

Fig.13

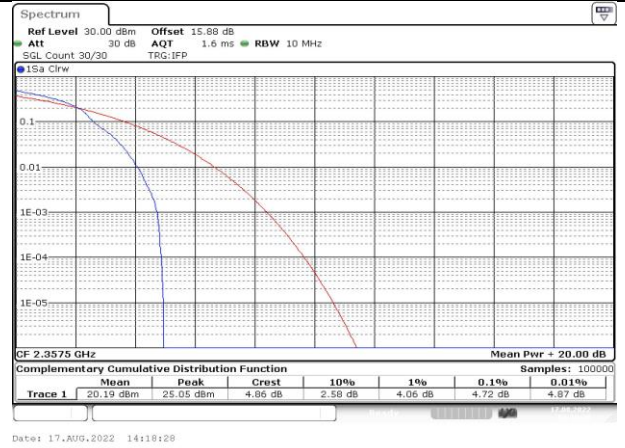


Fig.14

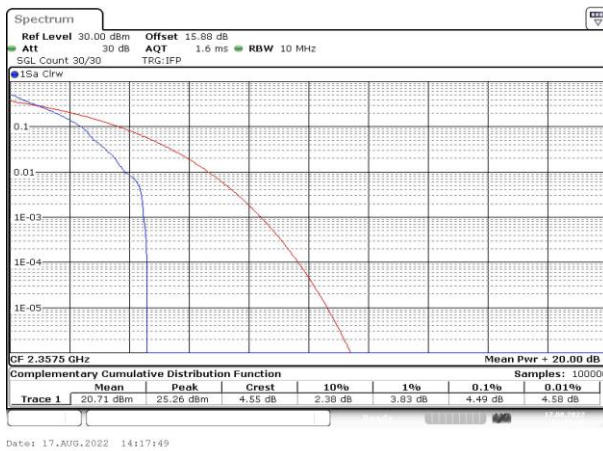


Fig.15

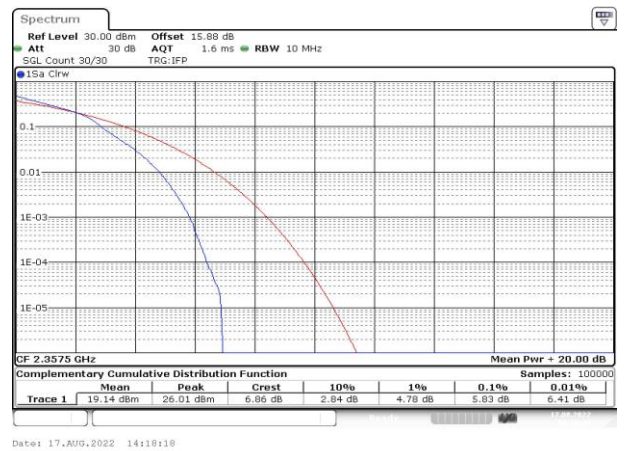


Fig.16

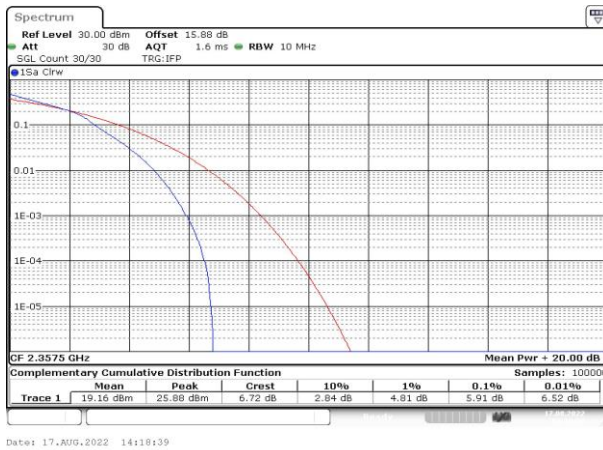


Fig.17

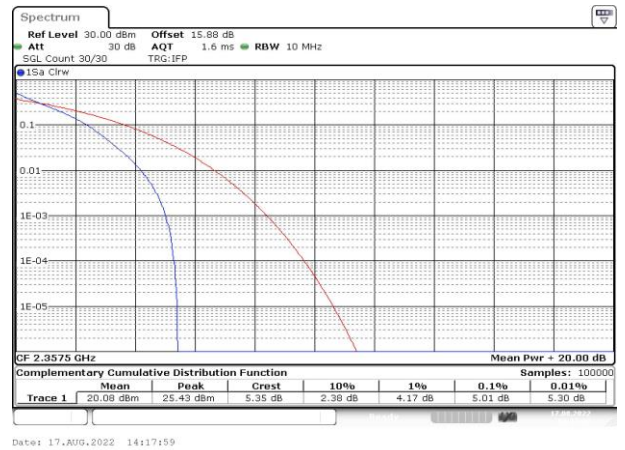


Fig.18



Fig.19

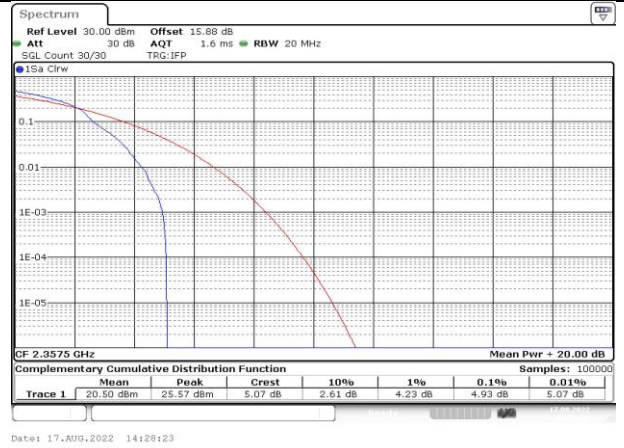


Fig.20

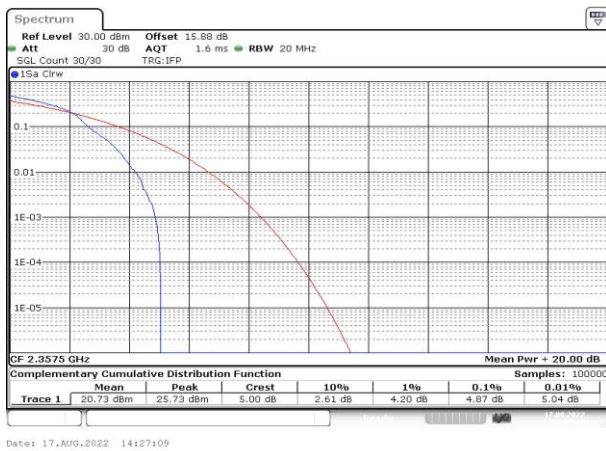


Fig.21

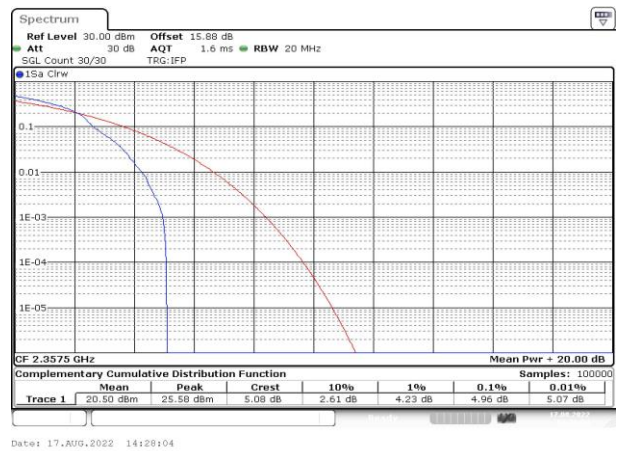


Fig.22

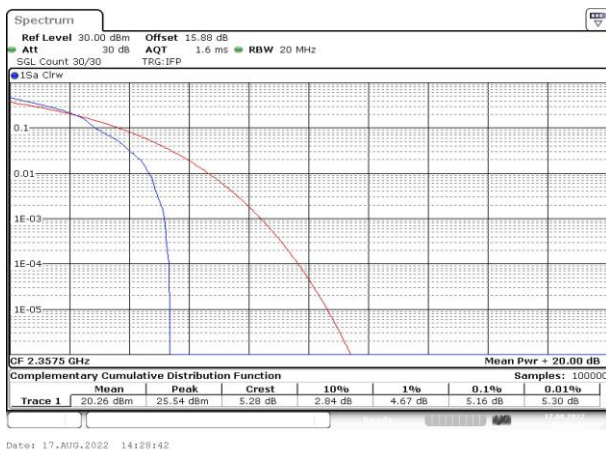


Fig.23

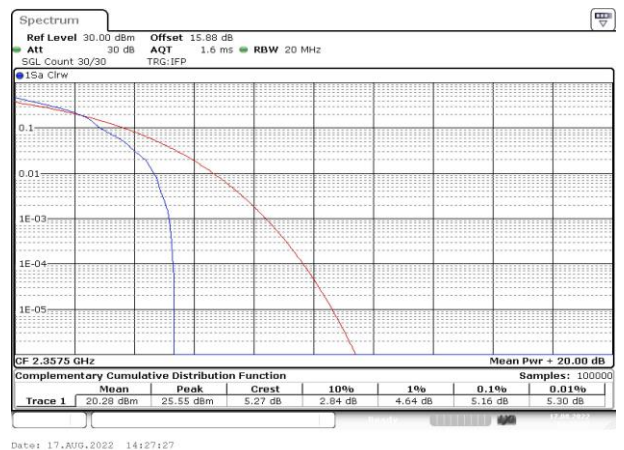


Fig.24

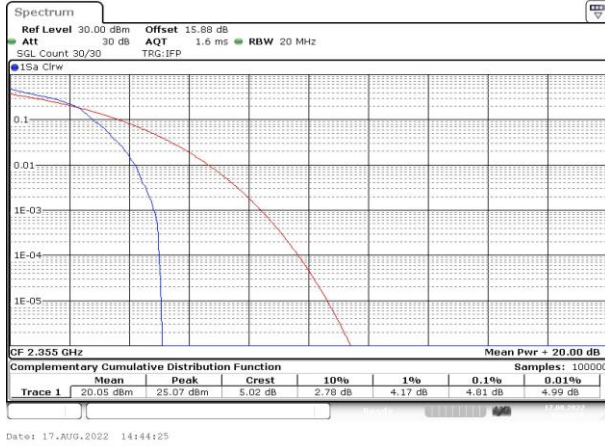


Fig.25

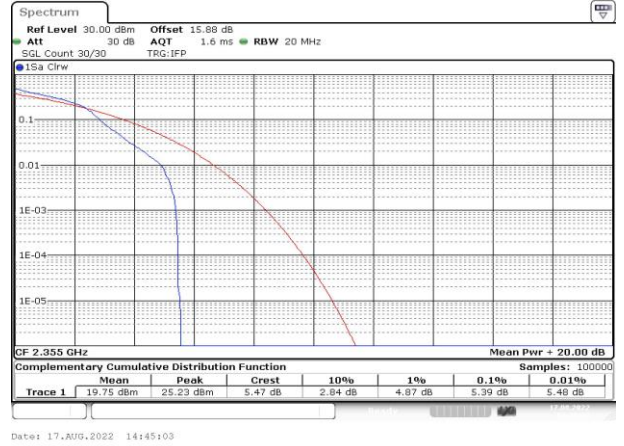


Fig.26

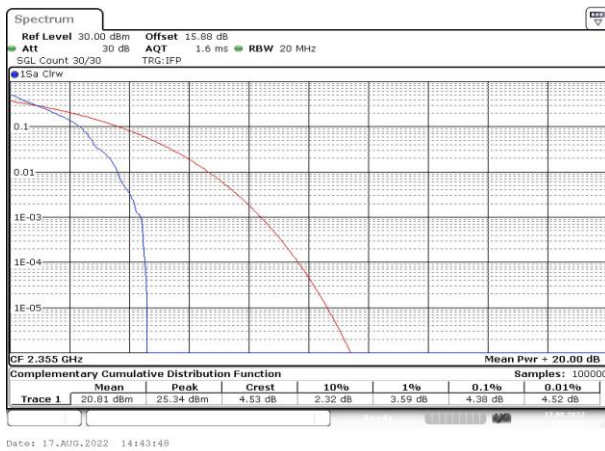


Fig.27

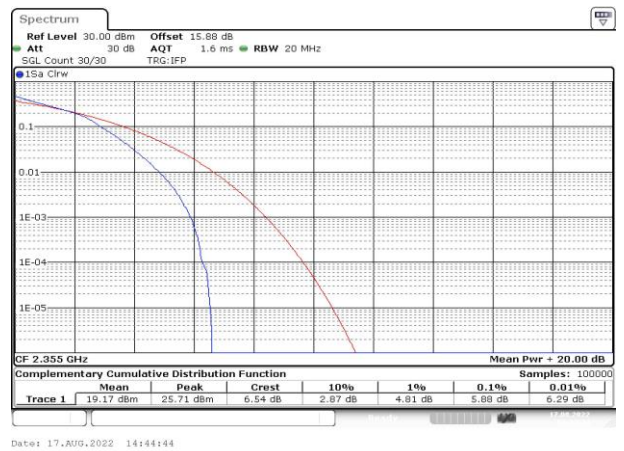


Fig.28

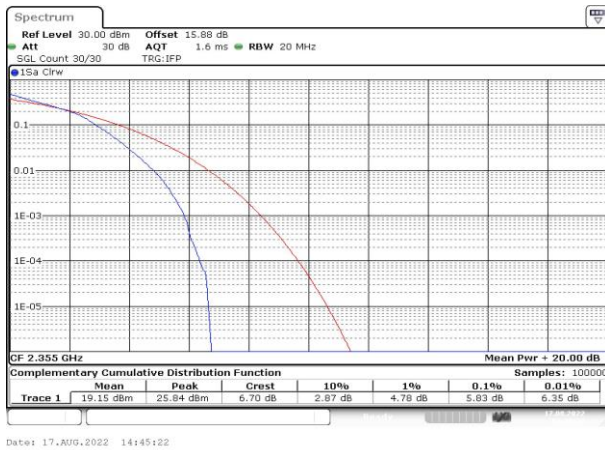


Fig.29

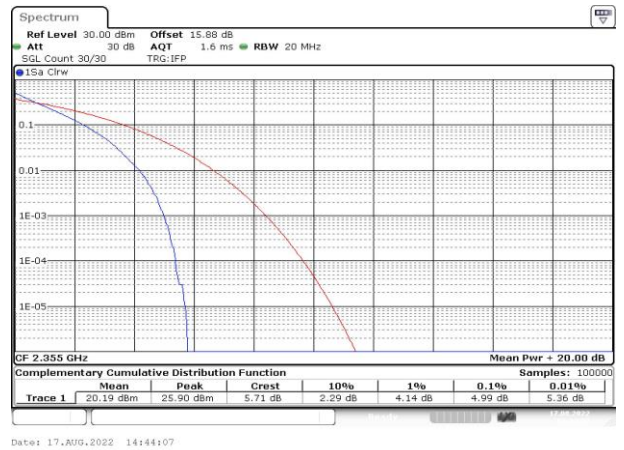


Fig.30





Fig.31

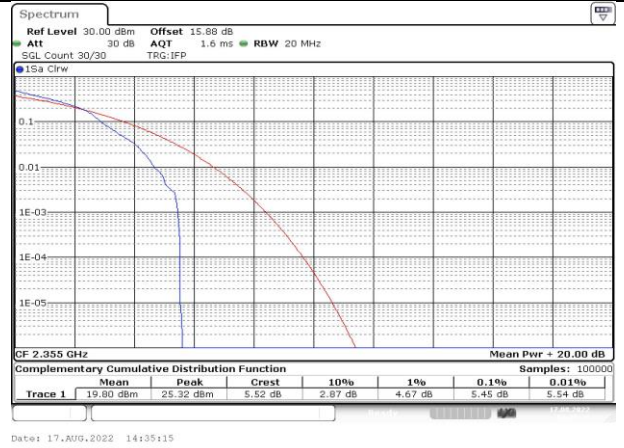


Fig.32

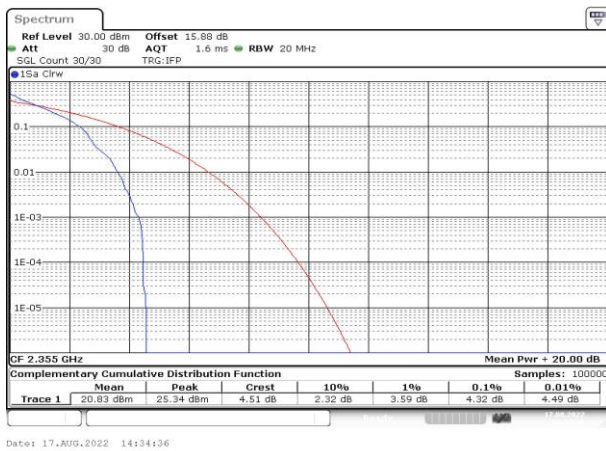


Fig.33

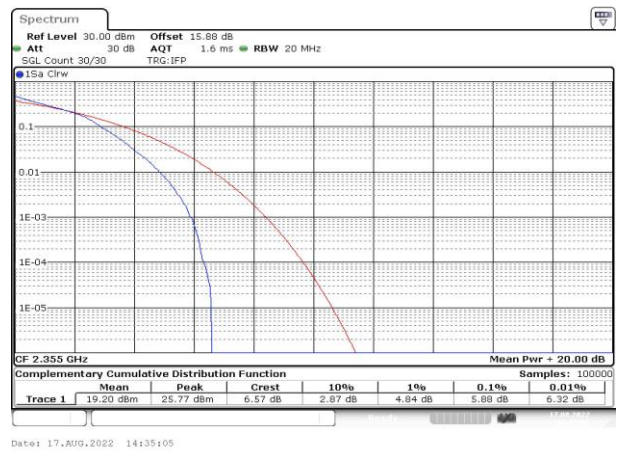


Fig.34

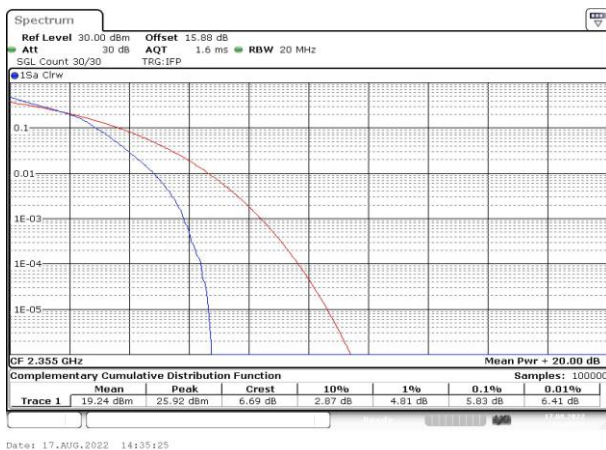


Fig.35

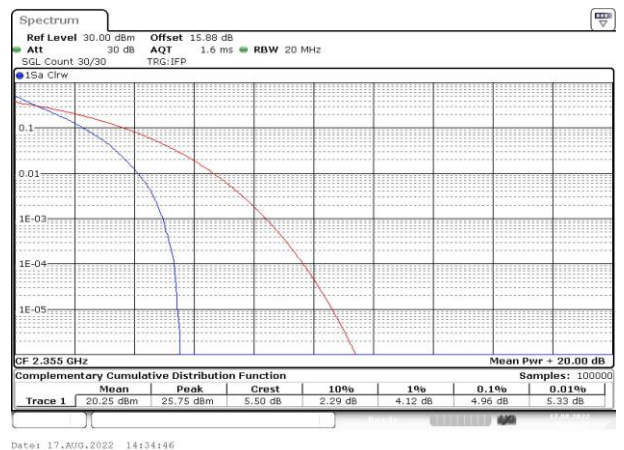


Fig.36

**13 Spurious Emissions at antenna terminal**

| Band | Carrier frequency (MHz) | Channel | BW | RB Size | RB Offset | Conducted Spurious Plot |
|------|-------------------------|---------|----|---------|-----------|-------------------------|
|      |                         |         |    |         |           | QPSK                    |
| 40   | 2355                    | 39200   | 10 | 1       | 0         | Fig.1                   |

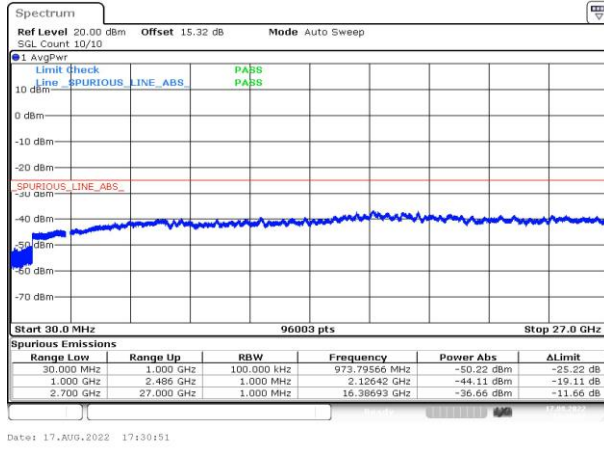
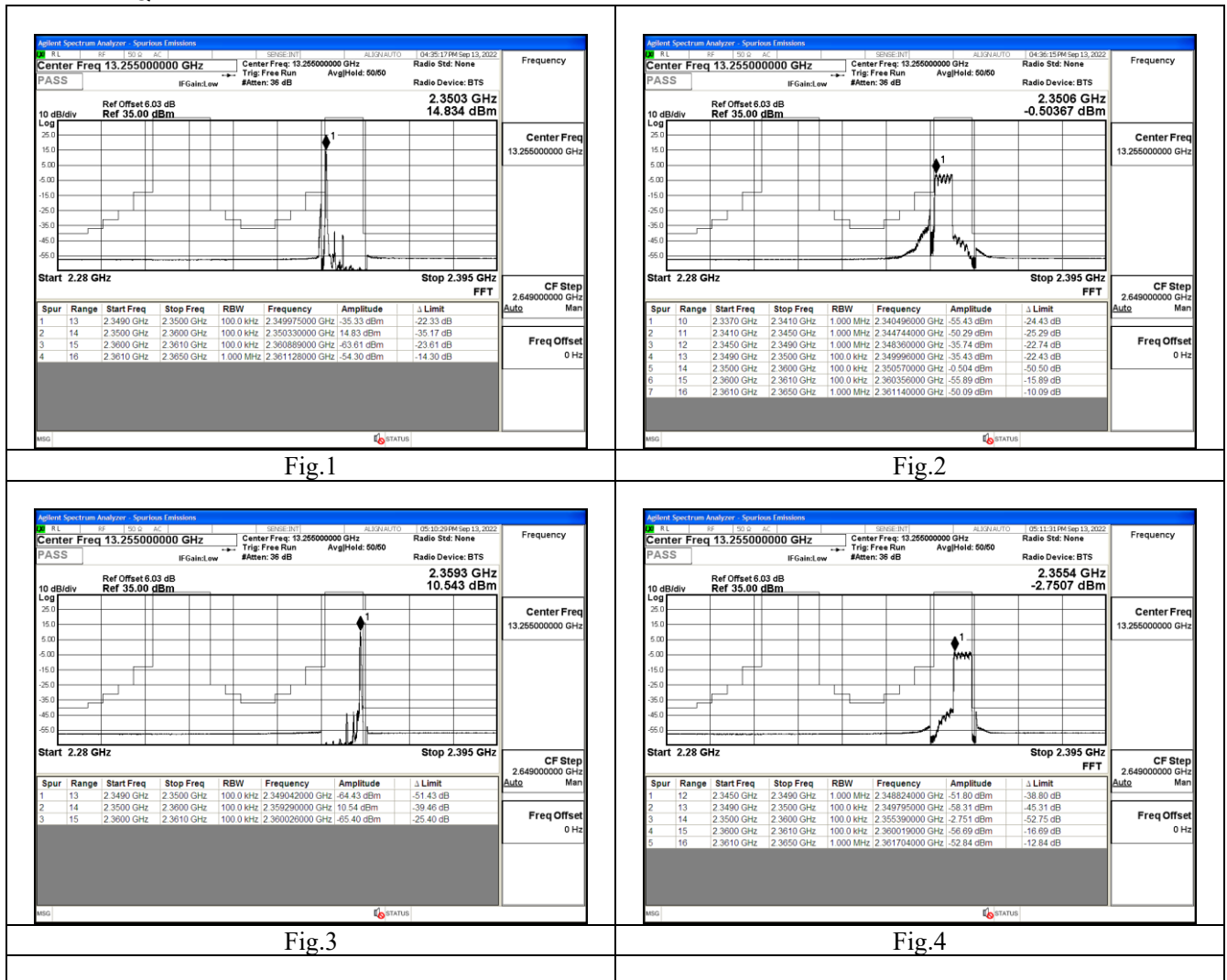


Fig.1

### 14 Band Edges Compliance

| Band | Mode | Carrier frequency (MHz) | Channel | BW | RB Size | RB Offset | Band Edges Plot |
|------|------|-------------------------|---------|----|---------|-----------|-----------------|
| 40   | QPSK | 2352.5                  | 39175   | 5  | 1       | 0         | Fig.1           |
| 40   | QPSK | 2352.5                  | 39175   | 5  | 25      | 0         | Fig.2           |
| 40   | QPSK | 2357.5                  | 39225   | 5  | 1       | 24        | Fig.3           |
| 40   | QPSK | 2357.5                  | 39225   | 5  | 25      | 0         | Fig.4           |
| 40   | QPSK | 2310                    | 38750   | 10 | 1       | 0         | Fig.5           |
| 40   | QPSK | 2310                    | 38750   | 10 | 50      | 0         | Fig.6           |
| 40   | QPSK | 2310                    | 38750   | 10 | 1       | 49        | Fig.7           |

Test Mode: QPSK



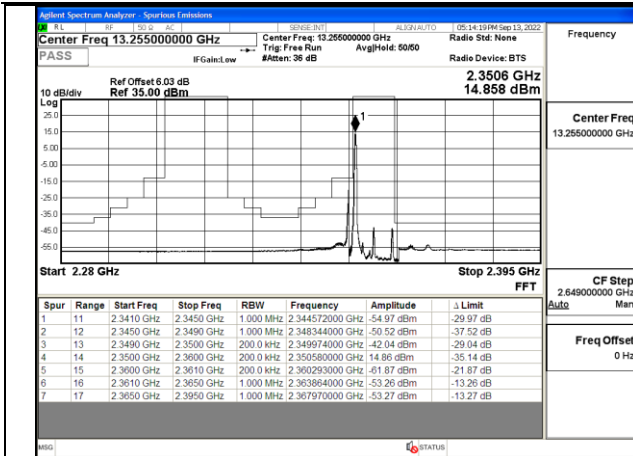


Fig.5

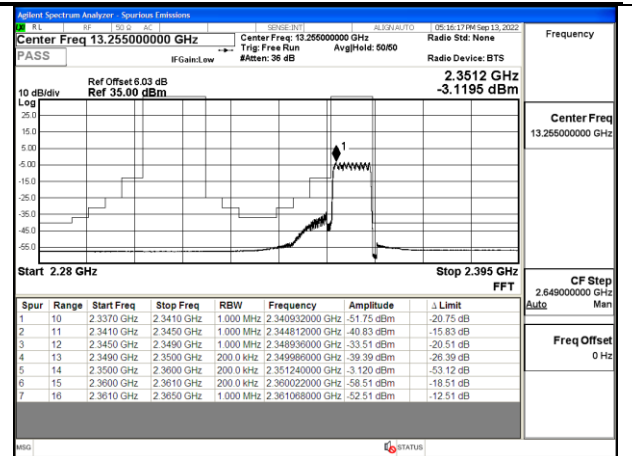


Fig.6

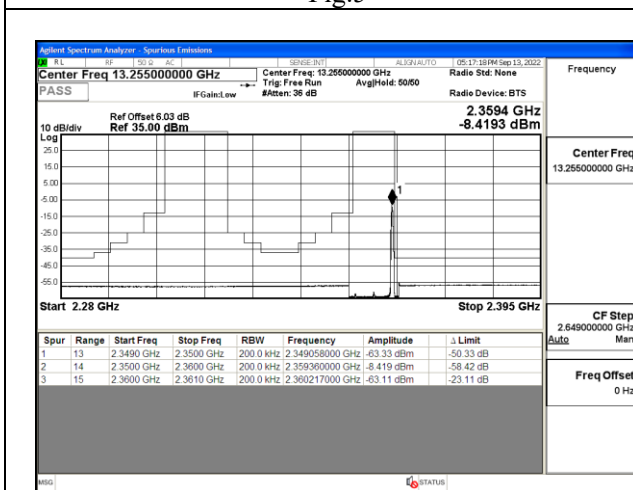


Fig.7

### 15 Frequency Stability

| Temperature(°C) | Voltage | Test Result (ppm) Band 40(2305-2315) Low Channel QPSK |        |
|-----------------|---------|---|--------|
|                 |         | 5M  | 10M    |
| -20             | NV      | -0.011  | -0.006 |
| -10             | NV      | -0.006  | -0.004 |
| 0               | NV      | -0.009  | -0.006 |
| +10             | NV      | -0.008  | -0.004 |
| +20             | NV      | -0.006  | -0.005 |
| +30             | NV      | -0.010  | -0.006 |
| +40             | NV      | -0.004  | -0.006 |
| +55             | NV      | -0.006  | -0.002 |
| +20             | LV      | -0.005  | -0.006 |
| +20             | HV      | -0.005  | -0.005 |

| Temperature(°C) | Voltage | Test Result (ppm) Band 40(2305-2315) High Channel QPSK |        |
|-----------------|---------|--|--------|
|                 |         | 5M   | 10M    |
| -20             | NV      | -0.011   | -0.009 |
| -10             | NV      | -0.008   | -0.006 |
| 0               | NV      | -0.008   | -0.006 |
| +10             | NV      | -0.002   | -0.005 |
| +20             | NV      | -0.008   | -0.003 |
| +30             | NV      | -0.007   | -0.005 |
| +40             | NV      | -0.006   | -0.007 |
| +55             | NV      | -0.008   | -0.007 |
| +20             | LV      | -0.009   | -0.007 |
| +20             | HV      | -0.007   | -0.004 |



**16 Effective Radiated Power and Effective Isotropic Radiated Power**

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/EIRP (dBm) | ERP/EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|----------------|--------------|
| QPSK       | 2352.5                  | 39175      | 5  | 1       | 0         | 21.20                 | 23.30          | 0.214        |
| QPSK       | 2352.5                  | 39175      | 5  | 1       | 12        | 21.22                 | 23.32          | 0.215        |
| QPSK       | 2352.5                  | 39175      | 5  | 1       | 24        | 21.16                 | 23.26          | 0.212        |
| QPSK       | 2352.5                  | 39175      | 5  | 12      | 0         | 20.30                 | 22.40          | 0.174        |
| QPSK       | 2352.5                  | 39175      | 5  | 12      | 7         | 20.35                 | 22.45          | 0.176        |
| QPSK       | 2352.5                  | 39175      | 5  | 12      | 13        | 20.30                 | 22.40          | 0.174        |
| QPSK       | 2352.5                  | 39175      | 5  | 25      | 0         | 20.29                 | 22.39          | 0.173        |
| QPSK       | 2355                    | 39200      | 5  | 1       | 0         | 21.39                 | 23.49          | 0.223        |
| QPSK       | 2355                    | 39200      | 5  | 1       | 12        | 21.37                 | 23.47          | 0.222        |
| QPSK       | 2355                    | 39200      | 5  | 1       | 24        | 21.29                 | 23.39          | 0.218        |
| QPSK       | 2355                    | 39200      | 5  | 12      | 0         | 20.29                 | 22.39          | 0.173        |
| QPSK       | 2355                    | 39200      | 5  | 12      | 7         | 20.31                 | 22.41          | 0.174        |
| QPSK       | 2355                    | 39200      | 5  | 12      | 13        | 20.26                 | 22.36          | 0.172        |
| QPSK       | 2355                    | 39200      | 5  | 25      | 0         | 20.27                 | 22.37          | 0.173        |
| QPSK       | 2357.5                  | 39225      | 5  | 1       | 0         | 21.21                 | 23.31          | 0.214        |
| QPSK       | 2357.5                  | 39225      | 5  | 1       | 12        | 21.16                 | 23.26          | 0.212        |
| QPSK       | 2357.5                  | 39225      | 5  | 1       | 24        | 21.18                 | 23.28          | 0.213        |
| QPSK       | 2357.5                  | 39225      | 5  | 12      | 0         | 20.22                 | 22.32          | 0.171        |
| QPSK       | 2357.5                  | 39225      | 5  | 12      | 7         | 20.28                 | 22.38          | 0.173        |
| QPSK       | 2357.5                  | 39225      | 5  | 12      | 13        | 20.25                 | 22.35          | 0.172        |
| QPSK       | 2357.5                  | 39225      | 5  | 25      | 0         | 20.16                 | 22.26          | 0.168        |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/EIRP (dBm) | ERP/EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|----------------|--------------|
| 16QAM      | 2352.5                  | 39175      | 5  | 1       | 0         | 20.71                 | 22.81          | 0.191        |
| 16QAM      | 2352.5                  | 39175      | 5  | 1       | 12        | 20.69                 | 22.79          | 0.190        |
| 16QAM      | 2352.5                  | 39175      | 5  | 1       | 24        | 20.66                 | 22.76          | 0.189        |
| 16QAM      | 2352.5                  | 39175      | 5  | 12      | 0         | 19.38                 | 21.48          | 0.141        |
| 16QAM      | 2352.5                  | 39175      | 5  | 12      | 7         | 19.38                 | 21.48          | 0.141        |
| 16QAM      | 2352.5                  | 39175      | 5  | 12      | 13        | 19.34                 | 21.44          | 0.139        |
| 16QAM      | 2352.5                  | 39175      | 5  | 25      | 0         | 19.26                 | 21.36          | 0.137        |
| 16QAM      | 2355                    | 39200      | 5  | 1       | 0         | 20.71                 | 22.81          | 0.191        |
| 16QAM      | 2355                    | 39200      | 5  | 1       | 12        | 20.57                 | 22.67          | 0.185        |
| 16QAM      | 2355                    | 39200      | 5  | 1       | 24        | 20.56                 | 22.66          | 0.185        |
| 16QAM      | 2355                    | 39200      | 5  | 12      | 0         | 19.32                 | 21.42          | 0.139        |
| 16QAM      | 2355                    | 39200      | 5  | 12      | 7         | 19.35                 | 21.45          | 0.140        |
| 16QAM      | 2355                    | 39200      | 5  | 12      | 13        | 19.37                 | 21.47          | 0.140        |
| 16QAM      | 2355                    | 39200      | 5  | 25      | 0         | 19.36                 | 21.46          | 0.140        |
| 16QAM      | 2357.5                  | 39225      | 5  | 1       | 0         | 20.36                 | 22.46          | 0.176        |
| 16QAM      | 2357.5                  | 39225      | 5  | 1       | 12        | 20.28                 | 22.38          | 0.173        |
| 16QAM      | 2357.5                  | 39225      | 5  | 1       | 24        | 20.47                 | 22.57          | 0.181        |
| 16QAM      | 2357.5                  | 39225      | 5  | 12      | 0         | 19.21                 | 21.31          | 0.135        |
| 16QAM      | 2357.5                  | 39225      | 5  | 12      | 7         | 19.25                 | 21.35          | 0.136        |
| 16QAM      | 2357.5                  | 39225      | 5  | 12      | 13        | 19.25                 | 21.35          | 0.136        |
| 16QAM      | 2357.5                  | 39225      | 5  | 25      | 0         | 19.27                 | 21.37          | 0.137        |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|-----------------|---------------|
| QPSK       | 2355                    | 39200      | 10 | 1       | 0         | 21.25                 | 23.35           | 0.216         |
| QPSK       | 2355                    | 39200      | 10 | 1       | 25        | 21.26                 | 23.36           | 0.217         |
| QPSK       | 2355                    | 39200      | 10 | 1       | 49        | 21.20                 | 23.30           | 0.214         |
| QPSK       | 2355                    | 39200      | 10 | 25      | 0         | 20.26                 | 22.36           | 0.172         |
| QPSK       | 2355                    | 39200      | 10 | 25      | 12        | 20.32                 | 22.42           | 0.175         |
| QPSK       | 2355                    | 39200      | 10 | 25      | 25        | 20.29                 | 22.39           | 0.173         |
| QPSK       | 2355                    | 39200      | 10 | 50      | 0         | 20.29                 | 22.39           | 0.173         |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|-----------------|---------------|
| 16QAM      | 2355                    | 39200      | 10 | 1       | 0         | 20.52                 | 22.62           | 0.183         |
| 16QAM      | 2355                    | 39200      | 10 | 1       | 25        | 20.57                 | 22.67           | 0.185         |
| 16QAM      | 2355                    | 39200      | 10 | 1       | 49        | 20.47                 | 22.57           | 0.181         |
| 16QAM      | 2355                    | 39200      | 10 | 25      | 0         | 19.31                 | 21.41           | 0.138         |
| 16QAM      | 2355                    | 39200      | 10 | 25      | 12        | 19.30                 | 21.40           | 0.138         |
| 16QAM      | 2355                    | 39200      | 10 | 25      | 25        | 19.38                 | 21.48           | 0.141         |
| 16QAM      | 2355                    | 39200      | 10 | 50      | 0         | 19.33                 | 21.43           | 0.139         |