

## APPENDIX A – TEST DATA OF CONDUCTED EMISSION

### LTE Band 4

#### 1 RF Power Output

| Modulation | Carrier frequency (MHz) | UL Channel | BW  | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|-----|---------|-----------|-----------------------|
| 16QAM      | 1710.7                  | 19957      | 1.4 | 1       | 0         | 21.51                 |
| 16QAM      | 1710.7                  | 19957      | 1.4 | 1       | 3         | 21.55                 |
| 16QAM      | 1710.7                  | 19957      | 1.4 | 1       | 5         | 21.58                 |
| 16QAM      | 1710.7                  | 19957      | 1.4 | 3       | 0         | 21.65                 |
| 16QAM      | 1710.7                  | 19957      | 1.4 | 3       | 1         | 21.67                 |
| 16QAM      | 1710.7                  | 19957      | 1.4 | 3       | 3         | 21.67                 |
| 16QAM      | 1710.7                  | 19957      | 1.4 | 6       | 0         | 20.58                 |
| 16QAM      | 1732.5                  | 20175      | 1.4 | 1       | 0         | 21.46                 |
| 16QAM      | 1732.5                  | 20175      | 1.4 | 1       | 3         | 21.42                 |
| 16QAM      | 1732.5                  | 20175      | 1.4 | 1       | 5         | 21.52                 |
| 16QAM      | 1732.5                  | 20175      | 1.4 | 3       | 0         | 21.50                 |
| 16QAM      | 1732.5                  | 20175      | 1.4 | 3       | 1         | 21.58                 |
| 16QAM      | 1732.5                  | 20175      | 1.4 | 3       | 3         | 21.52                 |
| 16QAM      | 1732.5                  | 20175      | 1.4 | 6       | 0         | 20.50                 |
| 16QAM      | 1754.3                  | 20393      | 1.4 | 1       | 0         | 22.09                 |
| 16QAM      | 1754.3                  | 20393      | 1.4 | 1       | 3         | 22.18                 |
| 16QAM      | 1754.3                  | 20393      | 1.4 | 1       | 5         | 22.15                 |
| 16QAM      | 1754.3                  | 20393      | 1.4 | 3       | 0         | 21.51                 |
| 16QAM      | 1754.3                  | 20393      | 1.4 | 3       | 1         | 21.56                 |
| 16QAM      | 1754.3                  | 20393      | 1.4 | 3       | 3         | 21.39                 |
| 16QAM      | 1754.3                  | 20393      | 1.4 | 6       | 0         | 20.56                 |
| 64QAM      | 1710.7                  | 19957      | 1.4 | 1       | 0         | 20.55                 |
| 64QAM      | 1710.7                  | 19957      | 1.4 | 1       | 3         | 20.45                 |
| 64QAM      | 1710.7                  | 19957      | 1.4 | 1       | 5         | 20.57                 |
| 64QAM      | 1710.7                  | 19957      | 1.4 | 3       | 0         | 20.58                 |
| 64QAM      | 1710.7                  | 19957      | 1.4 | 3       | 1         | 20.58                 |
| 64QAM      | 1710.7                  | 19957      | 1.4 | 3       | 3         | 20.57                 |
| 64QAM      | 1710.7                  | 19957      | 1.4 | 6       | 0         | 19.46                 |
| 64QAM      | 1732.5                  | 20175      | 1.4 | 1       | 0         | 20.48                 |
| 64QAM      | 1732.5                  | 20175      | 1.4 | 1       | 3         | 20.38                 |
| 64QAM      | 1732.5                  | 20175      | 1.4 | 1       | 5         | 20.51                 |
| 64QAM      | 1732.5                  | 20175      | 1.4 | 3       | 0         | 20.53                 |
| 64QAM      | 1732.5                  | 20175      | 1.4 | 3       | 1         | 20.46                 |
| 64QAM      | 1732.5                  | 20175      | 1.4 | 3       | 3         | 20.55                 |
| 64QAM      | 1732.5                  | 20175      | 1.4 | 6       | 0         | 19.34                 |
| 64QAM      | 1754.3                  | 20393      | 1.4 | 1       | 0         | 20.65                 |
| 64QAM      | 1754.3                  | 20393      | 1.4 | 1       | 3         | 20.66                 |
| 64QAM      | 1754.3                  | 20393      | 1.4 | 1       | 5         | 20.70                 |
| 64QAM      | 1754.3                  | 20393      | 1.4 | 3       | 0         | 20.44                 |
| 64QAM      | 1754.3                  | 20393      | 1.4 | 3       | 1         | 20.49                 |
| 64QAM      | 1754.3                  | 20393      | 1.4 | 3       | 3         | 20.58                 |

|       |        |       |     |   |   |       |
|-------|--------|-------|-----|---|---|-------|
| 64QAM | 1754.3 | 20393 | 1.4 | 6 | 0 | 19.59 |
|-------|--------|-------|-----|---|---|-------|

| Modulation | Carrier frequency (MHz) | UL Channel | BW  | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|-----|---------|-----------|-----------------------|
| QPSK       | 1710.7                  | 19957      | 1.4 | 1       | 0         | 21.74                 |
| QPSK       | 1710.7                  | 19957      | 1.4 | 1       | 3         | 21.79                 |
| QPSK       | 1710.7                  | 19957      | 1.4 | 1       | 5         | 21.77                 |
| QPSK       | 1710.7                  | 19957      | 1.4 | 3       | 0         | 22.00                 |
| QPSK       | 1710.7                  | 19957      | 1.4 | 3       | 1         | 21.85                 |
| QPSK       | 1710.7                  | 19957      | 1.4 | 3       | 3         | 21.74                 |
| QPSK       | 1710.7                  | 19957      | 1.4 | 6       | 0         | 21.46                 |
| QPSK       | 1732.5                  | 20175      | 1.4 | 1       | 0         | 21.54                 |
| QPSK       | 1732.5                  | 20175      | 1.4 | 1       | 3         | 21.58                 |
| QPSK       | 1732.5                  | 20175      | 1.4 | 1       | 5         | 21.55                 |
| QPSK       | 1732.5                  | 20175      | 1.4 | 3       | 0         | 21.65                 |
| QPSK       | 1732.5                  | 20175      | 1.4 | 3       | 1         | 21.86                 |
| QPSK       | 1732.5                  | 20175      | 1.4 | 3       | 3         | 21.77                 |
| QPSK       | 1732.5                  | 20175      | 1.4 | 6       | 0         | 21.23                 |
| QPSK       | 1754.3                  | 20393      | 1.4 | 1       | 0         | 21.97                 |
| QPSK       | 1754.3                  | 20393      | 1.4 | 1       | 3         | 21.91                 |
| QPSK       | 1754.3                  | 20393      | 1.4 | 1       | 5         | 21.90                 |
| QPSK       | 1754.3                  | 20393      | 1.4 | 3       | 0         | 21.95                 |
| QPSK       | 1754.3                  | 20393      | 1.4 | 3       | 1         | 21.98                 |
| QPSK       | 1754.3                  | 20393      | 1.4 | 3       | 3         | 21.97                 |
| QPSK       | 1754.3                  | 20393      | 1.4 | 6       | 0         | 21.45                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM      | 1711.5                  | 19965      | 3  | 1       | 0         | 21.54                 |
| 16QAM      | 1711.5                  | 19965      | 3  | 1       | 8         | 21.50                 |
| 16QAM      | 1711.5                  | 19965      | 3  | 1       | 14        | 21.48                 |
| 16QAM      | 1711.5                  | 19965      | 3  | 8       | 0         | 20.54                 |
| 16QAM      | 1711.5                  | 19965      | 3  | 8       | 4         | 20.54                 |
| 16QAM      | 1711.5                  | 19965      | 3  | 8       | 7         | 20.60                 |
| 16QAM      | 1711.5                  | 19965      | 3  | 15      | 0         | 20.52                 |
| 16QAM      | 1732.5                  | 20175      | 3  | 1       | 0         | 22.01                 |
| 16QAM      | 1732.5                  | 20175      | 3  | 1       | 8         | 21.89                 |
| 16QAM      | 1732.5                  | 20175      | 3  | 1       | 14        | 22.02                 |
| 16QAM      | 1732.5                  | 20175      | 3  | 8       | 0         | 20.38                 |
| 16QAM      | 1732.5                  | 20175      | 3  | 8       | 4         | 20.32                 |
| 16QAM      | 1732.5                  | 20175      | 3  | 8       | 7         | 20.30                 |
| 16QAM      | 1732.5                  | 20175      | 3  | 15      | 0         | 20.50                 |
| 16QAM      | 1753.5                  | 20385      | 3  | 1       | 0         | 21.44                 |
| 16QAM      | 1753.5                  | 20385      | 3  | 1       | 8         | 21.39                 |
| 16QAM      | 1753.5                  | 20385      | 3  | 1       | 14        | 21.40                 |
| 16QAM      | 1753.5                  | 20385      | 3  | 8       | 0         | 20.45                 |
| 16QAM      | 1753.5                  | 20385      | 3  | 8       | 4         | 20.46                 |
| 16QAM      | 1753.5                  | 20385      | 3  | 8       | 7         | 20.48                 |
| 16QAM      | 1753.5                  | 20385      | 3  | 15      | 0         | 20.61                 |
| 64QAM      | 1711.5                  | 19965      | 3  | 1       | 0         | 21.10                 |
| 64QAM      | 1711.5                  | 19965      | 3  | 1       | 8         | 21.10                 |
| 64QAM      | 1711.5                  | 19965      | 3  | 1       | 14        | 21.11                 |
| 64QAM      | 1711.5                  | 19965      | 3  | 8       | 0         | 19.54                 |
| 64QAM      | 1711.5                  | 19965      | 3  | 8       | 4         | 19.47                 |
| 64QAM      | 1711.5                  | 19965      | 3  | 8       | 7         | 19.57                 |
| 64QAM      | 1711.5                  | 19965      | 3  | 15      | 0         | 19.52                 |
| 64QAM      | 1732.5                  | 20175      | 3  | 1       | 0         | 20.10                 |
| 64QAM      | 1732.5                  | 20175      | 3  | 1       | 8         | 20.04                 |
| 64QAM      | 1732.5                  | 20175      | 3  | 1       | 14        | 20.06                 |
| 64QAM      | 1732.5                  | 20175      | 3  | 8       | 0         | 19.34                 |
| 64QAM      | 1732.5                  | 20175      | 3  | 8       | 4         | 19.27                 |
| 64QAM      | 1732.5                  | 20175      | 3  | 8       | 7         | 19.32                 |
| 64QAM      | 1732.5                  | 20175      | 3  | 15      | 0         | 19.58                 |
| 64QAM      | 1753.5                  | 20385      | 3  | 1       | 0         | 22.00                 |
| 64QAM      | 1753.5                  | 20385      | 3  | 1       | 8         | 22.13                 |
| 64QAM      | 1753.5                  | 20385      | 3  | 1       | 14        | 22.24                 |
| 64QAM      | 1753.5                  | 20385      | 3  | 8       | 0         | 19.49                 |
| 64QAM      | 1753.5                  | 20385      | 3  | 8       | 4         | 19.50                 |
| 64QAM      | 1753.5                  | 20385      | 3  | 8       | 7         | 19.50                 |
| 64QAM      | 1753.5                  | 20385      | 3  | 15      | 0         | 19.63                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 1711.5                  | 19965      | 3  | 1       | 0         | 21.90                 |
| QPSK       | 1711.5                  | 19965      | 3  | 1       | 8         | 22.00                 |
| QPSK       | 1711.5                  | 19965      | 3  | 1       | 14        | 21.62                 |
| QPSK       | 1711.5                  | 19965      | 3  | 8       | 0         | 21.37                 |
| QPSK       | 1711.5                  | 19965      | 3  | 8       | 4         | 21.03                 |
| QPSK       | 1711.5                  | 19965      | 3  | 8       | 7         | 21.16                 |
| QPSK       | 1711.5                  | 19965      | 3  | 15      | 0         | 21.44                 |
| QPSK       | 1732.5                  | 20175      | 3  | 1       | 0         | 21.81                 |
| QPSK       | 1732.5                  | 20175      | 3  | 1       | 8         | 21.88                 |
| QPSK       | 1732.5                  | 20175      | 3  | 1       | 14        | 21.75                 |
| QPSK       | 1732.5                  | 20175      | 3  | 8       | 0         | 21.30                 |
| QPSK       | 1732.5                  | 20175      | 3  | 8       | 4         | 21.23                 |
| QPSK       | 1732.5                  | 20175      | 3  | 8       | 7         | 21.21                 |
| QPSK       | 1732.5                  | 20175      | 3  | 15      | 0         | 21.18                 |
| QPSK       | 1753.5                  | 20385      | 3  | 1       | 0         | 22.20                 |
| QPSK       | 1753.5                  | 20385      | 3  | 1       | 8         | 22.22                 |
| QPSK       | 1753.5                  | 20385      | 3  | 1       | 14        | 22.29                 |
| QPSK       | 1753.5                  | 20385      | 3  | 8       | 0         | 21.40                 |
| QPSK       | 1753.5                  | 20385      | 3  | 8       | 4         | 21.40                 |
| QPSK       | 1753.5                  | 20385      | 3  | 8       | 7         | 21.48                 |
| QPSK       | 1753.5                  | 20385      | 3  | 15      | 0         | 21.38                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM      | 1712.5                  | 19975      | 5  | 1       | 0         | 20.84                 |
| 16QAM      | 1712.5                  | 19975      | 5  | 1       | 12        | 20.91                 |
| 16QAM      | 1712.5                  | 19975      | 5  | 1       | 24        | 20.91                 |
| 16QAM      | 1712.5                  | 19975      | 5  | 12      | 0         | 20.30                 |
| 16QAM      | 1712.5                  | 19975      | 5  | 12      | 7         | 20.45                 |
| 16QAM      | 1712.5                  | 19975      | 5  | 12      | 13        | 20.45                 |
| 16QAM      | 1712.5                  | 19975      | 5  | 25      | 0         | 20.66                 |
| 16QAM      | 1732.5                  | 20175      | 5  | 1       | 0         | 21.39                 |
| 16QAM      | 1732.5                  | 20175      | 5  | 1       | 12        | 21.27                 |
| 16QAM      | 1732.5                  | 20175      | 5  | 1       | 24        | 21.35                 |
| 16QAM      | 1732.5                  | 20175      | 5  | 12      | 0         | 20.15                 |
| 16QAM      | 1732.5                  | 20175      | 5  | 12      | 7         | 20.18                 |
| 16QAM      | 1732.5                  | 20175      | 5  | 12      | 13        | 20.14                 |
| 16QAM      | 1732.5                  | 20175      | 5  | 25      | 0         | 20.33                 |
| 16QAM      | 1752.5                  | 20375      | 5  | 1       | 0         | 21.12                 |
| 16QAM      | 1752.5                  | 20375      | 5  | 1       | 12        | 21.16                 |
| 16QAM      | 1752.5                  | 20375      | 5  | 1       | 24        | 21.14                 |
| 16QAM      | 1752.5                  | 20375      | 5  | 12      | 0         | 20.50                 |
| 16QAM      | 1752.5                  | 20375      | 5  | 12      | 7         | 20.45                 |
| 16QAM      | 1752.5                  | 20375      | 5  | 12      | 13        | 20.48                 |
| 16QAM      | 1752.5                  | 20375      | 5  | 25      | 0         | 20.55                 |
| 64QAM      | 1712.5                  | 19975      | 5  | 1       | 0         | 20.09                 |
| 64QAM      | 1712.5                  | 19975      | 5  | 1       | 12        | 20.16                 |
| 64QAM      | 1712.5                  | 19975      | 5  | 1       | 24        | 20.16                 |
| 64QAM      | 1712.5                  | 19975      | 5  | 12      | 0         | 19.58                 |
| 64QAM      | 1712.5                  | 19975      | 5  | 12      | 7         | 19.53                 |
| 64QAM      | 1712.5                  | 19975      | 5  | 12      | 13        | 19.51                 |
| 64QAM      | 1712.5                  | 19975      | 5  | 25      | 0         | 19.62                 |
| 64QAM      | 1732.5                  | 20175      | 5  | 1       | 0         | 20.45                 |
| 64QAM      | 1732.5                  | 20175      | 5  | 1       | 12        | 20.43                 |
| 64QAM      | 1732.5                  | 20175      | 5  | 1       | 24        | 20.37                 |
| 64QAM      | 1732.5                  | 20175      | 5  | 12      | 0         | 19.20                 |
| 64QAM      | 1732.5                  | 20175      | 5  | 12      | 7         | 19.24                 |
| 64QAM      | 1732.5                  | 20175      | 5  | 12      | 13        | 19.25                 |
| 64QAM      | 1732.5                  | 20175      | 5  | 25      | 0         | 19.32                 |
| 64QAM      | 1752.5                  | 20375      | 5  | 1       | 0         | 20.61                 |
| 64QAM      | 1752.5                  | 20375      | 5  | 1       | 12        | 20.54                 |
| 64QAM      | 1752.5                  | 20375      | 5  | 1       | 24        | 20.68                 |
| 64QAM      | 1752.5                  | 20375      | 5  | 12      | 0         | 19.54                 |
| 64QAM      | 1752.5                  | 20375      | 5  | 12      | 7         | 19.51                 |
| 64QAM      | 1752.5                  | 20375      | 5  | 12      | 13        | 19.44                 |
| 64QAM      | 1752.5                  | 20375      | 5  | 25      | 0         | 19.67                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 1712.5                  | 19975      | 5  | 1       | 0         | 21.98                 |
| QPSK       | 1712.5                  | 19975      | 5  | 1       | 12        | 21.80                 |
| QPSK       | 1712.5                  | 19975      | 5  | 1       | 24        | 21.96                 |
| QPSK       | 1712.5                  | 19975      | 5  | 12      | 0         | 21.34                 |
| QPSK       | 1712.5                  | 19975      | 5  | 12      | 7         | 21.37                 |
| QPSK       | 1712.5                  | 19975      | 5  | 12      | 13        | 21.15                 |
| QPSK       | 1712.5                  | 19975      | 5  | 25      | 0         | 21.41                 |
| QPSK       | 1732.5                  | 20175      | 5  | 1       | 0         | 21.65                 |
| QPSK       | 1732.5                  | 20175      | 5  | 1       | 12        | 21.55                 |
| QPSK       | 1732.5                  | 20175      | 5  | 1       | 24        | 21.62                 |
| QPSK       | 1732.5                  | 20175      | 5  | 12      | 0         | 21.29                 |
| QPSK       | 1732.5                  | 20175      | 5  | 12      | 7         | 21.32                 |
| QPSK       | 1732.5                  | 20175      | 5  | 12      | 13        | 21.20                 |
| QPSK       | 1732.5                  | 20175      | 5  | 25      | 0         | 21.31                 |
| QPSK       | 1752.5                  | 20375      | 5  | 1       | 0         | 22.17                 |
| QPSK       | 1752.5                  | 20375      | 5  | 1       | 12        | 22.14                 |
| QPSK       | 1752.5                  | 20375      | 5  | 1       | 24        | 22.25                 |
| QPSK       | 1752.5                  | 20375      | 5  | 12      | 0         | 21.52                 |
| QPSK       | 1752.5                  | 20375      | 5  | 12      | 7         | 21.48                 |
| QPSK       | 1752.5                  | 20375      | 5  | 12      | 13        | 21.40                 |
| QPSK       | 1752.5                  | 20375      | 5  | 25      | 0         | 21.47                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM      | 1715                    | 20000      | 10 | 1       | 0         | 22.40                 |
| 16QAM      | 1715                    | 20000      | 10 | 1       | 25        | 22.32                 |
| 16QAM      | 1715                    | 20000      | 10 | 1       | 49        | 22.49                 |
| 16QAM      | 1715                    | 20000      | 10 | 25      | 0         | 20.62                 |
| 16QAM      | 1715                    | 20000      | 10 | 25      | 12        | 20.53                 |
| 16QAM      | 1715                    | 20000      | 10 | 25      | 25        | 20.51                 |
| 16QAM      | 1715                    | 20000      | 10 | 50      | 0         | 20.43                 |
| 16QAM      | 1732.5                  | 20175      | 10 | 1       | 0         | 21.87                 |
| 16QAM      | 1732.5                  | 20175      | 10 | 1       | 25        | 21.78                 |
| 16QAM      | 1732.5                  | 20175      | 10 | 1       | 49        | 21.90                 |
| 16QAM      | 1732.5                  | 20175      | 10 | 25      | 0         | 20.42                 |
| 16QAM      | 1732.5                  | 20175      | 10 | 25      | 12        | 20.45                 |
| 16QAM      | 1732.5                  | 20175      | 10 | 25      | 25        | 20.48                 |
| 16QAM      | 1732.5                  | 20175      | 10 | 50      | 0         | 20.41                 |
| 16QAM      | 1750                    | 20350      | 10 | 1       | 0         | 21.72                 |
| 16QAM      | 1750                    | 20350      | 10 | 1       | 25        | 21.73                 |
| 16QAM      | 1750                    | 20350      | 10 | 1       | 49        | 21.86                 |
| 16QAM      | 1750                    | 20350      | 10 | 25      | 0         | 20.73                 |
| 16QAM      | 1750                    | 20350      | 10 | 25      | 12        | 20.69                 |
| 16QAM      | 1750                    | 20350      | 10 | 25      | 25        | 20.65                 |
| 16QAM      | 1750                    | 20350      | 10 | 50      | 0         | 20.57                 |
| 64QAM      | 1715                    | 20000      | 10 | 1       | 0         | 21.12                 |
| 64QAM      | 1715                    | 20000      | 10 | 1       | 25        | 21.09                 |
| 64QAM      | 1715                    | 20000      | 10 | 1       | 49        | 20.98                 |
| 64QAM      | 1715                    | 20000      | 10 | 25      | 0         | 19.61                 |
| 64QAM      | 1715                    | 20000      | 10 | 25      | 12        | 19.54                 |
| 64QAM      | 1715                    | 20000      | 10 | 25      | 25        | 19.57                 |
| 64QAM      | 1715                    | 20000      | 10 | 50      | 0         | 19.43                 |
| 64QAM      | 1732.5                  | 20175      | 10 | 1       | 0         | 20.12                 |
| 64QAM      | 1732.5                  | 20175      | 10 | 1       | 25        | 20.03                 |
| 64QAM      | 1732.5                  | 20175      | 10 | 1       | 49        | 20.10                 |
| 64QAM      | 1732.5                  | 20175      | 10 | 25      | 0         | 19.62                 |
| 64QAM      | 1732.5                  | 20175      | 10 | 25      | 12        | 19.46                 |
| 64QAM      | 1732.5                  | 20175      | 10 | 25      | 25        | 19.49                 |
| 64QAM      | 1732.5                  | 20175      | 10 | 50      | 0         | 19.35                 |
| 64QAM      | 1750                    | 20350      | 10 | 1       | 0         | 21.04                 |
| 64QAM      | 1750                    | 20350      | 10 | 1       | 25        | 20.96                 |
| 64QAM      | 1750                    | 20350      | 10 | 1       | 49        | 21.06                 |
| 64QAM      | 1750                    | 20350      | 10 | 25      | 0         | 19.63                 |
| 64QAM      | 1750                    | 20350      | 10 | 25      | 12        | 19.59                 |
| 64QAM      | 1750                    | 20350      | 10 | 25      | 25        | 19.58                 |
| 64QAM      | 1750                    | 20350      | 10 | 50      | 0         | 19.64                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 1715                    | 20000      | 10 | 1       | 0         | 21.99                 |
| QPSK       | 1715                    | 20000      | 10 | 1       | 25        | 21.87                 |
| QPSK       | 1715                    | 20000      | 10 | 1       | 49        | 21.85                 |
| QPSK       | 1715                    | 20000      | 10 | 25      | 0         | 21.63                 |
| QPSK       | 1715                    | 20000      | 10 | 25      | 12        | 21.37                 |
| QPSK       | 1715                    | 20000      | 10 | 25      | 25        | 21.40                 |
| QPSK       | 1715                    | 20000      | 10 | 50      | 0         | 21.39                 |
| QPSK       | 1732.5                  | 20175      | 10 | 1       | 0         | 21.91                 |
| QPSK       | 1732.5                  | 20175      | 10 | 1       | 25        | 22.02                 |
| QPSK       | 1732.5                  | 20175      | 10 | 1       | 49        | 21.91                 |
| QPSK       | 1732.5                  | 20175      | 10 | 25      | 0         | 21.18                 |
| QPSK       | 1732.5                  | 20175      | 10 | 25      | 12        | 21.23                 |
| QPSK       | 1732.5                  | 20175      | 10 | 25      | 25        | 21.17                 |
| QPSK       | 1732.5                  | 20175      | 10 | 50      | 0         | 21.30                 |
| QPSK       | 1750                    | 20350      | 10 | 1       | 0         | 21.87                 |
| QPSK       | 1750                    | 20350      | 10 | 1       | 25        | 21.81                 |
| QPSK       | 1750                    | 20350      | 10 | 1       | 49        | 21.93                 |
| QPSK       | 1750                    | 20350      | 10 | 25      | 0         | 21.33                 |
| QPSK       | 1750                    | 20350      | 10 | 25      | 12        | 21.37                 |
| QPSK       | 1750                    | 20350      | 10 | 25      | 25        | 21.50                 |
| QPSK       | 1750                    | 20350      | 10 | 50      | 0         | 21.41                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM      | 1717.5                  | 20025      | 15 | 1       | 0         | 22.40                 |
| 16QAM      | 1717.5                  | 20025      | 15 | 1       | 37        | 22.37                 |
| 16QAM      | 1717.5                  | 20025      | 15 | 1       | 74        | 22.25                 |
| 16QAM      | 1717.5                  | 20025      | 15 | 36      | 0         | 20.54                 |
| 16QAM      | 1717.5                  | 20025      | 15 | 36      | 29        | 20.45                 |
| 16QAM      | 1717.5                  | 20025      | 15 | 36      | 30        | 20.55                 |
| 16QAM      | 1717.5                  | 20025      | 15 | 75      | 0         | 20.50                 |
| 16QAM      | 1732.5                  | 20175      | 15 | 1       | 0         | 21.82                 |
| 16QAM      | 1732.5                  | 20175      | 15 | 1       | 37        | 21.76                 |
| 16QAM      | 1732.5                  | 20175      | 15 | 1       | 74        | 21.75                 |
| 16QAM      | 1732.5                  | 20175      | 15 | 36      | 0         | 20.40                 |
| 16QAM      | 1732.5                  | 20175      | 15 | 36      | 29        | 20.47                 |
| 16QAM      | 1732.5                  | 20175      | 15 | 36      | 30        | 20.48                 |
| 16QAM      | 1732.5                  | 20175      | 15 | 75      | 0         | 20.40                 |
| 16QAM      | 1747.5                  | 20325      | 15 | 1       | 0         | 22.01                 |
| 16QAM      | 1747.5                  | 20325      | 15 | 1       | 37        | 21.89                 |
| 16QAM      | 1747.5                  | 20325      | 15 | 1       | 74        | 22.08                 |
| 16QAM      | 1747.5                  | 20325      | 15 | 36      | 0         | 20.46                 |
| 16QAM      | 1747.5                  | 20325      | 15 | 36      | 29        | 20.41                 |
| 16QAM      | 1747.5                  | 20325      | 15 | 36      | 30        | 20.53                 |
| 16QAM      | 1747.5                  | 20325      | 15 | 75      | 0         | 20.59                 |
| 64QAM      | 1717.5                  | 20025      | 15 | 1       | 0         | 21.11                 |
| 64QAM      | 1717.5                  | 20025      | 15 | 1       | 37        | 21.10                 |
| 64QAM      | 1717.5                  | 20025      | 15 | 1       | 74        | 21.10                 |
| 64QAM      | 1717.5                  | 20025      | 15 | 36      | 0         | 19.52                 |
| 64QAM      | 1717.5                  | 20025      | 15 | 36      | 29        | 19.87                 |
| 64QAM      | 1717.5                  | 20025      | 15 | 36      | 30        | 19.85                 |
| 64QAM      | 1717.5                  | 20025      | 15 | 75      | 0         | 19.45                 |
| 64QAM      | 1732.5                  | 20175      | 15 | 1       | 0         | 20.19                 |
| 64QAM      | 1732.5                  | 20175      | 15 | 1       | 37        | 20.17                 |
| 64QAM      | 1732.5                  | 20175      | 15 | 1       | 74        | 20.16                 |
| 64QAM      | 1732.5                  | 20175      | 15 | 36      | 0         | 19.53                 |
| 64QAM      | 1732.5                  | 20175      | 15 | 36      | 29        | 19.47                 |
| 64QAM      | 1732.5                  | 20175      | 15 | 36      | 30        | 19.61                 |
| 64QAM      | 1732.5                  | 20175      | 15 | 75      | 0         | 19.47                 |
| 64QAM      | 1747.5                  | 20325      | 15 | 1       | 0         | 21.34                 |
| 64QAM      | 1747.5                  | 20325      | 15 | 1       | 37        | 21.54                 |
| 64QAM      | 1747.5                  | 20325      | 15 | 1       | 74        | 21.55                 |
| 64QAM      | 1747.5                  | 20325      | 15 | 36      | 0         | 19.58                 |
| 64QAM      | 1747.5                  | 20325      | 15 | 36      | 29        | 19.61                 |
| 64QAM      | 1747.5                  | 20325      | 15 | 36      | 30        | 19.62                 |
| 64QAM      | 1747.5                  | 20325      | 15 | 75      | 0         | 19.61                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 1717.5                  | 20025      | 15 | 1       | 0         | 21.98                 |
| QPSK       | 1717.5                  | 20025      | 15 | 1       | 37        | 21.87                 |
| QPSK       | 1717.5                  | 20025      | 15 | 1       | 74        | 21.84                 |
| QPSK       | 1717.5                  | 20025      | 15 | 36      | 0         | 21.42                 |
| QPSK       | 1717.5                  | 20025      | 15 | 36      | 29        | 21.26                 |
| QPSK       | 1717.5                  | 20025      | 15 | 36      | 30        | 21.26                 |
| QPSK       | 1717.5                  | 20025      | 15 | 75      | 0         | 21.32                 |
| QPSK       | 1732.5                  | 20175      | 15 | 1       | 0         | 21.82                 |
| QPSK       | 1732.5                  | 20175      | 15 | 1       | 37        | 21.86                 |
| QPSK       | 1732.5                  | 20175      | 15 | 1       | 74        | 21.98                 |
| QPSK       | 1732.5                  | 20175      | 15 | 36      | 0         | 21.31                 |
| QPSK       | 1732.5                  | 20175      | 15 | 36      | 29        | 21.23                 |
| QPSK       | 1732.5                  | 20175      | 15 | 36      | 30        | 21.23                 |
| QPSK       | 1732.5                  | 20175      | 15 | 75      | 0         | 21.27                 |
| QPSK       | 1747.5                  | 20325      | 15 | 1       | 0         | 21.77                 |
| QPSK       | 1747.5                  | 20325      | 15 | 1       | 37        | 21.78                 |
| QPSK       | 1747.5                  | 20325      | 15 | 1       | 74        | 21.81                 |
| QPSK       | 1747.5                  | 20325      | 15 | 36      | 0         | 21.48                 |
| QPSK       | 1747.5                  | 20325      | 15 | 36      | 29        | 21.50                 |
| QPSK       | 1747.5                  | 20325      | 15 | 36      | 30        | 21.49                 |
| QPSK       | 1747.5                  | 20325      | 15 | 75      | 0         | 21.47                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM      | 1720                    | 20050      | 20 | 1       | 0         | 21.95                 |
| 16QAM      | 1720                    | 20050      | 20 | 1       | 49        | 22.02                 |
| 16QAM      | 1720                    | 20050      | 20 | 1       | 99        | 21.91                 |
| 16QAM      | 1720                    | 20050      | 20 | 50      | 0         | 20.57                 |
| 16QAM      | 1720                    | 20050      | 20 | 50      | 24        | 20.39                 |
| 16QAM      | 1720                    | 20050      | 20 | 50      | 50        | 20.45                 |
| 16QAM      | 1720                    | 20050      | 20 | 100     | 0         | 20.40                 |
| 16QAM      | 1732.5                  | 20175      | 20 | 1       | 0         | 21.50                 |
| 16QAM      | 1732.5                  | 20175      | 20 | 1       | 49        | 21.59                 |
| 16QAM      | 1732.5                  | 20175      | 20 | 1       | 99        | 21.64                 |
| 16QAM      | 1732.5                  | 20175      | 20 | 50      | 0         | 20.45                 |
| 16QAM      | 1732.5                  | 20175      | 20 | 50      | 24        | 20.36                 |
| 16QAM      | 1732.5                  | 20175      | 20 | 50      | 50        | 20.43                 |
| 16QAM      | 1732.5                  | 20175      | 20 | 100     | 0         | 20.38                 |
| 16QAM      | 1745                    | 20300      | 20 | 1       | 0         | 21.54                 |
| 16QAM      | 1745                    | 20300      | 20 | 1       | 49        | 21.68                 |
| 16QAM      | 1745                    | 20300      | 20 | 1       | 99        | 21.74                 |
| 16QAM      | 1745                    | 20300      | 20 | 50      | 0         | 20.45                 |
| 16QAM      | 1745                    | 20300      | 20 | 50      | 24        | 20.50                 |
| 16QAM      | 1745                    | 20300      | 20 | 50      | 50        | 20.59                 |
| 16QAM      | 1745                    | 20300      | 20 | 100     | 0         | 20.66                 |
| 64QAM      | 1720                    | 20050      | 20 | 1       | 0         | 21.64                 |
| 64QAM      | 1720                    | 20050      | 20 | 1       | 49        | 21.46                 |
| 64QAM      | 1720                    | 20050      | 20 | 1       | 99        | 21.30                 |
| 64QAM      | 1720                    | 20050      | 20 | 50      | 0         | 19.53                 |
| 64QAM      | 1720                    | 20050      | 20 | 50      | 24        | 20.04                 |
| 64QAM      | 1720                    | 20050      | 20 | 50      | 50        | 19.47                 |
| 64QAM      | 1720                    | 20050      | 20 | 100     | 0         | 19.88                 |
| 64QAM      | 1732.5                  | 20175      | 20 | 1       | 0         | 21.10                 |
| 64QAM      | 1732.5                  | 20175      | 20 | 1       | 49        | 21.06                 |
| 64QAM      | 1732.5                  | 20175      | 20 | 1       | 99        | 21.17                 |
| 64QAM      | 1732.5                  | 20175      | 20 | 50      | 0         | 19.84                 |
| 64QAM      | 1732.5                  | 20175      | 20 | 50      | 24        | 19.24                 |
| 64QAM      | 1732.5                  | 20175      | 20 | 50      | 50        | 19.84                 |
| 64QAM      | 1732.5                  | 20175      | 20 | 100     | 0         | 19.53                 |
| 64QAM      | 1745                    | 20300      | 20 | 1       | 0         | 22.02                 |
| 64QAM      | 1745                    | 20300      | 20 | 1       | 49        | 22.12                 |
| 64QAM      | 1745                    | 20300      | 20 | 1       | 99        | 22.25                 |
| 64QAM      | 1745                    | 20300      | 20 | 50      | 0         | 19.50                 |
| 64QAM      | 1745                    | 20300      | 20 | 50      | 24        | 19.62                 |
| 64QAM      | 1745                    | 20300      | 20 | 50      | 50        | 19.63                 |
| 64QAM      | 1745                    | 20300      | 20 | 100     | 0         | 19.63                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 1720                    | 20050      | 20 | 1       | 0         | 21.89                 |
| QPSK       | 1720                    | 20050      | 20 | 1       | 49        | 21.67                 |
| QPSK       | 1720                    | 20050      | 20 | 1       | 99        | 21.78                 |
| QPSK       | 1720                    | 20050      | 20 | 50      | 0         | 21.35                 |
| QPSK       | 1720                    | 20050      | 20 | 50      | 24        | 21.23                 |
| QPSK       | 1720                    | 20050      | 20 | 50      | 50        | 21.20                 |
| QPSK       | 1720                    | 20050      | 20 | 100     | 0         | 21.35                 |
| QPSK       | 1732.5                  | 20175      | 20 | 1       | 0         | 21.82                 |
| QPSK       | 1732.5                  | 20175      | 20 | 1       | 49        | 21.72                 |
| QPSK       | 1732.5                  | 20175      | 20 | 1       | 99        | 21.86                 |
| QPSK       | 1732.5                  | 20175      | 20 | 50      | 0         | 21.15                 |
| QPSK       | 1732.5                  | 20175      | 20 | 50      | 24        | 21.26                 |
| QPSK       | 1732.5                  | 20175      | 20 | 50      | 50        | 21.27                 |
| QPSK       | 1732.5                  | 20175      | 20 | 100     | 0         | 21.22                 |
| QPSK       | 1745                    | 20300      | 20 | 1       | 0         | 21.73                 |
| QPSK       | 1745                    | 20300      | 20 | 1       | 49        | 21.78                 |
| QPSK       | 1745                    | 20300      | 20 | 1       | 99        | 21.84                 |
| QPSK       | 1745                    | 20300      | 20 | 50      | 0         | 21.39                 |
| QPSK       | 1745                    | 20300      | 20 | 50      | 24        | 21.40                 |
| QPSK       | 1745                    | 20300      | 20 | 50      | 50        | 21.50                 |
| QPSK       | 1745                    | 20300      | 20 | 100     | 0         | 21.41                 |

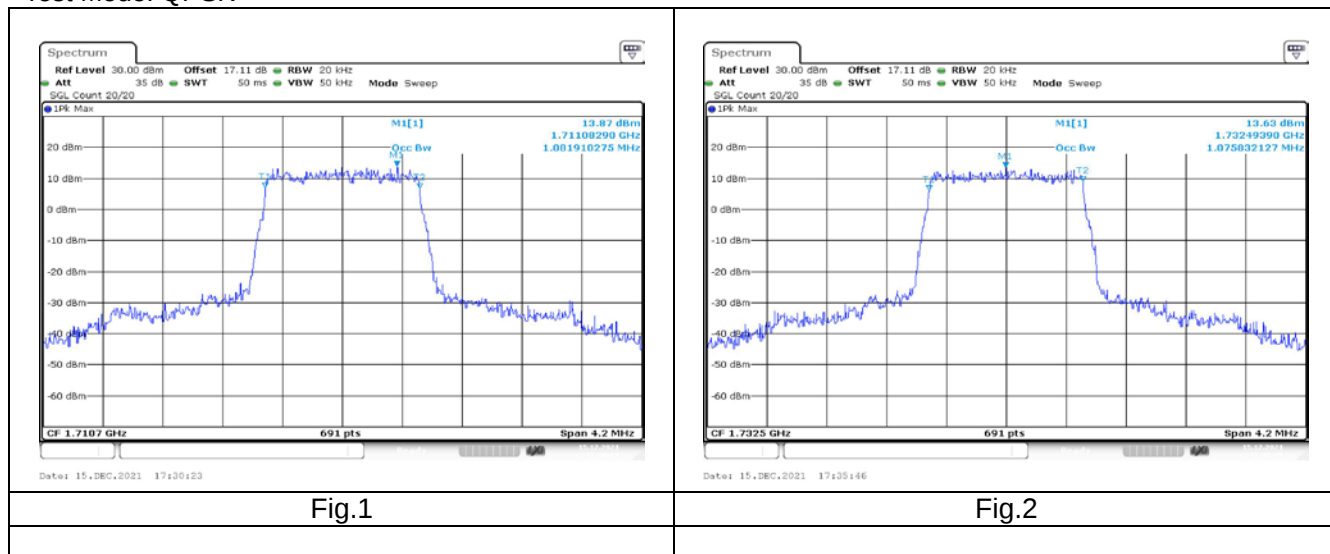
## 2 Occupied Bandwidth

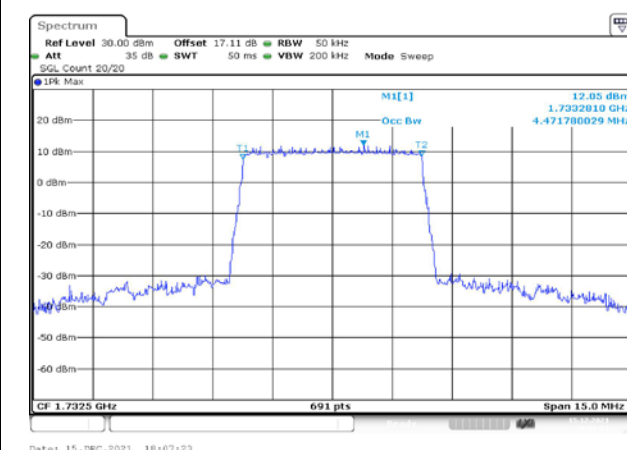
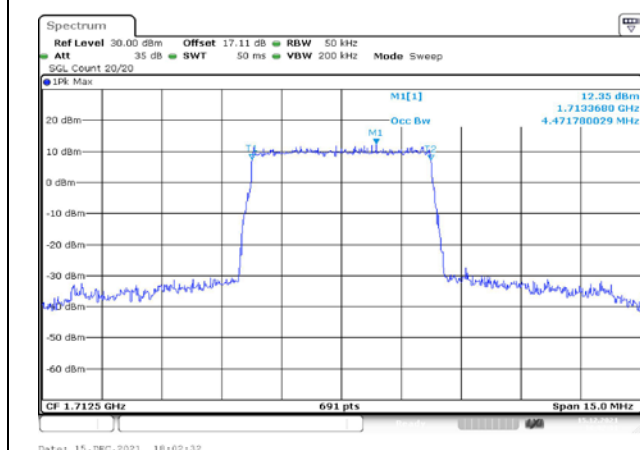
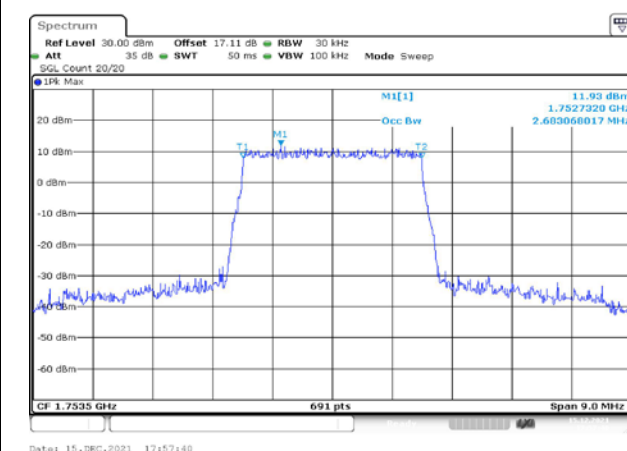
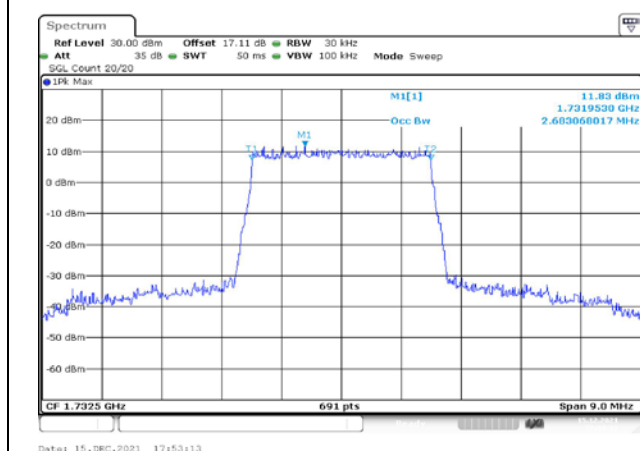
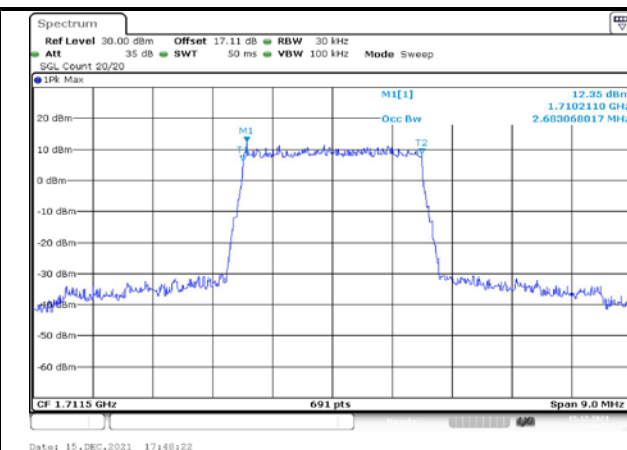
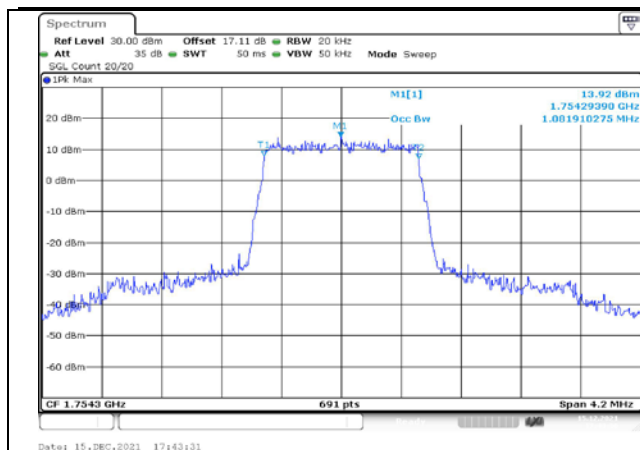
| Band | Mode | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of 99% Power (MHz) |        |
|------|------|-------------------------|---------|----------|---------|-----------|------------------------------|--------|
| 4    | QPSK | 1710.7                  | 19957   | 1.4      | 6       | 0         | 1.082                        | Fig.1  |
| 4    | QPSK | 1732.5                  | 20175   | 1.4      | 6       | 0         | 1.076                        | Fig.2  |
| 4    | QPSK | 1754.3                  | 20393   | 1.4      | 6       | 0         | 1.082                        | Fig.3  |
| 4    | QPSK | 1711.5                  | 19965   | 3        | 15      | 0         | 2.683                        | Fig.4  |
| 4    | QPSK | 1732.5                  | 20175   | 3        | 15      | 0         | 2.683                        | Fig.5  |
| 4    | QPSK | 1753.5                  | 20385   | 3        | 15      | 0         | 2.683                        | Fig.6  |
| 4    | QPSK | 1712.5                  | 19975   | 5        | 25      | 0         | 4.472                        | Fig.7  |
| 4    | QPSK | 1732.5                  | 20175   | 5        | 25      | 0         | 4.472                        | Fig.8  |
| 4    | QPSK | 1752.5                  | 20375   | 5        | 25      | 0         | 4.472                        | Fig.9  |
| 4    | QPSK | 1715                    | 20000   | 10       | 50      | 0         | 8.944                        | Fig.10 |
| 4    | QPSK | 1732.5                  | 20175   | 10       | 50      | 0         | 8.944                        | Fig.11 |
| 4    | QPSK | 1750                    | 20350   | 10       | 50      | 0         | 8.944                        | Fig.12 |
| 4    | QPSK | 1717.5                  | 20025   | 15       | 75      | 0         | 13.415                       | Fig.13 |
| 4    | QPSK | 1732.5                  | 20175   | 15       | 75      | 0         | 13.415                       | Fig.14 |
| 4    | QPSK | 1747.5                  | 20325   | 15       | 75      | 0         | 13.415                       | Fig.15 |
| 4    | QPSK | 1720                    | 20050   | 20       | 100     | 0         | 17.887                       | Fig.16 |
| 4    | QPSK | 1732.5                  | 20175   | 20       | 100     | 0         | 17.887                       | Fig.17 |
| 4    | QPSK | 1745                    | 20300   | 20       | 100     | 0         | 17.887                       | Fig.18 |

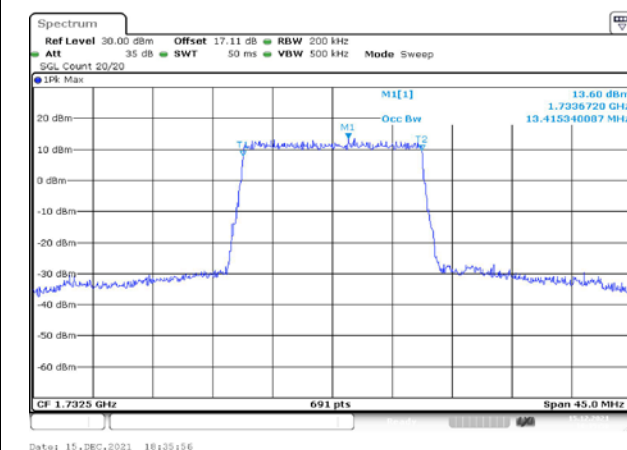
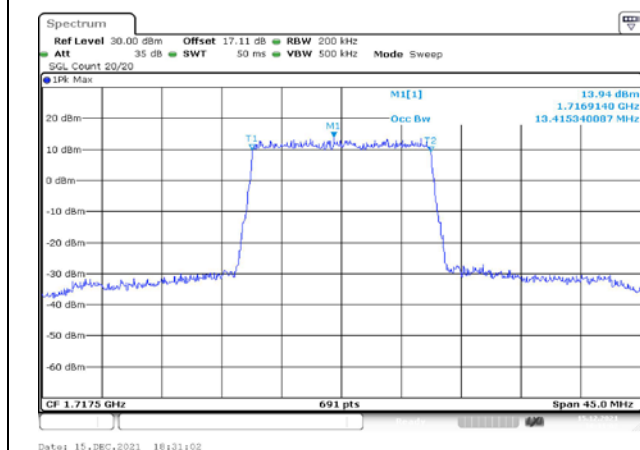
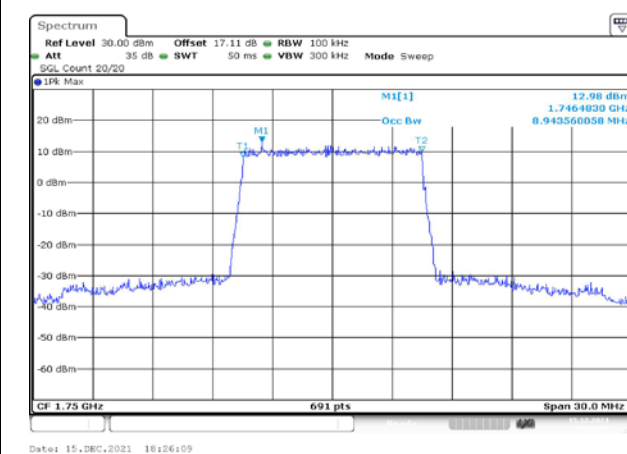
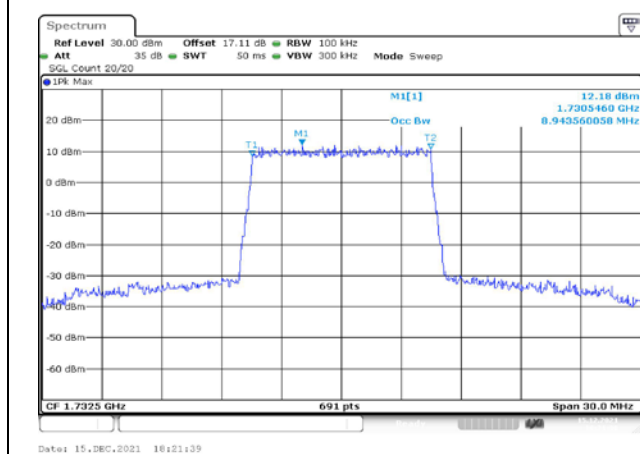
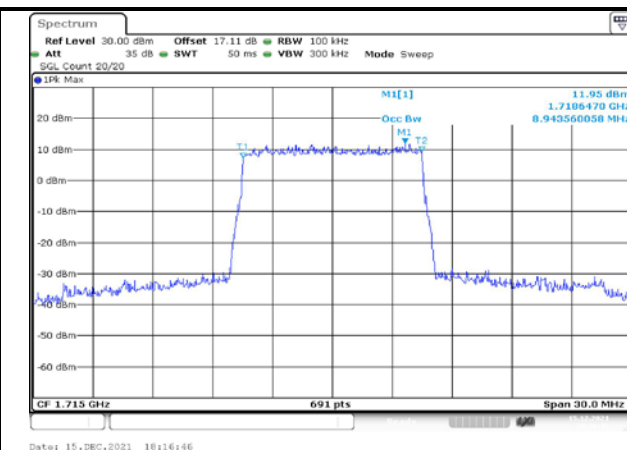
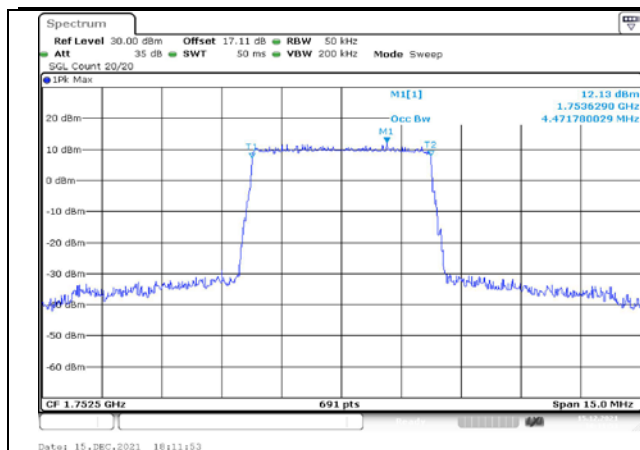
| Band | Mode  | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of 99% Power (MHz) |        |
|------|-------|-------------------------|---------|----------|---------|-----------|------------------------------|--------|
| 4    | 16QAM | 1710.7                  | 19957   | 1.4      | 6       | 0         | 1.088                        | Fig.19 |
| 4    | 16QAM | 1732.5                  | 20175   | 1.4      | 6       | 0         | 1.088                        | Fig.20 |
| 4    | 16QAM | 1754.3                  | 20393   | 1.4      | 6       | 0         | 1.082                        | Fig.21 |
| 4    | 16QAM | 1711.5                  | 19965   | 3        | 15      | 0         | 2.683                        | Fig.22 |
| 4    | 16QAM | 1732.5                  | 20175   | 3        | 15      | 0         | 2.696                        | Fig.23 |
| 4    | 16QAM | 1753.5                  | 20385   | 3        | 15      | 0         | 2.683                        | Fig.24 |
| 4    | 16QAM | 1712.5                  | 19975   | 5        | 25      | 0         | 4.472                        | Fig.25 |
| 4    | 16QAM | 1732.5                  | 20175   | 5        | 25      | 0         | 4.472                        | Fig.26 |
| 4    | 16QAM | 1752.5                  | 20375   | 5        | 25      | 0         | 4.472                        | Fig.27 |
| 4    | 16QAM | 1715                    | 20000   | 10       | 50      | 0         | 8.944                        | Fig.28 |
| 4    | 16QAM | 1732.5                  | 20175   | 10       | 50      | 0         | 8.944                        | Fig.29 |
| 4    | 16QAM | 1750                    | 20350   | 10       | 50      | 0         | 8.944                        | Fig.30 |
| 4    | 16QAM | 1717.5                  | 20025   | 15       | 75      | 0         | 13.415                       | Fig.31 |
| 4    | 16QAM | 1732.5                  | 20175   | 15       | 75      | 0         | 13.415                       | Fig.32 |
| 4    | 16QAM | 1747.5                  | 20325   | 15       | 75      | 0         | 13.415                       | Fig.33 |
| 4    | 16QAM | 1720                    | 20050   | 20       | 100     | 0         | 17.887                       | Fig.34 |
| 4    | 16QAM | 1732.5                  | 20175   | 20       | 100     | 0         | 17.887                       | Fig.35 |
| 4    | 16QAM | 1745                    | 20300   | 20       | 100     | 0         | 17.887                       | Fig.36 |

| Band | Mode  | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of 99% Power (MHz) |        |
|------|-------|-------------------------|---------|----------|---------|-----------|------------------------------|--------|
| 4    | 64QAM | 1710.7                  | 19957   | 1.4      | 6       | 0         | 1.082                        | Fig.37 |
| 4    | 64QAM | 1732.5                  | 20175   | 1.4      | 6       | 0         | 1.082                        | Fig.38 |
| 4    | 64QAM | 1754.3                  | 20393   | 1.4      | 6       | 0         | 1.082                        | Fig.39 |
| 4    | 64QAM | 1711.5                  | 19965   | 3        | 15      | 0         | 2.696                        | Fig.40 |
| 4    | 64QAM | 1732.5                  | 20175   | 3        | 15      | 0         | 2.696                        | Fig.41 |
| 4    | 64QAM | 1753.5                  | 20385   | 3        | 15      | 0         | 2.683                        | Fig.42 |
| 4    | 64QAM | 1712.5                  | 19975   | 5        | 25      | 0         | 4.472                        | Fig.43 |
| 4    | 64QAM | 1732.5                  | 20175   | 5        | 25      | 0         | 4.493                        | Fig.44 |
| 4    | 64QAM | 1752.5                  | 20375   | 5        | 25      | 0         | 4.472                        | Fig.45 |
| 4    | 64QAM | 1715                    | 20000   | 10       | 50      | 0         | 8.944                        | Fig.46 |
| 4    | 64QAM | 1732.5                  | 20175   | 10       | 50      | 0         | 8.944                        | Fig.47 |
| 4    | 64QAM | 1750                    | 20350   | 10       | 50      | 0         | 8.944                        | Fig.48 |
| 4    | 64QAM | 1717.5                  | 20025   | 15       | 75      | 0         | 13.415                       | Fig.49 |
| 4    | 64QAM | 1732.5                  | 20175   | 15       | 75      | 0         | 13.415                       | Fig.50 |
| 4    | 64QAM | 1747.5                  | 20325   | 15       | 75      | 0         | 13.415                       | Fig.51 |
| 4    | 64QAM | 1720                    | 20050   | 20       | 100     | 0         | 17.887                       | Fig.52 |
| 4    | 64QAM | 1732.5                  | 20175   | 20       | 100     | 0         | 17.887                       | Fig.53 |
| 4    | 64QAM | 1745                    | 20300   | 20       | 100     | 0         | 17.887                       | Fig.54 |

Test Mode: QPSK







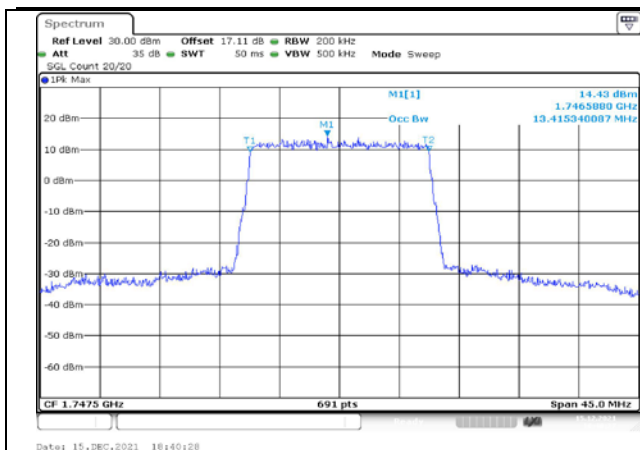


Fig.15

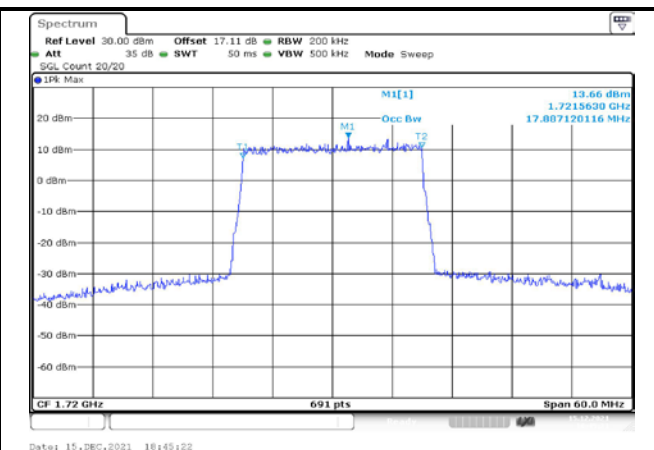


Fig.16

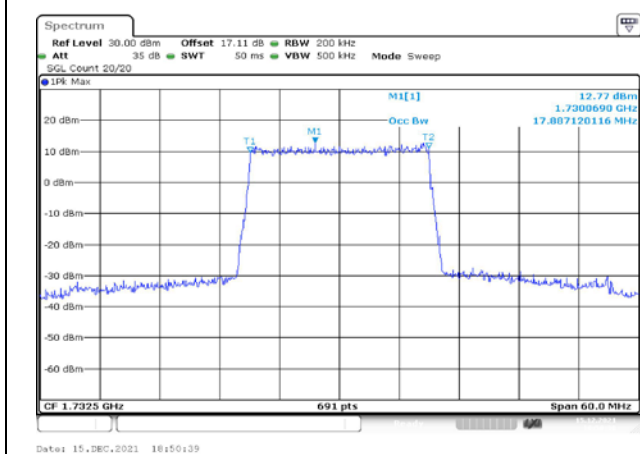


Fig.17

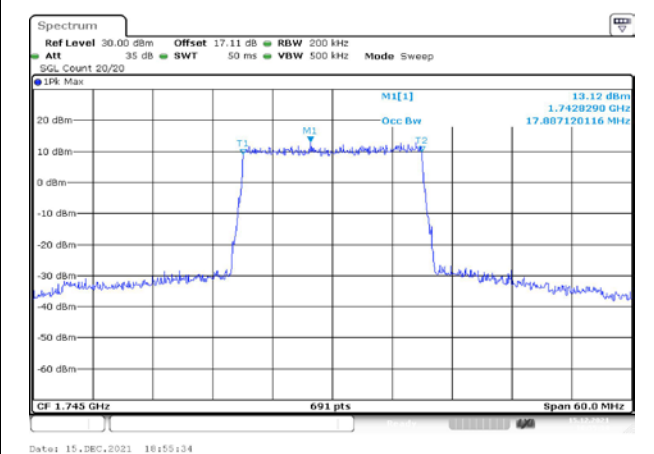


Fig.18

Test Mode: 16QAM

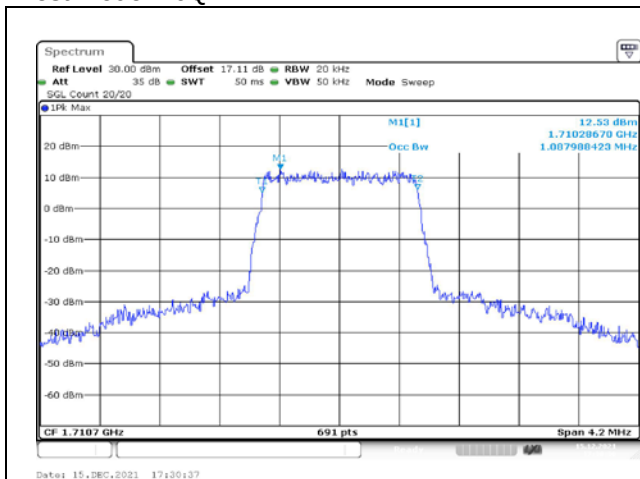


Fig.19

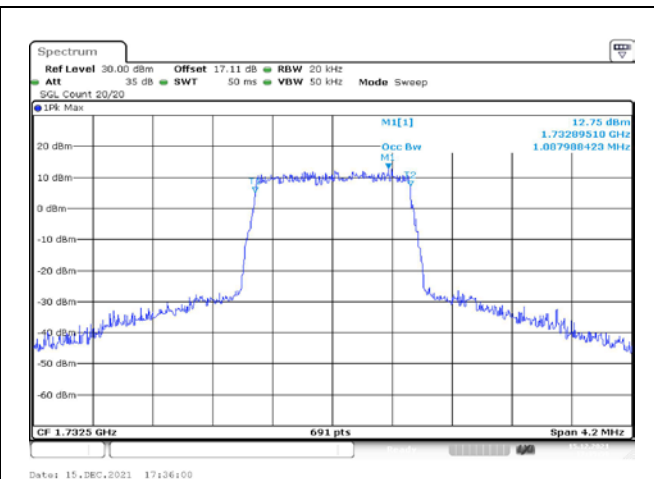


Fig.20

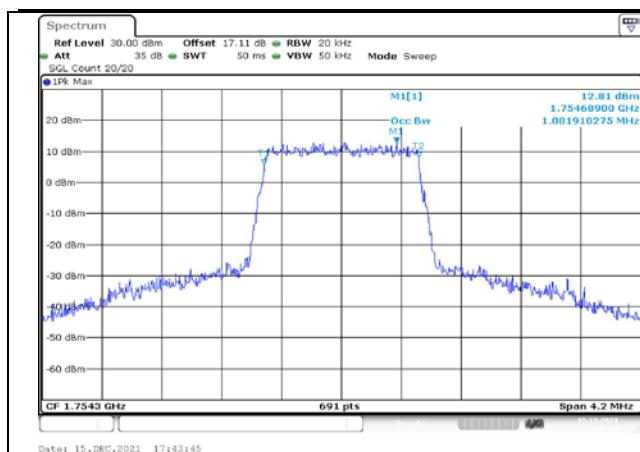


Fig.21

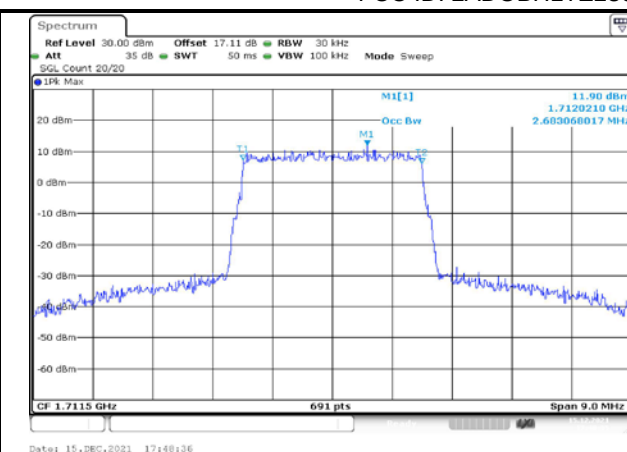


Fig.22

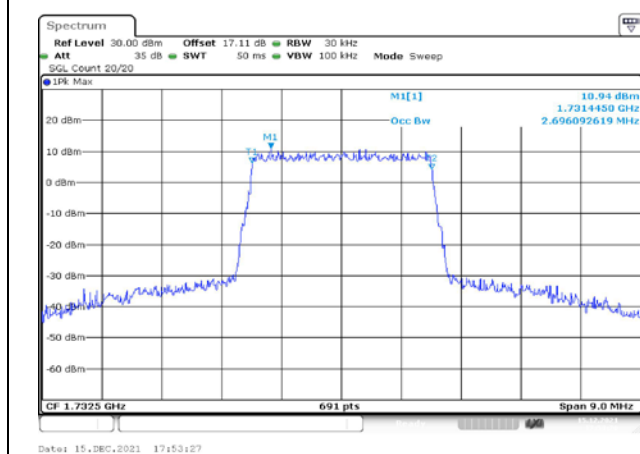


Fig.23

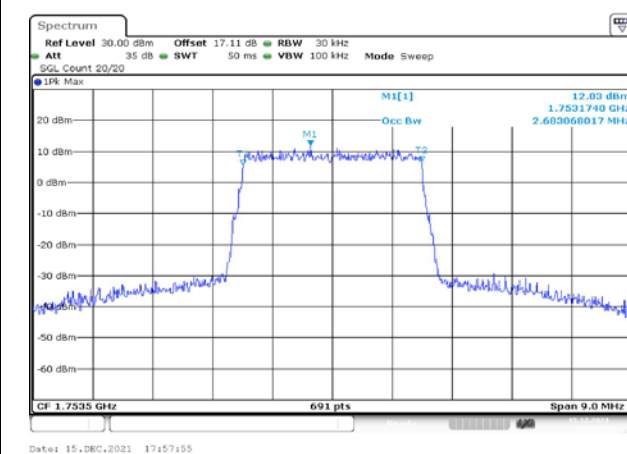


Fig.24

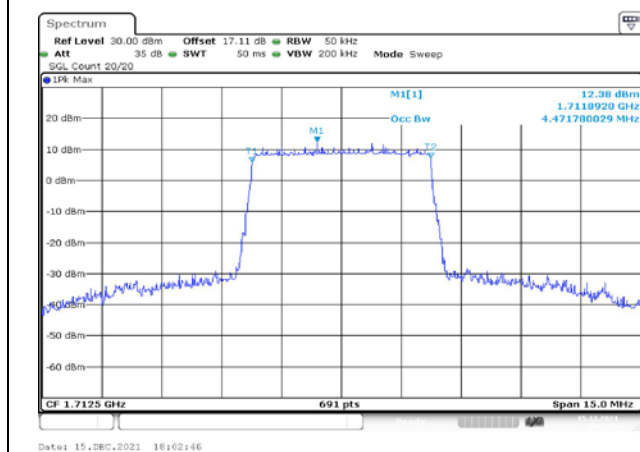


Fig.25

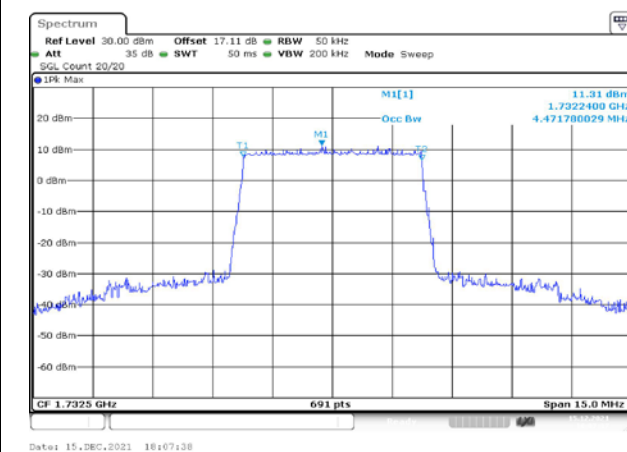
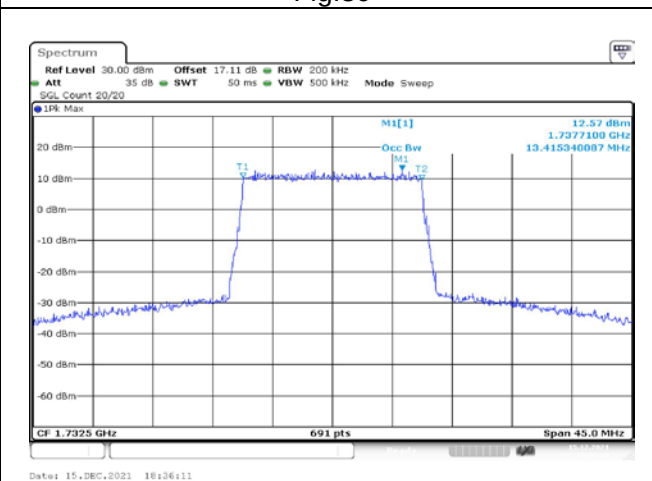
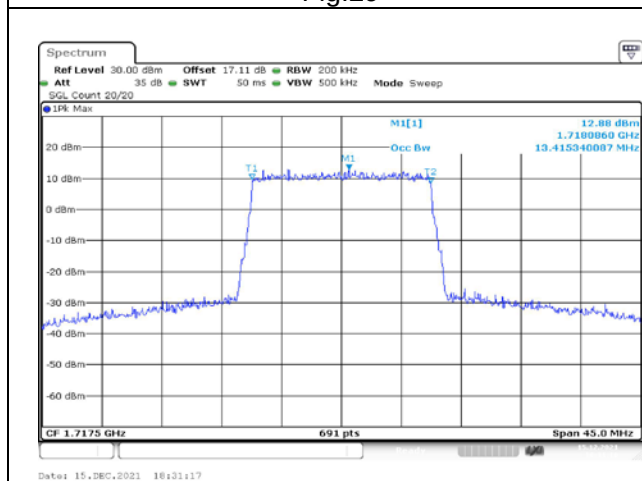
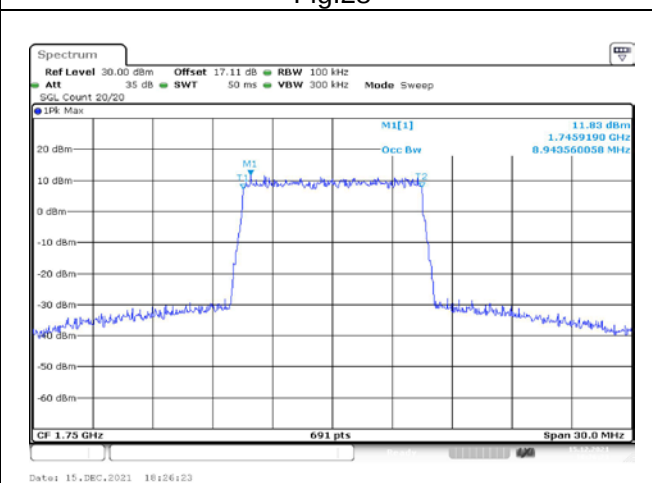
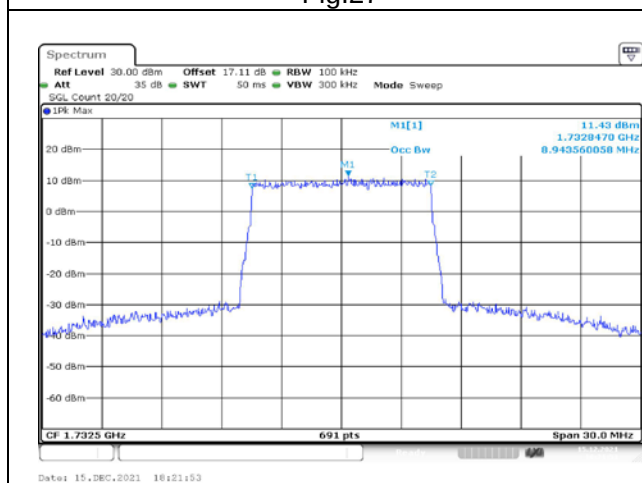
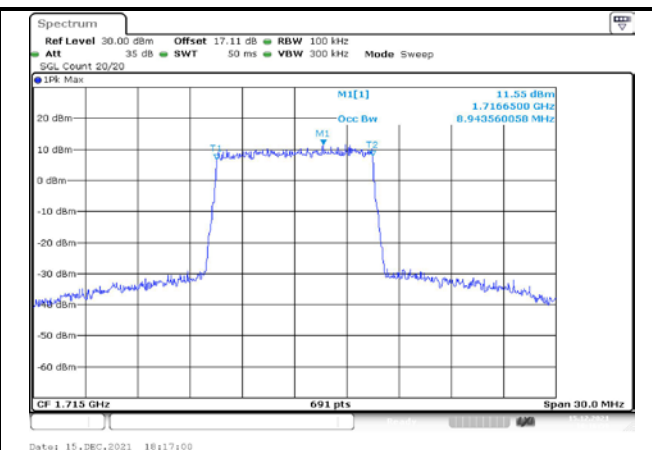
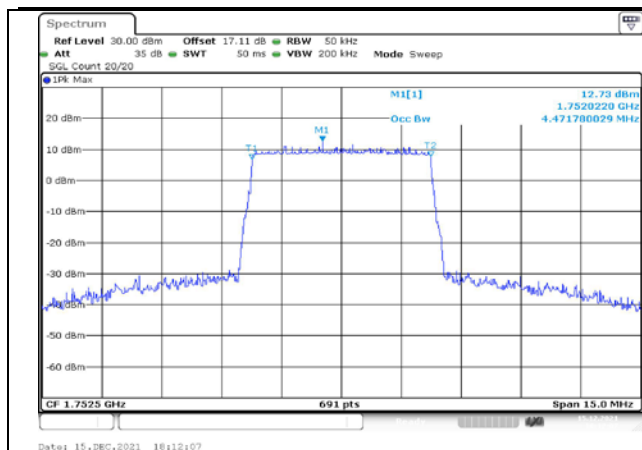


Fig.26



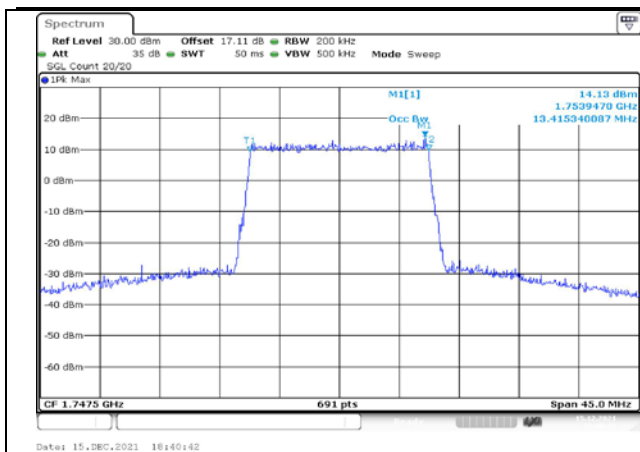


Fig.33

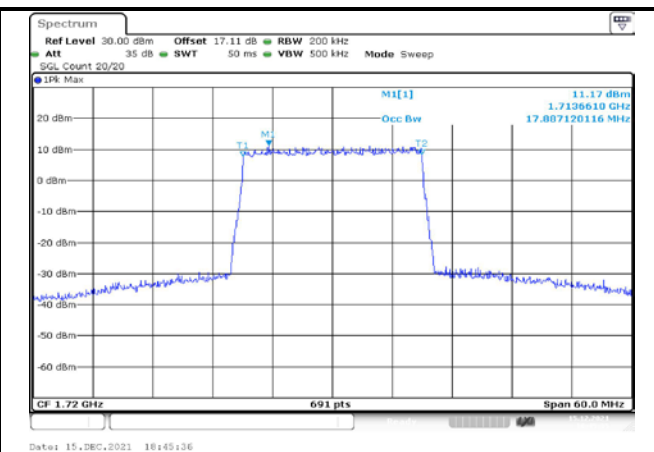


Fig.34

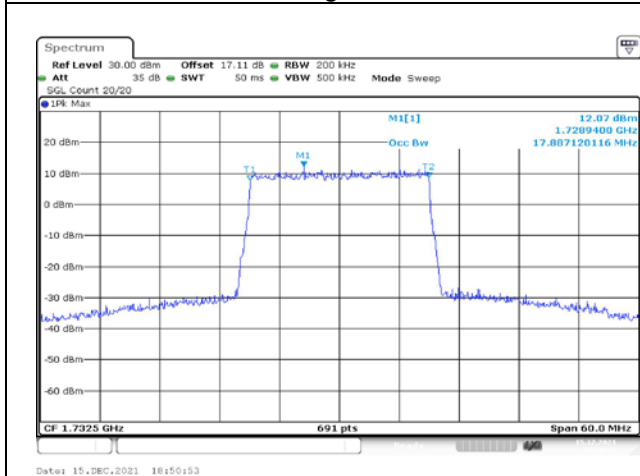


Fig.35

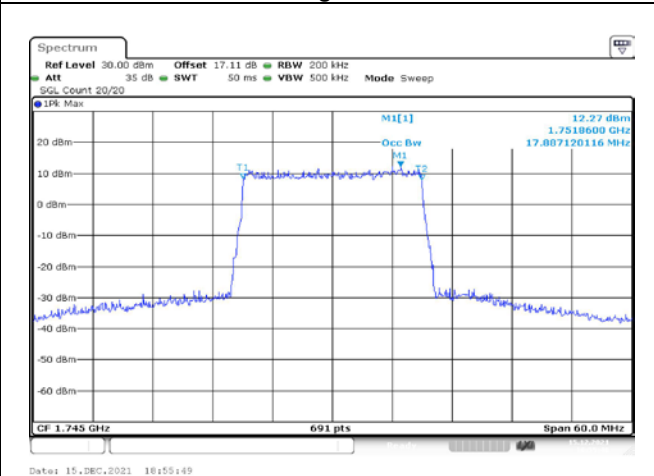


Fig.36

Test Mode: 64QAM

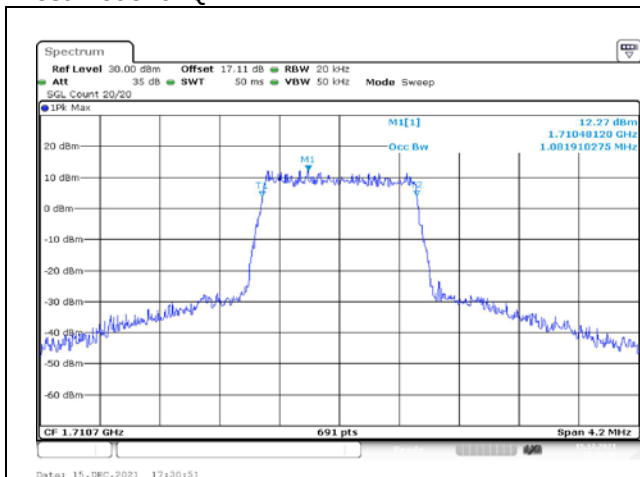


Fig.37

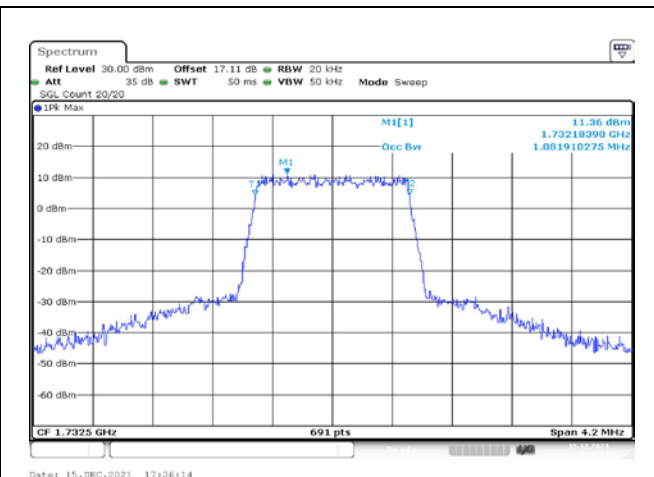
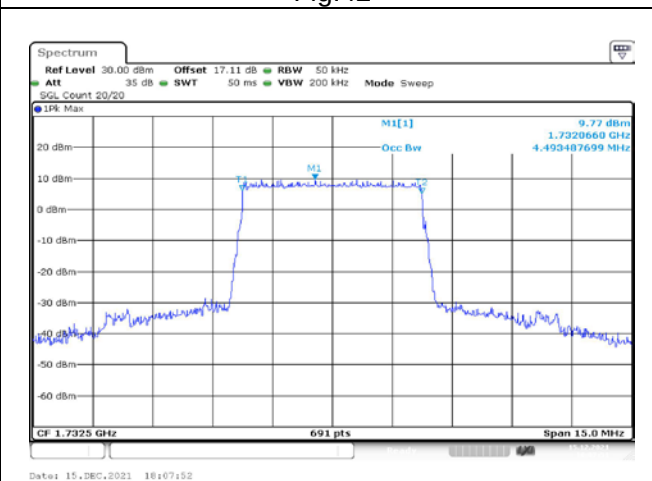
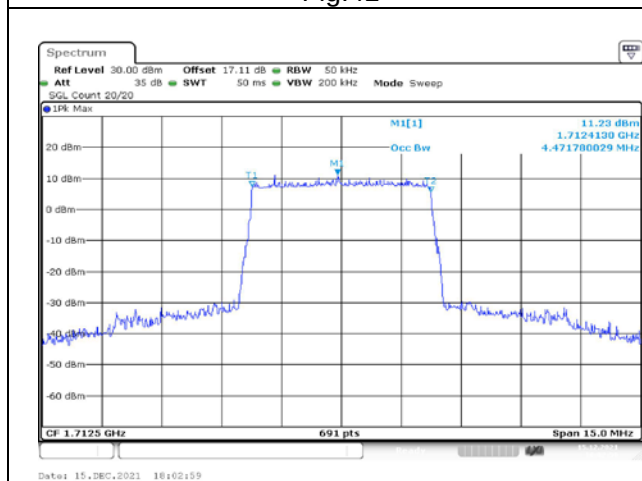
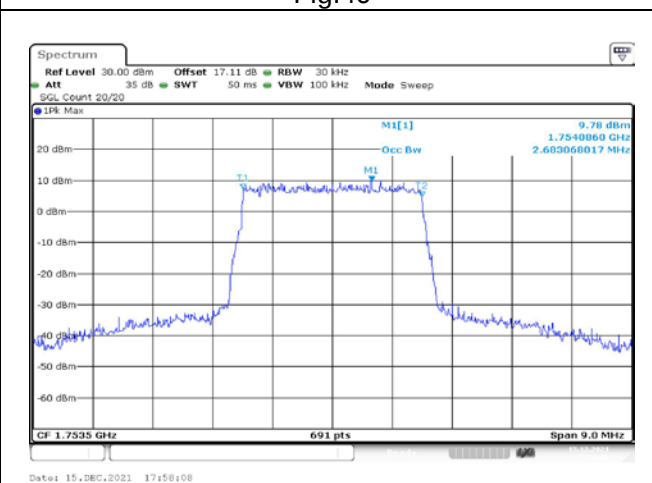
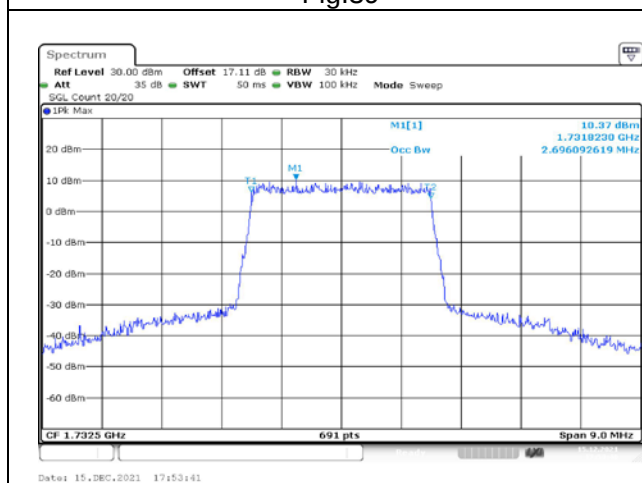
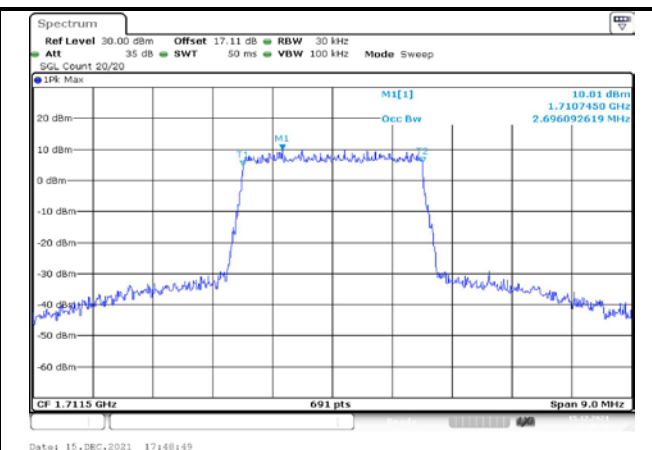
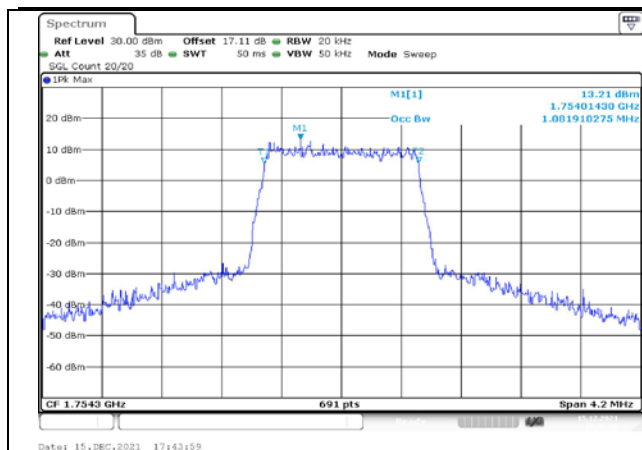
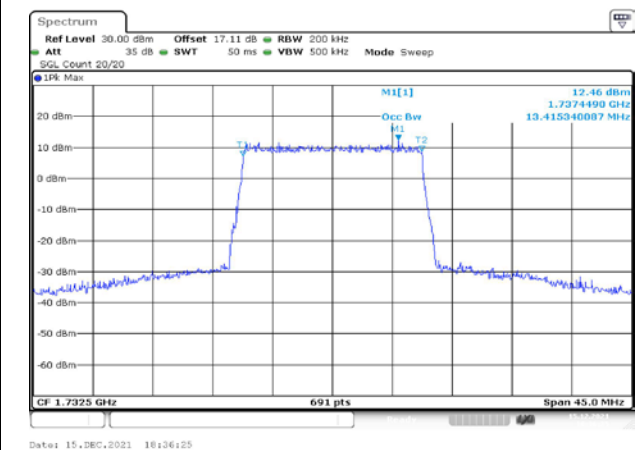
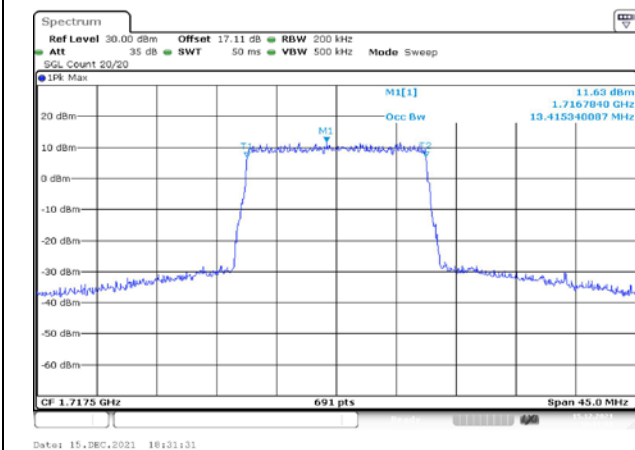
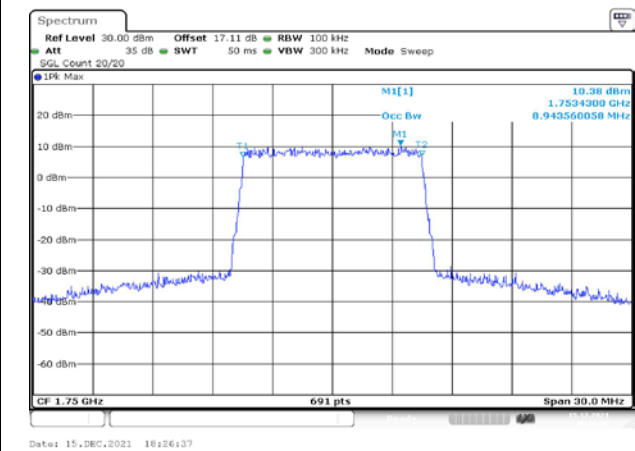
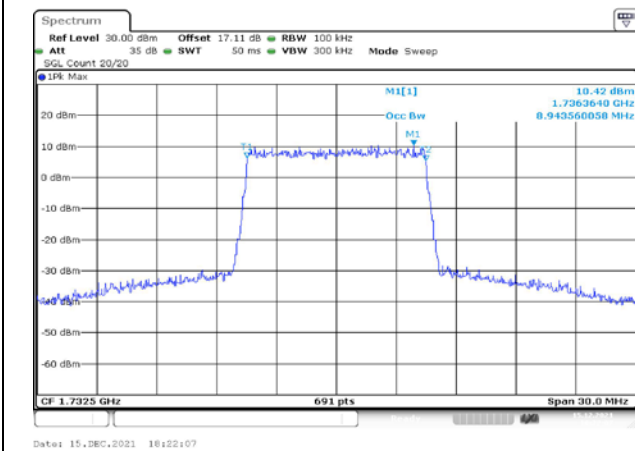
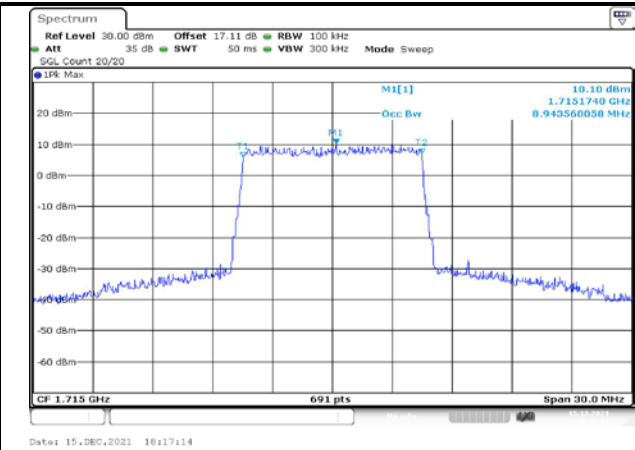
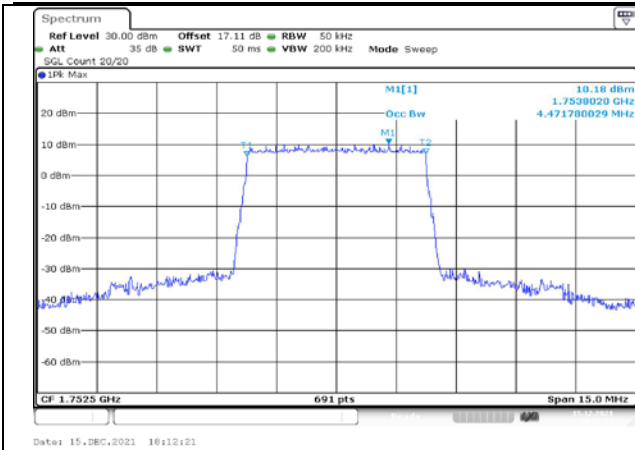


Fig.38





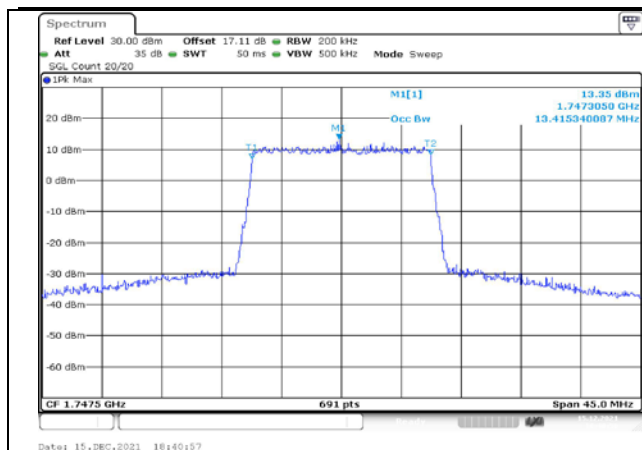


Fig.51

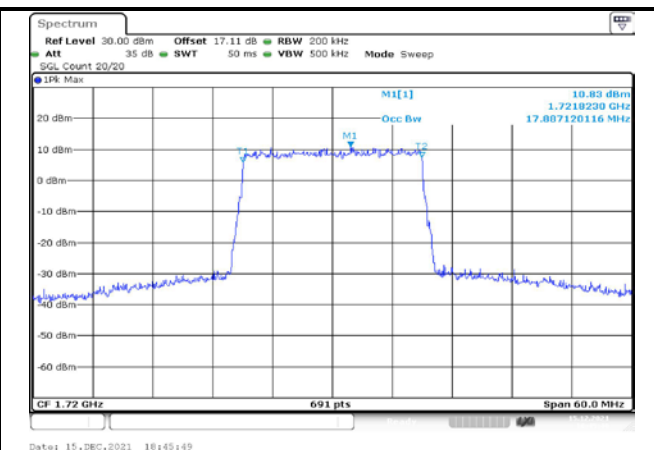


Fig.52

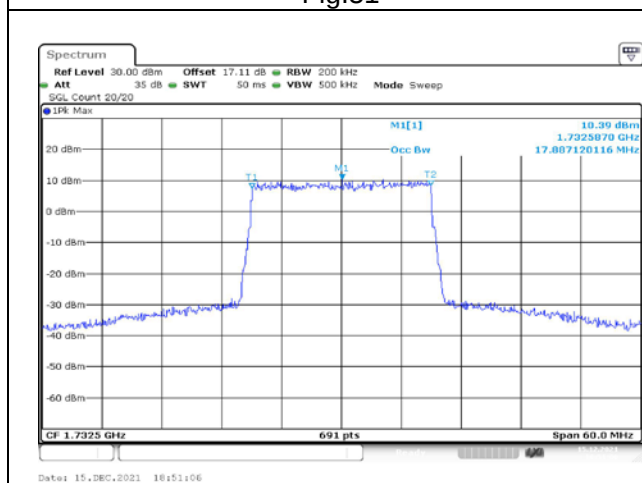


Fig.53

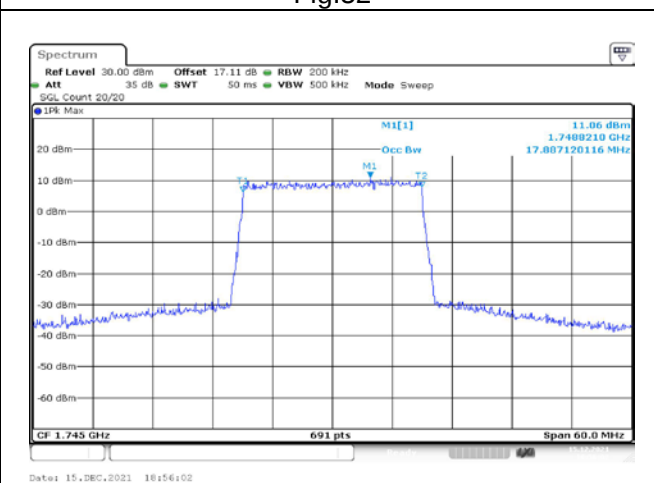


Fig.54

### 3 Emission Bandwidth

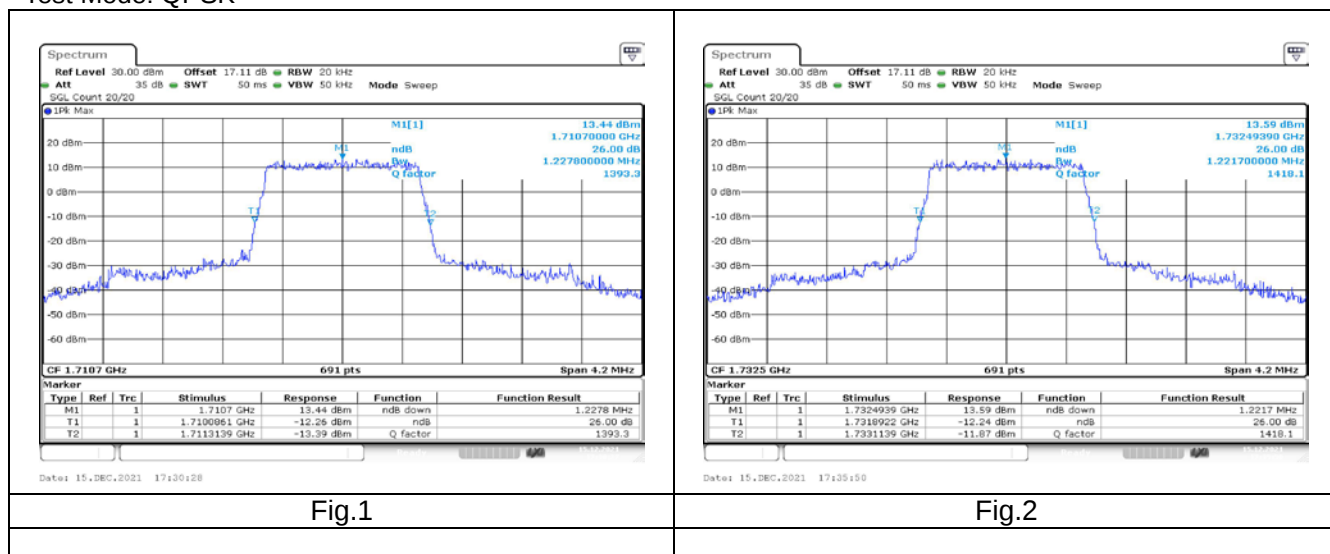
| Band | Mode | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of -26dB transmitter power (MHz) |        |
|------|------|-------------------------|---------|----------|---------|-----------|--------------------------------------------|--------|
| 4    | QPSK | 1710.7                  | 19957   | 1.4      | 6       | 0         | 1.228                                      | Fig.1  |
| 4    | QPSK | 1732.5                  | 20175   | 1.4      | 6       | 0         | 1.222                                      | Fig.2  |
| 4    | QPSK | 1754.3                  | 20393   | 1.4      | 6       | 0         | 1.222                                      | Fig.3  |
| 4    | QPSK | 1711.5                  | 19965   | 3        | 15      | 0         | 2.983                                      | Fig.4  |
| 4    | QPSK | 1732.5                  | 20175   | 3        | 15      | 0         | 2.944                                      | Fig.5  |
| 4    | QPSK | 1753.5                  | 20385   | 3        | 15      | 0         | 2.996                                      | Fig.6  |
| 4    | QPSK | 1712.5                  | 19975   | 5        | 25      | 0         | 4.884                                      | Fig.7  |
| 4    | QPSK | 1732.5                  | 20175   | 5        | 25      | 0         | 4.863                                      | Fig.8  |
| 4    | QPSK | 1752.5                  | 20375   | 5        | 25      | 0         | 4.906                                      | Fig.9  |
| 4    | QPSK | 1715                    | 20000   | 10       | 50      | 0         | 9.638                                      | Fig.10 |
| 4    | QPSK | 1732.5                  | 20175   | 10       | 50      | 0         | 9.682                                      | Fig.11 |
| 4    | QPSK | 1750                    | 20350   | 10       | 50      | 0         | 9.682                                      | Fig.12 |
| 4    | QPSK | 1717.5                  | 20025   | 15       | 75      | 0         | 14.588                                     | Fig.13 |
| 4    | QPSK | 1732.5                  | 20175   | 15       | 75      | 0         | 14.653                                     | Fig.14 |
| 4    | QPSK | 1747.5                  | 20325   | 15       | 75      | 0         | 14.653                                     | Fig.15 |
| 4    | QPSK | 1720                    | 20050   | 20       | 100     | 0         | 19.190                                     | Fig.16 |

|   |      |        |       |    |     |   |        |        |
|---|------|--------|-------|----|-----|---|--------|--------|
| 4 | QPSK | 1732.5 | 20175 | 20 | 100 | 0 | 19.190 | Fig.17 |
| 4 | QPSK | 1745   | 20300 | 20 | 100 | 0 | 19.190 | Fig.18 |

| Band | Mode  | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of -26dB transmitter power (MHz) |        |
|------|-------|-------------------------|---------|----------|---------|-----------|--------------------------------------------|--------|
| 4    | 16QAM | 1710.7                  | 19957   | 1.4      | 6       | 0         | 1.234                                      | Fig.19 |
| 4    | 16QAM | 1732.5                  | 20175   | 1.4      | 6       | 0         | 1.228                                      | Fig.20 |
| 4    | 16QAM | 1754.3                  | 20393   | 1.4      | 6       | 0         | 1.234                                      | Fig.21 |
| 4    | 16QAM | 1711.5                  | 19965   | 3        | 15      | 0         | 2.957                                      | Fig.22 |
| 4    | 16QAM | 1732.5                  | 20175   | 3        | 15      | 0         | 2.983                                      | Fig.23 |
| 4    | 16QAM | 1753.5                  | 20385   | 3        | 15      | 0         | 2.983                                      | Fig.24 |
| 4    | 16QAM | 1712.5                  | 19975   | 5        | 25      | 0         | 4.884                                      | Fig.25 |
| 4    | 16QAM | 1732.5                  | 20175   | 5        | 25      | 0         | 4.863                                      | Fig.26 |
| 4    | 16QAM | 1752.5                  | 20375   | 5        | 25      | 0         | 4.841                                      | Fig.27 |
| 4    | 16QAM | 1715                    | 20000   | 10       | 50      | 0         | 9.725                                      | Fig.28 |
| 4    | 16QAM | 1732.5                  | 20175   | 10       | 50      | 0         | 9.725                                      | Fig.29 |
| 4    | 16QAM | 1750                    | 20350   | 10       | 50      | 0         | 9.682                                      | Fig.30 |
| 4    | 16QAM | 1717.5                  | 20025   | 15       | 75      | 0         | 14.653                                     | Fig.31 |
| 4    | 16QAM | 1732.5                  | 20175   | 15       | 75      | 0         | 14.718                                     | Fig.32 |
| 4    | 16QAM | 1747.5                  | 20325   | 15       | 75      | 0         | 14.588                                     | Fig.33 |
| 4    | 16QAM | 1720                    | 20050   | 20       | 100     | 0         | 19.363                                     | Fig.34 |
| 4    | 16QAM | 1732.5                  | 20175   | 20       | 100     | 0         | 19.363                                     | Fig.35 |
| 4    | 16QAM | 1745                    | 20300   | 20       | 100     | 0         | 19.363                                     | Fig.36 |

| Band | Mode  | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of -26dB transmitter power (MHz) |        |
|------|-------|-------------------------|---------|----------|---------|-----------|--------------------------------------------|--------|
| 4    | 64QAM | 1710.7                  | 19957   | 1.4      | 6       | 0         | 1.228                                      | Fig.37 |
| 4    | 64QAM | 1732.5                  | 20175   | 1.4      | 6       | 0         | 1.222                                      | Fig.38 |
| 4    | 64QAM | 1754.3                  | 20393   | 1.4      | 6       | 0         | 1.234                                      | Fig.39 |
| 4    | 64QAM | 1711.5                  | 19965   | 3        | 15      | 0         | 2.996                                      | Fig.40 |
| 4    | 64QAM | 1732.5                  | 20175   | 3        | 15      | 0         | 2.983                                      | Fig.41 |
| 4    | 64QAM | 1753.5                  | 20385   | 3        | 15      | 0         | 2.970                                      | Fig.42 |
| 4    | 64QAM | 1712.5                  | 19975   | 5        | 25      | 0         | 4.884                                      | Fig.43 |
| 4    | 64QAM | 1732.5                  | 20175   | 5        | 25      | 0         | 4.884                                      | Fig.44 |
| 4    | 64QAM | 1752.5                  | 20375   | 5        | 25      | 0         | 4.884                                      | Fig.45 |
| 4    | 64QAM | 1715                    | 20000   | 10       | 50      | 0         | 9.725                                      | Fig.46 |
| 4    | 64QAM | 1732.5                  | 20175   | 10       | 50      | 0         | 9.725                                      | Fig.47 |
| 4    | 64QAM | 1750                    | 20350   | 10       | 50      | 0         | 9.768                                      | Fig.48 |
| 4    | 64QAM | 1717.5                  | 20025   | 15       | 75      | 0         | 14.718                                     | Fig.49 |
| 4    | 64QAM | 1732.5                  | 20175   | 15       | 75      | 0         | 14.653                                     | Fig.50 |
| 4    | 64QAM | 1747.5                  | 20325   | 15       | 75      | 0         | 14.718                                     | Fig.51 |
| 4    | 64QAM | 1720                    | 20050   | 20       | 100     | 0         | 19.363                                     | Fig.52 |
| 4    | 64QAM | 1732.5                  | 20175   | 20       | 100     | 0         | 19.450                                     | Fig.53 |
| 4    | 64QAM | 1745                    | 20300   | 20       | 100     | 0         | 19.363                                     | Fig.54 |

Test Mode: QPSK



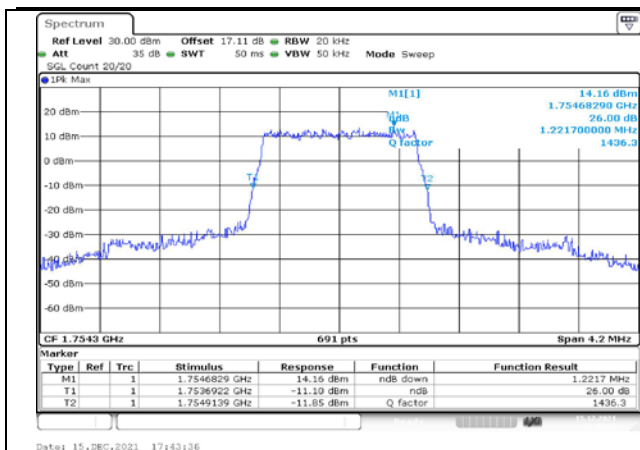


Fig.3

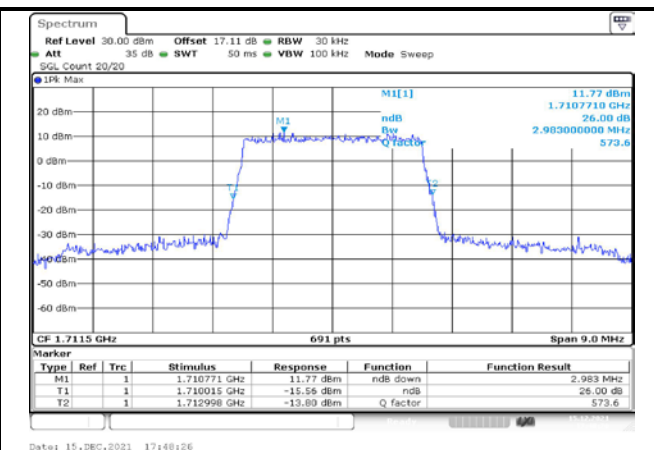


Fig.4

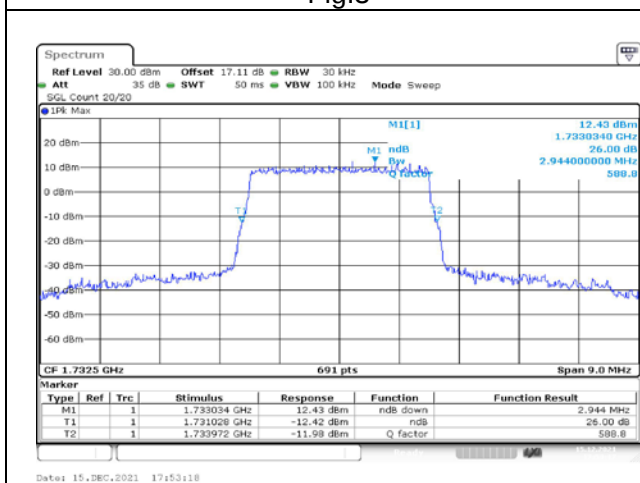


Fig.5

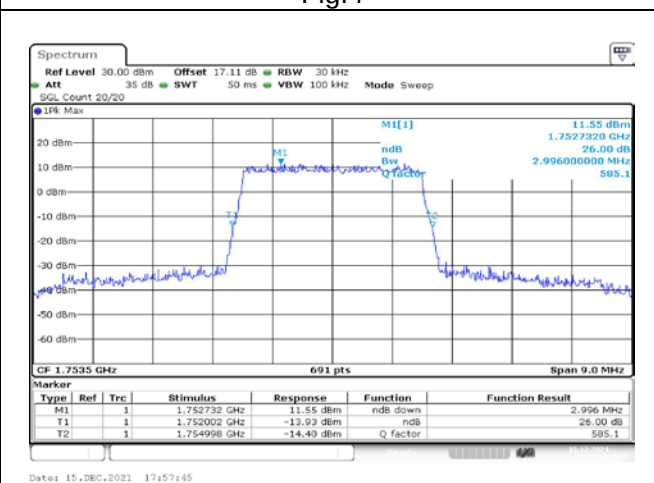


Fig.6

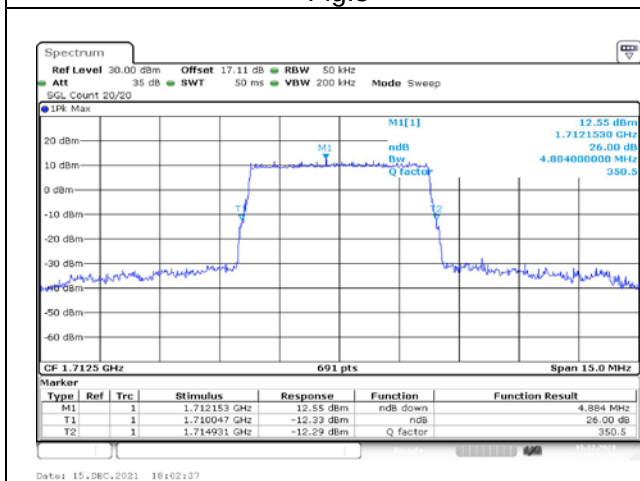


Fig.7

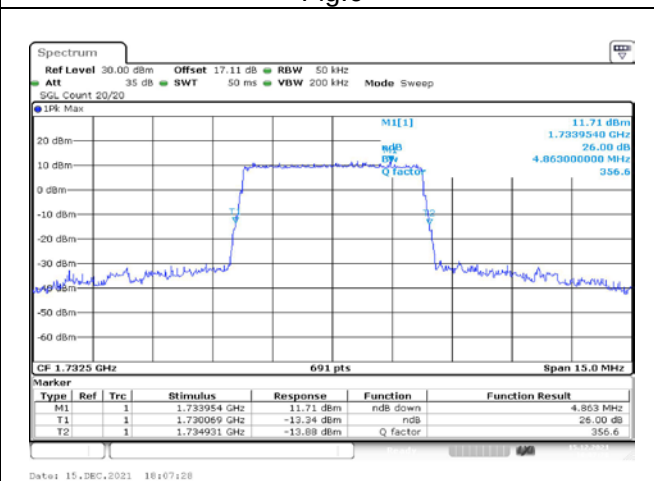


Fig.8

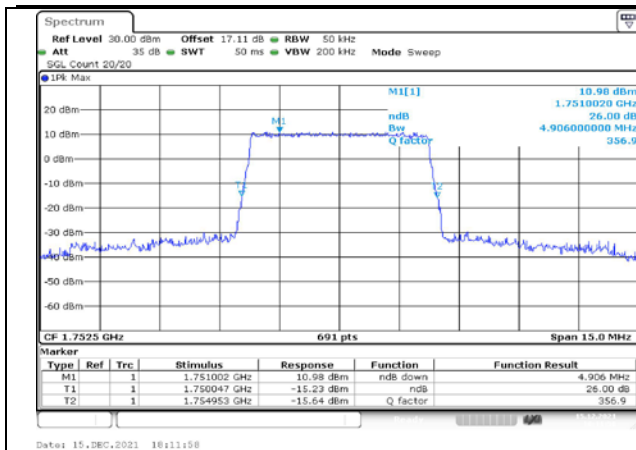


Fig.9

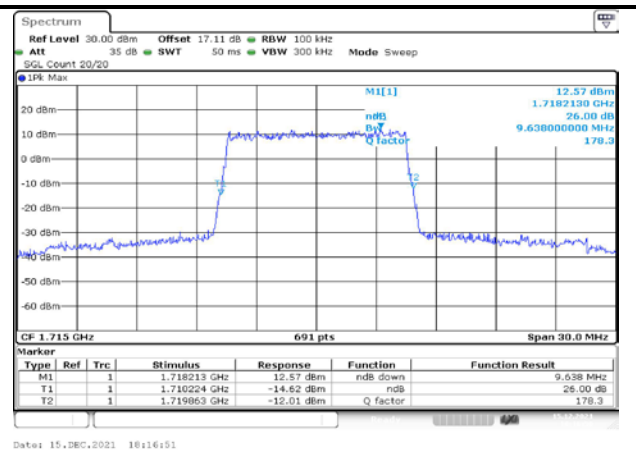


Fig.10

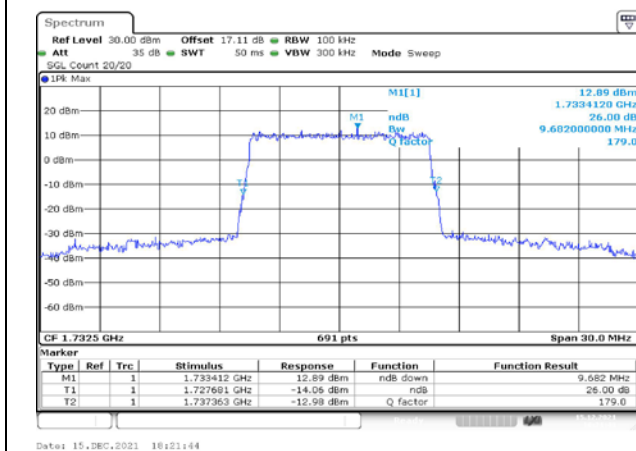


Fig.11

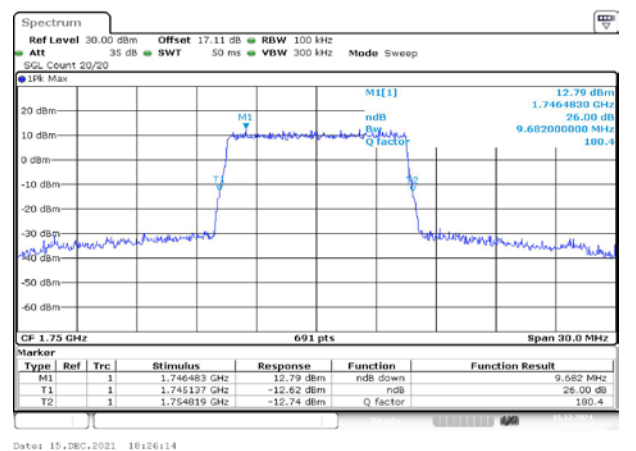


Fig.12

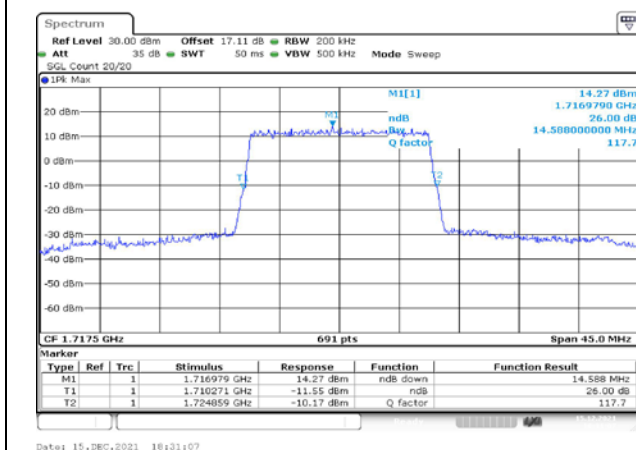


Fig.13

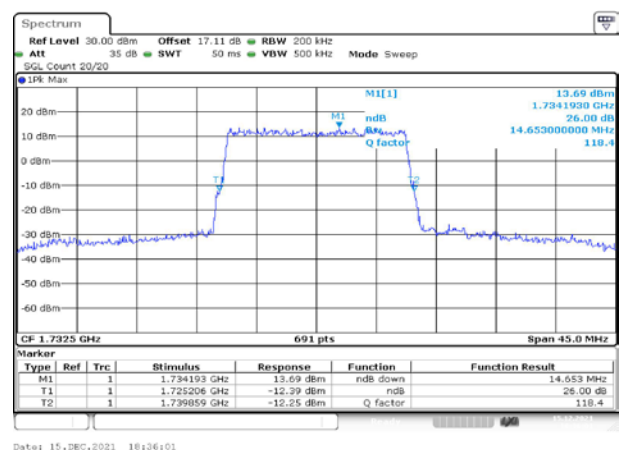


Fig.14

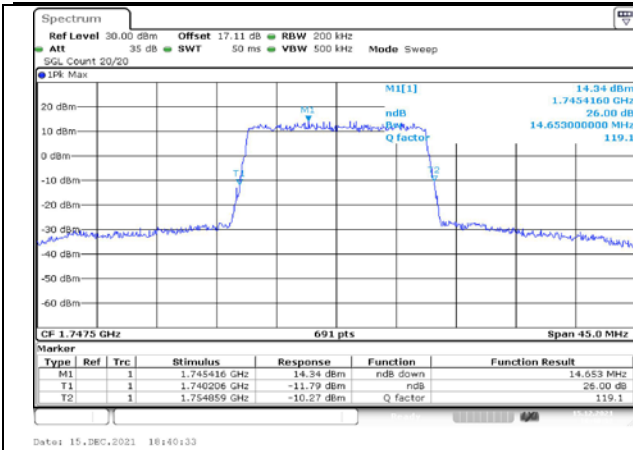


Fig.15

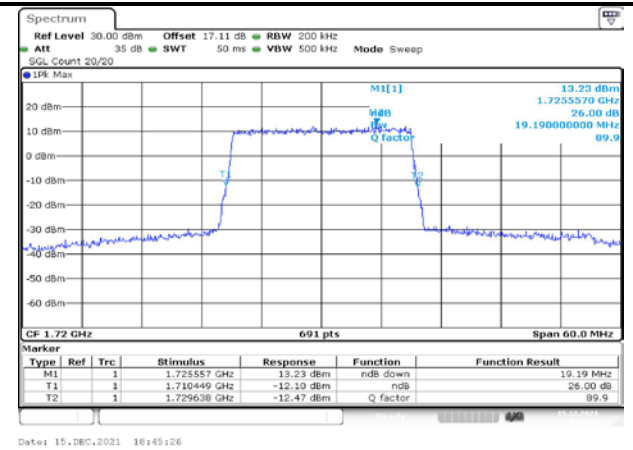


Fig.16

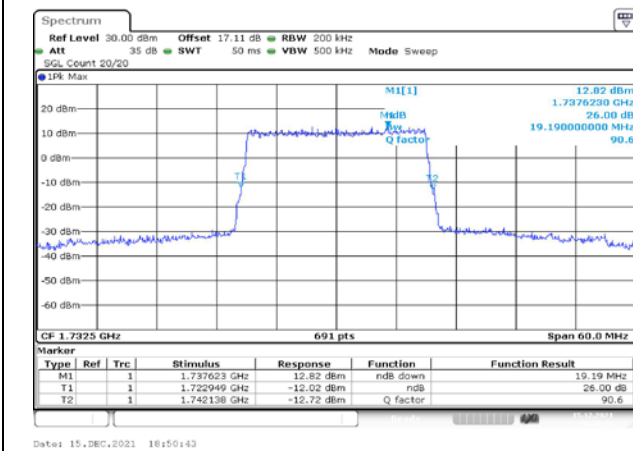


Fig.17

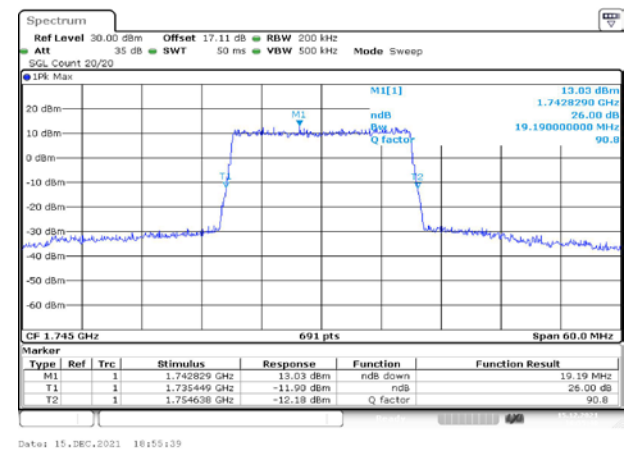


Fig.18

Test Mode: 16QAM

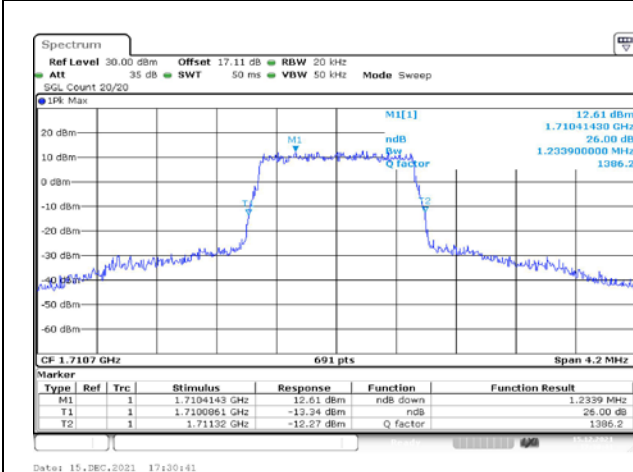


Fig.19

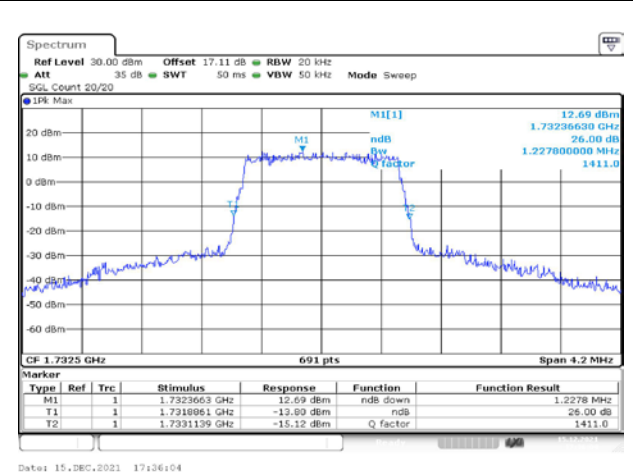


Fig.20

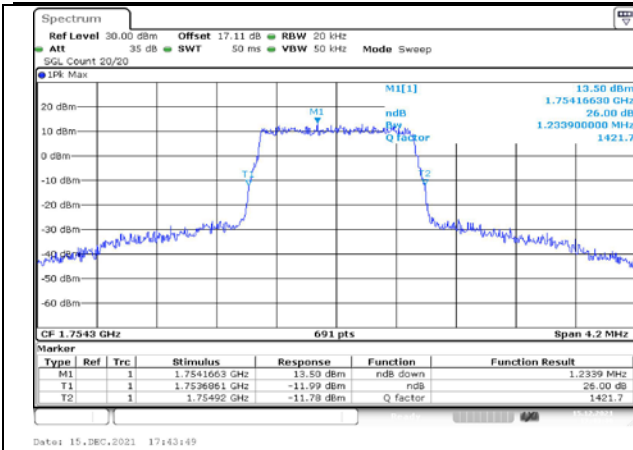


Fig.21

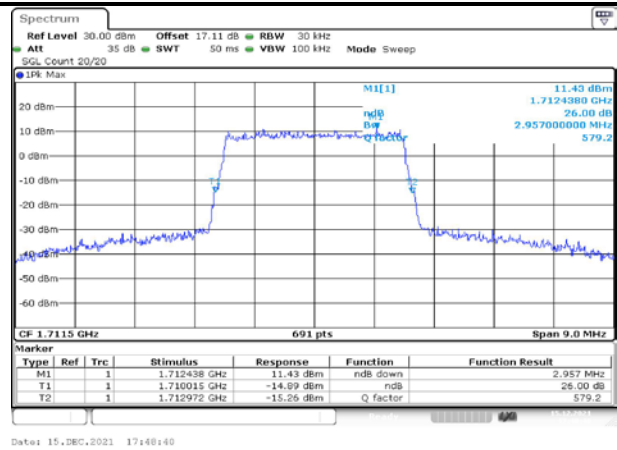


Fig.22

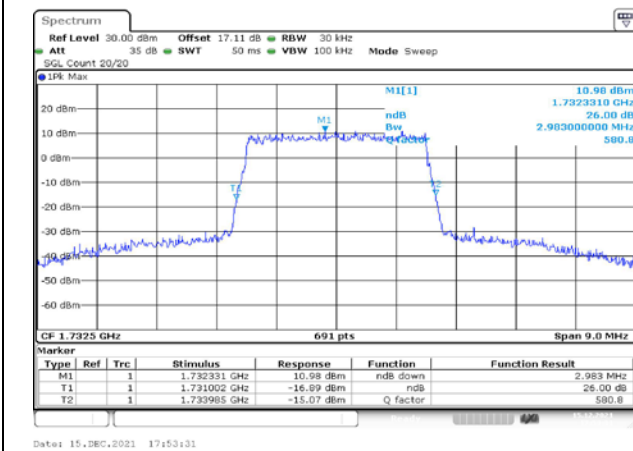


Fig.23

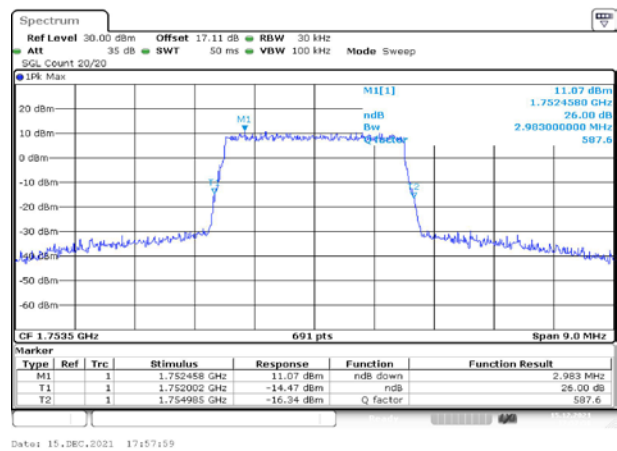


Fig.24

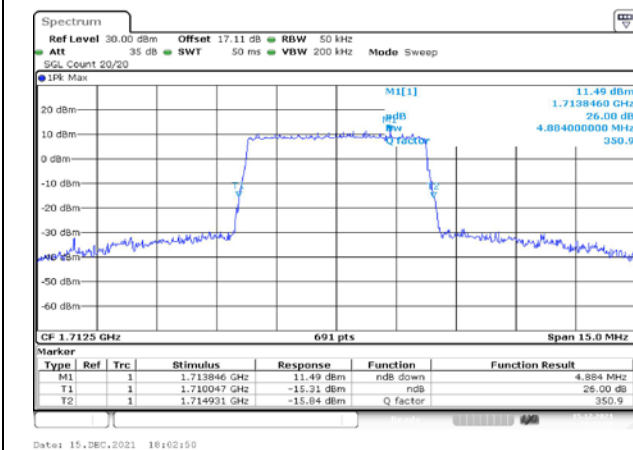


Fig.25

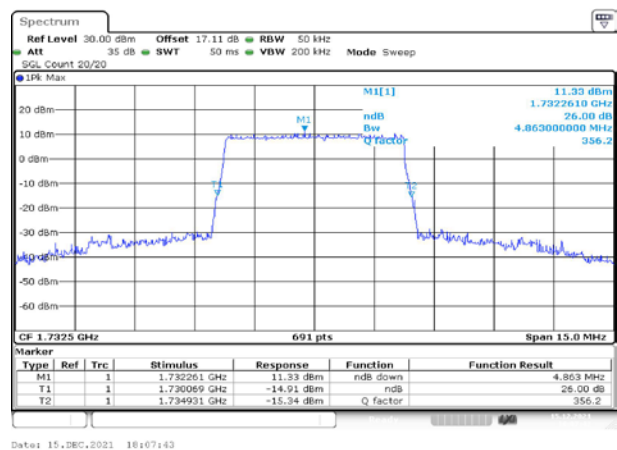


Fig.26