                                     | Fig.12 |

| Band | Mode  | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of -26dB transmitter power (MHz) |        |
|------|-------|-------------------------|---------|----------|---------|-----------|--|--------|
| 7    | 16QAM | 2502.5                  | 20775   | 5        | 25      | 0         | 4.646                                      | Fig.13 |
| 7    | 16QAM | 2535                    | 21100   | 5        | 25      | 0         | 4.672                                      | Fig.14 |
| 7    | 16QAM | 2567.5                  | 21425   | 5        | 25      | 0         | 4.656                                      | Fig.15 |
| 7    | 16QAM | 2505                    | 20800   | 10       | 50      | 0         | 9.261                                      | Fig.16 |
| 7    | 16QAM | 2535                    | 21100   | 10       | 50      | 0         | 9.295                                      | Fig.17 |
| 7    | 16QAM | 2565                    | 21400   | 10       | 50      | 0         | 9.239                                      | Fig.18 |
| 7    | 16QAM | 2507.5                  | 20825   | 15       | 75      | 0         | 13.885                                     | Fig.19 |
| 7    | 16QAM | 2535                    | 21100   | 15       | 75      | 0         | 13.871                                     | Fig.20 |
| 7    | 16QAM | 2562.5                  | 21375   | 15       | 75      | 0         | 13.875                                     | Fig.21 |
| 7    | 16QAM | 2510                    | 20850   | 20       | 100     | 0         | 18.472                                     | Fig.22 |
| 7    | 16QAM | 2535                    | 21100   | 20       | 100     | 0         | 18.524                                     | Fig.23 |
| 7    | 16QAM | 2560                    | 21350   | 20       | 100     | 0         | 18.473                                     | Fig.24 |

| Band | Mode  | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of -26dB transmitter power (MHz) |        |
|------|-------|-------------------------|---------|----------|---------|-----------|--|--------|
| 7    | 64QAM | 2502.5                  | 20775   | 5        | 25      | 0         | 4.696                                      | Fig.25 |
| 7    | 64QAM | 2535                    | 21100   | 5        | 25      | 0         | 4.676                                      | Fig.26 |
| 7    | 64QAM | 2567.5                  | 21425   | 5        | 25      | 0         | 4.691                                      | Fig.27 |
| 7    | 64QAM | 2505                    | 20800   | 10       | 50      | 0         | 9.298                                      | Fig.28 |
| 7    | 64QAM | 2535                    | 21100   | 10       | 50      | 0         | 9.242                                      | Fig.29 |
| 7    | 64QAM | 2565                    | 21400   | 10       | 50      | 0         | 9.267                                      | Fig.30 |
| 7    | 64QAM | 2507.5                  | 20825   | 15       | 75      | 0         | 14.040                                     | Fig.31 |
| 7    | 64QAM | 2535                    | 21100   | 15       | 75      | 0         | 13.875                                     | Fig.32 |
| 7    | 64QAM | 2562.5                  | 21375   | 15       | 75      | 0         | 13.989                                     | Fig.33 |
| 7    | 64QAM | 2510                    | 20850   | 20       | 100     | 0         | 18.464                                     | Fig.34 |
| 7    | 64QAM | 2535                    | 21100   | 20       | 100     | 0         | 18.716                                     | Fig.35 |
| 7    | 64QAM | 2560                    | 21350   | 20       | 100     | 0         | 18.614                                     | Fig.36 |