

## 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         | 23.22                 |
| QPSK       | 2502.5                  | 20775      | 5  | 1       | 12        | 22.66                 |
| QPSK       | 2502.5                  | 20775      | 5  | 1       | 24        | 22.69                 |
| QPSK       | 2502.5                  | 20775      | 5  | 12      | 0         | 21.95                 |
| QPSK       | 2502.5                  | 20775      | 5  | 12      | 7         | 22.00                 |
| QPSK       | 2502.5                  | 20775      | 5  | 12      | 13        | 21.84                 |
| QPSK       | 2502.5                  | 20775      | 5  | 25      | 0         | 21.86                 |
| QPSK       | 2535                    | 21100      | 5  | 1       | 0         | 22.79                 |
| QPSK       | 2535                    | 21100      | 5  | 1       | 12        | 22.86                 |
| QPSK       | 2535                    | 21100      | 5  | 1       | 24        | 22.92                 |
| QPSK       | 2535                    | 21100      | 5  | 12      | 0         | 21.82                 |
| QPSK       | 2535                    | 21100      | 5  | 12      | 7         | 21.69                 |
| QPSK       | 2535                    | 21100      | 5  | 12      | 13        | 21.72                 |
| QPSK       | 2535                    | 21100      | 5  | 25      | 0         | 21.78                 |
| QPSK       | 2567.5                  | 21425      | 5  | 1       | 0         | 23.61                 |
| QPSK       | 2567.5                  | 21425      | 5  | 1       | 12        | 23.37                 |
| QPSK       | 2567.5                  | 21425      | 5  | 1       | 24        | 23.42                 |
| QPSK       | 2567.5                  | 21425      | 5  | 12      | 0         | 22.16                 |
| QPSK       | 2567.5                  | 21425      | 5  | 12      | 7         | 22.25                 |
| QPSK       | 2567.5                  | 21425      | 5  | 12      | 13        | 22.19                 |
| QPSK       | 2567.5                  | 21425      | 5  | 25      | 0         | 22.11                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM      | 2502.5                  | 20775      | 5  | 1       | 0         | 22.34                 |
| 16QAM      | 2502.5                  | 20775      | 5  | 1       | 12        | 21.97                 |
| 16QAM      | 2502.5                  | 20775      | 5  | 1       | 24        | 22.62                 |
| 16QAM      | 2502.5                  | 20775      | 5  | 12      | 0         | 20.98                 |
| 16QAM      | 2502.5                  | 20775      | 5  | 12      | 7         | 21.02                 |
| 16QAM      | 2502.5                  | 20775      | 5  | 12      | 13        | 20.99                 |
| 16QAM      | 2502.5                  | 20775      | 5  | 25      | 0         | 20.97                 |
| 16QAM      | 2535                    | 21100      | 5  | 1       | 0         | 22.85                 |
| 16QAM      | 2535                    | 21100      | 5  | 1       | 12        | 21.88                 |
| 16QAM      | 2535                    | 21100      | 5  | 1       | 24        | 22.56                 |
| 16QAM      | 2535                    | 21100      | 5  | 12      | 0         | 20.75                 |
| 16QAM      | 2535                    | 21100      | 5  | 12      | 7         | 20.90                 |
| 16QAM      | 2535                    | 21100      | 5  | 12      | 13        | 20.77                 |
| 16QAM      | 2535                    | 21100      | 5  | 25      | 0         | 20.78                 |
| 16QAM      | 2567.5                  | 21425      | 5  | 1       | 0         | 22.59                 |
| 16QAM      | 2567.5                  | 21425      | 5  | 1       | 12        | 22.33                 |
| 16QAM      | 2567.5                  | 21425      | 5  | 1       | 24        | 22.66                 |
| 16QAM      | 2567.5                  | 21425      | 5  | 12      | 0         | 21.22                 |
| 16QAM      | 2567.5                  | 21425      | 5  | 12      | 7         | 21.43                 |
| 16QAM      | 2567.5                  | 21425      | 5  | 12      | 13        | 21.31                 |
| 16QAM      | 2567.5                  | 21425      | 5  | 25      | 0         | 21.41                 |
| 64QAM      | 2502.5                  | 20775      | 5  | 1       | 0         | 21.28                 |
| 64QAM      | 2502.5                  | 20775      | 5  | 1       | 12        | 21.06                 |
| 64QAM      | 2502.5                  | 20775      | 5  | 1       | 24        | 20.68                 |
| 64QAM      | 2502.5                  | 20775      | 5  | 12      | 0         | 19.78                 |
| 64QAM      | 2502.5                  | 20775      | 5  | 12      | 7         | 19.99                 |
| 64QAM      | 2502.5                  | 20775      | 5  | 12      | 13        | 19.96                 |
| 64QAM      | 2502.5                  | 20775      | 5  | 25      | 0         | 20.00                 |
| 64QAM      | 2535                    | 21100      | 5  | 1       | 0         | 20.86                 |
| 64QAM      | 2535                    | 21100      | 5  | 1       | 12        | 20.78                 |
| 64QAM      | 2535                    | 21100      | 5  | 1       | 24        | 20.48                 |
| 64QAM      | 2535                    | 21100      | 5  | 12      | 0         | 19.85                 |
| 64QAM      | 2535                    | 21100      | 5  | 12      | 7         | 19.89                 |
| 64QAM      | 2535                    | 21100      | 5  | 12      | 13        | 19.86                 |
| 64QAM      | 2535                    | 21100      | 5  | 25      | 0         | 19.76                 |
| 64QAM      | 2567.5                  | 21425      | 5  | 1       | 0         | 21.78                 |
| 64QAM      | 2567.5                  | 21425      | 5  | 1       | 12        | 21.19                 |
| 64QAM      | 2567.5                  | 21425      | 5  | 1       | 24        | 21.86                 |
| 64QAM      | 2567.5                  | 21425      | 5  | 12      | 0         | 20.32                 |
| 64QAM      | 2567.5                  | 21425      | 5  | 12      | 7         | 20.42                 |
| 64QAM      | 2567.5                  | 21425      | 5  | 12      | 13        | 20.95                 |
| 64QAM      | 2567.5                  | 21425      | 5  | 25      | 0         | 20.29                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 2505                    | 20800      | 10 | 1       | 0         | 23.11                 |
| QPSK       | 2505                    | 20800      | 10 | 1       | 25        | 23.12                 |
| QPSK       | 2505                    | 20800      | 10 | 1       | 49        | 22.96                 |
| QPSK       | 2505                    | 20800      | 10 | 25      | 0         | 21.88                 |
| QPSK       | 2505                    | 20800      | 10 | 25      | 12        | 21.88                 |
| QPSK       | 2505                    | 20800      | 10 | 25      | 25        | 22.05                 |
| QPSK       | 2505                    | 20800      | 10 | 50      | 0         | 22.03                 |
| QPSK       | 2535                    | 21100      | 10 | 1       | 0         | 22.96                 |
| QPSK       | 2535                    | 21100      | 10 | 1       | 25        | 22.95                 |
| QPSK       | 2535                    | 21100      | 10 | 1       | 49        | 22.91                 |
| QPSK       | 2535                    | 21100      | 10 | 25      | 0         | 21.75                 |
| QPSK       | 2535                    | 21100      | 10 | 25      | 12        | 21.78                 |
| QPSK       | 2535                    | 21100      | 10 | 25      | 25        | 21.79                 |
| QPSK       | 2535                    | 21100      | 10 | 50      | 0         | 21.78                 |
| QPSK       | 2565                    | 21400      | 10 | 1       | 0         | 22.84                 |
| QPSK       | 2565                    | 21400      | 10 | 1       | 25        | 23.09                 |
| QPSK       | 2565                    | 21400      | 10 | 1       | 49        | 23.08                 |
| QPSK       | 2565                    | 21400      | 10 | 25      | 0         | 21.97                 |
| QPSK       | 2565                    | 21400      | 10 | 25      | 12        | 22.08                 |
| QPSK       | 2565                    | 21400      | 10 | 25      | 25        | 22.03                 |
| QPSK       | 2565                    | 21400      | 10 | 50      | 0         | 21.97                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM      | 2505                    | 20800      | 10 | 1       | 0         | 22.14                 |
| 16QAM      | 2505                    | 20800      | 10 | 1       | 25        | 22.20                 |
| 16QAM      | 2505                    | 20800      | 10 | 1       | 49        | 22.18                 |
| 16QAM      | 2505                    | 20800      | 10 | 25      | 0         | 21.31                 |
| 16QAM      | 2505                    | 20800      | 10 | 25      | 12        | 21.28                 |
| 16QAM      | 2505                    | 20800      | 10 | 25      | 25        | 21.27                 |
| 16QAM      | 2505                    | 20800      | 10 | 50      | 0         | 20.96                 |
| 16QAM      | 2535                    | 21100      | 10 | 1       | 0         | 22.38                 |
| 16QAM      | 2535                    | 21100      | 10 | 1       | 25        | 22.07                 |
| 16QAM      | 2535                    | 21100      | 10 | 1       | 49        | 21.90                 |
| 16QAM      | 2535                    | 21100      | 10 | 25      | 0         | 21.11                 |
| 16QAM      | 2535                    | 21100      | 10 | 25      | 12        | 20.98                 |
| 16QAM      | 2535                    | 21100      | 10 | 25      | 25        | 20.83                 |
| 16QAM      | 2535                    | 21100      | 10 | 50      | 0         | 20.77                 |
| 16QAM      | 2565                    | 21400      | 10 | 1       | 0         | 22.43                 |
| 16QAM      | 2565                    | 21400      | 10 | 1       | 25        | 22.57                 |
| 16QAM      | 2565                    | 21400      | 10 | 1       | 49        | 22.68                 |
| 16QAM      | 2565                    | 21400      | 10 | 25      | 0         | 21.22                 |
| 16QAM      | 2565                    | 21400      | 10 | 25      | 12        | 21.17                 |
| 16QAM      | 2565                    | 21400      | 10 | 25      | 25        | 21.10                 |
| 16QAM      | 2565                    | 21400      | 10 | 50      | 0         | 21.25                 |
| 64QAM      | 2505                    | 20800      | 10 | 1       | 0         | 21.29                 |
| 64QAM      | 2505                    | 20800      | 10 | 1       | 25        | 21.54                 |
| 64QAM      | 2505                    | 20800      | 10 | 1       | 49        | 21.44                 |
| 64QAM      | 2505                    | 20800      | 10 | 25      | 0         | 19.97                 |
| 64QAM      | 2505                    | 20800      | 10 | 25      | 12        | 20.56                 |
| 64QAM      | 2505                    | 20800      | 10 | 25      | 25        | 20.04                 |
| 64QAM      | 2505                    | 20800      | 10 | 50      | 0         | 20.62                 |
| 64QAM      | 2535                    | 21100      | 10 | 1       | 0         | 20.64                 |
| 64QAM      | 2535                    | 21100      | 10 | 1       | 25        | 20.86                 |
| 64QAM      | 2535                    | 21100      | 10 | 1       | 49        | 20.75                 |
| 64QAM      | 2535                    | 21100      | 10 | 25      | 0         | 19.89                 |
| 64QAM      | 2535                    | 21100      | 10 | 25      | 12        | 19.79                 |
| 64QAM      | 2535                    | 21100      | 10 | 25      | 25        | 19.84                 |
| 64QAM      | 2535                    | 21100      | 10 | 50      | 0         | 20.02                 |
| 64QAM      | 2565                    | 21400      | 10 | 1       | 0         | 21.18                 |
| 64QAM      | 2565                    | 21400      | 10 | 1       | 25        | 21.03                 |
| 64QAM      | 2565                    | 21400      | 10 | 1       | 49        | 21.22                 |
| 64QAM      | 2565                    | 21400      | 10 | 25      | 0         | 20.12                 |
| 64QAM      | 2565                    | 21400      | 10 | 25      | 12        | 20.11                 |
| 64QAM      | 2565                    | 21400      | 10 | 25      | 25        | 20.24                 |
| 64QAM      | 2565                    | 21400      | 10 | 50      | 0         | 20.32                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 2507.5                  | 20825      | 15 | 1       | 0         | 22.85                 |
| QPSK       | 2507.5                  | 20825      | 15 | 1       | 37        | 22.96                 |
| QPSK       | 2507.5                  | 20825      | 15 | 1       | 74        | 22.83                 |
| QPSK       | 2507.5                  | 20825      | 15 | 36      | 0         | 21.93                 |
| QPSK       | 2507.5                  | 20825      | 15 | 36      | 29        | 22.00                 |
| QPSK       | 2507.5                  | 20825      | 15 | 36      | 30        | 22.00                 |
| QPSK       | 2507.5                  | 20825      | 15 | 75      | 0         | 22.00                 |
| QPSK       | 2535                    | 21100      | 15 | 1       | 0         | 22.90                 |
| QPSK       | 2535                    | 21100      | 15 | 1       | 37        | 22.78                 |
| QPSK       | 2535                    | 21100      | 15 | 1       | 74        | 22.71                 |
| QPSK       | 2535                    | 21100      | 15 | 36      | 0         | 21.86                 |
| QPSK       | 2535                    | 21100      | 15 | 36      | 29        | 21.83                 |
| QPSK       | 2535                    | 21100      | 15 | 36      | 30        | 21.67                 |
| QPSK       | 2535                    | 21100      | 15 | 75      | 0         | 21.74                 |
| QPSK       | 2562.5                  | 21375      | 15 | 1       | 0         | 22.94                 |
| QPSK       | 2562.5                  | 21375      | 15 | 1       | 37        | 23.17                 |
| QPSK       | 2562.5                  | 21375      | 15 | 1       | 74        | 22.92                 |
| QPSK       | 2562.5                  | 21375      | 15 | 36      | 0         | 21.91                 |
| QPSK       | 2562.5                  | 21375      | 15 | 36      | 29        | 22.07                 |
| QPSK       | 2562.5                  | 21375      | 15 | 36      | 30        | 22.05                 |
| QPSK       | 2562.5                  | 21375      | 15 | 75      | 0         | 22.14                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM      | 2507.5                  | 20825      | 15 | 1       | 0         | 22.66                 |
| 16QAM      | 2507.5                  | 20825      | 15 | 1       | 37        | 23.05                 |
| 16QAM      | 2507.5                  | 20825      | 15 | 1       | 74        | 22.24                 |
| 16QAM      | 2507.5                  | 20825      | 15 | 36      | 0         | 20.97                 |
| 16QAM      | 2507.5                  | 20825      | 15 | 36      | 29        | 21.03                 |
| 16QAM      | 2507.5                  | 20825      | 15 | 36      | 30        | 21.05                 |
| 16QAM      | 2507.5                  | 20825      | 15 | 75      | 0         | 21.06                 |
| 16QAM      | 2535                    | 21100      | 15 | 1       | 0         | 21.94                 |
| 16QAM      | 2535                    | 21100      | 15 | 1       | 37        | 21.93                 |
| 16QAM      | 2535                    | 21100      | 15 | 1       | 74        | 21.92                 |
| 16QAM      | 2535                    | 21100      | 15 | 36      | 0         | 21.04                 |
| 16QAM      | 2535                    | 21100      | 15 | 36      | 29        | 21.02                 |
| 16QAM      | 2535                    | 21100      | 15 | 36      | 30        | 20.92                 |
| 16QAM      | 2535                    | 21100      | 15 | 75      | 0         | 20.80                 |
| 16QAM      | 2562.5                  | 21375      | 15 | 1       | 0         | 21.87                 |
| 16QAM      | 2562.5                  | 21375      | 15 | 1       | 37        | 22.10                 |
| 16QAM      | 2562.5                  | 21375      | 15 | 1       | 74        | 22.62                 |
| 16QAM      | 2562.5                  | 21375      | 15 | 36      | 0         | 21.22                 |
| 16QAM      | 2562.5                  | 21375      | 15 | 36      | 29        | 21.24                 |
| 16QAM      | 2562.5                  | 21375      | 15 | 36      | 30        | 21.31                 |
| 16QAM      | 2562.5                  | 21375      | 15 | 75      | 0         | 21.20                 |
| 64QAM      | 2507.5                  | 20825      | 15 | 1       | 0         | 20.70                 |
| 64QAM      | 2507.5                  | 20825      | 15 | 1       | 37        | 21.18                 |
| 64QAM      | 2507.5                  | 20825      | 15 | 1       | 74        | 21.44                 |
| 64QAM      | 2507.5                  | 20825      | 15 | 36      | 0         | 20.60                 |
| 64QAM      | 2507.5                  | 20825      | 15 | 36      | 29        | 20.13                 |
| 64QAM      | 2507.5                  | 20825      | 15 | 36      | 30        | 20.13                 |
| 64QAM      | 2507.5                  | 20825      | 15 | 75      | 0         | 19.96                 |
| 64QAM      | 2535                    | 21100      | 15 | 1       | 0         | 21.39                 |
| 64QAM      | 2535                    | 21100      | 15 | 1       | 37        | 21.18                 |
| 64QAM      | 2535                    | 21100      | 15 | 1       | 74        | 21.47                 |
| 64QAM      | 2535                    | 21100      | 15 | 36      | 0         | 20.24                 |
| 64QAM      | 2535                    | 21100      | 15 | 36      | 29        | 20.28                 |
| 64QAM      | 2535                    | 21100      | 15 | 36      | 30        | 20.24                 |
| 64QAM      | 2535                    | 21100      | 15 | 75      | 0         | 20.18                 |
| 64QAM      | 2562.5                  | 21375      | 15 | 1       | 0         | 21.78                 |
| 64QAM      | 2562.5                  | 21375      | 15 | 1       | 37        | 21.66                 |
| 64QAM      | 2562.5                  | 21375      | 15 | 1       | 74        | 21.22                 |
| 64QAM      | 2562.5                  | 21375      | 15 | 36      | 0         | 20.18                 |
| 64QAM      | 2562.5                  | 21375      | 15 | 36      | 29        | 20.26                 |
| 64QAM      | 2562.5                  | 21375      | 15 | 36      | 30        | 20.21                 |
| 64QAM      | 2562.5                  | 21375      | 15 | 75      | 0         | 20.14                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 2510                    | 20850      | 20 | 1       | 0         | 23.06                 |
| QPSK       | 2510                    | 20850      | 20 | 1       | 49        | 22.90                 |
| QPSK       | 2510                    | 20850      | 20 | 1       | 99        | 22.85                 |
| QPSK       | 2510                    | 20850      | 20 | 50      | 0         | 22.06                 |
| QPSK       | 2510                    | 20850      | 20 | 50      | 24        | 22.06                 |
| QPSK       | 2510                    | 20850      | 20 | 50      | 50        | 22.05                 |
| QPSK       | 2510                    | 20850      | 20 | 100     | 0         | 22.05                 |
| QPSK       | 2535                    | 21100      | 20 | 1       | 0         | 22.87                 |
| QPSK       | 2535                    | 21100      | 20 | 1       | 49        | 23.00                 |
| QPSK       | 2535                    | 21100      | 20 | 1       | 99        | 22.87                 |
| QPSK       | 2535                    | 21100      | 20 | 50      | 0         | 21.95                 |
| QPSK       | 2535                    | 21100      | 20 | 50      | 24        | 21.76                 |
| QPSK       | 2535                    | 21100      | 20 | 50      | 50        | 21.75                 |
| QPSK       | 2535                    | 21100      | 20 | 100     | 0         | 21.74                 |
| QPSK       | 2560                    | 21350      | 20 | 1       | 0         | 22.85                 |
| QPSK       | 2560                    | 21350      | 20 | 1       | 49        | 22.91                 |
| QPSK       | 2560                    | 21350      | 20 | 1       | 99        | 23.13                 |
| QPSK       | 2560                    | 21350      | 20 | 50      | 0         | 21.83                 |
| QPSK       | 2560                    | 21350      | 20 | 50      | 24        | 22.02                 |
| QPSK       | 2560                    | 21350      | 20 | 50      | 50        | 22.01                 |
| QPSK       | 2560                    | 21350      | 20 | 100     | 0         | 22.04                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM      | 2510                    | 20850      | 20 | 1       | 0         | 22.54                 |
| 16QAM      | 2510                    | 20850      | 20 | 1       | 49        | 22.43                 |
| 16QAM      | 2510                    | 20850      | 20 | 1       | 99        | 22.24                 |
| 16QAM      | 2510                    | 20850      | 20 | 50      | 0         | 21.16                 |
| 16QAM      | 2510                    | 20850      | 20 | 50      | 24        | 21.22                 |
| 16QAM      | 2510                    | 20850      | 20 | 50      | 50        | 21.10                 |
| 16QAM      | 2510                    | 20850      | 20 | 100     | 0         | 21.06                 |
| 16QAM      | 2535                    | 21100      | 20 | 1       | 0         | 22.68                 |
| 16QAM      | 2535                    | 21100      | 20 | 1       | 49        | 22.09                 |
| 16QAM      | 2535                    | 21100      | 20 | 1       | 99        | 22.36                 |
| 16QAM      | 2535                    | 21100      | 20 | 50      | 0         | 21.14                 |
| 16QAM      | 2535                    | 21100      | 20 | 50      | 24        | 20.92                 |
| 16QAM      | 2535                    | 21100      | 20 | 50      | 50        | 20.89                 |
| 16QAM      | 2535                    | 21100      | 20 | 100     | 0         | 20.82                 |
| 16QAM      | 2560                    | 21350      | 20 | 1       | 0         | 21.98                 |
| 16QAM      | 2560                    | 21350      | 20 | 1       | 49        | 22.63                 |
| 16QAM      | 2560                    | 21350      | 20 | 1       | 99        | 22.42                 |
| 16QAM      | 2560                    | 21350      | 20 | 50      | 0         | 21.01                 |
| 16QAM      | 2560                    | 21350      | 20 | 50      | 24        | 21.08                 |
| 16QAM      | 2560                    | 21350      | 20 | 50      | 50        | 21.26                 |
| 16QAM      | 2560                    | 21350      | 20 | 100     | 0         | 21.00                 |
| 64QAM      | 2510                    | 20850      | 20 | 1       | 0         | 20.70                 |
| 64QAM      | 2510                    | 20850      | 20 | 1       | 49        | 20.92                 |
| 64QAM      | 2510                    | 20850      | 20 | 1       | 99        | 21.18                 |
| 64QAM      | 2510                    | 20850      | 20 | 50      | 0         | 20.47                 |
| 64QAM      | 2510                    | 20850      | 20 | 50      | 24        | 20.13                 |
| 64QAM      | 2510                    | 20850      | 20 | 50      | 50        | 20.96                 |
| 64QAM      | 2510                    | 20850      | 20 | 100     | 0         | 20.05                 |
| 64QAM      | 2535                    | 21100      | 20 | 1       | 0         | 21.57                 |
| 64QAM      | 2535                    | 21100      | 20 | 1       | 49        | 21.14                 |
| 64QAM      | 2535                    | 21100      | 20 | 1       | 99        | 21.01                 |
| 64QAM      | 2535                    | 21100      | 20 | 50      | 0         | 20.19                 |
| 64QAM      | 2535                    | 21100      | 20 | 50      | 24        | 20.16                 |
| 64QAM      | 2535                    | 21100      | 20 | 50      | 50        | 20.03                 |
| 64QAM      | 2535                    | 21100      | 20 | 100     | 0         | 19.82                 |
| 64QAM      | 2560                    | 21350      | 20 | 1       | 0         | 20.94                 |
| 64QAM      | 2560                    | 21350      | 20 | 1       | 49        | 21.10                 |
| 64QAM      | 2560                    | 21350      | 20 | 1       | 99        | 20.96                 |
| 64QAM      | 2560                    | 21350      | 20 | 50      | 0         | 20.54                 |
| 64QAM      | 2560                    | 21350      | 20 | 50      | 24        | 20.13                 |
| 64QAM      | 2560                    | 21350      | 20 | 50      | 50        | 20.29                 |
| 64QAM      | 2560                    | 21350      | 20 | 100     | 0         | 20.14                 |



## 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         | 4.460                        | Fig.1  |
| 7    | QPSK | 2535                    | 21100   | 5        | 25      | 0         | 4.470                        | Fig.2  |
| 7    | QPSK | 2567.5                  | 21425   | 5        | 25      | 0         | 4.460                        | Fig.3  |
| 7    | QPSK | 2505                    | 20800   | 10       | 50      | 0         | 8.910                        | Fig.4  |
| 7    | QPSK | 2535                    | 21100   | 10       | 50      | 0         | 8.920                        | Fig.5  |
| 7    | QPSK | 2565                    | 21400   | 10       | 50      | 0         | 8.890                        | Fig.6  |
| 7    | QPSK | 2507.5                  | 20825   | 15       | 75      | 0         | 13.370                       | Fig.7  |
| 7    | QPSK | 2535                    | 21100   | 15       | 75      | 0         | 13.360                       | Fig.8  |
| 7    | QPSK | 2562.5                  | 21375   | 15       | 75      | 0         | 13.350                       | Fig.9  |
| 7    | QPSK | 2510                    | 20850   | 20       | 100     | 0         | 17.860                       | Fig.10 |
| 7    | QPSK | 2535                    | 21100   | 20       | 100     | 0         | 17.830                       | Fig.11 |
| 7    | QPSK | 2560                    | 21350   | 20       | 100     | 0         | 17.830                       | 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         | 4.460                        | Fig.13 |
| 7    | 16QAM | 2535                    | 21100   | 5        | 25      | 0         | 4.460                        | Fig.14 |
| 7    | 16QAM | 2567.5                  | 21425   | 5        | 25      | 0         | 4.450                        | Fig.15 |
| 7    | 16QAM | 2505                    | 20800   | 10       | 50      | 0         | 8.920                        | Fig.16 |
| 7    | 16QAM | 2535                    | 21100   | 10       | 50      | 0         | 8.910                        | Fig.17 |
| 7    | 16QAM | 2565                    | 21400   | 10       | 50      | 0         | 8.910                        | Fig.18 |
| 7    | 16QAM | 2507.5                  | 20825   | 15       | 75      | 0         | 13.390                       | Fig.19 |
| 7    | 16QAM | 2535                    | 21100   | 15       | 75      | 0         | 13.370                       | Fig.20 |
| 7    | 16QAM | 2562.5                  | 21375   | 15       | 75      | 0         | 13.370                       | Fig.21 |
| 7    | 16QAM | 2510                    | 20850   | 20       | 100     | 0         | 17.850                       | Fig.22 |
| 7    | 16QAM | 2535                    | 21100   | 20       | 100     | 0         | 17.850                       | Fig.23 |
| 7    | 16QAM | 2560                    | 21350   | 20       | 100     | 0         | 17.850                       | 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         | 4.470                        | Fig.25 |
| 7    | 64QAM | 2535                    | 21100   | 5        | 25      | 0         | 4.460                        | Fig.26 |
| 7    | 64QAM | 2567.5                  | 21425   | 5        | 25      | 0         | 4.450                        | Fig.27 |
| 7    | 64QAM | 2505                    | 20800   | 10       | 50      | 0         | 8.910                        | Fig.28 |
| 7    | 64QAM | 2535                    | 21100   | 10       | 50      | 0         | 8.910                        | Fig.29 |
| 7    | 64QAM | 2565                    | 21400   | 10       | 50      | 0         | 8.930                        | Fig.30 |
| 7    | 64QAM | 2507.5                  | 20825   | 15       | 75      | 0         | 13.370                       | Fig.31 |
| 7    | 64QAM | 2535                    | 21100   | 15       | 75      | 0         | 13.370                       | Fig.32 |
| 7    | 64QAM | 2562.5                  | 21375   | 15       | 75      | 0         | 13.340                       | Fig.33 |
| 7    | 64QAM | 2510                    | 20850   | 20       | 100     | 0         | 17.860                       | Fig.34 |
| 7    | 64QAM | 2535                    | 21100   | 20       | 100     | 0         | 17.880                       | Fig.35 |
| 7    | 64QAM | 2560                    | 21350   | 20       | 100     | 0         | 17.850                       | Fig.36 |

Test Mode: QPSK

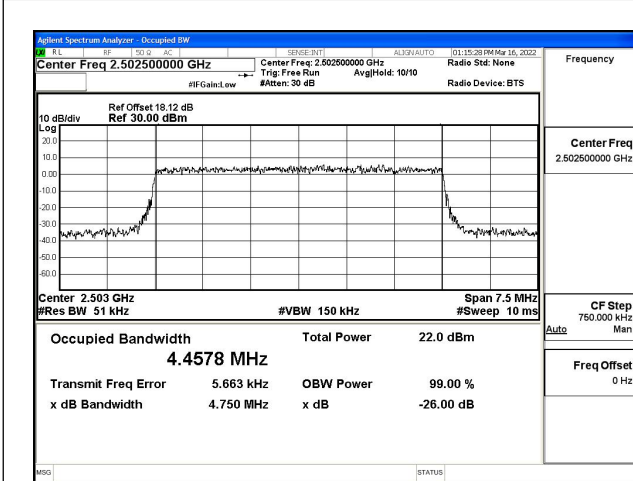


Fig.1

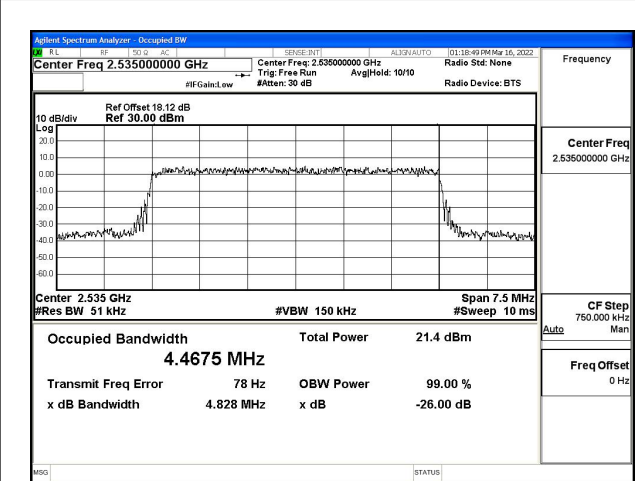


Fig.2

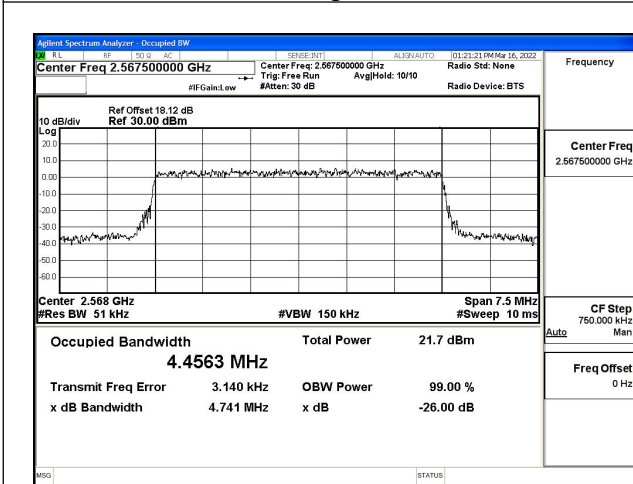


Fig.3

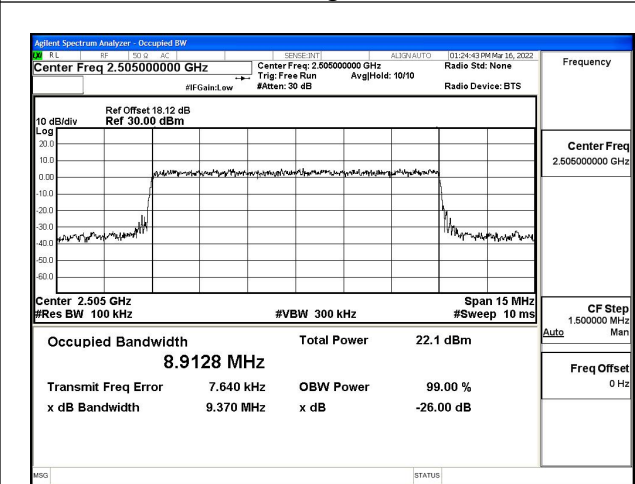


Fig.4

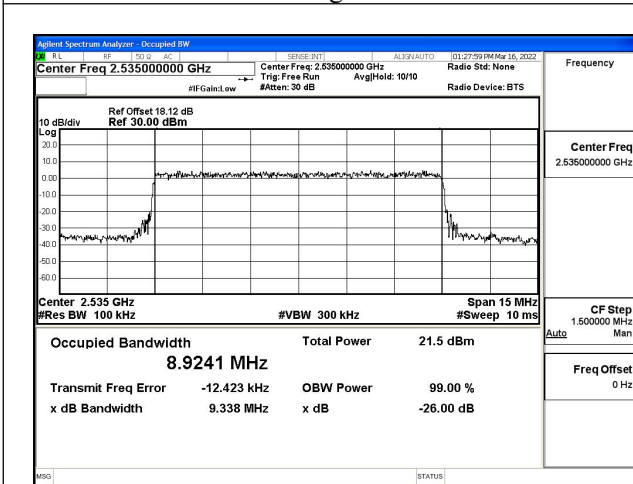


Fig.5

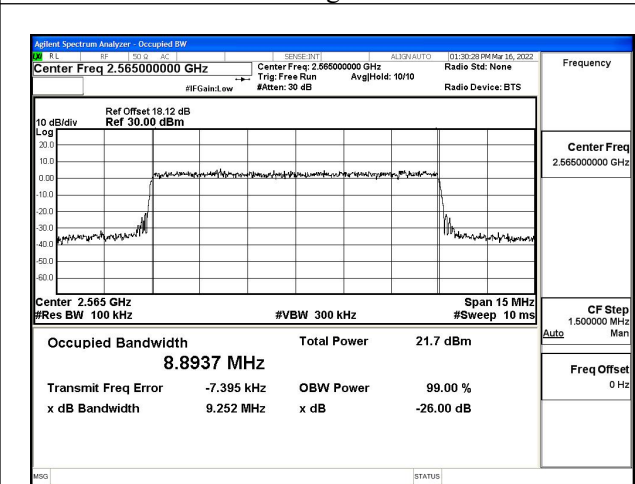


Fig.6

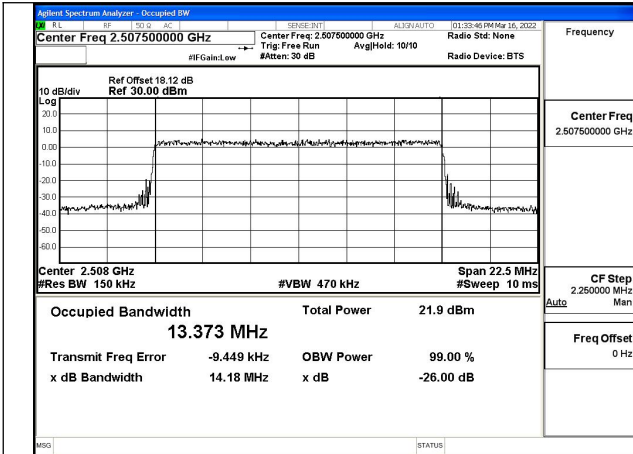


Fig.7

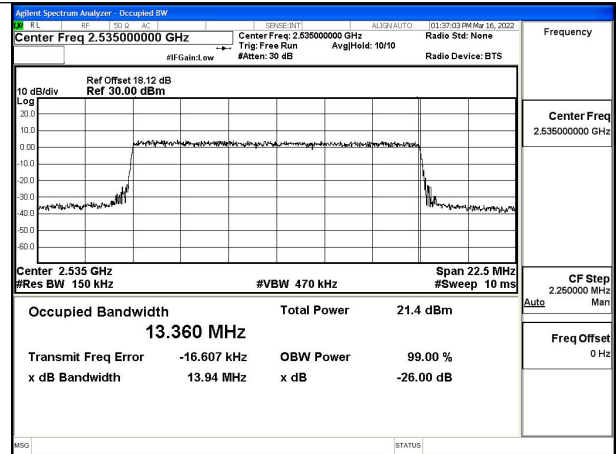


Fig.8

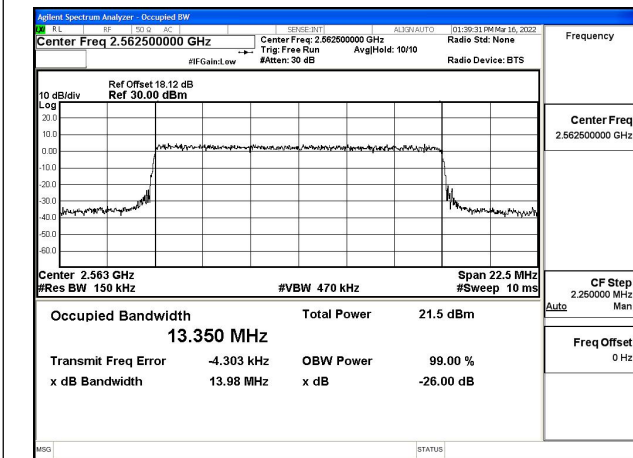


Fig.9

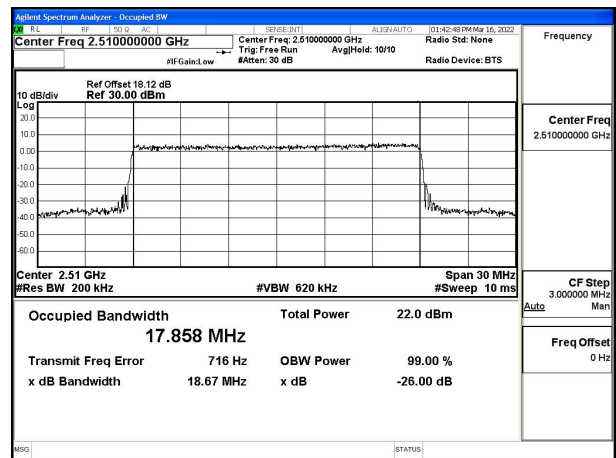


Fig.10

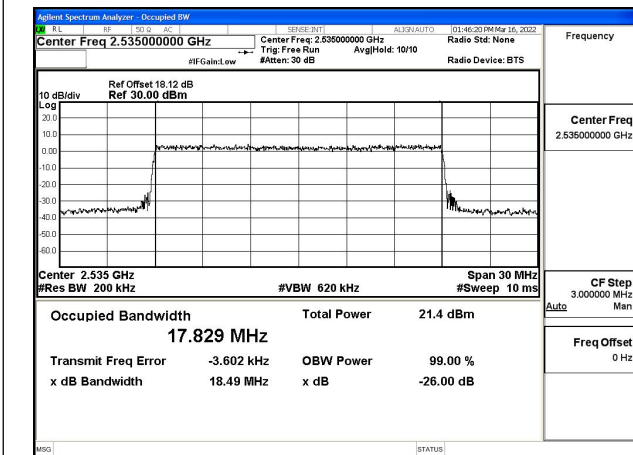


Fig.11

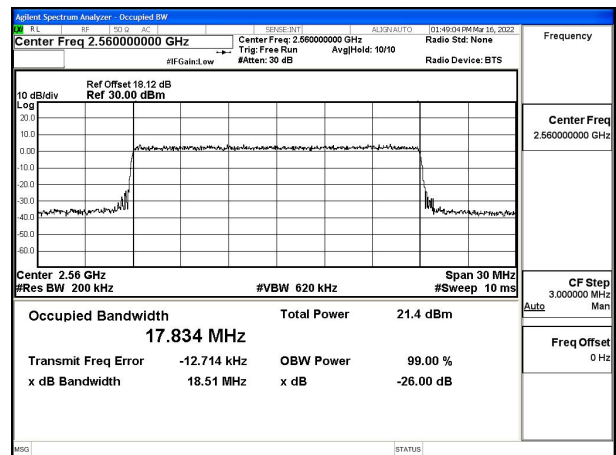


Fig.12

Test Mode: 16QAM

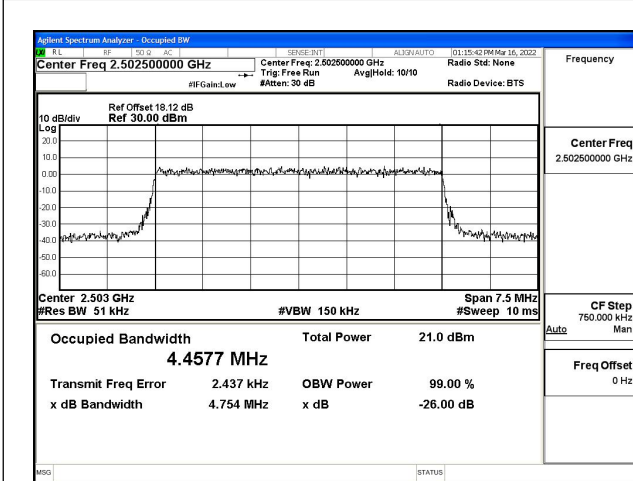


Fig.13

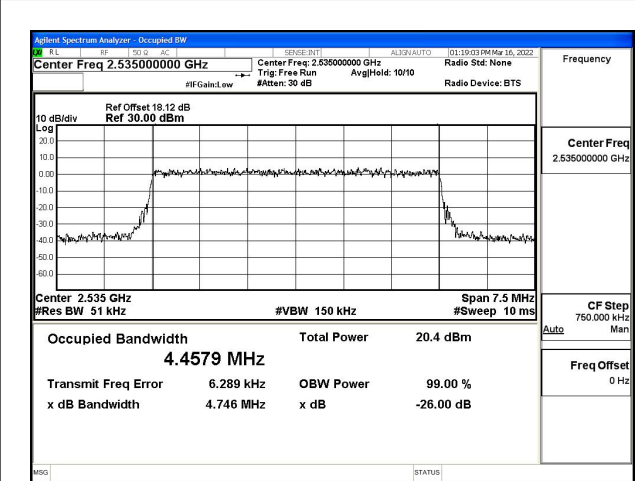


Fig.14

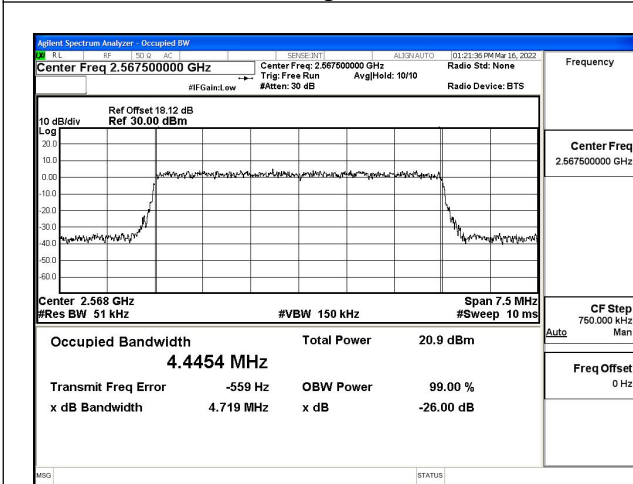


Fig.15

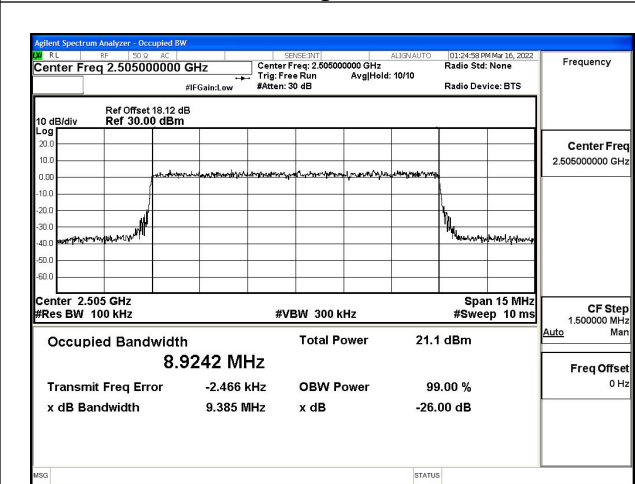


Fig.16

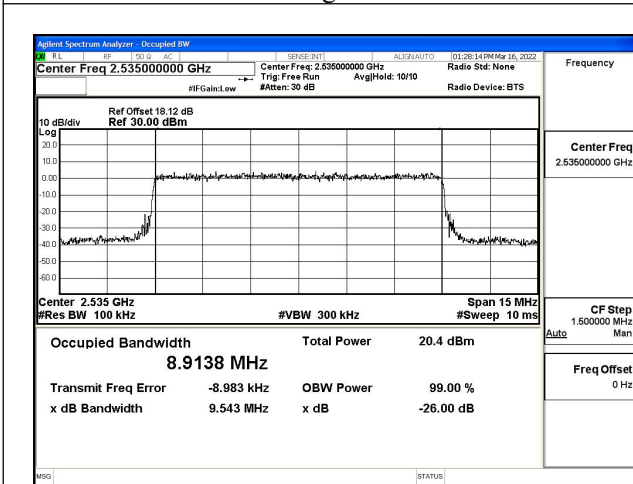


Fig.17

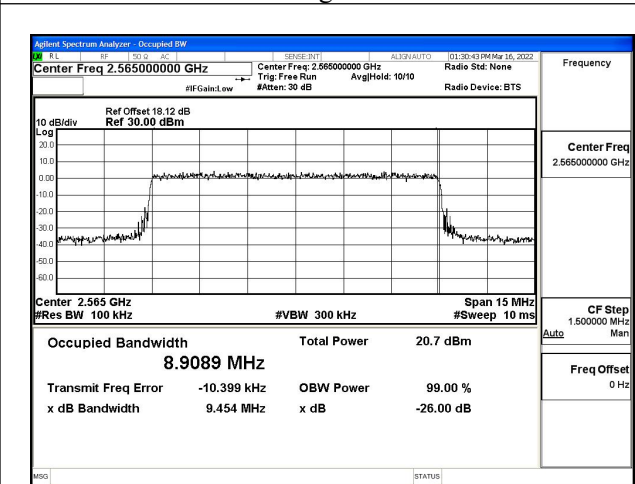


Fig.18

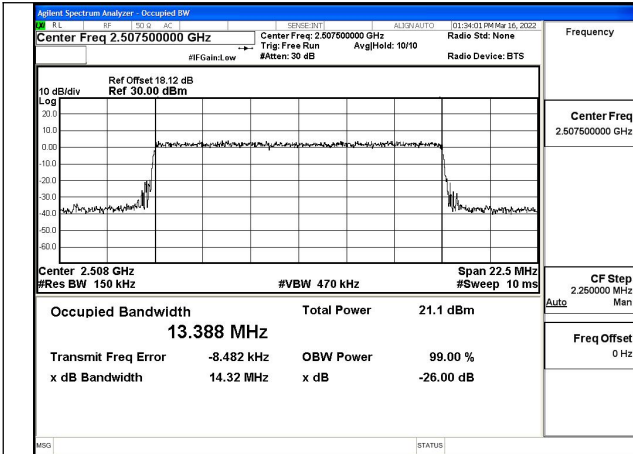


Fig.19

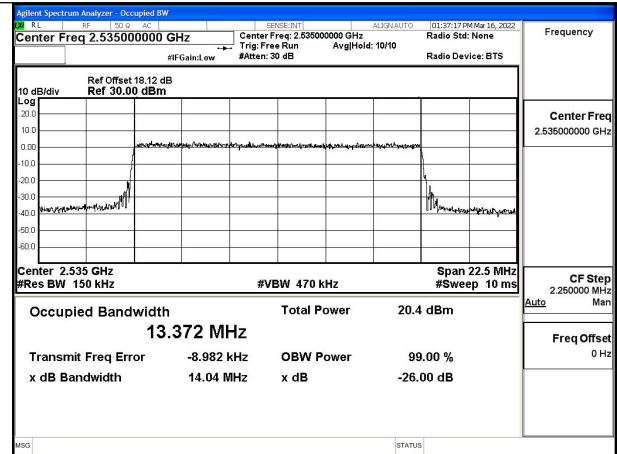


Fig.20

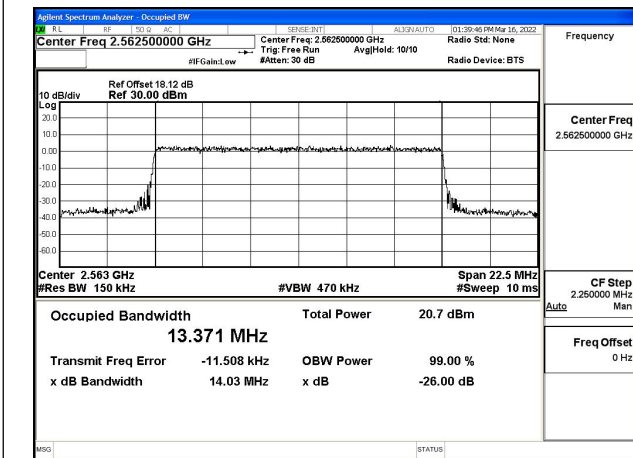


Fig.21

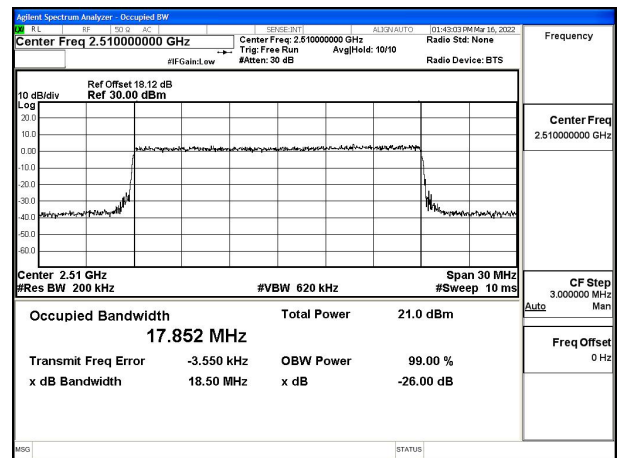


Fig.22

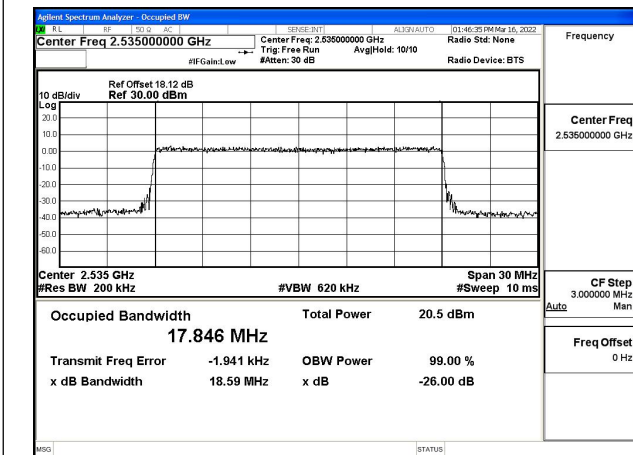


Fig.23

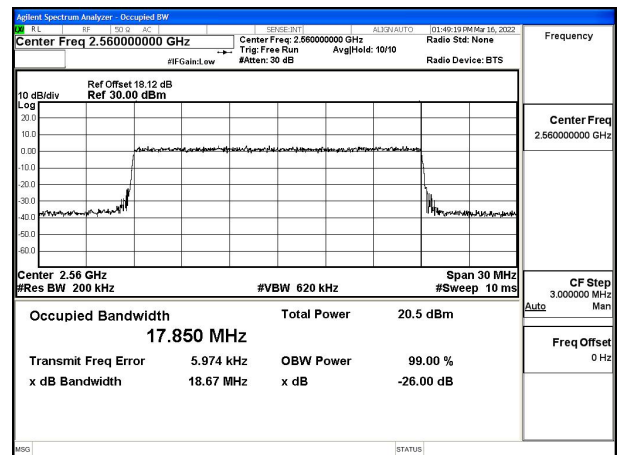


Fig.24

Test Mode: 64QAM

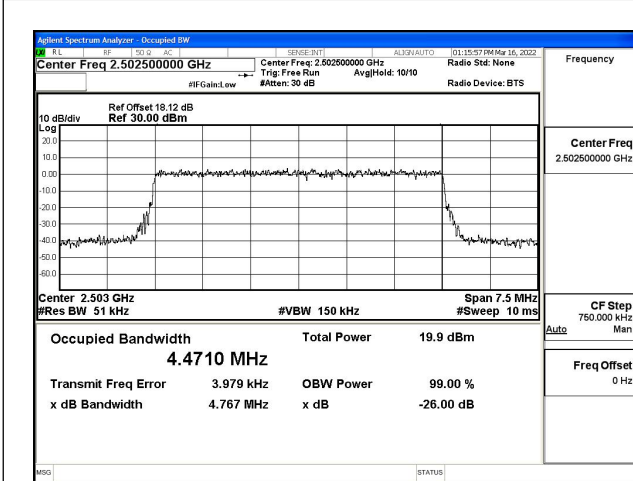


Fig.25

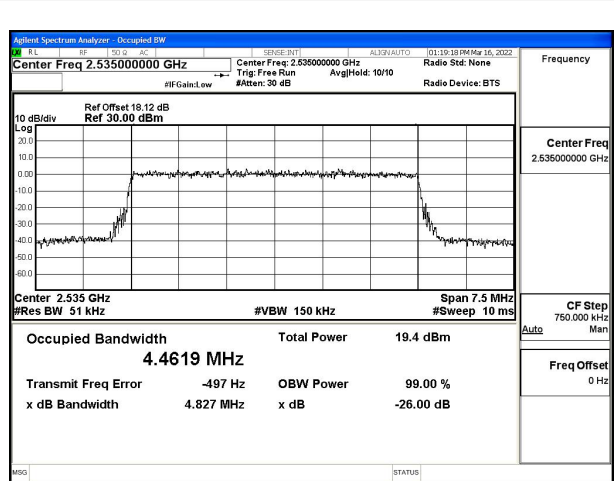


Fig.26

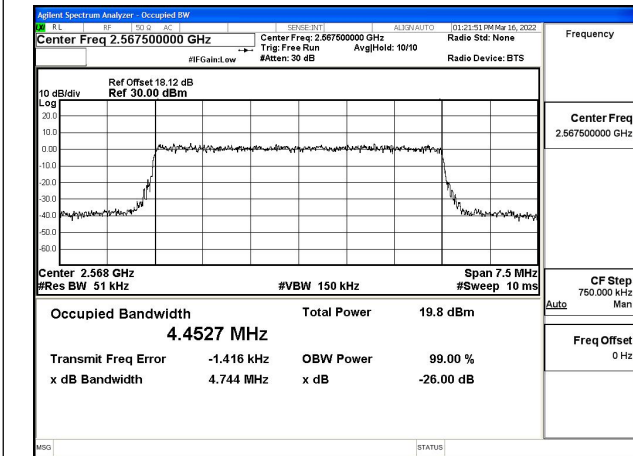


Fig.27

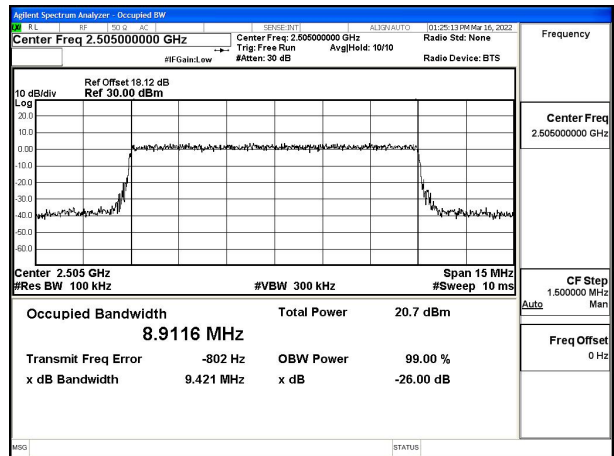


Fig.28

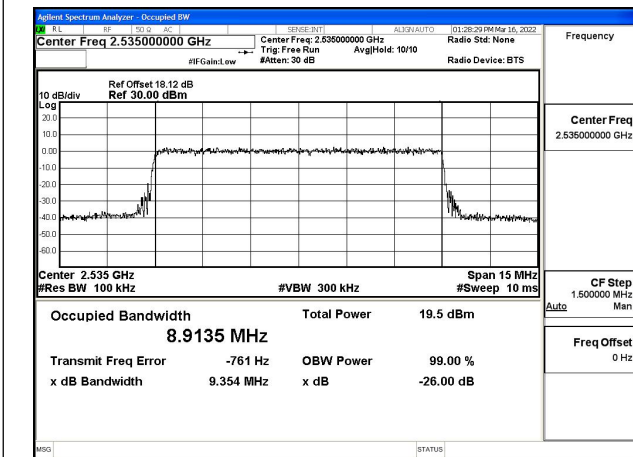


Fig.29

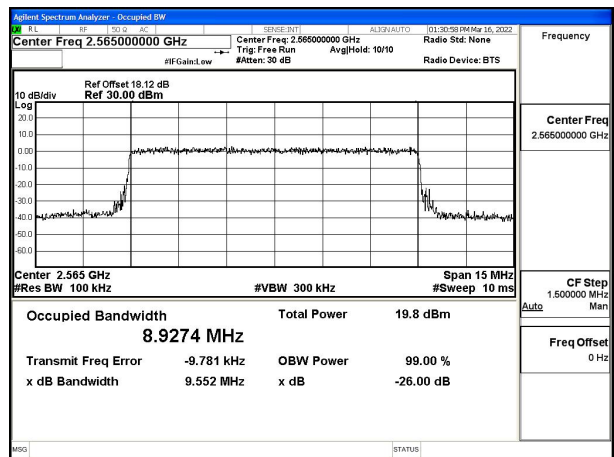


Fig.30

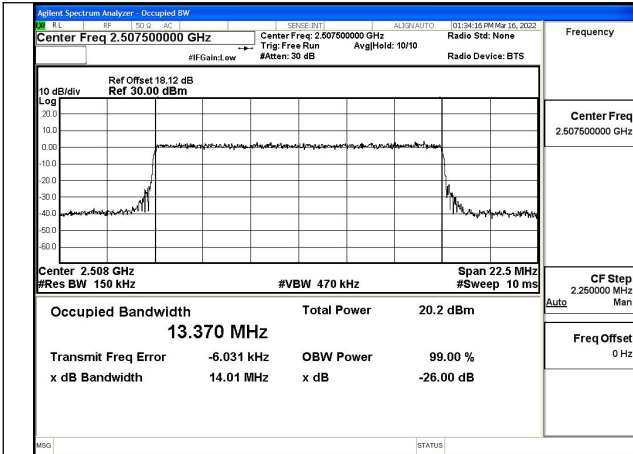


Fig.31

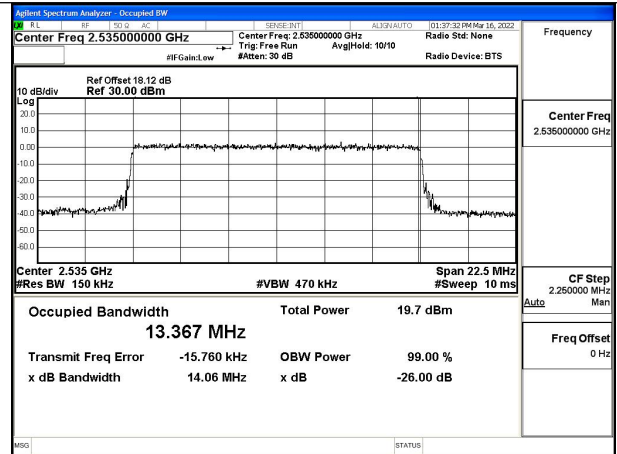


Fig.32

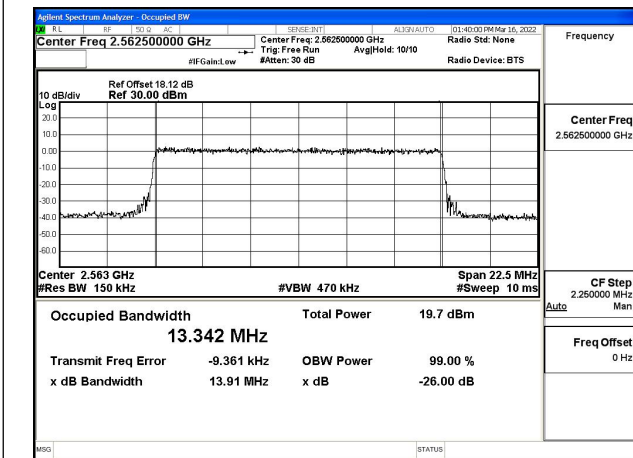


Fig.33

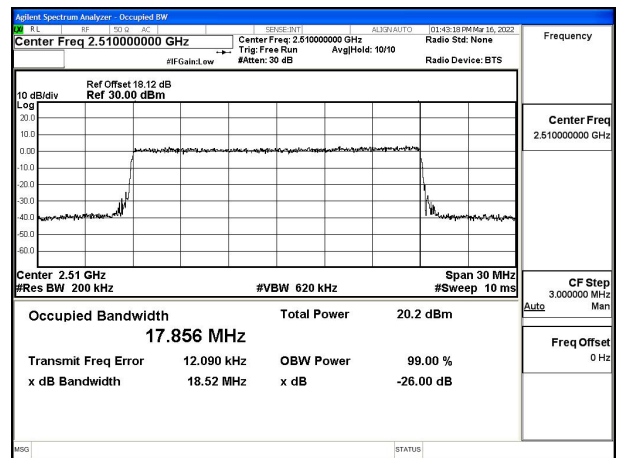


Fig.34

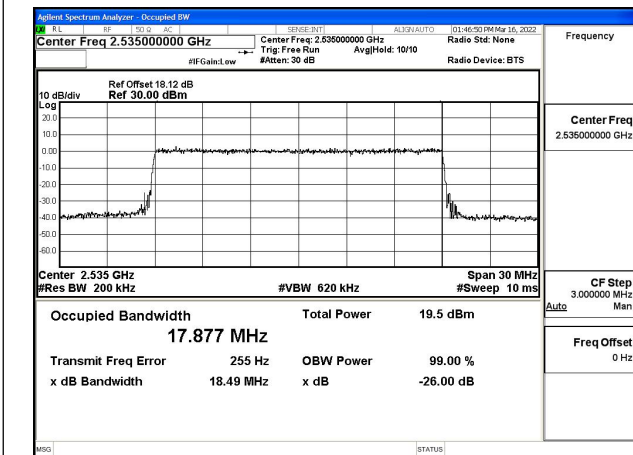


Fig.35

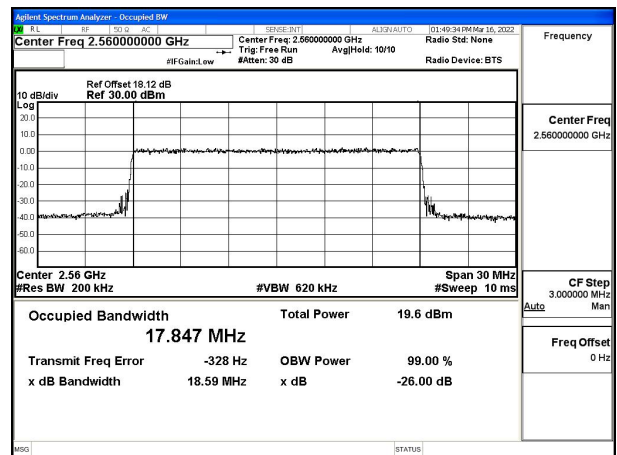


Fig.36

### 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         | 4.750                                      | Fig.1  |
| 7    | QPSK | 2535                    | 21100   | 5        | 25      | 0         | 4.830                                      | Fig.2  |
| 7    | QPSK | 2567.5                  | 21425   | 5        | 25      | 0         | 4.740                                      | Fig.3  |
| 7    | QPSK | 2505                    | 20800   | 10       | 50      | 0         | 9.370                                      | Fig.4  |
| 7    | QPSK | 2535                    | 21100   | 10       | 50      | 0         | 9.340                                      | Fig.5  |
| 7    | QPSK | 2565                    | 21400   | 10       | 50      | 0         | 9.250                                      | Fig.6  |
| 7    | QPSK | 2507.5                  | 20825   | 15       | 75      | 0         | 14.180                                     | Fig.7  |
| 7    | QPSK | 2535                    | 21100   | 15       | 75      | 0         | 13.940                                     | Fig.8  |
| 7    | QPSK | 2562.5                  | 21375   | 15       | 75      | 0         | 13.980                                     | Fig.9  |
| 7    | QPSK | 2510                    | 20850   | 20       | 100     | 0         | 18.670                                     | Fig.10 |
| 7    | QPSK | 2535                    | 21100   | 20       | 100     | 0         | 18.490                                     | Fig.11 |
| 7    | QPSK | 2560                    | 21350   | 20       | 100     | 0         | 18.510                                     | 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         | 4.750                                      | Fig.13 |
| 7    | 16QAM | 2535                    | 21100   | 5        | 25      | 0         | 4.750                                      | Fig.14 |
| 7    | 16QAM | 2567.5                  | 21425   | 5        | 25      | 0         | 4.720                                      | Fig.15 |
| 7    | 16QAM | 2505                    | 20800   | 10       | 50      | 0         | 9.390                                      | Fig.16 |
| 7    | 16QAM | 2535                    | 21100   | 10       | 50      | 0         | 9.540                                      | Fig.17 |
| 7    | 16QAM | 2565                    | 21400   | 10       | 50      | 0         | 9.450                                      | Fig.18 |
| 7    | 16QAM | 2507.5                  | 20825   | 15       | 75      | 0         | 14.320                                     | Fig.19 |
| 7    | 16QAM | 2535                    | 21100   | 15       | 75      | 0         | 14.040                                     | Fig.20 |
| 7    | 16QAM | 2562.5                  | 21375   | 15       | 75      | 0         | 14.030                                     | Fig.21 |
| 7    | 16QAM | 2510                    | 20850   | 20       | 100     | 0         | 18.500                                     | Fig.22 |
| 7    | 16QAM | 2535                    | 21100   | 20       | 100     | 0         | 18.590                                     | Fig.23 |
| 7    | 16QAM | 2560                    | 21350   | 20       | 100     | 0         | 18.670                                     | 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         | 4.770                                      | Fig.25 |
| 7    | 64QAM | 2535                    | 21100   | 5        | 25      | 0         | 4.830                                      | Fig.26 |
| 7    | 64QAM | 2567.5                  | 21425   | 5        | 25      | 0         | 4.740                                      | Fig.27 |
| 7    | 64QAM | 2505                    | 20800   | 10       | 50      | 0         | 9.420                                      | Fig.28 |
| 7    | 64QAM | 2535                    | 21100   | 10       | 50      | 0         | 9.350                                      | Fig.29 |
| 7    | 64QAM | 2565                    | 21400   | 10       | 50      | 0         | 9.550                                      | Fig.30 |
| 7    | 64QAM | 2507.5                  | 20825   | 15       | 75      | 0         | 14.010                                     | Fig.31 |
| 7    | 64QAM | 2535                    | 21100   | 15       | 75      | 0         | 14.060                                     | Fig.32 |
| 7    | 64QAM | 2562.5                  | 21375   | 15       | 75      | 0         | 13.910                                     | Fig.33 |
| 7    | 64QAM | 2510                    | 20850   | 20       | 100     | 0         | 18.520                                     | Fig.34 |
| 7    | 64QAM | 2535                    | 21100   | 20       | 100     | 0         | 18.490                                     | Fig.35 |
| 7    | 64QAM | 2560                    | 21350   | 20       | 100     | 0         | 18.590                                     | Fig.36 |



Test Mode: QPSK

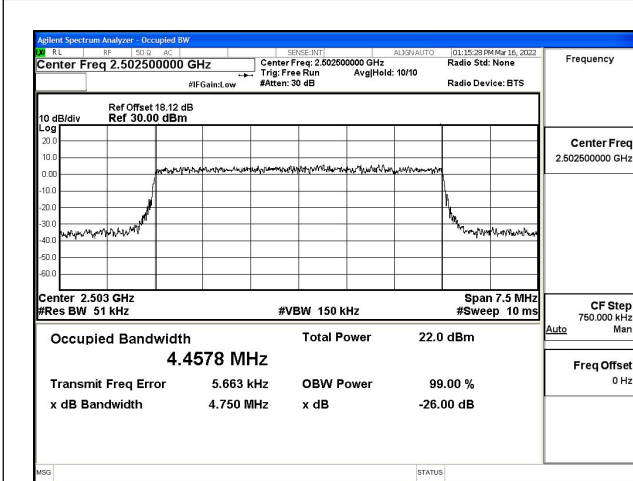


Fig.1

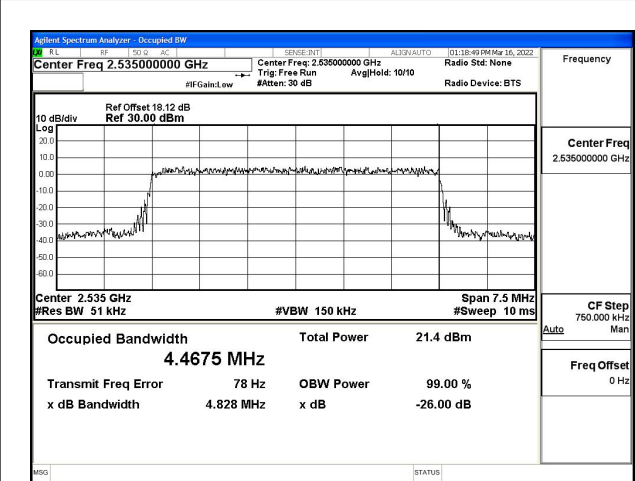


Fig.2

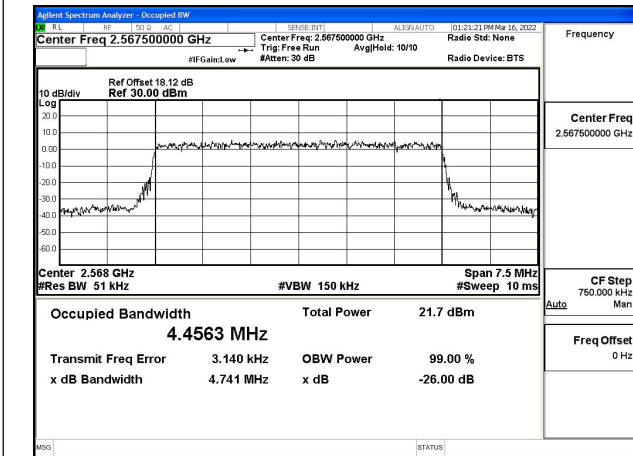


Fig.3

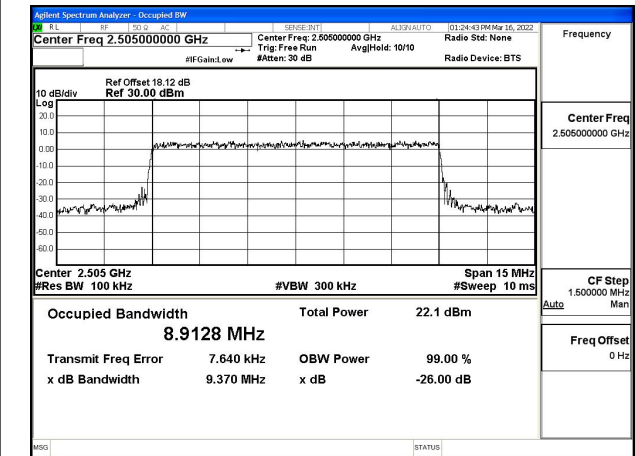


Fig.4

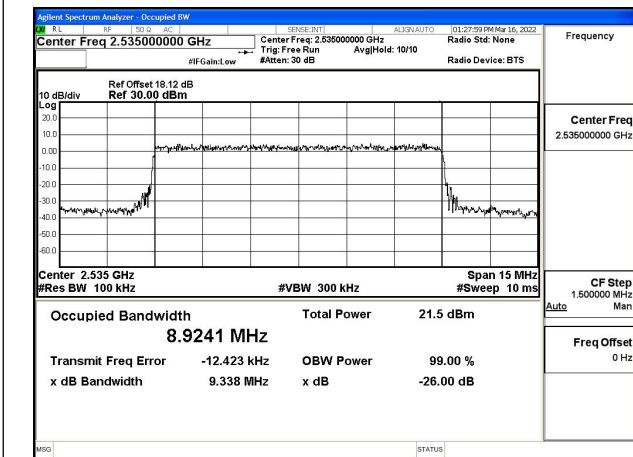


Fig.5

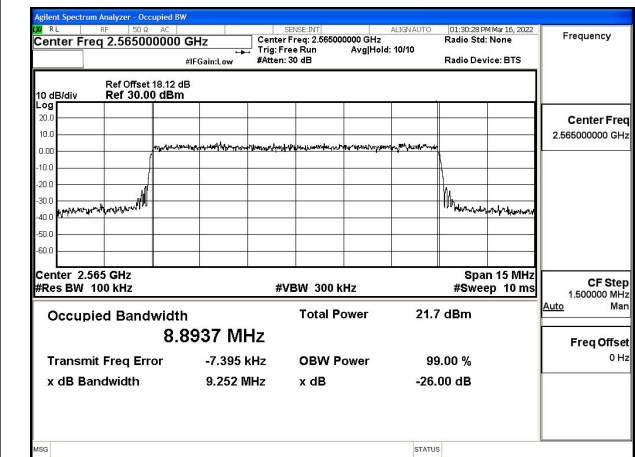


Fig.6