

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

**LTE Band 12**

**1 RF Power Output**

| Rx Power Output |                         |            |     |         |           |                       |       |
|-----------------|-------------------------|------------|-----|---------|-----------|-----------------------|-------|
| Modulation      | Carrier frequency (MHz) | UL Channel | BW  | RB Size | RB Offset | Conducted power (dBm) |       |
| QPSK            | 699.7                   | 23017      | 1.4 | 1       | 0         | 23.61                 |       |
|                 |                         |            |     | 1       | 3         | 23.60                 |       |
|                 |                         |            |     | 1       | 5         | 23.63                 |       |
|                 |                         |            |     | 3       | 0         | 23.69                 |       |
|                 |                         |            |     | 3       | 1         | 23.74                 |       |
|                 |                         |            |     | 3       | 3         | 23.72                 |       |
|                 | 6                       | 0          |     | 22.72   |           |                       |       |
|                 | 707.5                   | 23095      |     | 1       | 0         | 23.65                 |       |
|                 |                         |            |     | 1       | 3         | 23.69                 |       |
|                 |                         |            |     | 1       | 5         | 23.66                 |       |
|                 |                         |            |     | 3       | 0         | 23.67                 |       |
|                 |                         |            |     | 3       | 1         | 23.67                 |       |
|                 |                         |            |     | 3       | 3         | 23.70                 |       |
|                 | 6                       | 0          |     | 22.72   |           |                       |       |
|                 | 715.3                   | 23173      |     | 1       | 0         | 23.60                 |       |
|                 |                         |            |     | 1       | 3         | 23.57                 |       |
|                 |                         |            |     | 1       | 5         | 23.55                 |       |
|                 |                         |            |     | 3       | 0         | 23.62                 |       |
|                 |                         |            |     | 3       | 1         | 23.51                 |       |
|                 |                         |            |     | 3       | 3         | 23.55                 |       |
|                 | 6                       | 0          |     | 22.57   |           |                       |       |
|                 | 16QAM                   | 699.7      |     | 23017   | 1         | 0                     | 22.80 |
|                 |                         |            |     |         | 1         | 3                     | 22.72 |
|                 |                         |            |     |         | 1         | 5                     | 22.72 |
| 3               |                         |            |     |         | 0         | 22.92                 |       |
| 3               |                         |            |     |         | 1         | 22.84                 |       |
| 3               |                         |            |     |         | 3         | 22.98                 |       |
| 6               |                         | 0          |     | 21.74   |           |                       |       |
| 707.5           |                         | 23095      |     | 1       | 0         | 22.87                 |       |
|                 |                         |            |     | 1       | 3         | 22.92                 |       |
|                 |                         |            |     | 1       | 5         | 23.03                 |       |
|                 |                         |            |     | 3       | 0         | 22.72                 |       |
|                 |                         |            |     | 3       | 1         | 22.84                 |       |
|                 |                         |            |     | 3       | 3         | 22.77                 |       |
| 6               |                         | 0          |     | 21.69   |           |                       |       |
| 715.3           |                         | 23173      |     | 1       | 0         | 22.72                 |       |
|                 |                         |            |     | 1       | 3         | 22.77                 |       |
|                 |                         |            |     | 1       | 5         | 22.83                 |       |
|                 |                         |            |     | 3       | 0         | 22.84                 |       |
|                 |                         |            |     | 3       | 1         | 22.72                 |       |
|                 |                         |            |     | 3       | 3         | 22.72                 |       |
|                 |                         |            |     | 6       | 0         | 21.59                 |       |

| Modulation | Carrier frequency (MHz) | UL Channel | BW  | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|-----|---------|-----------|-----------------------|
| 64QAM      | 699.7                   | 23017      | 1.4 | 1       | 0         | 22.21                 |
|            |                         |            |     | 1       | 3         | 22.23                 |
|            |                         |            |     | 1       | 5         | 22.30                 |
|            |                         |            |     | 3       | 0         | 21.88                 |
|            |                         |            |     | 3       | 1         | 21.85                 |
|            |                         |            |     | 3       | 3         | 21.84                 |
|            |                         |            |     | 6       | 0         | 20.83                 |
|            | 707.5                   | 23095      |     | 1       | 0         | 21.78                 |
|            |                         |            |     | 1       | 3         | 21.82                 |
|            |                         |            |     | 1       | 5         | 21.82                 |
|            |                         |            |     | 3       | 0         | 21.75                 |
|            |                         |            |     | 3       | 1         | 21.84                 |
|            |                         |            |     | 3       | 3         | 21.94                 |
|            |                         |            |     | 6       | 0         | 20.98                 |
|            | 715.3                   | 23173      |     | 1       | 0         | 21.64                 |
|            |                         |            |     | 1       | 3         | 21.60                 |
|            |                         |            |     | 1       | 5         | 21.59                 |
|            |                         |            |     | 3       | 0         | 21.70                 |
|            |                         |            |     | 3       | 1         | 21.55                 |
|            |                         |            |     | 3       | 3         | 21.71                 |
|            |                         |            |     | 6       | 0         | 20.66                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 700.5                   | 23025      | 3  | 1       | 0         | 23.77                 |
|            |                         |            |    | 1       | 8         | 23.57                 |
|            |                         |            |    | 1       | 14        | 23.74                 |
|            |                         |            |    | 8       | 0         | 22.91                 |
|            |                         |            |    | 8       | 4         | 22.78                 |
|            |                         |            |    | 8       | 7         | 22.78                 |
|            |                         |            |    | 15      | 0         | 22.80                 |
|            | 707.5                   | 23095      |    | 1       | 0         | 23.93                 |
|            |                         |            |    | 1       | 8         | 23.85                 |
|            |                         |            |    | 1       | 14        | 23.83                 |
|            |                         |            |    | 8       | 0         | 22.84                 |
|            |                         |            |    | 8       | 4         | 22.89                 |
|            |                         |            |    | 8       | 7         | 22.76                 |
|            |                         |            |    | 15      | 0         | 22.78                 |
|            | 714.5                   | 23165      |    | 1       | 0         | 23.77                 |
|            |                         |            |    | 1       | 8         | 23.57                 |
|            |                         |            |    | 1       | 14        | 23.66                 |
|            |                         |            |    | 8       | 0         | 22.77                 |
|            |                         |            |    | 8       | 4         | 22.73                 |
|            |                         |            |    | 8       | 7         | 22.70                 |
|            |                         |            |    | 15      | 0         | 22.83                 |
| 16QAM      | 700.5                   | 23025      | 1  | 0       | 23.43     |                       |
|            |                         |            | 1  | 8       | 23.41     |                       |
|            |                         |            | 1  | 14      | 23.45     |                       |
|            |                         |            | 8  | 0       | 22.04     |                       |
|            |                         |            | 8  | 4       | 21.99     |                       |
|            |                         |            | 8  | 7       | 22.06     |                       |
|            |                         |            | 15 | 0       | 21.94     |                       |
|            | 707.5                   | 23095      | 1  | 0       | 22.85     |                       |
|            |                         |            | 1  | 8       | 23.09     |                       |
|            |                         |            | 1  | 14      | 22.87     |                       |
|            |                         |            | 8  | 0       | 21.95     |                       |
|            |                         |            | 8  | 4       | 21.88     |                       |
|            |                         |            | 8  | 7       | 21.82     |                       |
|            |                         |            | 15 | 0       | 21.75     |                       |
|            | 714.5                   | 23165      | 1  | 0       | 23.02     |                       |
|            |                         |            | 1  | 8       | 22.80     |                       |
|            |                         |            | 1  | 14      | 22.78     |                       |
|            |                         |            | 8  | 0       | 21.81     |                       |
|            |                         |            | 8  | 4       | 21.72     |                       |
|            |                         |            | 8  | 7       | 21.72     |                       |
|            |                         |            | 15 | 0       | 21.85     |                       |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 64QAM      | 700.5                   | 23025      | 3  | 1       | 0         | 22.23                 |
|            |                         |            |    | 1       | 8         | 22.03                 |
|            |                         |            |    | 1       | 14        | 22.20                 |
|            |                         |            |    | 8       | 0         | 21.04                 |
|            |                         |            |    | 8       | 4         | 20.96                 |
|            |                         |            |    | 8       | 7         | 20.95                 |
|            |                         |            |    | 15      | 0         | 20.89                 |
|            | 707.5                   | 23095      |    | 1       | 0         | 21.92                 |
|            |                         |            |    | 1       | 8         | 21.88                 |
|            |                         |            |    | 1       | 14        | 21.88                 |
|            |                         |            |    | 8       | 0         | 20.75                 |
|            |                         |            |    | 8       | 4         | 20.75                 |
|            |                         |            |    | 8       | 7         | 20.76                 |
|            |                         |            |    | 15      | 0         | 21.03                 |
|            | 714.5                   | 23165      |    | 1       | 0         | 21.80                 |
|            |                         |            |    | 1       | 8         | 21.55                 |
|            |                         |            |    | 1       | 14        | 21.63                 |
|            |                         |            |    | 8       | 0         | 20.79                 |
|            |                         |            |    | 8       | 4         | 20.68                 |
|            |                         |            |    | 8       | 7         | 20.73                 |
|            |                         |            |    | 15      | 0         | 20.84                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 701.5                   | 23035      | 5  | 1       | 0         | 23.77                 |
|            |                         |            |    | 1       | 12        | 23.69                 |
|            |                         |            |    | 1       | 24        | 23.72                 |
|            |                         |            |    | 12      | 0         | 22.90                 |
|            |                         |            |    | 12      | 7         | 22.79                 |
|            |                         |            |    | 12      | 13        | 22.77                 |
|            |                         |            |    | 25      | 0         | 22.80                 |
|            | 707.5                   | 23095      |    | 1       | 0         | 23.76                 |
|            |                         |            |    | 1       | 12        | 23.74                 |
|            |                         |            |    | 1       | 24        | 23.65                 |
|            |                         |            |    | 12      | 0         | 22.86                 |
|            |                         |            |    | 12      | 7         | 22.80                 |
|            |                         |            |    | 12      | 13        | 22.77                 |
|            |                         |            |    | 25      | 0         | 22.81                 |
|            | 713.5                   | 23155      |    | 1       | 0         | 23.71                 |
|            |                         |            |    | 1       | 12        | 23.65                 |
|            |                         |            |    | 1       | 24        | 23.62                 |
|            |                         |            |    | 12      | 0         | 22.79                 |
|            |                         |            |    | 12      | 7         | 22.72                 |
|            |                         |            |    | 12      | 13        | 22.71                 |
|            |                         |            |    | 25      | 0         | 22.71                 |
| 16QAM      | 701.5                   | 23035      | 1  | 0       | 22.80     |                       |
|            |                         |            | 1  | 12      | 22.86     |                       |
|            |                         |            | 1  | 24      | 22.58     |                       |
|            |                         |            | 12 | 0       | 21.98     |                       |
|            |                         |            | 12 | 7       | 21.71     |                       |
|            |                         |            | 12 | 13      | 21.69     |                       |
|            |                         |            | 25 | 0       | 22.00     |                       |
|            | 707.5                   | 23095      | 1  | 0       | 23.11     |                       |
|            |                         |            | 1  | 12      | 22.92     |                       |
|            |                         |            | 1  | 24      | 23.13     |                       |
|            |                         |            | 12 | 0       | 21.87     |                       |
|            |                         |            | 12 | 7       | 21.96     |                       |
|            |                         |            | 12 | 13      | 21.89     |                       |
|            |                         |            | 25 | 0       | 21.78     |                       |
|            | 713.5                   | 23155      | 1  | 0       | 22.82     |                       |
|            |                         |            | 1  | 12      | 22.90     |                       |
|            |                         |            | 1  | 24      | 22.86     |                       |
|            |                         |            | 12 | 0       | 21.75     |                       |
|            |                         |            | 12 | 7       | 21.77     |                       |
|            |                         |            | 12 | 13      | 21.73     |                       |
|            |                         |            | 25 | 0       | 21.81     |                       |

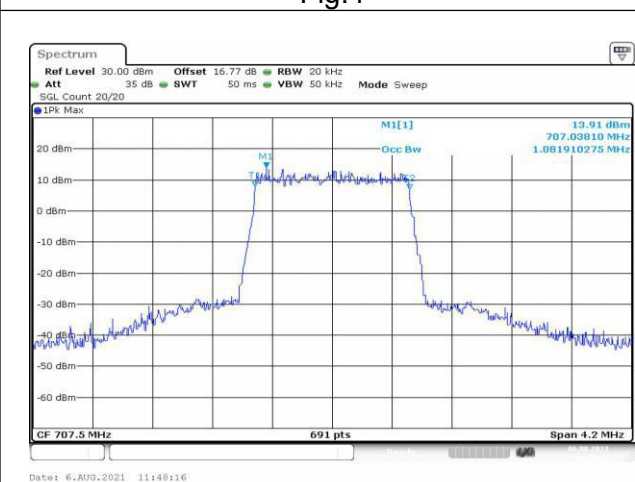
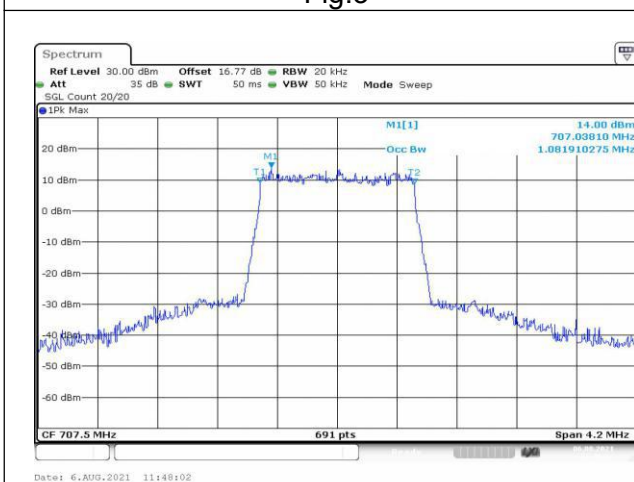
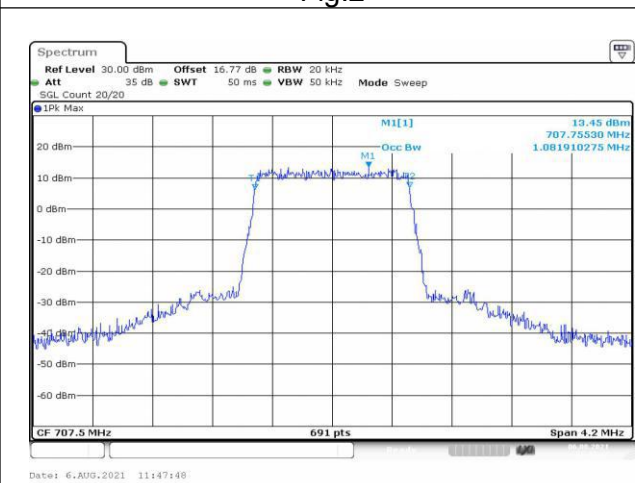
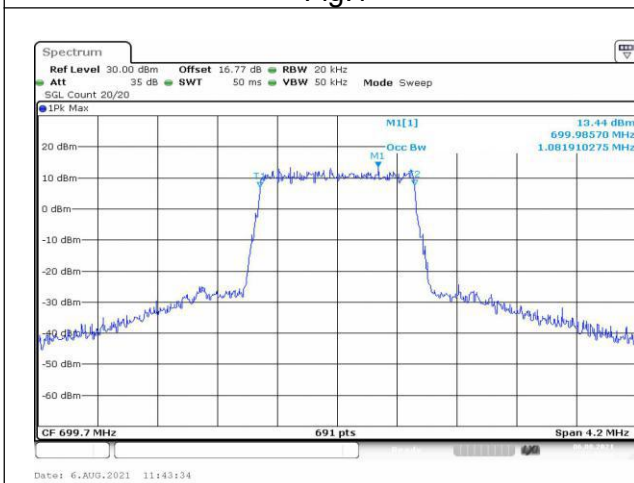
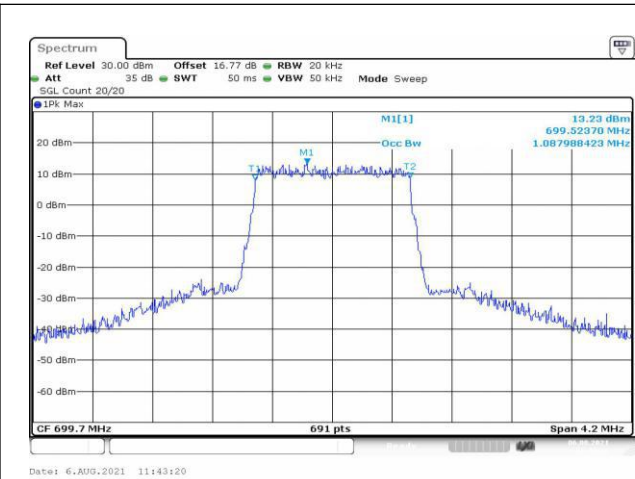
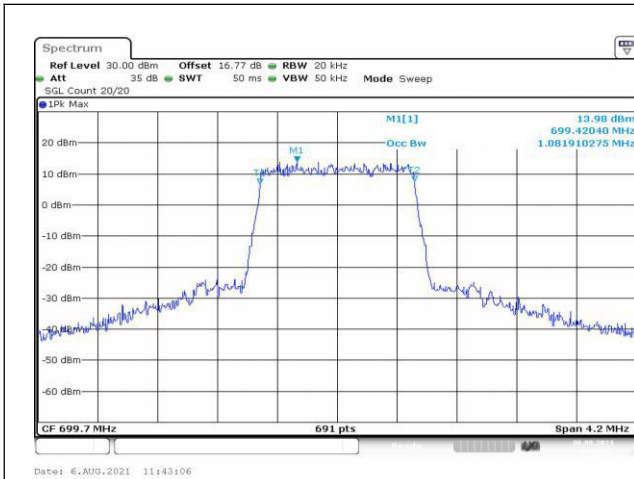
| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 64QAM      | 701.5                   | 23035      | 5  | 1       | 0         | 21.85                 |
|            |                         |            |    | 1       | 12        | 21.82                 |
|            |                         |            |    | 1       | 24        | 21.86                 |
|            |                         |            |    | 12      | 0         | 20.85                 |
|            |                         |            |    | 12      | 7         | 20.70                 |
|            |                         |            |    | 12      | 13        | 20.83                 |
|            |                         |            |    | 25      | 0         | 20.89                 |
|            | 707.5                   | 23095      |    | 1       | 0         | 21.85                 |
|            |                         |            |    | 1       | 12        | 21.84                 |
|            |                         |            |    | 1       | 24        | 21.82                 |
|            |                         |            |    | 12      | 0         | 20.94                 |
|            |                         |            |    | 12      | 7         | 20.87                 |
|            |                         |            |    | 12      | 13        | 20.91                 |
|            |                         |            |    | 25      | 0         | 20.82                 |
|            | 713.5                   | 23155      |    | 1       | 0         | 21.71                 |
|            |                         |            |    | 1       | 12        | 21.71                 |
|            |                         |            |    | 1       | 24        | 21.75                 |
|            |                         |            |    | 12      | 0         | 20.89                 |
|            |                         |            |    | 12      | 7         | 20.85                 |
|            |                         |            |    | 12      | 13        | 20.85                 |
|            |                         |            |    | 25      | 0         | 20.71                 |

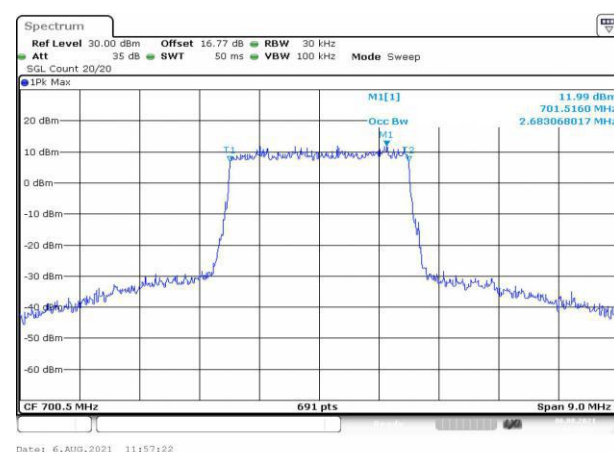
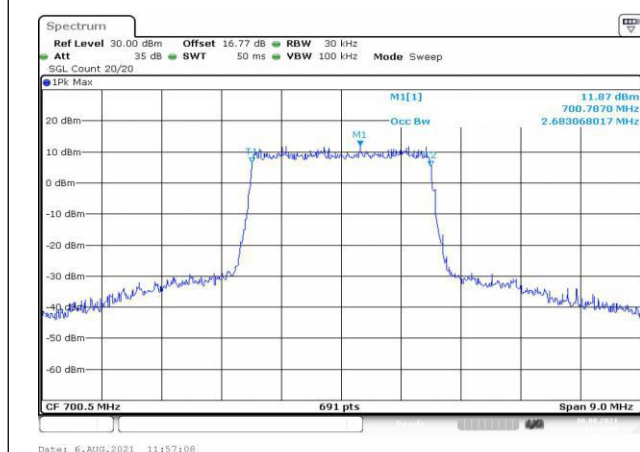
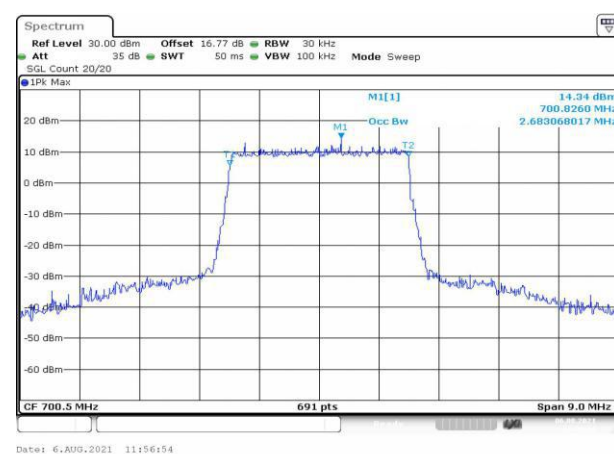
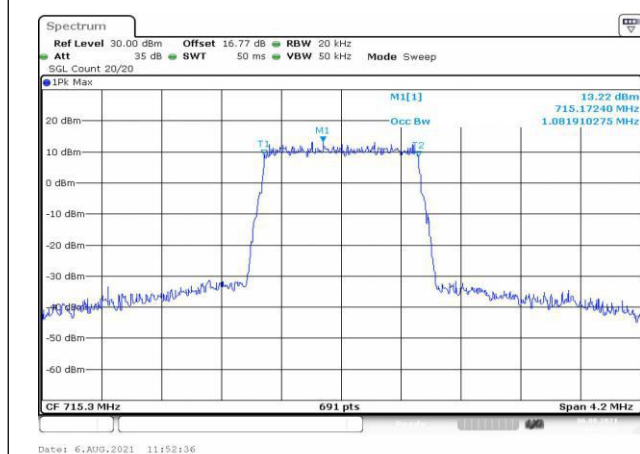
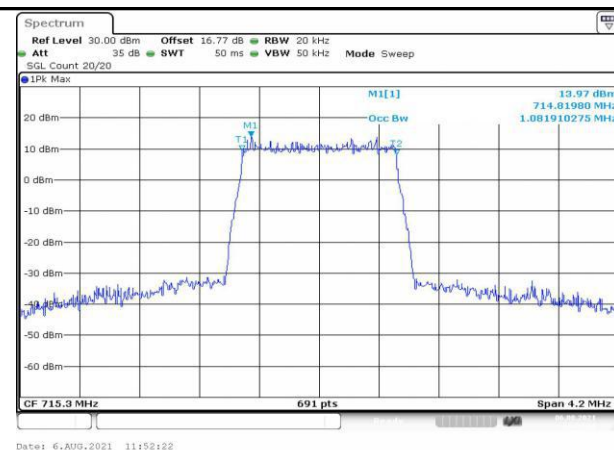
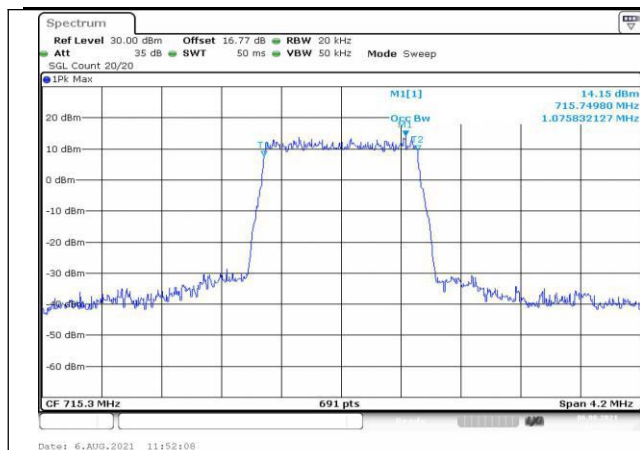
| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 704                     | 23060      | 10 | 1       | 0         | 23.90                 |
|            |                         |            |    | 1       | 25        | 23.73                 |
|            |                         |            |    | 1       | 49        | 23.69                 |
|            |                         |            |    | 25      | 0         | 22.86                 |
|            |                         |            |    | 25      | 12        | 22.86                 |
|            |                         |            |    | 25      | 25        | 22.93                 |
|            |                         |            |    | 50      | 0         | 22.94                 |
|            | 707.5                   | 23095      |    | 1       | 0         | 23.76                 |
|            |                         |            |    | 1       | 25        | 23.77                 |
|            |                         |            |    | 1       | 49        | 23.72                 |
|            |                         |            |    | 25      | 0         | 22.89                 |
|            |                         |            |    | 25      | 12        | 22.83                 |
|            |                         |            |    | 25      | 25        | 22.83                 |
|            |                         |            |    | 50      | 0         | 22.75                 |
|            | 711                     | 23130      |    | 1       | 0         | 23.77                 |
|            |                         |            |    | 1       | 25        | 23.64                 |
|            |                         |            |    | 1       | 49        | 23.61                 |
|            |                         |            |    | 25      | 0         | 22.88                 |
|            |                         |            |    | 25      | 12        | 22.68                 |
|            |                         |            |    | 25      | 25        | 22.74                 |
|            |                         |            |    | 50      | 0         | 22.87                 |
| 16QAM      | 704                     | 23060      | 1  | 0       | 23.65     |                       |
|            |                         |            | 1  | 25      | 23.41     |                       |
|            |                         |            | 1  | 49      | 23.54     |                       |
|            |                         |            | 25 | 0       | 21.97     |                       |
|            |                         |            | 25 | 12      | 21.88     |                       |
|            |                         |            | 25 | 25      | 21.95     |                       |
|            |                         |            | 50 | 0       | 21.94     |                       |
|            | 707.5                   | 23095      | 1  | 0       | 23.01     |                       |
|            |                         |            | 1  | 25      | 22.93     |                       |
|            |                         |            | 1  | 49      | 22.82     |                       |
|            |                         |            | 25 | 0       | 21.91     |                       |
|            |                         |            | 25 | 12      | 21.89     |                       |
|            |                         |            | 25 | 25      | 21.83     |                       |
|            |                         |            | 50 | 0       | 21.88     |                       |
|            | 711                     | 23130      | 1  | 0       | 22.91     |                       |
|            |                         |            | 1  | 25      | 22.72     |                       |
|            |                         |            | 1  | 49      | 22.68     |                       |
|            |                         |            | 25 | 0       | 21.96     |                       |
|            |                         |            | 25 | 12      | 21.88     |                       |
|            |                         |            | 25 | 25      | 21.88     |                       |
|            |                         |            | 50 | 0       | 21.83     |                       |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| 64QAM      | 704                     | 23060      | 10 | 1       | 0         | 22.29                 |
|            |                         |            |    | 1       | 25        | 22.27                 |
|            |                         |            |    | 1       | 49        | 22.30                 |
|            |                         |            |    | 25      | 0         | 20.91                 |
|            |                         |            |    | 25      | 12        | 20.86                 |
|            |                         |            |    | 25      | 25        | 20.90                 |
|            |                         |            |    | 50      | 0         | 20.94                 |
|            | 707.5                   | 23095      |    | 1       | 0         | 21.74                 |
|            |                         |            |    | 1       | 25        | 21.89                 |
|            |                         |            |    | 1       | 49        | 21.84                 |
|            |                         |            |    | 25      | 0         | 20.90                 |
|            |                         |            |    | 25      | 12        | 20.93                 |
|            |                         |            |    | 25      | 25        | 20.93                 |
|            |                         |            |    | 50      | 0         | 20.84                 |
|            | 711                     | 23130      |    | 1       | 0         | 21.70                 |
|            |                         |            |    | 1       | 25        | 21.46                 |
|            |                         |            |    | 1       | 49        | 21.65                 |
|            |                         |            |    | 25      | 0         | 20.87                 |
|            |                         |            |    | 25      | 12        | 20.89                 |
|            |                         |            |    | 25      | 25        | 20.89                 |
|            |                         |            |    | 50      | 0         | 20.98                 |

## 2 Occupied Bandwidth

| Band | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of 99% Power (MHz) |        |        |        |        |        |
|------|-------------------------|---------|----------|---------|-----------|------------------------------|--------|--------|--------|--------|--------|
|      |                         |         |          |         |           | QPSK                         |        | 16-QAM |        | 64-QAM |        |
| 12   | 699.7                   | 23017   | 1.4      | 6       | 0         | 1.082                        | Fig.1  | 1.088  | Fig.2  | 1.082  | Fig.3  |
|      | 707.5                   | 23095   |          | 6       | 0         | 1.082                        | Fig.4  | 1.082  | Fig.5  | 1.082  | Fig.6  |
|      | 715.3                   | 23173   |          | 6       | 0         | 1.076                        | Fig.7  | 1.082  | Fig.8  | 1.082  | Fig.9  |
|      | 700.5                   | 23025   | 3        | 15      | 0         | 2.683                        | Fig.10 | 2.683  | Fig.11 | 2.683  | Fig.12 |
|      | 707.5                   | 23095   |          | 15      | 0         | 2.683                        | Fig.13 | 2.683  | Fig.14 | 2.683  | Fig.15 |
|      | 714.5                   | 23165   |          | 15      | 0         | 2.683                        | Fig.16 | 2.683  | Fig.17 | 2.683  | Fig.18 |
|      | 701.5                   | 23035   | 5        | 25      | 0         | 4.472                        | Fig.19 | 4.472  | Fig.20 | 4.472  | Fig.21 |
|      | 707.5                   | 23095   |          | 25      | 0         | 4.472                        | Fig.22 | 4.472  | Fig.23 | 4.472  | Fig.24 |
|      | 713.5                   | 23155   |          | 25      | 0         | 4.472                        | Fig.25 | 4.472  | Fig.26 | 4.472  | Fig.27 |
|      | 704                     | 23060   | 10       | 50      | 0         | 8.944                        | Fig.28 | 8.944  | Fig.29 | 8.944  | Fig.30 |
|      | 707.5                   | 23095   |          | 50      | 0         | 8.944                        | Fig.31 | 8.944  | Fig.32 | 8.944  | Fig.33 |
|      | 711                     | 23130   |          | 50      | 0         | 8.944                        | Fig.34 | 8.944  | Fig.35 | 8.944  | Fig.36 |





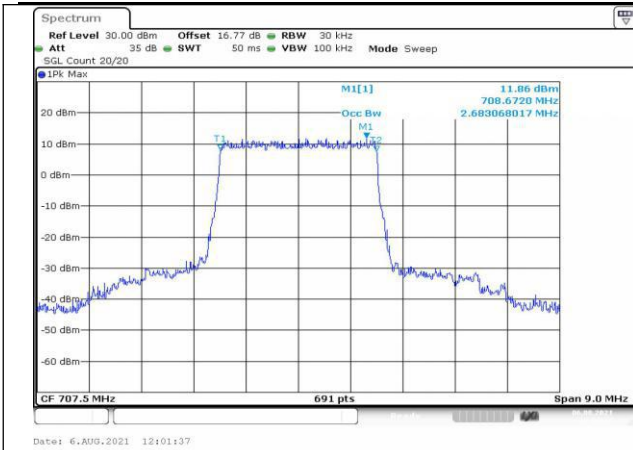


Fig.13

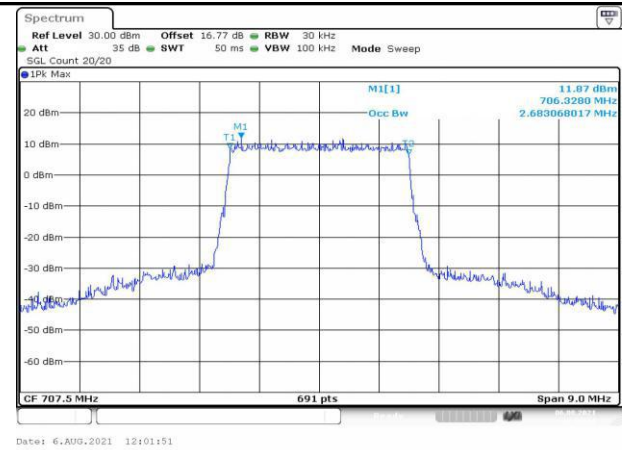


Fig.14

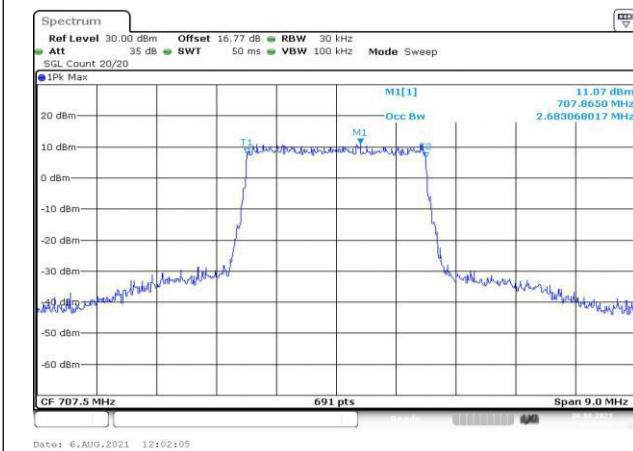


Fig.15

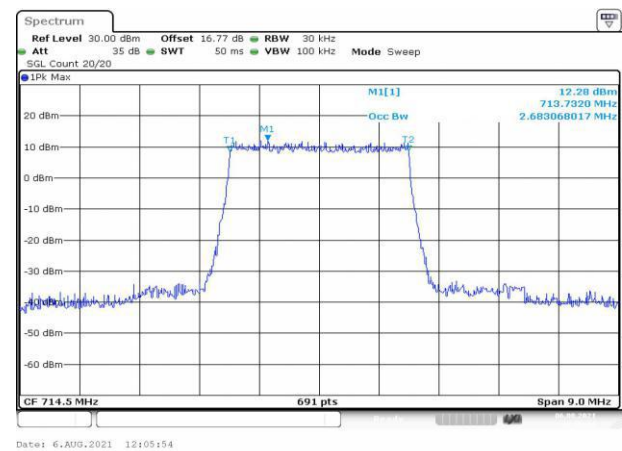


Fig.16

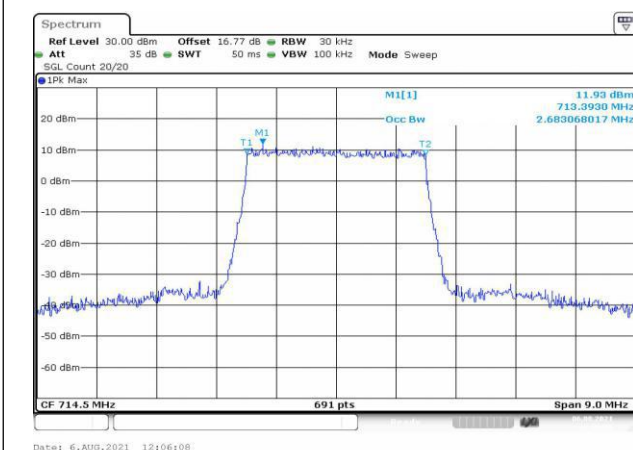


Fig.17

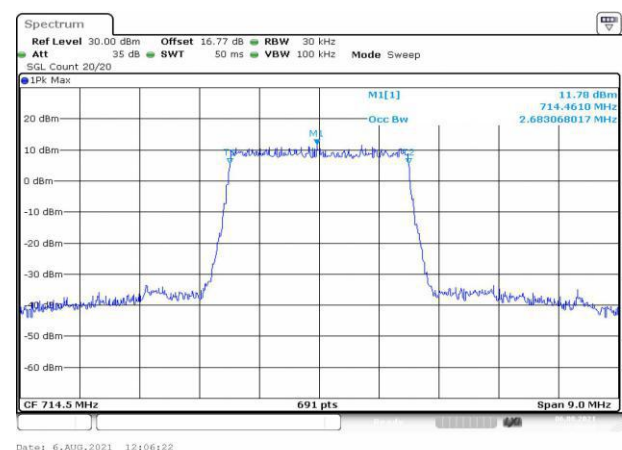
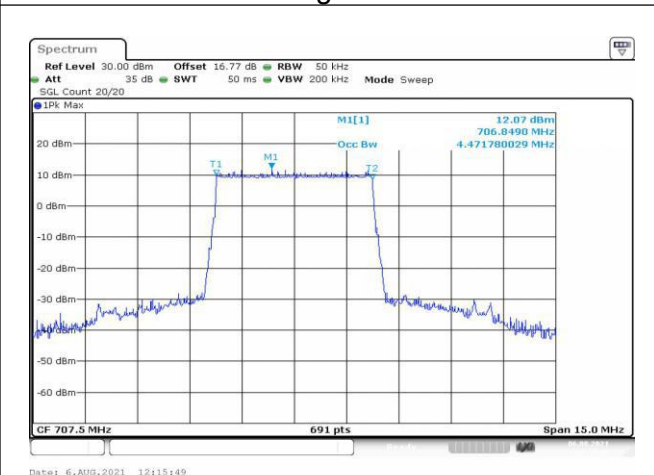
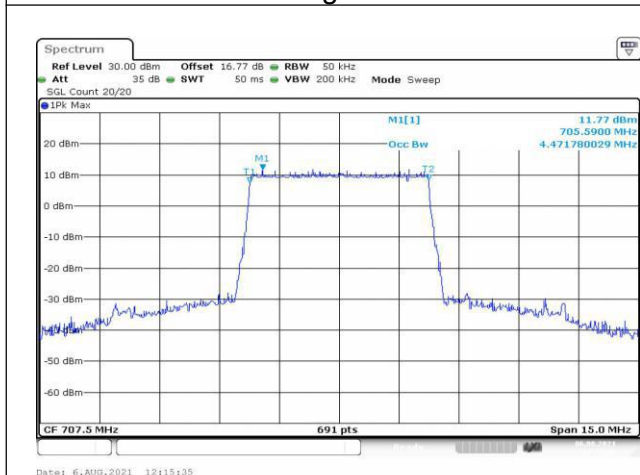
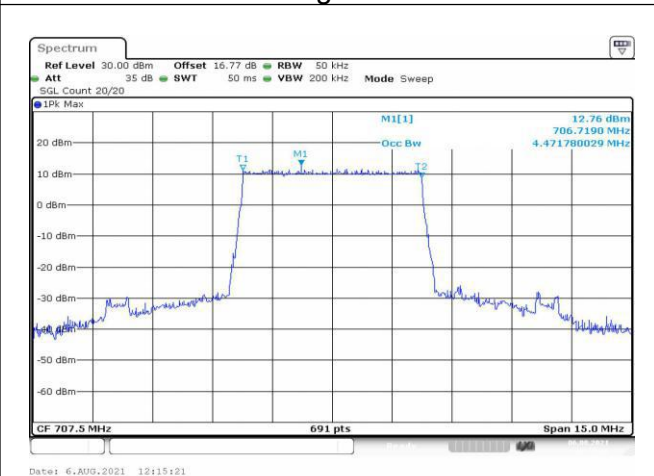
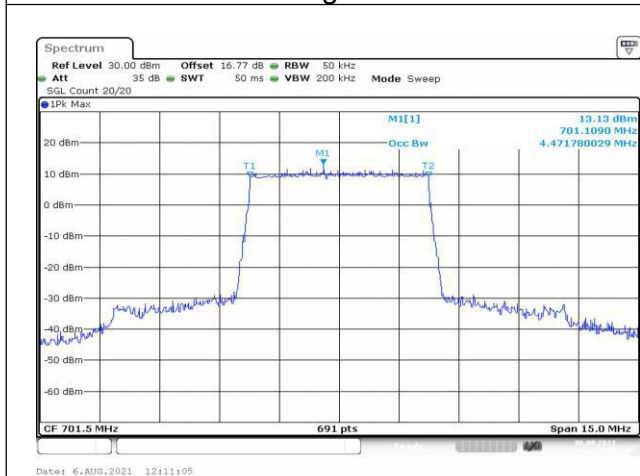
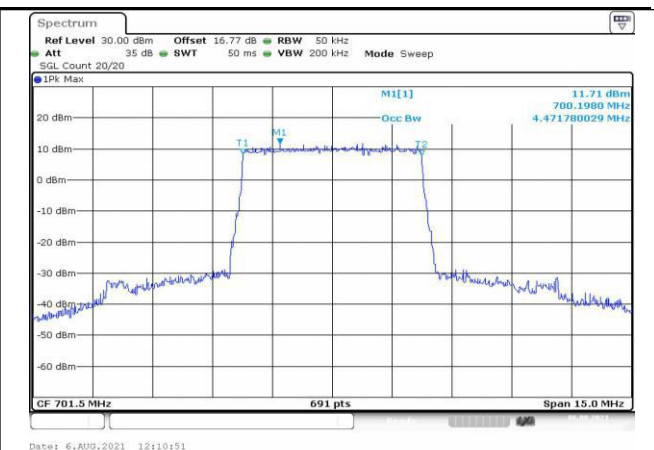
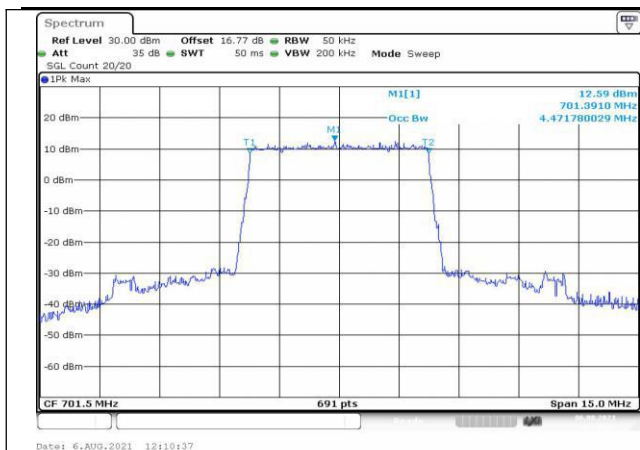
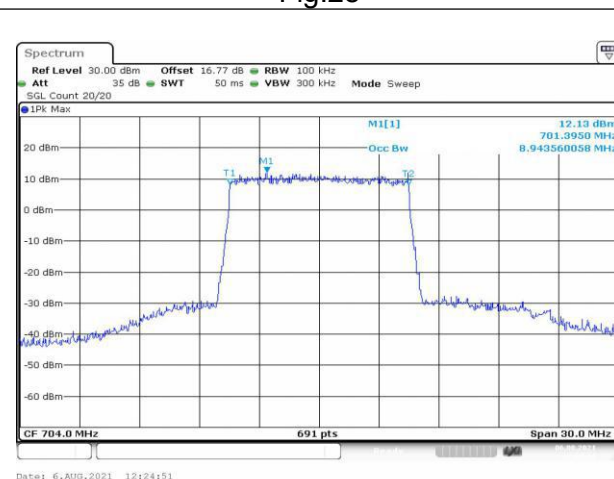
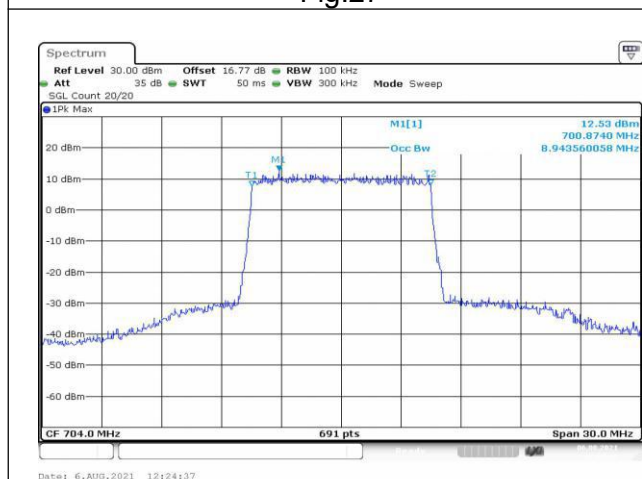
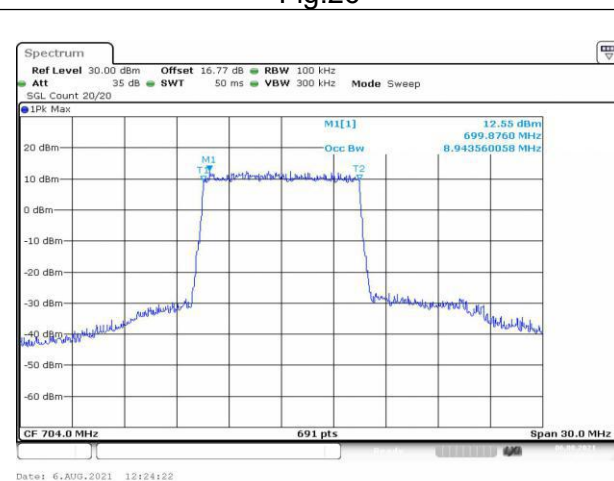
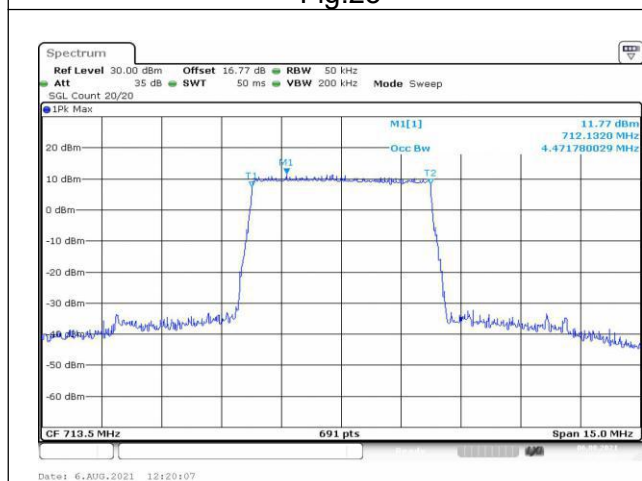
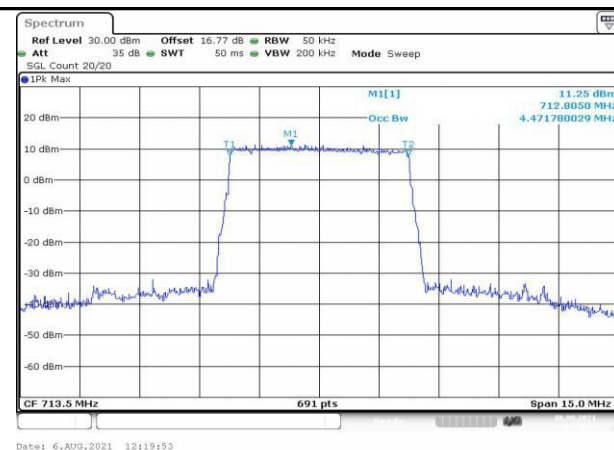
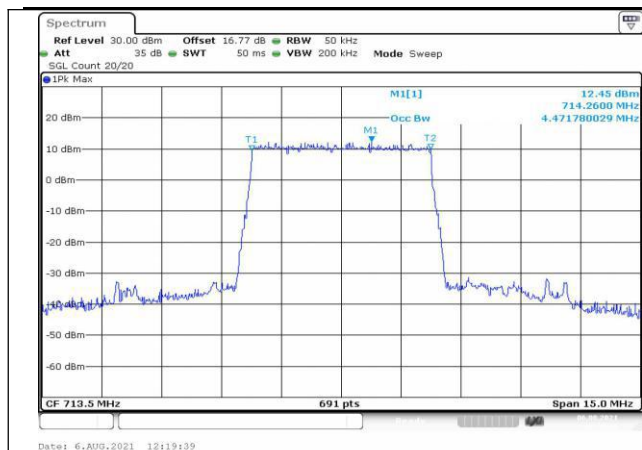
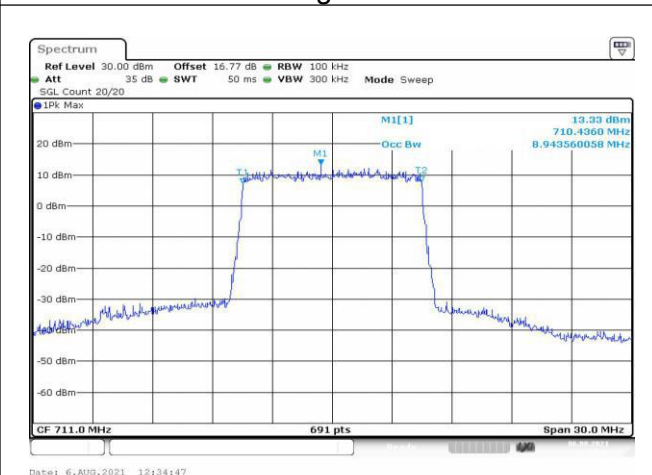
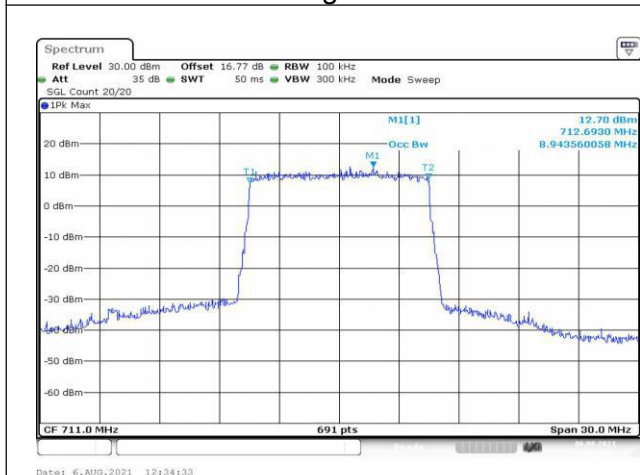
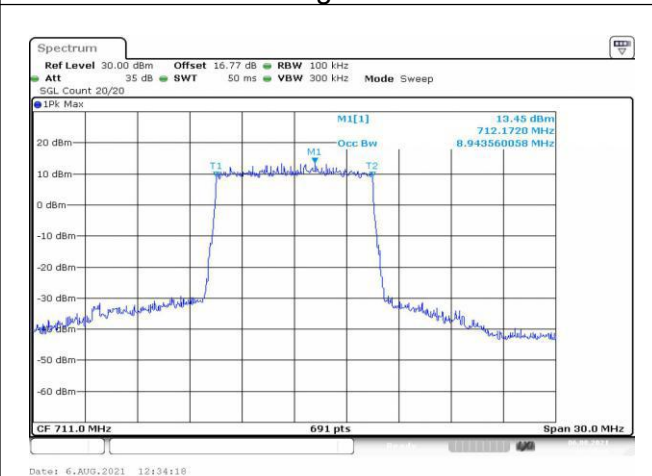
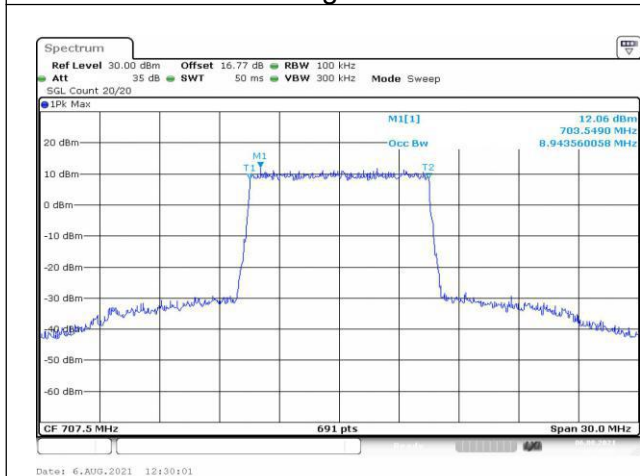
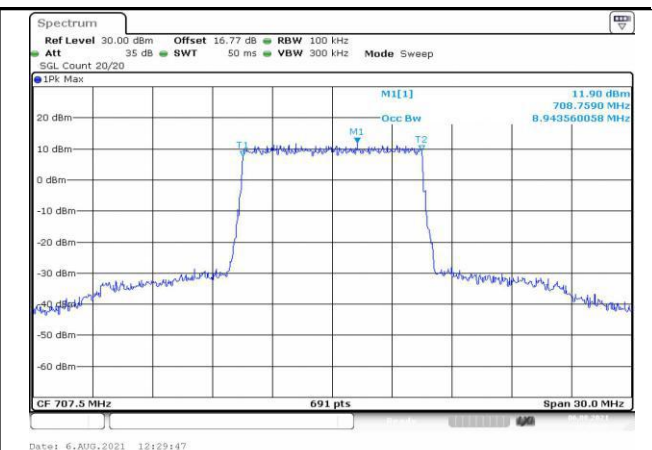
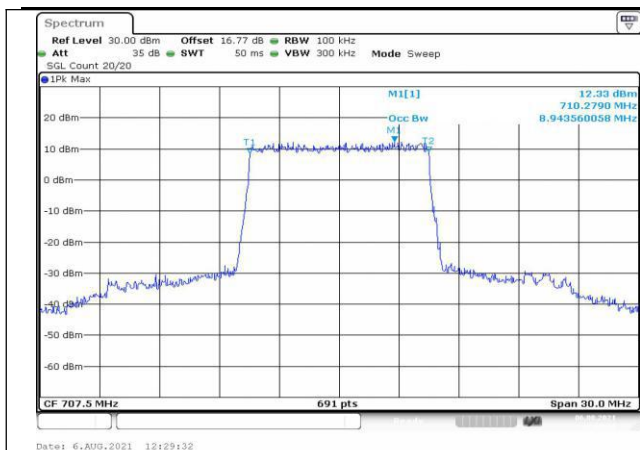


Fig.18







### 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 |        |
| 12   | 699.7                   | 23017   | 1.4      | 6       | 0         | 1.210                                      | Fig.1  | 1.216  | Fig.2  | 1.204  | Fig.3  |
|      | 707.5                   | 23095   |          | 6       | 0         | 1.216                                      | Fig.4  | 1.210  | Fig.5  | 1.204  | Fig.6  |
|      | 715.3                   | 23173   |          | 6       | 0         | 1.216                                      | Fig.7  | 1.210  | Fig.8  | 1.216  | Fig.9  |
|      | 700.5                   | 23025   | 3        | 15      | 0         | 2.878                                      | Fig.10 | 2.878  | Fig.11 | 2.931  | Fig.12 |
|      | 707.5                   | 23095   |          | 15      | 0         | 2.904                                      | Fig.13 | 2.918  | Fig.14 | 2.944  | Fig.15 |
|      | 714.5                   | 23165   |          | 15      | 0         | 2.944                                      | Fig.16 | 2.931  | Fig.17 | 2.918  | Fig.18 |
|      | 701.5                   | 23035   | 5        | 25      | 0         | 4.884                                      | Fig.19 | 4.841  | Fig.20 | 4.841  | Fig.21 |
|      | 707.5                   | 23095   |          | 25      | 0         | 4.863                                      | Fig.22 | 4.884  | Fig.23 | 4.884  | Fig.24 |
|      | 713.5                   | 23155   |          | 25      | 0         | 4.841                                      | Fig.25 | 4.884  | Fig.26 | 4.906  | Fig.27 |
|      | 704                     | 23060   | 10       | 50      | 0         | 9.638                                      | Fig.28 | 9.551  | Fig.29 | 9.551  | Fig.30 |
|      | 707.5                   | 23095   |          | 50      | 0         | 9.595                                      | Fig.31 | 9.638  | Fig.32 | 9.595  | Fig.33 |
|      | 711                     | 23130   |          | 50      | 0         | 9.551                                      | Fig.34 | 9.551  | Fig.35 | 9.595  | Fig.36 |

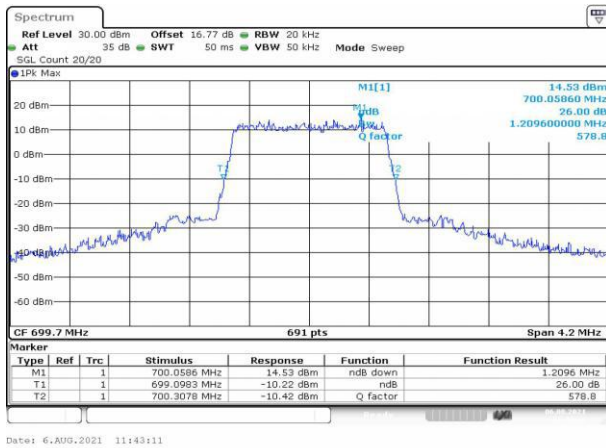


Fig.1

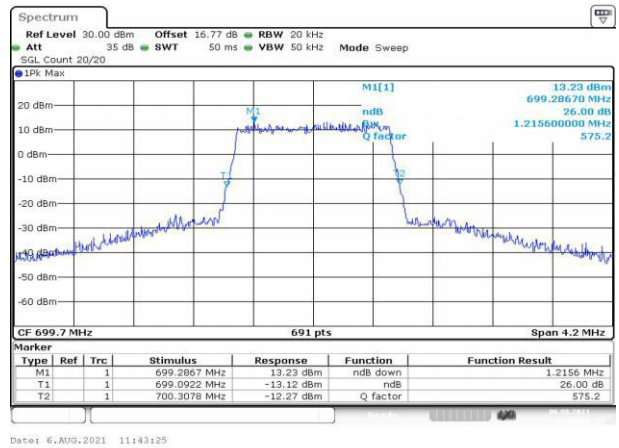


Fig.2

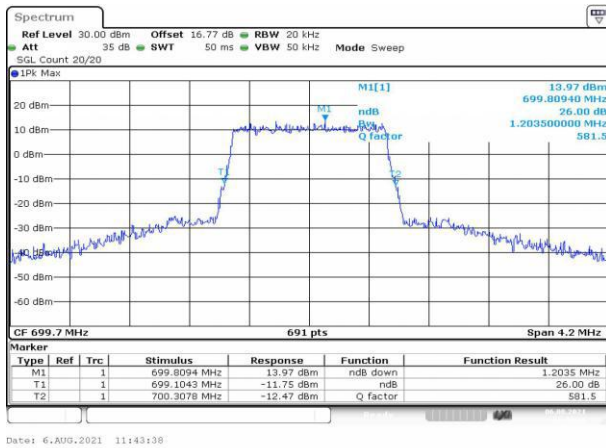


Fig.3

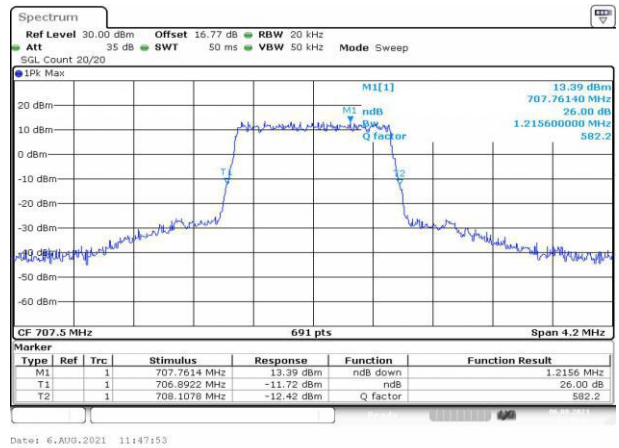


Fig.4

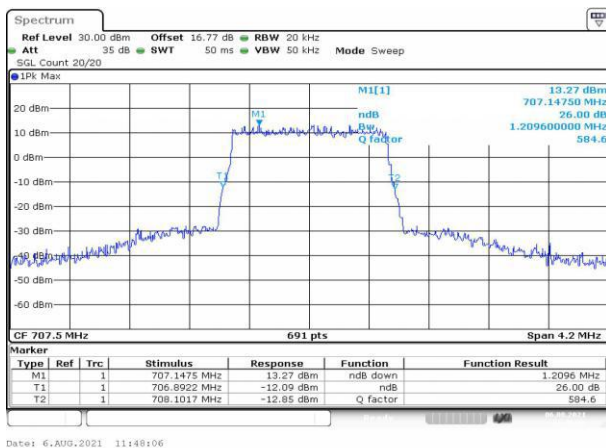


Fig.5

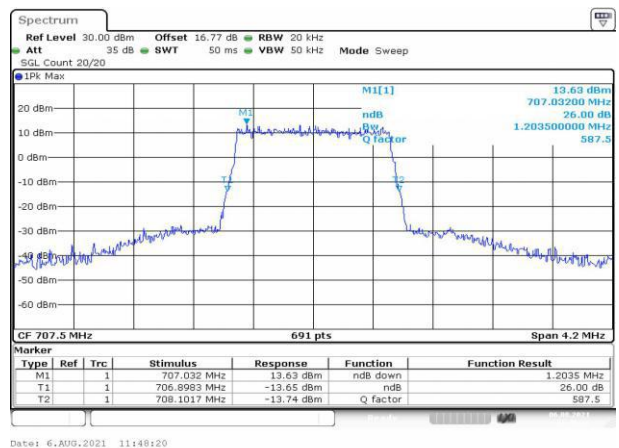


Fig.6

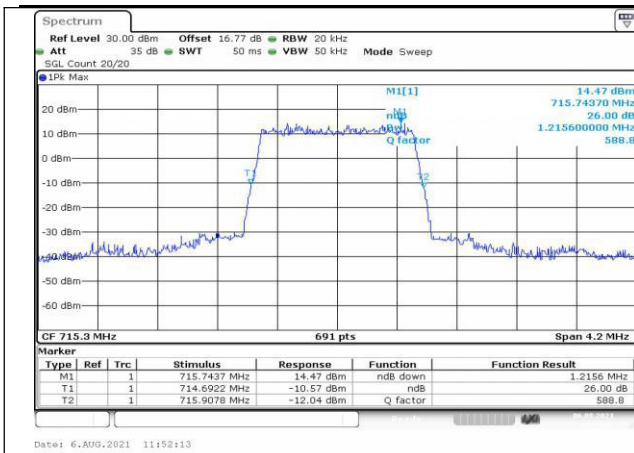


Fig.7

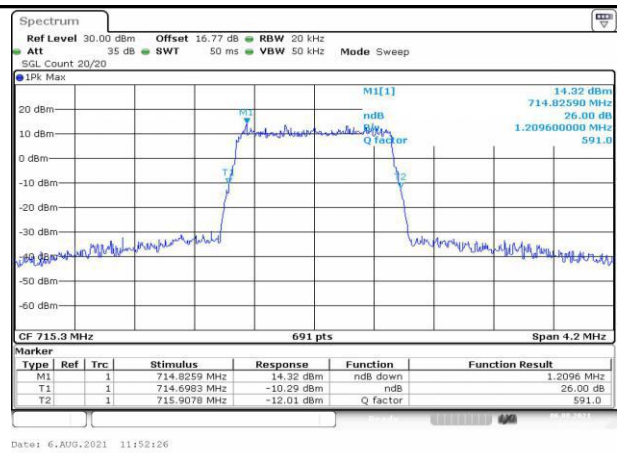


Fig.8

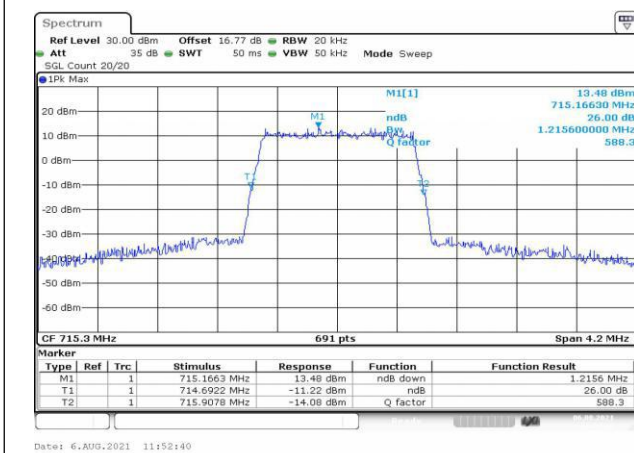


Fig.9

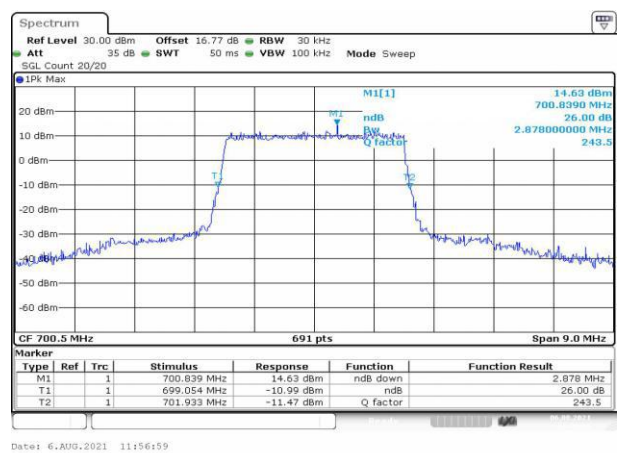


Fig.10

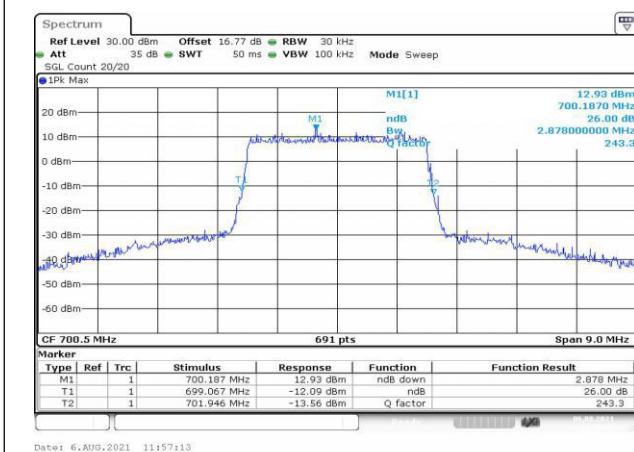


Fig.11

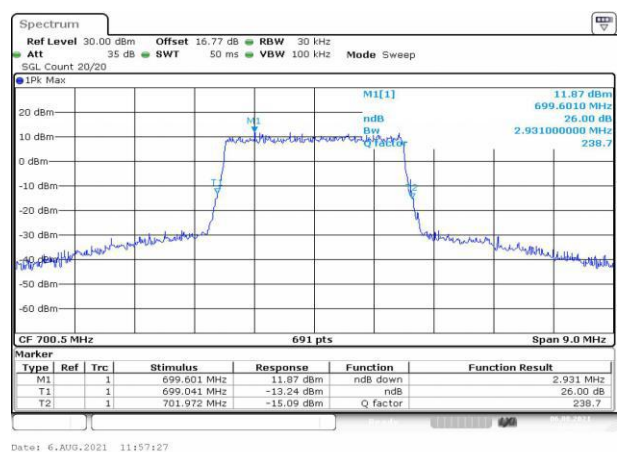


Fig.12

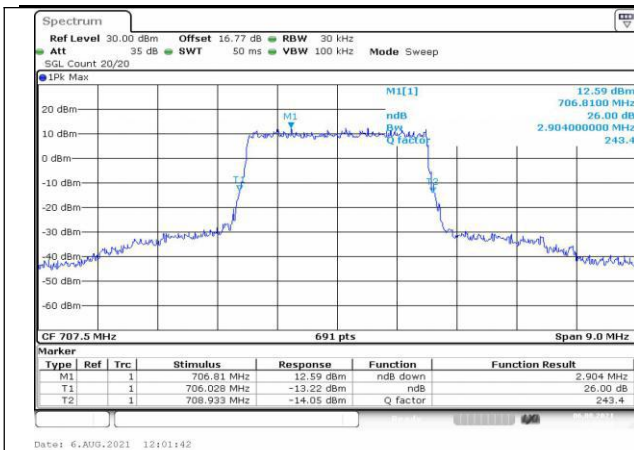


Fig.13

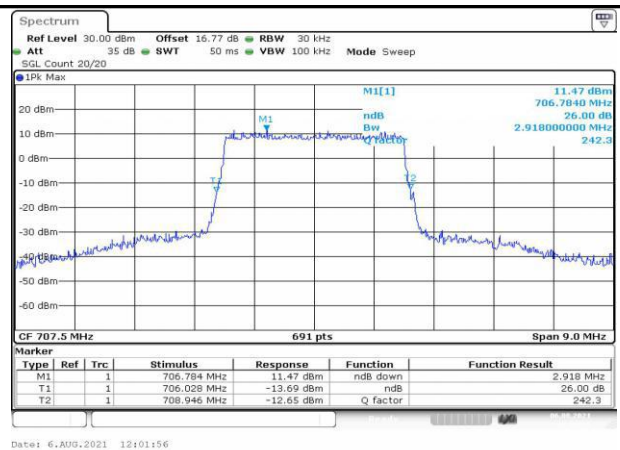


Fig.14

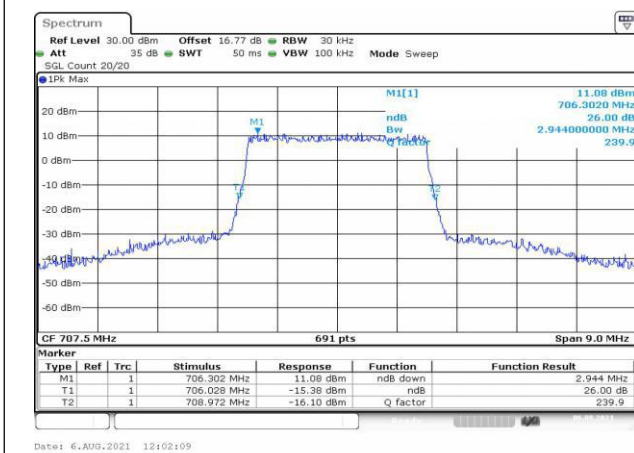


Fig.15

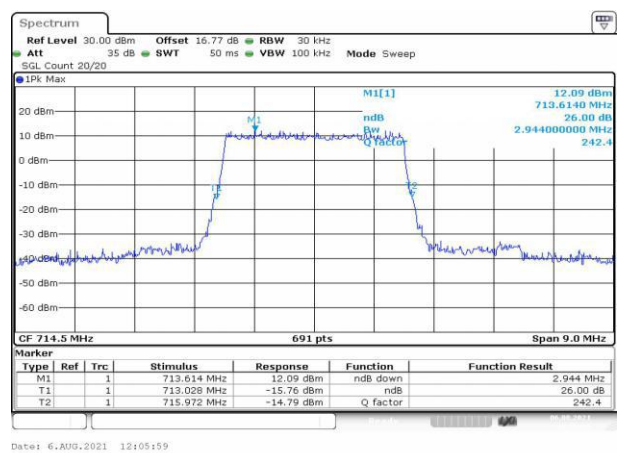


Fig.16

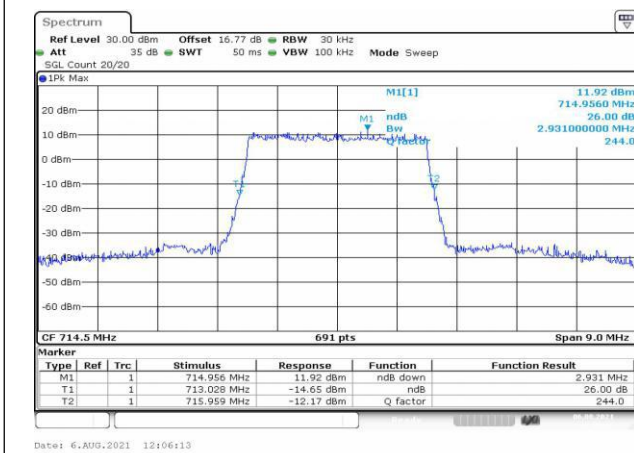


Fig.17

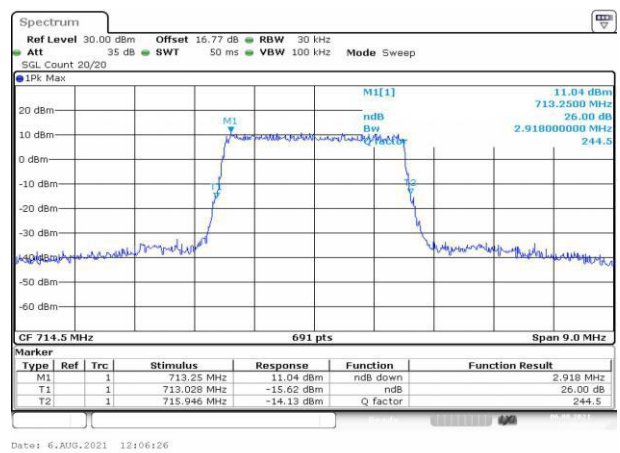


Fig.18

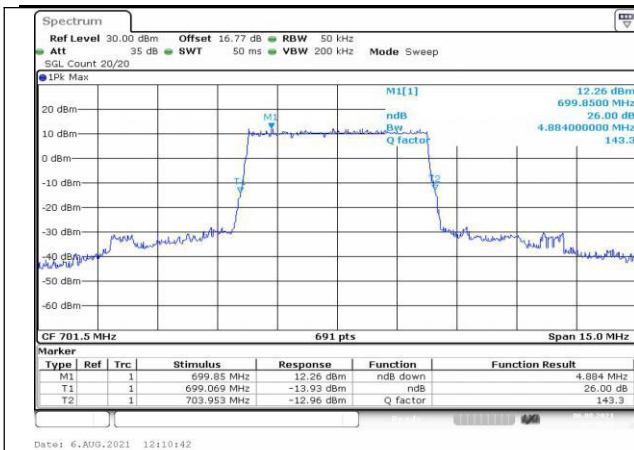


Fig.19

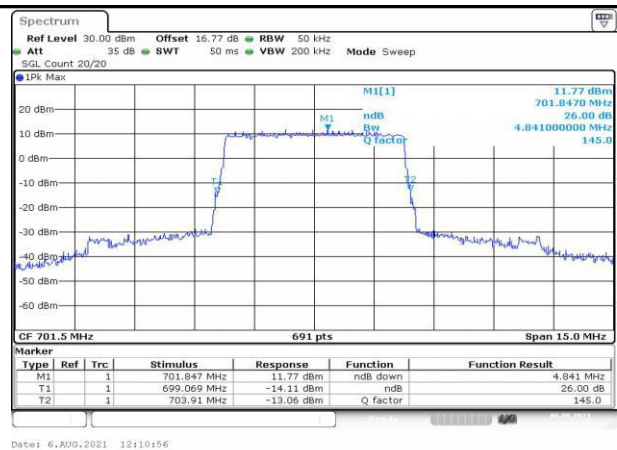


Fig.20

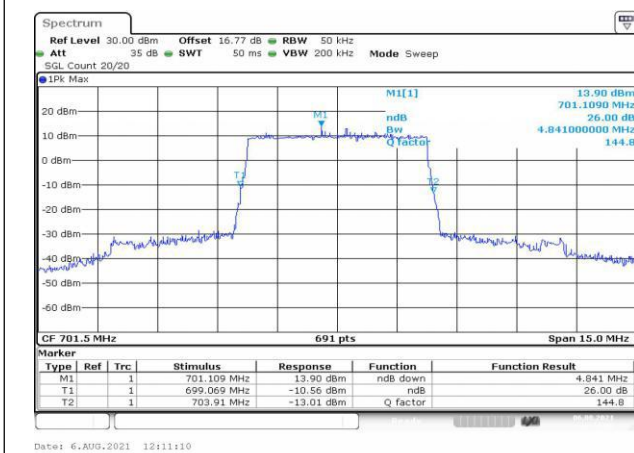


Fig.21

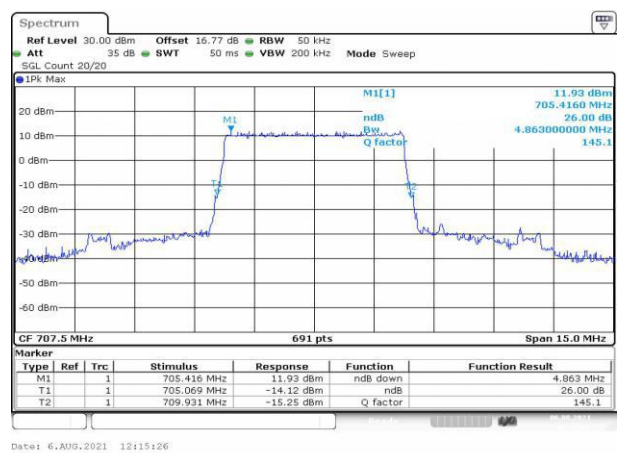


Fig.22

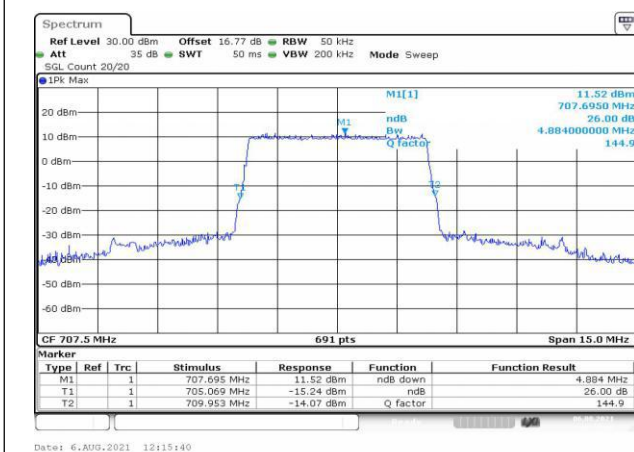


Fig.23

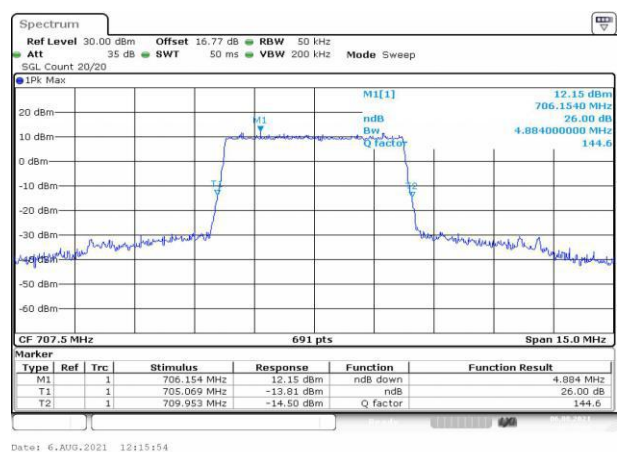


Fig.24

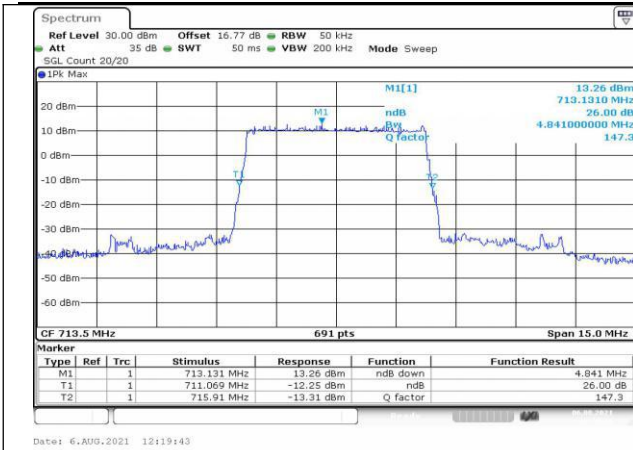


Fig.25

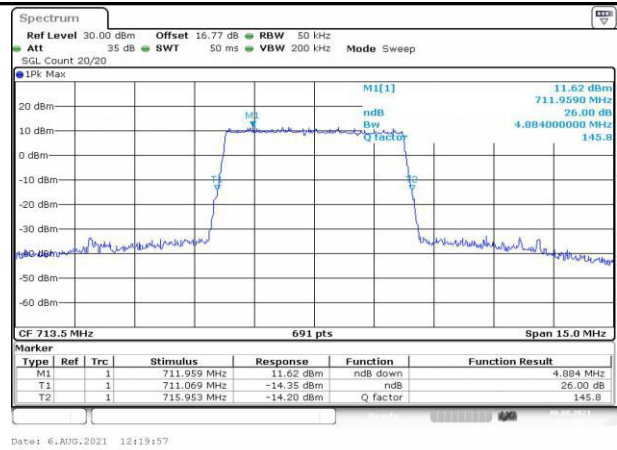


Fig.26

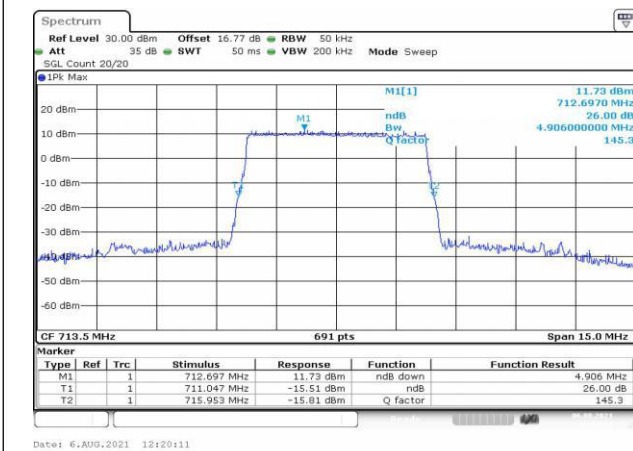


Fig.27

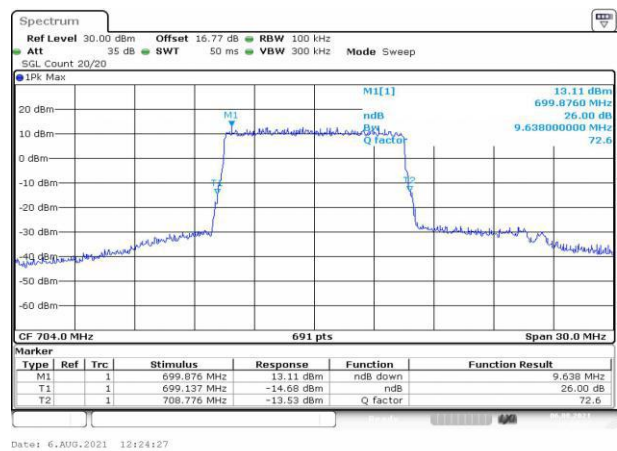


Fig.28

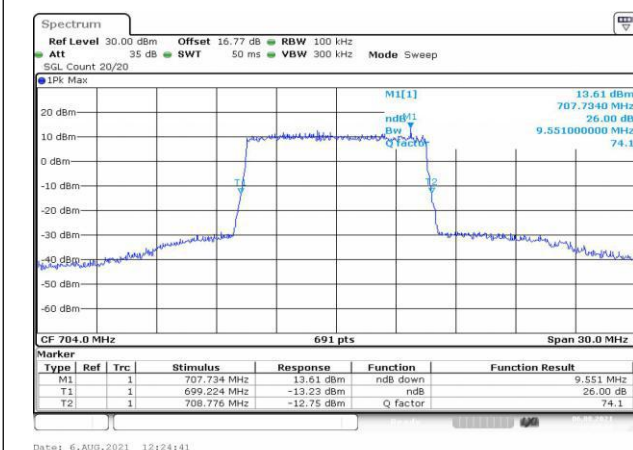


Fig.29

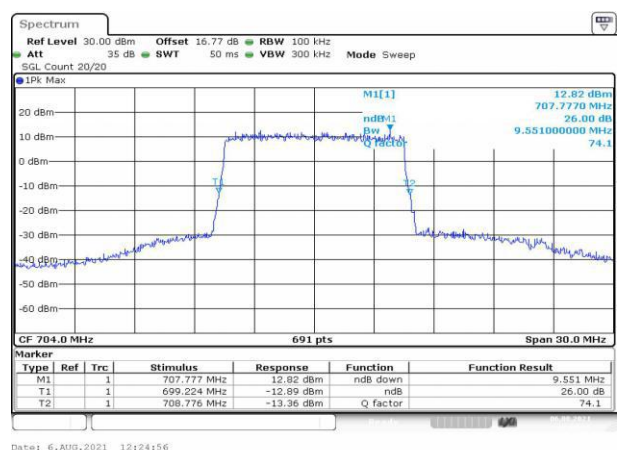


Fig.30

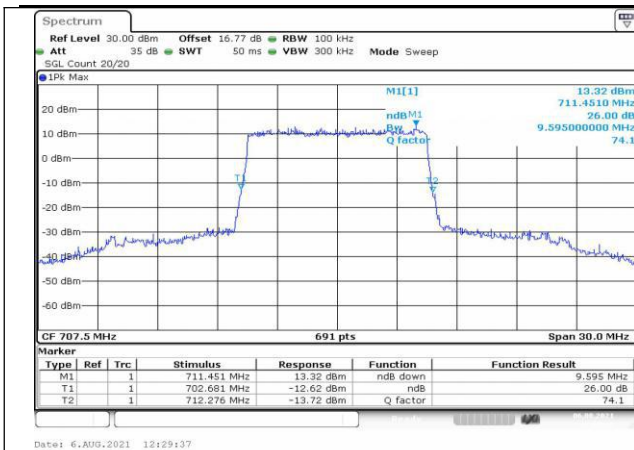


Fig.31

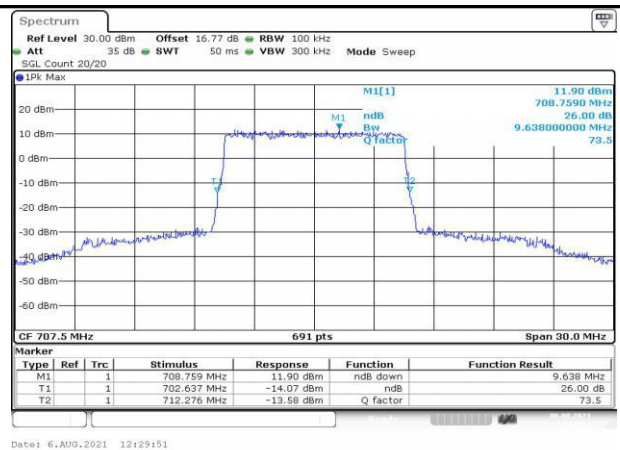


Fig.32

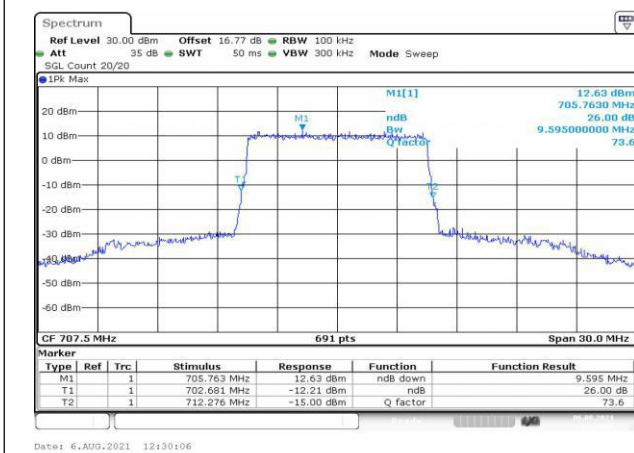


Fig.33

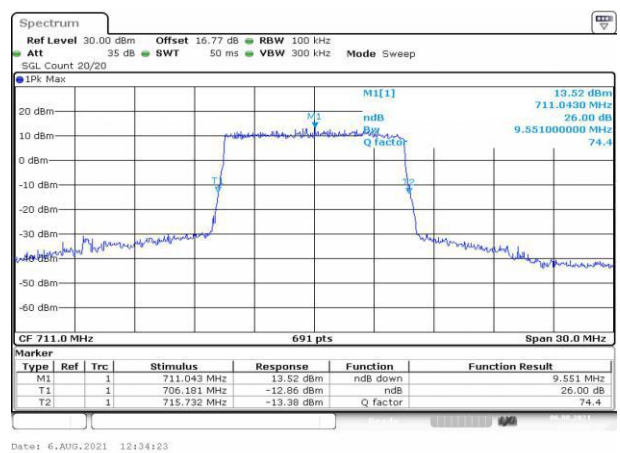


Fig.34

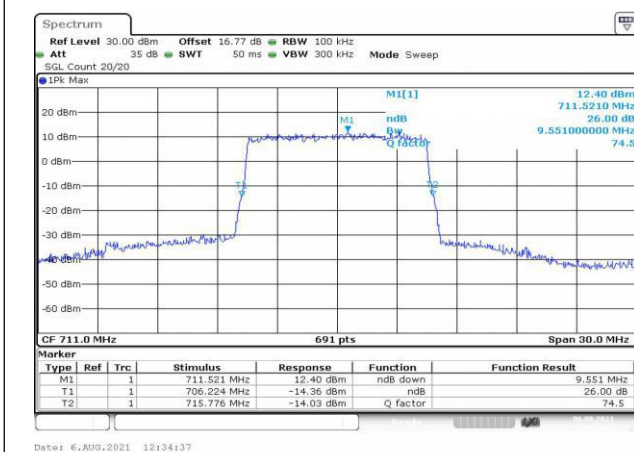


Fig.35



Fig.36

#### 4 Peak-Average Ratio

| Band | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | QPSK   | 16-QAM | 64-QAM |
|------|-------------------------|---------|----------|---------|-----------|--------|--------|--------|
| 12   | 699.7                   | 23017   | 1.4      | 1       | 5         | Fig.1  | Fig.2  | Fig.3  |
|      | 699.7                   | 23017   |          | 6       | 0         | Fig.4  | Fig.5  | Fig.6  |
|      | 707.5                   | 23095   |          | 1       | 5         | Fig.7  | Fig.8  | Fig.9  |
|      | 707.5                   | 23095   |          | 6       | 0         | Fig.10 | Fig.11 | Fig.12 |
|      | 715.3                   | 23173   |          | 1       | 5         | Fig.13 | Fig.14 | Fig.15 |
|      | 715.3                   | 23173   |          | 6       | 0         | Fig.16 | Fig.17 | Fig.18 |
|      | 700.5                   | 23025   | 3        | 1       | 14        | Fig.19 | Fig.20 | Fig.21 |
|      | 700.5                   | 23025   |          | 15      | 0         | Fig.22 | Fig.23 | Fig.24 |
|      | 707.5                   | 23095   |          | 1       | 14        | Fig.25 | Fig.26 | Fig.27 |
|      | 707.5                   | 23095   |          | 15      | 0         | Fig.28 | Fig.29 | Fig.30 |
|      | 714.5                   | 23165   |          | 1       | 14        | Fig.31 | Fig.32 | Fig.33 |
|      | 714.5                   | 23165   |          | 15      | 0         | Fig.34 | Fig.35 | Fig.36 |
|      | 701.5                   | 23035   | 5        | 1       | 24        | Fig.37 | Fig.38 | Fig.39 |
|      | 701.5                   | 23035   |          | 25      | 0         | Fig.40 | Fig.41 | Fig.42 |
|      | 707.5                   | 23095   |          | 1       | 24        | Fig.43 | Fig.44 | Fig.45 |
|      | 707.5                   | 23095   |          | 25      | 0         | Fig.46 | Fig.47 | Fig.48 |
|      | 713.5                   | 23155   |          | 1       | 24        | Fig.49 | Fig.50 | Fig.51 |
|      | 713.5                   | 23155   |          | 25      | 0         | Fig.52 | Fig.53 | Fig.54 |
|      | 704                     | 23060   | 10       | 1       | 49        | Fig.55 | Fig.56 | Fig.57 |
|      | 704                     | 23060   |          | 50      | 0         | Fig.58 | Fig.59 | Fig.60 |
|      | 707.5                   | 23095   |          | 1       | 49        | Fig.61 | Fig.62 | Fig.63 |
|      | 707.5                   | 23095   |          | 50      | 0         | Fig.64 | Fig.65 | Fig.66 |
|      | 711                     | 23130   |          | 1       | 49        | Fig.67 | Fig.68 | Fig.69 |
|      | 711                     | 23130   |          | 50      | 0         | Fig.70 | Fig.71 | Fig.72 |

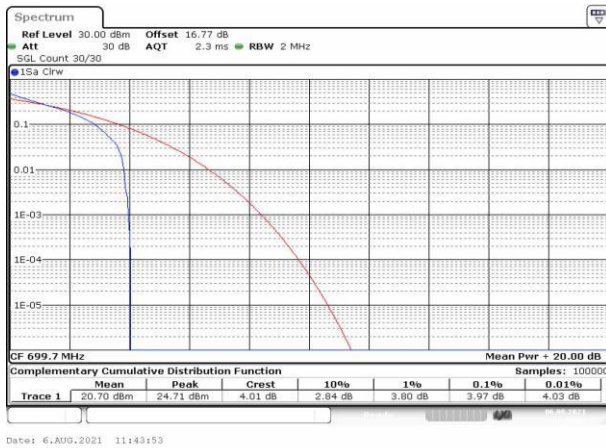


Fig.1

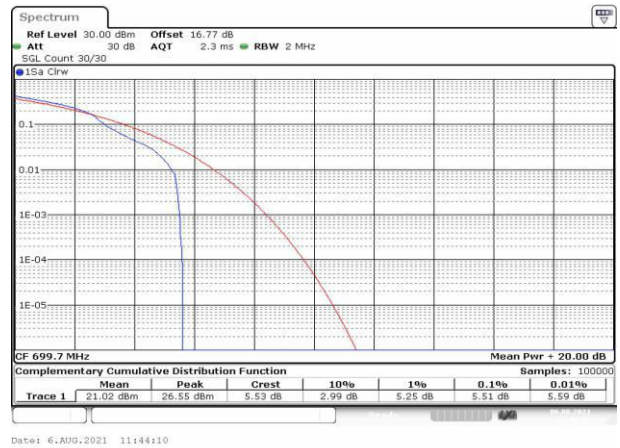


Fig.2

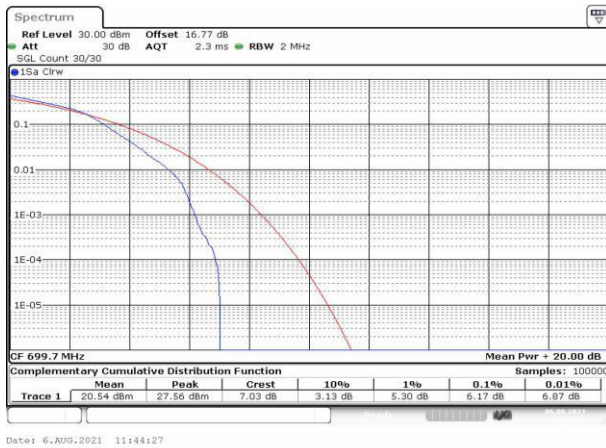


Fig.3

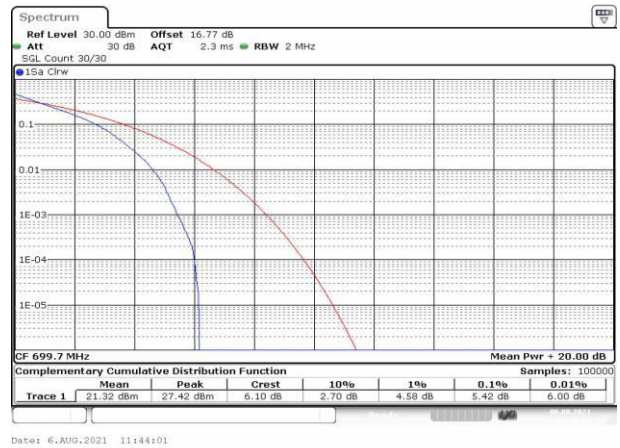


Fig.4

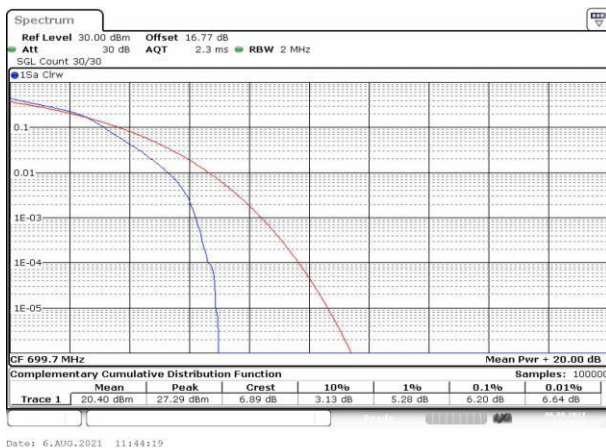


Fig.5

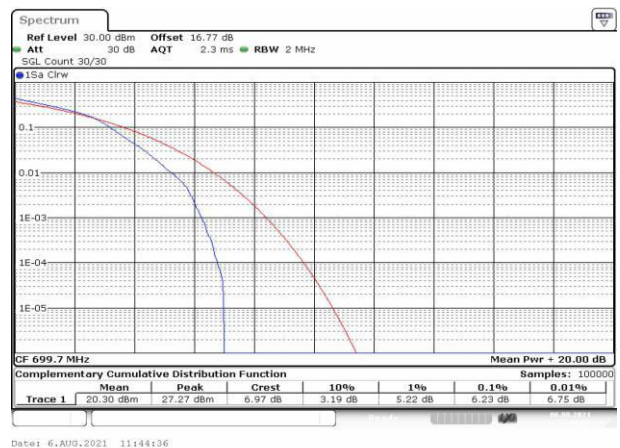


Fig.6



Fig.7

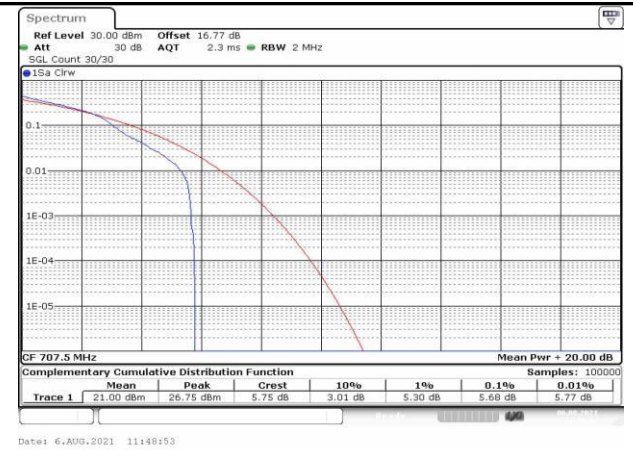


Fig.8

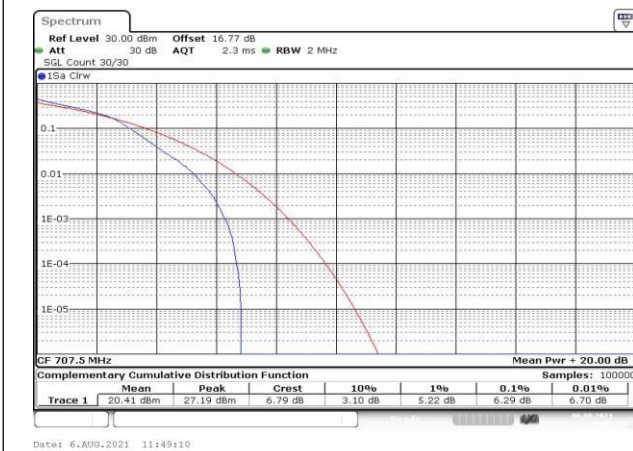


Fig.9

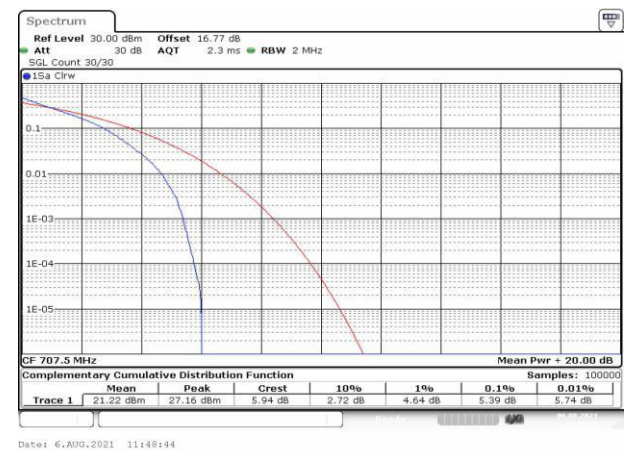


Fig.10

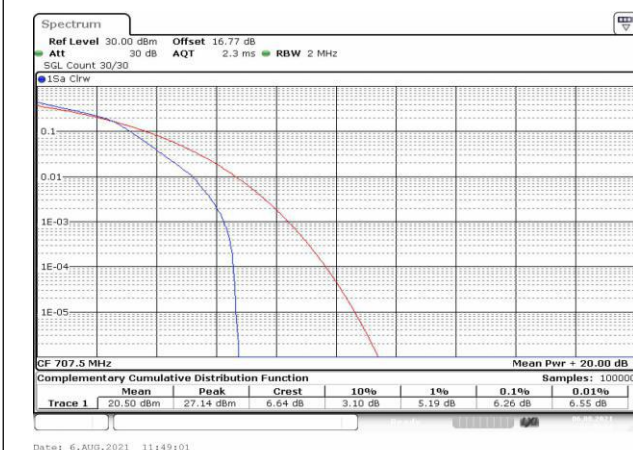


Fig.11

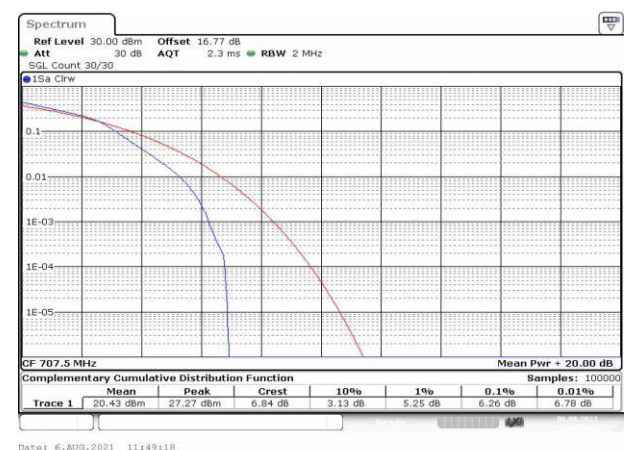


Fig.12



Fig.13

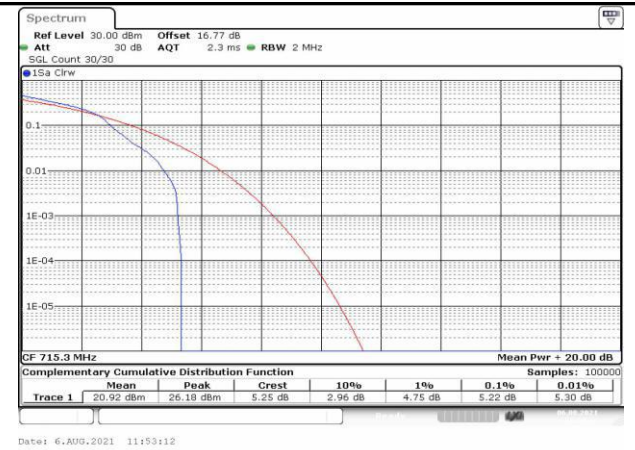


Fig.14

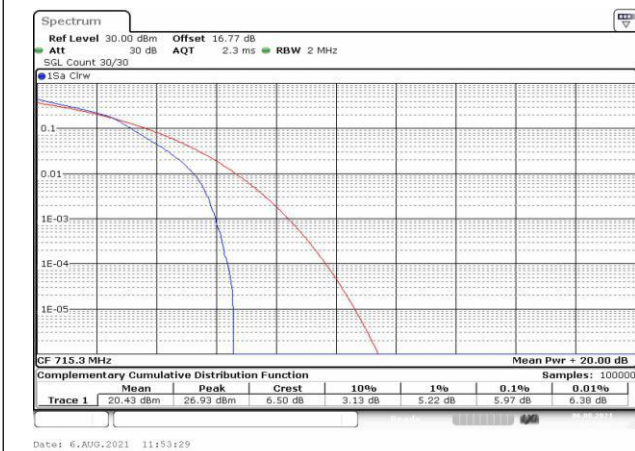


Fig.15

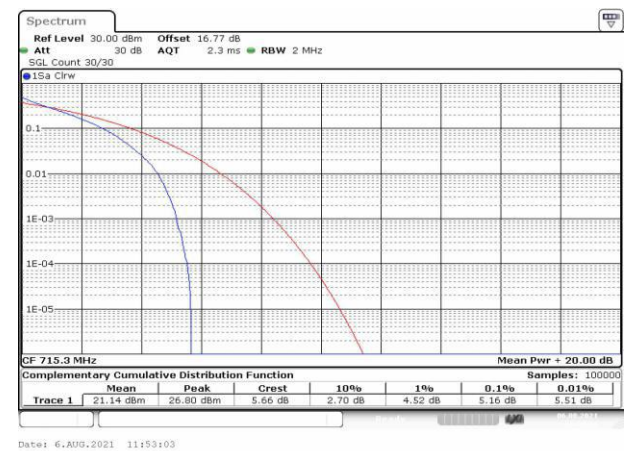


Fig.16

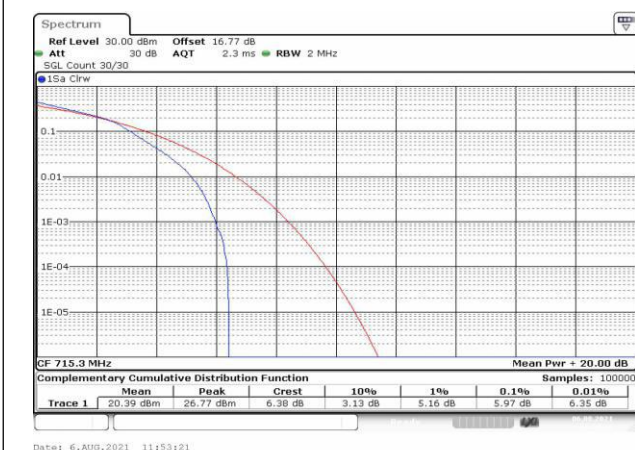


Fig.17

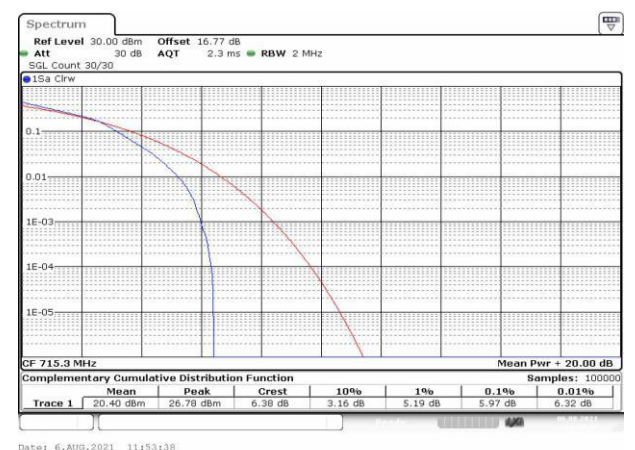


Fig.18