

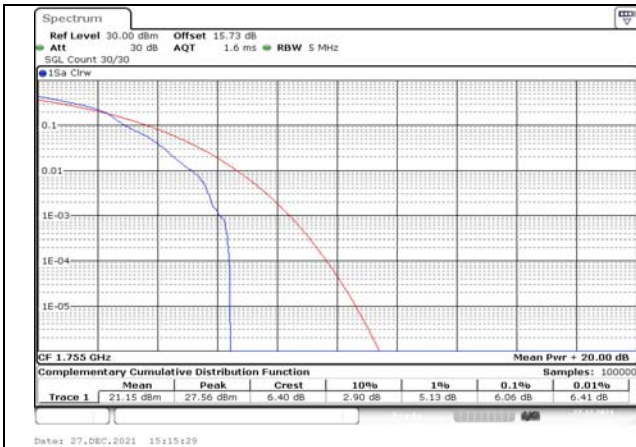


Fig.25

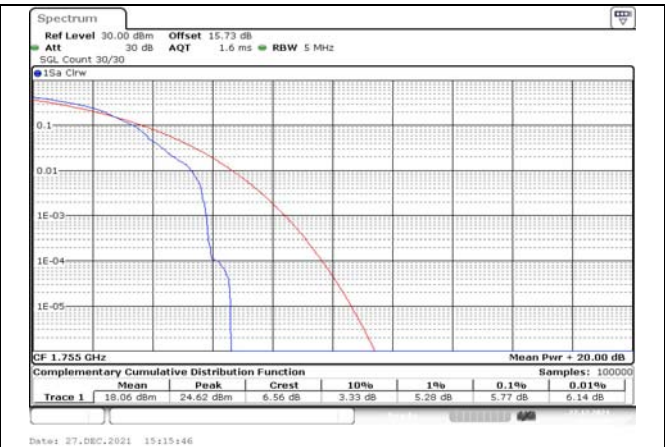


Fig.26

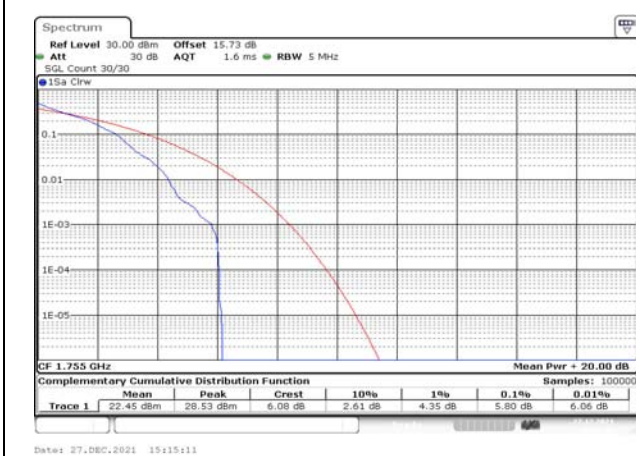


Fig.27

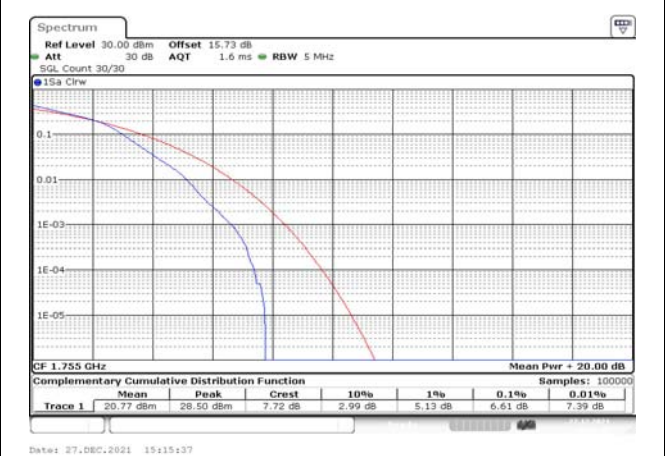


Fig.28

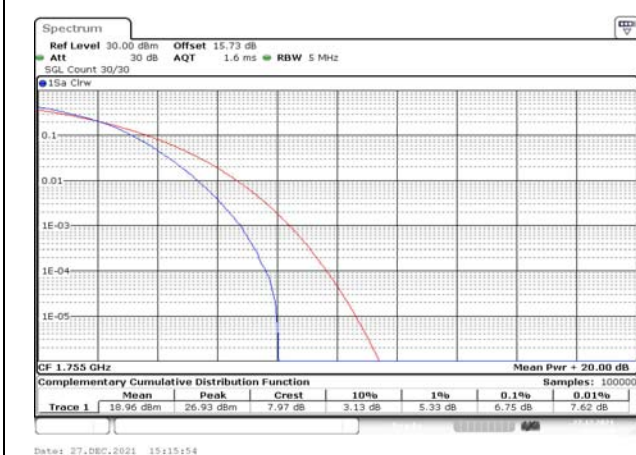


Fig.29

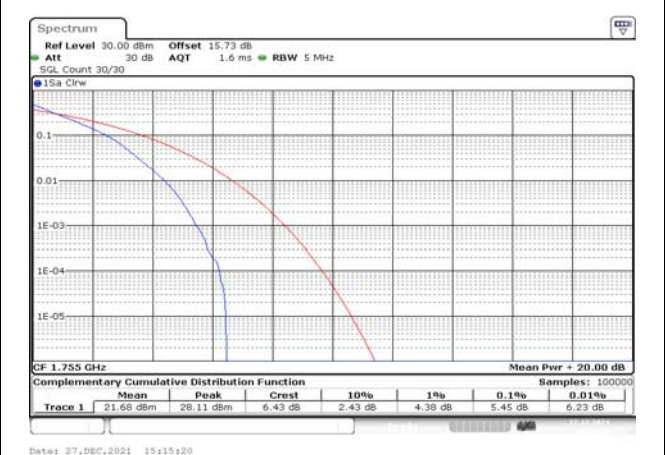


Fig.30

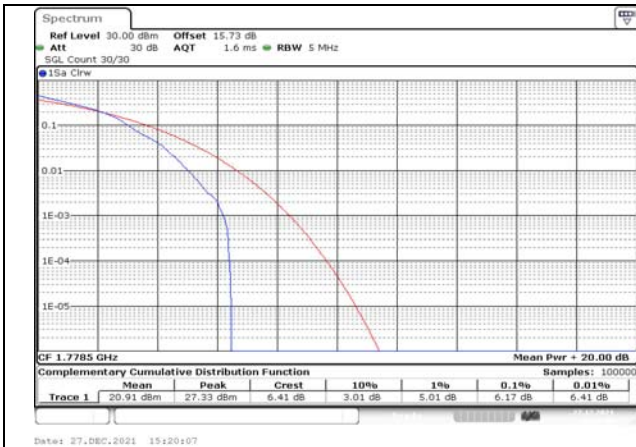


Fig.31

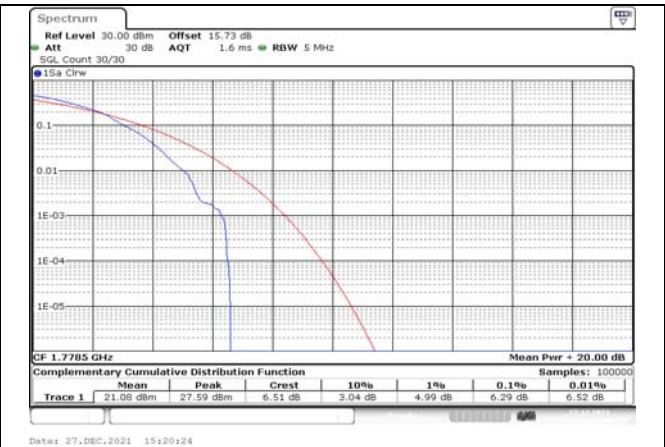


Fig.32

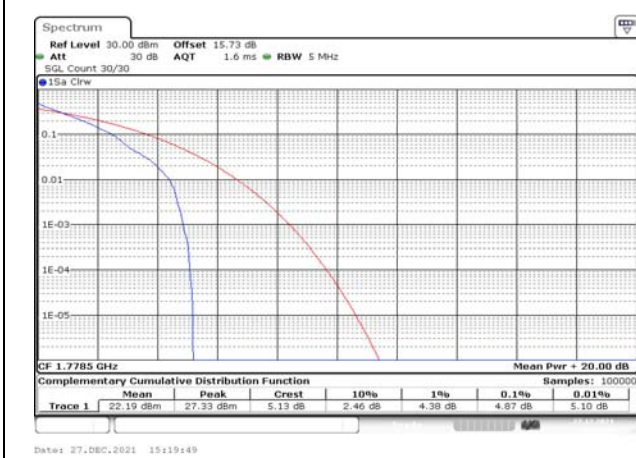


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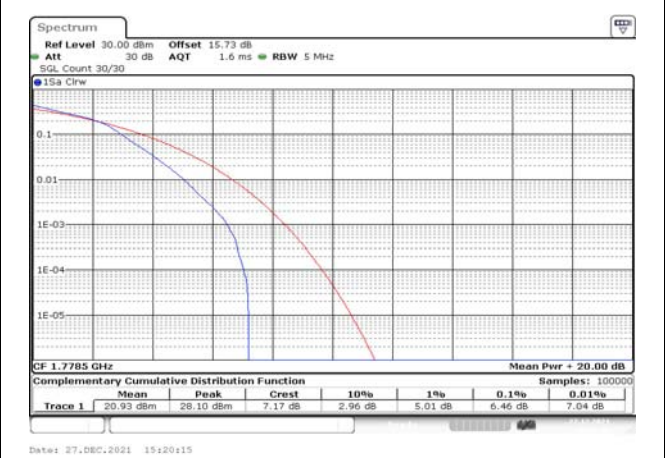


Fig.34

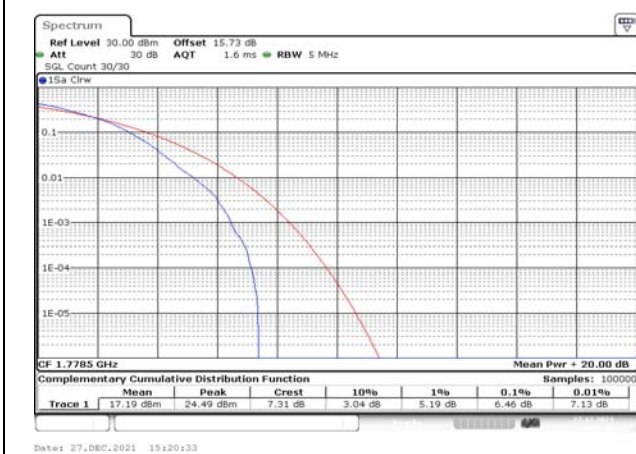


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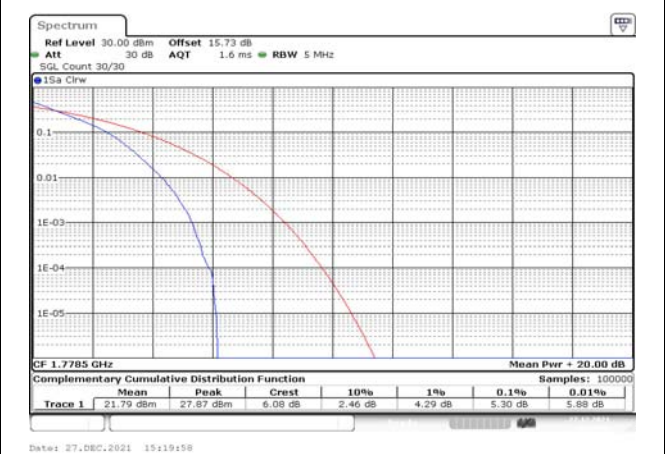


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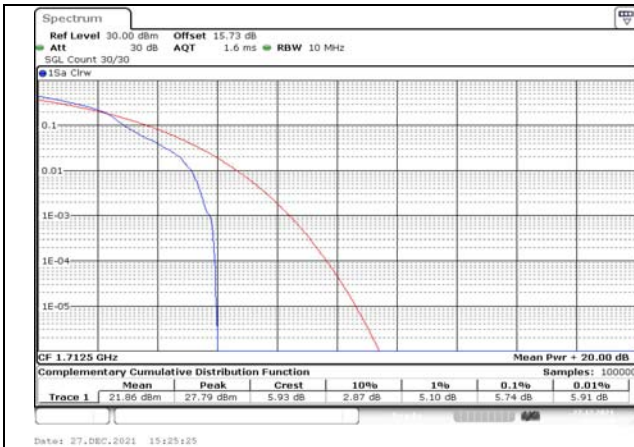


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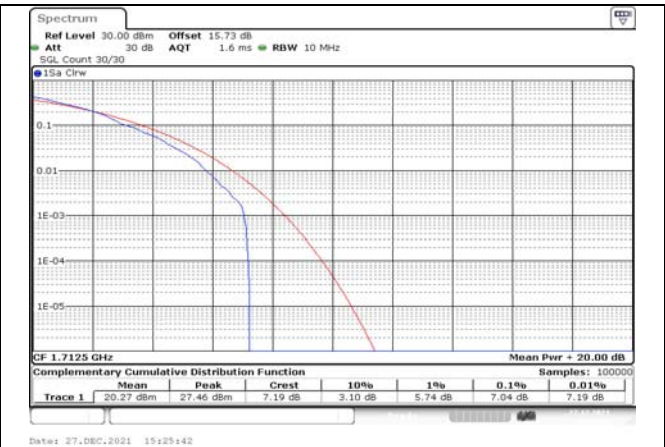


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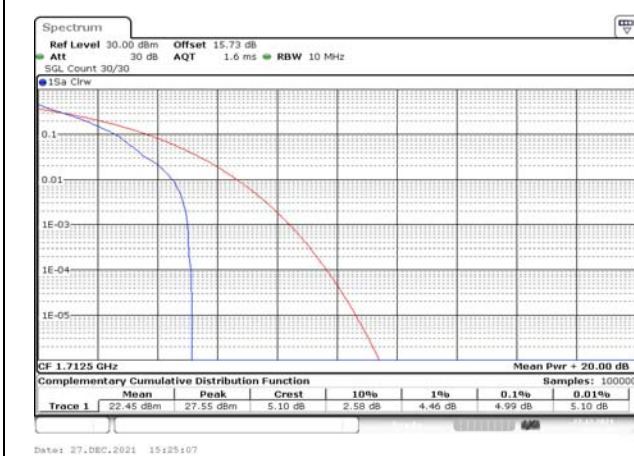


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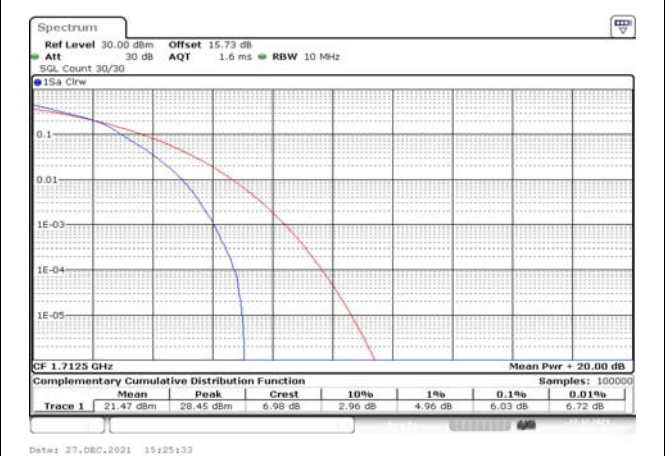


Fig.40

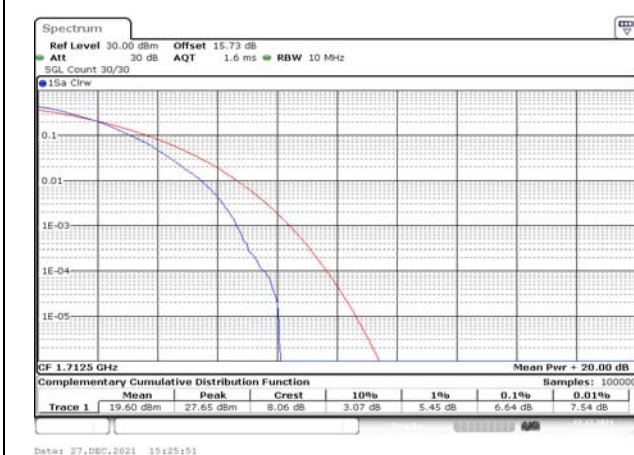


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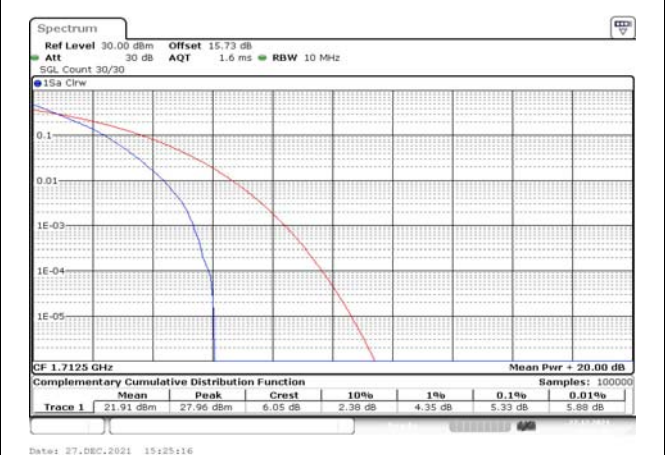


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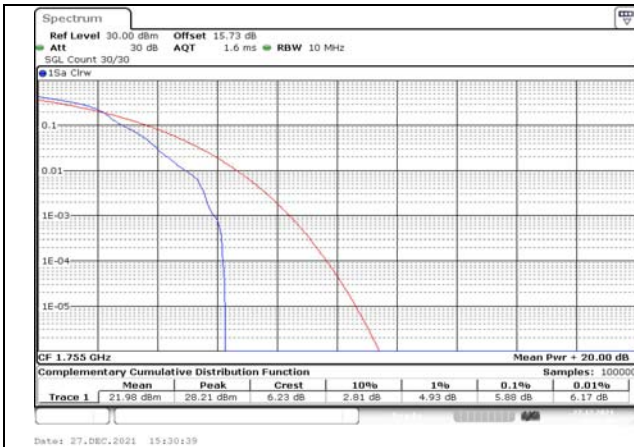


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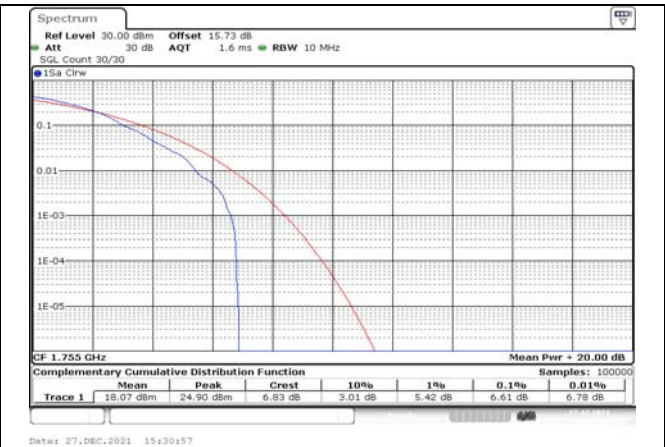


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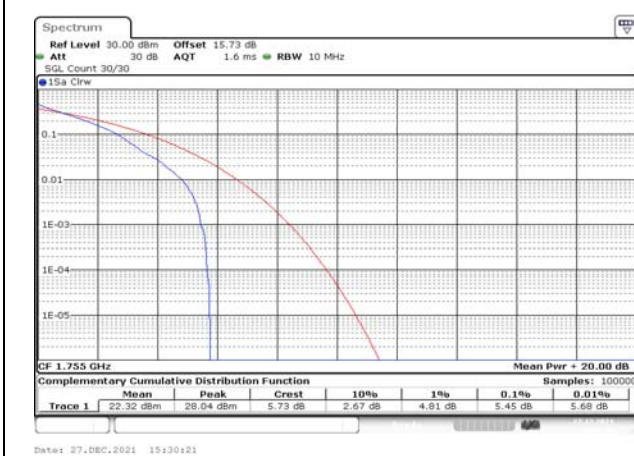


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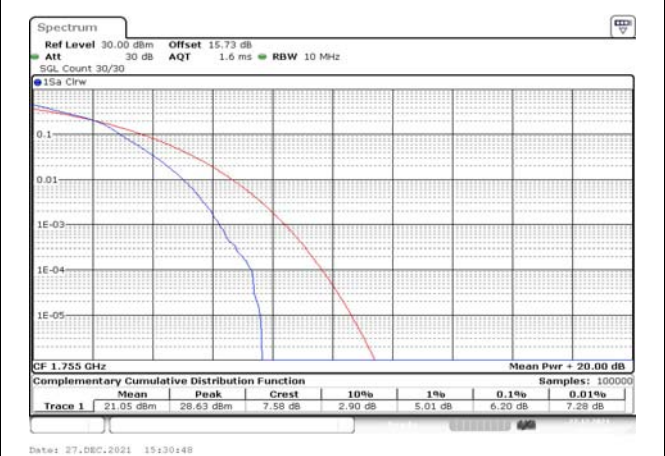


Fig.46

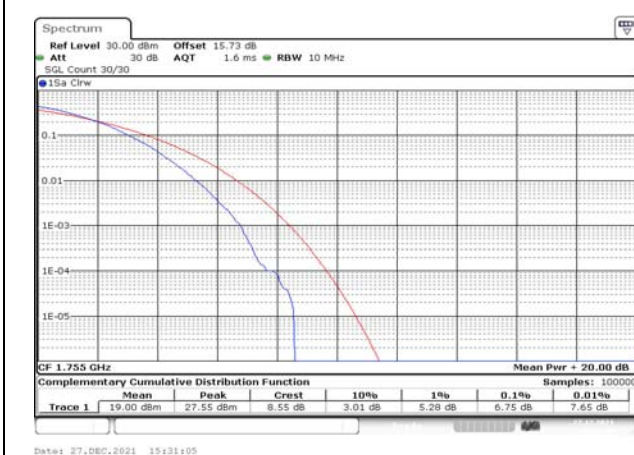


Fig.47

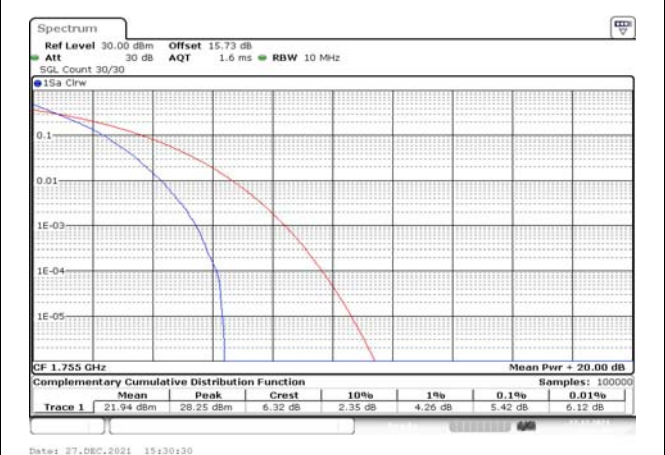


Fig.48

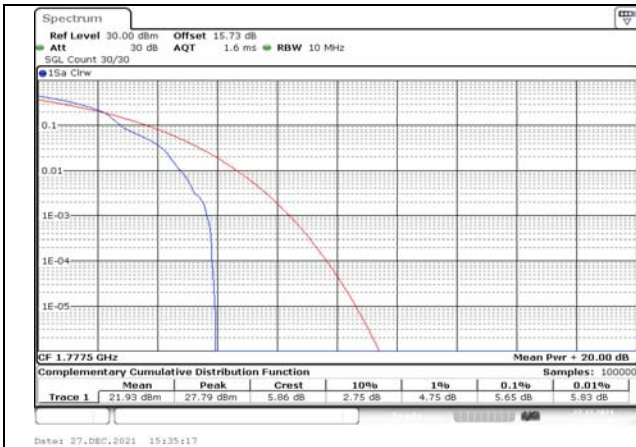


Fig.49

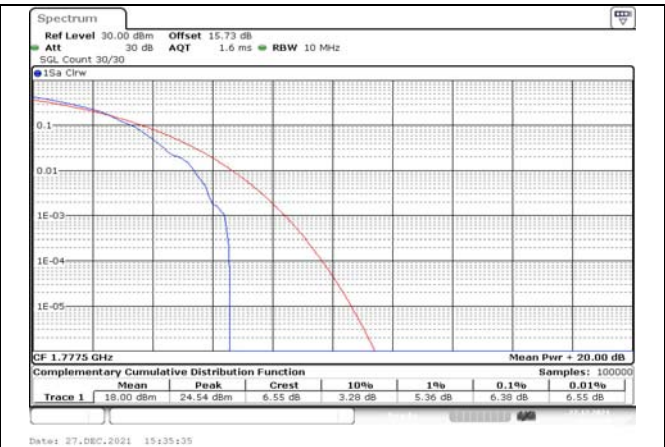


Fig.50

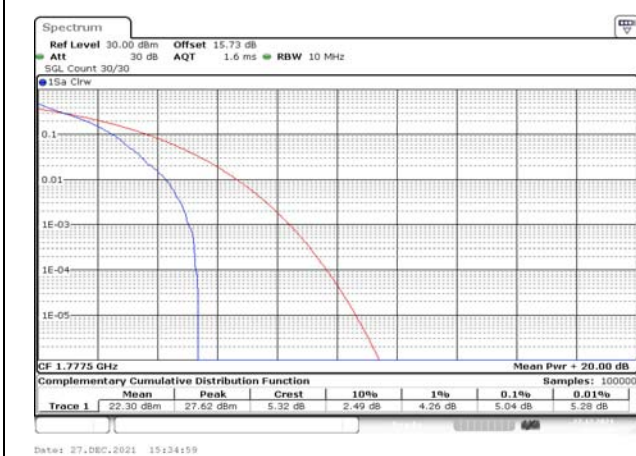


Fig.51

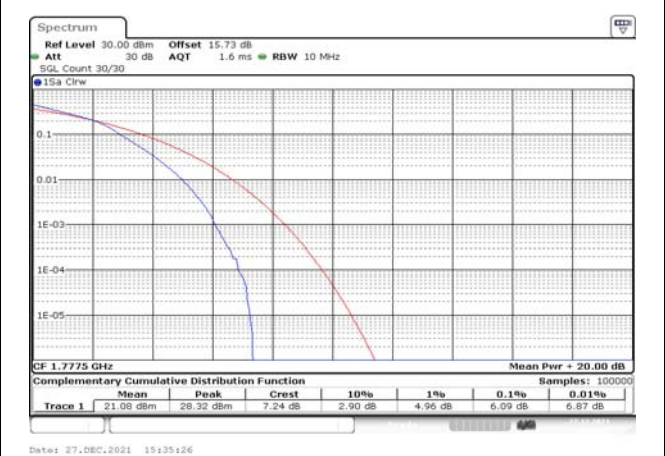


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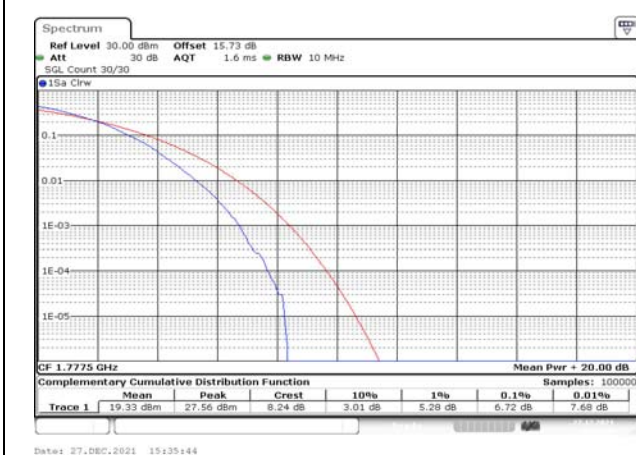


Fig.53

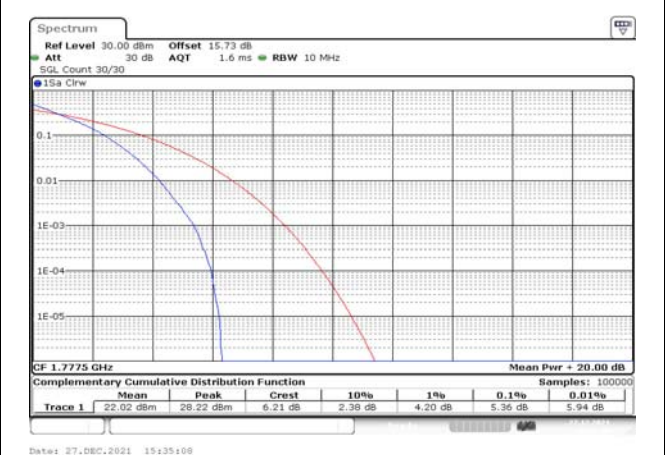


Fig.54

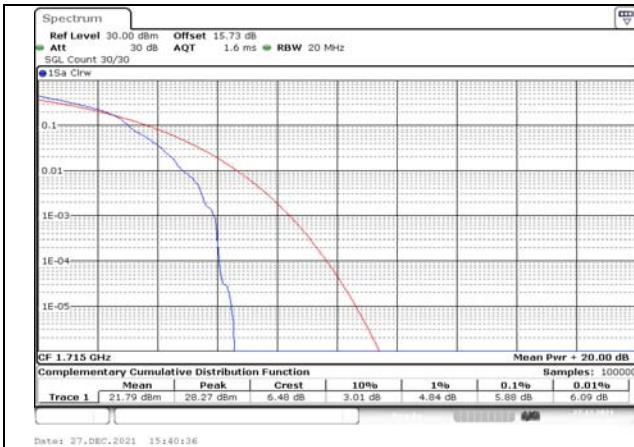


Fig.55

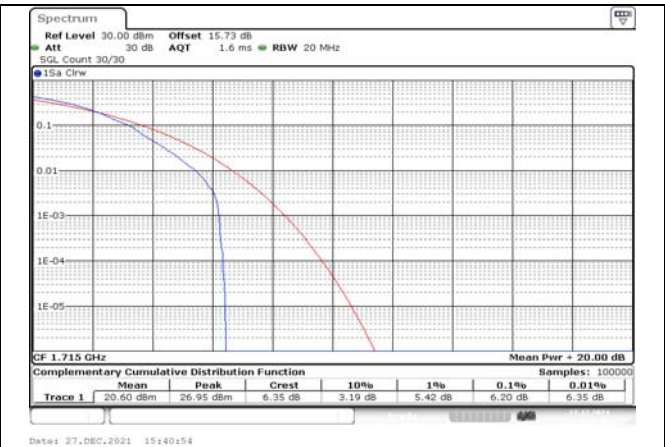


Fig.56

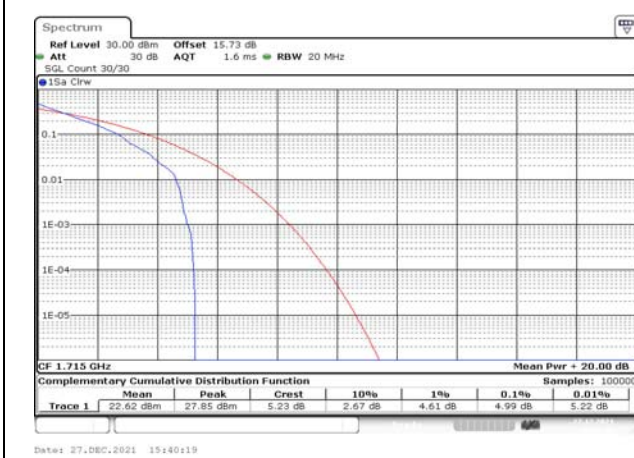


Fig.57

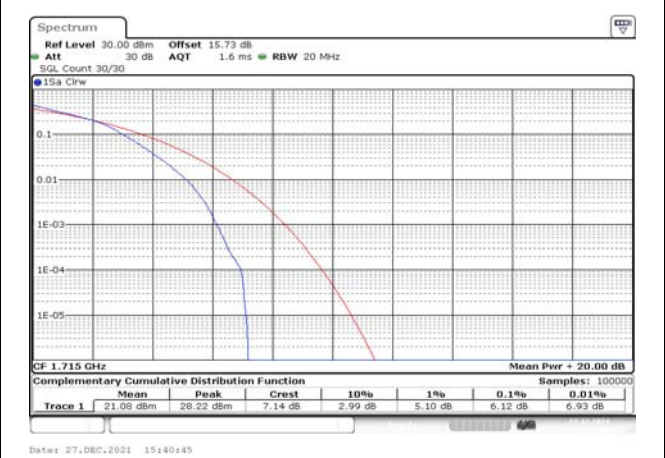


Fig.58

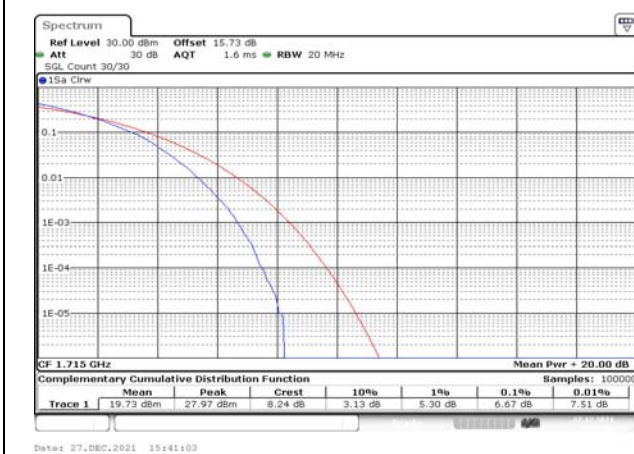


Fig.59

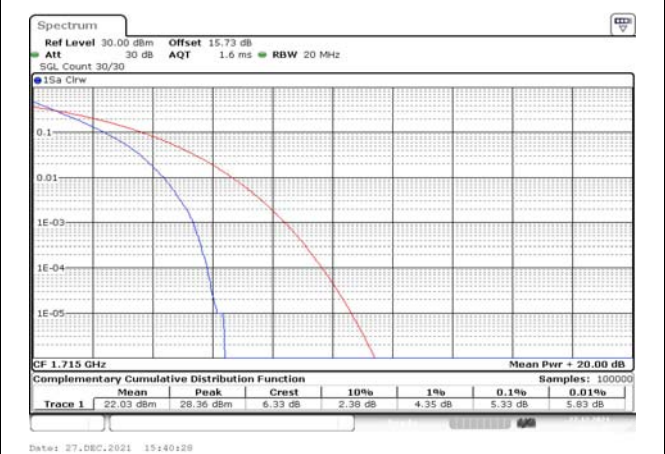


Fig.60

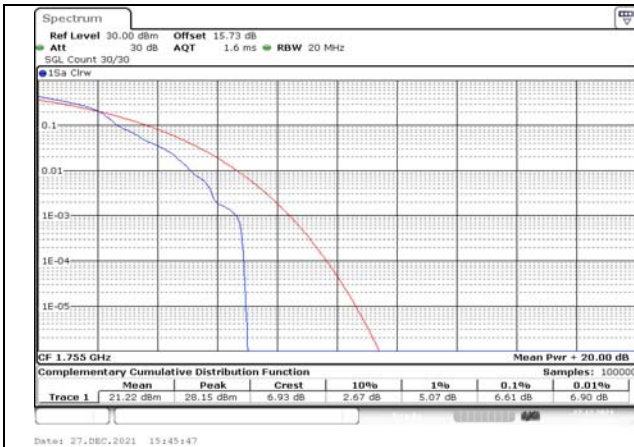


Fig.61

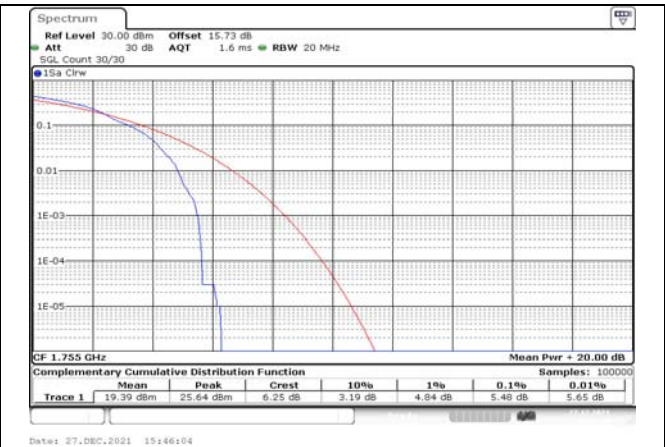


Fig.62

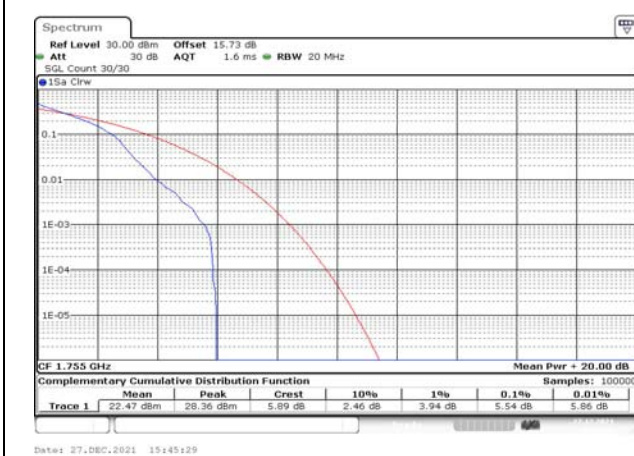


Fig.63

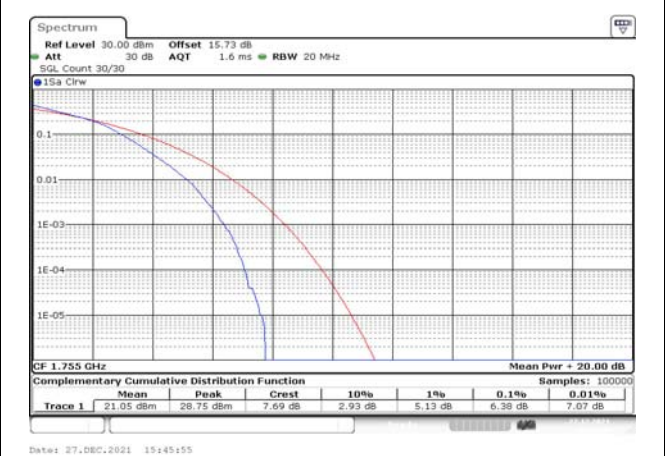


Fig.64

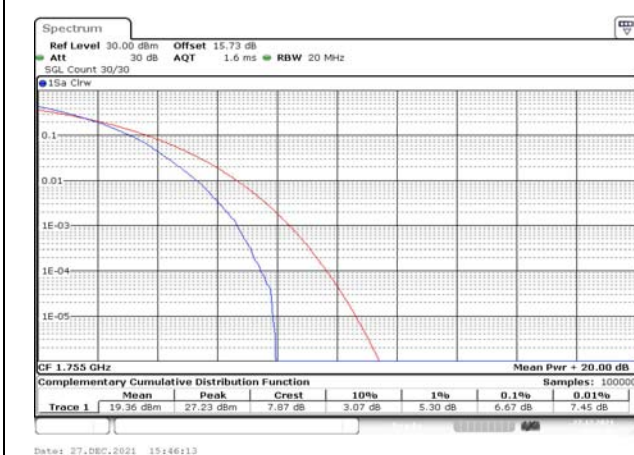


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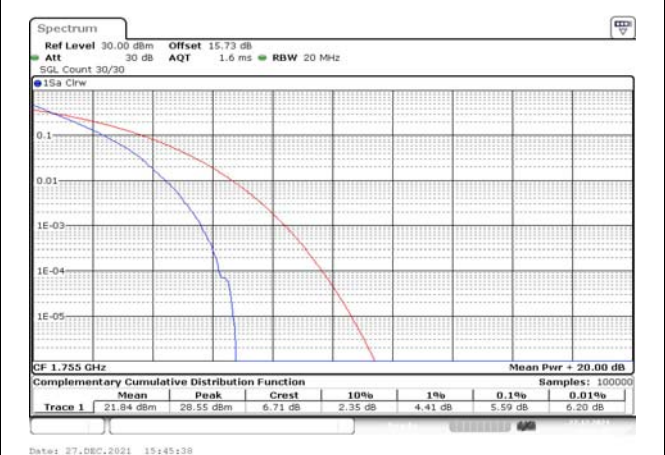


Fig.66

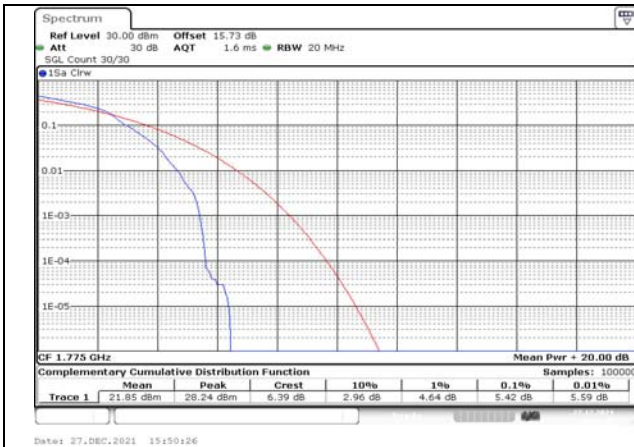


Fig.67

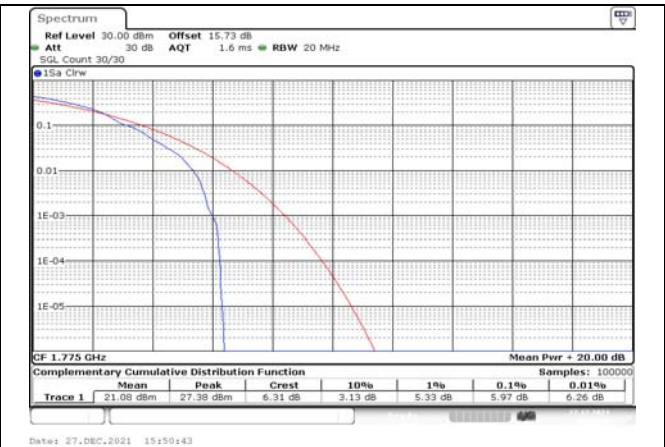


Fig.68

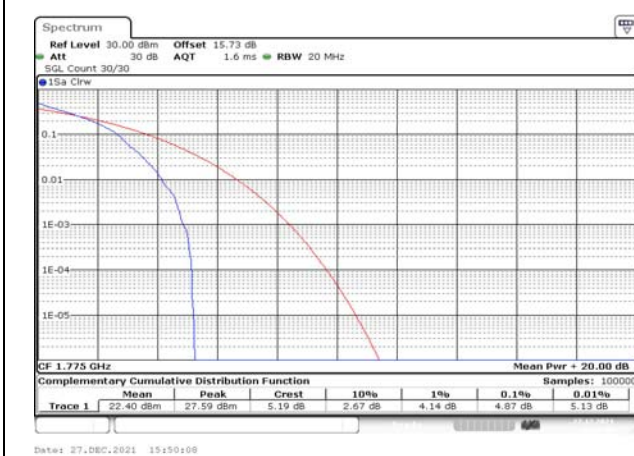


Fig.69

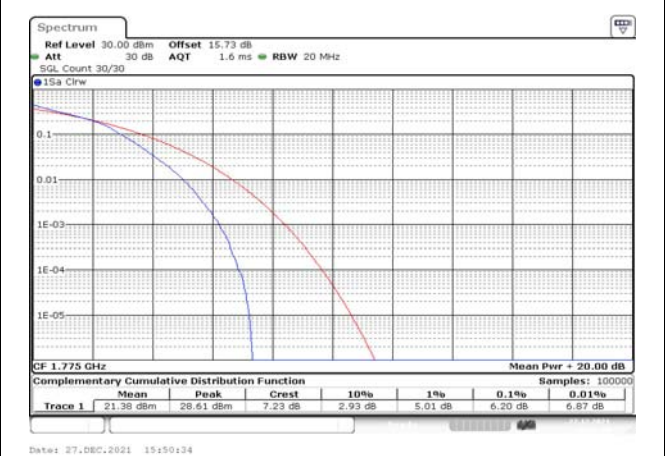


Fig.70

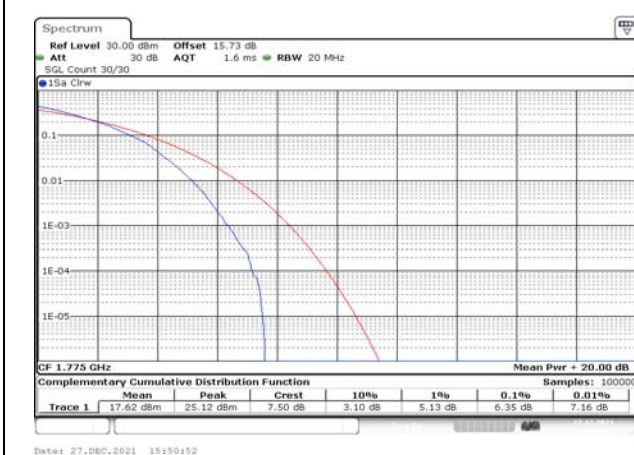


Fig.71

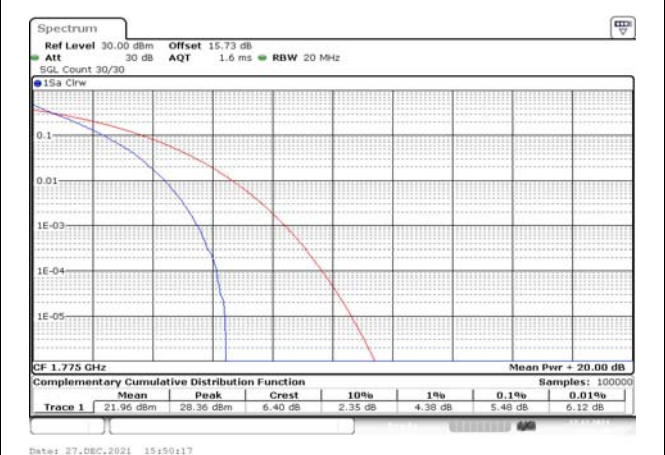


Fig.72

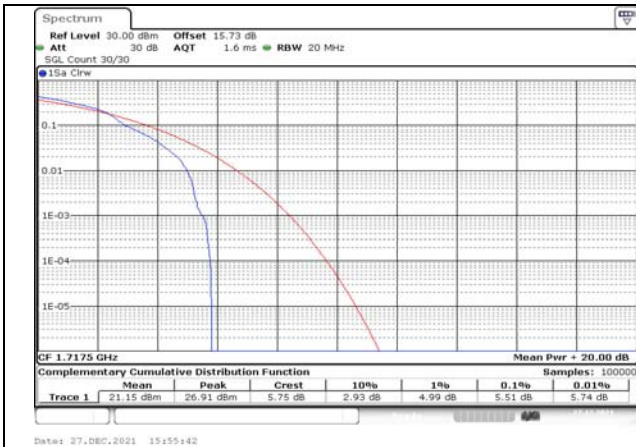


Fig.73

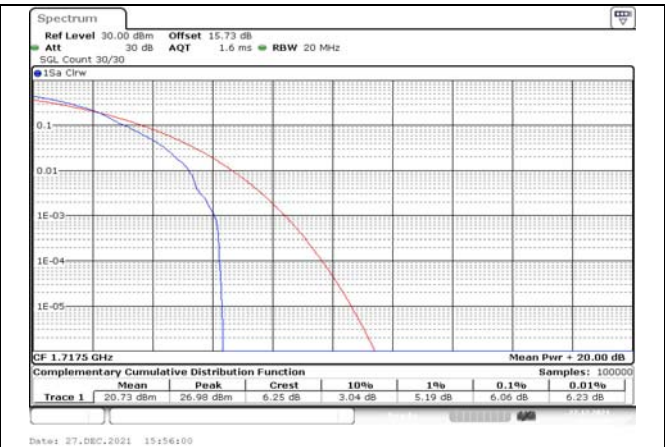


Fig.74

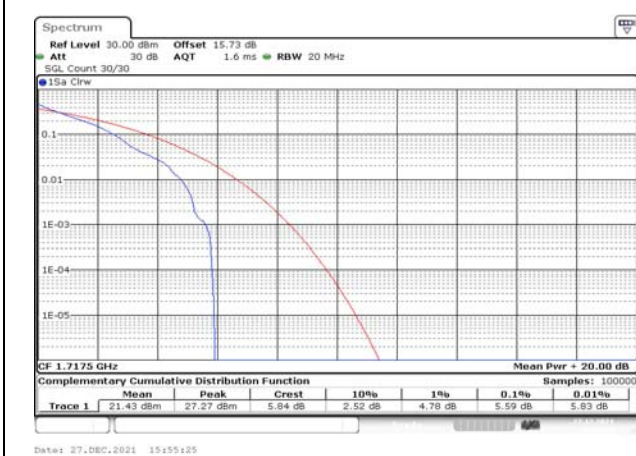


Fig.75

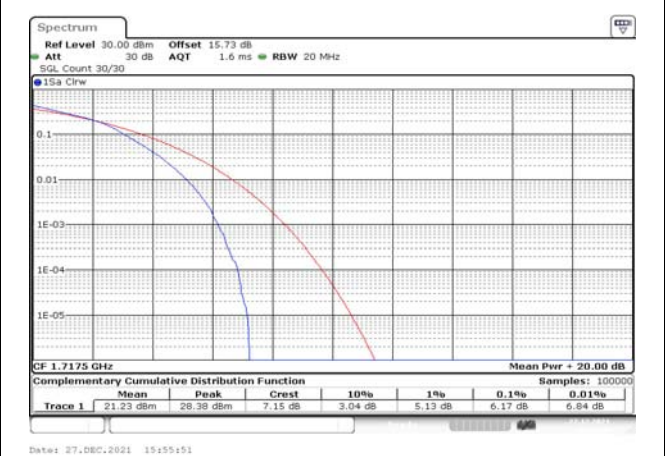


Fig.76

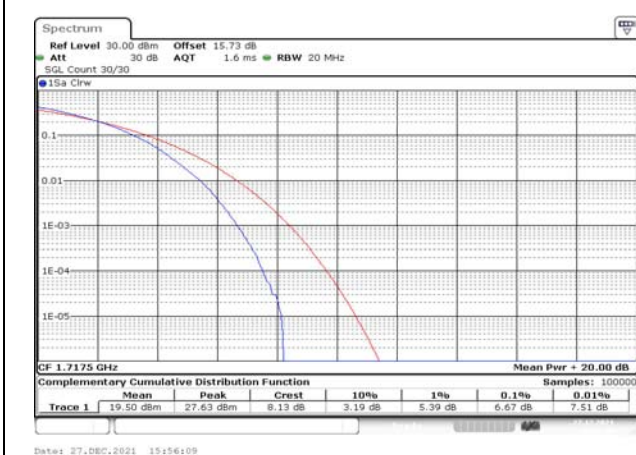


Fig.77

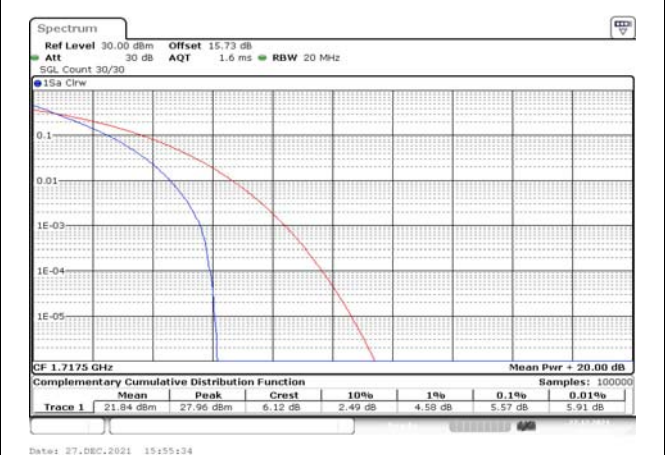


Fig.78

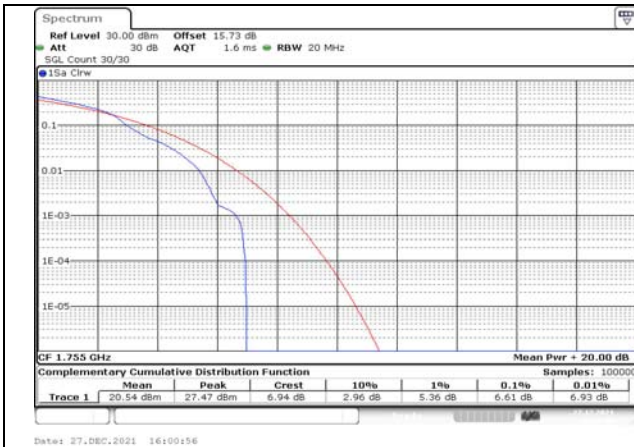


Fig.79

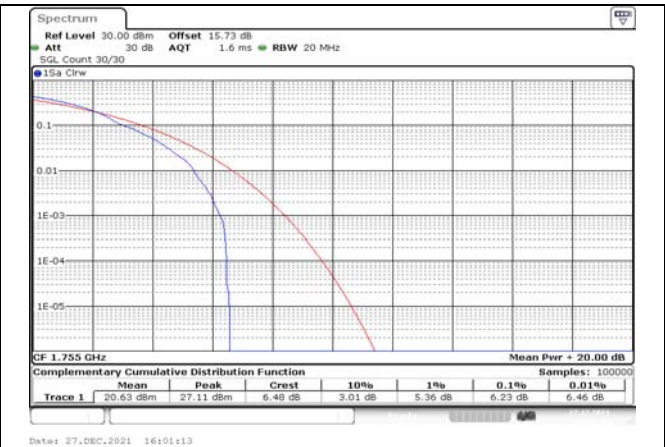


Fig.80

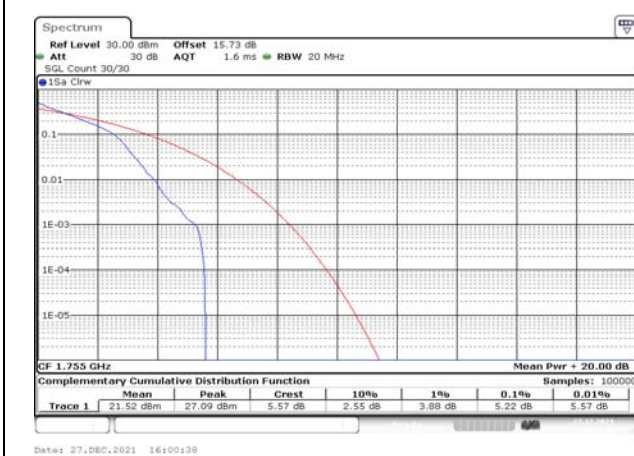


Fig.81

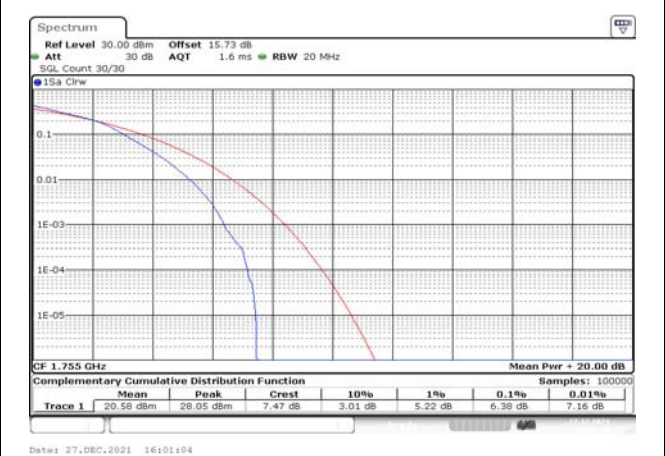


Fig.82

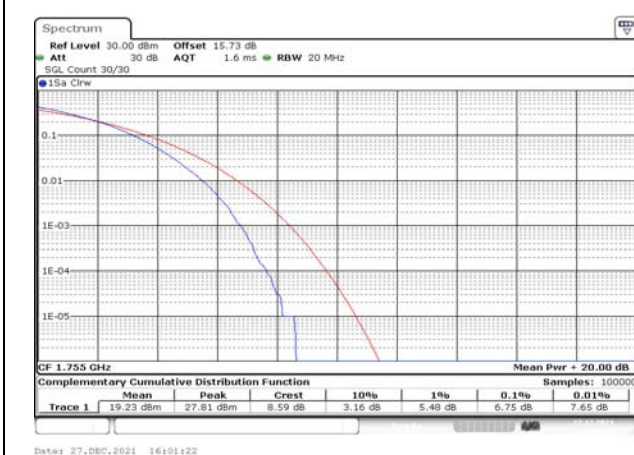


Fig.83

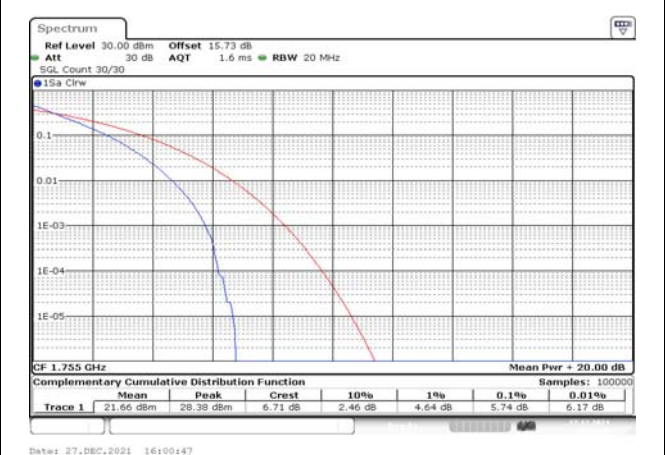


Fig.84

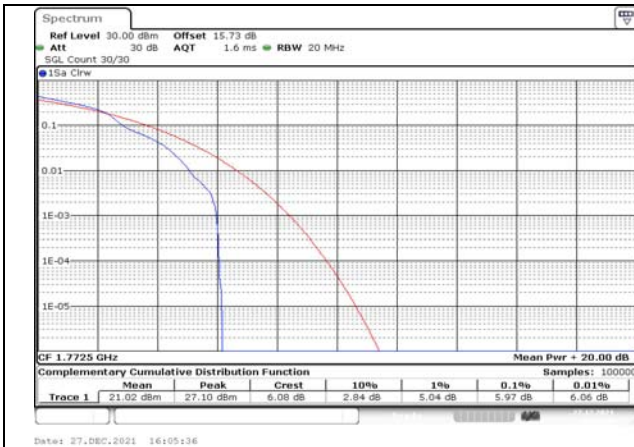


Fig.85

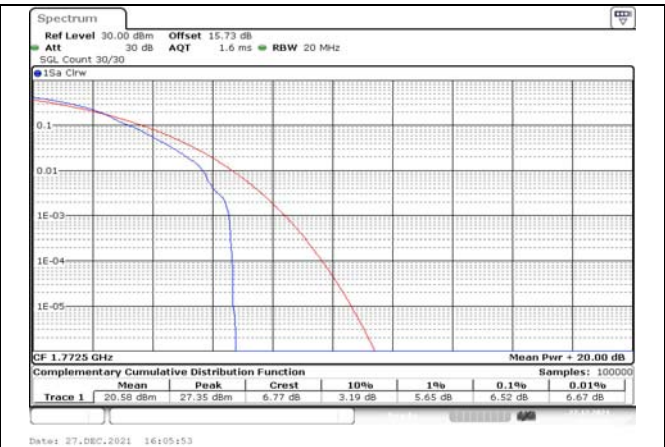


Fig.86

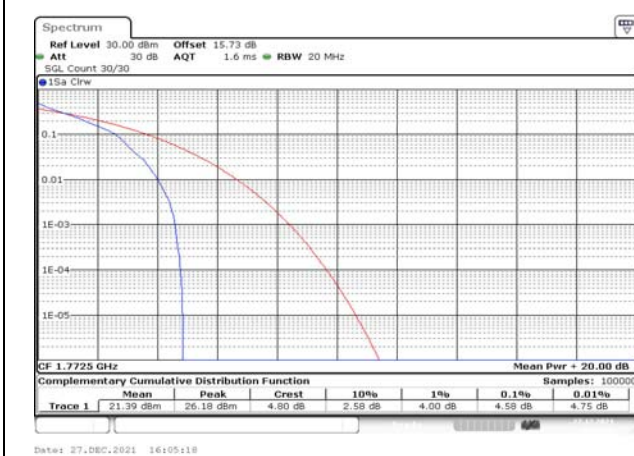


Fig.87

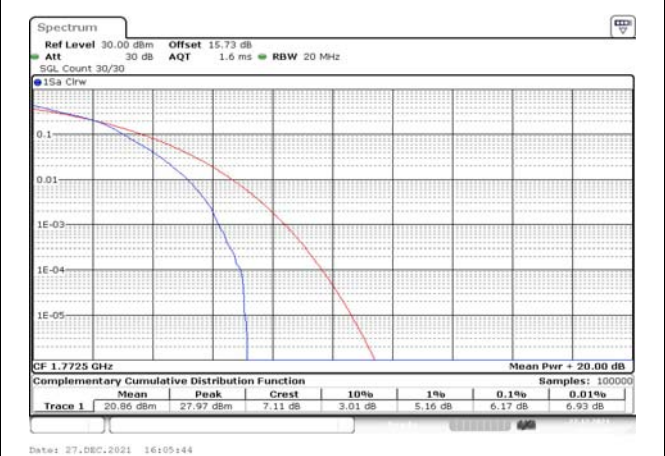


Fig.88

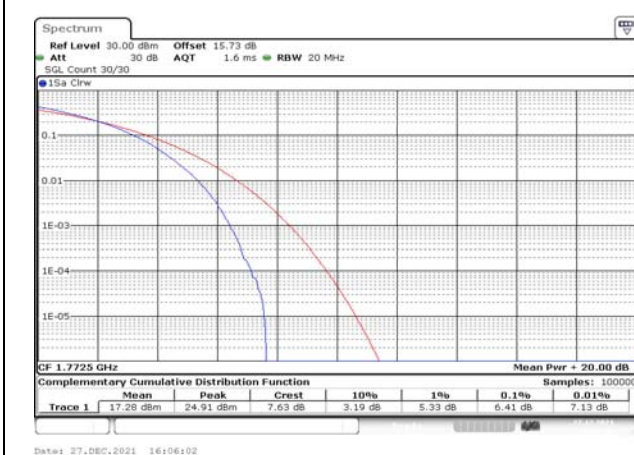


Fig.89

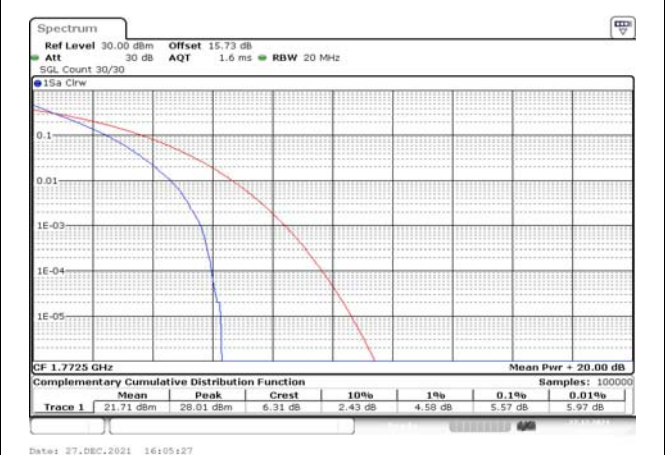


Fig.90

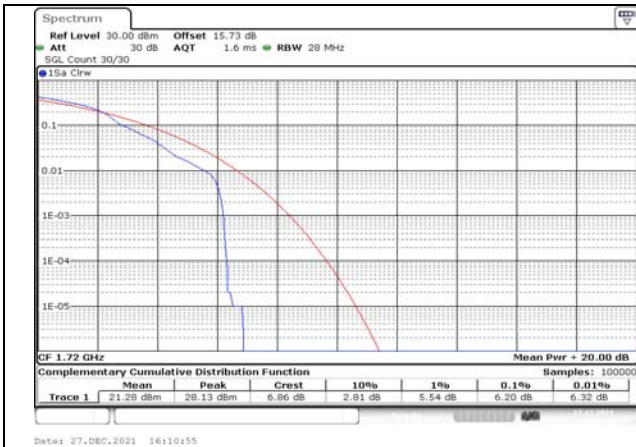


Fig.91

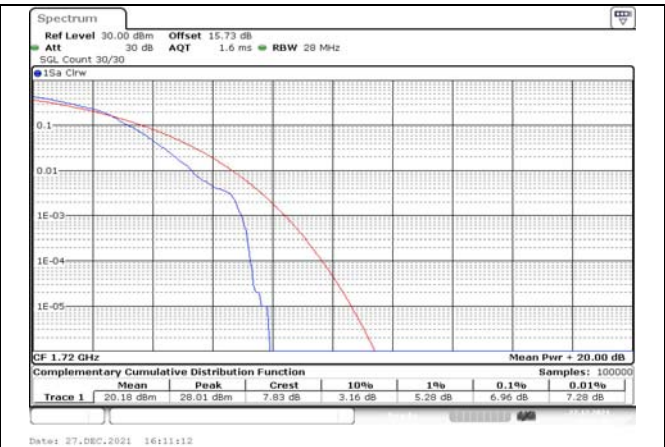


Fig.92

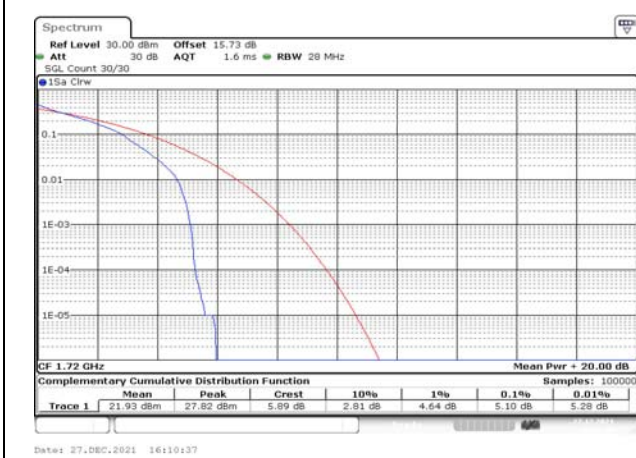


Fig.93

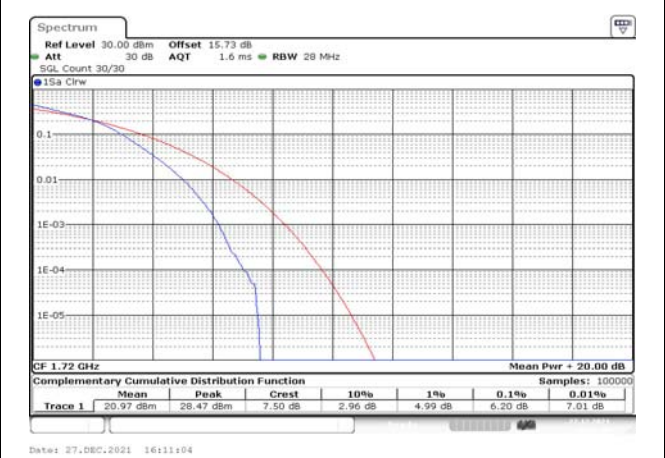


Fig.94

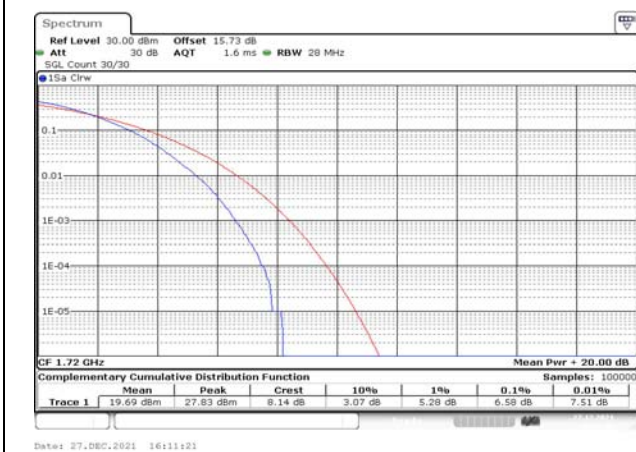


Fig.95

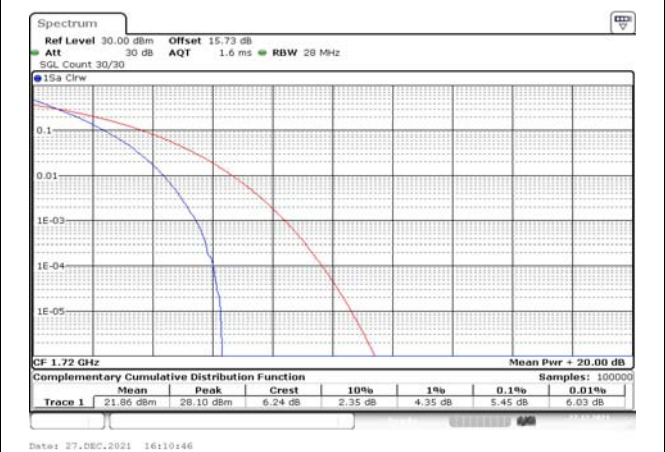


Fig.96

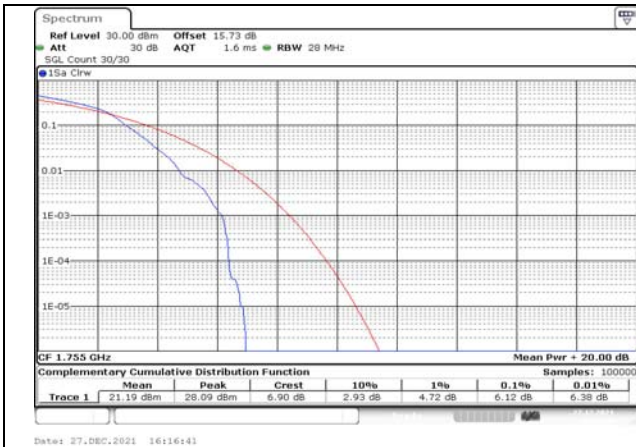


Fig.97

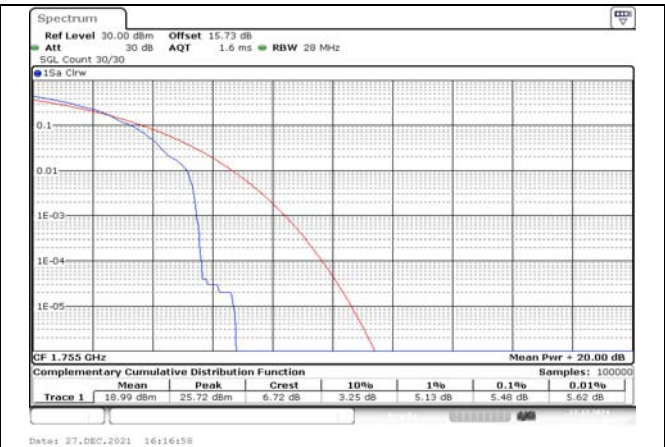


Fig.98

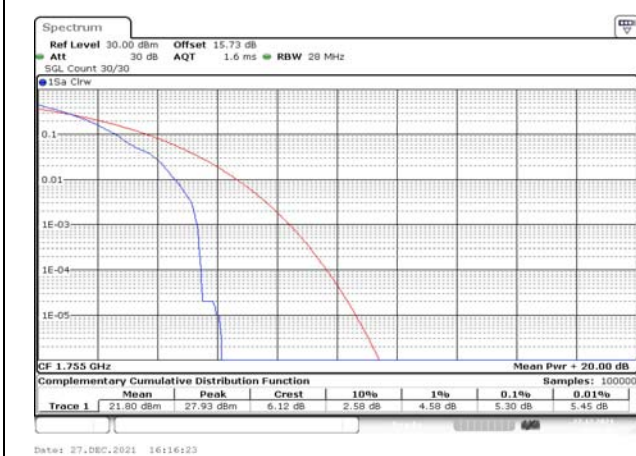


Fig.99

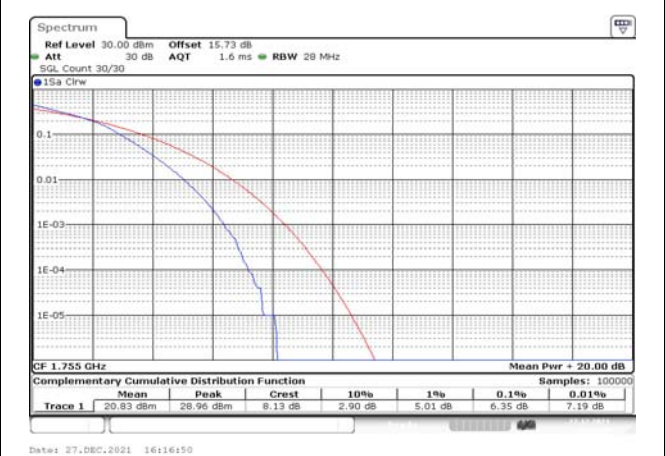


Fig.100

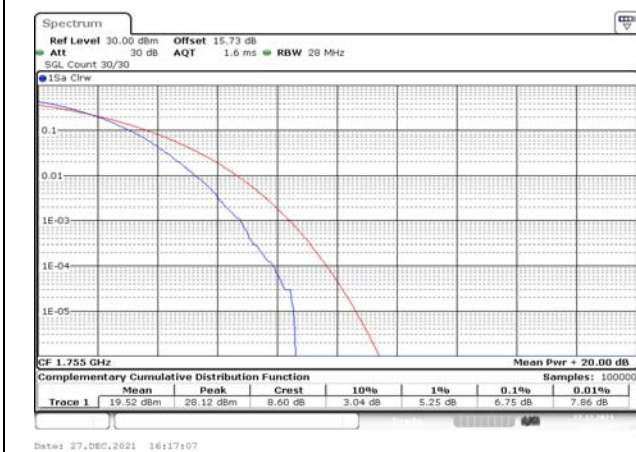


Fig.101

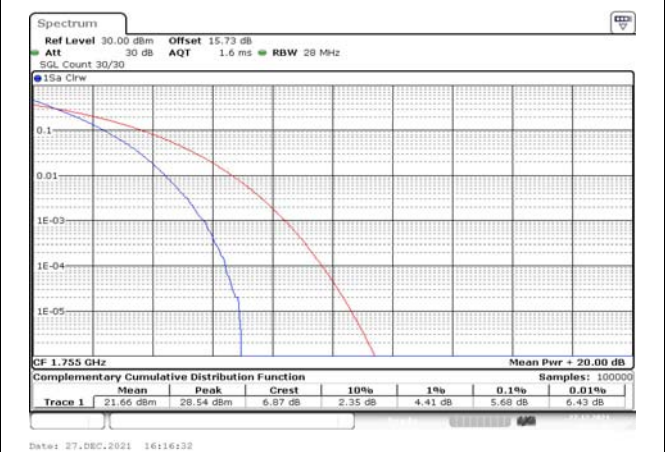


Fig.102

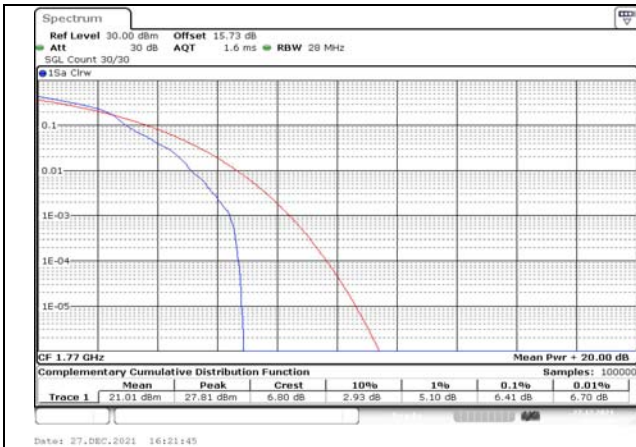


Fig.103

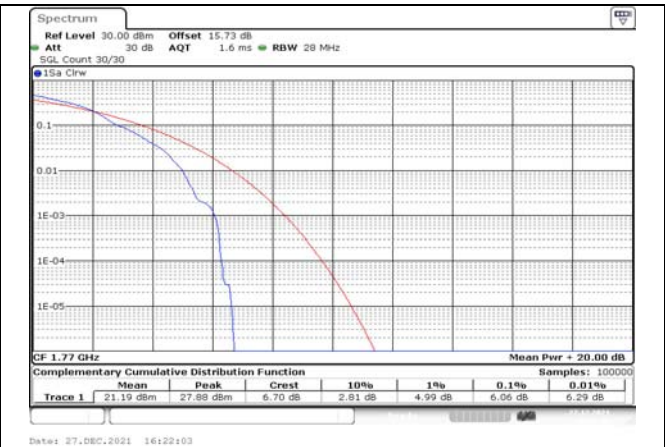


Fig.104

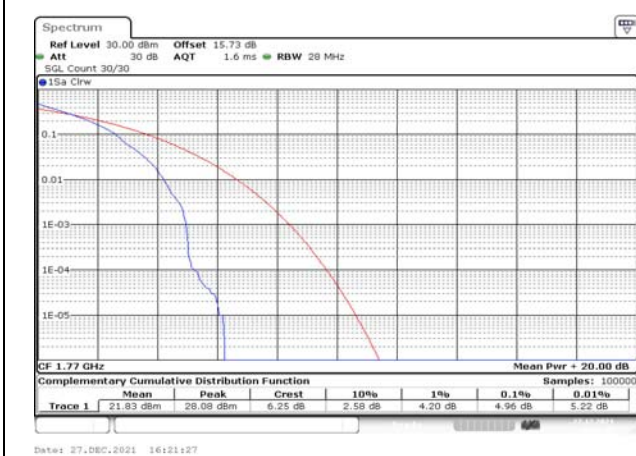


Fig.105

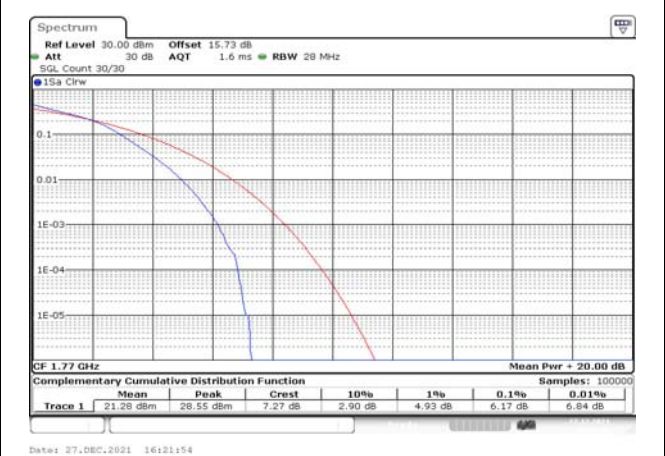


Fig.106

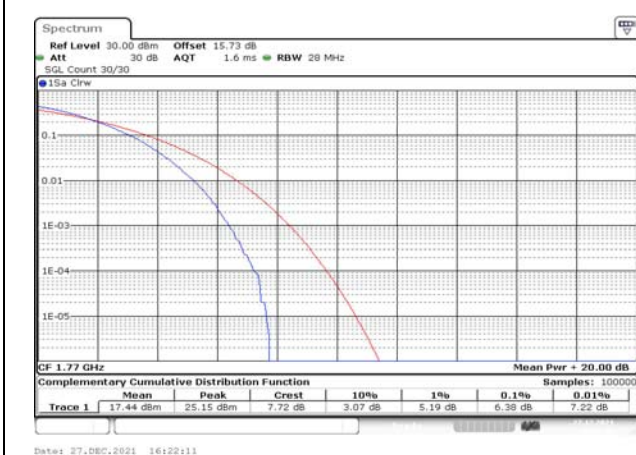


Fig.107

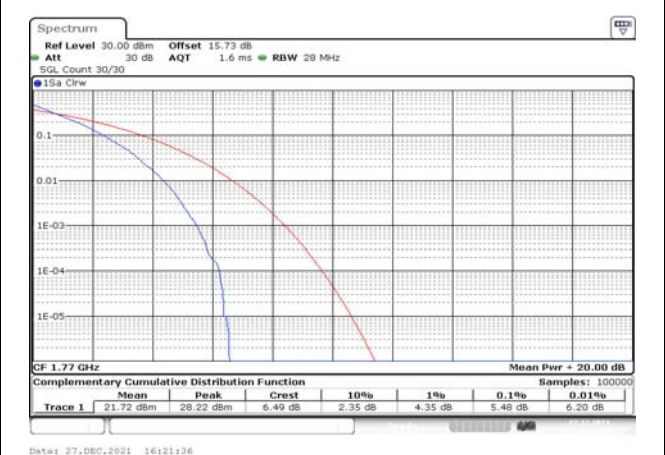


Fig.108

## 5 Spurious Emissions at antenna terminal

| Band | Carrier frequency (MHz) | Channel | BW | RB Size | RB Offset | Conducted Spurious Plot |
|------|-------------------------|---------|----|---------|-----------|-------------------------|
|      |                         |         |    |         |           | QPSK                    |
| 66   | 1720                    | 132072  | 20 | 1       | 0         | Fig.1                   |
| 66   | 1755                    | 132422  | 20 | 1       | 0         | Fig.2                   |
| 66   | 1770                    | 132572  | 20 | 1       | 0         | Fig.3                   |

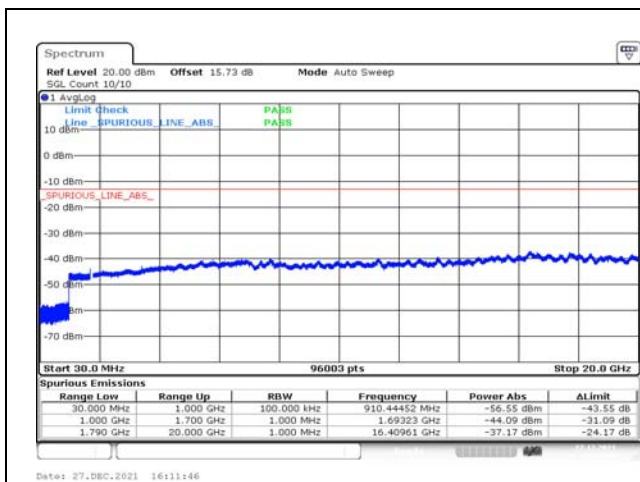


Fig.1

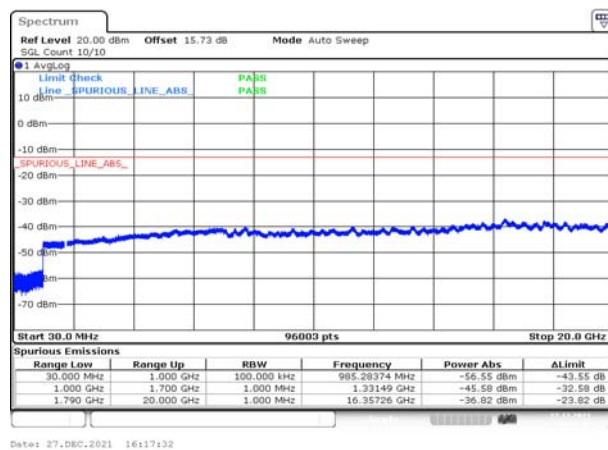


Fig.2

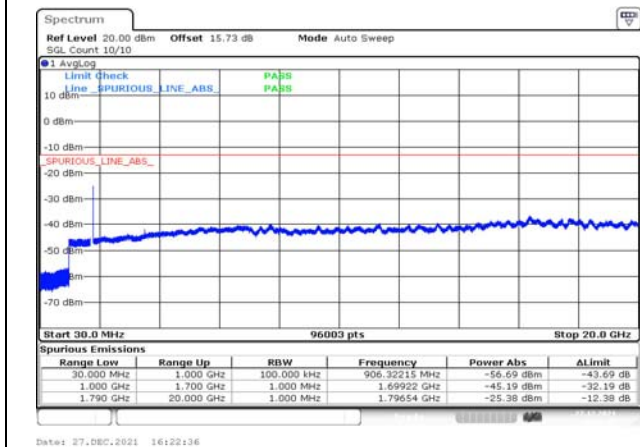


Fig.3

## 6 Band Edges Compliance

| Band | Carrier frequency (MHz) | Channel | BW  | RB Size | RB Offset | Band Edges Plot |
|------|-------------------------|---------|-----|---------|-----------|-----------------|
|      |                         |         |     |         |           | QPSK            |
| 66   | 1710.7                  | 131979  | 1.4 | 1       | 0         | Fig.1           |
| 66   | 1710.7                  | 131979  | 1.4 | 6       | 0         | Fig.2           |
| 66   | 1779.3                  | 132665  | 1.4 | 1       | 5         | Fig.3           |
| 66   | 1779.3                  | 132665  | 1.4 | 6       | 0         | Fig.4           |
| 66   | 1711.5                  | 131987  | 3   | 1       | 0         | Fig.5           |
| 66   | 1711.5                  | 131987  | 3   | 15      | 0         | Fig.6           |
| 66   | 1778.5                  | 132657  | 3   | 1       | 14        | Fig.7           |
| 66   | 1778.5                  | 132657  | 3   | 15      | 0         | Fig.8           |
| 66   | 1712.5                  | 131997  | 5   | 1       | 0         | Fig.9           |
| 66   | 1712.5                  | 131997  | 5   | 25      | 0         | Fig.10          |
| 66   | 1777.5                  | 132647  | 5   | 1       | 24        | Fig.11          |
| 66   | 1777.5                  | 132647  | 5   | 25      | 0         | Fig.12          |
| 66   | 1715                    | 132022  | 10  | 1       | 0         | Fig.13          |
| 66   | 1715                    | 132022  | 10  | 50      | 0         | Fig.14          |
| 66   | 1775                    | 132622  | 10  | 1       | 49        | Fig.15          |
| 66   | 1775                    | 132622  | 10  | 50      | 0         | Fig.16          |
| 66   | 1717.5                  | 132047  | 15  | 1       | 0         | Fig.17          |
| 66   | 1717.5                  | 132047  | 15  | 75      | 0         | Fig.18          |
| 66   | 1772.5                  | 132597  | 15  | 1       | 74        | Fig.19          |
| 66   | 1772.5                  | 132597  | 15  | 75      | 0         | Fig.20          |
| 66   | 1720                    | 132072  | 20  | 1       | 0         | Fig.21          |
| 66   | 1720                    | 132072  | 20  | 100     | 0         | Fig.22          |
| 66   | 1770                    | 132572  | 20  | 1       | 99        | Fig.23          |
| 66   | 1770                    | 132572  | 20  | 100     | 0         | Fig.24          |

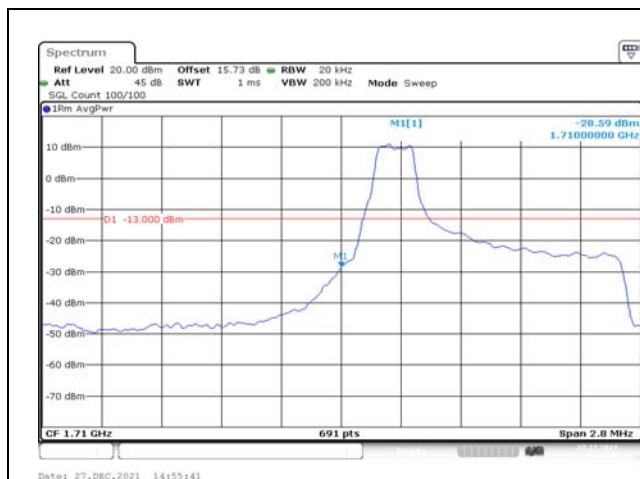


Fig.1

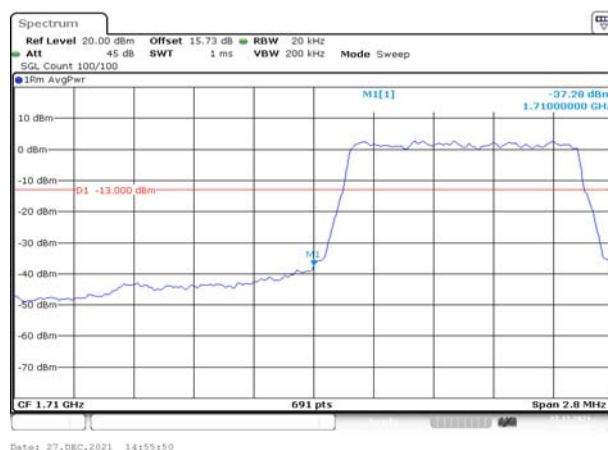
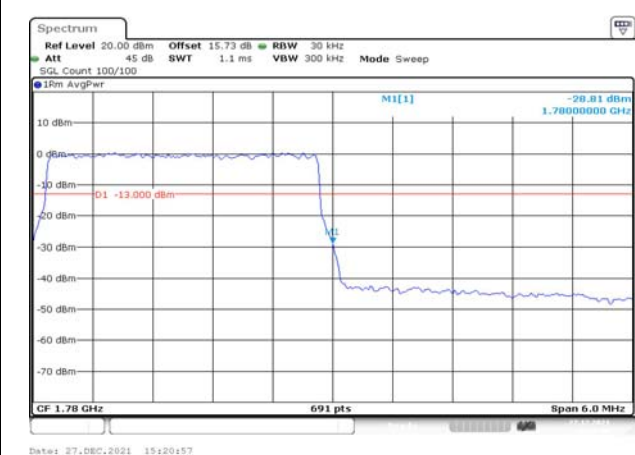
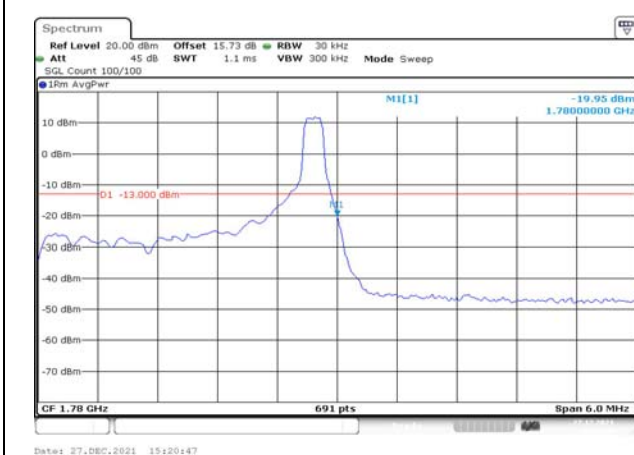
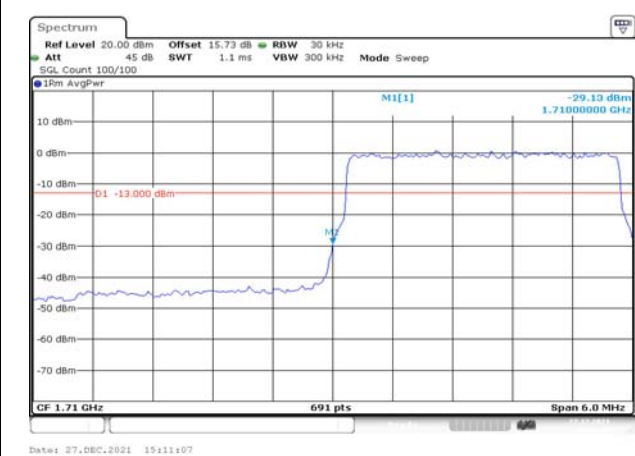
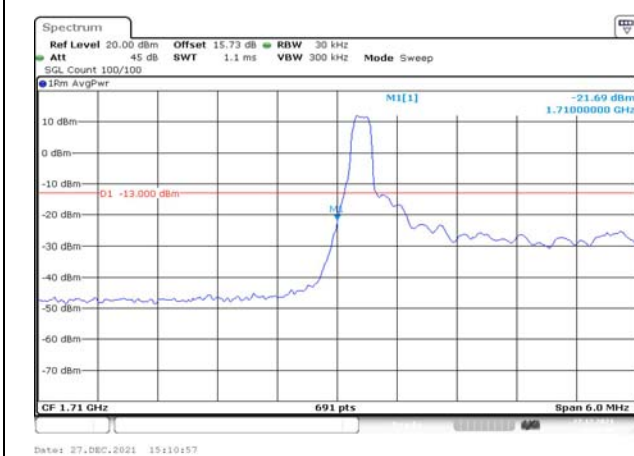
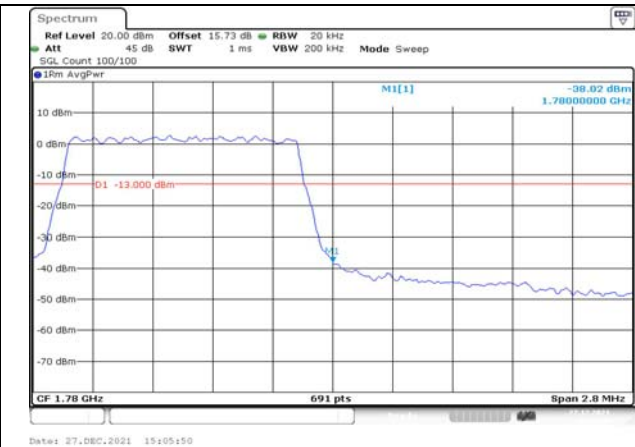
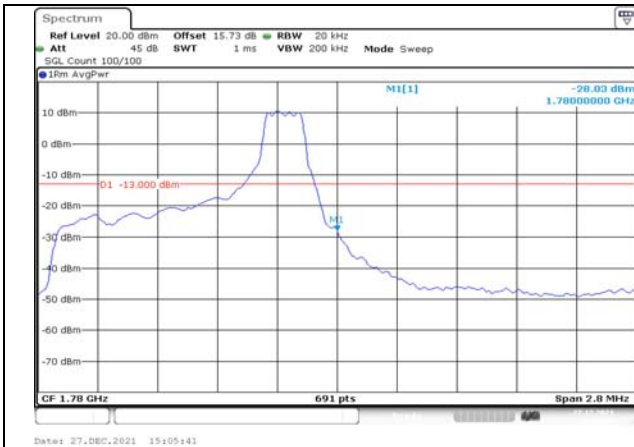
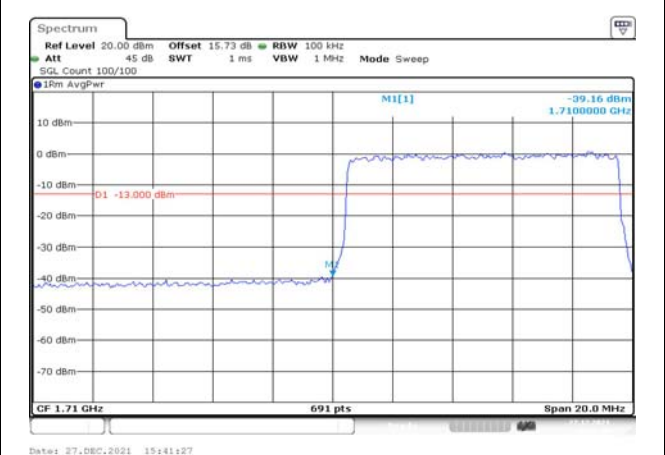
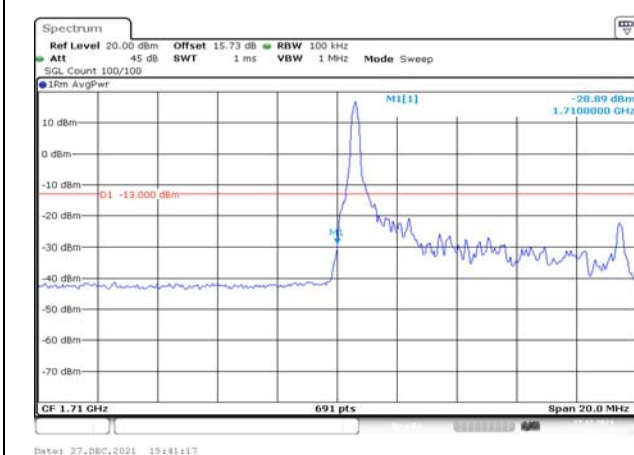
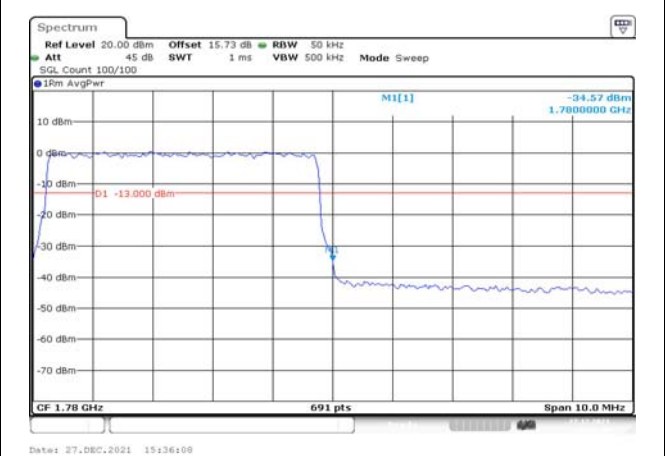
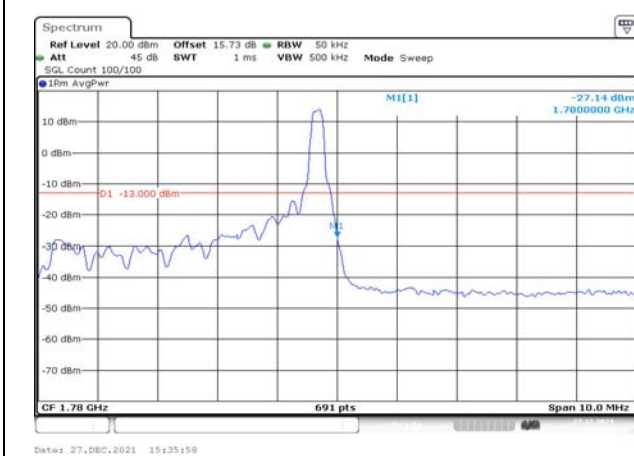
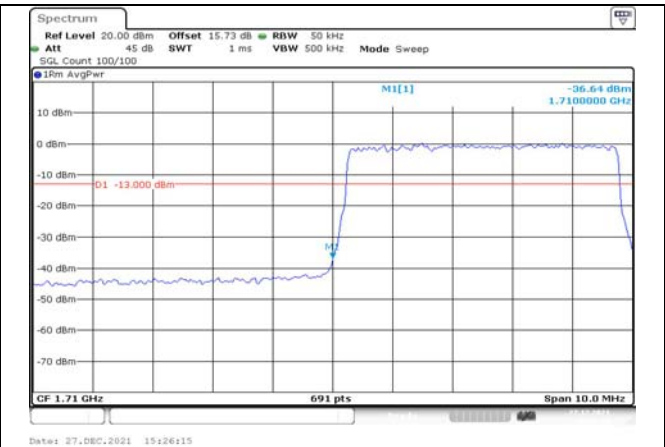
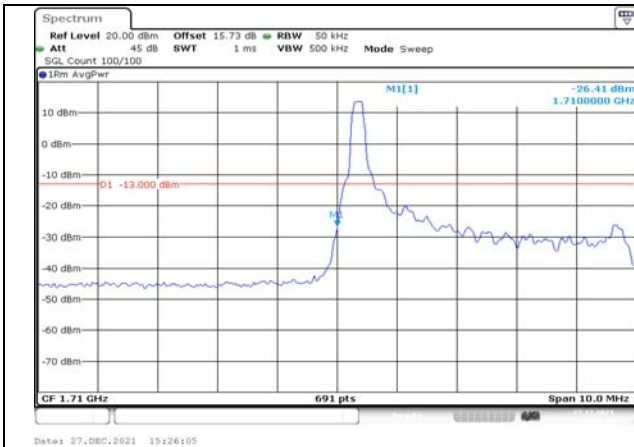
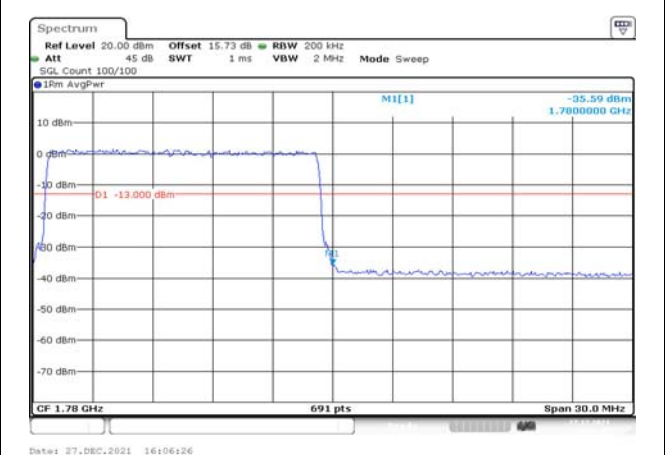
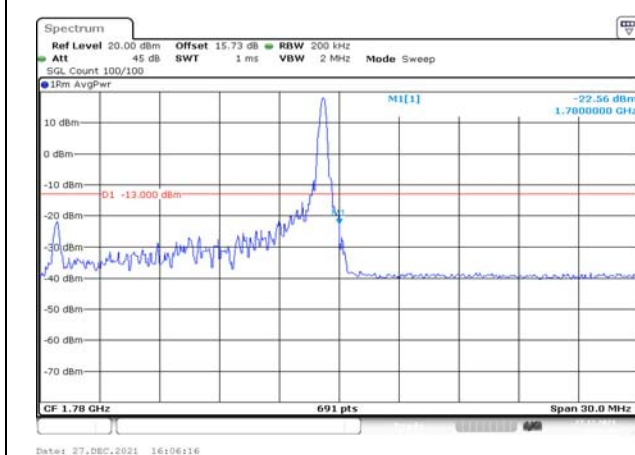
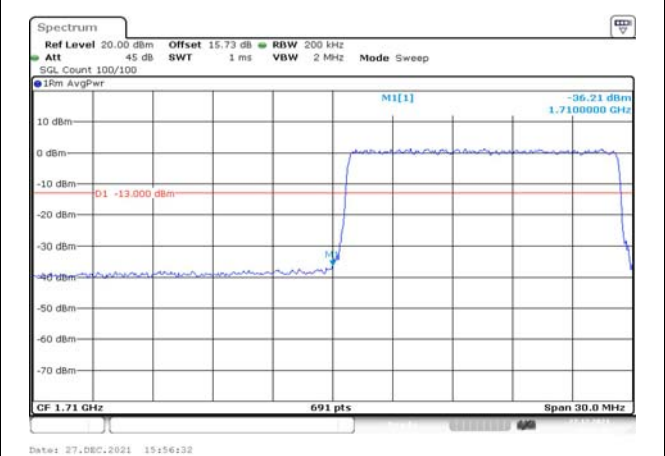
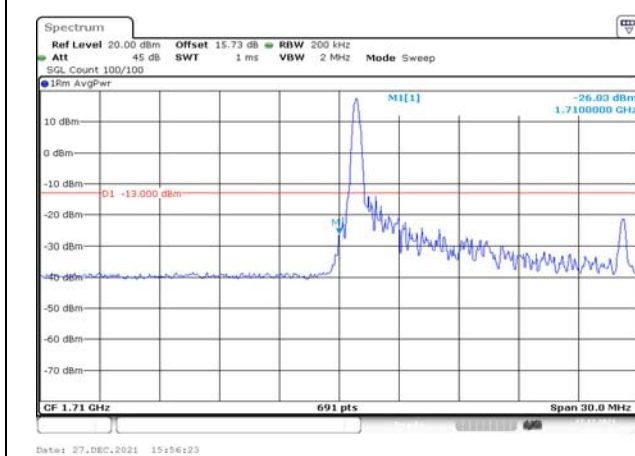
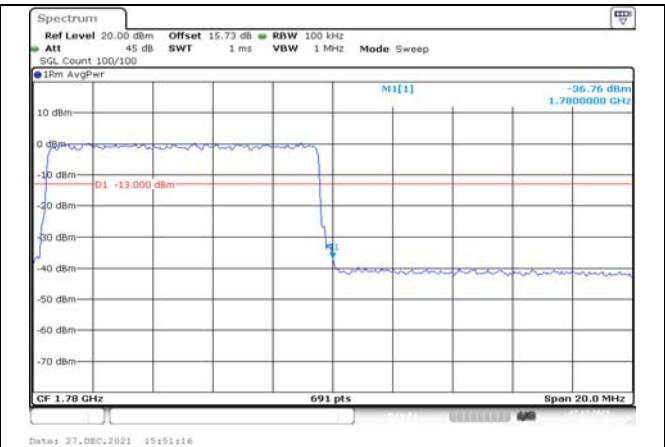
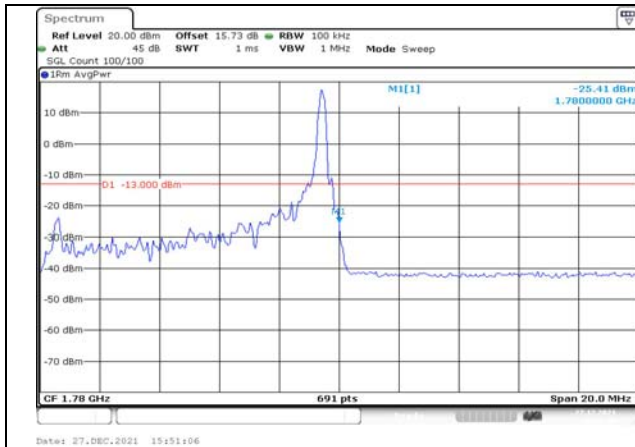


Fig.2







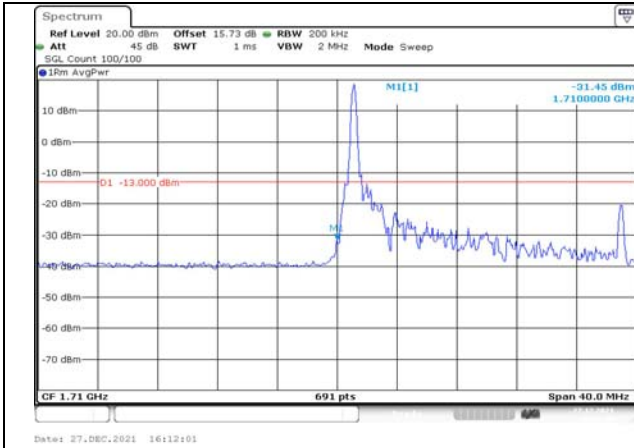


Fig.21

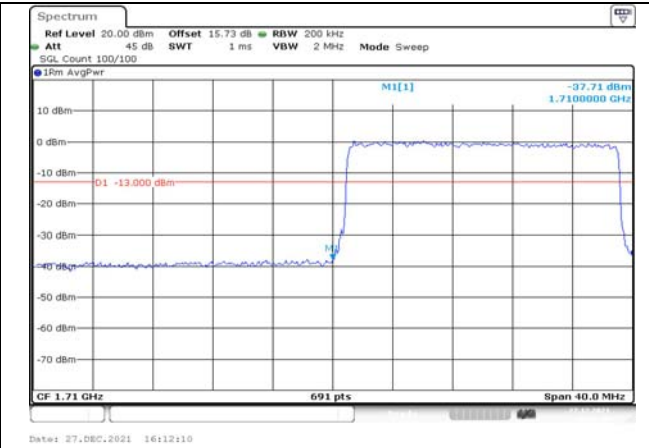


Fig.22

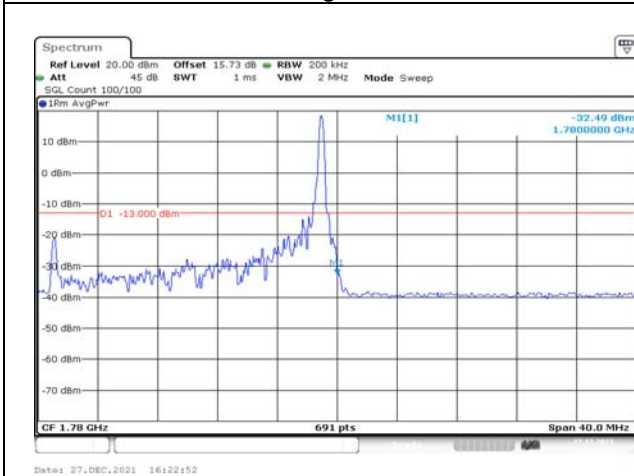


Fig.23

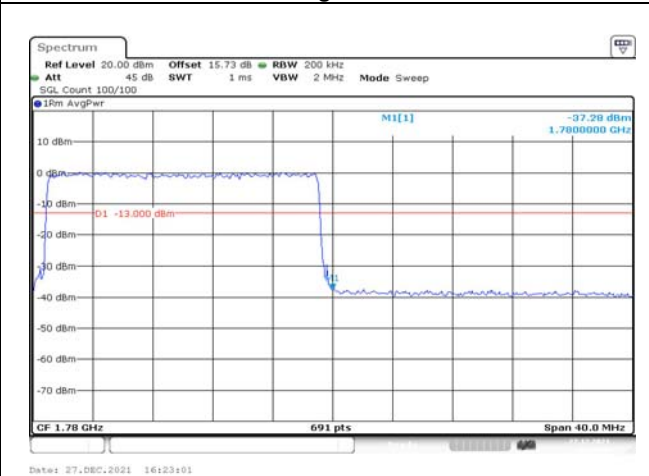


Fig.24

## 7 Frequency Stability

| Temperature(°C) | Voltage | Test Result (ppm) Band 66 Low Channel QPSK |        |        |        |        |        |
|-----------------|---------|--------------------------------------------|--------|--------|--------|--------|--------|
|                 |         | 1.4M                                       | 3M     | 5M     | 10M    | 15M    | 20M    |
| -20             | NV      | 0.008                                      | 0.015  | 0.012  | 0.001  | 0.000  | -0.008 |
| -10             | NV      | 0.005                                      | 0.000  | -0.003 | -0.010 | -0.002 | -0.004 |
| 0               | NV      | 0.013                                      | 0.005  | -0.009 | 0.061  | 0.001  | 0.008  |
| +10             | NV      | 0.004                                      | 0.016  | 0.005  | -0.010 | 0.014  | 0.014  |
| +30             | NV      | -0.001                                     | 0.007  | -0.010 | 0.004  | -0.007 | 0.008  |
| +40             | NV      | 0.009                                      | 0.020  | -0.005 | 0.003  | 0.014  | 0.000  |
| +55             | NV      | 0.012                                      | -0.006 | -0.003 | -0.005 | 0.014  | 0.020  |
| +20             | LV      | 0.005                                      | 0.000  | -0.007 | 0.000  | 0.007  | 0.000  |
| +20             | HV      | 0.007                                      | 0.016  | -0.002 | -0.002 | 0.006  | -0.017 |

| Temperature(°C) | Voltage | Test Result (ppm) Band 66 High Channel QPSK |        |        |        |        |        |
|-----------------|---------|---------------------------------------------|--------|--------|--------|--------|--------|
|                 |         | 1.4M                                        | 3M     | 5M     | 10M    | 15M    | 20M    |
| -20             | NV      | -0.370                                      | -0.004 | -0.293 | 0.044  | 0.023  | 0.019  |
| -10             | NV      | -0.371                                      | 0.007  | -0.285 | -0.014 | -0.008 | 0.006  |
| 0               | NV      | -0.382                                      | 0.000  | -0.285 | -0.010 | -0.005 | 0.028  |
| +10             | NV      | -0.361                                      | 0.009  | -0.282 | -0.009 | 0.006  | -0.002 |
| +30             | NV      | -0.359                                      | 0.000  | -0.290 | 0.379  | 0.022  | -0.003 |
| +40             | NV      | -0.359                                      | 0.000  | -0.278 | -0.003 | 0.011  | -0.001 |
| +55             | NV      | -0.375                                      | 0.084  | -0.273 | -0.012 | 0.005  | 0.000  |
| +20             | LV      | -0.365                                      | 0.020  | -0.292 | -0.002 | 0.007  | 0.000  |
| +20             | HV      | -0.368                                      | 0.004  | -0.287 | -0.012 | -0.004 | 0.006  |

## 8 Effective Radiated Power and Effective Isotropic Radiated Power

| Modulation | Carrier frequency (MHz) | UL Channel | BW  | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|-----|---------|-----------|------------------------|-----------------|---------------|
| 16QAM      | 1710.7                  | 131979     | 1.4 | 1       | 0         | 23.00                  | 21.60           | 0.145         |
| 16QAM      | 1710.7                  | 131979     | 1.4 | 1       | 3         | 23.02                  | 21.62           | 0.145         |
| 16QAM      | 1710.7                  | 131979     | 1.4 | 1       | 5         | 23.01                  | 21.61           | 0.145         |
| 16QAM      | 1710.7                  | 131979     | 1.4 | 3       | 0         | 23.09                  | 21.69           | 0.148         |
| 16QAM      | 1710.7                  | 131979     | 1.4 | 3       | 1         | 23.10                  | 21.70           | 0.148         |
| 16QAM      | 1710.7                  | 131979     | 1.4 | 3       | 3         | 23.08                  | 21.68           | 0.147         |
| 16QAM      | 1710.7                  | 131979     | 1.4 | 6       | 0         | 22.03                  | 20.63           | 0.116         |
| 16QAM      | 1755                    | 132422     | 1.4 | 1       | 0         | 21.15                  | 19.75           | 0.094         |
| 16QAM      | 1755                    | 132422     | 1.4 | 1       | 3         | 21.14                  | 19.74           | 0.094         |
| 16QAM      | 1755                    | 132422     | 1.4 | 1       | 5         | 21.05                  | 19.65           | 0.092         |
| 16QAM      | 1755                    | 132422     | 1.4 | 3       | 0         | 20.73                  | 19.33           | 0.086         |
| 16QAM      | 1755                    | 132422     | 1.4 | 3       | 1         | 20.69                  | 19.29           | 0.085         |
| 16QAM      | 1755                    | 132422     | 1.4 | 3       | 3         | 20.79                  | 19.39           | 0.087         |
| 16QAM      | 1755                    | 132422     | 1.4 | 6       | 0         | 19.59                  | 18.19           | 0.066         |
| 16QAM      | 1779.3                  | 132665     | 1.4 | 1       | 0         | 23.56                  | 22.16           | 0.164         |
| 16QAM      | 1779.3                  | 132665     | 1.4 | 1       | 3         | 21.69                  | 20.29           | 0.107         |
| 16QAM      | 1779.3                  | 132665     | 1.4 | 1       | 5         | 21.73                  | 20.33           | 0.108         |
| 16QAM      | 1779.3                  | 132665     | 1.4 | 3       | 0         | 21.05                  | 19.65           | 0.092         |
| 16QAM      | 1779.3                  | 132665     | 1.4 | 3       | 1         | 21.01                  | 19.61           | 0.091         |
| 16QAM      | 1779.3                  | 132665     | 1.4 | 3       | 3         | 21.09                  | 19.69           | 0.093         |
| 16QAM      | 1779.3                  | 132665     | 1.4 | 6       | 0         | 19.66                  | 18.26           | 0.067         |
| 64QAM      | 1710.7                  | 131979     | 1.4 | 1       | 0         | 22.07                  | 20.67           | 0.117         |
| 64QAM      | 1710.7                  | 131979     | 1.4 | 1       | 3         | 22.02                  | 20.62           | 0.115         |
| 64QAM      | 1710.7                  | 131979     | 1.4 | 1       | 5         | 22.03                  | 20.63           | 0.116         |
| 64QAM      | 1710.7                  | 131979     | 1.4 | 3       | 0         | 22.15                  | 20.75           | 0.119         |
| 64QAM      | 1710.7                  | 131979     | 1.4 | 3       | 1         | 22.15                  | 20.75           | 0.119         |
| 64QAM      | 1710.7                  | 131979     | 1.4 | 3       | 3         | 22.11                  | 20.71           | 0.118         |
| 64QAM      | 1710.7                  | 131979     | 1.4 | 6       | 0         | 20.22                  | 18.82           | 0.076         |
| 64QAM      | 1755                    | 132422     | 1.4 | 1       | 0         | 19.53                  | 18.13           | 0.065         |
| 64QAM      | 1755                    | 132422     | 1.4 | 1       | 3         | 19.78                  | 18.38           | 0.069         |
| 64QAM      | 1755                    | 132422     | 1.4 | 1       | 5         | 21.69                  | 20.29           | 0.107         |
| 64QAM      | 1755                    | 132422     | 1.4 | 3       | 0         | 21.82                  | 20.42           | 0.110         |
| 64QAM      | 1755                    | 132422     | 1.4 | 3       | 1         | 21.88                  | 20.48           | 0.112         |
| 64QAM      | 1755                    | 132422     | 1.4 | 3       | 3         | 21.69                  | 20.29           | 0.107         |
| 64QAM      | 1755                    | 132422     | 1.4 | 6       | 0         | 19.95                  | 18.55           | 0.072         |
| 64QAM      | 1779.3                  | 132665     | 1.4 | 1       | 0         | 21.62                  | 20.22           | 0.105         |
| 64QAM      | 1779.3                  | 132665     | 1.4 | 1       | 3         | 21.46                  | 20.06           | 0.101         |
| 64QAM      | 1779.3                  | 132665     | 1.4 | 1       | 5         | 21.58                  | 20.18           | 0.104         |
| 64QAM      | 1779.3                  | 132665     | 1.4 | 3       | 0         | 22.00                  | 20.60           | 0.115         |
| 64QAM      | 1779.3                  | 132665     | 1.4 | 3       | 1         | 21.94                  | 20.54           | 0.113         |
| 64QAM      | 1779.3                  | 132665     | 1.4 | 3       | 3         | 21.88                  | 20.48           | 0.112         |

|       |        |        |     |   |   |       |       |       |
|-------|--------|--------|-----|---|---|-------|-------|-------|
| 64QAM | 1779.3 | 132665 | 1.4 | 6 | 0 | 20.52 | 19.12 | 0.082 |
|-------|--------|--------|-----|---|---|-------|-------|-------|

| Modulation | Carrier frequency (MHz) | UL Channel | BW  | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|-----|---------|-----------|------------------------|-----------------|---------------|
| QPSK       | 1710.7                  | 131979     | 1.4 | 1       | 0         | 23.68                  | 22.28           | 0.169         |
| QPSK       | 1710.7                  | 131979     | 1.4 | 1       | 3         | 23.45                  | 22.05           | 0.160         |
| QPSK       | 1710.7                  | 131979     | 1.4 | 1       | 5         | 23.51                  | 22.11           | 0.163         |
| QPSK       | 1710.7                  | 131979     | 1.4 | 3       | 0         | 23.62                  | 22.22           | 0.167         |
| QPSK       | 1710.7                  | 131979     | 1.4 | 3       | 1         | 23.68                  | 22.28           | 0.169         |
| QPSK       | 1710.7                  | 131979     | 1.4 | 3       | 3         | 23.63                  | 22.23           | 0.167         |
| QPSK       | 1710.7                  | 131979     | 1.4 | 6       | 0         | 22.91                  | 21.51           | 0.142         |
| QPSK       | 1755                    | 132422     | 1.4 | 1       | 0         | 23.58                  | 22.18           | 0.165         |
| QPSK       | 1755                    | 132422     | 1.4 | 1       | 3         | 23.53                  | 22.13           | 0.163         |
| QPSK       | 1755                    | 132422     | 1.4 | 1       | 5         | 23.52                  | 22.12           | 0.163         |
| QPSK       | 1755                    | 132422     | 1.4 | 3       | 0         | 23.54                  | 22.14           | 0.164         |
| QPSK       | 1755                    | 132422     | 1.4 | 3       | 1         | 23.50                  | 22.10           | 0.162         |
| QPSK       | 1755                    | 132422     | 1.4 | 3       | 3         | 23.53                  | 22.13           | 0.163         |
| QPSK       | 1755                    | 132422     | 1.4 | 6       | 0         | 22.70                  | 21.30           | 0.135         |
| QPSK       | 1779.3                  | 132665     | 1.4 | 1       | 0         | 23.75                  | 22.35           | 0.172         |
| QPSK       | 1779.3                  | 132665     | 1.4 | 1       | 3         | 23.75                  | 22.35           | 0.172         |
| QPSK       | 1779.3                  | 132665     | 1.4 | 1       | 5         | 23.76                  | 22.36           | 0.172         |
| QPSK       | 1779.3                  | 132665     | 1.4 | 3       | 0         | 23.80                  | 22.40           | 0.174         |
| QPSK       | 1779.3                  | 132665     | 1.4 | 3       | 1         | 23.80                  | 22.40           | 0.174         |
| QPSK       | 1779.3                  | 132665     | 1.4 | 3       | 3         | 23.78                  | 22.38           | 0.173         |
| QPSK       | 1779.3                  | 132665     | 1.4 | 6       | 0         | 22.88                  | 21.48           | 0.141         |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|------------------------|-----------------|---------------|
| 16QAM      | 1711.5                  | 131987     | 3  | 1       | 0         | 23.11                  | 21.71           | 0.148         |
| 16QAM      | 1711.5                  | 131987     | 3  | 1       | 8         | 23.12                  | 21.72           | 0.149         |
| 16QAM      | 1711.5                  | 131987     | 3  | 1       | 14        | 23.26                  | 21.86           | 0.153         |
| 16QAM      | 1711.5                  | 131987     | 3  | 8       | 0         | 22.00                  | 20.60           | 0.115         |
| 16QAM      | 1711.5                  | 131987     | 3  | 8       | 4         | 19.99                  | 18.59           | 0.072         |
| 16QAM      | 1711.5                  | 131987     | 3  | 8       | 7         | 22.40                  | 21.00           | 0.126         |
| 16QAM      | 1711.5                  | 131987     | 3  | 15      | 0         | 22.05                  | 20.65           | 0.116         |
| 16QAM      | 1755                    | 132422     | 3  | 1       | 0         | 20.80                  | 19.40           | 0.087         |
| 16QAM      | 1755                    | 132422     | 3  | 1       | 8         | 20.92                  | 19.52           | 0.090         |
| 16QAM      | 1755                    | 132422     | 3  | 1       | 14        | 20.90                  | 19.50           | 0.089         |
| 16QAM      | 1755                    | 132422     | 3  | 8       | 0         | 19.38                  | 17.98           | 0.063         |
| 16QAM      | 1755                    | 132422     | 3  | 8       | 4         | 19.32                  | 17.92           | 0.062         |
| 16QAM      | 1755                    | 132422     | 3  | 8       | 7         | 19.35                  | 17.95           | 0.062         |
| 16QAM      | 1755                    | 132422     | 3  | 15      | 0         | 21.68                  | 20.28           | 0.107         |
| 16QAM      | 1778.5                  | 132657     | 3  | 1       | 0         | 21.24                  | 19.84           | 0.096         |
| 16QAM      | 1778.5                  | 132657     | 3  | 1       | 8         | 21.15                  | 19.75           | 0.094         |
| 16QAM      | 1778.5                  | 132657     | 3  | 1       | 14        | 21.22                  | 19.82           | 0.096         |
| 16QAM      | 1778.5                  | 132657     | 3  | 8       | 0         | 19.63                  | 18.23           | 0.067         |
| 16QAM      | 1778.5                  | 132657     | 3  | 8       | 4         | 19.69                  | 18.29           | 0.067         |
| 16QAM      | 1778.5                  | 132657     | 3  | 8       | 7         | 19.57                  | 18.17           | 0.066         |
| 16QAM      | 1778.5                  | 132657     | 3  | 15      | 0         | 22.05                  | 20.65           | 0.116         |
| 64QAM      | 1711.5                  | 131987     | 3  | 1       | 0         | 22.14                  | 20.74           | 0.119         |
| 64QAM      | 1711.5                  | 131987     | 3  | 1       | 8         | 22.16                  | 20.76           | 0.119         |
| 64QAM      | 1711.5                  | 131987     | 3  | 1       | 14        | 22.57                  | 21.17           | 0.131         |
| 64QAM      | 1711.5                  | 131987     | 3  | 8       | 0         | 20.31                  | 18.91           | 0.078         |
| 64QAM      | 1711.5                  | 131987     | 3  | 8       | 4         | 20.47                  | 19.07           | 0.081         |
| 64QAM      | 1711.5                  | 131987     | 3  | 8       | 7         | 20.51                  | 19.11           | 0.081         |
| 64QAM      | 1711.5                  | 131987     | 3  | 15      | 0         | 20.51                  | 19.11           | 0.081         |
| 64QAM      | 1755                    | 132422     | 3  | 1       | 0         | 23.13                  | 21.73           | 0.149         |
| 64QAM      | 1755                    | 132422     | 3  | 1       | 8         | 23.17                  | 21.77           | 0.150         |
| 64QAM      | 1755                    | 132422     | 3  | 1       | 14        | 23.11                  | 21.71           | 0.148         |
| 64QAM      | 1755                    | 132422     | 3  | 8       | 0         | 19.84                  | 18.44           | 0.070         |
| 64QAM      | 1755                    | 132422     | 3  | 8       | 4         | 17.90                  | 16.50           | 0.045         |
| 64QAM      | 1755                    | 132422     | 3  | 8       | 7         | 20.02                  | 18.62           | 0.073         |
| 64QAM      | 1755                    | 132422     | 3  | 15      | 0         | 20.03                  | 18.63           | 0.073         |
| 64QAM      | 1778.5                  | 132657     | 3  | 1       | 0         | 22.25                  | 20.85           | 0.122         |
| 64QAM      | 1778.5                  | 132657     | 3  | 1       | 8         | 22.26                  | 20.86           | 0.122         |
| 64QAM      | 1778.5                  | 132657     | 3  | 1       | 14        | 22.16                  | 20.76           | 0.119         |
| 64QAM      | 1778.5                  | 132657     | 3  | 8       | 0         | 20.24                  | 18.84           | 0.077         |
| 64QAM      | 1778.5                  | 132657     | 3  | 8       | 4         | 20.26                  | 18.86           | 0.077         |
| 64QAM      | 1778.5                  | 132657     | 3  | 8       | 7         | 18.16                  | 16.76           | 0.047         |
| 64QAM      | 1778.5                  | 132657     | 3  | 15      | 0         | 20.38                  | 18.98           | 0.079         |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|------------------------|-----------------|---------------|
| QPSK       | 1711.5                  | 131987     | 3  | 1       | 0         | 23.58                  | 22.18           | 0.165         |
| QPSK       | 1711.5                  | 131987     | 3  | 1       | 8         | 23.58                  | 22.18           | 0.165         |
| QPSK       | 1711.5                  | 131987     | 3  | 1       | 14        | 23.68                  | 22.28           | 0.169         |
| QPSK       | 1711.5                  | 131987     | 3  | 8       | 0         | 22.84                  | 21.44           | 0.139         |
| QPSK       | 1711.5                  | 131987     | 3  | 8       | 4         | 22.81                  | 21.41           | 0.138         |
| QPSK       | 1711.5                  | 131987     | 3  | 8       | 7         | 22.83                  | 21.43           | 0.139         |
| QPSK       | 1711.5                  | 131987     | 3  | 15      | 0         | 22.90                  | 21.50           | 0.141         |
| QPSK       | 1755                    | 132422     | 3  | 1       | 0         | 23.72                  | 22.32           | 0.171         |
| QPSK       | 1755                    | 132422     | 3  | 1       | 8         | 23.85                  | 22.45           | 0.176         |
| QPSK       | 1755                    | 132422     | 3  | 1       | 14        | 23.77                  | 22.37           | 0.173         |
| QPSK       | 1755                    | 132422     | 3  | 8       | 0         | 22.73                  | 21.33           | 0.136         |
| QPSK       | 1755                    | 132422     | 3  | 8       | 4         | 22.67                  | 21.27           | 0.134         |
| QPSK       | 1755                    | 132422     | 3  | 8       | 7         | 22.66                  | 21.26           | 0.134         |
| QPSK       | 1755                    | 132422     | 3  | 15      | 0         | 22.72                  | 21.32           | 0.136         |
| QPSK       | 1778.5                  | 132657     | 3  | 1       | 0         | 23.68                  | 22.28           | 0.169         |
| QPSK       | 1778.5                  | 132657     | 3  | 1       | 8         | 23.64                  | 22.24           | 0.167         |
| QPSK       | 1778.5                  | 132657     | 3  | 1       | 14        | 23.67                  | 22.27           | 0.169         |
| QPSK       | 1778.5                  | 132657     | 3  | 8       | 0         | 22.90                  | 21.50           | 0.141         |
| QPSK       | 1778.5                  | 132657     | 3  | 8       | 4         | 22.91                  | 21.51           | 0.142         |
| QPSK       | 1778.5                  | 132657     | 3  | 8       | 7         | 22.99                  | 21.59           | 0.144         |
| QPSK       | 1778.5                  | 132657     | 3  | 15      | 0         | 20.93                  | 19.53           | 0.090         |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|------------------------|-----------------|---------------|
| 16QAM      | 1712.5                  | 131997     | 5  | 1       | 0         | 22.75                  | 21.35           | 0.136         |
| 16QAM      | 1712.5                  | 131997     | 5  | 1       | 12        | 22.71                  | 21.31           | 0.135         |
| 16QAM      | 1712.5                  | 131997     | 5  | 1       | 24        | 22.69                  | 21.29           | 0.135         |
| 16QAM      | 1712.5                  | 131997     | 5  | 12      | 0         | 21.82                  | 20.42           | 0.110         |
| 16QAM      | 1712.5                  | 131997     | 5  | 12      | 7         | 22.28                  | 20.88           | 0.122         |
| 16QAM      | 1712.5                  | 131997     | 5  | 12      | 13        | 22.28                  | 20.88           | 0.122         |
| 16QAM      | 1712.5                  | 131997     | 5  | 25      | 0         | 22.30                  | 20.90           | 0.123         |
| 16QAM      | 1755                    | 132422     | 5  | 1       | 0         | 20.43                  | 19.03           | 0.080         |
| 16QAM      | 1755                    | 132422     | 5  | 1       | 12        | 20.59                  | 19.19           | 0.083         |
| 16QAM      | 1755                    | 132422     | 5  | 1       | 24        | 20.57                  | 19.17           | 0.083         |
| 16QAM      | 1755                    | 132422     | 5  | 12      | 0         | 19.19                  | 17.79           | 0.060         |
| 16QAM      | 1755                    | 132422     | 5  | 12      | 7         | 21.66                  | 20.26           | 0.106         |
| 16QAM      | 1755                    | 132422     | 5  | 12      | 13        | 21.74                  | 20.34           | 0.108         |
| 16QAM      | 1755                    | 132422     | 5  | 25      | 0         | 21.82                  | 20.42           | 0.110         |
| 16QAM      | 1777.5                  | 132647     | 5  | 1       | 0         | 21.12                  | 19.72           | 0.094         |
| 16QAM      | 1777.5                  | 132647     | 5  | 1       | 12        | 20.70                  | 19.30           | 0.085         |
| 16QAM      | 1777.5                  | 132647     | 5  | 1       | 24        | 20.72                  | 19.32           | 0.086         |
| 16QAM      | 1777.5                  | 132647     | 5  | 12      | 0         | 19.59                  | 18.19           | 0.066         |
| 16QAM      | 1777.5                  | 132647     | 5  | 12      | 7         | 19.67                  | 18.27           | 0.067         |
| 16QAM      | 1777.5                  | 132647     | 5  | 12      | 13        | 19.44                  | 18.04           | 0.064         |
| 16QAM      | 1777.5                  | 132647     | 5  | 25      | 0         | 21.99                  | 20.59           | 0.115         |
| 64QAM      | 1712.5                  | 131997     | 5  | 1       | 0         | 21.91                  | 20.51           | 0.112         |
| 64QAM      | 1712.5                  | 131997     | 5  | 1       | 12        | 22.42                  | 21.02           | 0.126         |
| 64QAM      | 1712.5                  | 131997     | 5  | 1       | 24        | 22.06                  | 20.66           | 0.116         |
| 64QAM      | 1712.5                  | 131997     | 5  | 12      | 0         | 20.38                  | 18.98           | 0.079         |
| 64QAM      | 1712.5                  | 131997     | 5  | 12      | 7         | 20.70                  | 19.30           | 0.085         |
| 64QAM      | 1712.5                  | 131997     | 5  | 12      | 13        | 20.70                  | 19.30           | 0.085         |
| 64QAM      | 1712.5                  | 131997     | 5  | 25      | 0         | 20.55                  | 19.15           | 0.082         |
| 64QAM      | 1755                    | 132422     | 5  | 1       | 0         | 21.77                  | 20.37           | 0.109         |
| 64QAM      | 1755                    | 132422     | 5  | 1       | 12        | 21.84                  | 20.44           | 0.111         |
| 64QAM      | 1755                    | 132422     | 5  | 1       | 24        | 19.24                  | 17.84           | 0.061         |
| 64QAM      | 1755                    | 132422     | 5  | 12      | 0         | 19.88                  | 18.48           | 0.070         |
| 64QAM      | 1755                    | 132422     | 5  | 12      | 7         | 20.05                  | 18.65           | 0.073         |
| 64QAM      | 1755                    | 132422     | 5  | 12      | 13        | 19.99                  | 18.59           | 0.072         |
| 64QAM      | 1755                    | 132422     | 5  | 25      | 0         | 19.90                  | 18.50           | 0.071         |
| 64QAM      | 1777.5                  | 132647     | 5  | 1       | 0         | 22.39                  | 20.99           | 0.126         |
| 64QAM      | 1777.5                  | 132647     | 5  | 1       | 12        | 22.04                  | 20.64           | 0.116         |
| 64QAM      | 1777.5                  | 132647     | 5  | 1       | 24        | 22.04                  | 20.64           | 0.116         |
| 64QAM      | 1777.5                  | 132647     | 5  | 12      | 0         | 20.30                  | 18.90           | 0.078         |
| 64QAM      | 1777.5                  | 132647     | 5  | 12      | 7         | 20.37                  | 18.97           | 0.079         |
| 64QAM      | 1777.5                  | 132647     | 5  | 12      | 13        | 18.14                  | 16.74           | 0.047         |
| 64QAM      | 1777.5                  | 132647     | 5  | 25      | 0         | 20.28                  | 18.88           | 0.077         |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|------------------------|-----------------|---------------|
| QPSK       | 1712.5                  | 131997     | 5  | 1       | 0         | 23.59                  | 22.19           | 0.166         |
| QPSK       | 1712.5                  | 131997     | 5  | 1       | 12        | 23.74                  | 22.34           | 0.171         |
| QPSK       | 1712.5                  | 131997     | 5  | 1       | 24        | 23.80                  | 22.40           | 0.174         |
| QPSK       | 1712.5                  | 131997     | 5  | 12      | 0         | 22.86                  | 21.46           | 0.140         |
| QPSK       | 1712.5                  | 131997     | 5  | 12      | 7         | 22.90                  | 21.50           | 0.141         |
| QPSK       | 1712.5                  | 131997     | 5  | 12      | 13        | 22.96                  | 21.56           | 0.143         |
| QPSK       | 1712.5                  | 131997     | 5  | 25      | 0         | 22.80                  | 21.40           | 0.138         |
| QPSK       | 1755                    | 132422     | 5  | 1       | 0         | 23.43                  | 22.03           | 0.160         |
| QPSK       | 1755                    | 132422     | 5  | 1       | 12        | 23.52                  | 22.12           | 0.163         |
| QPSK       | 1755                    | 132422     | 5  | 1       | 24        | 23.73                  | 22.33           | 0.171         |
| QPSK       | 1755                    | 132422     | 5  | 12      | 0         | 22.73                  | 21.33           | 0.136         |
| QPSK       | 1755                    | 132422     | 5  | 12      | 7         | 22.81                  | 21.41           | 0.138         |
| QPSK       | 1755                    | 132422     | 5  | 12      | 13        | 22.73                  | 21.33           | 0.136         |
| QPSK       | 1755                    | 132422     | 5  | 25      | 0         | 22.75                  | 21.35           | 0.136         |
| QPSK       | 1777.5                  | 132647     | 5  | 1       | 0         | 23.87                  | 22.47           | 0.177         |
| QPSK       | 1777.5                  | 132647     | 5  | 1       | 12        | 23.89                  | 22.49           | 0.177         |
| QPSK       | 1777.5                  | 132647     | 5  | 1       | 24        | 23.72                  | 22.32           | 0.171         |
| QPSK       | 1777.5                  | 132647     | 5  | 12      | 0         | 23.03                  | 21.63           | 0.146         |
| QPSK       | 1777.5                  | 132647     | 5  | 12      | 7         | 22.95                  | 21.55           | 0.143         |
| QPSK       | 1777.5                  | 132647     | 5  | 12      | 13        | 22.89                  | 21.49           | 0.141         |
| QPSK       | 1777.5                  | 132647     | 5  | 25      | 0         | 21.01                  | 19.61           | 0.091         |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|------------------------|-----------------|---------------|
| 16QAM      | 1715                    | 132022     | 10 | 1       | 0         | 23.53                  | 22.13           | 0.163         |
| 16QAM      | 1715                    | 132022     | 10 | 1       | 25        | 23.58                  | 22.18           | 0.165         |
| 16QAM      | 1715                    | 132022     | 10 | 1       | 49        | 23.48                  | 22.08           | 0.161         |
| 16QAM      | 1715                    | 132022     | 10 | 25      | 0         | 22.44                  | 21.04           | 0.127         |
| 16QAM      | 1715                    | 132022     | 10 | 25      | 12        | 19.89                  | 18.49           | 0.071         |
| 16QAM      | 1715                    | 132022     | 10 | 25      | 25        | 22.33                  | 20.93           | 0.124         |
| 16QAM      | 1715                    | 132022     | 10 | 50      | 0         | 22.00                  | 20.60           | 0.115         |
| 16QAM      | 1755                    | 132422     | 10 | 1       | 0         | 20.67                  | 19.27           | 0.085         |
| 16QAM      | 1755                    | 132422     | 10 | 1       | 25        | 20.77                  | 19.37           | 0.086         |
| 16QAM      | 1755                    | 132422     | 10 | 1       | 49        | 20.79                  | 19.39           | 0.087         |
| 16QAM      | 1755                    | 132422     | 10 | 25      | 0         | 19.32                  | 17.92           | 0.062         |
| 16QAM      | 1755                    | 132422     | 10 | 25      | 12        | 19.56                  | 18.16           | 0.065         |
| 16QAM      | 1755                    | 132422     | 10 | 25      | 25        | 19.82                  | 18.42           | 0.070         |
| 16QAM      | 1755                    | 132422     | 10 | 50      | 0         | 21.73                  | 20.33           | 0.108         |
| 16QAM      | 1775                    | 132622     | 10 | 1       | 0         | 21.27                  | 19.87           | 0.097         |
| 16QAM      | 1775                    | 132622     | 10 | 1       | 25        | 21.62                  | 20.22           | 0.105         |
| 16QAM      | 1775                    | 132622     | 10 | 1       | 49        | 21.20                  | 19.80           | 0.095         |
| 16QAM      | 1775                    | 132622     | 10 | 25      | 0         | 20.03                  | 18.63           | 0.073         |
| 16QAM      | 1775                    | 132622     | 10 | 25      | 12        | 19.98                  | 18.58           | 0.072         |
| 16QAM      | 1775                    | 132622     | 10 | 25      | 25        | 19.95                  | 18.55           | 0.072         |
| 16QAM      | 1775                    | 132622     | 10 | 50      | 0         | 22.39                  | 20.99           | 0.126         |
| 64QAM      | 1715                    | 132022     | 10 | 1       | 0         | 21.58                  | 20.18           | 0.104         |
| 64QAM      | 1715                    | 132022     | 10 | 1       | 25        | 21.61                  | 20.21           | 0.105         |
| 64QAM      | 1715                    | 132022     | 10 | 1       | 49        | 21.57                  | 20.17           | 0.104         |
| 64QAM      | 1715                    | 132022     | 10 | 25      | 0         | 20.41                  | 19.01           | 0.080         |
| 64QAM      | 1715                    | 132022     | 10 | 25      | 12        | 20.69                  | 19.29           | 0.085         |
| 64QAM      | 1715                    | 132022     | 10 | 25      | 25        | 20.97                  | 19.57           | 0.091         |
| 64QAM      | 1715                    | 132022     | 10 | 50      | 0         | 20.69                  | 19.29           | 0.085         |
| 64QAM      | 1755                    | 132422     | 10 | 1       | 0         | 22.08                  | 20.68           | 0.117         |
| 64QAM      | 1755                    | 132422     | 10 | 1       | 25        | 22.12                  | 20.72           | 0.118         |
| 64QAM      | 1755                    | 132422     | 10 | 1       | 49        | 22.21                  | 20.81           | 0.121         |
| 64QAM      | 1755                    | 132422     | 10 | 25      | 0         | 19.89                  | 18.49           | 0.071         |
| 64QAM      | 1755                    | 132422     | 10 | 25      | 12        | 20.10                  | 18.70           | 0.074         |
| 64QAM      | 1755                    | 132422     | 10 | 25      | 25        | 18.51                  | 17.11           | 0.051         |
| 64QAM      | 1755                    | 132422     | 10 | 50      | 0         | 20.23                  | 18.83           | 0.076         |
| 64QAM      | 1775                    | 132622     | 10 | 1       | 0         | 22.12                  | 20.72           | 0.118         |
| 64QAM      | 1775                    | 132622     | 10 | 1       | 25        | 22.56                  | 21.16           | 0.131         |
| 64QAM      | 1775                    | 132622     | 10 | 1       | 49        | 22.18                  | 20.78           | 0.120         |
| 64QAM      | 1775                    | 132622     | 10 | 25      | 0         | 20.74                  | 19.34           | 0.086         |
| 64QAM      | 1775                    | 132622     | 10 | 25      | 12        | 20.66                  | 19.26           | 0.084         |
| 64QAM      | 1775                    | 132622     | 10 | 25      | 25        | 18.61                  | 17.21           | 0.053         |
| 64QAM      | 1775                    | 132622     | 10 | 50      | 0         | 20.71                  | 19.31           | 0.085         |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|------------------------|-----------------|---------------|
| QPSK       | 1715                    | 132022     | 10 | 1       | 0         | 23.86                  | 22.46           | 0.176         |
| QPSK       | 1715                    | 132022     | 10 | 1       | 25        | 23.96                  | 22.56           | 0.180         |
| QPSK       | 1715                    | 132022     | 10 | 1       | 49        | 23.88                  | 22.48           | 0.177         |
| QPSK       | 1715                    | 132022     | 10 | 25      | 0         | 22.92                  | 21.52           | 0.142         |
| QPSK       | 1715                    | 132022     | 10 | 25      | 12        | 22.95                  | 21.55           | 0.143         |
| QPSK       | 1715                    | 132022     | 10 | 25      | 25        | 22.76                  | 21.36           | 0.137         |
| QPSK       | 1715                    | 132022     | 10 | 50      | 0         | 22.89                  | 21.49           | 0.141         |
| QPSK       | 1755                    | 132422     | 10 | 1       | 0         | 23.46                  | 22.06           | 0.161         |
| QPSK       | 1755                    | 132422     | 10 | 1       | 25        | 23.53                  | 22.13           | 0.163         |
| QPSK       | 1755                    | 132422     | 10 | 1       | 49        | 23.58                  | 22.18           | 0.165         |
| QPSK       | 1755                    | 132422     | 10 | 25      | 0         | 22.62                  | 21.22           | 0.132         |
| QPSK       | 1755                    | 132422     | 10 | 25      | 12        | 22.70                  | 21.30           | 0.135         |
| QPSK       | 1755                    | 132422     | 10 | 25      | 25        | 22.61                  | 21.21           | 0.132         |
| QPSK       | 1755                    | 132422     | 10 | 50      | 0         | 22.63                  | 21.23           | 0.133         |
| QPSK       | 1775                    | 132622     | 10 | 1       | 0         | 23.59                  | 22.19           | 0.166         |
| QPSK       | 1775                    | 132622     | 10 | 1       | 25        | 23.61                  | 22.21           | 0.166         |
| QPSK       | 1775                    | 132622     | 10 | 1       | 49        | 23.69                  | 22.29           | 0.169         |
| QPSK       | 1775                    | 132622     | 10 | 25      | 0         | 22.91                  | 21.51           | 0.142         |
| QPSK       | 1775                    | 132622     | 10 | 25      | 12        | 22.82                  | 21.42           | 0.139         |
| QPSK       | 1775                    | 132622     | 10 | 25      | 25        | 22.97                  | 21.57           | 0.144         |
| QPSK       | 1775                    | 132622     | 10 | 50      | 0         | 21.26                  | 19.86           | 0.097         |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|------------------------|-----------------|---------------|
| 16QAM      | 1717.5                  | 132047     | 15 | 1       | 0         | 22.96                  | 21.56           | 0.143         |
| 16QAM      | 1717.5                  | 132047     | 15 | 1       | 37        | 22.97                  | 21.57           | 0.144         |
| 16QAM      | 1717.5                  | 132047     | 15 | 1       | 74        | 22.94                  | 21.54           | 0.143         |
| 16QAM      | 1717.5                  | 132047     | 15 | 36      | 0         | 22.00                  | 20.60           | 0.115         |
| 16QAM      | 1717.5                  | 132047     | 15 | 36      | 29        | 22.07                  | 20.67           | 0.117         |
| 16QAM      | 1717.5                  | 132047     | 15 | 36      | 30        | 22.06                  | 20.66           | 0.116         |
| 16QAM      | 1717.5                  | 132047     | 15 | 75      | 0         | 22.29                  | 20.89           | 0.123         |
| 16QAM      | 1755                    | 132422     | 15 | 1       | 0         | 20.99                  | 19.59           | 0.091         |
| 16QAM      | 1755                    | 132422     | 15 | 1       | 37        | 20.99                  | 19.59           | 0.091         |
| 16QAM      | 1755                    | 132422     | 15 | 1       | 74        | 21.14                  | 19.74           | 0.094         |
| 16QAM      | 1755                    | 132422     | 15 | 36      | 0         | 19.47                  | 18.07           | 0.064         |
| 16QAM      | 1755                    | 132422     | 15 | 36      | 29        | 19.74                  | 18.34           | 0.068         |
| 16QAM      | 1755                    | 132422     | 15 | 36      | 30        | 19.61                  | 18.21           | 0.066         |
| 16QAM      | 1755                    | 132422     | 15 | 75      | 0         | 19.58                  | 18.18           | 0.066         |
| 16QAM      | 1772.5                  | 132597     | 15 | 1       | 0         | 21.54                  | 20.14           | 0.103         |
| 16QAM      | 1772.5                  | 132597     | 15 | 1       | 37        | 21.36                  | 19.96           | 0.099         |
| 16QAM      | 1772.5                  | 132597     | 15 | 1       | 74        | 21.34                  | 19.94           | 0.099         |
| 16QAM      | 1772.5                  | 132597     | 15 | 36      | 0         | 20.06                  | 18.66           | 0.073         |
| 16QAM      | 1772.5                  | 132597     | 15 | 36      | 29        | 22.27                  | 20.87           | 0.122         |
| 16QAM      | 1772.5                  | 132597     | 15 | 36      | 30        | 22.32                  | 20.92           | 0.124         |
| 16QAM      | 1772.5                  | 132597     | 15 | 75      | 0         | 22.01                  | 20.61           | 0.115         |
| 64QAM      | 1717.5                  | 132047     | 15 | 1       | 0         | 22.71                  | 21.31           | 0.135         |
| 64QAM      | 1717.5                  | 132047     | 15 | 1       | 37        | 23.08                  | 21.68           | 0.147         |
| 64QAM      | 1717.5                  | 132047     | 15 | 1       | 74        | 22.57                  | 21.17           | 0.131         |
| 64QAM      | 1717.5                  | 132047     | 15 | 36      | 0         | 20.63                  | 19.23           | 0.084         |
| 64QAM      | 1717.5                  | 132047     | 15 | 36      | 29        | 20.57                  | 19.17           | 0.083         |
| 64QAM      | 1717.5                  | 132047     | 15 | 36      | 30        | 20.58                  | 19.18           | 0.083         |
| 64QAM      | 1717.5                  | 132047     | 15 | 75      | 0         | 20.62                  | 19.22           | 0.084         |
| 64QAM      | 1755                    | 132422     | 15 | 1       | 0         | 22.86                  | 21.46           | 0.140         |
| 64QAM      | 1755                    | 132422     | 15 | 1       | 37        | 22.87                  | 21.47           | 0.140         |
| 64QAM      | 1755                    | 132422     | 15 | 1       | 74        | 22.92                  | 21.52           | 0.142         |
| 64QAM      | 1755                    | 132422     | 15 | 36      | 0         | 19.98                  | 18.58           | 0.072         |
| 64QAM      | 1755                    | 132422     | 15 | 36      | 29        | 20.23                  | 18.83           | 0.076         |
| 64QAM      | 1755                    | 132422     | 15 | 36      | 30        | 18.23                  | 16.83           | 0.048         |
| 64QAM      | 1755                    | 132422     | 15 | 75      | 0         | 20.34                  | 18.94           | 0.078         |
| 64QAM      | 1772.5                  | 132597     | 15 | 1       | 0         | 23.21                  | 21.81           | 0.152         |
| 64QAM      | 1772.5                  | 132597     | 15 | 1       | 37        | 23.02                  | 21.62           | 0.145         |
| 64QAM      | 1772.5                  | 132597     | 15 | 1       | 74        | 22.94                  | 21.54           | 0.143         |
| 64QAM      | 1772.5                  | 132597     | 15 | 36      | 0         | 18.57                  | 17.17           | 0.052         |
| 64QAM      | 1772.5                  | 132597     | 15 | 36      | 29        | 20.55                  | 19.15           | 0.082         |
| 64QAM      | 1772.5                  | 132597     | 15 | 36      | 30        | 20.51                  | 19.11           | 0.081         |
| 64QAM      | 1772.5                  | 132597     | 15 | 75      | 0         | 20.67                  | 19.27           | 0.085         |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|------------------------|-----------------|---------------|
| QPSK       | 1717.5                  | 132047     | 15 | 1       | 0         | 23.41                  | 22.01           | 0.159         |
| QPSK       | 1717.5                  | 132047     | 15 | 1       | 37        | 23.37                  | 21.97           | 0.157         |
| QPSK       | 1717.5                  | 132047     | 15 | 1       | 74        | 23.28                  | 21.88           | 0.154         |
| QPSK       | 1717.5                  | 132047     | 15 | 36      | 0         | 22.85                  | 21.45           | 0.140         |
| QPSK       | 1717.5                  | 132047     | 15 | 36      | 29        | 22.94                  | 21.54           | 0.143         |
| QPSK       | 1717.5                  | 132047     | 15 | 36      | 30        | 22.89                  | 21.49           | 0.141         |
| QPSK       | 1717.5                  | 132047     | 15 | 75      | 0         | 22.74                  | 21.34           | 0.136         |
| QPSK       | 1755                    | 132422     | 15 | 1       | 0         | 23.23                  | 21.83           | 0.152         |
| QPSK       | 1755                    | 132422     | 15 | 1       | 37        | 23.35                  | 21.95           | 0.157         |
| QPSK       | 1755                    | 132422     | 15 | 1       | 74        | 23.40                  | 22.00           | 0.158         |
| QPSK       | 1755                    | 132422     | 15 | 36      | 0         | 22.69                  | 21.29           | 0.135         |
| QPSK       | 1755                    | 132422     | 15 | 36      | 29        | 22.78                  | 21.38           | 0.137         |
| QPSK       | 1755                    | 132422     | 15 | 36      | 30        | 22.71                  | 21.31           | 0.135         |
| QPSK       | 1755                    | 132422     | 15 | 75      | 0         | 22.69                  | 21.29           | 0.135         |
| QPSK       | 1772.5                  | 132597     | 15 | 1       | 0         | 23.41                  | 22.01           | 0.159         |
| QPSK       | 1772.5                  | 132597     | 15 | 1       | 37        | 23.41                  | 22.01           | 0.159         |
| QPSK       | 1772.5                  | 132597     | 15 | 1       | 74        | 23.47                  | 22.07           | 0.161         |
| QPSK       | 1772.5                  | 132597     | 15 | 36      | 0         | 22.78                  | 21.38           | 0.137         |
| QPSK       | 1772.5                  | 132597     | 15 | 36      | 29        | 22.92                  | 21.52           | 0.142         |
| QPSK       | 1772.5                  | 132597     | 15 | 36      | 30        | 22.91                  | 21.51           | 0.142         |
| QPSK       | 1772.5                  | 132597     | 15 | 75      | 0         | 22.95                  | 21.55           | 0.143         |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|------------------------|-----------------|---------------|
| 16QAM      | 1720                    | 132072     | 20 | 1       | 0         | 23.19                  | 21.79           | 0.151         |
| 16QAM      | 1720                    | 132072     | 20 | 1       | 49        | 23.01                  | 21.61           | 0.145         |
| 16QAM      | 1720                    | 132072     | 20 | 1       | 99        | 22.88                  | 21.48           | 0.141         |
| 16QAM      | 1720                    | 132072     | 20 | 50      | 0         | 21.90                  | 20.50           | 0.112         |
| 16QAM      | 1720                    | 132072     | 20 | 50      | 24        | 22.00                  | 20.60           | 0.115         |
| 16QAM      | 1720                    | 132072     | 20 | 50      | 50        | 21.82                  | 20.42           | 0.110         |
| 16QAM      | 1720                    | 132072     | 20 | 100     | 0         | 21.98                  | 20.58           | 0.114         |
| 16QAM      | 1755                    | 132422     | 20 | 1       | 0         | 22.40                  | 21.00           | 0.126         |
| 16QAM      | 1755                    | 132422     | 20 | 1       | 49        | 20.41                  | 19.01           | 0.080         |
| 16QAM      | 1755                    | 132422     | 20 | 1       | 99        | 20.62                  | 19.22           | 0.084         |
| 16QAM      | 1755                    | 132422     | 20 | 50      | 0         | 19.53                  | 18.13           | 0.065         |
| 16QAM      | 1755                    | 132422     | 20 | 50      | 24        | 21.85                  | 20.45           | 0.111         |
| 16QAM      | 1755                    | 132422     | 20 | 50      | 50        | 21.87                  | 20.47           | 0.111         |
| 16QAM      | 1755                    | 132422     | 20 | 100     | 0         | 21.69                  | 20.29           | 0.107         |
| 16QAM      | 1770                    | 132572     | 20 | 1       | 0         | 21.58                  | 20.18           | 0.104         |
| 16QAM      | 1770                    | 132572     | 20 | 1       | 49        | 22.15                  | 20.75           | 0.119         |
| 16QAM      | 1770                    | 132572     | 20 | 1       | 99        | 21.99                  | 20.59           | 0.115         |
| 16QAM      | 1770                    | 132572     | 20 | 50      | 0         | 20.02                  | 18.62           | 0.073         |
| 16QAM      | 1770                    | 132572     | 20 | 50      | 24        | 19.95                  | 18.55           | 0.072         |
| 16QAM      | 1770                    | 132572     | 20 | 50      | 50        | 19.90                  | 18.50           | 0.071         |
| 16QAM      | 1770                    | 132572     | 20 | 100     | 0         | 22.45                  | 21.05           | 0.127         |
| 64QAM      | 1720                    | 132072     | 20 | 1       | 0         | 22.57                  | 21.17           | 0.131         |
| 64QAM      | 1720                    | 132072     | 20 | 1       | 49        | 22.51                  | 21.11           | 0.129         |
| 64QAM      | 1720                    | 132072     | 20 | 1       | 99        | 22.47                  | 21.07           | 0.128         |
| 64QAM      | 1720                    | 132072     | 20 | 50      | 0         | 20.96                  | 19.56           | 0.090         |
| 64QAM      | 1720                    | 132072     | 20 | 50      | 24        | 20.72                  | 19.32           | 0.086         |
| 64QAM      | 1720                    | 132072     | 20 | 50      | 50        | 20.48                  | 19.08           | 0.081         |
| 64QAM      | 1720                    | 132072     | 20 | 100     | 0         | 20.70                  | 19.30           | 0.085         |
| 64QAM      | 1755                    | 132422     | 20 | 1       | 0         | 22.49                  | 21.09           | 0.129         |
| 64QAM      | 1755                    | 132422     | 20 | 1       | 49        | 22.64                  | 21.24           | 0.133         |
| 64QAM      | 1755                    | 132422     | 20 | 1       | 99        | 22.87                  | 21.47           | 0.140         |
| 64QAM      | 1755                    | 132422     | 20 | 50      | 0         | 18.04                  | 16.64           | 0.046         |
| 64QAM      | 1755                    | 132422     | 20 | 50      | 24        | 20.21                  | 18.81           | 0.076         |
| 64QAM      | 1755                    | 132422     | 20 | 50      | 50        | 20.88                  | 19.48           | 0.089         |
| 64QAM      | 1755                    | 132422     | 20 | 100     | 0         | 20.50                  | 19.10           | 0.081         |
| 64QAM      | 1770                    | 132572     | 20 | 1       | 0         | 22.80                  | 21.40           | 0.138         |
| 64QAM      | 1770                    | 132572     | 20 | 1       | 49        | 23.26                  | 21.86           | 0.153         |
| 64QAM      | 1770                    | 132572     | 20 | 1       | 99        | 22.92                  | 21.52           | 0.142         |
| 64QAM      | 1770                    | 132572     | 20 | 50      | 0         | 20.76                  | 19.36           | 0.086         |
| 64QAM      | 1770                    | 132572     | 20 | 50      | 24        | 18.40                  | 17.00           | 0.050         |
| 64QAM      | 1770                    | 132572     | 20 | 50      | 50        | 18.36                  | 16.96           | 0.050         |
| 64QAM      | 1770                    | 132572     | 20 | 100     | 0         | 20.76                  | 19.36           | 0.086         |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conduct ed power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|------------------------|-----------------|---------------|
| QPSK       | 1720                    | 132072     | 20 | 1       | 0         | 23.64                  | 22.24           | 0.167         |
| QPSK       | 1720                    | 132072     | 20 | 1       | 49        | 23.59                  | 22.19           | 0.166         |
| QPSK       | 1720                    | 132072     | 20 | 1       | 99        | 23.60                  | 22.20           | 0.166         |
| QPSK       | 1720                    | 132072     | 20 | 50      | 0         | 22.90                  | 21.50           | 0.141         |
| QPSK       | 1720                    | 132072     | 20 | 50      | 24        | 22.89                  | 21.49           | 0.141         |
| QPSK       | 1720                    | 132072     | 20 | 50      | 50        | 22.87                  | 21.47           | 0.140         |
| QPSK       | 1720                    | 132072     | 20 | 100     | 0         | 22.85                  | 21.45           | 0.140         |
| QPSK       | 1755                    | 132422     | 20 | 1       | 0         | 23.35                  | 21.95           | 0.157         |
| QPSK       | 1755                    | 132422     | 20 | 1       | 49        | 23.52                  | 22.12           | 0.163         |
| QPSK       | 1755                    | 132422     | 20 | 1       | 99        | 23.60                  | 22.20           | 0.166         |
| QPSK       | 1755                    | 132422     | 20 | 50      | 0         | 22.58                  | 21.18           | 0.131         |
| QPSK       | 1755                    | 132422     | 20 | 50      | 24        | 22.68                  | 21.28           | 0.134         |
| QPSK       | 1755                    | 132422     | 20 | 50      | 50        | 22.79                  | 21.39           | 0.138         |
| QPSK       | 1755                    | 132422     | 20 | 100     | 0         | 22.74                  | 21.34           | 0.136         |
| QPSK       | 1770                    | 132572     | 20 | 1       | 0         | 23.47                  | 22.07           | 0.161         |
| QPSK       | 1770                    | 132572     | 20 | 1       | 49        | 23.56                  | 22.16           | 0.164         |
| QPSK       | 1770                    | 132572     | 20 | 1       | 99        | 23.69                  | 22.29           | 0.169         |
| QPSK       | 1770                    | 132572     | 20 | 50      | 0         | 23.01                  | 21.61           | 0.145         |
| QPSK       | 1770                    | 132572     | 20 | 50      | 24        | 22.87                  | 21.47           | 0.140         |
| QPSK       | 1770                    | 132572     | 20 | 50      | 50        | 22.86                  | 21.46           | 0.140         |
| QPSK       | 1770                    | 132572     | 20 | 100     | 0         | 21.27                  | 19.87           | 0.097         |