

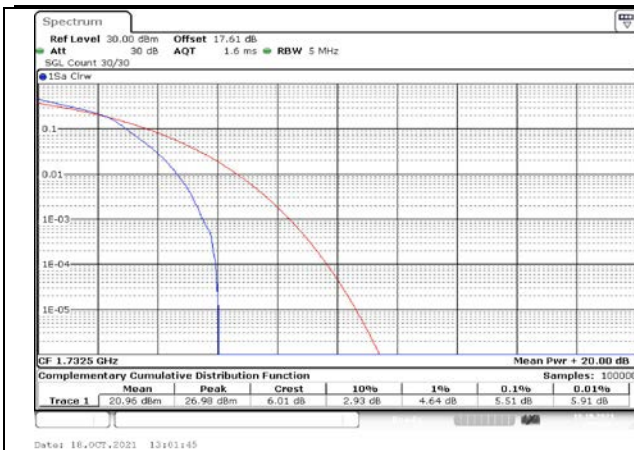


Fig.19

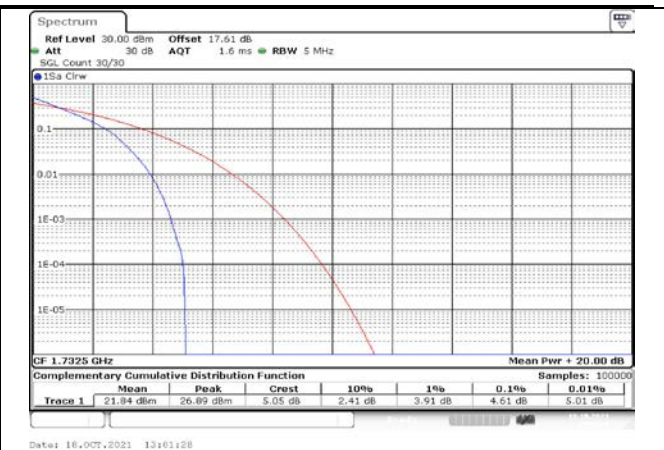


Fig.20

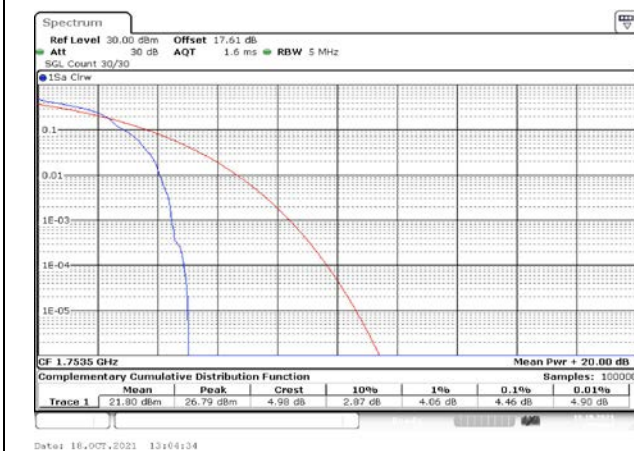


Fig.21

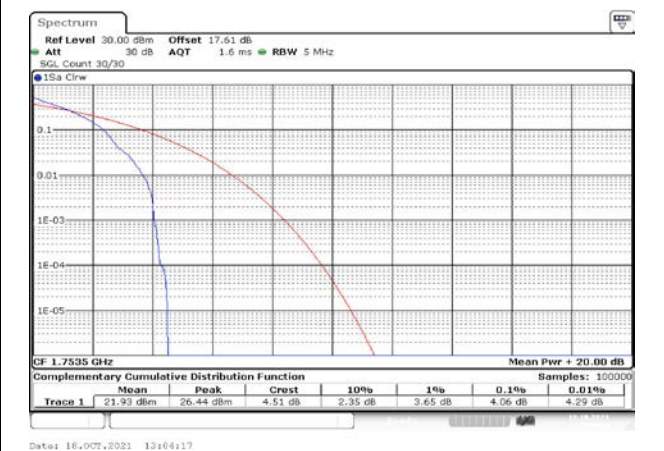


Fig.22

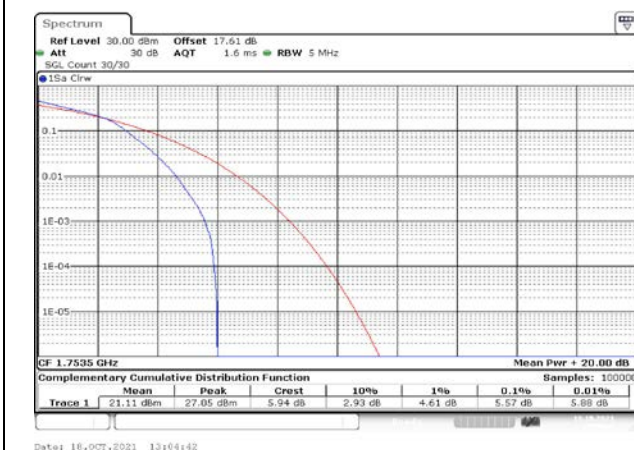


Fig.23

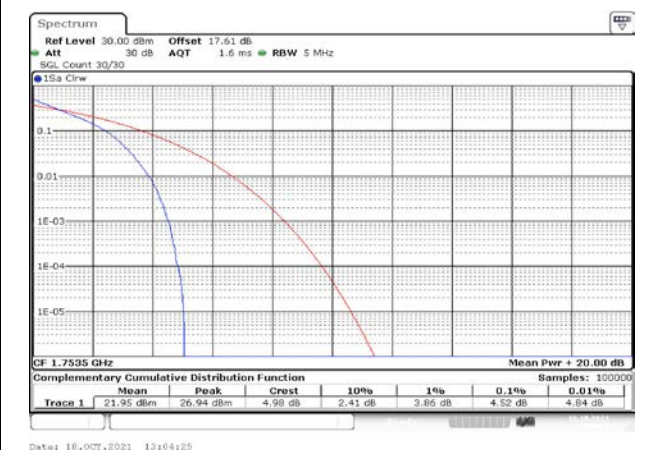


Fig.24

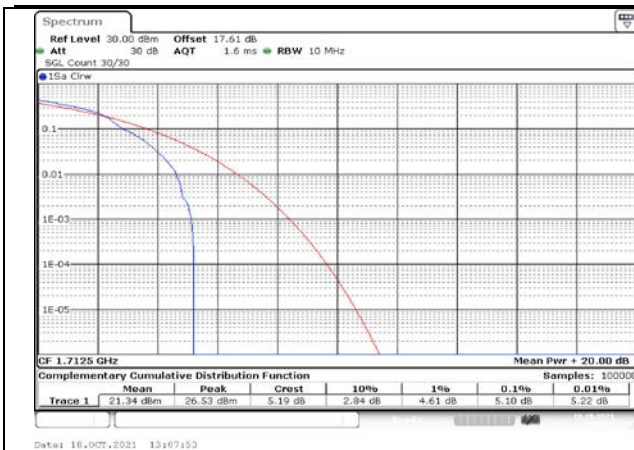


Fig.25

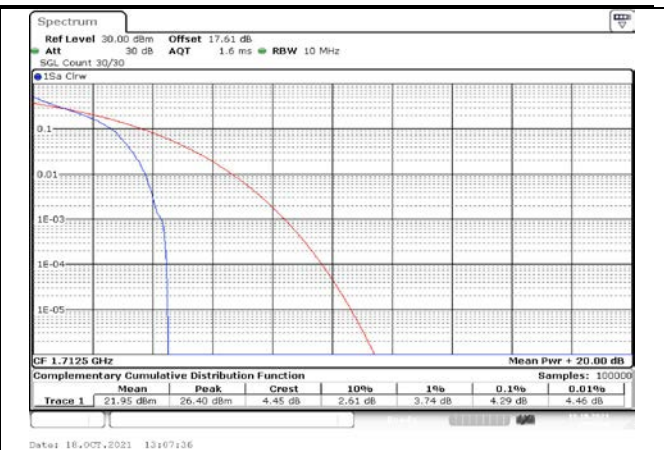


Fig.26

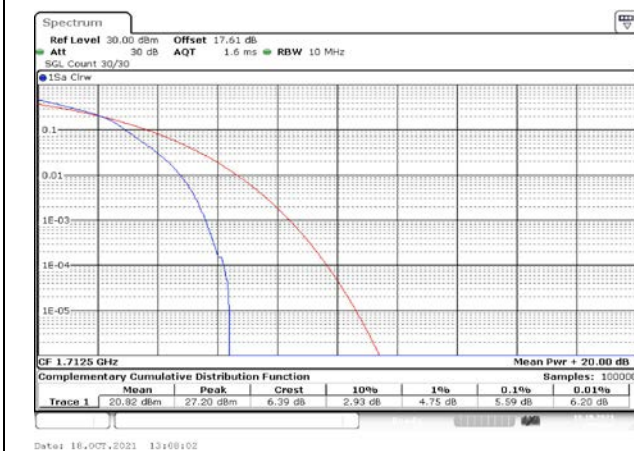


Fig.27

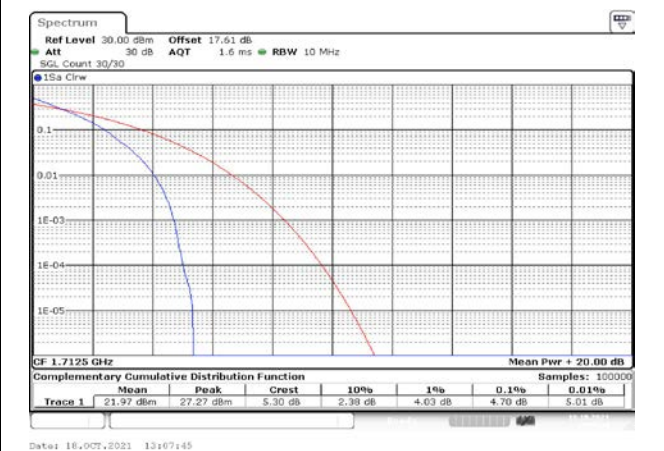


Fig.28

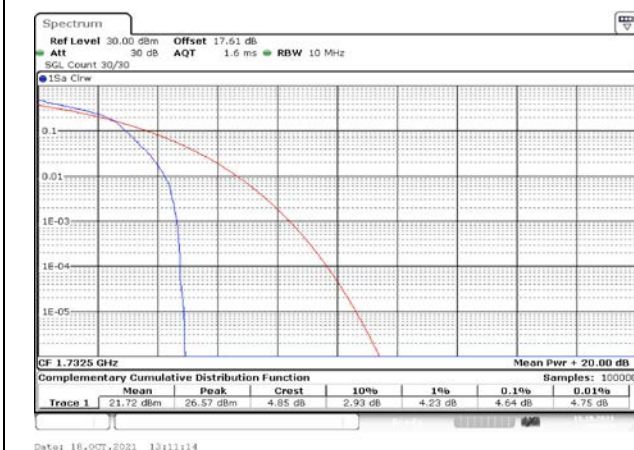


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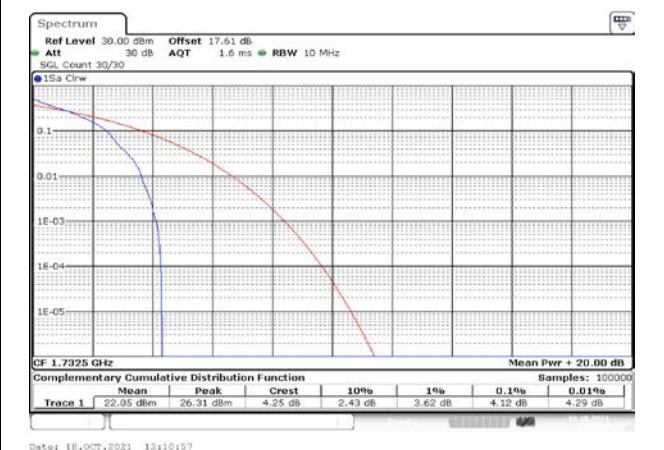


Fig.30

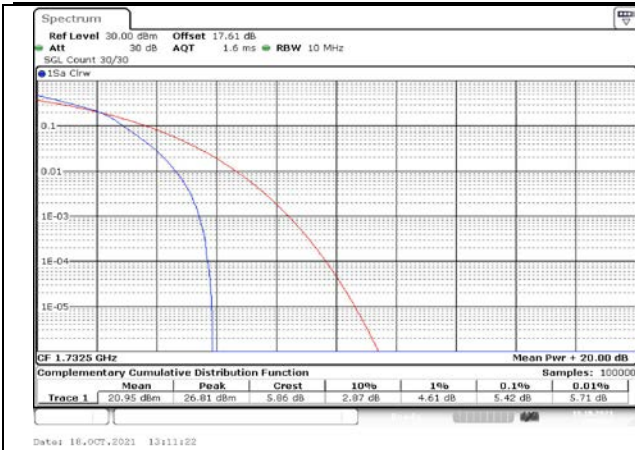


Fig.31

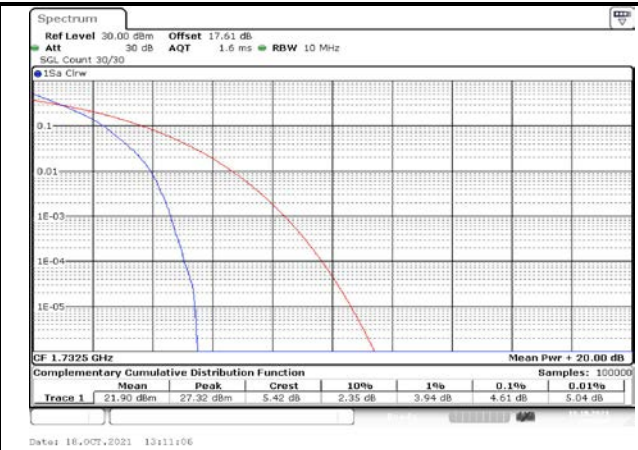


Fig.32

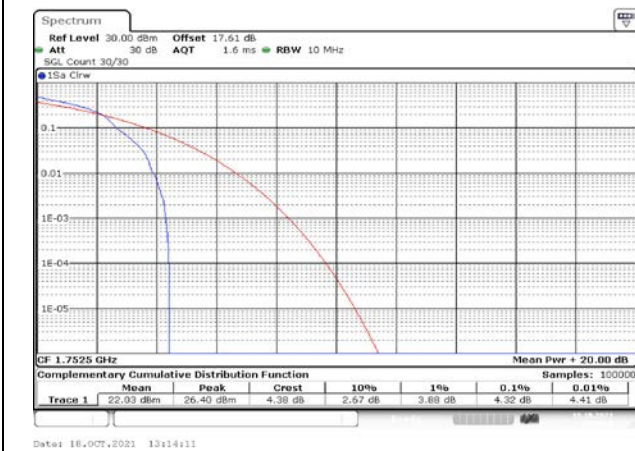


Fig.33

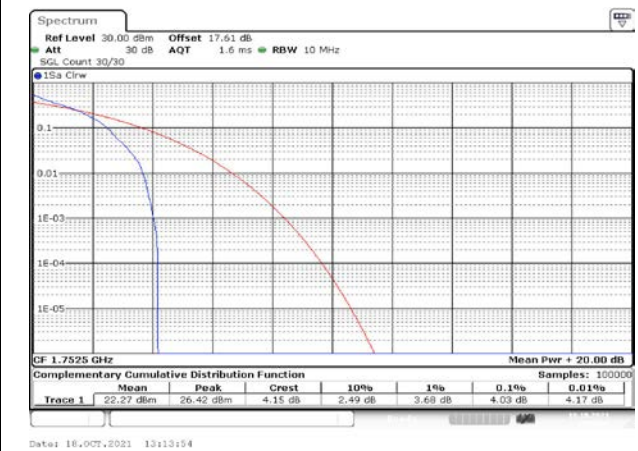


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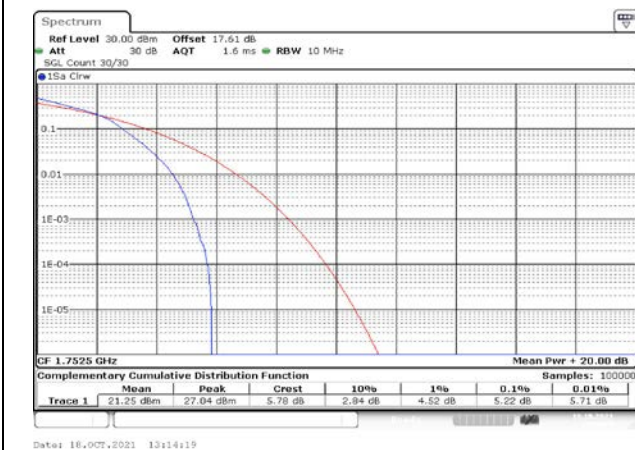


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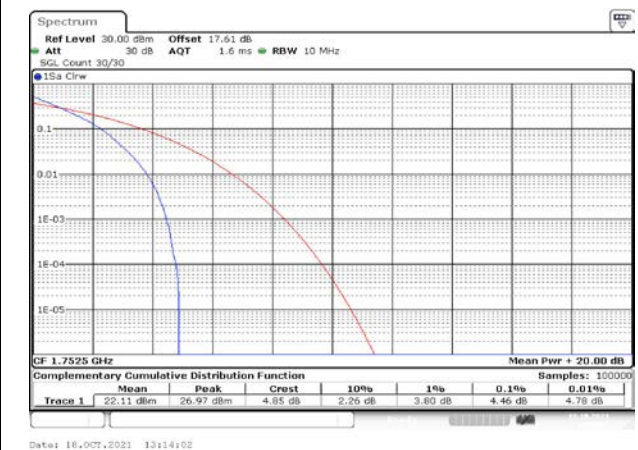


Fig.36

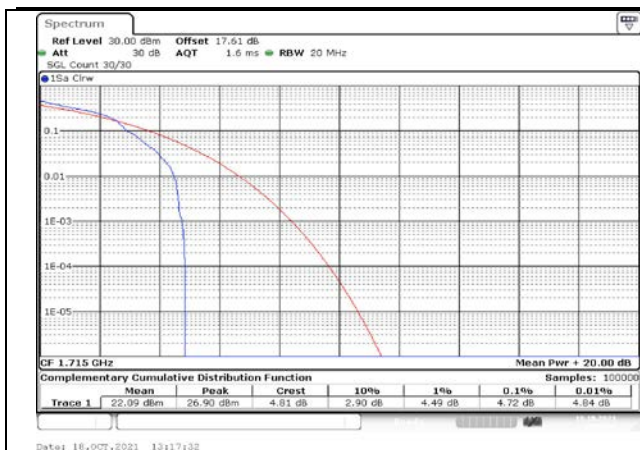


Fig.37

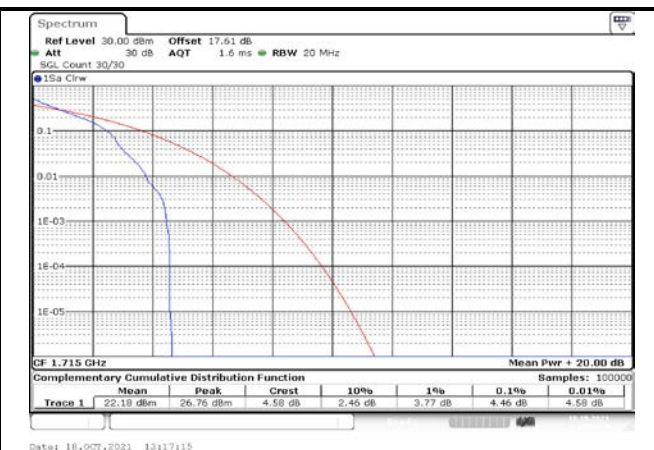


Fig.38

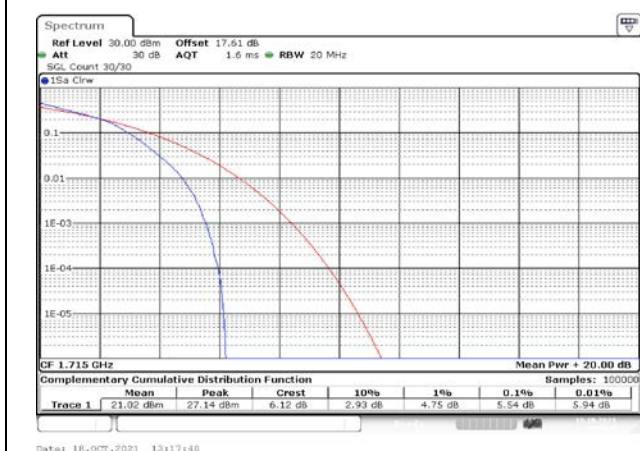


Fig.39

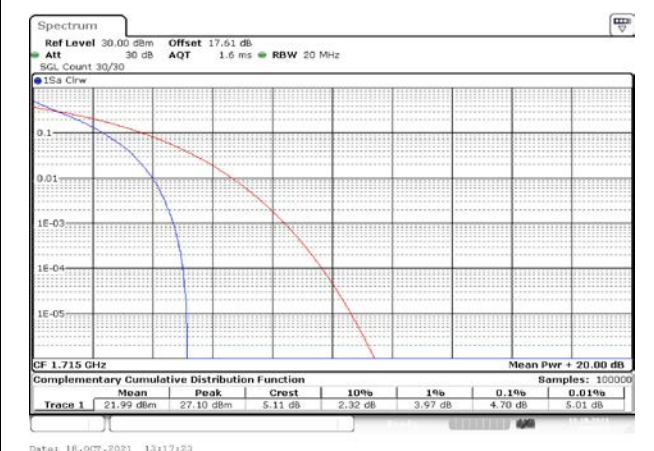


Fig.40

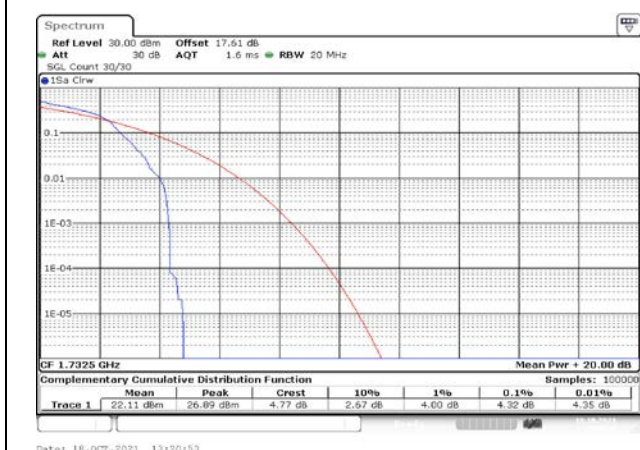


Fig.41

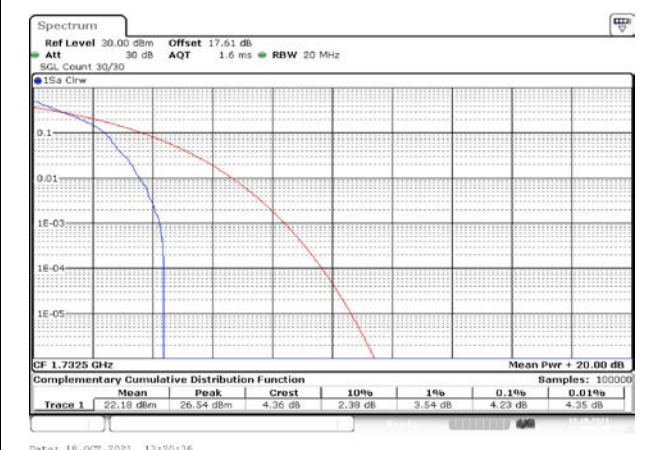


Fig.42

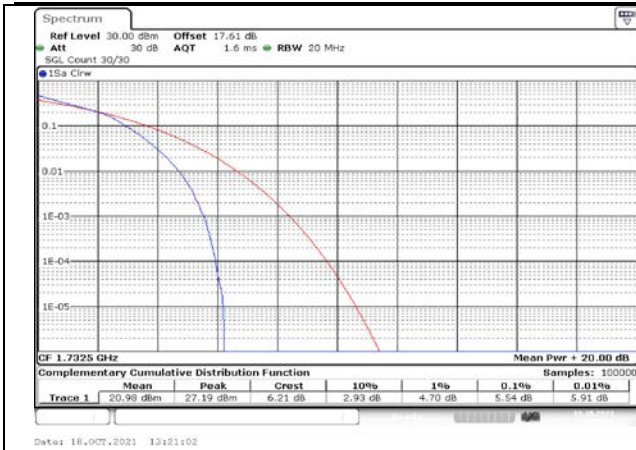


Fig.43

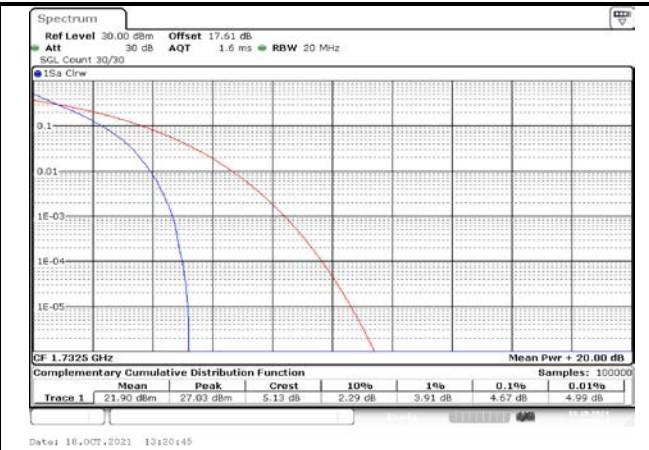


Fig.44

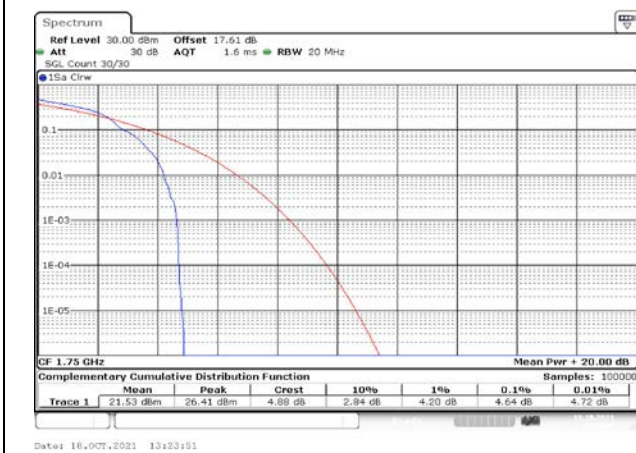


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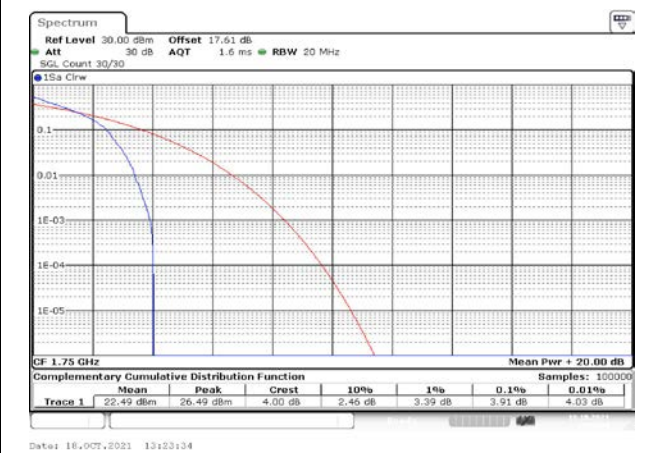


Fig.46

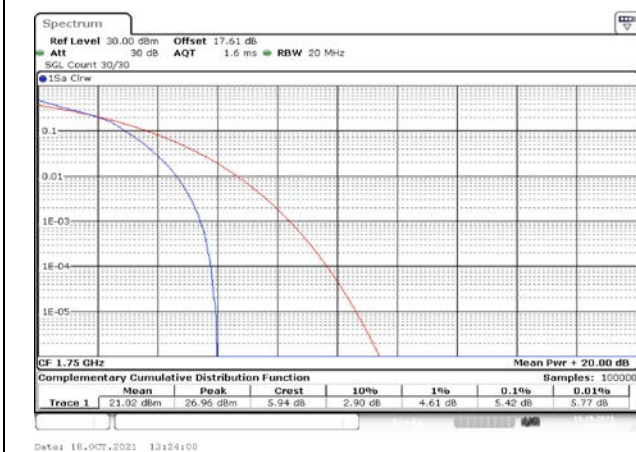


Fig.47

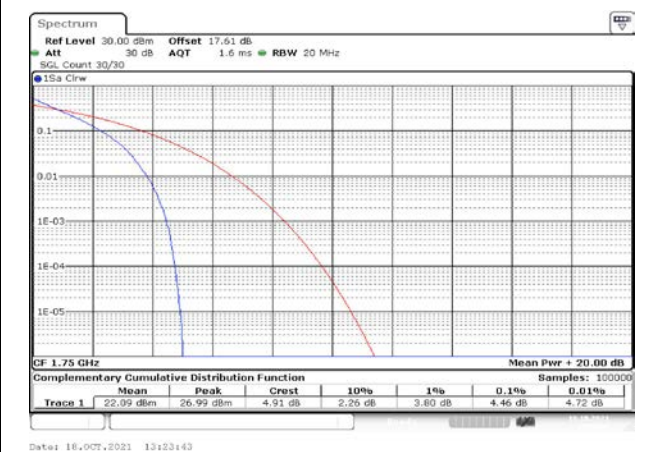


Fig.48

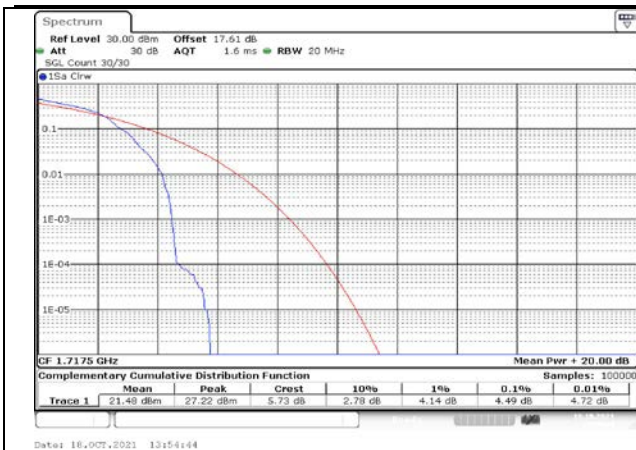


Fig.49

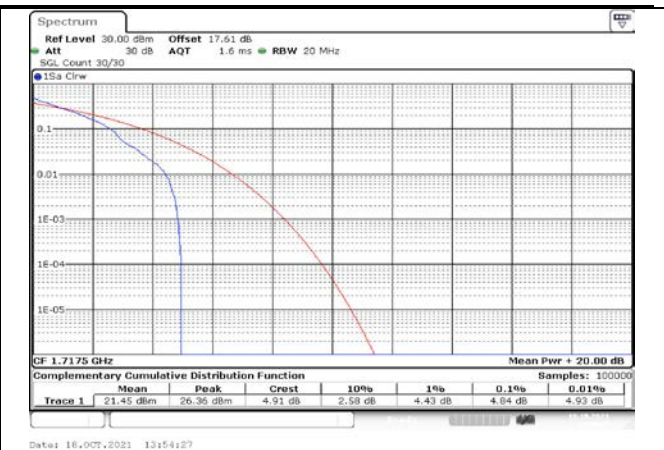


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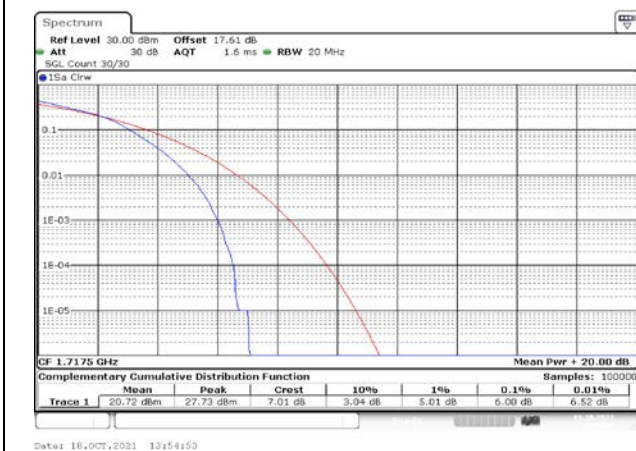


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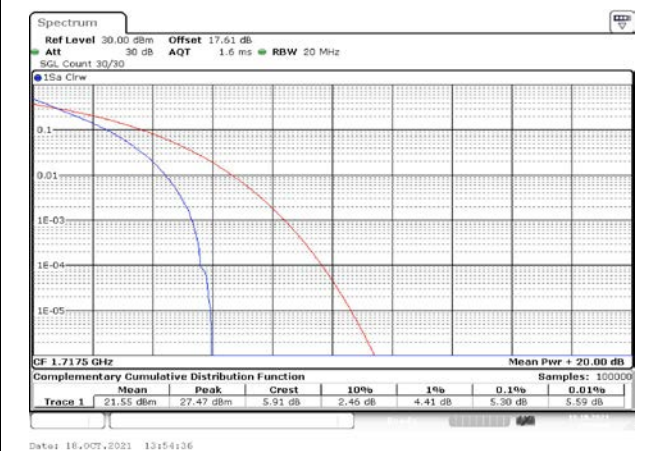


Fig.52

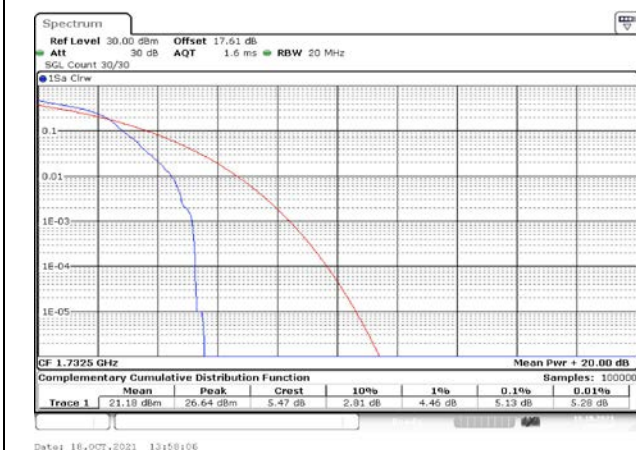


Fig.53

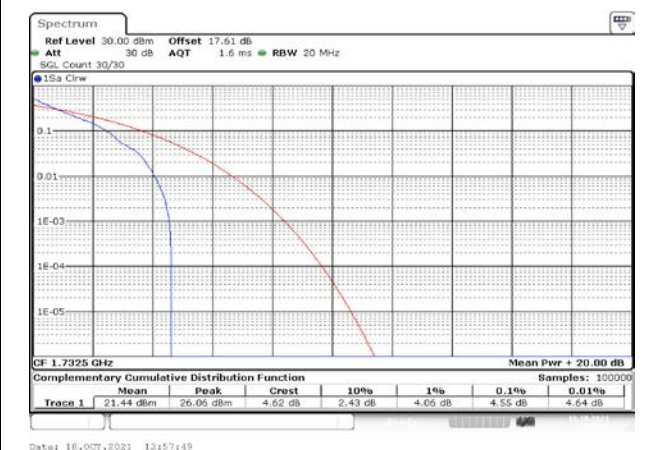


Fig.54

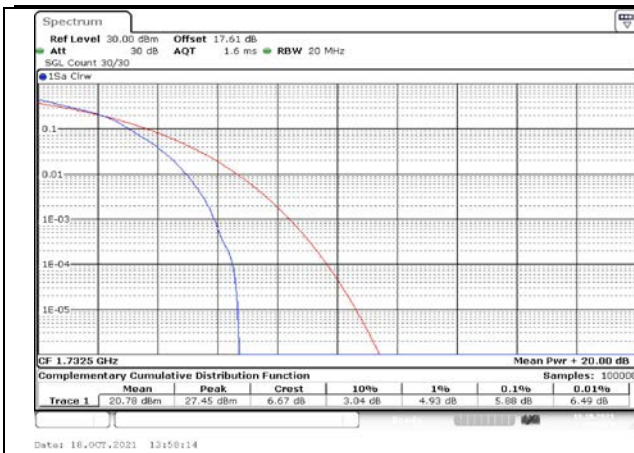


Fig.55

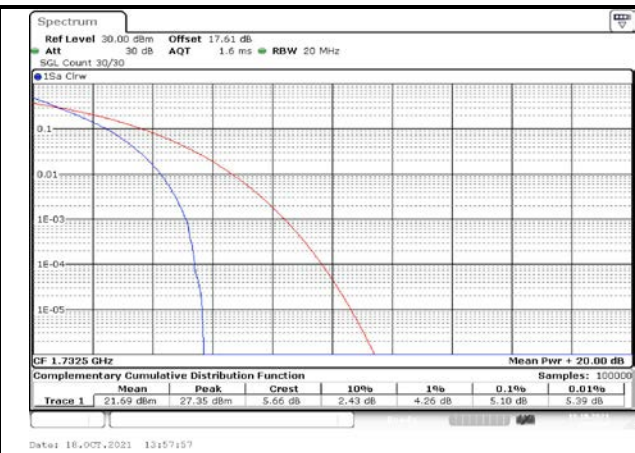


Fig.56

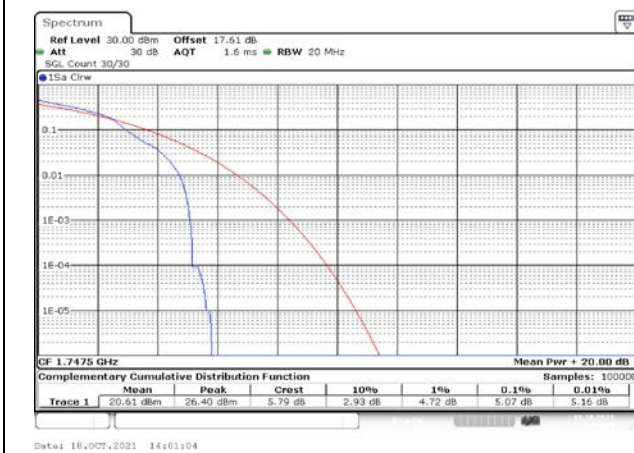


Fig.57

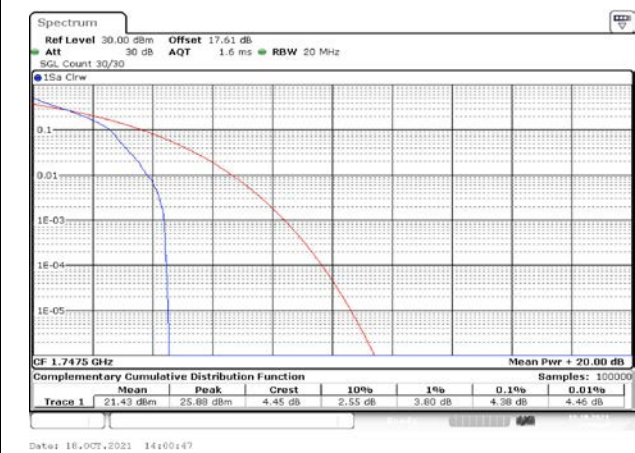


Fig.58

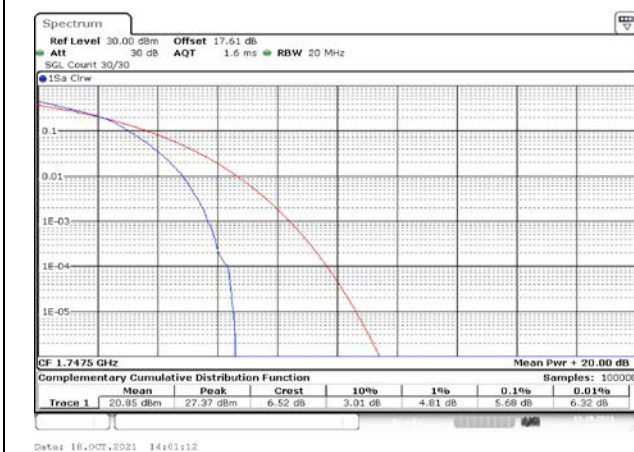


Fig.59

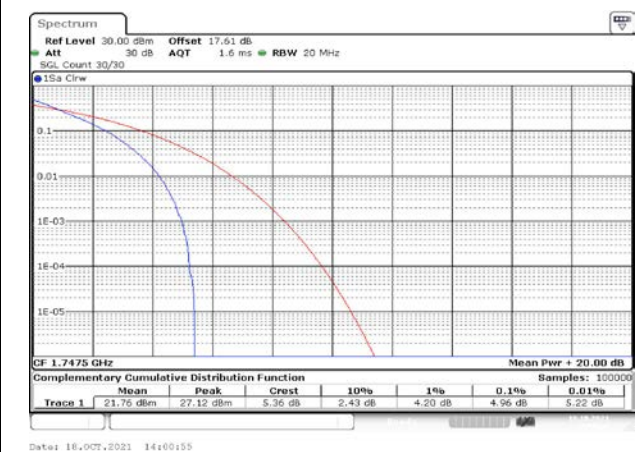


Fig.60

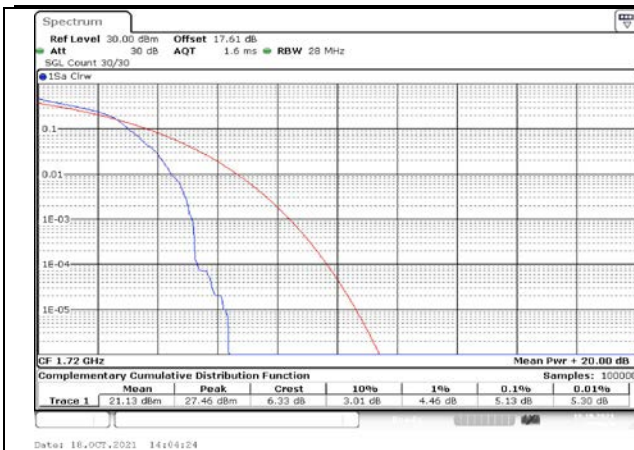


Fig.61

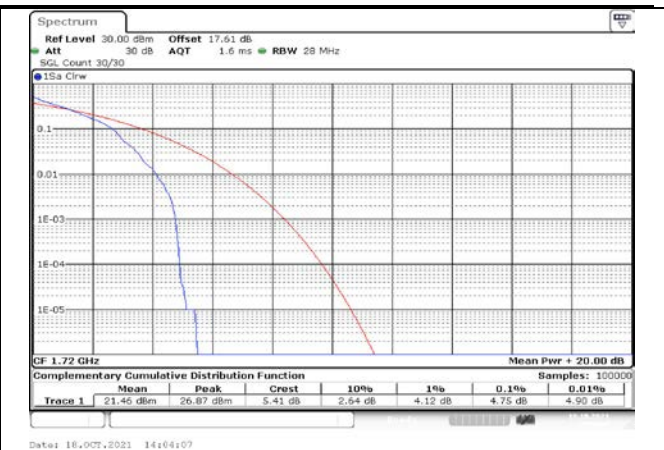


Fig.62

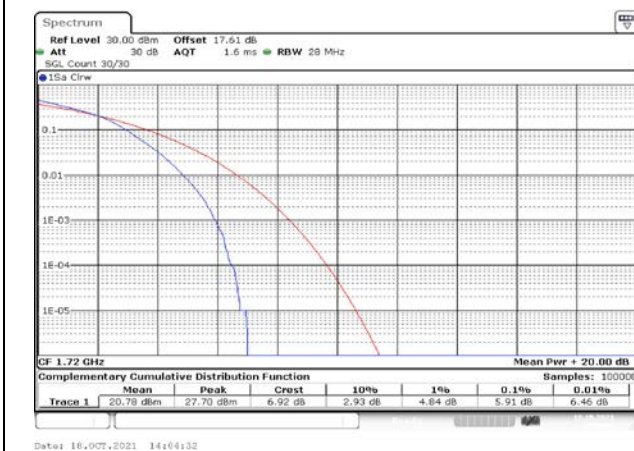


Fig.63

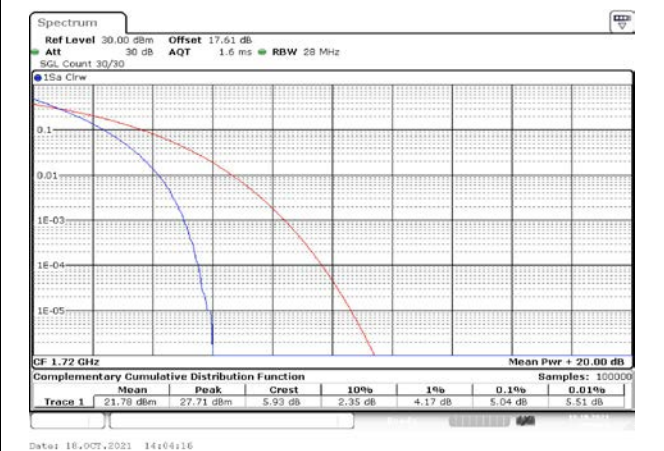


Fig.64

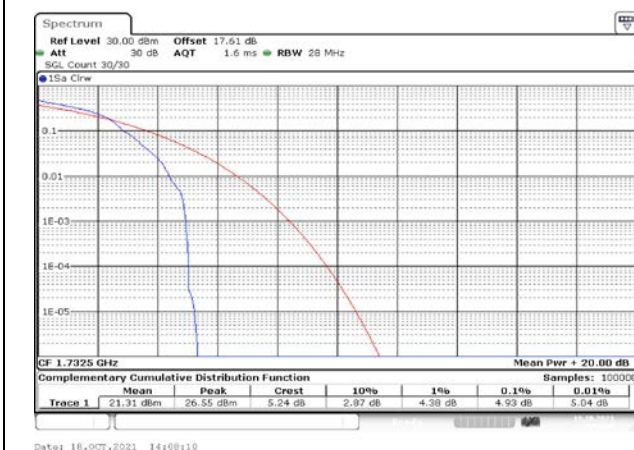


Fig.65

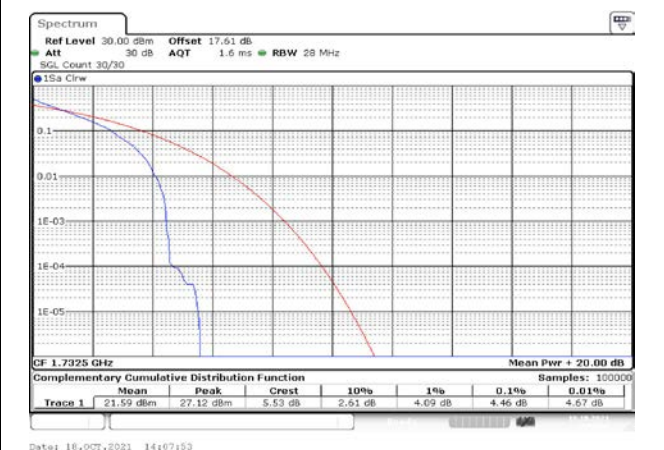


Fig.66

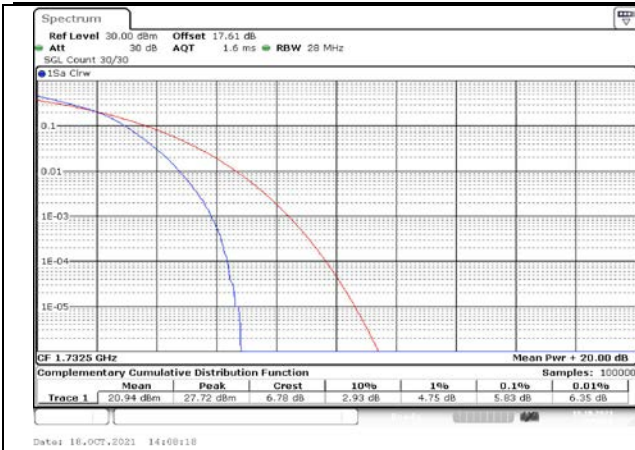


Fig.67

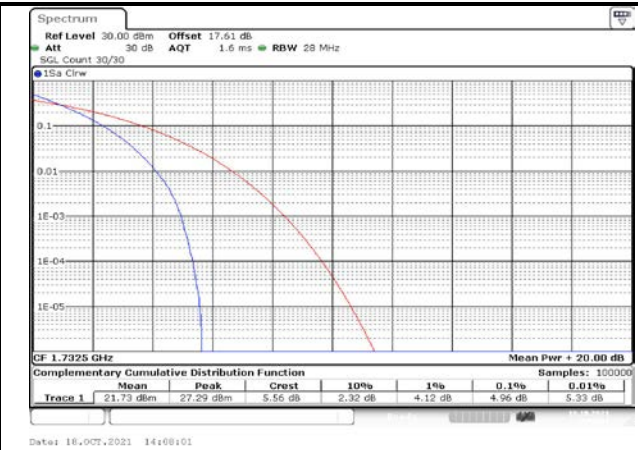


Fig.68

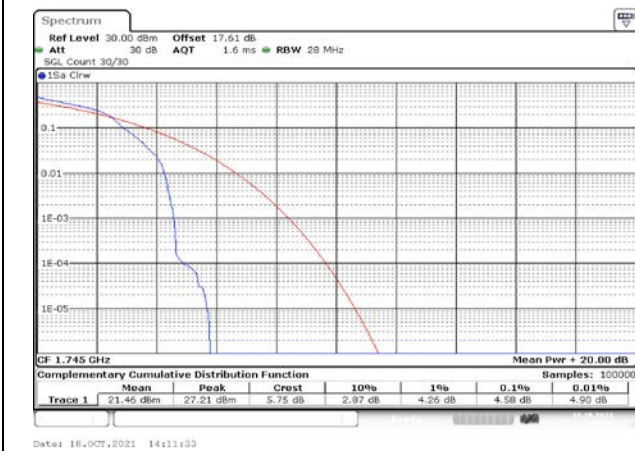


Fig.69

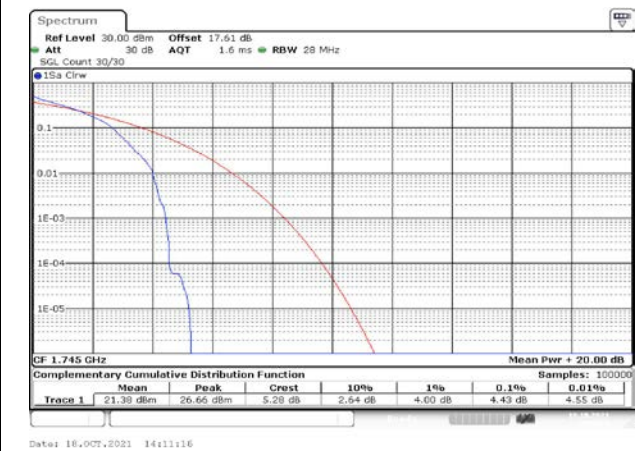


Fig.70

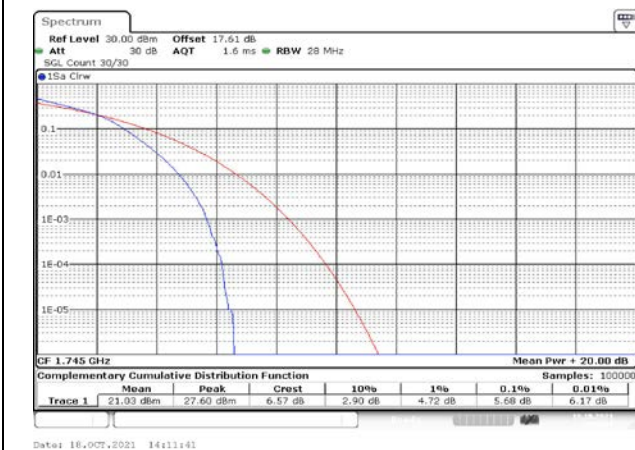


Fig.71

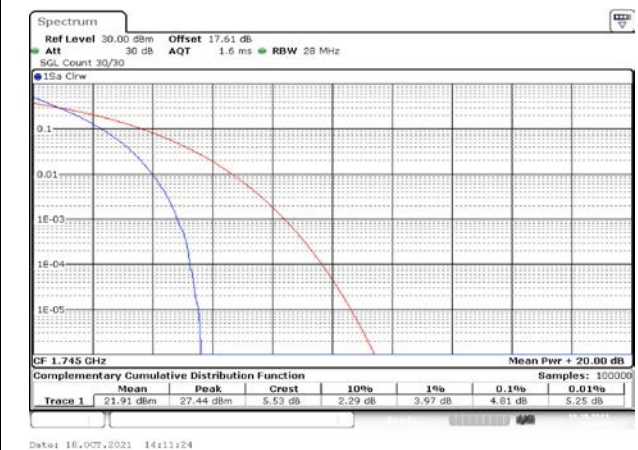


Fig.72

## 5 Spurious Emissions at antenna terminal

| Band | Carrier frequency (MHz) | Channel | BW | RB Size | RB Offset | Conducted Spurious Plot |
|------|-------------------------|---------|----|---------|-----------|-------------------------|
|      |                         |         |    |         |           | QPSK                    |
| 4    | 1720                    | 20050   | 20 | 1       | 0         | Fig.1                   |
|      | 1732.5                  | 20175   |    | 1       | 0         | Fig.2                   |
|      | 1745                    | 20300   |    | 1       | 0         | Fig.3                   |

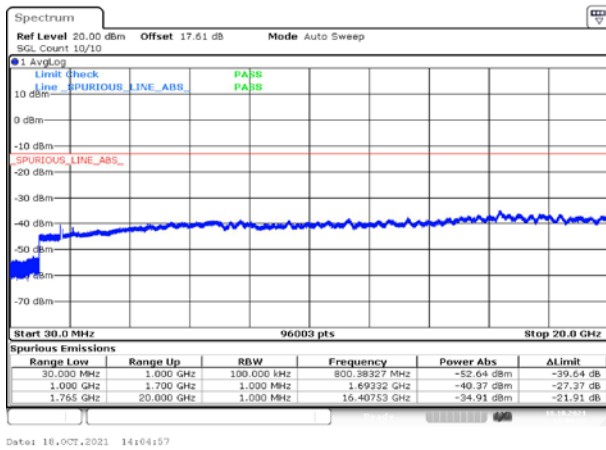


Fig.1

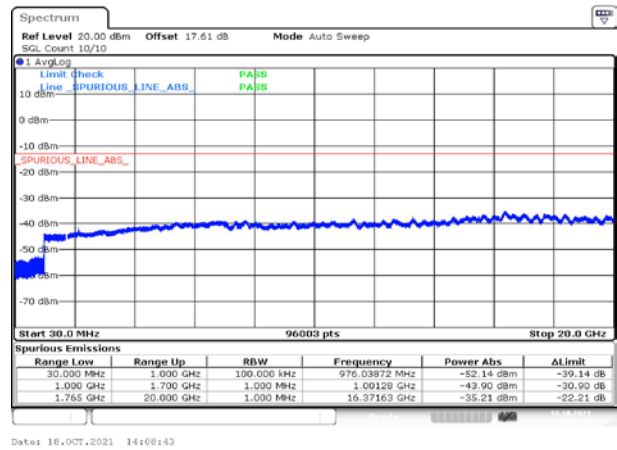


Fig.2

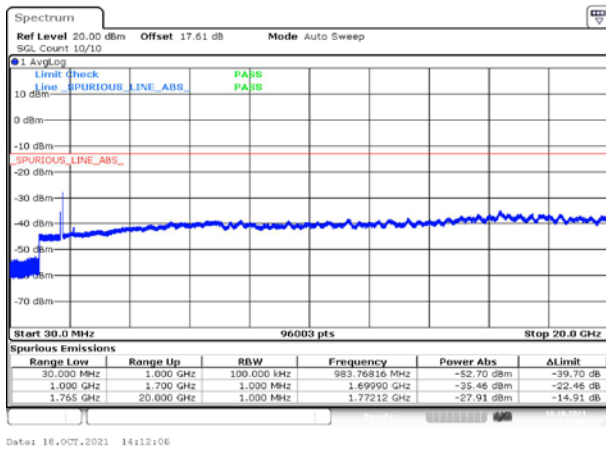
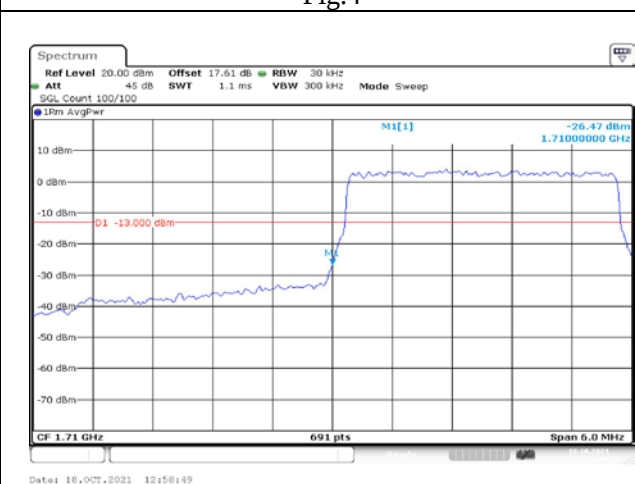
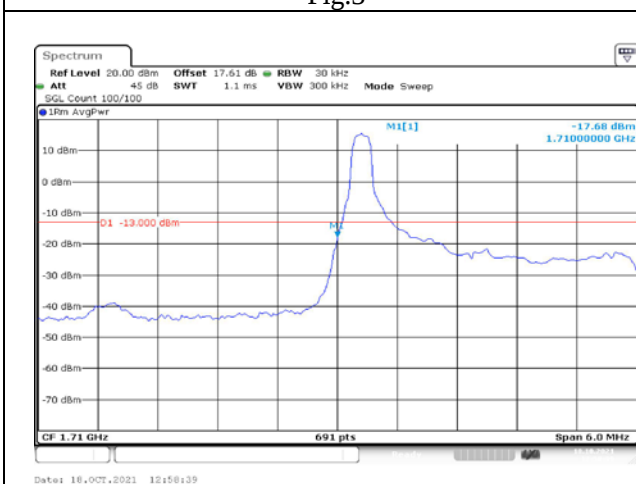
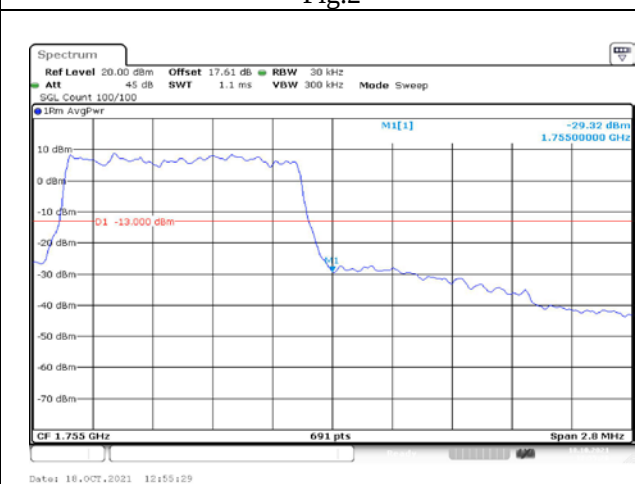
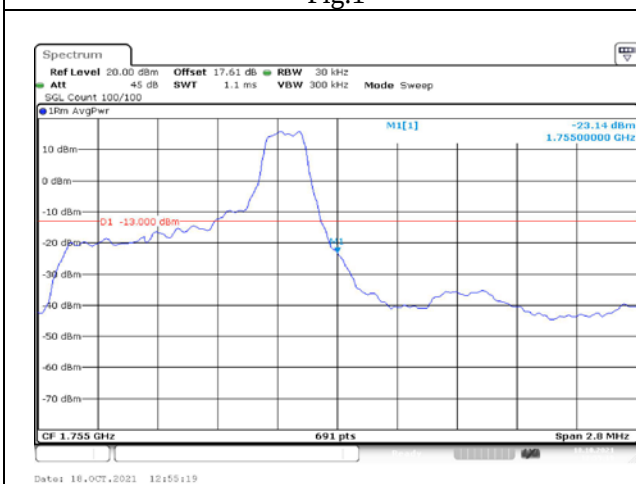
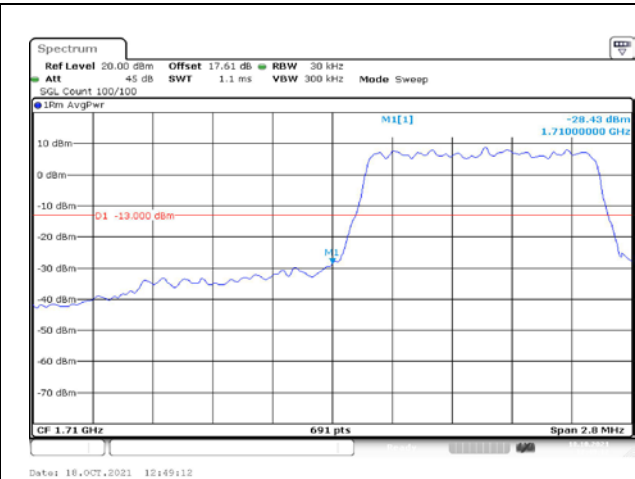
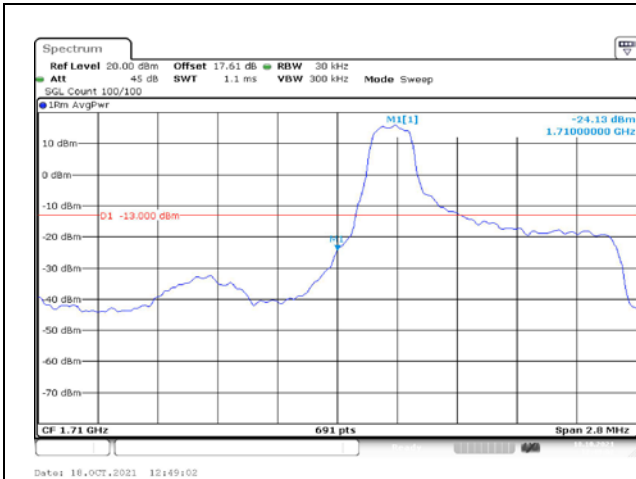
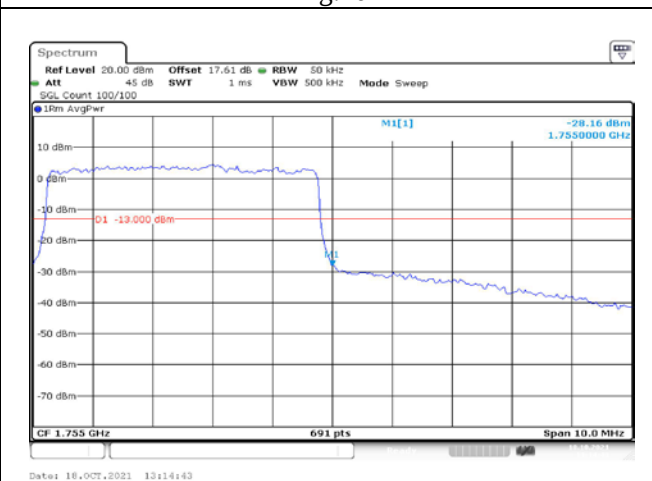
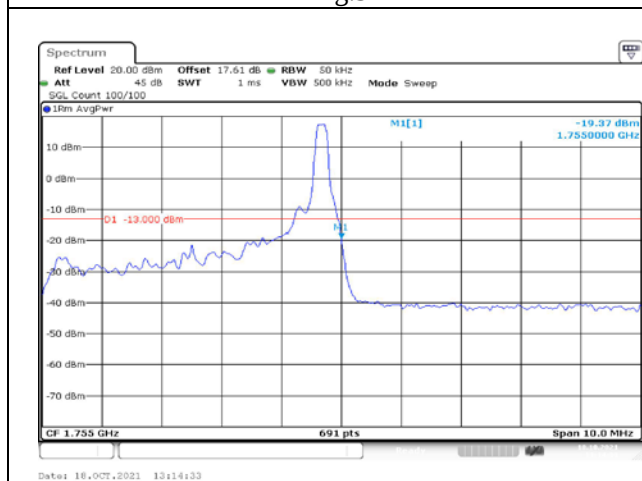
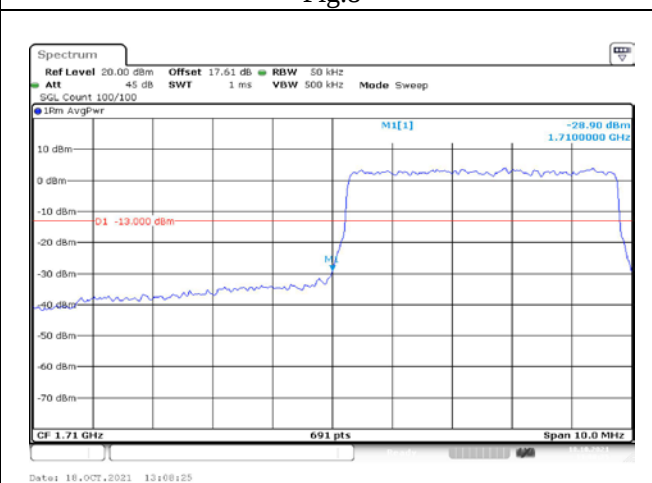
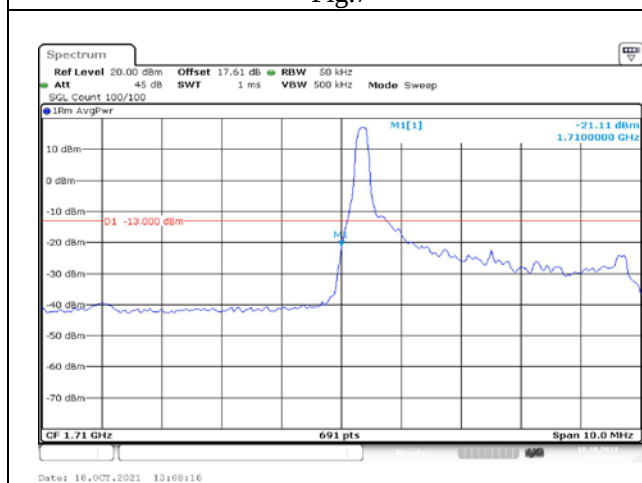
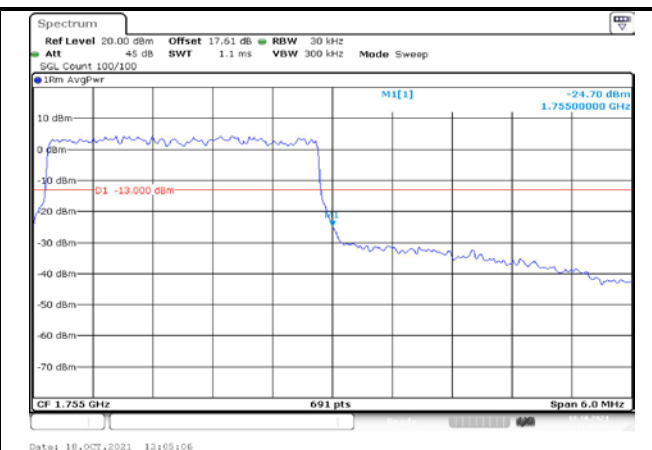
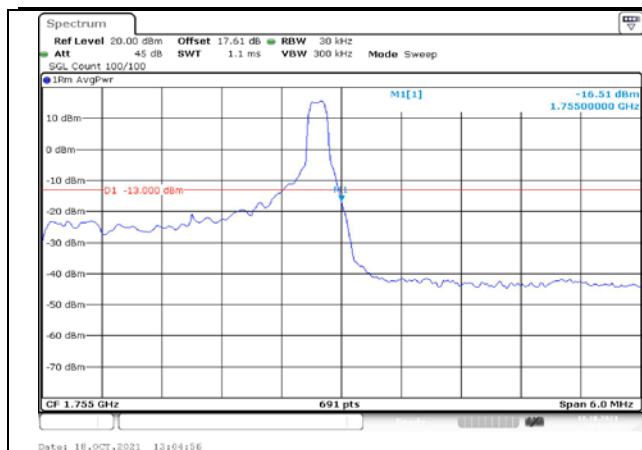


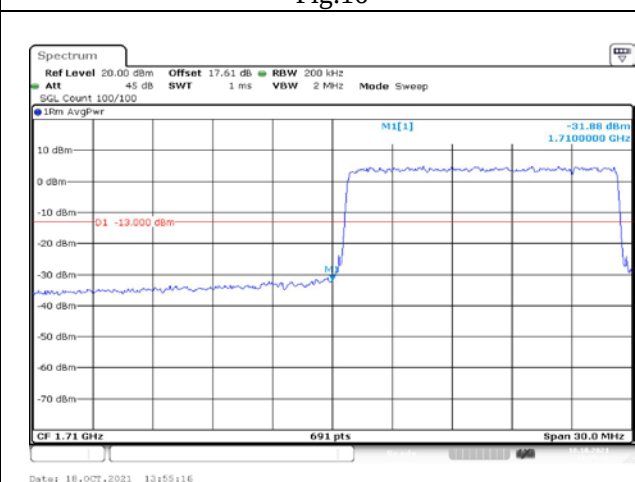
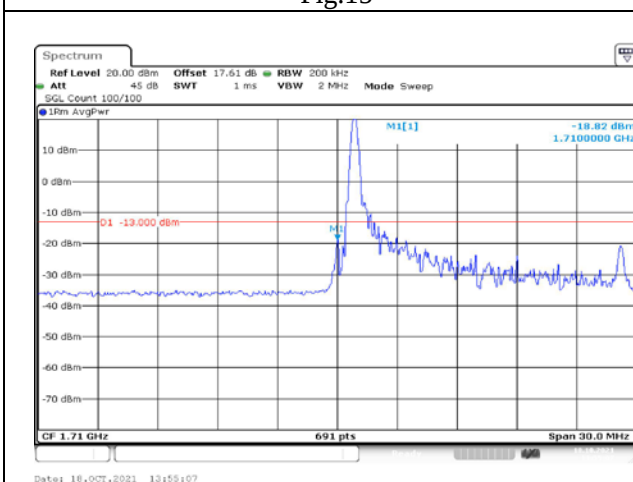
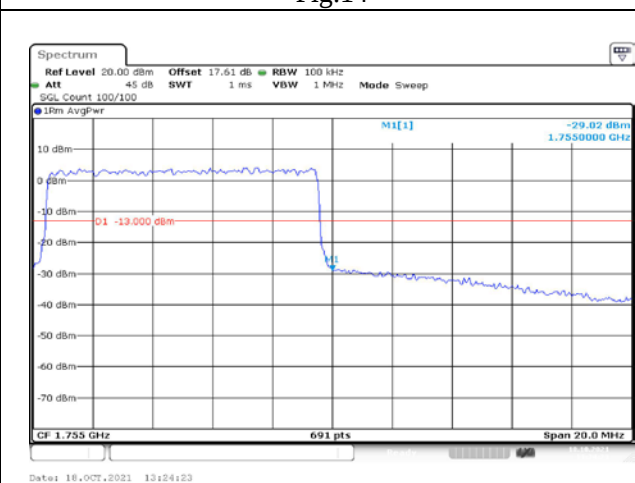
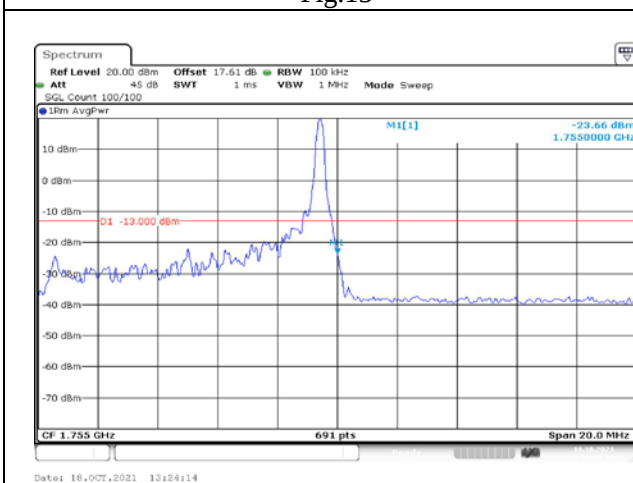
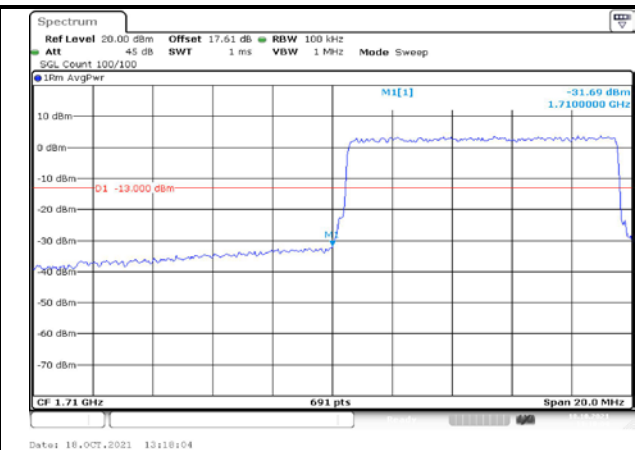
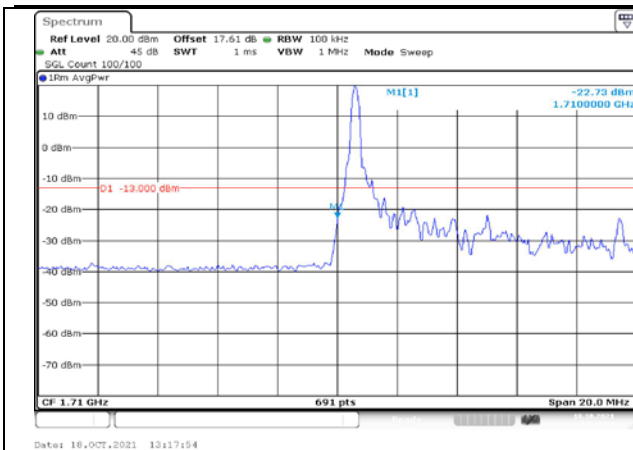
Fig.3

## 6 Band Edges Compliance

| Band Edges Compliance |                         |         |     |         |           |                 |       |
|-----------------------|-------------------------|---------|-----|---------|-----------|-----------------|-------|
| Band                  | Carrier frequency (MHz) | Channel | BW  | RB Size | RB Offset | Band Edges Plot |       |
|                       |                         |         |     |         |           | QPSK            |       |
| 4                     | 1710.7                  | 19957   | 1.4 | 1       | 0         | Fig.1           |       |
|                       |                         |         |     | 6       | 0         | Fig.2           |       |
|                       |                         | 1754.3  |     | 20393   | 1         | 5               | Fig.3 |
|                       |                         |         |     |         | 6         | 0               | Fig.4 |
|                       | 1711.5                  | 19965   | 3   | 1       | 0         | Fig.5           |       |
|                       |                         |         |     | 15      | 0         | Fig.6           |       |
|                       |                         |         |     | 1       | 14        | Fig.7           |       |
|                       |                         |         |     | 15      | 0         | Fig.8           |       |
|                       | 1712.5                  | 19975   | 5   | 1       | 0         | Fig.9           |       |
|                       |                         |         |     | 25      | 0         | Fig.10          |       |
|                       |                         |         |     | 1       | 24        | Fig.11          |       |
|                       |                         |         |     | 25      | 0         | Fig.12          |       |
|                       | 1715                    | 20000   | 10  | 1       | 0         | Fig.13          |       |
|                       |                         |         |     | 50      | 0         | Fig.14          |       |
|                       |                         |         |     | 1       | 49        | Fig.15          |       |
|                       |                         |         |     | 50      | 0         | Fig.16          |       |
|                       | 1717.5                  | 20025   | 15  | 1       | 0         | Fig.17          |       |
|                       |                         |         |     | 75      | 0         | Fig.18          |       |
|                       |                         |         |     | 1       | 74        | Fig.19          |       |
|                       |                         |         |     | 75      | 0         | Fig.20          |       |
|                       | 1720                    | 20050   | 20  | 1       | 0         | Fig.21          |       |
|                       |                         |         |     | 100     | 0         | Fig.22          |       |
|                       |                         |         |     | 1       | 99        | Fig.23          |       |
|                       |                         |         |     | 100     | 0         | Fig.24          |       |
| 1745                  | 20300                   |         |     |         |           |                 |       |







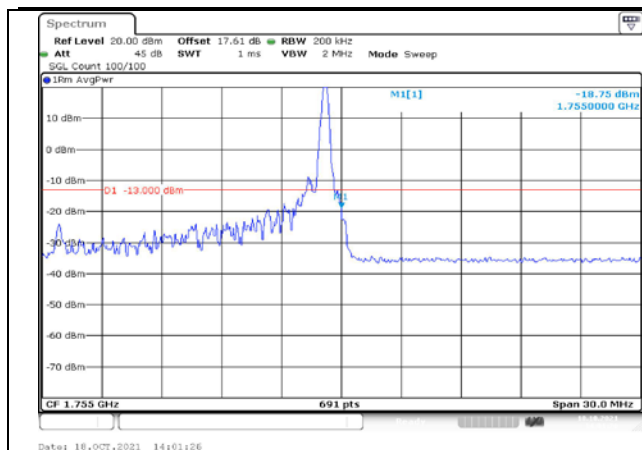


Fig.19

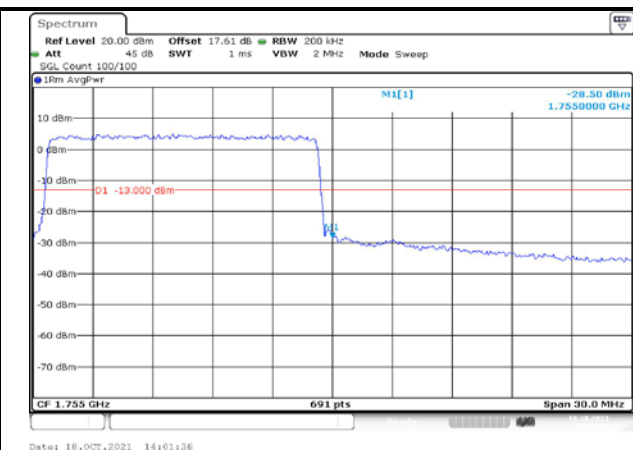


Fig.20

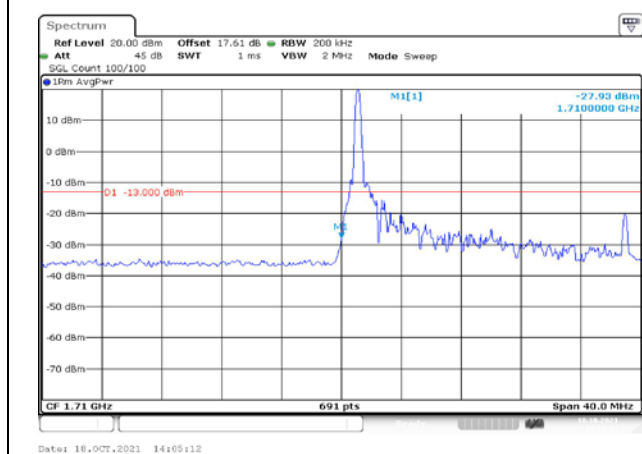


Fig.21

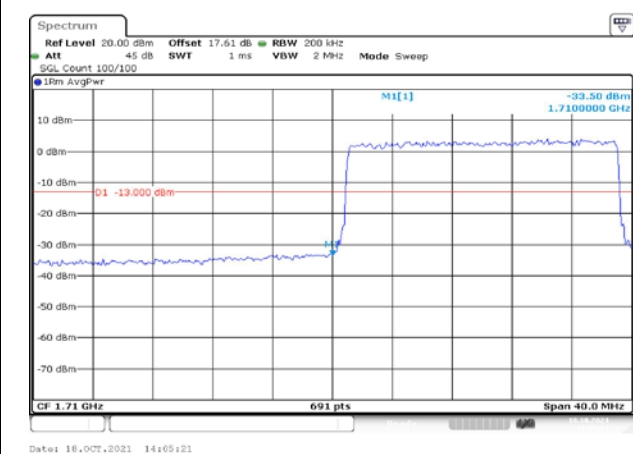


Fig.22

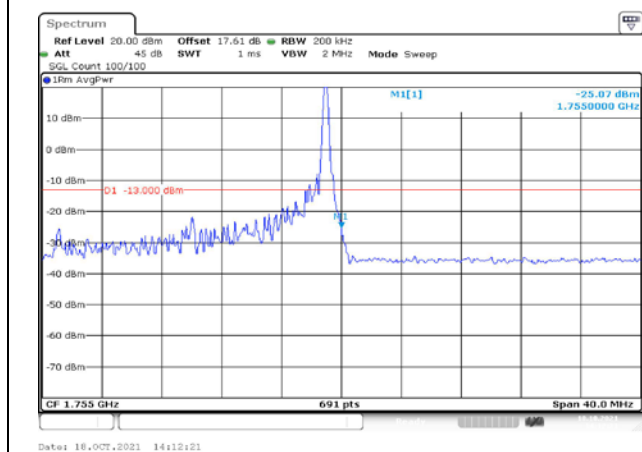


Fig.23

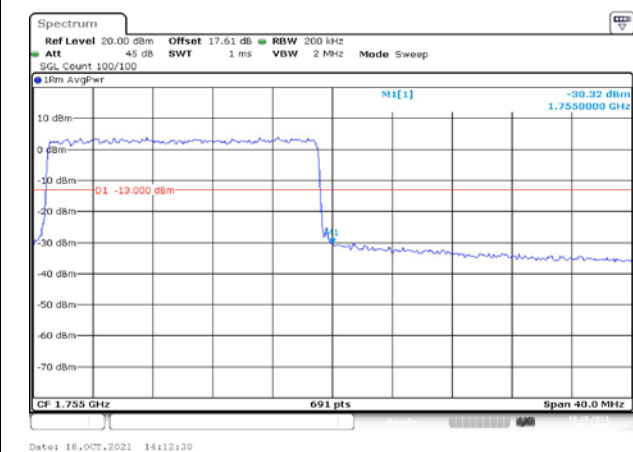


Fig.24

## 7 Frequency Stability

| Temperature(°C) | Voltage | Test Result (ppm) Band 4 Low Channel QPSK |        |        |        |        |        |
|-----------------|---------|-------------------------------------------|--------|--------|--------|--------|--------|
|                 |         | 1.4M                                      | 3M     | 5M     | 10M    | 15M    | 20M    |
| -30             | NV      | 0.007                                     | 0.019  | 0.039  | 0.005  | -0.017 | -0.048 |
| -20             | NV      | -0.013                                    | 0.047  | 0.031  | 0.001  | -0.015 | 0.037  |
| -10             | NV      | 0.028                                     | -0.015 | -0.003 | -0.002 | 0.004  | -0.046 |
| 0               | NV      | -0.050                                    | -0.021 | -0.006 | 0.031  | 0.015  | -0.004 |
| +10             | NV      | 0.020                                     | 0.002  | -0.045 | 0.050  | 0.036  | 0.001  |
| +30             | NV      | 0.024                                     | 0.029  | -0.030 | 0.000  | -0.038 | -0.045 |
| +40             | NV      | 0.016                                     | 0.027  | 0.014  | 0.022  | -0.014 | 0.040  |
| +50             | NV      | -0.047                                    | 0.035  | -0.015 | 0.003  | -0.031 | 0.025  |
| +20             | LV      | 0.006                                     | 0.026  | -0.002 | 0.009  | 0.013  | -0.050 |
| +20             | HV      | 0.034                                     | 0.043  | -0.049 | 0.027  | 0.049  | -0.008 |

| Temperature(°C) | Voltage | Test Result (ppm) Band 4 High Channel QPSK |        |        |        |        |        |
|-----------------|---------|--------------------------------------------|--------|--------|--------|--------|--------|
|                 |         | 1.4M                                       | 3M     | 5M     | 10M    | 15M    | 20M    |
| -30             | NV      | 0.030                                      | 0.003  | -0.019 | -0.039 | 0.036  | -0.007 |
| -20             | NV      | -0.007                                     | -0.002 | -0.002 | 0.009  | 0.036  | -0.013 |
| -10             | NV      | 0.028                                      | 0.042  | 0.039  | -0.007 | -0.050 | -0.009 |
| 0               | NV      | 0.006                                      | -0.034 | -0.002 | 0.049  | -0.033 | -0.028 |
| +10             | NV      | -0.005                                     | 0.020  | -0.001 | -0.038 | -0.006 | -0.035 |
| +30             | NV      | 0.017                                      | -0.032 | 0.020  | 0.027  | 0.005  | -0.031 |
| +40             | NV      | -0.001                                     | 0.047  | 0.014  | -0.030 | 0.002  | -0.031 |
| +50             | NV      | -0.034                                     | 0.005  | 0.016  | -0.006 | -0.027 | 0.018  |
| +20             | LV      | 0.046                                      | -0.020 | 0.034  | 0.004  | -0.035 | -0.047 |
| +20             | HV      | -0.049                                     | 0.001  | 0.013  | 0.045  | 0.034  | -0.002 |

## 8 Effective Radiated Power and Effective Isotropic Radiated Power

| Modulation | Carrier frequen-<br>cy<br>(MHz) | UL<br>Channel | BW  | RB Size | RB<br>Offset | Conduct<br>ed<br>power<br>(dBm) | ERP/<br>EIRP<br>(dBm) | ERP/<br>EIRP<br>(W) |
|------------|---------------------------------|---------------|-----|---------|--------------|---------------------------------|-----------------------|---------------------|
| 16QAM      | 1710.7                          | 19957         | 1.4 | 1       | 0            | 23.44                           | 21.94                 | 0.156               |
|            |                                 |               |     | 1       | 3            | 23.34                           | 21.84                 | 0.153               |
|            |                                 |               |     | 1       | 5            | 23.41                           | 21.91                 | 0.155               |
|            |                                 |               |     | 3       | 0            | 23.49                           | 21.99                 | 0.158               |
|            |                                 |               |     | 3       | 1            | 23.43                           | 21.93                 | 0.156               |
|            |                                 |               |     | 3       | 3            | 23.41                           | 21.91                 | 0.155               |
|            |                                 |               |     | 6       | 0            | 22.44                           | 20.94                 | 0.124               |
|            | 1732.5                          | 20175         |     | 1       | 0            | 23.79                           | 22.29                 | 0.169               |
|            |                                 |               |     | 1       | 3            | 23.78                           | 22.28                 | 0.169               |
|            |                                 |               |     | 1       | 5            | 23.83                           | 22.33                 | 0.171               |
|            |                                 |               |     | 3       | 0            | 23.26                           | 21.76                 | 0.150               |
|            |                                 |               |     | 3       | 1            | 23.32                           | 21.82                 | 0.152               |
|            |                                 |               |     | 3       | 3            | 23.26                           | 21.76                 | 0.150               |
|            |                                 |               |     | 6       | 0            | 22.51                           | 21.01                 | 0.126               |
|            | 1754.3                          | 20393         |     | 1       | 0            | 23.29                           | 21.79                 | 0.151               |
|            |                                 |               |     | 1       | 3            | 23.35                           | 21.85                 | 0.153               |
|            |                                 |               |     | 1       | 5            | 23.27                           | 21.77                 | 0.150               |
|            |                                 |               |     | 3       | 0            | 23.20                           | 21.70                 | 0.148               |
|            |                                 |               |     | 3       | 1            | 23.26                           | 21.76                 | 0.150               |
|            |                                 |               |     | 3       | 3            | 23.17                           | 21.67                 | 0.147               |
|            |                                 |               |     | 6       | 0            | 22.33                           | 20.83                 | 0.121               |

| Modulation | Carrier frequency (MHz) | UL Channel | BW  | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|-----|---------|-----------|------------------------|-----------------|---------------|
| QPSK       | 1710.7                  | 19957      | 1.4 | 1       | 0         | 23.60                  | 22.10           | 0.162         |
|            |                         |            |     | 1       | 3         | 23.61                  | 22.11           | 0.163         |
|            |                         |            |     | 1       | 5         | 23.47                  | 21.97           | 0.157         |
|            |                         |            |     | 3       | 0         | 23.76                  | 22.26           | 0.168         |
|            |                         |            |     | 3       | 1         | 23.63                  | 22.13           | 0.163         |
|            |                         |            |     | 3       | 3         | 23.72                  | 22.22           | 0.167         |
|            |                         |            |     | 6       | 0         | 23.21                  | 21.71           | 0.148         |
|            | 1732.5                  | 20175      |     | 1       | 0         | 23.71                  | 22.21           | 0.166         |
|            |                         |            |     | 1       | 3         | 23.73                  | 22.23           | 0.167         |
|            |                         |            |     | 1       | 5         | 23.73                  | 22.23           | 0.167         |
|            |                         |            |     | 3       | 0         | 23.76                  | 22.26           | 0.168         |
|            |                         |            |     | 3       | 1         | 23.71                  | 22.21           | 0.166         |
|            |                         |            |     | 3       | 3         | 23.74                  | 22.24           | 0.167         |
|            |                         |            |     | 6       | 0         | 23.13                  | 21.63           | 0.146         |
|            | 1754.3                  | 20393      |     | 1       | 0         | 24.14                  | 22.64           | 0.184         |
|            |                         |            |     | 1       | 3         | 24.17                  | 22.67           | 0.185         |
|            |                         |            |     | 1       | 5         | 24.15                  | 22.65           | 0.184         |
|            |                         |            |     | 3       | 0         | 23.84                  | 22.34           | 0.171         |
|            |                         |            |     | 3       | 1         | 23.86                  | 22.36           | 0.172         |
|            |                         |            |     | 3       | 3         | 23.79                  | 22.29           | 0.169         |
|            |                         |            |     | 6       | 0         | 23.26                  | 21.76           | 0.150         |

| Modulation | Carrier frequern<br>cy<br>(MHz) | UL<br>Channel | BW | RB Size | RB<br>Offset | Conduct<br>ed<br>power<br>(dBm) | ERP/<br>EIRP<br>(dBm) | ERP/<br>EIRP<br>(W) |
|------------|---------------------------------|---------------|----|---------|--------------|---------------------------------|-----------------------|---------------------|
| 16QAM      | 1711.5                          | 19965         | 3  | 1       | 0            | 23.39                           | 21.89                 | 0.155               |
|            |                                 |               |    | 1       | 8            | 23.37                           | 21.87                 | 0.154               |
|            |                                 |               |    | 1       | 14           | 23.36                           | 21.86                 | 0.153               |
|            |                                 |               |    | 8       | 0            | 22.34                           | 20.84                 | 0.121               |
|            |                                 |               |    | 8       | 4            | 22.33                           | 20.83                 | 0.121               |
|            |                                 |               |    | 8       | 7            | 22.30                           | 20.80                 | 0.120               |
|            |                                 |               |    | 15      | 0            | 22.26                           | 20.76                 | 0.119               |
|            | 1732.5                          | 20175         |    | 1       | 0            | 23.80                           | 22.30                 | 0.170               |
|            |                                 |               |    | 1       | 8            | 23.73                           | 22.23                 | 0.167               |
|            |                                 |               |    | 1       | 14           | 23.75                           | 22.25                 | 0.168               |
|            |                                 |               |    | 8       | 0            | 22.27                           | 20.77                 | 0.119               |
|            |                                 |               |    | 8       | 4            | 22.21                           | 20.71                 | 0.118               |
|            |                                 |               |    | 8       | 7            | 22.29                           | 20.79                 | 0.120               |
|            |                                 |               |    | 15      | 0            | 22.36                           | 20.86                 | 0.122               |
|            | 1753.5                          | 20385         |    | 1       | 0            | 23.30                           | 21.80                 | 0.151               |
|            |                                 |               |    | 1       | 8            | 23.33                           | 21.83                 | 0.152               |
|            |                                 |               |    | 1       | 14           | 23.36                           | 21.86                 | 0.153               |
|            |                                 |               |    | 8       | 0            | 22.18                           | 20.68                 | 0.117               |
|            |                                 |               |    | 8       | 4            | 22.19                           | 20.69                 | 0.117               |
|            |                                 |               |    | 8       | 7            | 22.23                           | 20.73                 | 0.118               |
|            |                                 |               |    | 15      | 0            | 22.44                           | 20.94                 | 0.124               |

| Modulation | Carrier frequern<br>cy<br>(MHz) | UL<br>Channel | BW | RB Size | RB<br>Offset | Conduct<br>ed<br>power<br>(dBm) | ERP/<br>EIRP<br>(dBm) | ERP/<br>EIRP<br>(W) |
|------------|---------------------------------|---------------|----|---------|--------------|---------------------------------|-----------------------|---------------------|
| QPSK       | 1711.5                          | 19965         | 3  | 1       | 0            | 23.65                           | 22.15                 | 0.164               |
|            |                                 |               |    | 1       | 8            | 23.62                           | 22.12                 | 0.163               |
|            |                                 |               |    | 1       | 14           | 23.72                           | 22.22                 | 0.167               |
|            |                                 |               |    | 8       | 0            | 23.16                           | 21.66                 | 0.147               |
|            |                                 |               |    | 8       | 4            | 23.24                           | 21.74                 | 0.149               |
|            |                                 |               |    | 8       | 7            | 23.16                           | 21.66                 | 0.147               |
|            |                                 |               |    | 15      | 0            | 23.19                           | 21.69                 | 0.148               |
|            | 1732.5                          | 20175         |    | 1       | 0            | 23.68                           | 22.18                 | 0.165               |
|            |                                 |               |    | 1       | 8            | 23.62                           | 22.12                 | 0.163               |
|            |                                 |               |    | 1       | 14           | 23.70                           | 22.20                 | 0.166               |
|            |                                 |               |    | 8       | 0            | 23.21                           | 21.71                 | 0.148               |
|            |                                 |               |    | 8       | 4            | 23.07                           | 21.57                 | 0.144               |
|            |                                 |               |    | 8       | 7            | 23.13                           | 21.63                 | 0.146               |
|            |                                 |               |    | 15      | 0            | 23.12                           | 21.62                 | 0.145               |
|            | 1753.5                          | 20385         |    | 1       | 0            | 24.13                           | 22.63                 | 0.183               |
|            |                                 |               |    | 1       | 8            | 24.06                           | 22.56                 | 0.180               |
|            |                                 |               |    | 1       | 14           | 24.18                           | 22.68                 | 0.185               |
|            |                                 |               |    | 8       | 0            | 23.27                           | 21.77                 | 0.150               |
|            |                                 |               |    | 8       | 4            | 23.27                           | 21.77                 | 0.150               |
|            |                                 |               |    | 8       | 7            | 23.33                           | 21.83                 | 0.152               |
|            |                                 |               |    | 15      | 0            | 23.38                           | 21.88                 | 0.154               |

| Modulation | Carrier frequen<br>cy<br>(MHz) | UL<br>Channel | BW | RB Size | RB<br>Offset | Conduct<br>ed<br>power<br>(dBm) | ERP/<br>EIRP<br>(dBm) | ERP/<br>EIRP<br>(W) |
|------------|--------------------------------|---------------|----|---------|--------------|---------------------------------|-----------------------|---------------------|
| 16QAM      | 1712.5                         | 19975         | 5  | 1       | 0            | 22.85                           | 21.35                 | 0.136               |
|            |                                |               |    | 1       | 12           | 22.85                           | 21.35                 | 0.136               |
|            |                                |               |    | 1       | 24           | 22.68                           | 21.18                 | 0.131               |
|            |                                |               |    | 12      | 0            | 22.20                           | 20.70                 | 0.117               |
|            |                                |               |    | 12      | 7            | 22.12                           | 20.62                 | 0.115               |
|            |                                |               |    | 12      | 13           | 22.17                           | 20.67                 | 0.117               |
|            |                                |               |    | 25      | 0            | 22.32                           | 20.82                 | 0.121               |
|            | 1732.5                         | 20175         |    | 1       | 0            | 23.35                           | 21.85                 | 0.153               |
|            |                                |               |    | 1       | 12           | 23.23                           | 21.73                 | 0.149               |
|            |                                |               |    | 1       | 24           | 23.24                           | 21.74                 | 0.149               |
|            |                                |               |    | 12      | 0            | 22.04                           | 20.54                 | 0.113               |
|            |                                |               |    | 12      | 7            | 21.99                           | 20.49                 | 0.112               |
|            |                                |               |    | 12      | 13           | 22.02                           | 20.52                 | 0.113               |
|            |                                |               |    | 25      | 0            | 22.18                           | 20.68                 | 0.117               |
|            | 1752.5                         | 20375         |    | 1       | 0            | 23.48                           | 21.98                 | 0.158               |
|            |                                |               |    | 1       | 12           | 23.55                           | 22.05                 | 0.160               |
|            |                                |               |    | 1       | 24           | 23.58                           | 22.08                 | 0.161               |
|            |                                |               |    | 12      | 0            | 22.18                           | 20.68                 | 0.117               |
|            |                                |               |    | 12      | 7            | 22.30                           | 20.80                 | 0.120               |
|            |                                |               |    | 12      | 13           | 22.23                           | 20.73                 | 0.118               |
|            |                                |               |    | 25      | 0            | 22.46                           | 20.96                 | 0.125               |

| Modulation | Carrier frequern<br>cy<br>(MHz) | UL<br>Channel | BW | RB Size | RB<br>Offset | Conduct<br>ed<br>power<br>(dBm) | ERP/<br>EIRP<br>(dBm) | ERP/<br>EIRP<br>(W) |
|------------|---------------------------------|---------------|----|---------|--------------|---------------------------------|-----------------------|---------------------|
| QPSK       | 1712.5                          | 19975         | 5  | 1       | 0            | 23.83                           | 22.33                 | 0.171               |
|            |                                 |               |    | 1       | 12           | 23.69                           | 22.19                 | 0.166               |
|            |                                 |               |    | 1       | 24           | 23.71                           | 22.21                 | 0.166               |
|            |                                 |               |    | 12      | 0            | 23.19                           | 21.69                 | 0.148               |
|            |                                 |               |    | 12      | 7            | 23.11                           | 21.61                 | 0.145               |
|            |                                 |               |    | 12      | 13           | 23.17                           | 21.67                 | 0.147               |
|            |                                 |               |    | 25      | 0            | 23.19                           | 21.69                 | 0.148               |
|            | 1732.5                          | 20175         |    | 1       | 0            | 23.54                           | 22.04                 | 0.160               |
|            |                                 |               |    | 1       | 12           | 23.40                           | 21.90                 | 0.155               |
|            |                                 |               |    | 1       | 24           | 23.58                           | 22.08                 | 0.161               |
|            |                                 |               |    | 12      | 0            | 23.21                           | 21.71                 | 0.148               |
|            |                                 |               |    | 12      | 7            | 23.24                           | 21.74                 | 0.149               |
|            |                                 |               |    | 12      | 13           | 23.08                           | 21.58                 | 0.144               |
|            |                                 |               |    | 25      | 0            | 23.08                           | 21.58                 | 0.144               |
|            | 1752.5                          | 20375         |    | 1       | 0            | 23.87                           | 22.37                 | 0.173               |
|            |                                 |               |    | 1       | 12           | 23.93                           | 22.43                 | 0.175               |
|            |                                 |               |    | 1       | 24           | 23.93                           | 22.43                 | 0.175               |
|            |                                 |               |    | 12      | 0            | 23.24                           | 21.74                 | 0.149               |
|            |                                 |               |    | 12      | 7            | 23.33                           | 21.83                 | 0.152               |
|            |                                 |               |    | 12      | 13           | 23.34                           | 21.84                 | 0.153               |
|            |                                 |               |    | 25      | 0            | 23.42                           | 21.92                 | 0.156               |

| Modulation | Carrier frequen<br>cy<br>(MHz) | UL<br>Channel | BW | RB Size | RB<br>Offset | Conduct<br>ed<br>power<br>(dBm) | ERP/<br>EIRP<br>(dBm) | ERP/<br>EIRP<br>(W) |
|------------|--------------------------------|---------------|----|---------|--------------|---------------------------------|-----------------------|---------------------|
| 16QAM      | 1715                           | 20000         | 10 | 1       | 0            | 24.12                           | 22.62                 | 0.183               |
|            |                                |               |    | 1       | 25           | 24.09                           | 22.59                 | 0.182               |
|            |                                |               |    | 1       | 49           | 24.10                           | 22.60                 | 0.182               |
|            |                                |               |    | 25      | 0            | 22.35                           | 20.85                 | 0.122               |
|            |                                |               |    | 25      | 12           | 22.36                           | 20.86                 | 0.122               |
|            |                                |               |    | 25      | 25           | 22.29                           | 20.79                 | 0.120               |
|            |                                |               |    | 50      | 0            | 22.25                           | 20.75                 | 0.119               |
|            | 1732.5                         | 20175         |    | 1       | 0            | 23.60                           | 22.10                 | 0.162               |
|            |                                |               |    | 1       | 25           | 23.67                           | 22.17                 | 0.165               |
|            |                                |               |    | 1       | 49           | 23.66                           | 22.16                 | 0.164               |
|            |                                |               |    | 25      | 0            | 22.30                           | 20.80                 | 0.120               |
|            |                                |               |    | 25      | 12           | 22.27                           | 20.77                 | 0.119               |
|            |                                |               |    | 25      | 25           | 22.28                           | 20.78                 | 0.120               |
|            |                                |               |    | 50      | 0            | 22.33                           | 20.83                 | 0.121               |
|            | 1750                           | 20350         |    | 1       | 0            | 23.58                           | 22.08                 | 0.161               |
|            |                                |               |    | 1       | 25           | 23.58                           | 22.08                 | 0.161               |
|            |                                |               |    | 1       | 49           | 23.62                           | 22.12                 | 0.163               |
|            |                                |               |    | 25      | 0            | 22.44                           | 20.94                 | 0.124               |
|            |                                |               |    | 25      | 12           | 22.42                           | 20.92                 | 0.124               |
|            |                                |               |    | 25      | 25           | 22.44                           | 20.94                 | 0.124               |
|            |                                |               |    | 50      | 0            | 22.43                           | 20.93                 | 0.124               |

| Modulation | Carrier frequen<br>cy<br>(MHz) | UL<br>Channel | BW | RB Size | RB<br>Offset | Conduct<br>ed<br>power<br>(dBm) | ERP/<br>EIRP<br>(dBm) | ERP/<br>EIRP<br>(W) |
|------------|--------------------------------|---------------|----|---------|--------------|---------------------------------|-----------------------|---------------------|
| QPSK       | 1715                           | 20000         | 10 | 1       | 0            | 23.87                           | 22.37                 | 0.173               |
|            |                                |               |    | 1       | 25           | 23.78                           | 22.28                 | 0.169               |
|            |                                |               |    | 1       | 49           | 23.78                           | 22.28                 | 0.169               |
|            |                                |               |    | 25      | 0            | 23.29                           | 21.79                 | 0.151               |
|            |                                |               |    | 25      | 12           | 23.12                           | 21.62                 | 0.145               |
|            |                                |               |    | 25      | 25           | 23.26                           | 21.76                 | 0.150               |
|            |                                |               |    | 50      | 0            | 23.11                           | 21.61                 | 0.145               |
|            | 1732.5                         | 20175         |    | 1       | 0            | 23.79                           | 22.29                 | 0.169               |
|            |                                |               |    | 1       | 25           | 23.78                           | 22.28                 | 0.169               |
|            |                                |               |    | 1       | 49           | 23.79                           | 22.29                 | 0.169               |
|            |                                |               |    | 25      | 0            | 23.19                           | 21.69                 | 0.148               |
|            |                                |               |    | 25      | 12           | 23.22                           | 21.72                 | 0.149               |
|            |                                |               |    | 25      | 25           | 23.14                           | 21.64                 | 0.146               |
|            |                                |               |    | 50      | 0            | 23.08                           | 21.58                 | 0.144               |
|            | 1750                           | 20350         |    | 1       | 0            | 23.78                           | 22.28                 | 0.169               |
|            |                                |               |    | 1       | 25           | 23.79                           | 22.29                 | 0.169               |
|            |                                |               |    | 1       | 49           | 23.81                           | 22.31                 | 0.170               |
|            |                                |               |    | 25      | 0            | 23.23                           | 21.73                 | 0.149               |
|            |                                |               |    | 25      | 12           | 23.29                           | 21.79                 | 0.151               |
|            |                                |               |    | 25      | 25           | 23.32                           | 21.82                 | 0.152               |
|            |                                |               |    | 50      | 0            | 23.27                           | 21.77                 | 0.150               |

| Modulation | Carrier frequen<br>cy<br>(MHz) | UL<br>Channel | BW | RB Size | RB<br>Offset | Conduct<br>ed<br>power<br>(dBm) | ERP/<br>EIRP<br>(dBm) | ERP/<br>EIRP<br>(W) |
|------------|--------------------------------|---------------|----|---------|--------------|---------------------------------|-----------------------|---------------------|
| 16QAM      | 1732.5                         | 20175         | 15 | 1       | 0            | 23.93                           | 22.43                 | 0.175               |
|            |                                |               |    | 1       | 37           | 23.94                           | 22.44                 | 0.175               |
|            |                                |               |    | 1       | 74           | 23.92                           | 22.42                 | 0.175               |
|            |                                |               |    | 36      | 0            | 22.47                           | 20.97                 | 0.125               |
|            |                                |               |    | 36      | 29           | 22.50                           | 21.00                 | 0.126               |
|            |                                |               |    | 36      | 30           | 22.51                           | 21.01                 | 0.126               |
|            |                                |               |    | 75      | 0            | 22.45                           | 20.95                 | 0.124               |
|            | 1747.5                         | 20325         |    | 1       | 0            | 23.80                           | 22.30                 | 0.170               |
|            |                                |               |    | 1       | 37           | 23.78                           | 22.28                 | 0.169               |
|            |                                |               |    | 1       | 74           | 23.80                           | 22.30                 | 0.170               |
|            |                                |               |    | 36      | 0            | 22.53                           | 21.03                 | 0.127               |
|            |                                |               |    | 36      | 29           | 22.45                           | 20.95                 | 0.124               |
|            |                                |               |    | 36      | 30           | 22.45                           | 20.95                 | 0.124               |
|            |                                |               |    | 75      | 0            | 22.50                           | 21.00                 | 0.126               |
|            | 1717.5                         | 20025         |    | 1       | 0            | 24.37                           | 22.87                 | 0.194               |
|            |                                |               |    | 1       | 37           | 24.14                           | 22.64                 | 0.184               |
|            |                                |               |    | 1       | 74           | 24.13                           | 22.63                 | 0.183               |
|            |                                |               |    | 36      | 0            | 22.47                           | 20.97                 | 0.125               |
|            |                                |               |    | 36      | 29           | 22.44                           | 20.94                 | 0.124               |
|            |                                |               |    | 36      | 30           | 22.34                           | 20.84                 | 0.121               |
|            |                                |               |    | 75      | 0            | 22.41                           | 20.91                 | 0.123               |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|------------------------|-----------------|---------------|
| QPSK       | 1732.5                  | 20175      | 15 | 1       | 0         | 23.88                  | 22.38           | 0.173         |
|            |                         |            |    | 1       | 37        | 23.83                  | 22.33           | 0.171         |
|            |                         |            |    | 1       | 74        | 23.89                  | 22.39           | 0.173         |
|            |                         |            |    | 36      | 0         | 23.34                  | 21.84           | 0.153         |
|            |                         |            |    | 36      | 29        | 23.24                  | 21.74           | 0.149         |
|            |                         |            |    | 36      | 30        | 23.24                  | 21.74           | 0.149         |
|            |                         |            |    | 75      | 0         | 23.38                  | 21.88           | 0.154         |
|            | 1747.5                  | 20325      |    | 1       | 0         | 23.74                  | 22.24           | 0.167         |
|            |                         |            |    | 1       | 37        | 23.87                  | 22.37           | 0.173         |
|            |                         |            |    | 1       | 74        | 23.85                  | 22.35           | 0.172         |
|            |                         |            |    | 36      | 0         | 23.49                  | 21.99           | 0.158         |
|            |                         |            |    | 36      | 29        | 23.39                  | 21.89           | 0.155         |
|            |                         |            |    | 36      | 30        | 23.39                  | 21.89           | 0.155         |
|            |                         |            |    | 75      | 0         | 23.38                  | 21.88           | 0.154         |
|            | 1717.5                  | 20025      |    | 1       | 0         | 23.90                  | 22.40           | 0.174         |
|            |                         |            |    | 1       | 37        | 23.68                  | 22.18           | 0.165         |
|            |                         |            |    | 1       | 74        | 23.88                  | 22.38           | 0.173         |
|            |                         |            |    | 36      | 0         | 23.30                  | 21.80           | 0.151         |
|            |                         |            |    | 36      | 29        | 23.26                  | 21.76           | 0.150         |
|            |                         |            |    | 36      | 30        | 23.38                  | 21.88           | 0.154         |
|            |                         |            |    | 75      | 0         | 23.30                  | 21.80           | 0.151         |

| Modulation | Carrier frequen<br>cy<br>(MHz) | UL<br>Channel | BW | RB Size | RB<br>Offset | Conduct<br>ed<br>power<br>(dBm) | ERP/<br>EIRP<br>(dBm) | ERP/<br>EIRP<br>(W) |
|------------|--------------------------------|---------------|----|---------|--------------|---------------------------------|-----------------------|---------------------|
| 16QAM      | 1720                           | 20050         | 20 | 1       | 0            | 23.72                           | 22.22                 | 0.167               |
|            |                                |               |    | 1       | 49           | 23.73                           | 22.23                 | 0.167               |
|            |                                |               |    | 1       | 99           | 23.76                           | 22.26                 | 0.168               |
|            |                                |               |    | 50      | 0            | 22.29                           | 20.79                 | 0.120               |
|            |                                |               |    | 50      | 24           | 22.31                           | 20.81                 | 0.121               |
|            |                                |               |    | 50      | 50           | 22.25                           | 20.75                 | 0.119               |
|            |                                |               |    | 100     | 0            | 22.22                           | 20.72                 | 0.118               |
|            | 1732.5                         | 20175         |    | 1       | 0            | 23.46                           | 21.96                 | 0.157               |
|            |                                |               |    | 1       | 49           | 23.37                           | 21.87                 | 0.154               |
|            |                                |               |    | 1       | 99           | 23.50                           | 22.00                 | 0.158               |
|            |                                |               |    | 50      | 0            | 22.31                           | 20.81                 | 0.121               |
|            |                                |               |    | 50      | 24           | 22.35                           | 20.85                 | 0.122               |
|            |                                |               |    | 50      | 50           | 22.37                           | 20.87                 | 0.122               |
|            |                                |               |    | 100     | 0            | 22.24                           | 20.74                 | 0.119               |
|            | 1745                           | 20300         |    | 1       | 0            | 23.37                           | 21.87                 | 0.154               |
|            |                                |               |    | 1       | 49           | 23.45                           | 21.95                 | 0.157               |
|            |                                |               |    | 1       | 99           | 23.51                           | 22.01                 | 0.159               |
|            |                                |               |    | 50      | 0            | 22.21                           | 20.71                 | 0.118               |
|            |                                |               |    | 50      | 24           | 22.35                           | 20.85                 | 0.122               |
|            |                                |               |    | 50      | 50           | 22.37                           | 20.87                 | 0.122               |
|            |                                |               |    | 100     | 0            | 22.41                           | 20.91                 | 0.123               |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|------------------------|-----------------|---------------|
| QPSK       | 1720                    | 20050      | 20 | 1       | 0         | 23.65                  | 22.15           | 0.164         |
|            |                         |            |    | 1       | 49        | 23.47                  | 21.97           | 0.157         |
|            |                         |            |    | 1       | 99        | 23.58                  | 22.08           | 0.161         |
|            |                         |            |    | 50      | 0         | 23.09                  | 21.59           | 0.144         |
|            |                         |            |    | 50      | 24        | 23.13                  | 21.63           | 0.146         |
|            |                         |            |    | 50      | 50        | 23.02                  | 21.52           | 0.142         |
|            |                         |            |    | 100     | 0         | 23.18                  | 21.68           | 0.147         |
|            | 1732.5                  | 20175      |    | 1       | 0         | 23.67                  | 22.17           | 0.165         |
|            |                         |            |    | 1       | 49        | 23.63                  | 22.13           | 0.163         |
|            |                         |            |    | 1       | 99        | 23.80                  | 22.30           | 0.170         |
|            |                         |            |    | 50      | 0         | 23.18                  | 21.68           | 0.147         |
|            |                         |            |    | 50      | 24        | 23.10                  | 21.60           | 0.145         |
|            |                         |            |    | 50      | 50        | 23.23                  | 21.73           | 0.149         |
|            |                         |            |    | 100     | 0         | 23.25                  | 21.75           | 0.150         |
|            | 1745                    | 20300      |    | 1       | 0         | 23.60                  | 22.10           | 0.162         |
|            |                         |            |    | 1       | 49        | 23.66                  | 22.16           | 0.164         |
|            |                         |            |    | 1       | 99        | 23.78                  | 22.28           | 0.169         |
|            |                         |            |    | 50      | 0         | 23.20                  | 21.70           | 0.148         |
|            |                         |            |    | 50      | 24        | 23.24                  | 21.74           | 0.149         |
|            |                         |            |    | 50      | 50        | 23.34                  | 21.84           | 0.153         |
|            |                         |            |    | 100     | 0         | 23.25                  | 21.75           | 0.150         |