

## APPENDIX A – TEST DATA OF CONDUCTED EMISSION

### LTE Band 4

#### 1 RF Power Output

| Rx Power Output |                         |            |     |         |           |                       |
|-----------------|-------------------------|------------|-----|---------|-----------|-----------------------|
| Modulation      | Carrier frequency (MHz) | UL Channel | BW  | RB Size | RB Offset | Conducted power (dBm) |
| 16QAM           | 1710.7                  | 19957      | 1.4 | 1       | 0         | 23.44                 |
|                 |                         |            |     | 1       | 3         | 23.34                 |
|                 |                         |            |     | 1       | 5         | 23.41                 |
|                 |                         |            |     | 3       | 0         | 23.49                 |
|                 |                         |            |     | 3       | 1         | 23.43                 |
|                 |                         |            |     | 3       | 3         | 23.41                 |
|                 |                         |            |     | 6       | 0         | 22.44                 |
|                 | 1732.5                  | 20175      |     | 1       | 0         | 23.79                 |
|                 |                         |            |     | 1       | 3         | 23.78                 |
|                 |                         |            |     | 1       | 5         | 23.83                 |
|                 |                         |            |     | 3       | 0         | 23.26                 |
|                 |                         |            |     | 3       | 1         | 23.32                 |
|                 |                         |            |     | 3       | 3         | 23.26                 |
|                 |                         |            |     | 6       | 0         | 22.51                 |
|                 | 1754.3                  | 20393      |     | 1       | 0         | 23.29                 |
|                 |                         |            |     | 1       | 3         | 23.35                 |
|                 |                         |            |     | 1       | 5         | 23.27                 |
|                 |                         |            |     | 3       | 0         | 23.20                 |
|                 |                         |            |     | 3       | 1         | 23.26                 |
|                 |                         |            |     | 3       | 3         | 23.17                 |
|                 |                         |            |     | 6       | 0         | 22.33                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW  | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|-----|---------|-----------|-----------------------|
| QPSK       | 1710.7                  | 19957      | 1.4 | 1       | 0         | 23.60                 |
|            |                         |            |     | 1       | 3         | 23.61                 |
|            |                         |            |     | 1       | 5         | 23.47                 |
|            |                         |            |     | 3       | 0         | 23.76                 |
|            |                         |            |     | 3       | 1         | 23.63                 |
|            |                         |            |     | 3       | 3         | 23.72                 |
|            |                         |            |     | 6       | 0         | 23.21                 |
|            | 1732.5                  | 20175      |     | 1       | 0         | 23.71                 |
|            |                         |            |     | 1       | 3         | 23.73                 |
|            |                         |            |     | 1       | 5         | 23.73                 |
|            |                         |            |     | 3       | 0         | 23.76                 |
|            |                         |            |     | 3       | 1         | 23.71                 |
|            |                         |            |     | 3       | 3         | 23.74                 |
|            |                         |            |     | 6       | 0         | 23.13                 |
|            | 1754.3                  | 20393      |     | 1       | 0         | 24.14                 |
|            |                         |            |     | 1       | 3         | 24.17                 |
|            |                         |            |     | 1       | 5         | 24.15                 |
|            |                         |            |     | 3       | 0         | 23.84                 |
|            |                         |            |     | 3       | 1         | 23.86                 |
|            |                         |            |     | 3       | 3         | 23.79                 |
|            |                         |            |     | 6       | 0         | 23.26                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM      | 1711.5                  | 19965      | 3  | 1       | 0         | 23.39                 |
|            |                         |            |    | 1       | 8         | 23.37                 |
|            |                         |            |    | 1       | 14        | 23.36                 |
|            |                         |            |    | 8       | 0         | 22.34                 |
|            |                         |            |    | 8       | 4         | 22.33                 |
|            |                         |            |    | 8       | 7         | 22.30                 |
|            |                         |            |    | 15      | 0         | 22.26                 |
|            | 1732.5                  | 20175      |    | 1       | 0         | 23.80                 |
|            |                         |            |    | 1       | 8         | 23.73                 |
|            |                         |            |    | 1       | 14        | 23.75                 |
|            |                         |            |    | 8       | 0         | 22.27                 |
|            |                         |            |    | 8       | 4         | 22.21                 |
|            |                         |            |    | 8       | 7         | 22.29                 |
|            |                         |            |    | 15      | 0         | 22.36                 |
|            | 1753.5                  | 20385      |    | 1       | 0         | 23.30                 |
|            |                         |            |    | 1       | 8         | 23.33                 |
|            |                         |            |    | 1       | 14        | 23.36                 |
|            |                         |            |    | 8       | 0         | 22.18                 |
|            |                         |            |    | 8       | 4         | 22.19                 |
|            |                         |            |    | 8       | 7         | 22.23                 |
|            |                         |            |    | 15      | 0         | 22.44                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 1711.5                  | 19965      | 3  | 1       | 0         | 23.65                 |
|            |                         |            |    | 1       | 8         | 23.62                 |
|            |                         |            |    | 1       | 14        | 23.72                 |
|            |                         |            |    | 8       | 0         | 23.16                 |
|            |                         |            |    | 8       | 4         | 23.24                 |
|            |                         |            |    | 8       | 7         | 23.16                 |
|            |                         |            |    | 15      | 0         | 23.19                 |
|            | 1732.5                  | 20175      |    | 1       | 0         | 23.68                 |
|            |                         |            |    | 1       | 8         | 23.62                 |
|            |                         |            |    | 1       | 14        | 23.70                 |
|            |                         |            |    | 8       | 0         | 23.21                 |
|            |                         |            |    | 8       | 4         | 23.07                 |
|            |                         |            |    | 8       | 7         | 23.13                 |
|            |                         |            |    | 15      | 0         | 23.12                 |
|            | 1753.5                  | 20385      |    | 1       | 0         | 24.13                 |
|            |                         |            |    | 1       | 8         | 24.06                 |
|            |                         |            |    | 1       | 14        | 24.18                 |
|            |                         |            |    | 8       | 0         | 23.27                 |
|            |                         |            |    | 8       | 4         | 23.27                 |
|            |                         |            |    | 8       | 7         | 23.33                 |
|            |                         |            |    | 15      | 0         | 23.38                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM      | 1712.5                  | 19975      | 5  | 1       | 0         | 22.85                 |
|            |                         |            |    | 1       | 12        | 22.85                 |
|            |                         |            |    | 1       | 24        | 22.68                 |
|            |                         |            |    | 12      | 0         | 22.20                 |
|            |                         |            |    | 12      | 7         | 22.12                 |
|            |                         |            |    | 12      | 13        | 22.17                 |
|            |                         |            |    | 25      | 0         | 22.32                 |
|            | 1732.5                  | 20175      |    | 1       | 0         | 23.35                 |
|            |                         |            |    | 1       | 12        | 23.23                 |
|            |                         |            |    | 1       | 24        | 23.24                 |
|            |                         |            |    | 12      | 0         | 22.04                 |
|            |                         |            |    | 12      | 7         | 21.99                 |
|            |                         |            |    | 12      | 13        | 22.02                 |
|            |                         |            |    | 25      | 0         | 22.18                 |
|            | 1752.5                  | 20375      |    | 1       | 0         | 23.48                 |
|            |                         |            |    | 1       | 12        | 23.55                 |
|            |                         |            |    | 1       | 24        | 23.58                 |
|            |                         |            |    | 12      | 0         | 22.18                 |
|            |                         |            |    | 12      | 7         | 22.30                 |
|            |                         |            |    | 12      | 13        | 22.23                 |
|            |                         |            |    | 25      | 0         | 22.46                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 1712.5                  | 19975      | 5  | 1       | 0         | 23.83                 |
|            |                         |            |    | 1       | 12        | 23.69                 |
|            |                         |            |    | 1       | 24        | 23.71                 |
|            |                         |            |    | 12      | 0         | 23.19                 |
|            |                         |            |    | 12      | 7         | 23.11                 |
|            |                         |            |    | 12      | 13        | 23.17                 |
|            |                         |            |    | 25      | 0         | 23.19                 |
|            | 1732.5                  | 20175      |    | 1       | 0         | 23.54                 |
|            |                         |            |    | 1       | 12        | 23.40                 |
|            |                         |            |    | 1       | 24        | 23.58                 |
|            |                         |            |    | 12      | 0         | 23.21                 |
|            |                         |            |    | 12      | 7         | 23.24                 |
|            |                         |            |    | 12      | 13        | 23.08                 |
|            |                         |            |    | 25      | 0         | 23.08                 |
|            | 1752.5                  | 20375      |    | 1       | 0         | 23.87                 |
|            |                         |            |    | 1       | 12        | 23.93                 |
|            |                         |            |    | 1       | 24        | 23.93                 |
|            |                         |            |    | 12      | 0         | 23.24                 |
|            |                         |            |    | 12      | 7         | 23.33                 |
|            |                         |            |    | 12      | 13        | 23.34                 |
|            |                         |            |    | 25      | 0         | 23.42                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM      | 1715                    | 20000      | 10 | 1       | 0         | 24.12                 |
|            |                         |            |    | 1       | 25        | 24.09                 |
|            |                         |            |    | 1       | 49        | 24.10                 |
|            |                         |            |    | 25      | 0         | 22.35                 |
|            |                         |            |    | 25      | 12        | 22.36                 |
|            |                         |            |    | 25      | 25        | 22.29                 |
|            |                         |            |    | 50      | 0         | 22.25                 |
|            | 1732.5                  | 20175      |    | 1       | 0         | 23.60                 |
|            |                         |            |    | 1       | 25        | 23.67                 |
|            |                         |            |    | 1       | 49        | 23.66                 |
|            |                         |            |    | 25      | 0         | 22.30                 |
|            |                         |            |    | 25      | 12        | 22.27                 |
|            |                         |            |    | 25      | 25        | 22.28                 |
|            |                         |            |    | 50      | 0         | 22.33                 |
|            | 1750                    | 20350      |    | 1       | 0         | 23.58                 |
|            |                         |            |    | 1       | 25        | 23.58                 |
|            |                         |            |    | 1       | 49        | 23.62                 |
|            |                         |            |    | 25      | 0         | 22.44                 |
|            |                         |            |    | 25      | 12        | 22.42                 |
|            |                         |            |    | 25      | 25        | 22.44                 |
|            |                         |            |    | 50      | 0         | 22.43                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 1715                    | 20000      | 10 | 1       | 0         | 23.87                 |
|            |                         |            |    | 1       | 25        | 23.78                 |
|            |                         |            |    | 1       | 49        | 23.78                 |
|            |                         |            |    | 25      | 0         | 23.29                 |
|            |                         |            |    | 25      | 12        | 23.12                 |
|            |                         |            |    | 25      | 25        | 23.26                 |
|            |                         |            |    | 50      | 0         | 23.11                 |
|            | 1732.5                  | 20175      |    | 1       | 0         | 23.79                 |
|            |                         |            |    | 1       | 25        | 23.78                 |
|            |                         |            |    | 1       | 49        | 23.79                 |
|            |                         |            |    | 25      | 0         | 23.19                 |
|            |                         |            |    | 25      | 12        | 23.22                 |
|            |                         |            |    | 25      | 25        | 23.14                 |
|            |                         |            |    | 50      | 0         | 23.08                 |
|            | 1750                    | 20350      |    | 1       | 0         | 23.78                 |
|            |                         |            |    | 1       | 25        | 23.79                 |
|            |                         |            |    | 1       | 49        | 23.81                 |
|            |                         |            |    | 25      | 0         | 23.23                 |
|            |                         |            |    | 25      | 12        | 23.29                 |
|            |                         |            |    | 25      | 25        | 23.32                 |
|            |                         |            |    | 50      | 0         | 23.27                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM      | 1732.5                  | 20175      | 15 | 1       | 0         | 23.93                 |
|            |                         |            |    | 1       | 37        | 23.94                 |
|            |                         |            |    | 1       | 74        | 23.92                 |
|            |                         |            |    | 36      | 0         | 22.47                 |
|            |                         |            |    | 36      | 29        | 22.50                 |
|            |                         |            |    | 36      | 30        | 22.51                 |
|            |                         |            |    | 75      | 0         | 22.45                 |
|            | 1747.5                  | 20325      |    | 1       | 0         | 23.80                 |
|            |                         |            |    | 1       | 37        | 23.78                 |
|            |                         |            |    | 1       | 74        | 23.80                 |
|            |                         |            |    | 36      | 0         | 22.53                 |
|            |                         |            |    | 36      | 29        | 22.45                 |
|            |                         |            |    | 36      | 30        | 22.45                 |
|            |                         |            |    | 75      | 0         | 22.50                 |
|            | 1717.5                  | 20025      |    | 1       | 0         | 24.37                 |
|            |                         |            |    | 1       | 37        | 24.14                 |
|            |                         |            |    | 1       | 74        | 24.13                 |
|            |                         |            |    | 36      | 0         | 22.47                 |
|            |                         |            |    | 36      | 29        | 22.44                 |
|            |                         |            |    | 36      | 30        | 22.34                 |
|            |                         |            |    | 75      | 0         | 22.41                 |

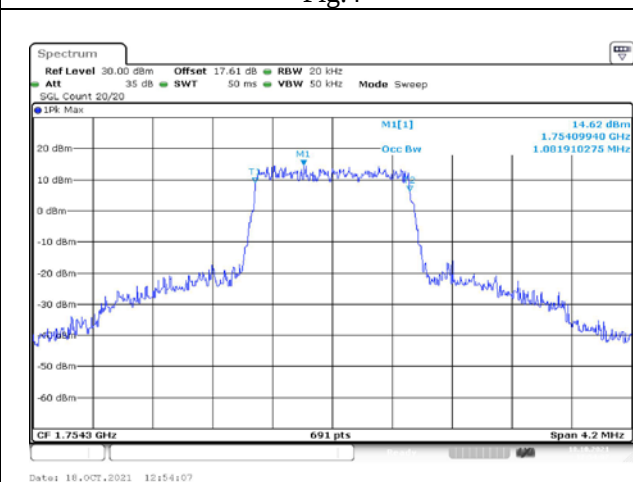
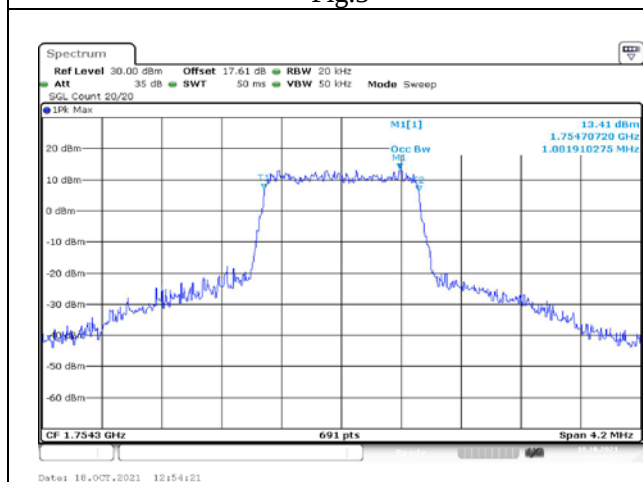
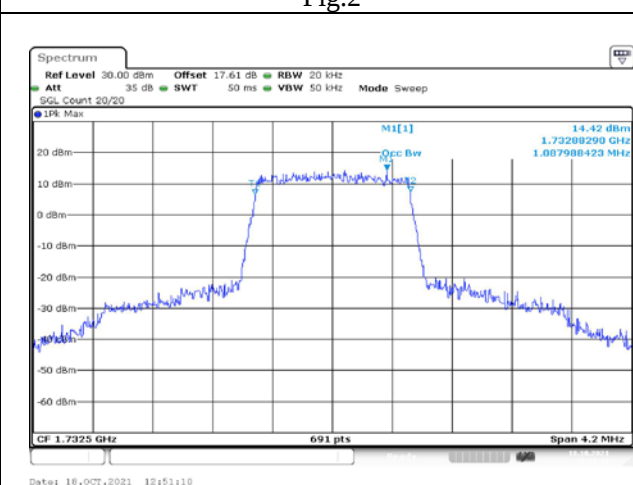
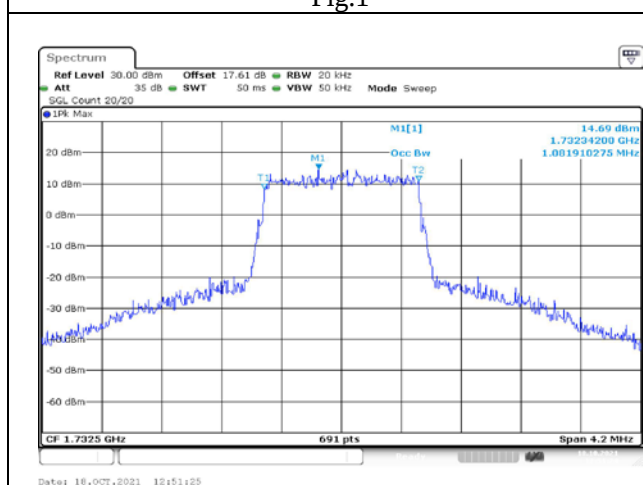
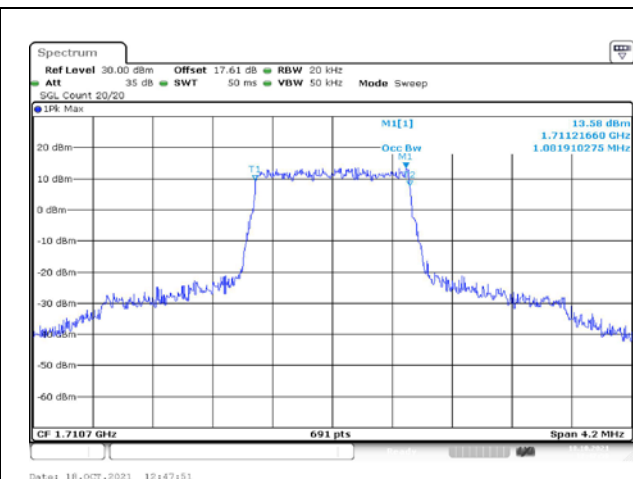
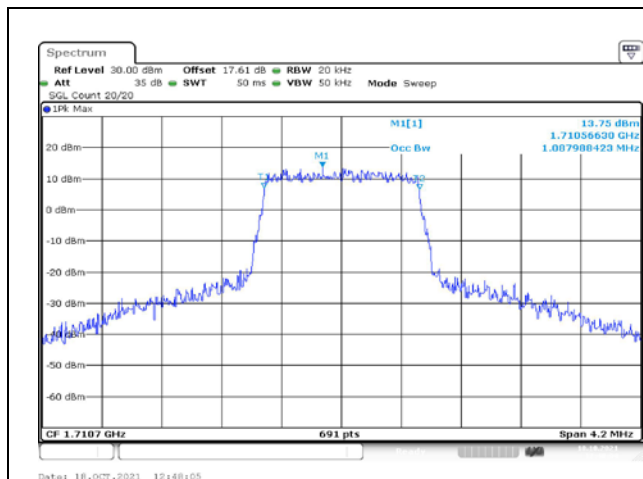
| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 1732.5                  | 20175      | 15 | 1       | 0         | 23.88                 |
|            |                         |            |    | 1       | 37        | 23.83                 |
|            |                         |            |    | 1       | 74        | 23.89                 |
|            |                         |            |    | 36      | 0         | 23.34                 |
|            |                         |            |    | 36      | 29        | 23.24                 |
|            |                         |            |    | 36      | 30        | 23.24                 |
|            |                         |            |    | 75      | 0         | 23.38                 |
|            | 1747.5                  | 20325      |    | 1       | 0         | 23.74                 |
|            |                         |            |    | 1       | 37        | 23.87                 |
|            |                         |            |    | 1       | 74        | 23.85                 |
|            |                         |            |    | 36      | 0         | 23.49                 |
|            |                         |            |    | 36      | 29        | 23.39                 |
|            |                         |            |    | 36      | 30        | 23.39                 |
|            |                         |            |    | 75      | 0         | 23.38                 |
|            | 1717.5                  | 20025      |    | 1       | 0         | 23.90                 |
|            |                         |            |    | 1       | 37        | 23.68                 |
|            |                         |            |    | 1       | 74        | 23.88                 |
|            |                         |            |    | 36      | 0         | 23.30                 |
|            |                         |            |    | 36      | 29        | 23.26                 |
|            |                         |            |    | 36      | 30        | 23.38                 |
|            |                         |            |    | 75      | 0         | 23.30                 |

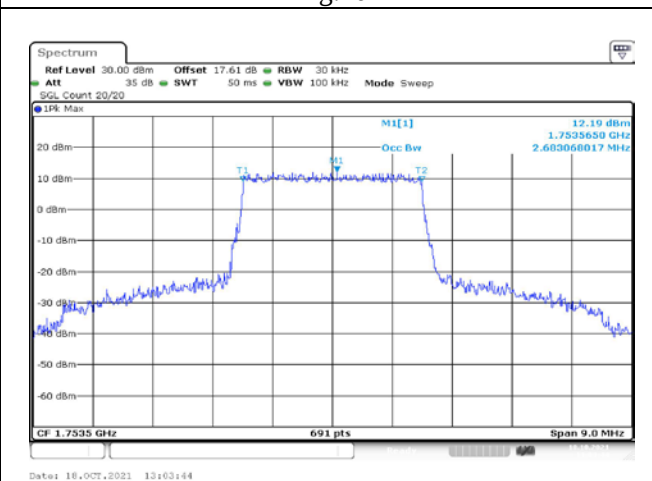
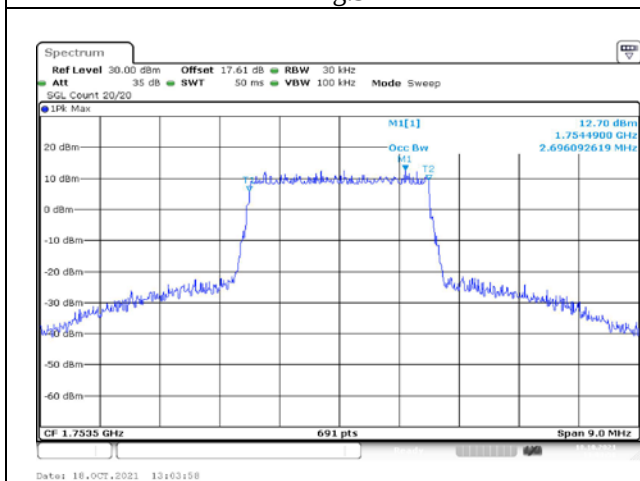
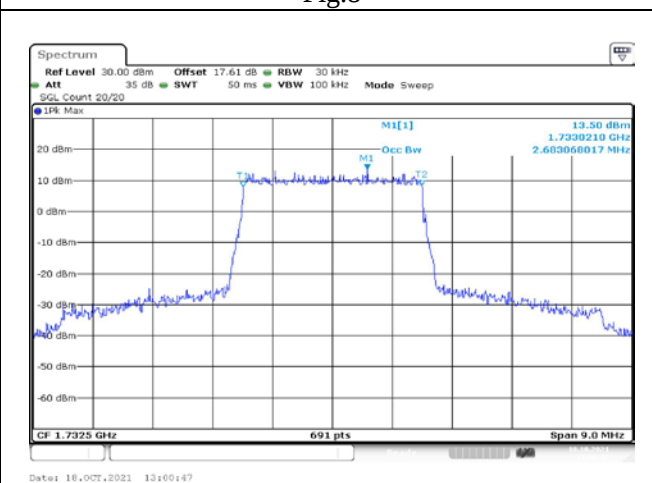
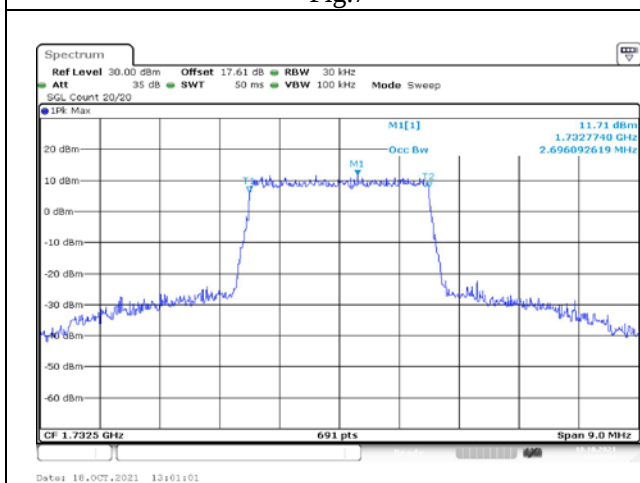
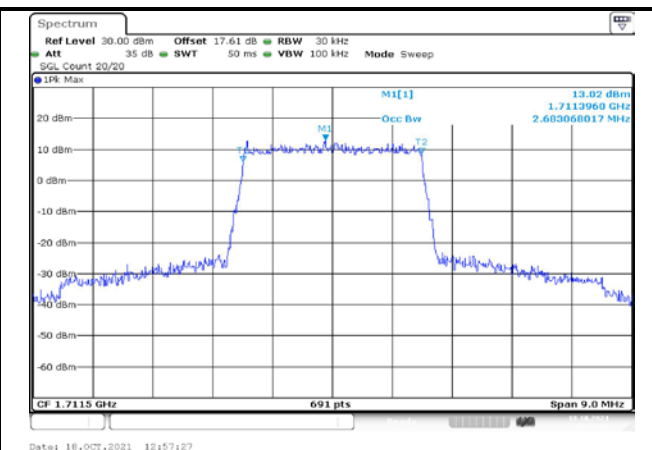
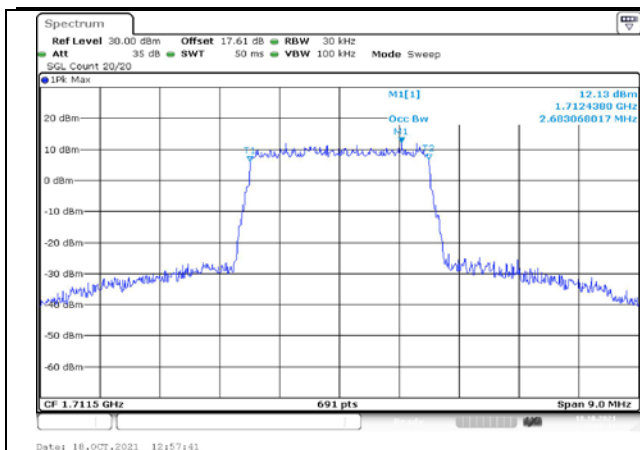
| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 16QAM      | 1720                    | 20050      | 20 | 1       | 0         | 23.72                 |
|            |                         |            |    | 1       | 49        | 23.73                 |
|            |                         |            |    | 1       | 99        | 23.76                 |
|            |                         |            |    | 50      | 0         | 22.29                 |
|            |                         |            |    | 50      | 24        | 22.31                 |
|            |                         |            |    | 50      | 50        | 22.25                 |
|            |                         |            |    | 100     | 0         | 22.22                 |
|            | 1732.5                  | 20175      |    | 1       | 0         | 23.46                 |
|            |                         |            |    | 1       | 49        | 23.37                 |
|            |                         |            |    | 1       | 99        | 23.50                 |
|            |                         |            |    | 50      | 0         | 22.31                 |
|            |                         |            |    | 50      | 24        | 22.35                 |
|            |                         |            |    | 50      | 50        | 22.37                 |
|            |                         |            |    | 100     | 0         | 22.24                 |
|            | 1745                    | 20300      |    | 1       | 0         | 23.37                 |
|            |                         |            |    | 1       | 49        | 23.45                 |
|            |                         |            |    | 1       | 99        | 23.51                 |
|            |                         |            |    | 50      | 0         | 22.21                 |
|            |                         |            |    | 50      | 24        | 22.35                 |
|            |                         |            |    | 50      | 50        | 22.37                 |
|            |                         |            |    | 100     | 0         | 22.41                 |

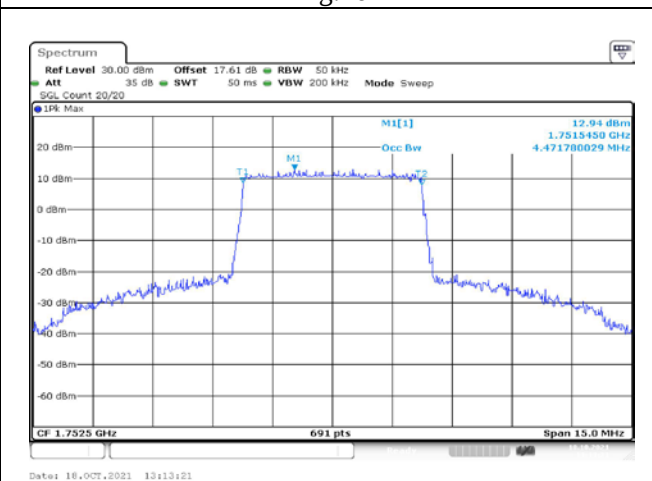
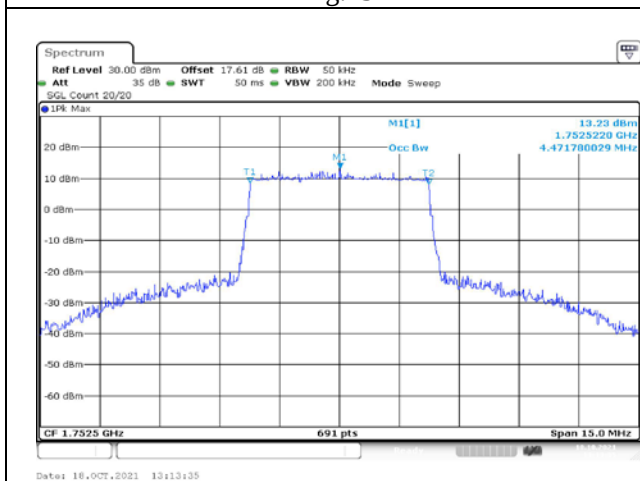
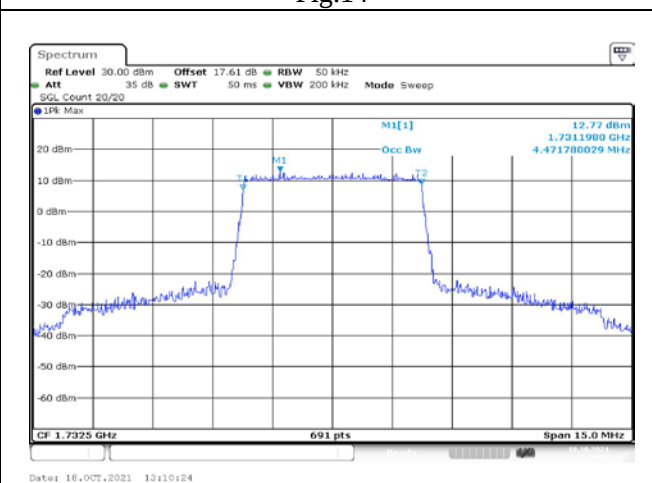
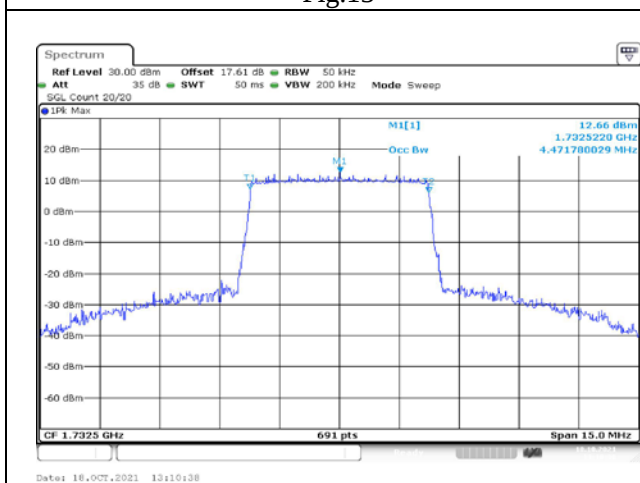
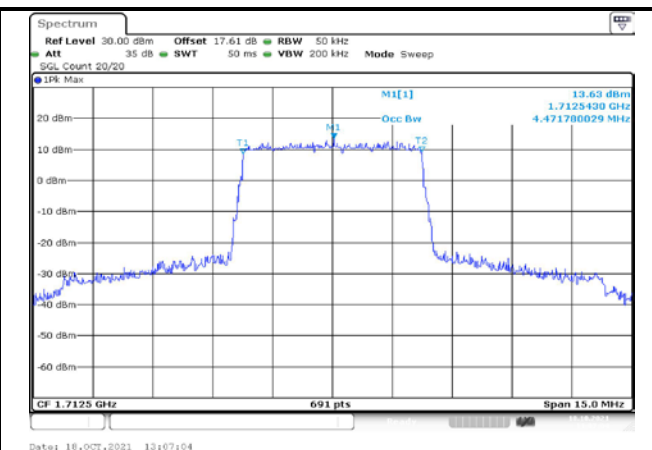
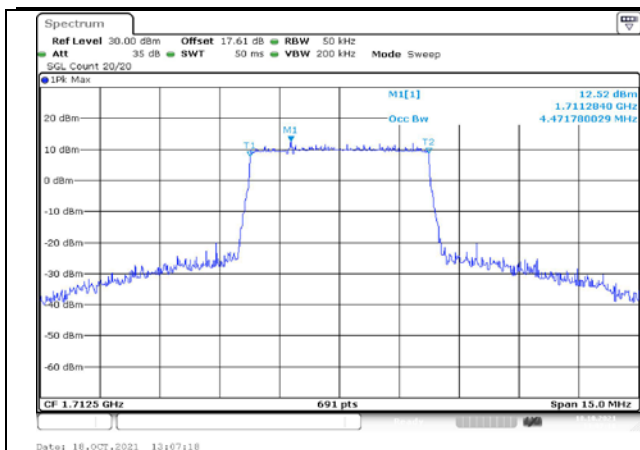
| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 1720                    | 20050      | 20 | 1       | 0         | 23.65                 |
|            |                         |            |    | 1       | 49        | 23.47                 |
|            |                         |            |    | 1       | 99        | 23.58                 |
|            |                         |            |    | 50      | 0         | 23.09                 |
|            |                         |            |    | 50      | 24        | 23.13                 |
|            |                         |            |    | 50      | 50        | 23.02                 |
|            |                         |            |    | 100     | 0         | 23.18                 |
|            | 1732.5                  | 20175      |    | 1       | 0         | 23.67                 |
|            |                         |            |    | 1       | 49        | 23.63                 |
|            |                         |            |    | 1       | 99        | 23.80                 |
|            |                         |            |    | 50      | 0         | 23.18                 |
|            |                         |            |    | 50      | 24        | 23.10                 |
|            |                         |            |    | 50      | 50        | 23.23                 |
|            |                         |            |    | 100     | 0         | 23.25                 |
|            | 1745                    | 20300      |    | 1       | 0         | 23.60                 |
|            |                         |            |    | 1       | 49        | 23.66                 |
|            |                         |            |    | 1       | 99        | 23.78                 |
|            |                         |            |    | 50      | 0         | 23.20                 |
|            |                         |            |    | 50      | 24        | 23.24                 |
|            |                         |            |    | 50      | 50        | 23.34                 |
|            |                         |            |    | 100     | 0         | 23.25                 |

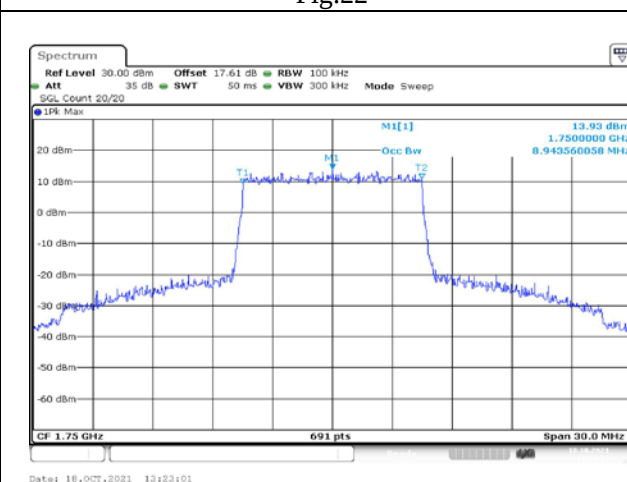
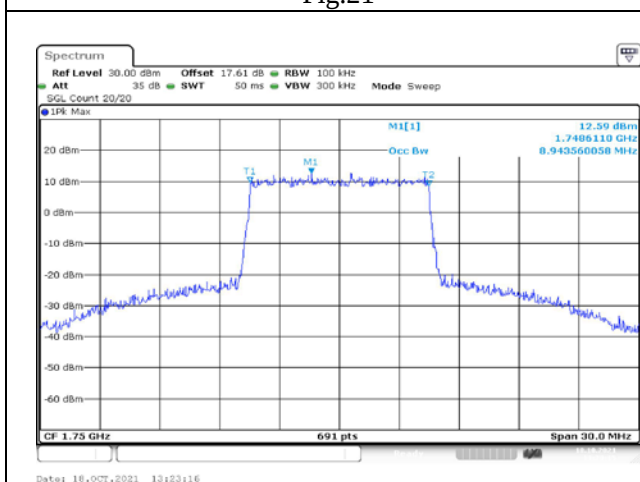
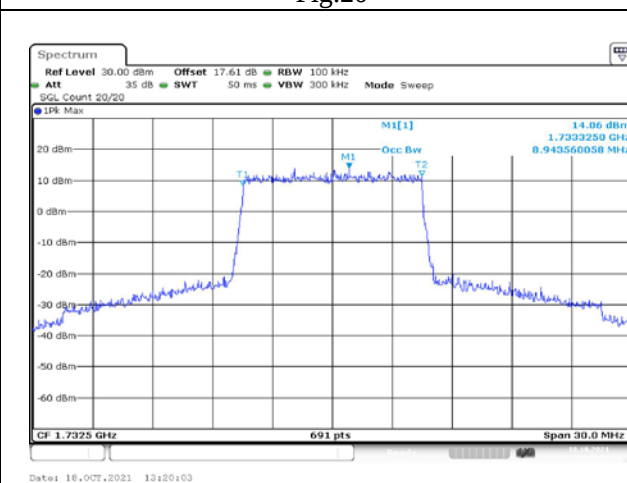
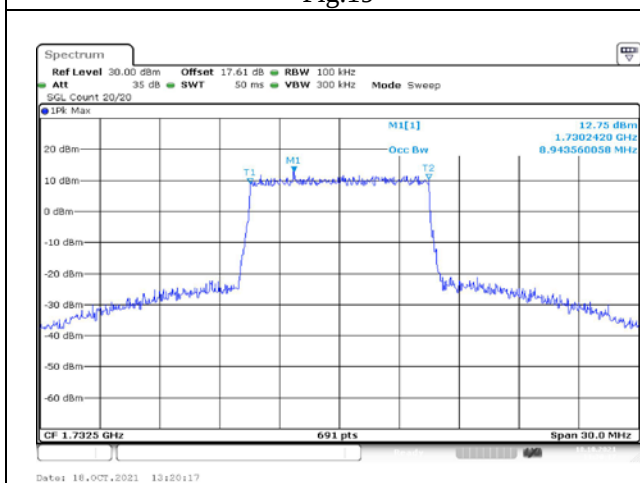
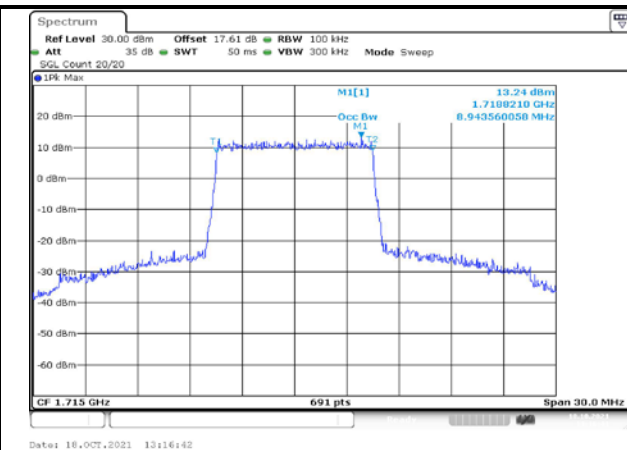
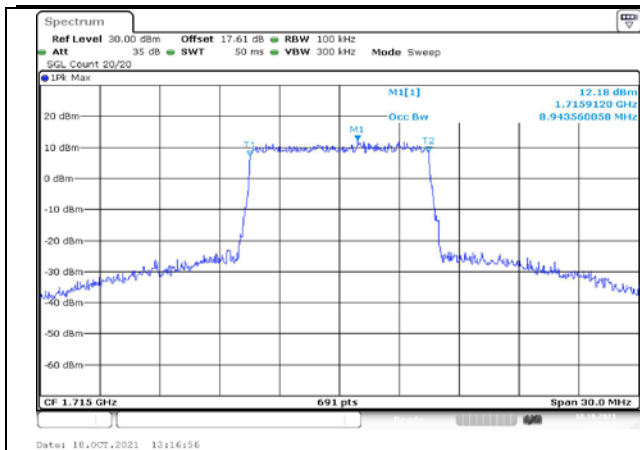
## 2 Occupied Bandwidth

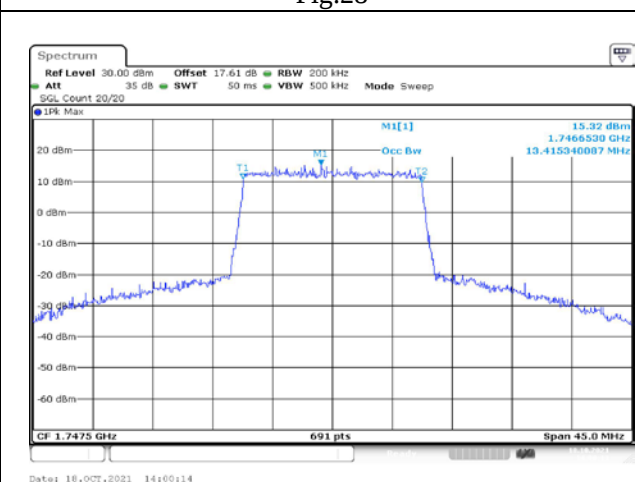
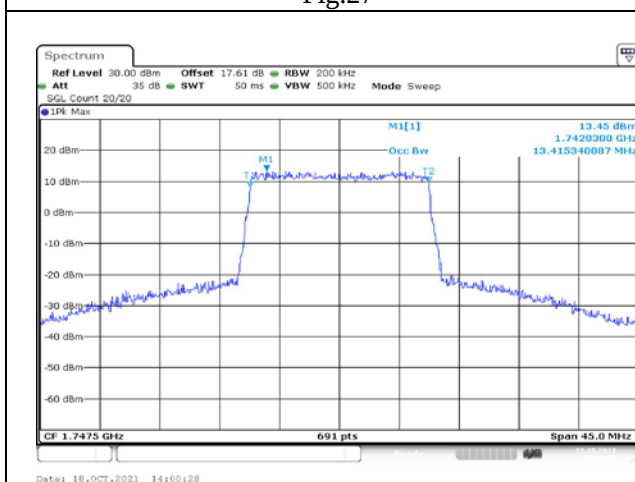
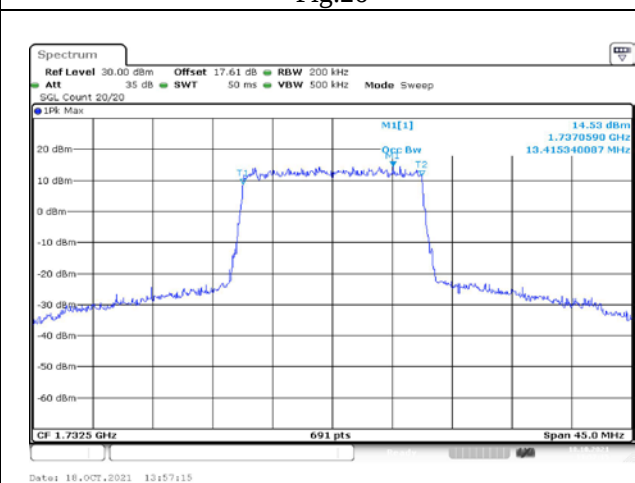
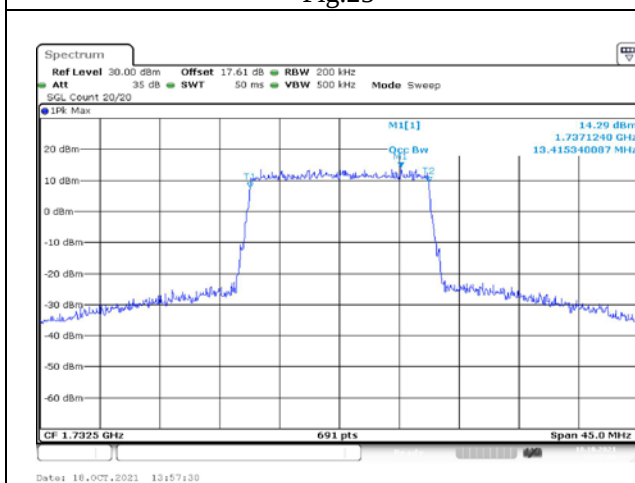
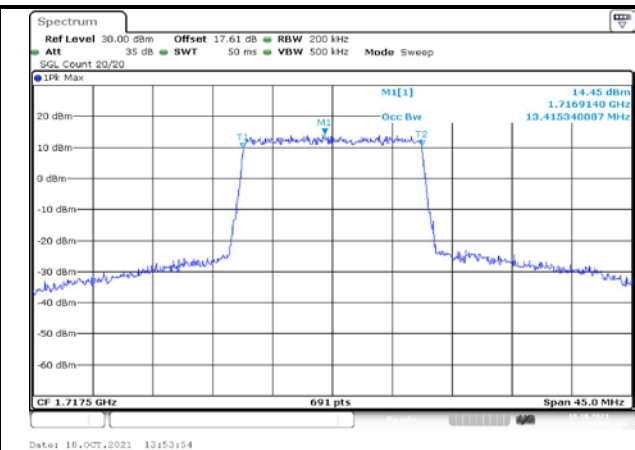
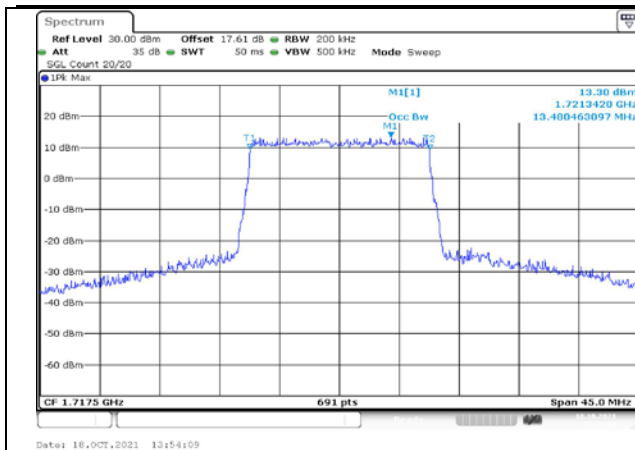
| Band | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of 99% Power (MHz) |        |        |        |        |     |
|------|-------------------------|---------|----------|---------|-----------|------------------------------|--------|--------|--------|--------|-----|
|      |                         |         |          |         |           | QPSK                         |        | 16-QAM |        | 64-QAM |     |
| 4    | 1710.7                  | 19957   | 1.4      | 6       | 0         | 1.082                        | Fig.1  | 1.088  | Fig.2  | ---    | --- |
|      | 1732.5                  | 20175   |          | 6       | 0         | 1.088                        | Fig.3  | 1.082  | Fig.4  | ---    | --- |
|      | 1754.3                  | 20393   |          | 6       | 0         | 1.082                        | Fig.5  | 1.082  | Fig.6  | ---    | --- |
|      | 1711.5                  | 19965   | 3        | 15      | 0         | 2.683                        | Fig.7  | 2.683  | Fig.8  | ---    | --- |
|      | 1732.5                  | 20175   |          | 15      | 0         | 2.683                        | Fig.9  | 2.696  | Fig.10 | ---    | --- |
|      | 1753.5                  | 20385   |          | 15      | 0         | 2.683                        | Fig.11 | 2.696  | Fig.12 | ---    | --- |
|      | 1712.5                  | 19975   | 5        | 25      | 0         | 4.472                        | Fig.13 | 4.472  | Fig.14 | ---    | --- |
|      | 1732.5                  | 20175   |          | 25      | 0         | 4.472                        | Fig.15 | 4.472  | Fig.16 | ---    | --- |
|      | 1752.5                  | 20375   |          | 25      | 0         | 4.472                        | Fig.17 | 4.472  | Fig.18 | ---    | --- |
|      | 1715                    | 20000   | 10       | 50      | 0         | 8.944                        | Fig.19 | 8.944  | Fig.20 | ---    | --- |
|      | 1732.5                  | 20175   |          | 50      | 0         | 8.944                        | Fig.21 | 8.944  | Fig.22 | ---    | --- |
|      | 1750                    | 20350   |          | 50      | 0         | 8.944                        | Fig.23 | 8.944  | Fig.24 | ---    | --- |
|      | 1717.5                  | 20025   | 15       | 75      | 0         | 13.415                       | Fig.25 | 13.480 | Fig.26 | ---    | --- |
|      | 1732.5                  | 20175   |          | 75      | 0         | 13.415                       | Fig.27 | 13.415 | Fig.28 | ---    | --- |
|      | 1747.5                  | 20325   |          | 75      | 0         | 13.415                       | Fig.29 | 13.415 | Fig.30 | ---    | --- |
|      | 1720                    | 20050   | 20       | 100     | 0         | 17.887                       | Fig.31 | 17.887 | Fig.32 | ---    | --- |
|      | 1732.5                  | 20175   |          | 100     | 0         | 17.887                       | Fig.33 | 17.887 | Fig.34 | ---    | --- |
|      | 1745                    | 20300   |          | 100     | 0         | 17.887                       | Fig.35 | 17.887 | Fig.36 | ---    | --- |

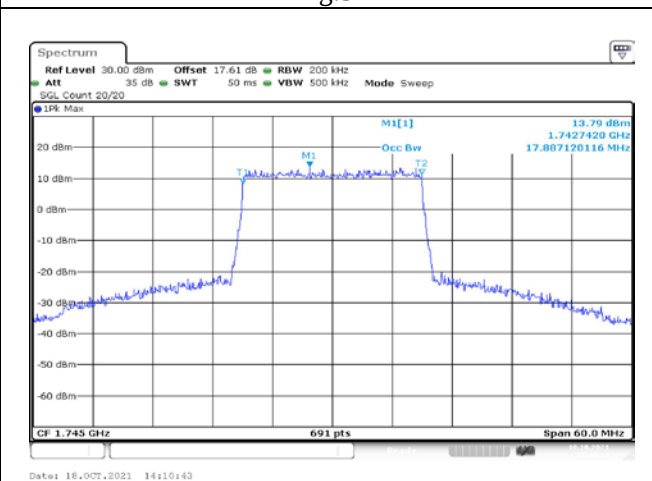
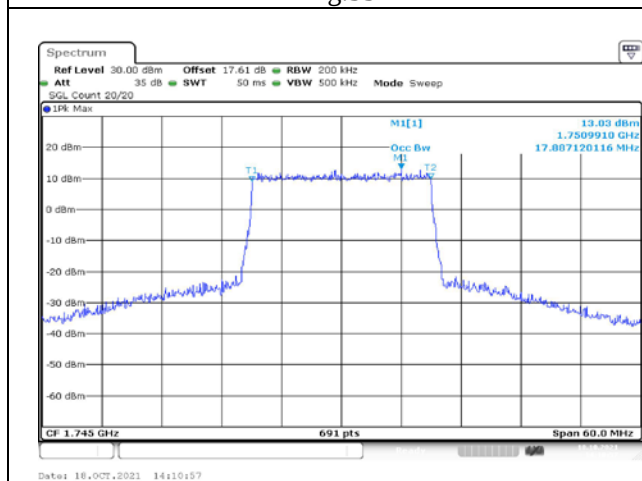
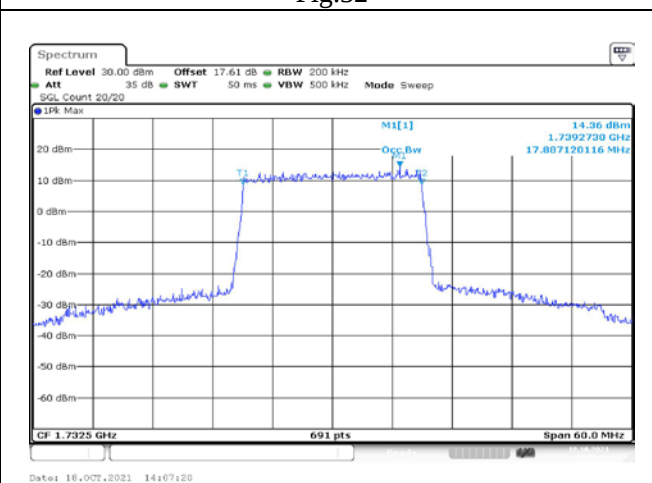
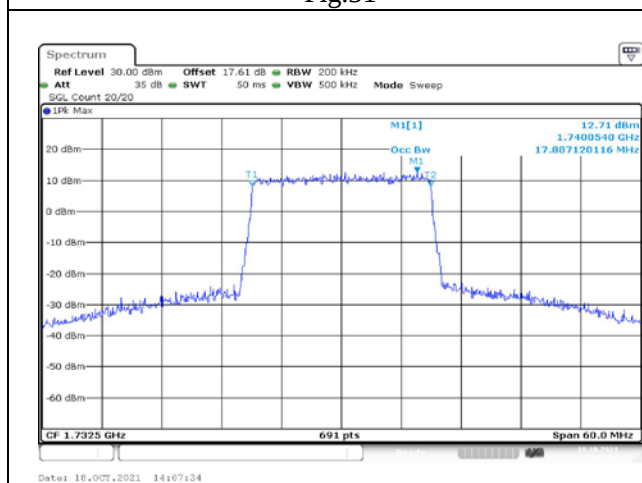
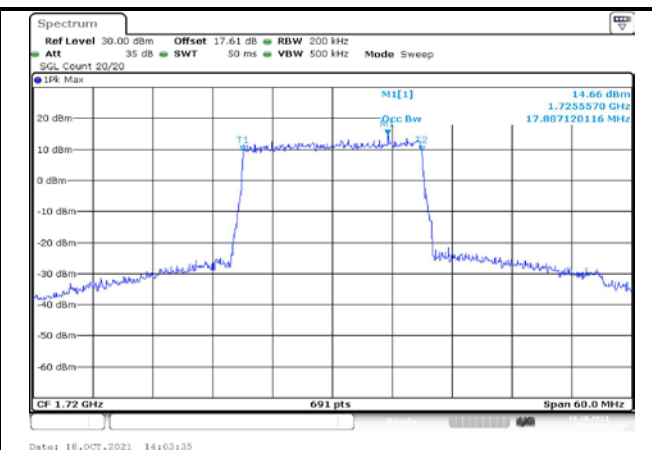
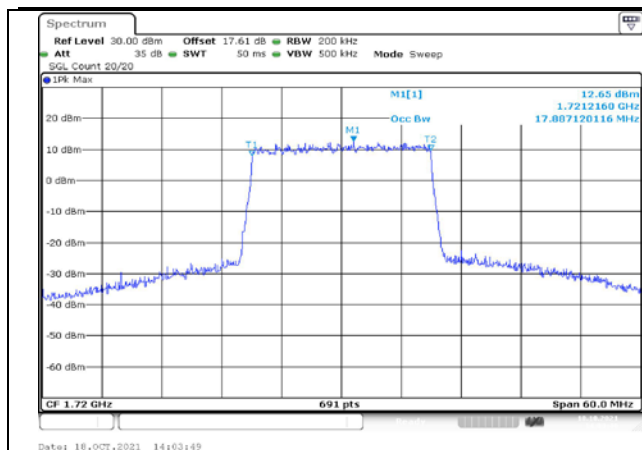












### 3 Emission Bandwidth

| Band | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of -26dB transmitter power (MHz) |        |        |        |        |     |
|------|-------------------------|---------|----------|---------|-----------|--------------------------------------------|--------|--------|--------|--------|-----|
|      |                         |         |          |         |           | QPSK                                       |        | 16-QAM |        | 64-QAM |     |
| 4    | 1710.7                  | 19957   | 1.4      | 6       | 0         | 1.228                                      | Fig.1  | 1.234  | Fig.2  | ---    | --- |
|      | 1732.5                  | 20175   |          | 6       | 0         | 1.228                                      | Fig.3  | 1.228  | Fig.4  | ---    | --- |
|      | 1754.3                  | 20393   |          | 6       | 0         | 1.234                                      | Fig.5  | 1.228  | Fig.6  | ---    | --- |
|      | 1711.5                  | 19965   | 3        | 15      | 0         | 2.944                                      | Fig.7  | 3.009  | Fig.8  | ---    | --- |
|      | 1732.5                  | 20175   |          | 15      | 0         | 2.957                                      | Fig.9  | 2.983  | Fig.10 | ---    | --- |
|      | 1753.5                  | 20385   |          | 15      | 0         | 3.009                                      | Fig.11 | 2.957  | Fig.12 | ---    | --- |
|      | 1712.5                  | 19975   | 5        | 25      | 0         | 4.928                                      | Fig.13 | 4.863  | Fig.14 | ---    | --- |
|      | 1732.5                  | 20175   |          | 25      | 0         | 4.906                                      | Fig.15 | 4.863  | Fig.16 | ---    | --- |
|      | 1752.5                  | 20375   |          | 25      | 0         | 4.906                                      | Fig.17 | 4.884  | Fig.18 | ---    | --- |
|      | 1715                    | 20000   | 10       | 50      | 0         | 9.682                                      | Fig.19 | 9.682  | Fig.20 | ---    | --- |
|      | 1732.5                  | 20175   |          | 50      | 0         | 9.682                                      | Fig.21 | 9.725  | Fig.22 | ---    | --- |
|      | 1750                    | 20350   |          | 50      | 0         | 9.725                                      | Fig.23 | 9.638  | Fig.24 | ---    | --- |
|      | 1717.5                  | 20025   | 15       | 75      | 0         | 14.718                                     | Fig.25 | 14.848 | Fig.26 | ---    | --- |
|      | 1732.5                  | 20175   |          | 75      | 0         | 14.522                                     | Fig.27 | 14.588 | Fig.28 | ---    | --- |
|      | 1747.5                  | 20325   |          | 75      | 0         | 14.653                                     | Fig.29 | 14.718 | Fig.30 | ---    | --- |
|      | 1720                    | 20050   | 20       | 100     | 0         | 19.363                                     | Fig.31 | 19.363 | Fig.32 | ---    | --- |
|      | 1732.5                  | 20175   |          | 100     | 0         | 19.363                                     | Fig.33 | 19.276 | Fig.34 | ---    | --- |
|      | 1745                    | 20300   |          | 100     | 0         | 19.450                                     | Fig.35 | 19.450 | Fig.36 | ---    | --- |

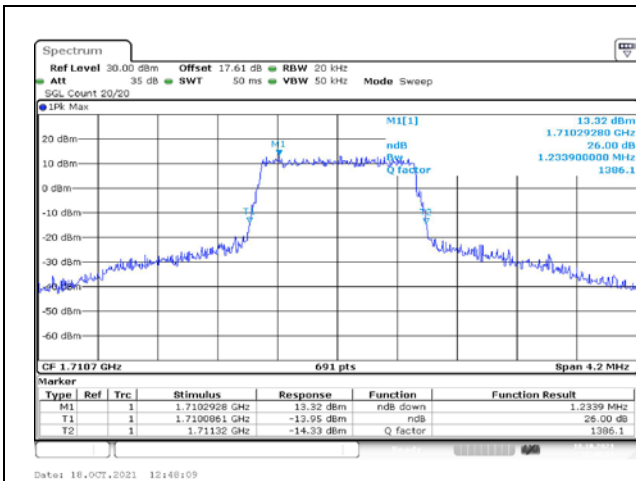


Fig.1

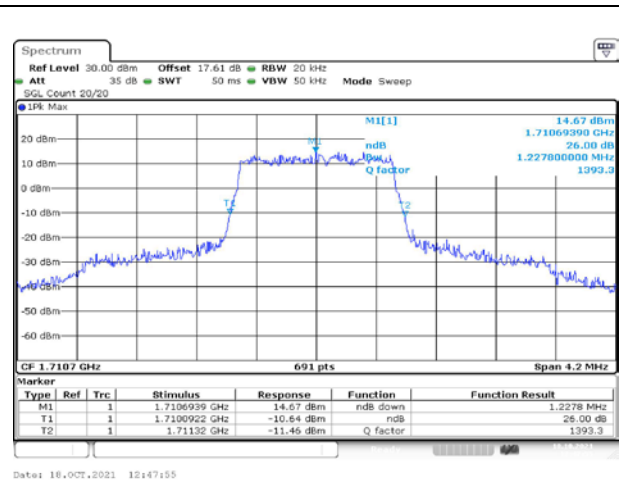


Fig.2

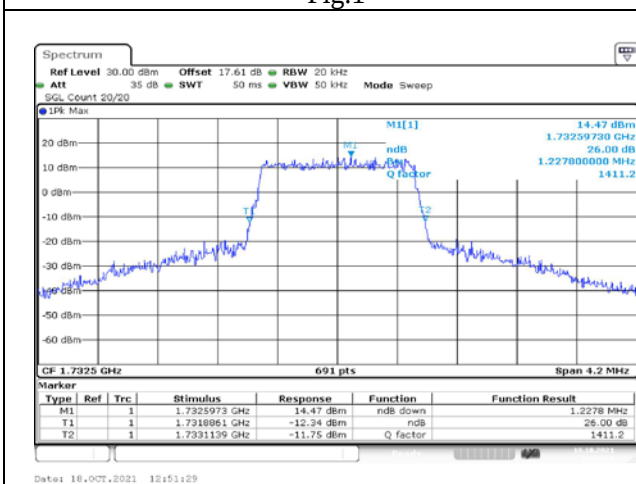


Fig.3



Fig.4

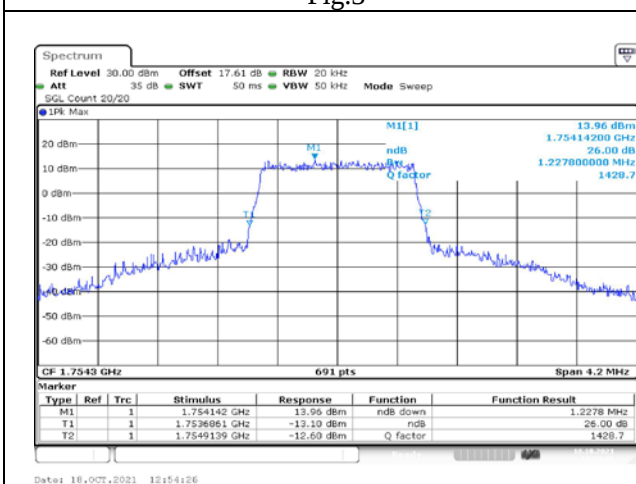


Fig.5

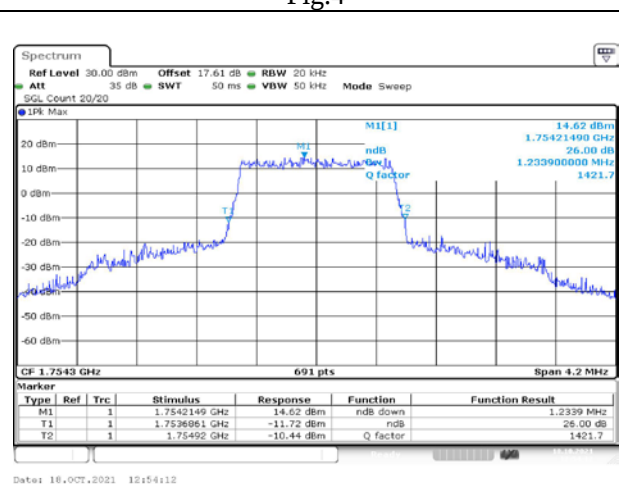


Fig.6

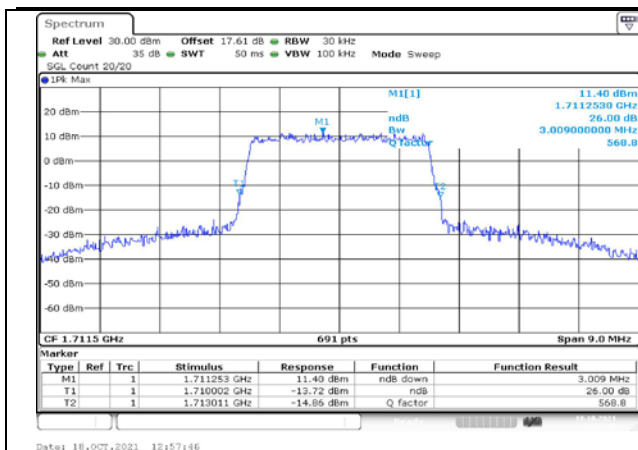


Fig.7

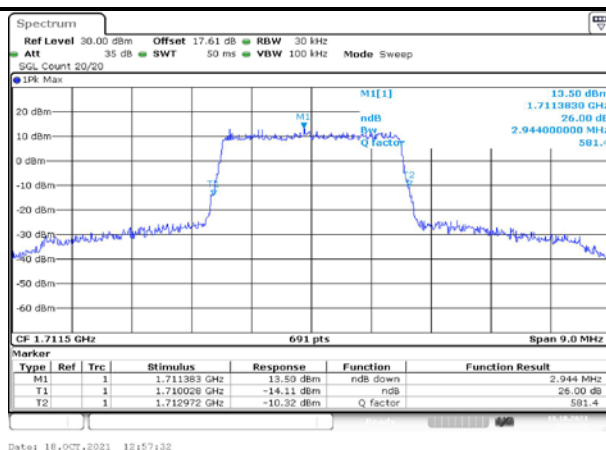


Fig.8

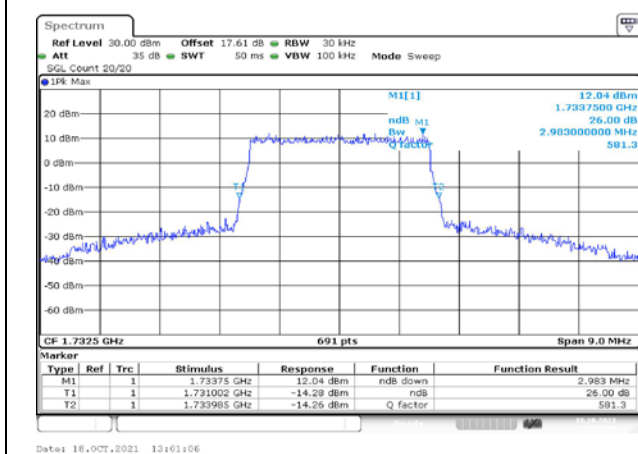


Fig.9

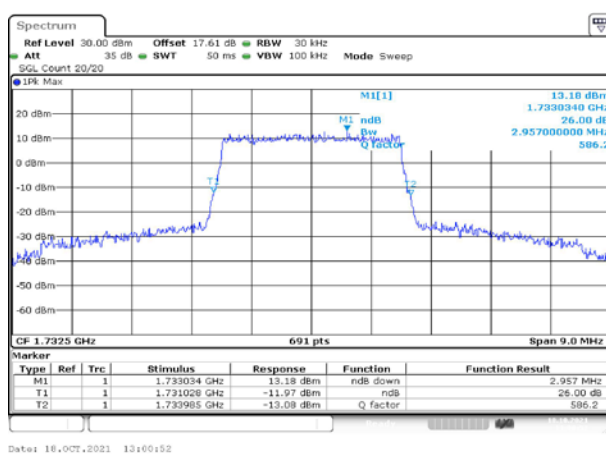


Fig.10

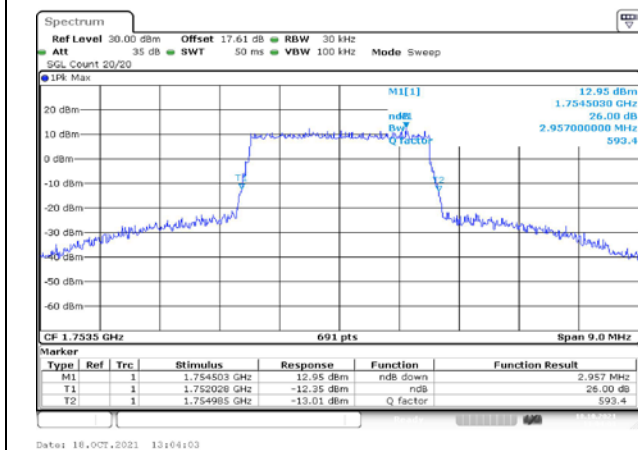


Fig.11

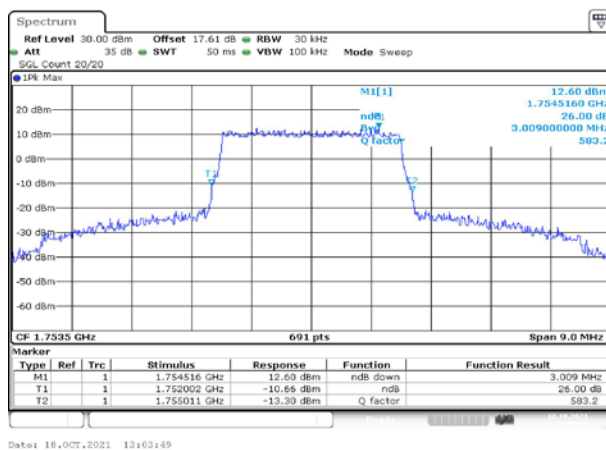


Fig.12

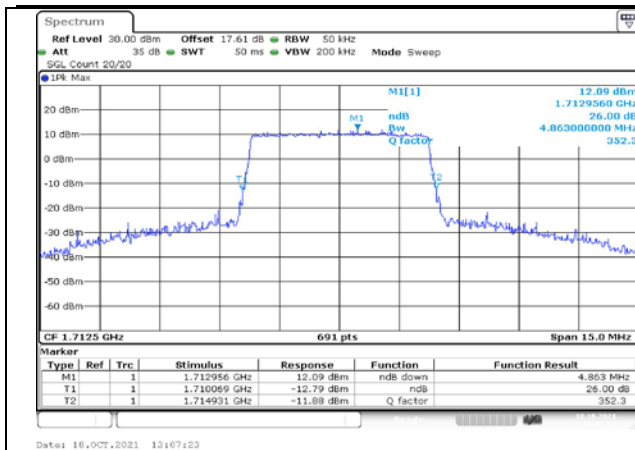


Fig.13

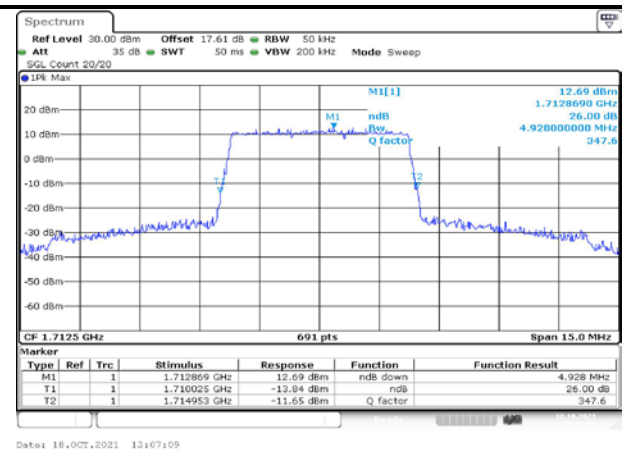


Fig.14

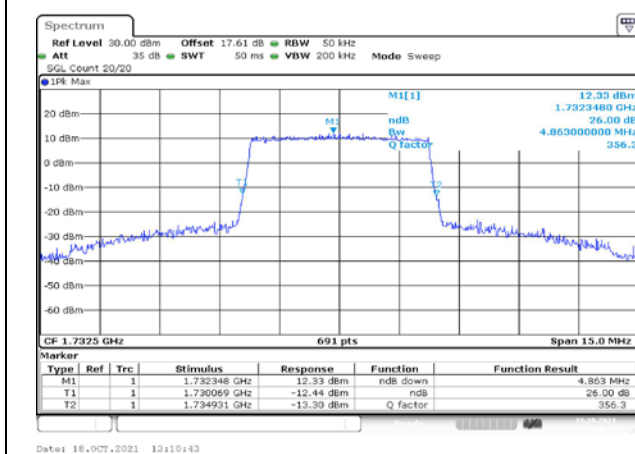


Fig.15

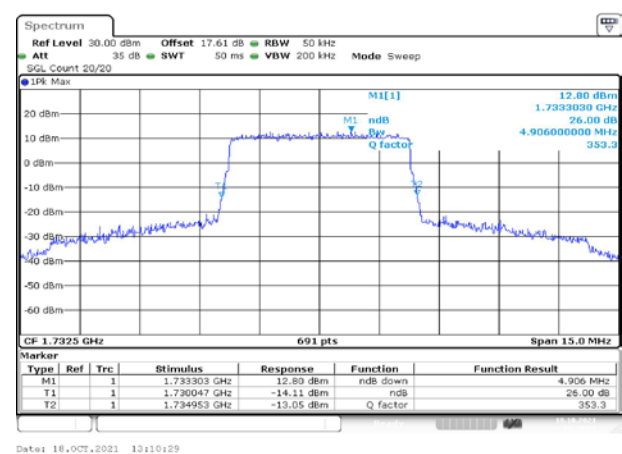


Fig.16

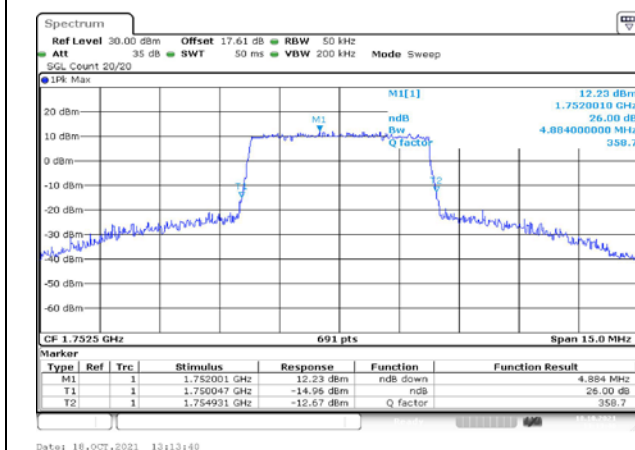


Fig.17

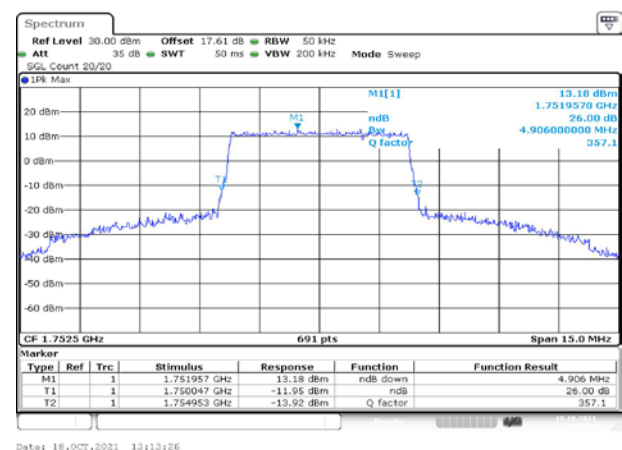


Fig.18

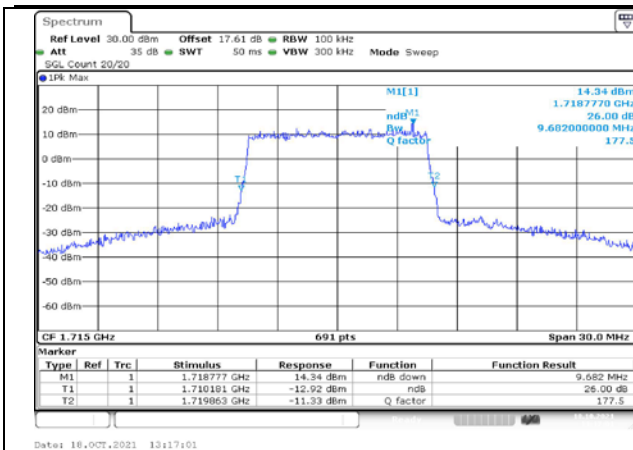


Fig.19

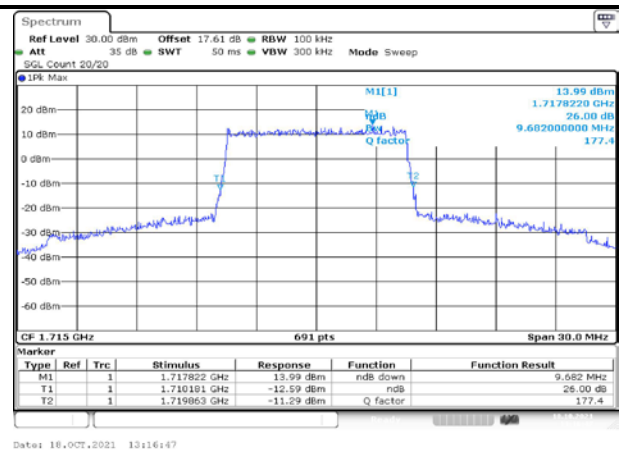


Fig.20

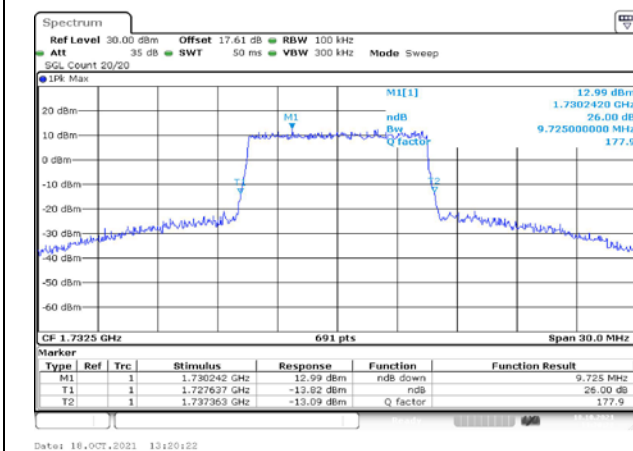


Fig.21

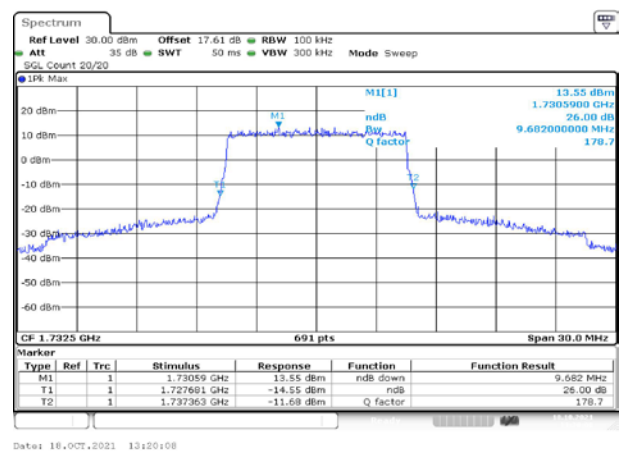


Fig.22

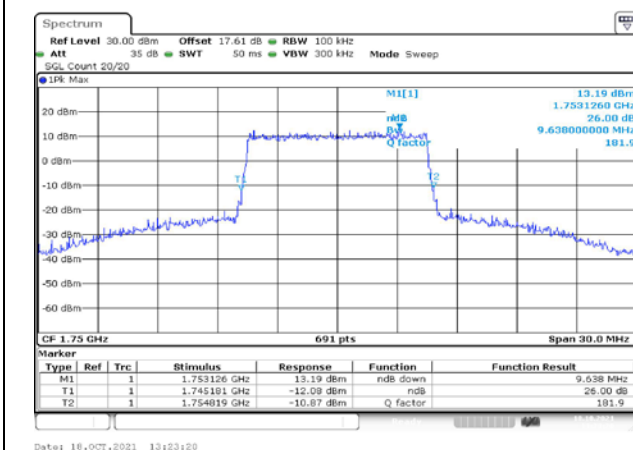


Fig.23

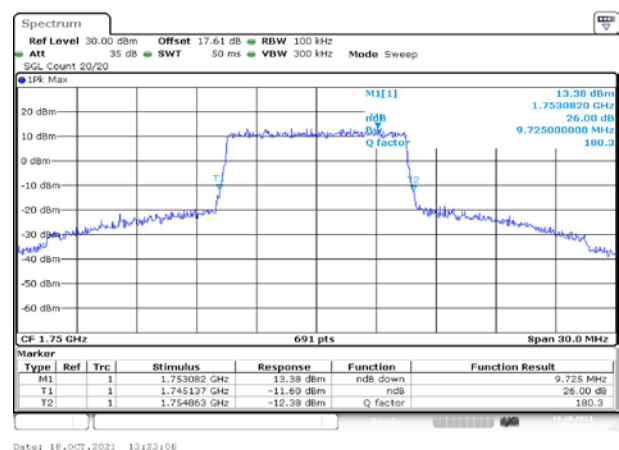


Fig.24

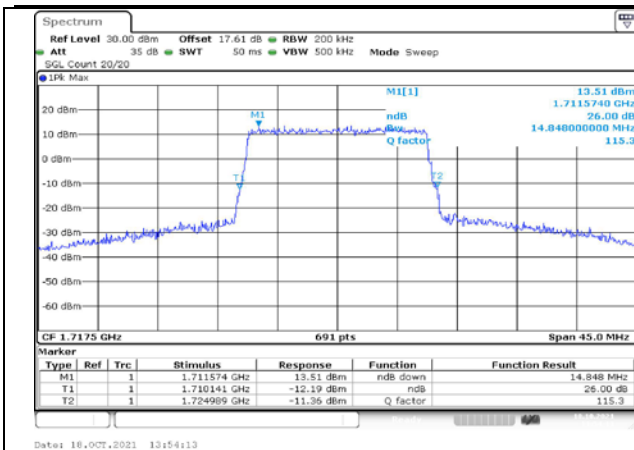


Fig.25

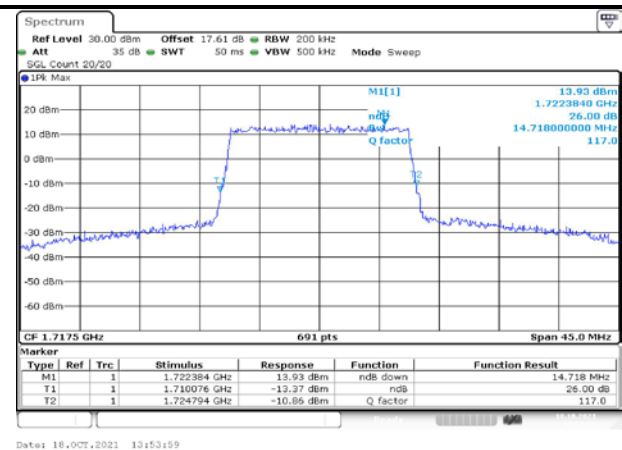


Fig.26

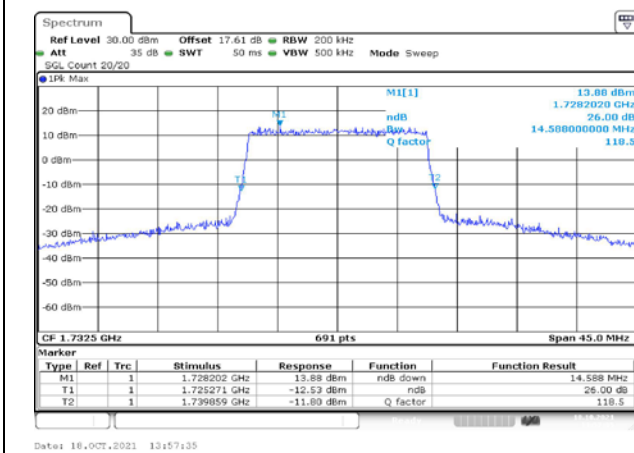


Fig.27

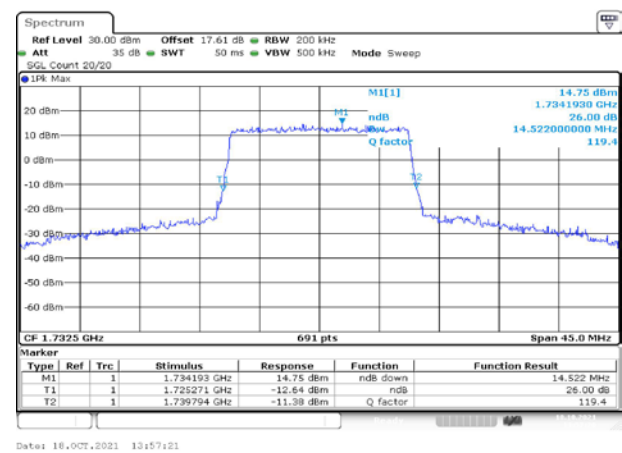


Fig.28

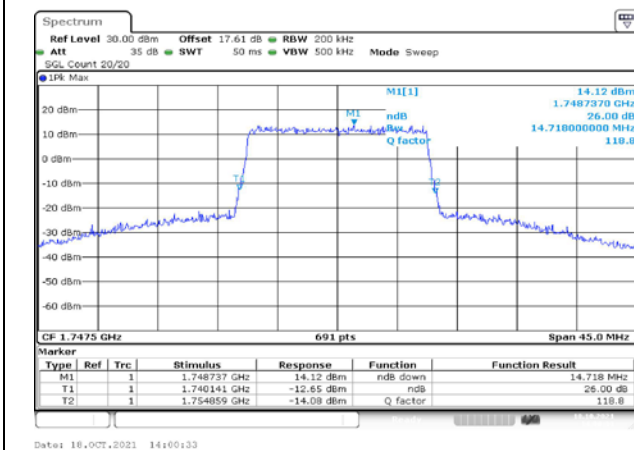


Fig.29

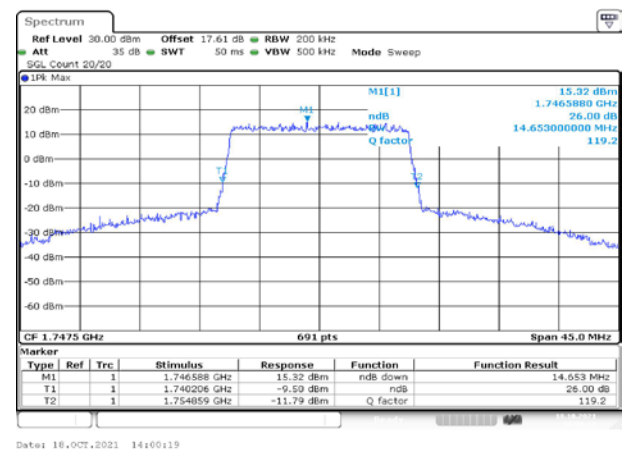


Fig.30

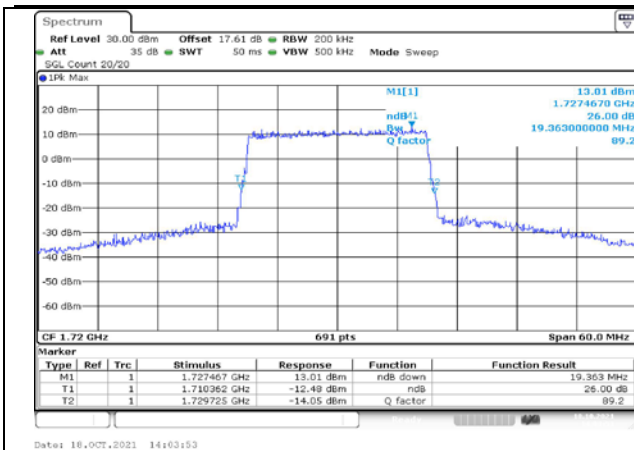


Fig.31

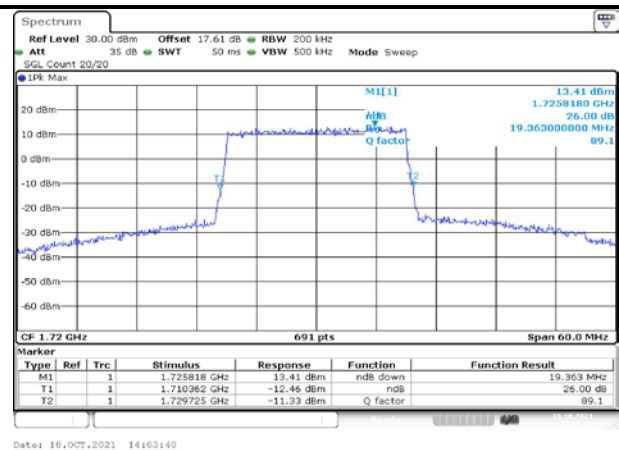


Fig.32

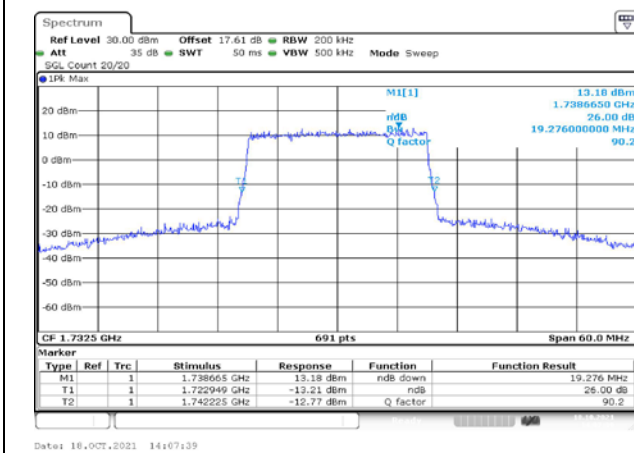


Fig.33

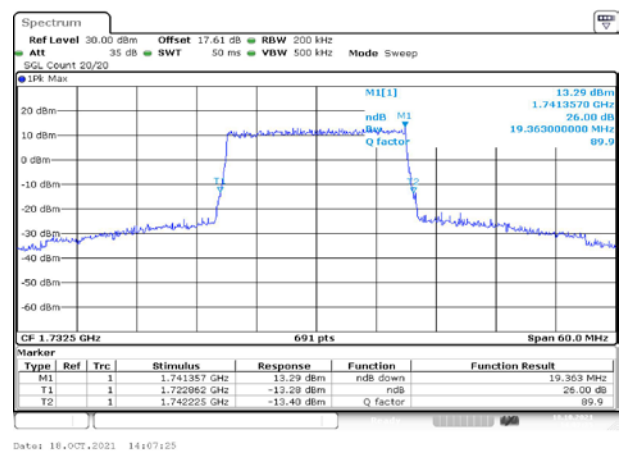


Fig.34

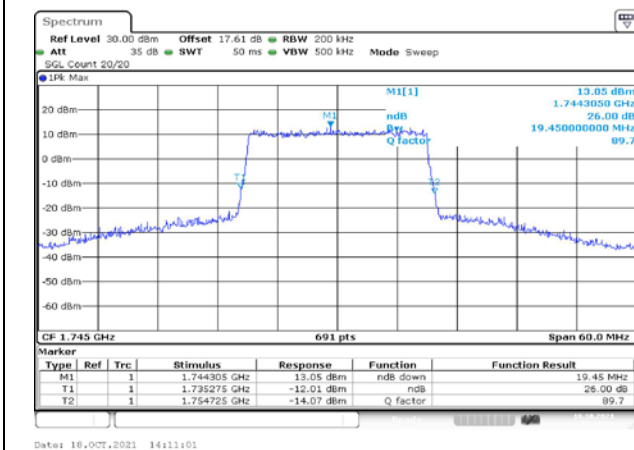


Fig.35

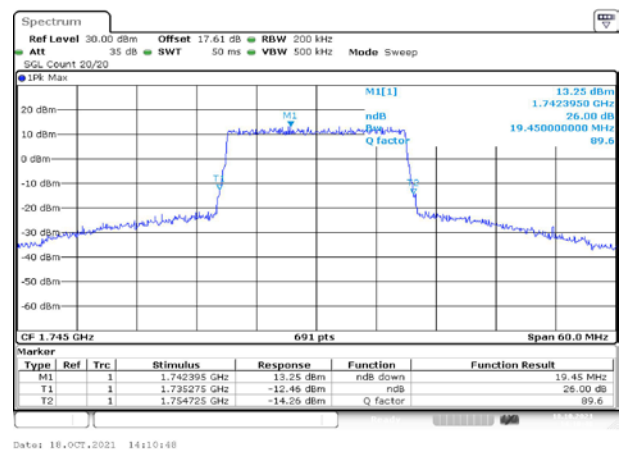


Fig.36

#### 4 Peak-Average Ratio

| Band | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | QPSK   | 16-QAM | 64-QAM |
|------|-------------------------|---------|----------|---------|-----------|--------|--------|--------|
| 4    | 1710.7                  | 19957   | 1.4      | 1       | 5         | Fig.1  | Fig.2  | ---    |
|      | 1710.7                  | 19957   |          | 6       | 0         | Fig.3  | Fig.4  | ---    |
|      | 1732.5                  | 20175   |          | 1       | 5         | Fig.5  | Fig.6  | ---    |
|      | 1732.5                  | 20175   |          | 6       | 0         | Fig.7  | Fig.8  | ---    |
|      | 1754.3                  | 20393   |          | 1       | 5         | Fig.9  | Fig.10 | ---    |
|      | 1754.3                  | 20393   |          | 6       | 0         | Fig.11 | Fig.12 | ---    |
|      | 1711.5                  | 19965   | 3        | 1       | 14        | Fig.13 | Fig.14 | ---    |
|      | 1711.5                  | 19965   |          | 15      | 0         | Fig.15 | Fig.16 | ---    |
|      | 1732.5                  | 20175   |          | 1       | 14        | Fig.17 | Fig.18 | ---    |
|      | 1732.5                  | 20175   |          | 15      | 0         | Fig.19 | Fig.20 | ---    |
|      | 1753.5                  | 20385   |          | 1       | 14        | Fig.21 | Fig.22 | ---    |
|      | 1753.5                  | 20385   |          | 15      | 0         | Fig.23 | Fig.24 | ---    |
|      | 1712.5                  | 19975   | 5        | 1       | 24        | Fig.25 | Fig.26 | ---    |
|      | 1712.5                  | 19975   |          | 25      | 0         | Fig.27 | Fig.28 | ---    |
|      | 1732.5                  | 20175   |          | 1       | 24        | Fig.29 | Fig.30 | ---    |
|      | 1732.5                  | 20175   |          | 25      | 0         | Fig.31 | Fig.32 | ---    |
|      | 1752.5                  | 20375   |          | 1       | 24        | Fig.33 | Fig.34 | ---    |
|      | 1752.5                  | 20375   |          | 25      | 0         | Fig.35 | Fig.36 | ---    |
|      | 1715                    | 20000   | 10       | 1       | 49        | Fig.37 | Fig.38 | ---    |
|      | 1715                    | 20000   |          | 50      | 0         | Fig.39 | Fig.40 | ---    |
|      | 1732.5                  | 20175   |          | 1       | 49        | Fig.41 | Fig.42 | ---    |
|      | 1732.5                  | 20175   |          | 50      | 0         | Fig.43 | Fig.44 | ---    |
|      | 1750                    | 20350   |          | 1       | 49        | Fig.45 | Fig.46 | ---    |
|      | 1750                    | 20350   |          | 50      | 0         | Fig.47 | Fig.48 | ---    |
|      | 1717.5                  | 20025   | 15       | 1       | 74        | Fig.49 | Fig.50 | ---    |
|      | 1717.5                  | 20025   |          | 75      | 0         | Fig.51 | Fig.52 | ---    |
|      | 1732.5                  | 20175   |          | 1       | 74        | Fig.53 | Fig.54 | ---    |
|      | 1732.5                  | 20175   |          | 75      | 0         | Fig.55 | Fig.56 | ---    |
|      | 1747.5                  | 20325   |          | 1       | 74        | Fig.57 | Fig.58 | ---    |
|      | 1747.5                  | 20325   |          | 75      | 0         | Fig.59 | Fig.60 | ---    |
|      | 1720                    | 20050   | 20       | 1       | 99        | Fig.61 | Fig.62 | ---    |
|      | 1720                    | 20050   |          | 100     | 0         | Fig.63 | Fig.64 | ---    |
|      | 1732.5                  | 20175   |          | 1       | 99        | Fig.65 | Fig.66 | ---    |
|      | 1732.5                  | 20175   |          | 100     | 0         | Fig.67 | Fig.68 | ---    |
|      | 1745                    | 20300   |          | 1       | 99        | Fig.69 | Fig.70 | ---    |
|      | 1745                    | 20300   |          | 100     | 0         | Fig.71 | Fig.72 | ---    |

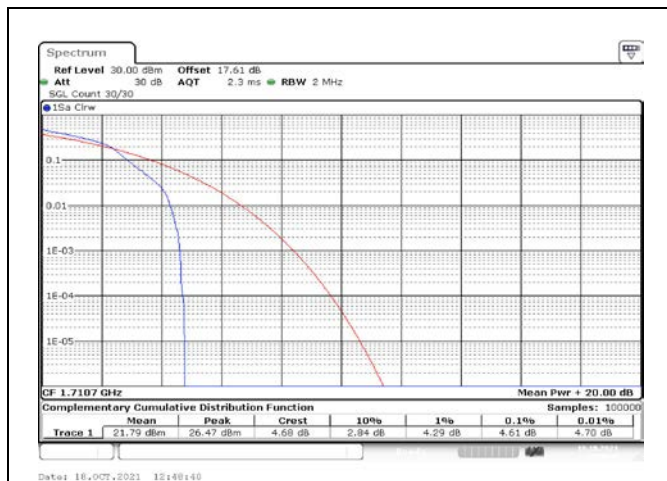


Fig.1

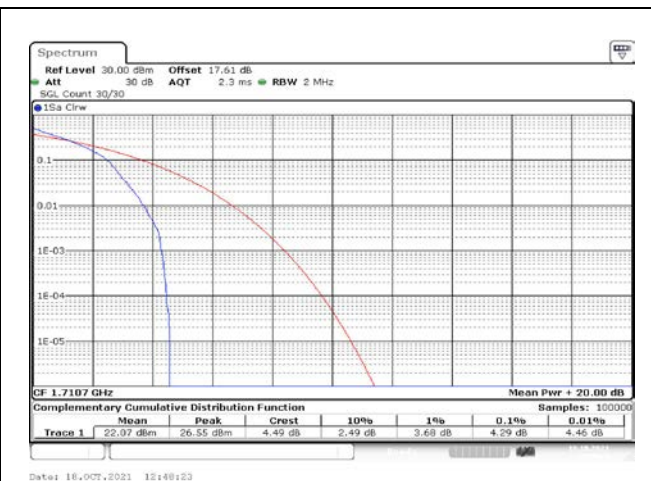


Fig.2

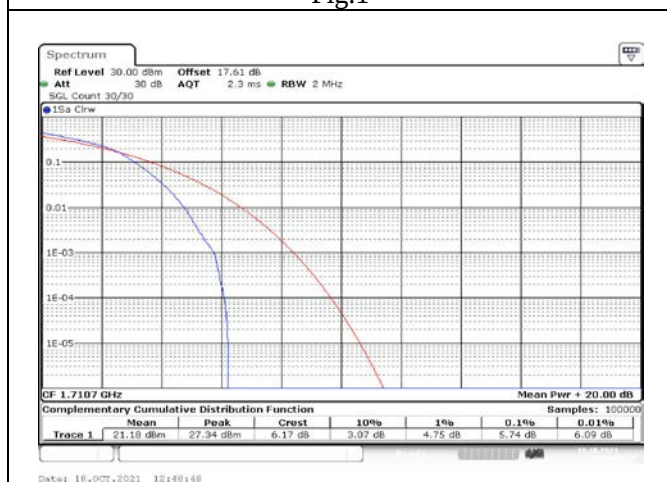


Fig.3

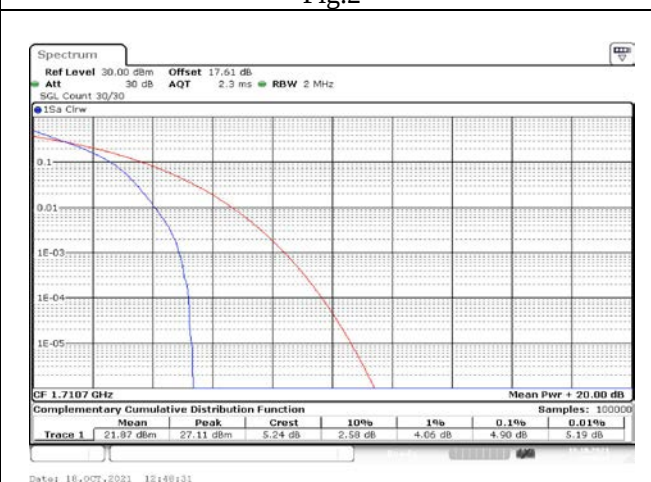


Fig.4

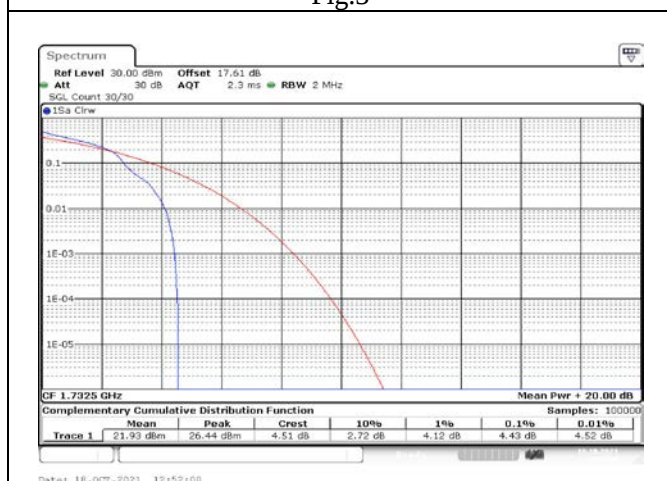


Fig.5

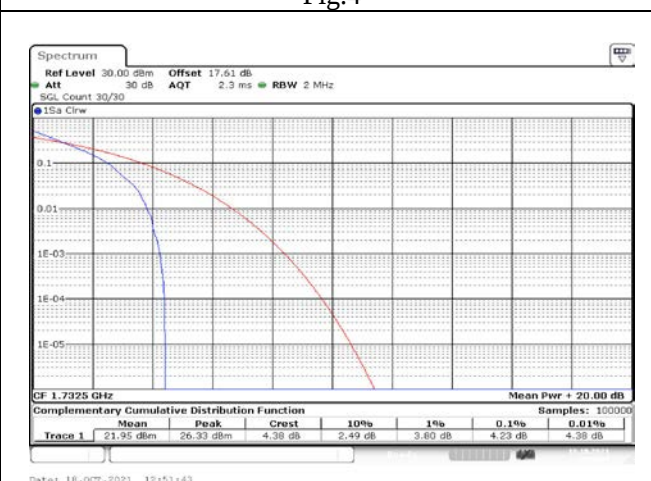


Fig.6

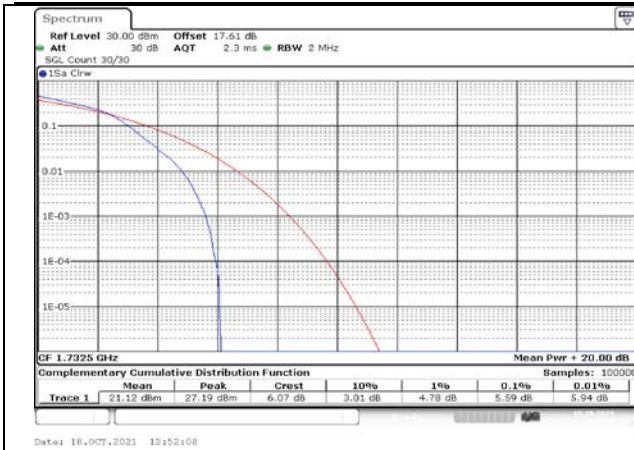


Fig.7

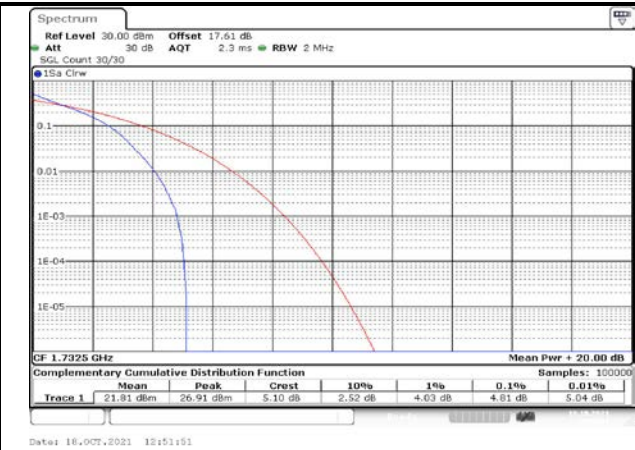


Fig.8

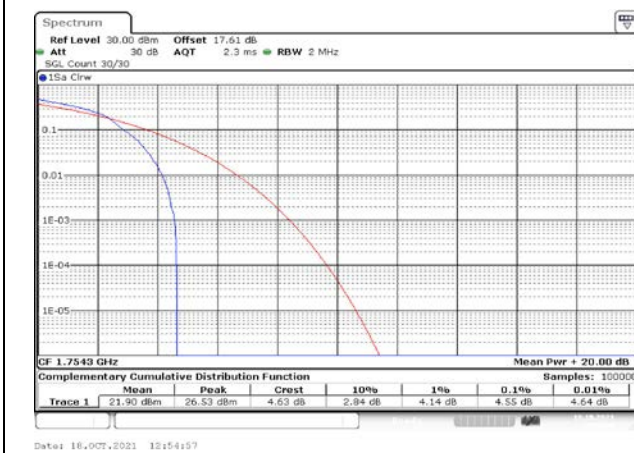


Fig.9

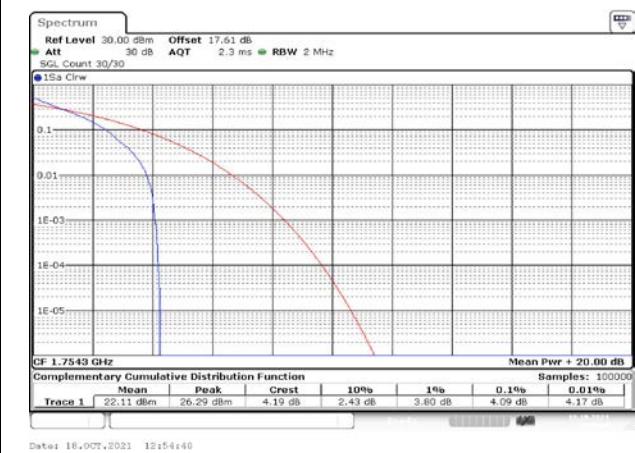


Fig.10

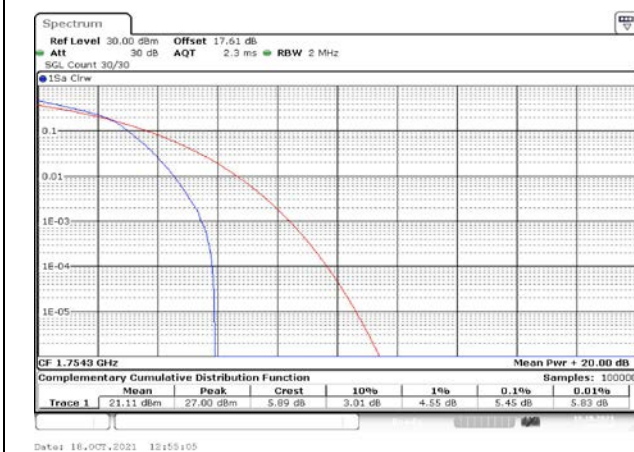


Fig.11

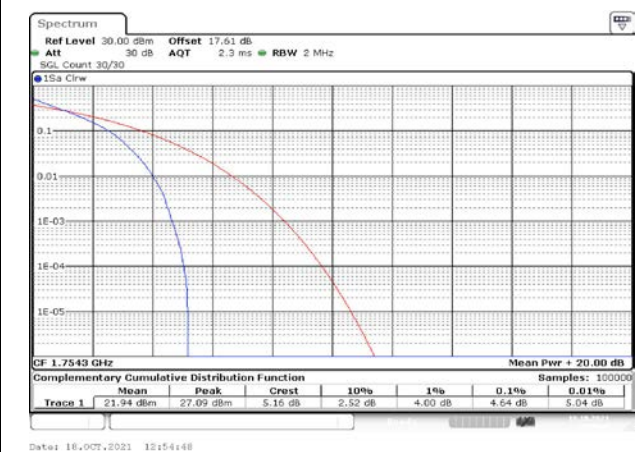


Fig.12

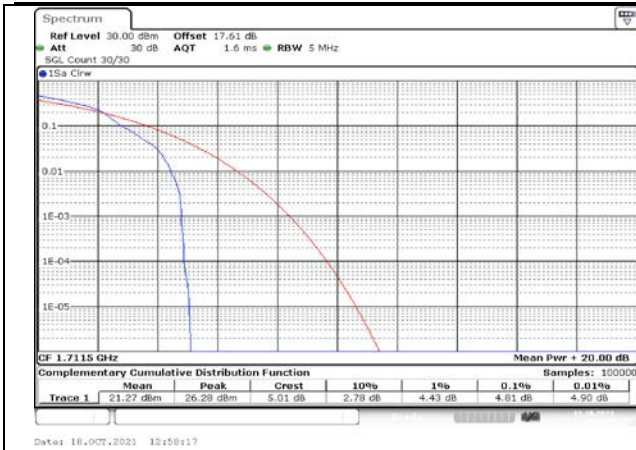


Fig.13

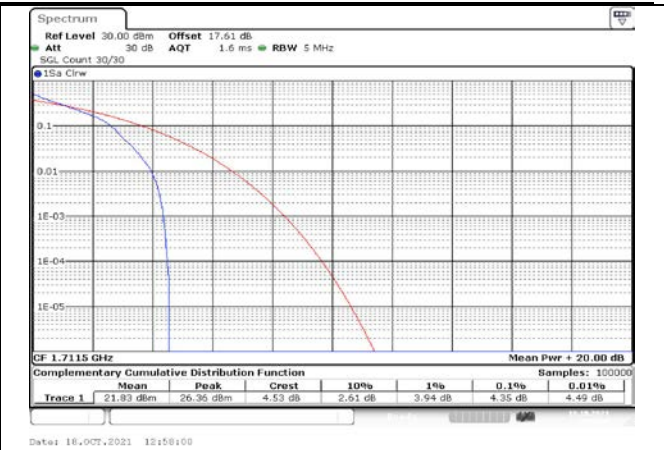


Fig.14

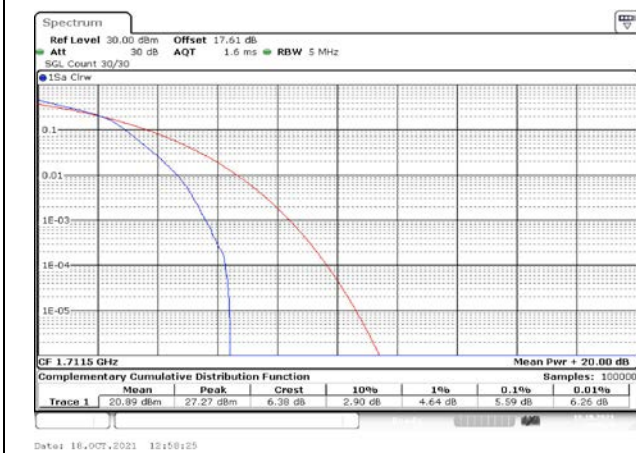


Fig.15

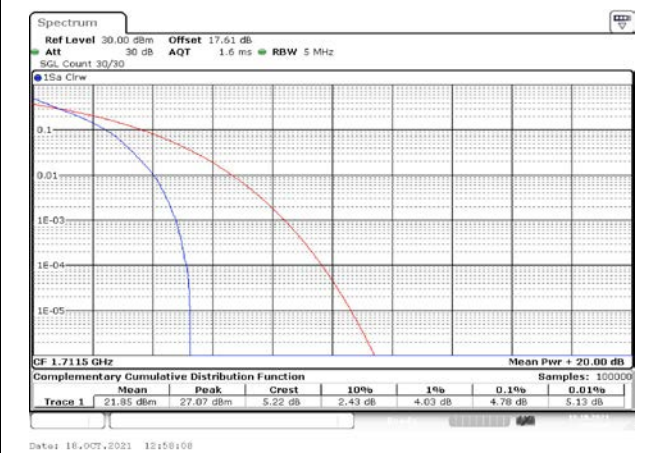


Fig.16

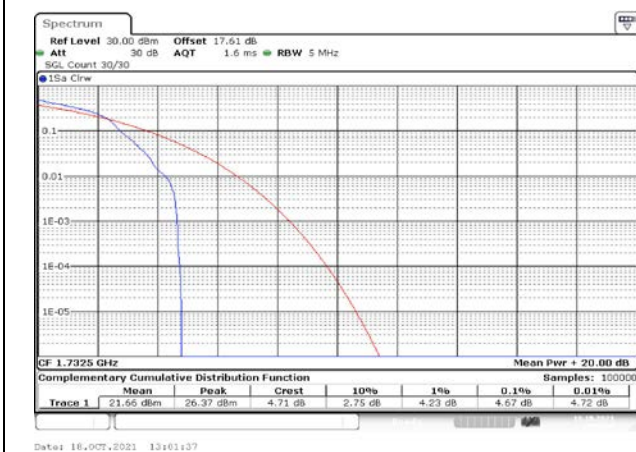


Fig.17

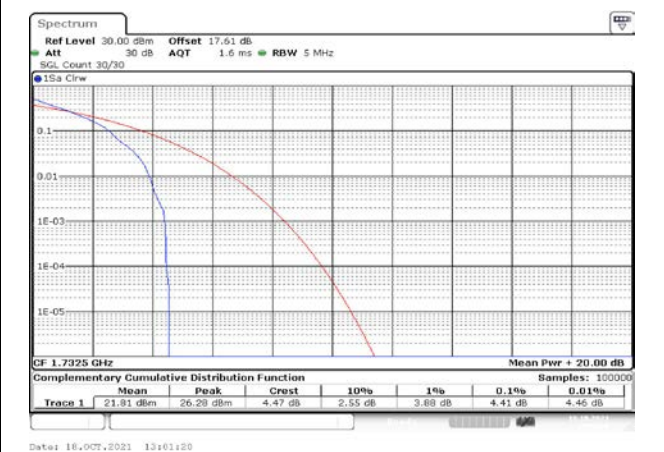


Fig.18