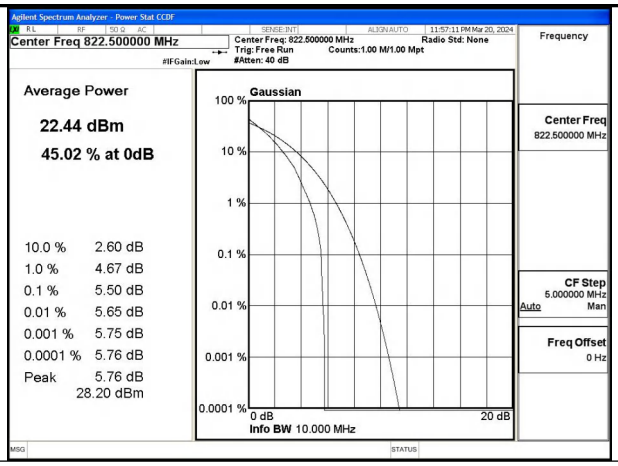


Fig.25

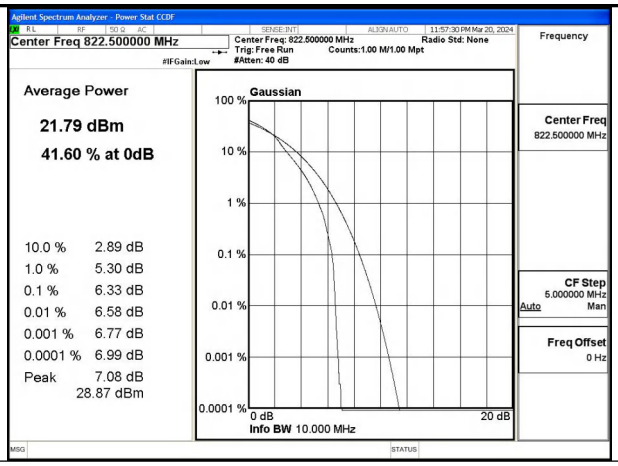


Fig.26

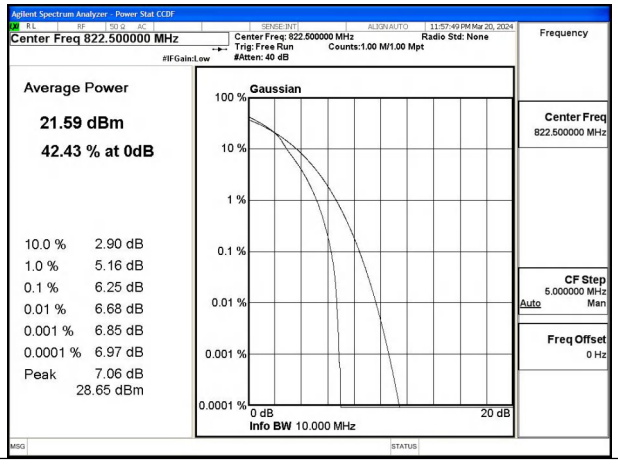


Fig.27

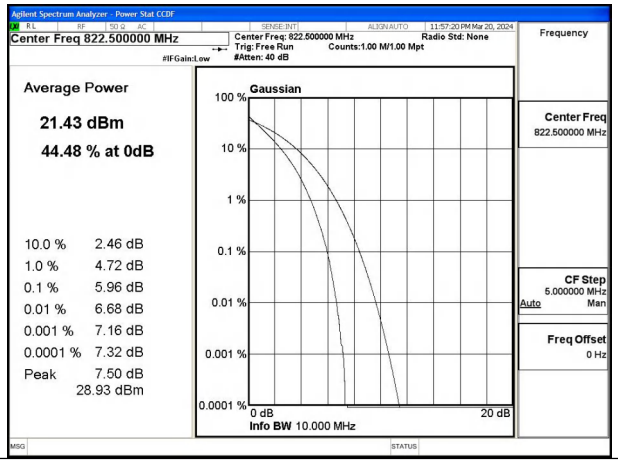


Fig.28

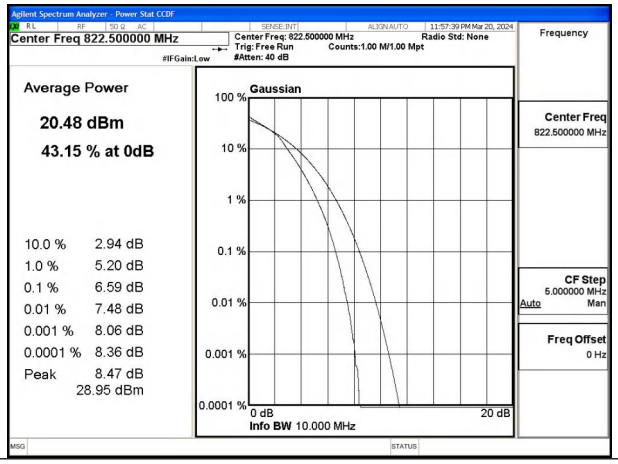


Fig.29

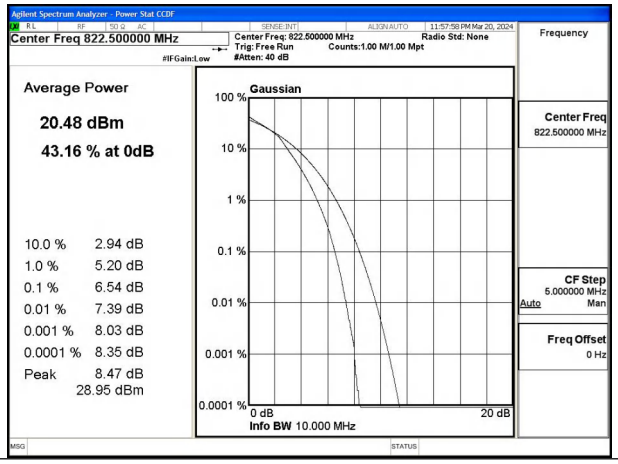


Fig.30

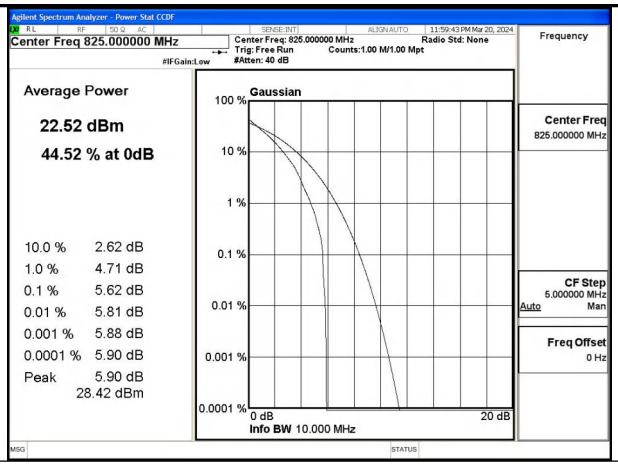


Fig.31

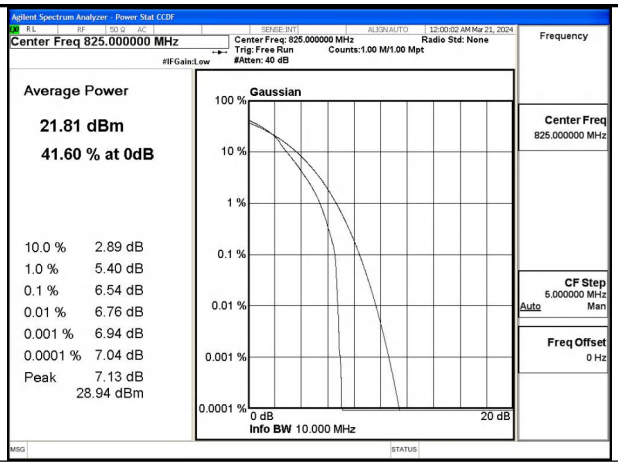


Fig.32

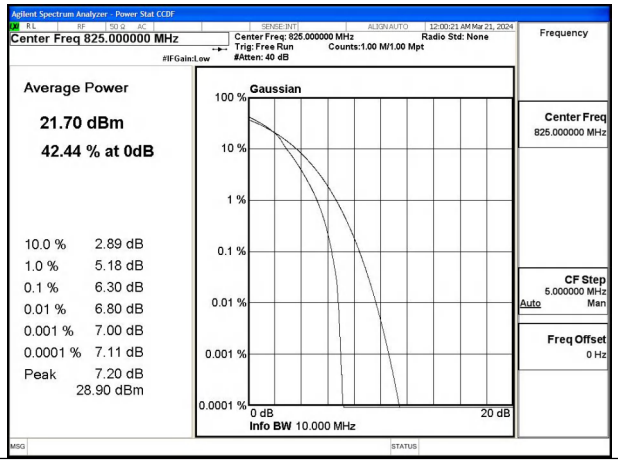


Fig.33

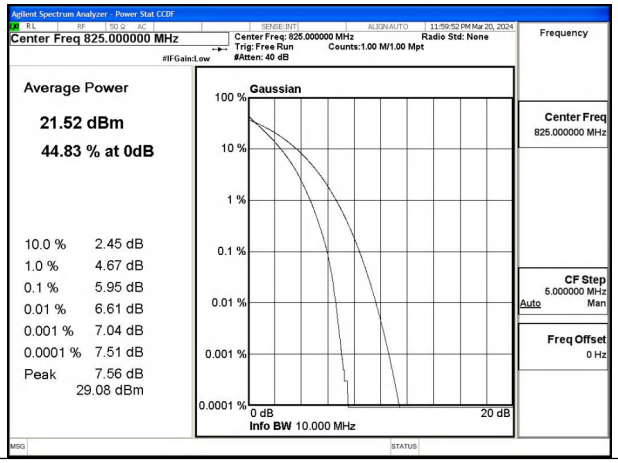


Fig.34

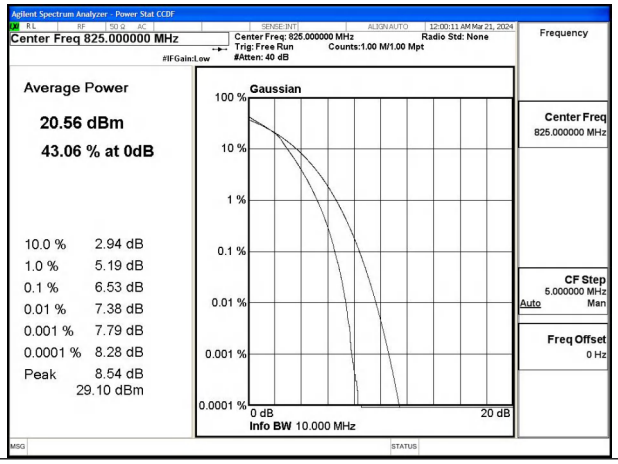


Fig.35

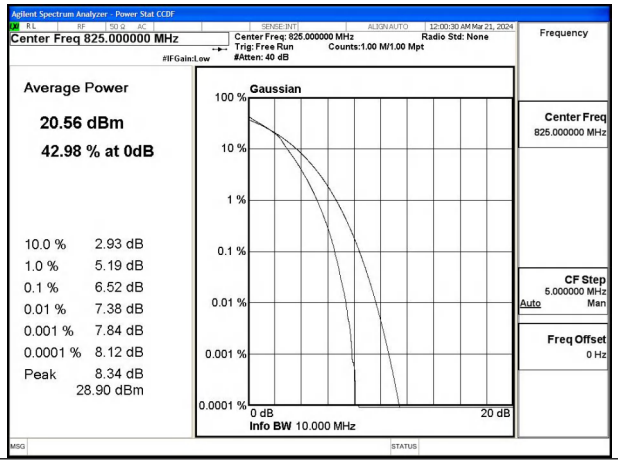


Fig.36

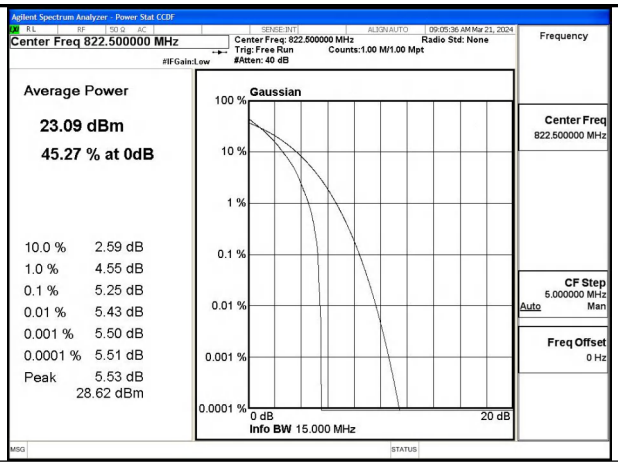


Fig.37

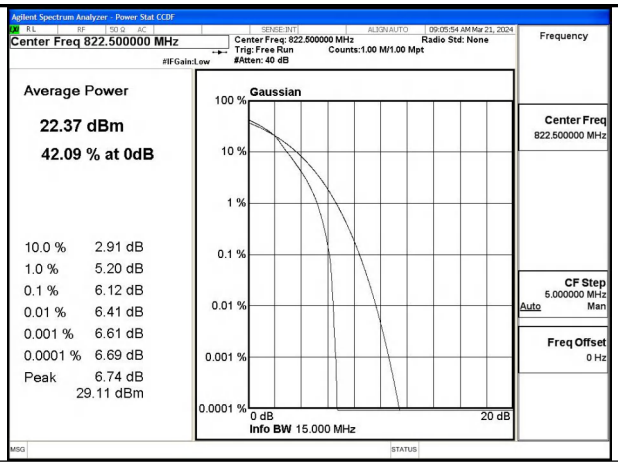


Fig.38

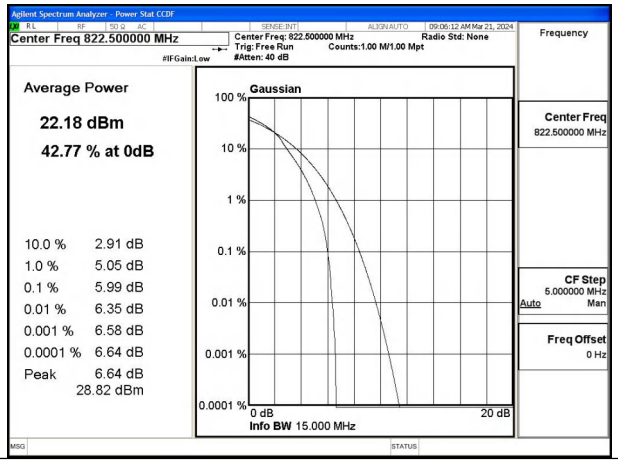


Fig.39

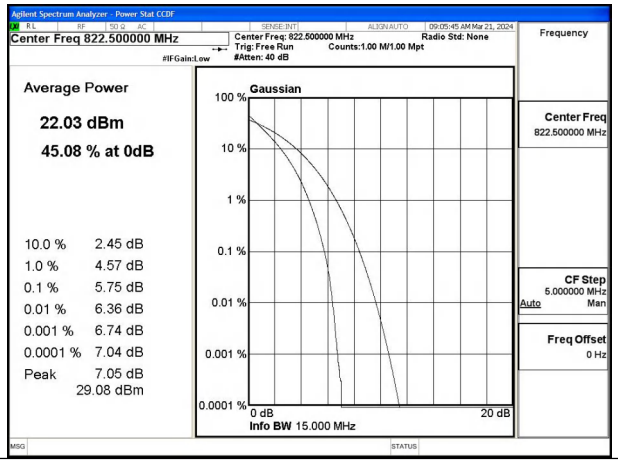


Fig.40

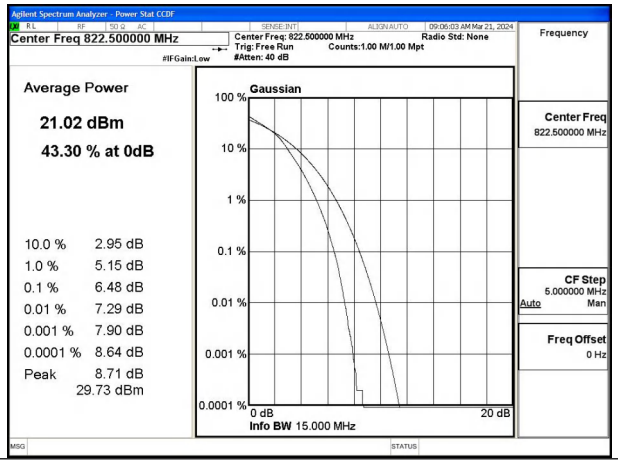


Fig.41

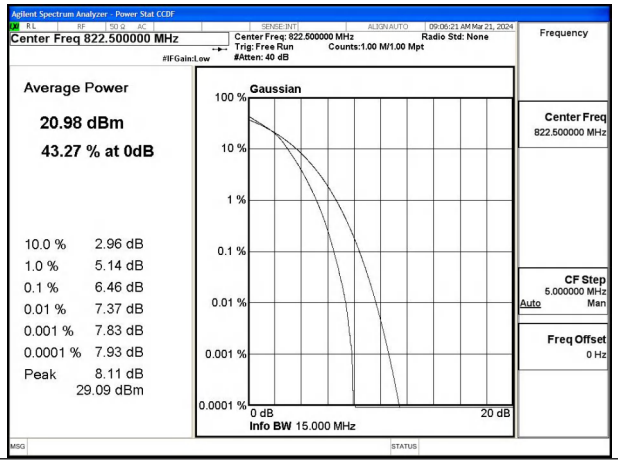


Fig.42

## 5 Spurious Emissions at antenna terminal

| Band | Carrier frequency (MHz) | Channel | BW | RB Size | RB Offset | Conducted Spurious Plot |
|---|---|---|---|---|---|---|
| | | | | | | QPSK |
| 18 | 817.5 | 23875 | 5 | 1 | 0 | Fig.1 |
| 18 | 822.5 | 23925 | 5 | 1 | 0 | Fig.2 |
| 18 | 827.5 | 23975 | 5 | 1 | 0 | Fig.3 |
| 18 | 820 | 23900 | 10 | 1 | 0 | Fig.4 |
| 18 | 822.5 | 23925 | 10 | 1 | 0 | Fig.5 |
| 18 | 825 | 23950 | 10 | 1 | 0 | Fig.6 |
| 18 | 822.5 | 23925 | 15 | 1 | 0 | Fig.7 |
| 18 | 822.5 | 23925 | 15 | 1 | 0 | Fig.8 |
| 18 | 822.5 | 23925 | 15 | 1 | 0 | Fig.9 |

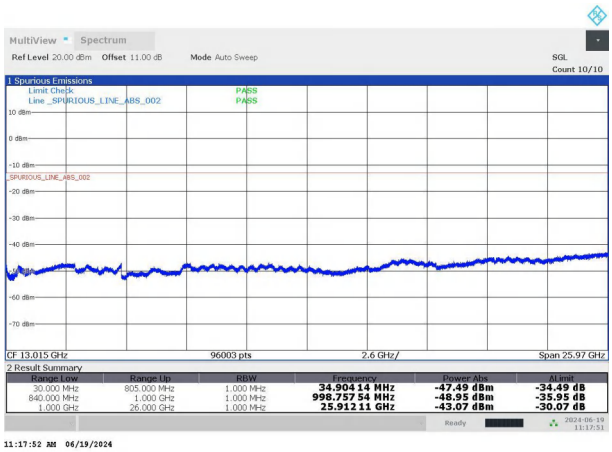


Fig.1

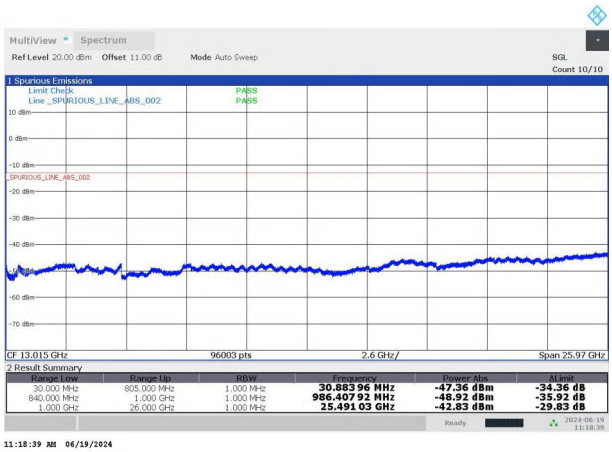


Fig.2

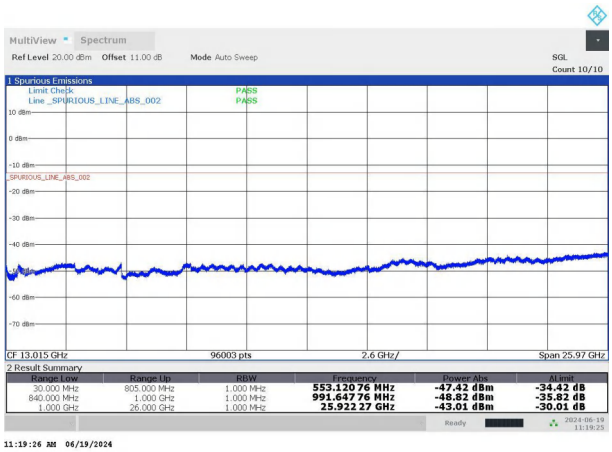


Fig.3

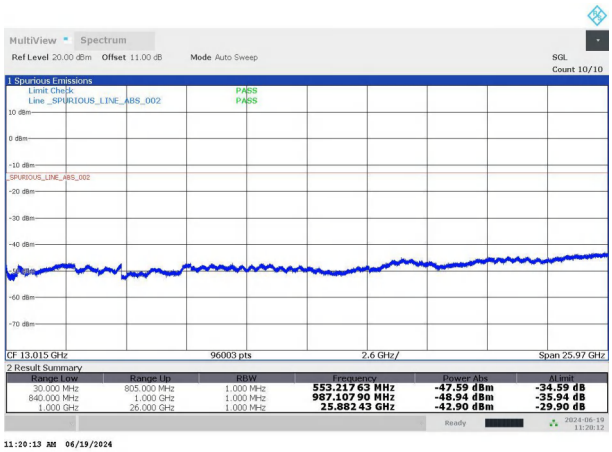


Fig.4

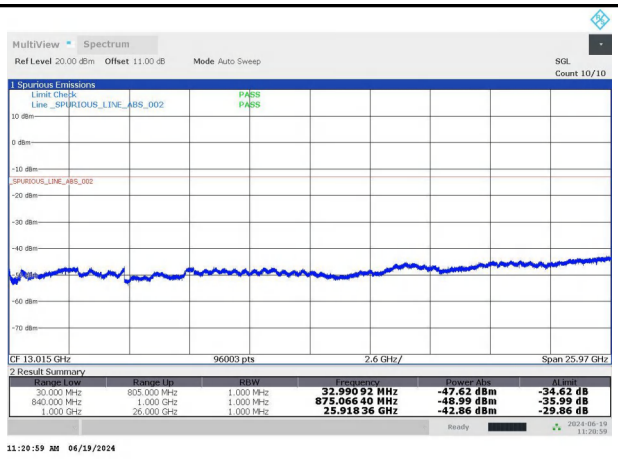


Fig.5

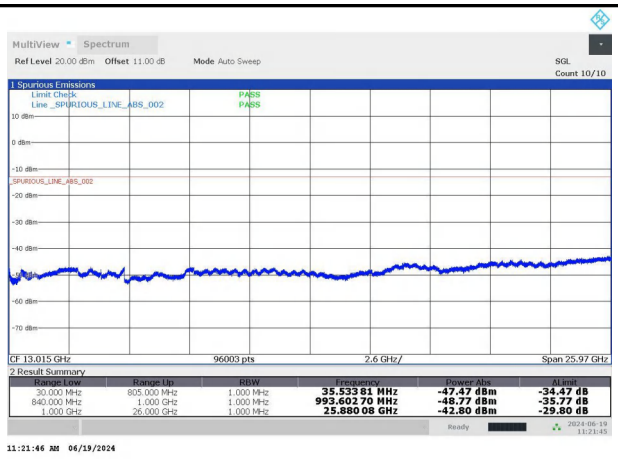


Fig.6

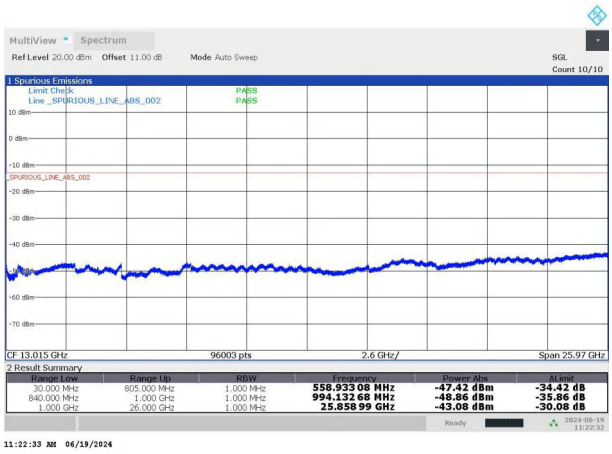


Fig.7

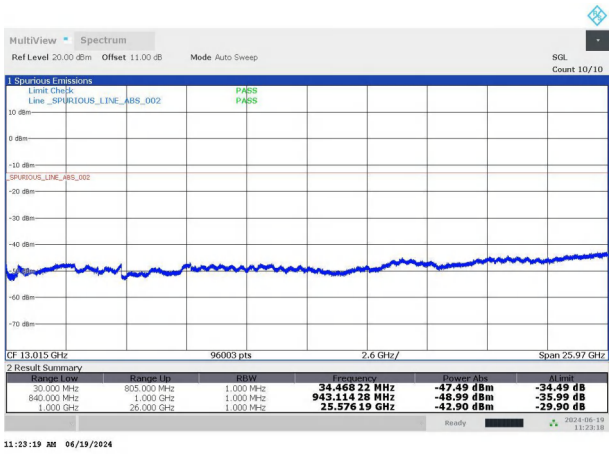


Fig.8

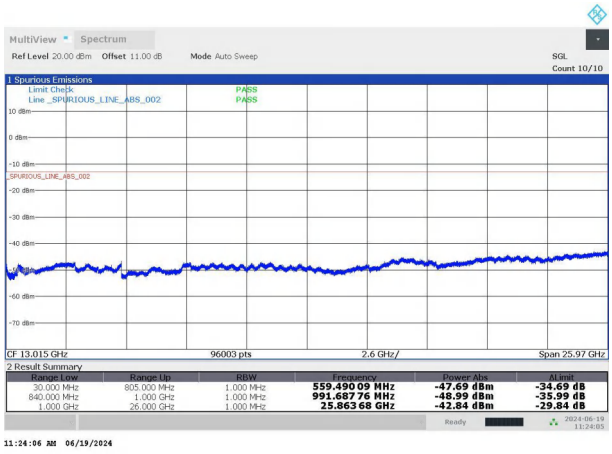


Fig.9

| Band | Carrier frequency (MHz) | Channel | BW | RB Size | RB Offset | Conducted Spurious Plot |
|---|---|---|---|---|---|---|
| | | | | | | 16QAM |
| 18 | 817.5 | 23875 | 5 | 1 | 0 | Fig.10 |
| 18 | 822.5 | 23925 | 5 | 1 | 0 | Fig.11 |
| 18 | 827.5 | 23975 | 5 | 1 | 0 | Fig.12 |
| 18 | 820 | 23900 | 10 | 1 | 0 | Fig.13 |
| 18 | 822.5 | 23925 | 10 | 1 | 0 | Fig.14 |
| 18 | 825 | 23950 | 10 | 1 | 0 | Fig.15 |
| 18 | 822.5 | 23925 | 15 | 1 | 0 | Fig.16 |
| 18 | 822.5 | 23925 | 15 | 1 | 0 | Fig.17 |
| 18 | 822.5 | 23925 | 15 | 1 | 0 | Fig.18 |

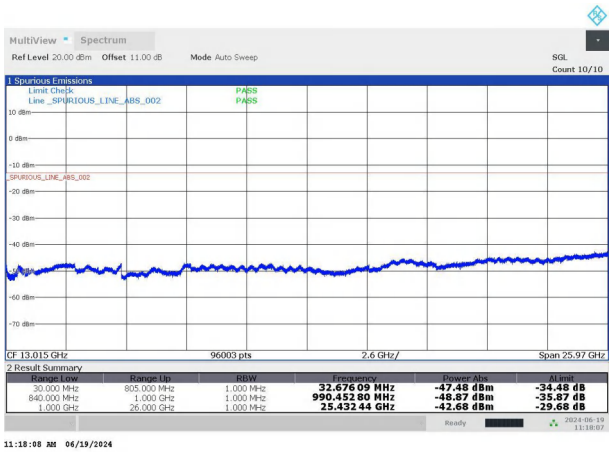


Fig.10

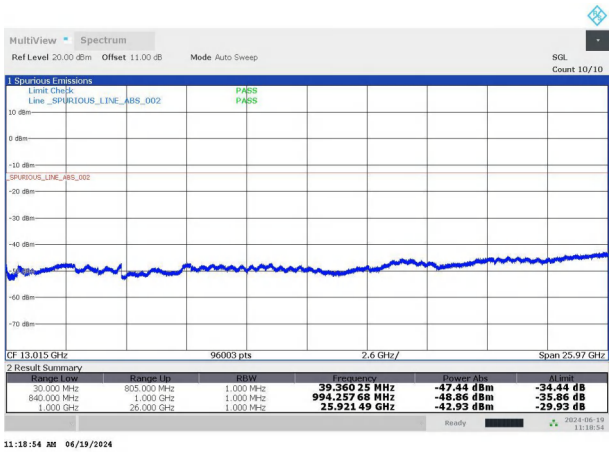


Fig.11

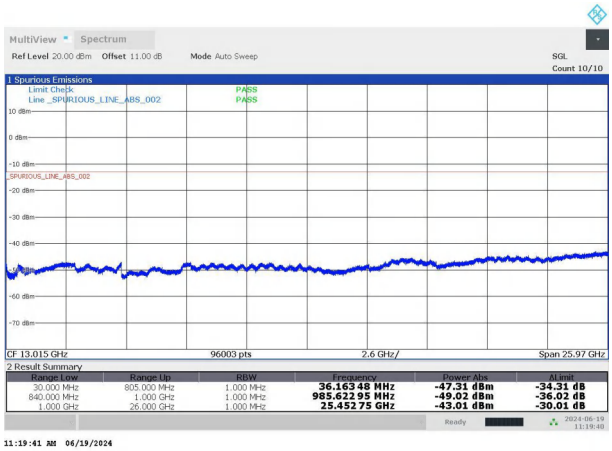


Fig.12

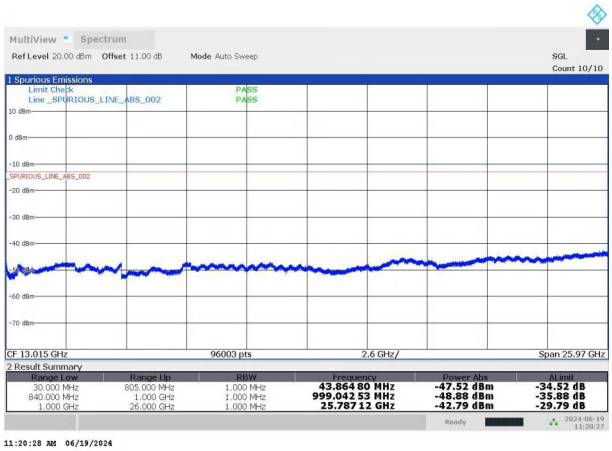


Fig.13

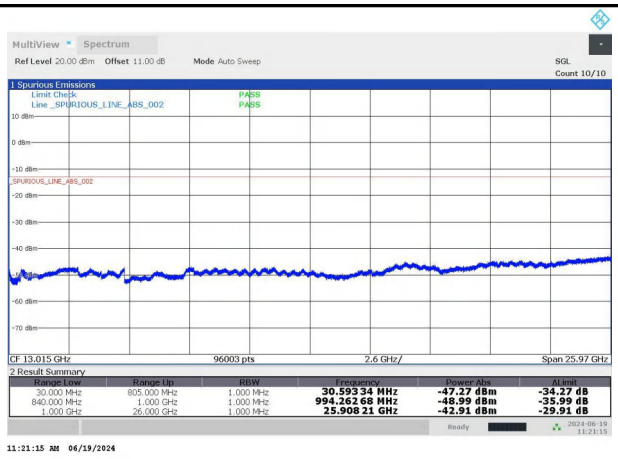


Fig.14

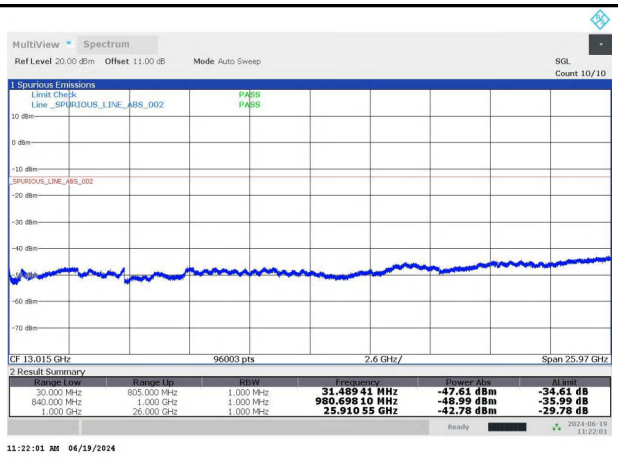


Fig.15

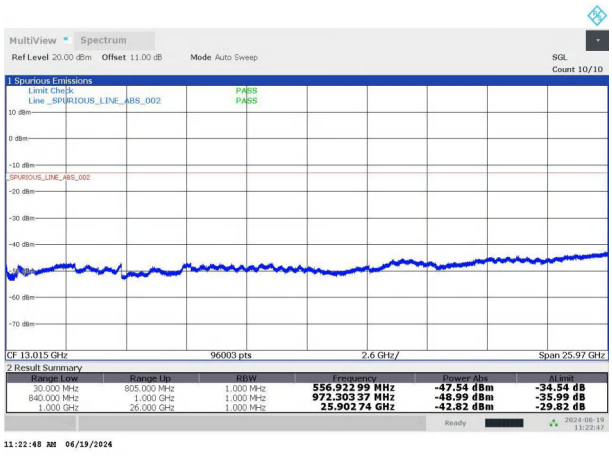


Fig.16

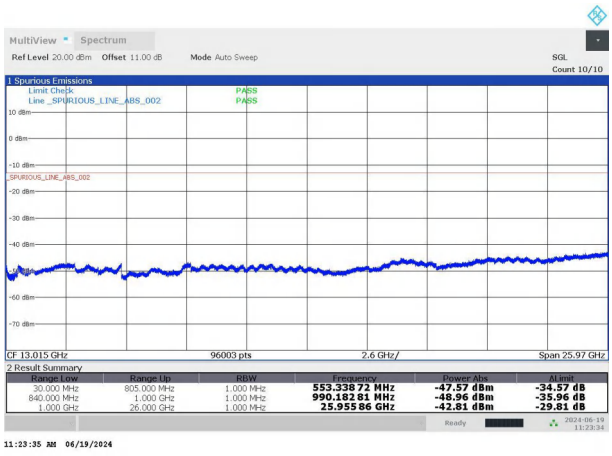


Fig.17

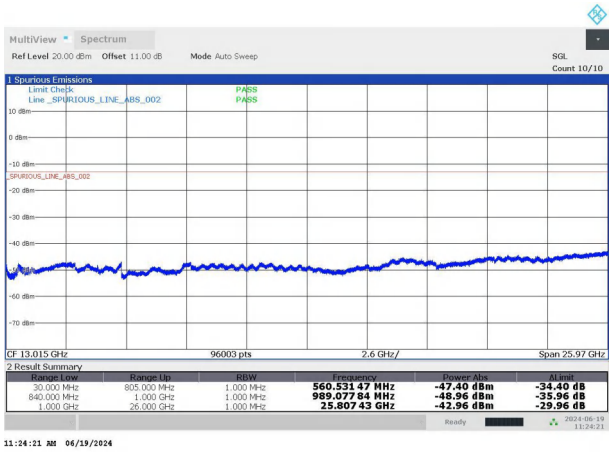


Fig.18

| Band | Carrier frequency (MHz) | Channel | BW | RB Size | RB Offset | Conducted Spurious Plot |
|---|---|---|---|---|---|---|
| | | | | | | 64QAM |
| 18 | 817.5 | 23875 | 5 | 1 | 0 | Fig.19 |
| 18 | 822.5 | 23925 | 5 | 1 | 0 | Fig.20 |
| 18 | 827.5 | 23975 | 5 | 1 | 0 | Fig.21 |
| 18 | 820 | 23900 | 10 | 1 | 0 | Fig.22 |
| 18 | 822.5 | 23925 | 10 | 1 | 0 | Fig.23 |
| 18 | 825 | 23950 | 10 | 1 | 0 | Fig.24 |
| 18 | 822.5 | 23925 | 15 | 1 | 0 | Fig.25 |
| 18 | 822.5 | 23925 | 15 | 1 | 0 | Fig.26 |
| 18 | 822.5 | 23925 | 15 | 1 | 0 | Fig.27 |

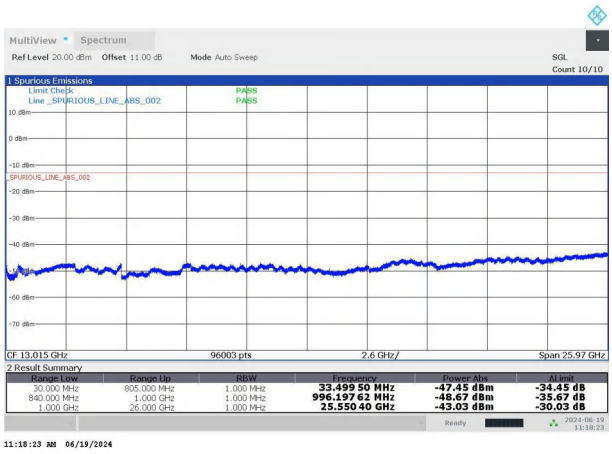


Fig.19

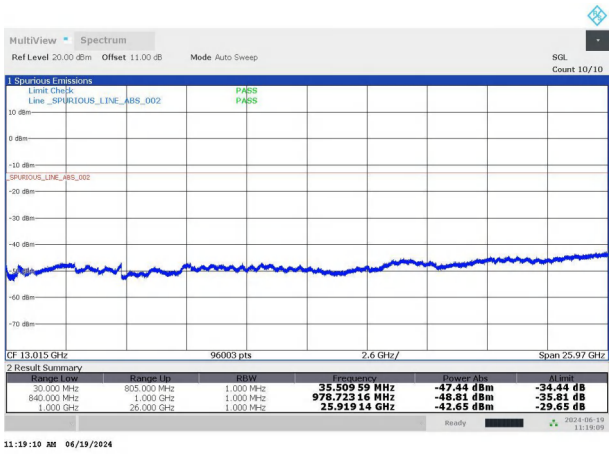


Fig.20

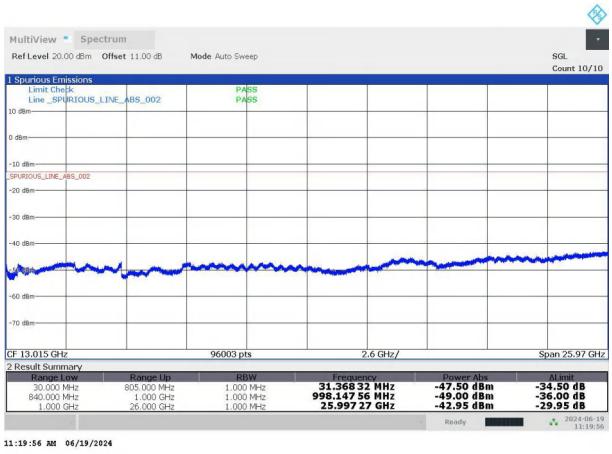


Fig.21

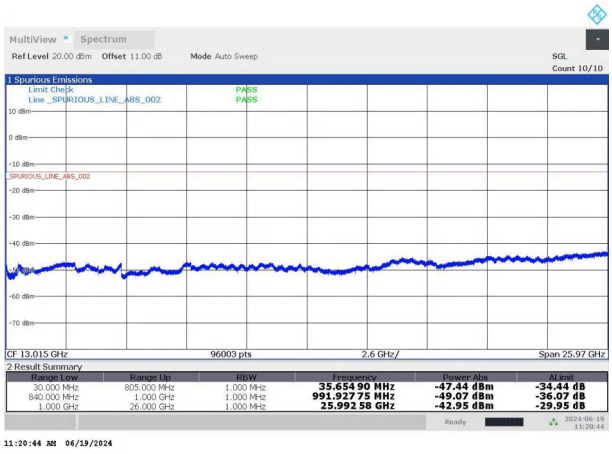


Fig.22

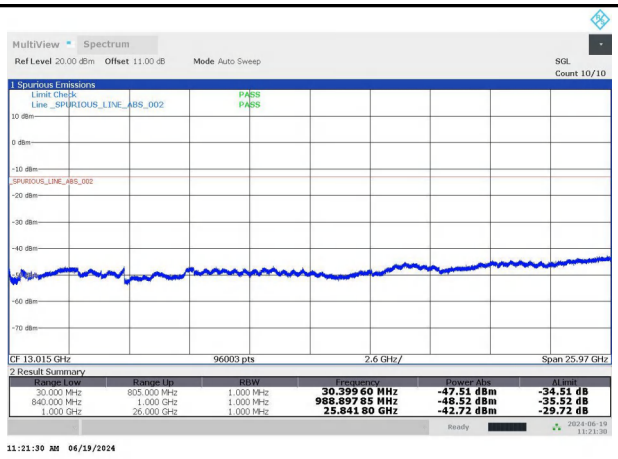


Fig.23

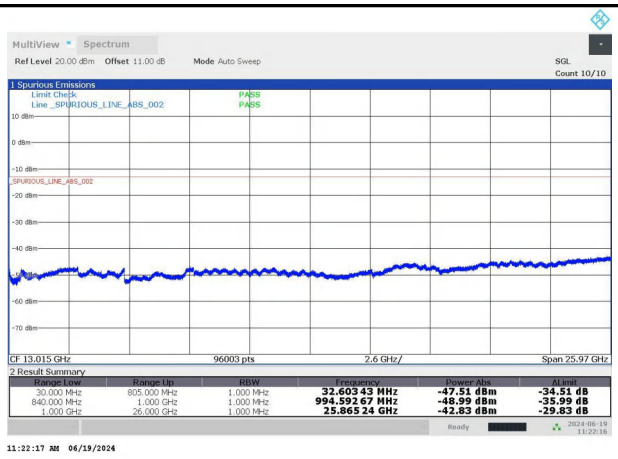


Fig.24

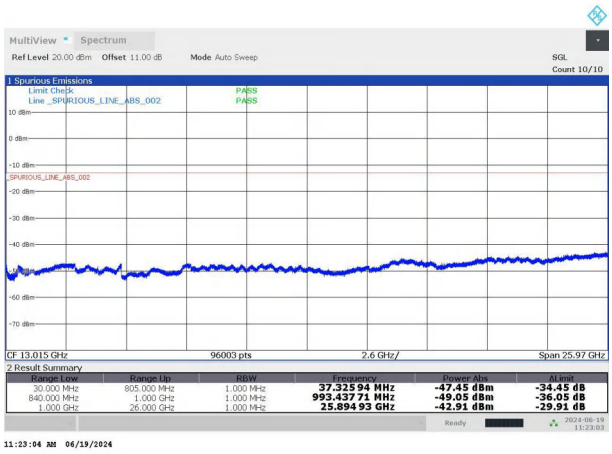


Fig.25

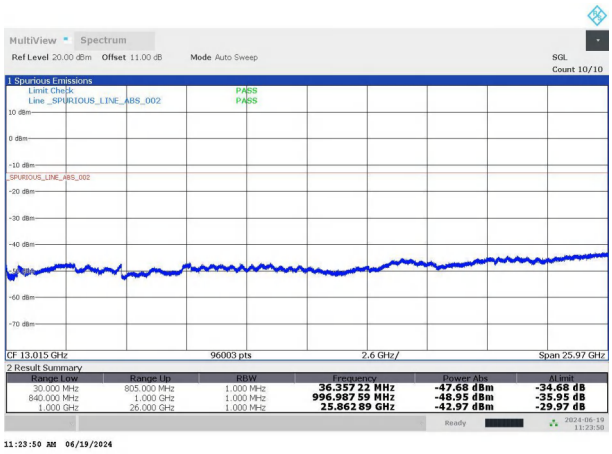


Fig.26

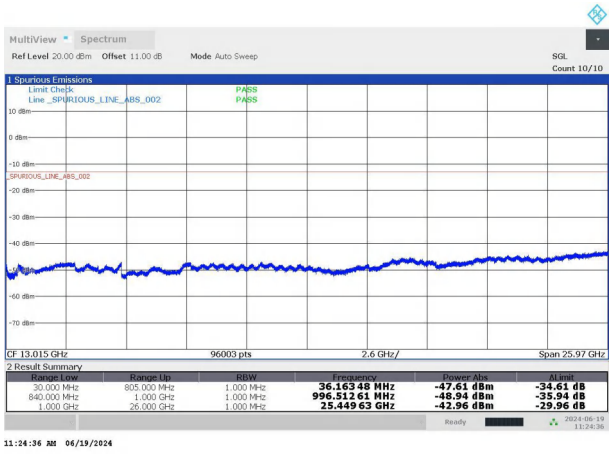


Fig.27

## 6 Band Edges Compliance

| Band | Mode | Carrier frequency (MHz) | Channel | BW | RB Size | RB Offset | Band Edges Plot |
|---|---|---|---|---|---|---|---|
| 18 | QPSK | 817.5 | 23875 | 5 | 1 | 0 | Fig.1 |
| 18 | QPSK | 817.5 | 23875 | 5 | 25 | 0 | Fig.2 |
| 18 | QPSK | 827.5 | 23975 | 5 | 1 | 24 | Fig.3 |
| 18 | QPSK | 827.5 | 23975 | 5 | 25 | 0 | Fig.4 |
| 18 | QPSK | 820 | 23900 | 10 | 1 | 0 | Fig.5 |
| 18 | QPSK | 820 | 23900 | 10 | 50 | 0 | Fig.6 |
| 18 | QPSK | 825 | 23950 | 10 | 1 | 49 | Fig.7 |
| 18 | QPSK | 825 | 23950 | 10 | 50 | 0 | Fig.8 |
| 18 | QPSK | 822.5 | 23925 | 15 | 1 | 0 | Fig.9 |
| 18 | QPSK | 822.5 | 23925 | 15 | 75 | 0 | Fig.10 |
| 18 | QPSK | 822.5 | 23925 | 15 | 1 | 74 | Fig.11 |
| 18 | QPSK | 822.5 | 23925 | 15 | 75 | 0 | Fig.12 |

| Band | Mode | Carrier frequency (MHz) | Channel | BW | RB Size | RB Offset | Band Edges Plot |
|---|---|---|---|---|---|---|---|
| 18 | 16QAM | 817.5 | 23875 | 5 | 1 | 0 | Fig.13 |
| 18 | 16QAM | 817.5 | 23875 | 5 | 25 | 0 | Fig.14 |
| 18 | 16QAM | 827.5 | 23975 | 5 | 1 | 24 | Fig.15 |
| 18 | 16QAM | 827.5 | 23975 | 5 | 25 | 0 | Fig.16 |
| 18 | 16QAM | 820 | 23900 | 10 | 1 | 0 | Fig.17 |
| 18 | 16QAM | 820 | 23900 | 10 | 50 | 0 | Fig.18 |
| 18 | 16QAM | 825 | 23950 | 10 | 1 | 49 | Fig.19 |
| 18 | 16QAM | 825 | 23950 | 10 | 50 | 0 | Fig.20 |
| 18 | 16QAM | 822.5 | 23925 | 15 | 1 | 0 | Fig.21 |
| 18 | 16QAM | 822.5 | 23925 | 15 | 75 | 0 | Fig.22 |
| 18 | 16QAM | 822.5 | 23925 | 15 | 1 | 74 | Fig.23 |
| 18 | 16QAM | 822.5 | 23925 | 15 | 75 | 0 | Fig.24 |

| Band | Mode | Carrier frequency (MHz) | Channel | BW | RB Size | RB Offset | Band Edges Plot |
|---|---|---|---|---|---|---|---|
| 18 | 64QAM | 817.5 | 23875 | 5 | 1 | 0 | Fig.25 |
| 18 | 64QAM | 817.5 | 23875 | 5 | 25 | 0 | Fig.26 |
| 18 | 64QAM | 827.5 | 23975 | 5 | 1 | 24 | Fig.27 |
| 18 | 64QAM | 827.5 | 23975 | 5 | 25 | 0 | Fig.28 |
| 18 | 64QAM | 820 | 23900 | 10 | 1 | 0 | Fig.29 |
| 18 | 64QAM | 820 | 23900 | 10 | 50 | 0 | Fig.30 |
| 18 | 64QAM | 825 | 23950 | 10 | 1 | 49 | Fig.31 |
| 18 | 64QAM | 825 | 23950 | 10 | 50 | 0 | Fig.32 |
| 18 | 64QAM | 822.5 | 23925 | 15 | 1 | 0 | Fig.33 |
| 18 | 64QAM | 822.5 | 23925 | 15 | 75 | 0 | Fig.34 |
| 18 | 64QAM | 822.5 | 23925 | 15 | 1 | 74 | Fig.35 |
| 18 | 64QAM | 822.5 | 23925 | 15 | 75 | 0 | Fig.36 |

Test Mode: QPSK

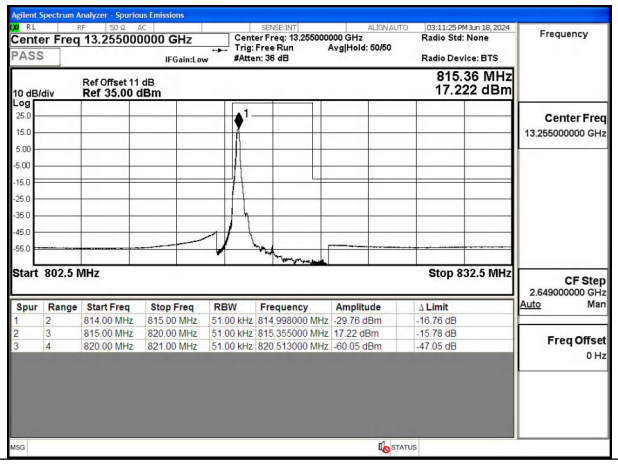


Fig.1

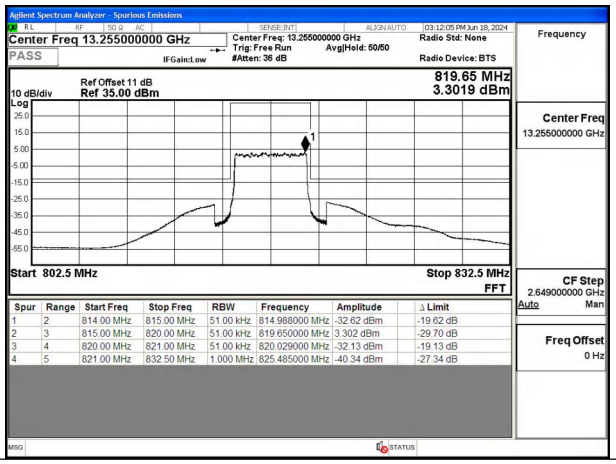


Fig.2

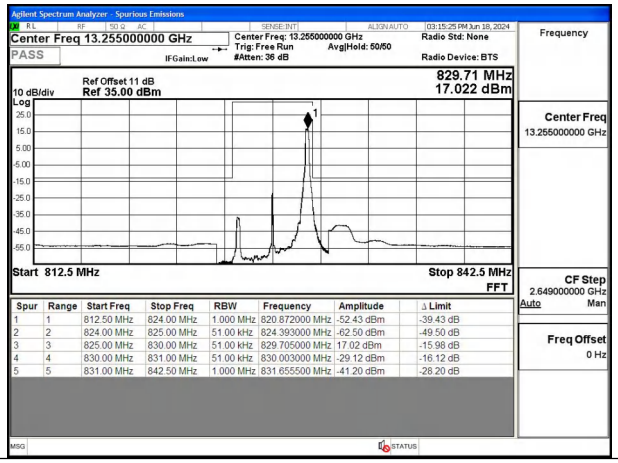


Fig.3

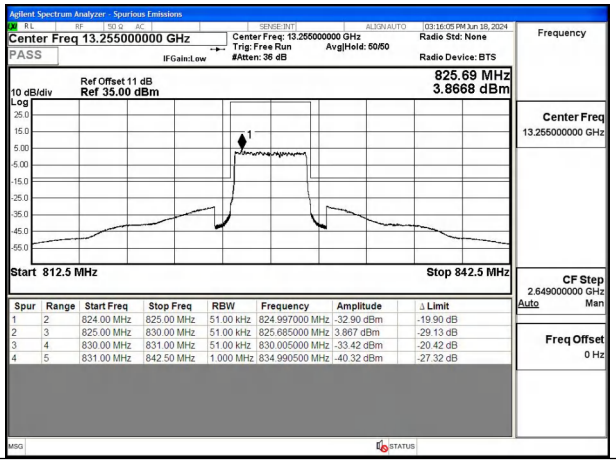


Fig.4

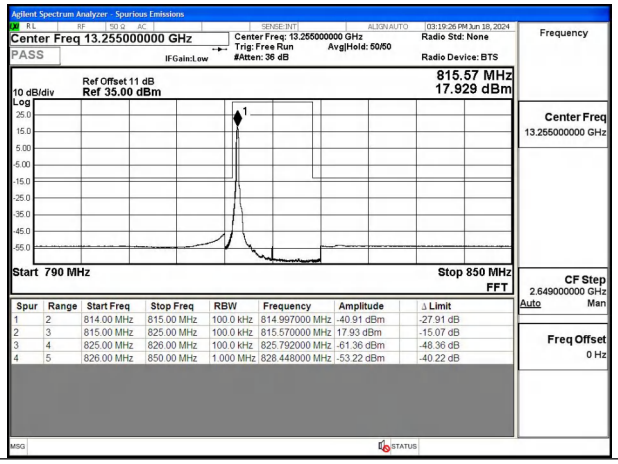


Fig.5

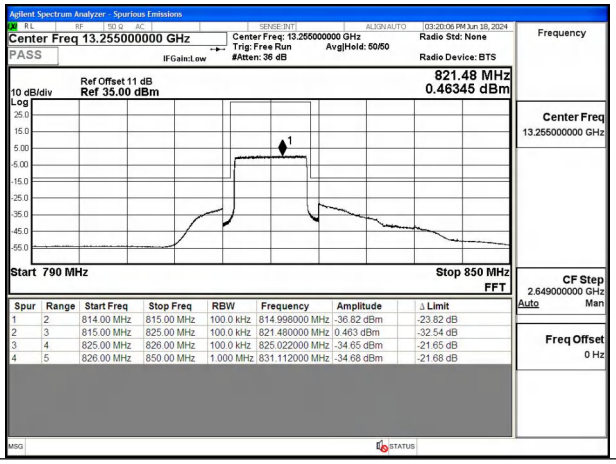


Fig.6

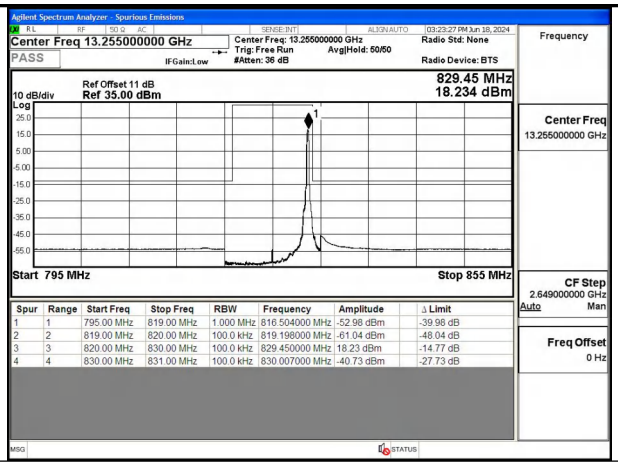


Fig.7

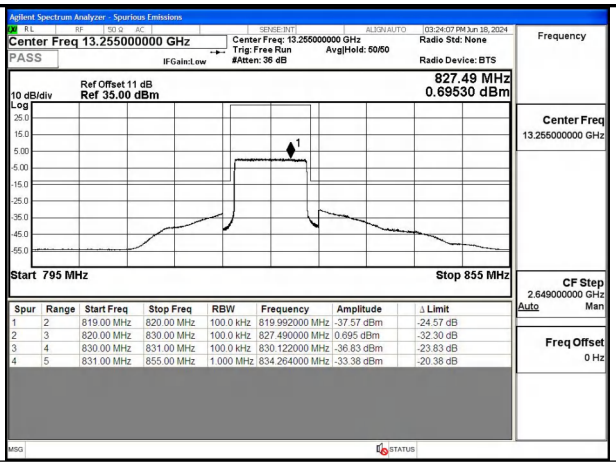


Fig.8

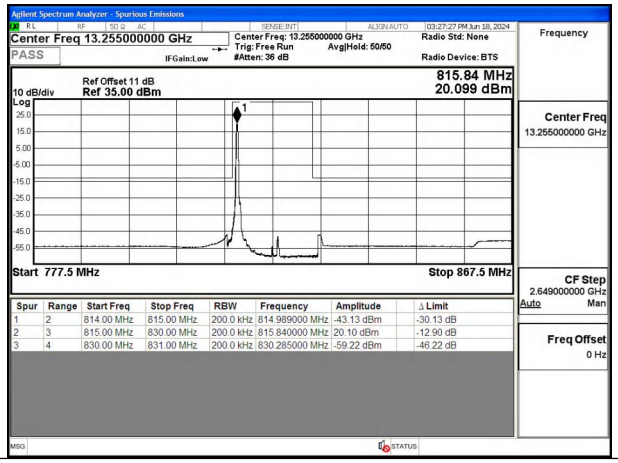


Fig.9

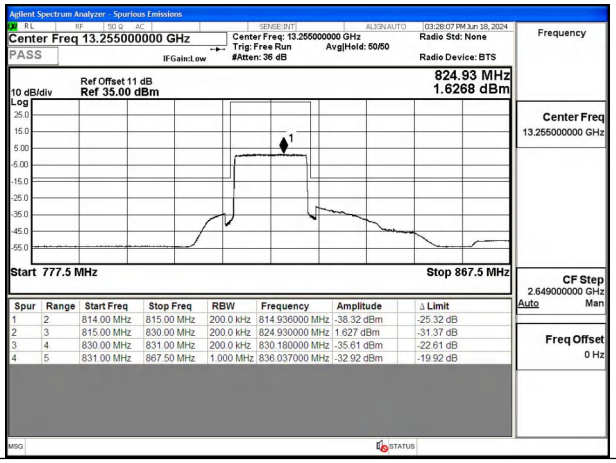


Fig.10

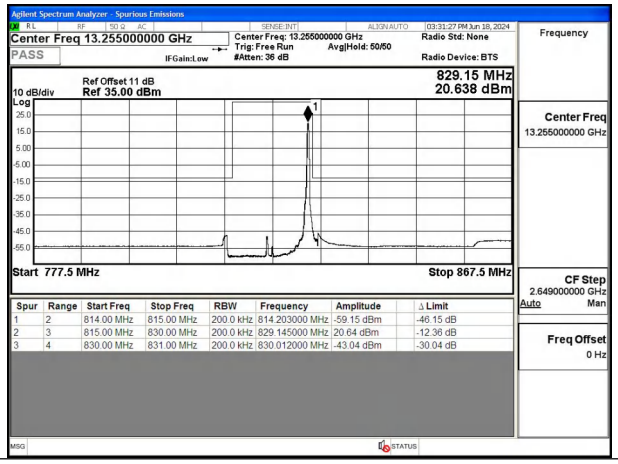


Fig.11

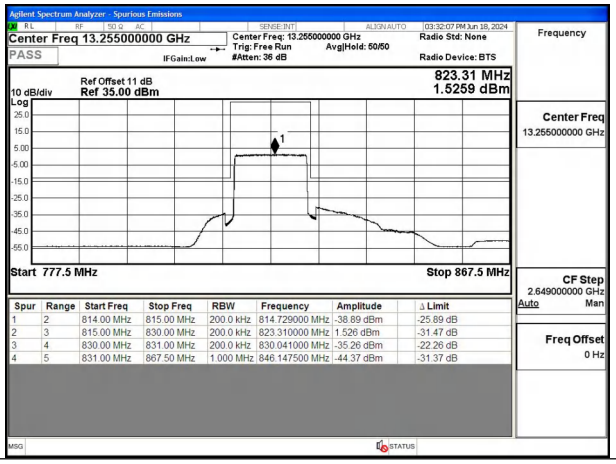


Fig.12

Test Mode: 16QAM

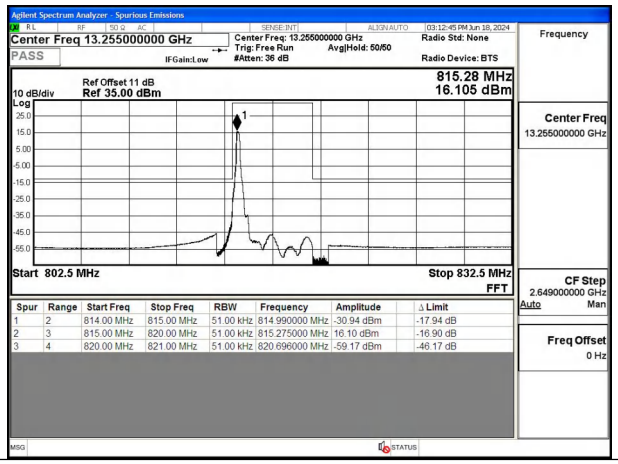


Fig.13

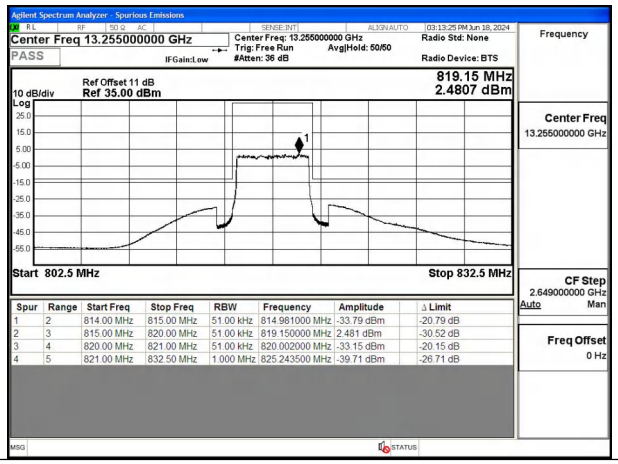


Fig.14

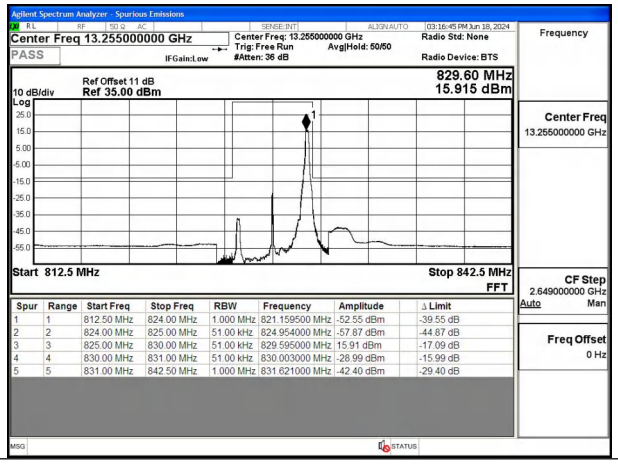


Fig.15

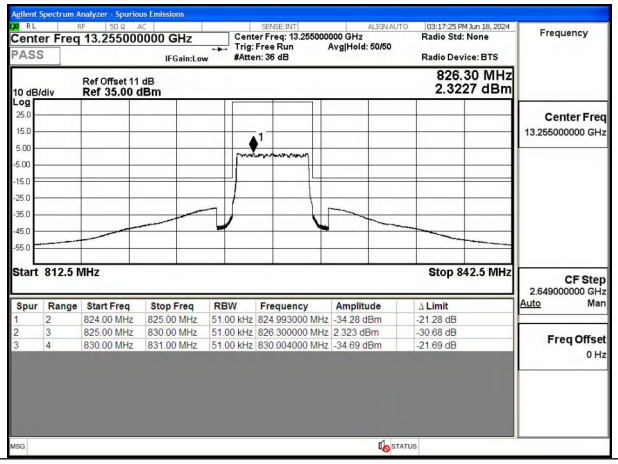


Fig.16

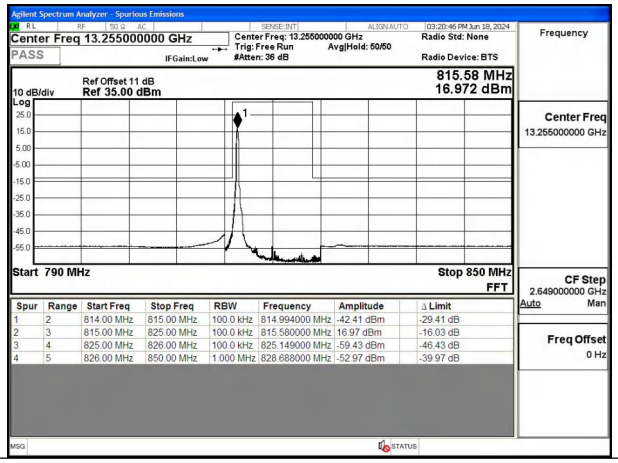


Fig.17

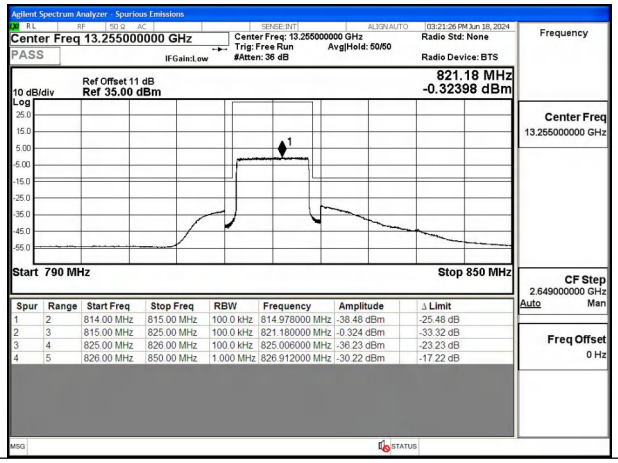


Fig.18

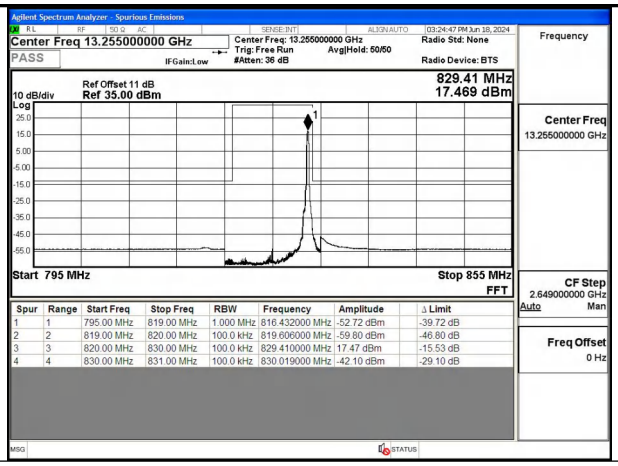


Fig.19

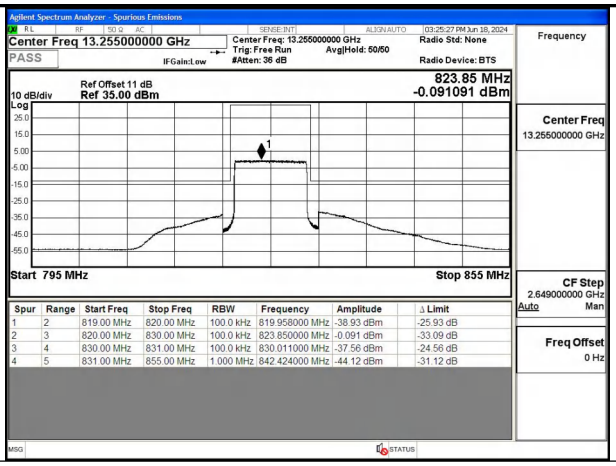


Fig.20

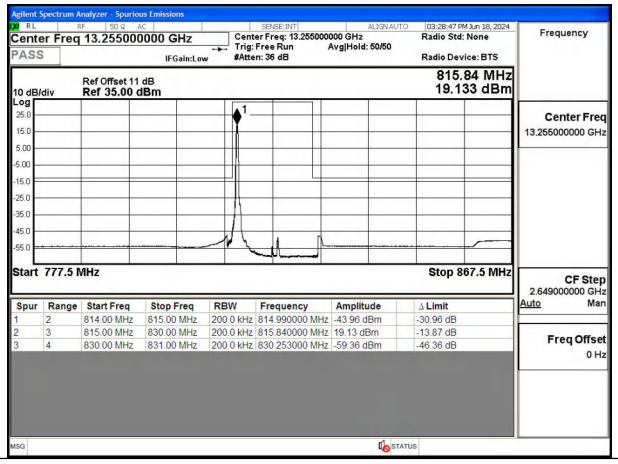


Fig.21

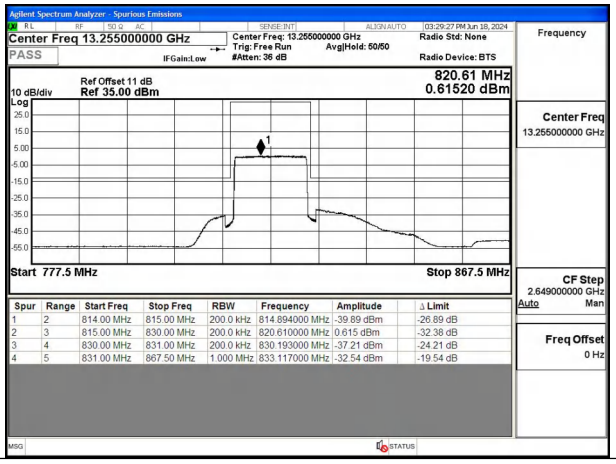


Fig.22

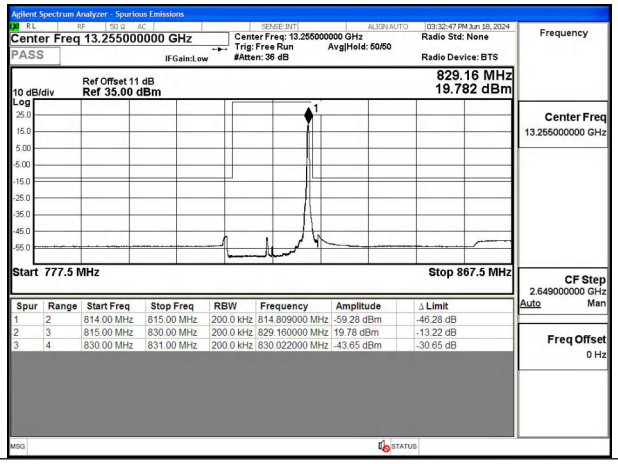


Fig.23

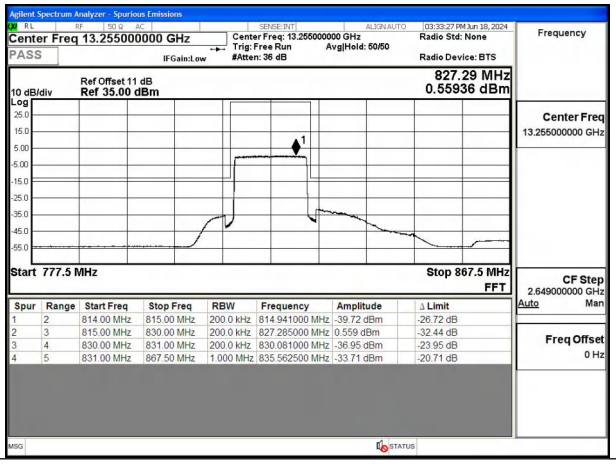


Fig.24