

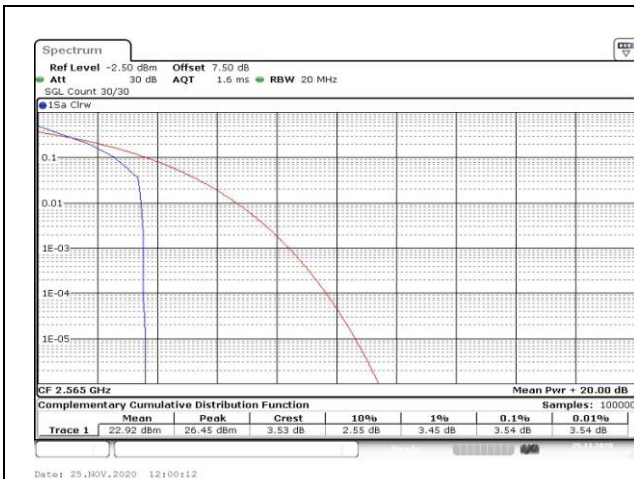


Fig.31

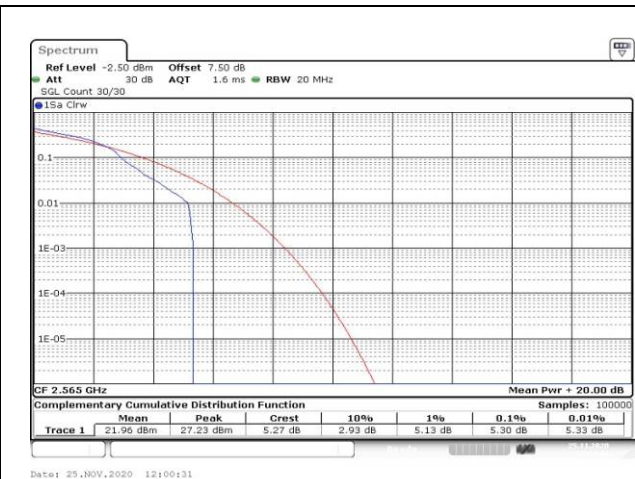


Fig.32



Fig.33

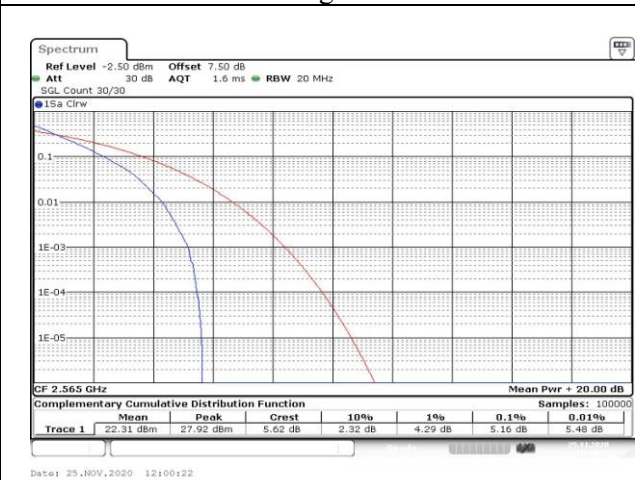


Fig.34

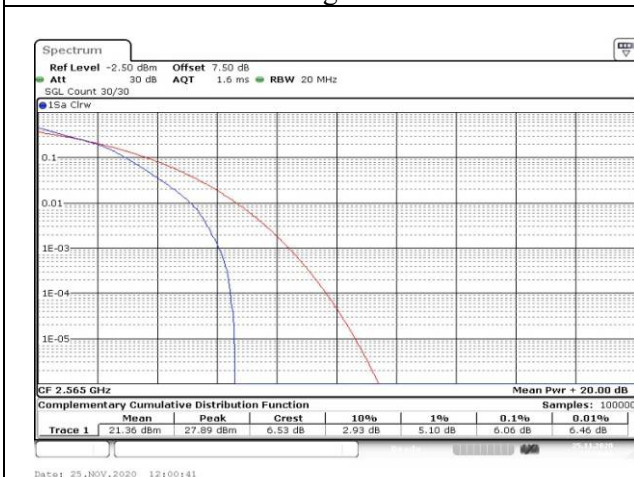


Fig.35

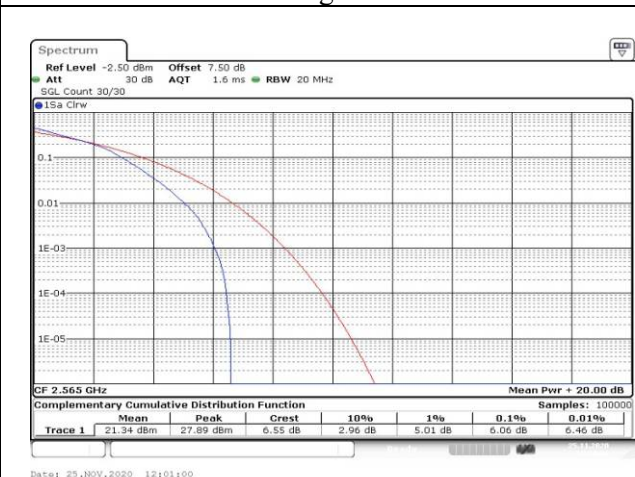


Fig.36

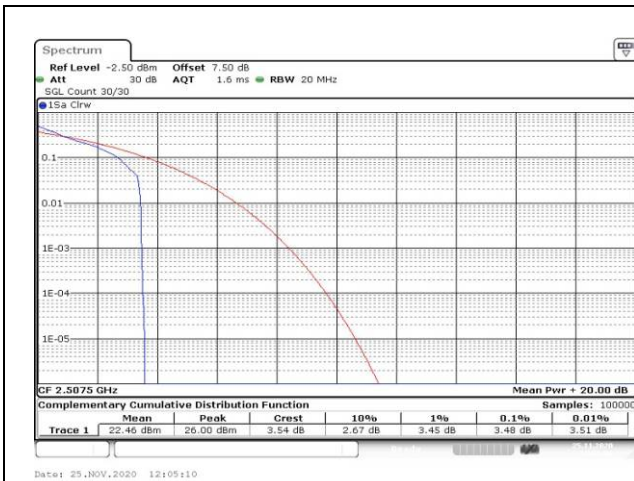


Fig.37

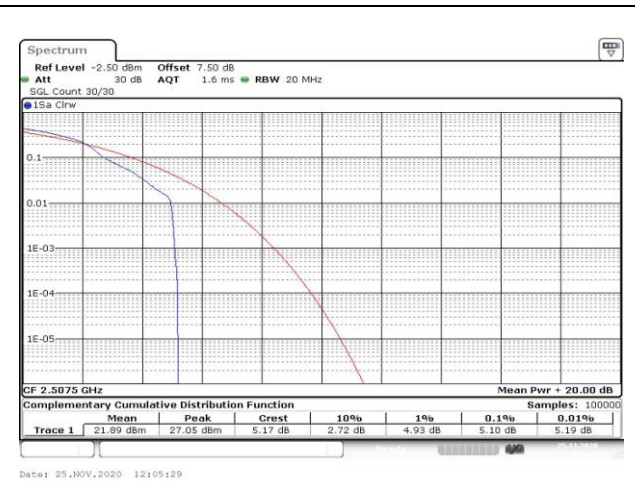


Fig.38



Fig.39

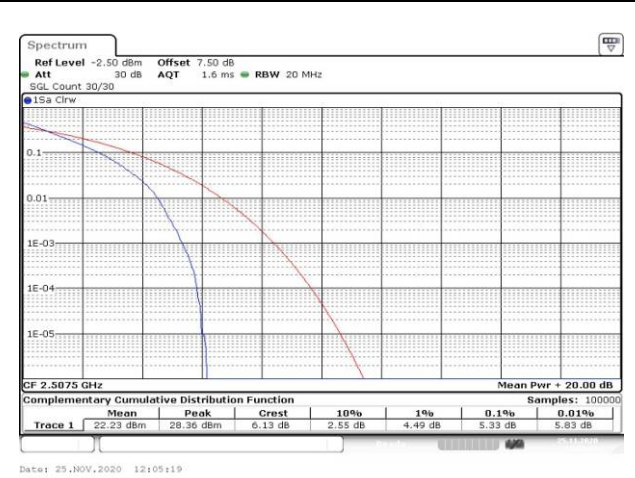


Fig.40

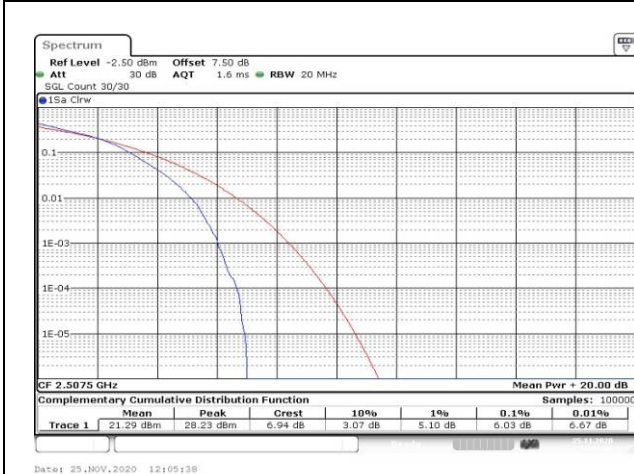


Fig.41

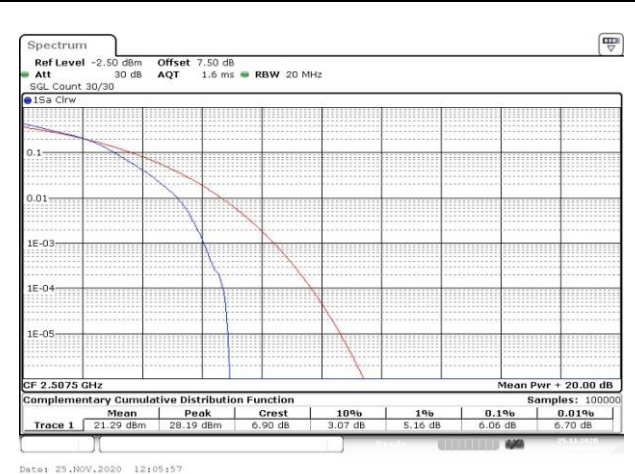


Fig.42

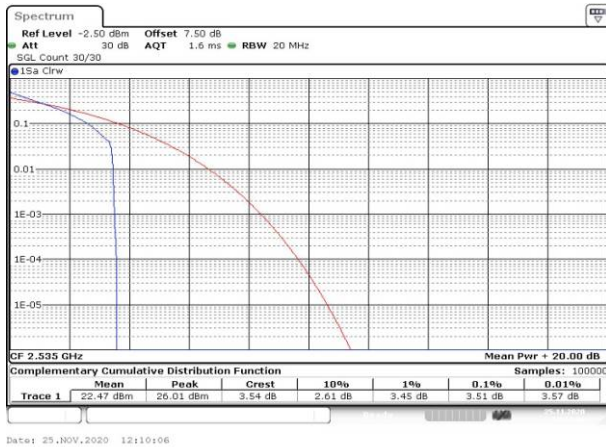


Fig.43

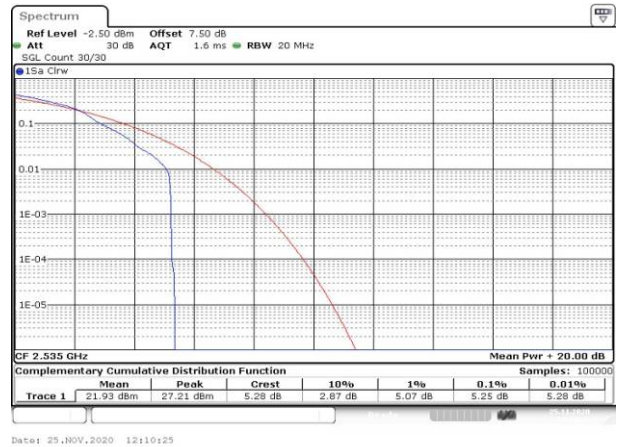


Fig.44

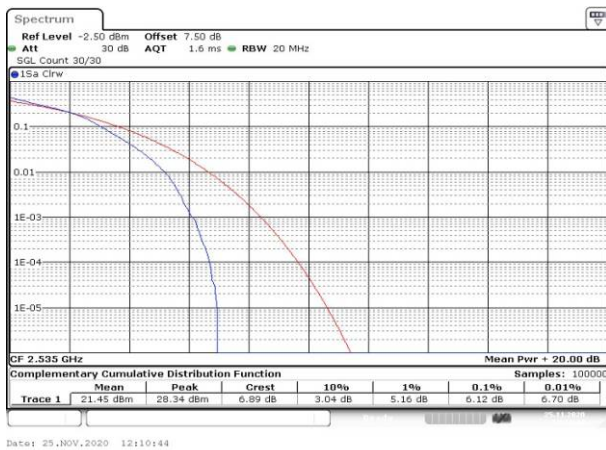


Fig.45

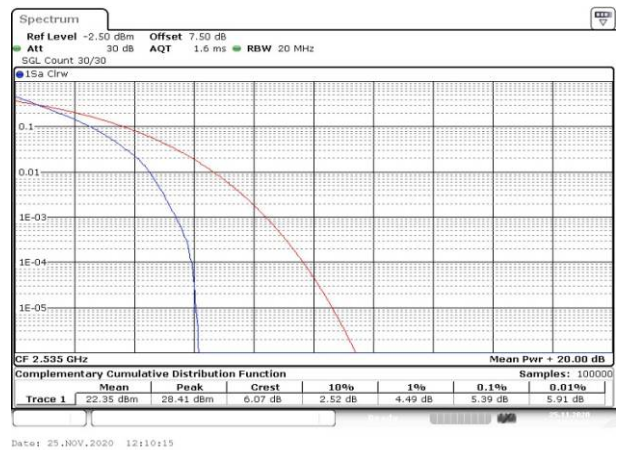


Fig.46

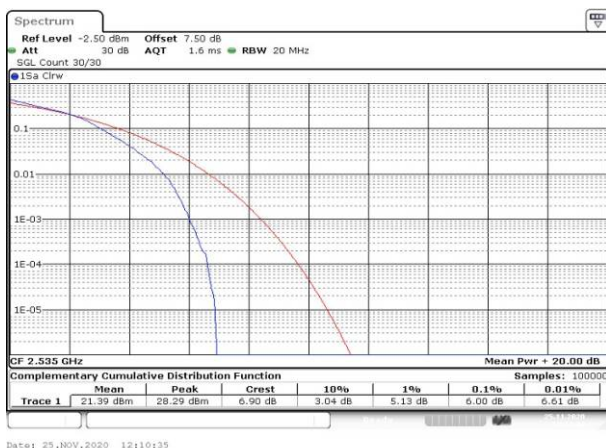


Fig.47

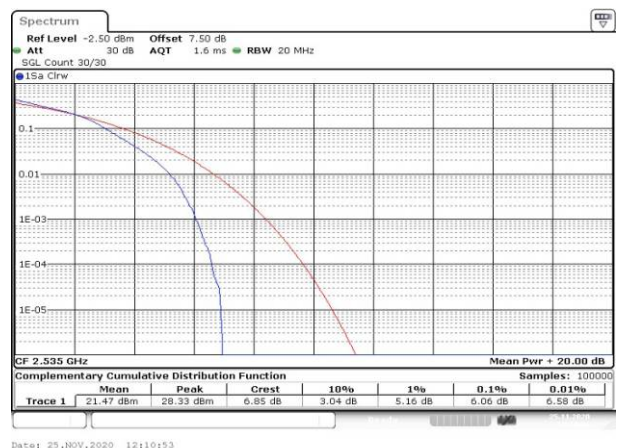


Fig.48

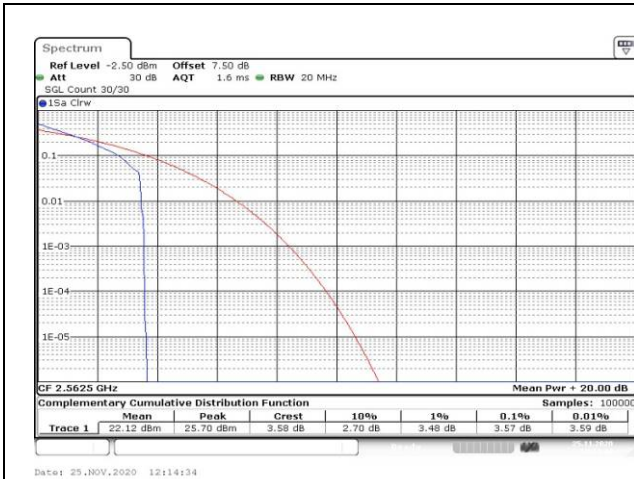


Fig.49

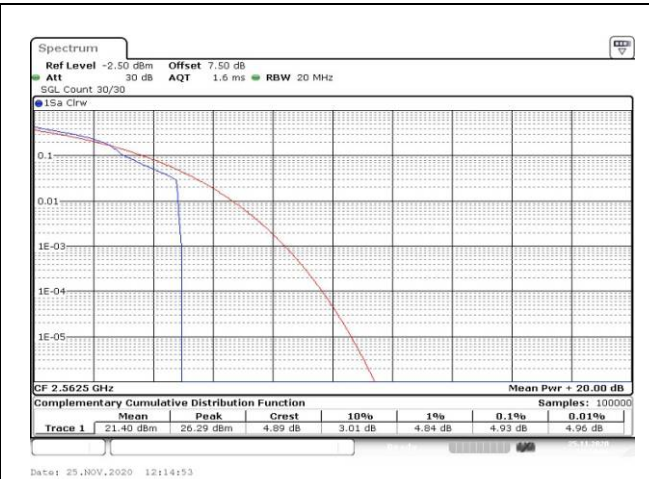


Fig.50



Fig.51



Fig.52

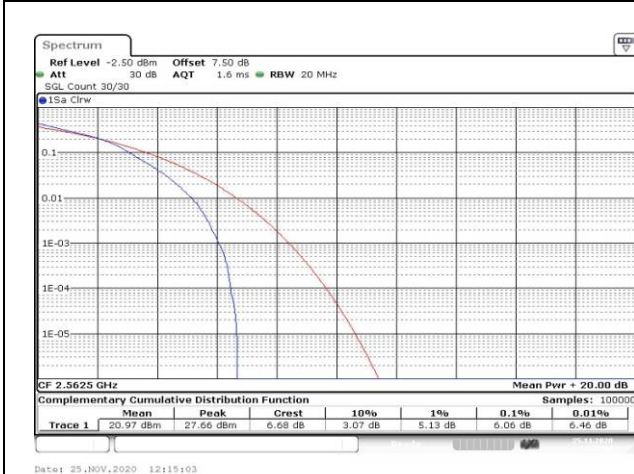


Fig.53

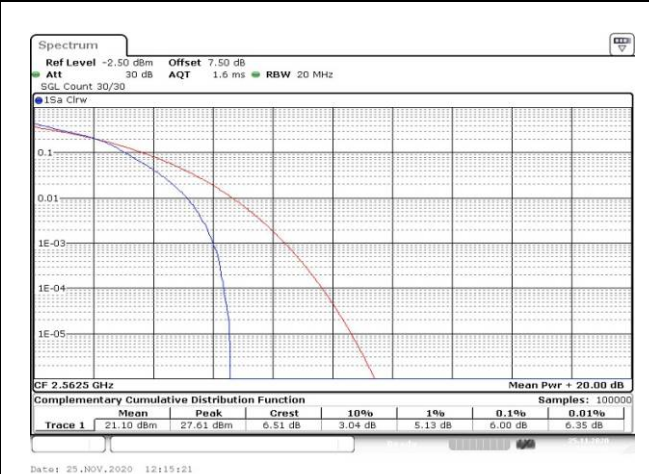


Fig.54

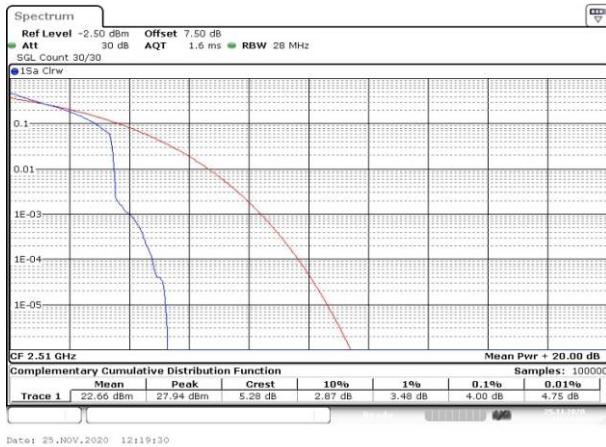


Fig.55

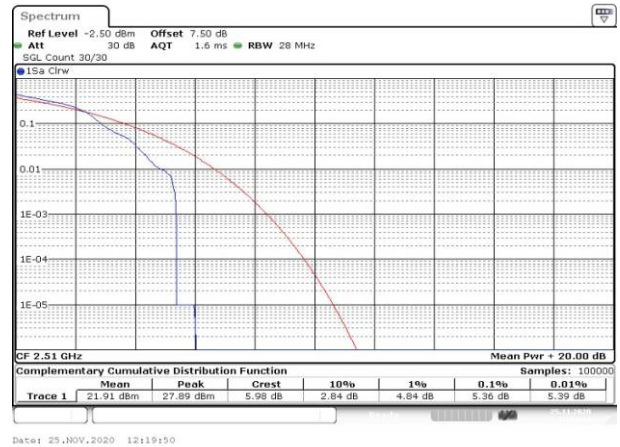


Fig.56

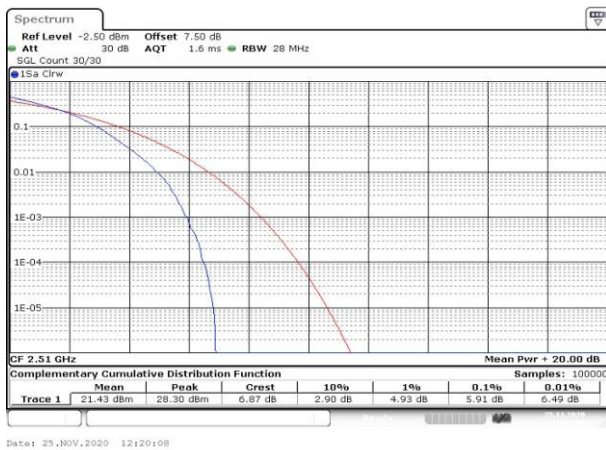


Fig.57

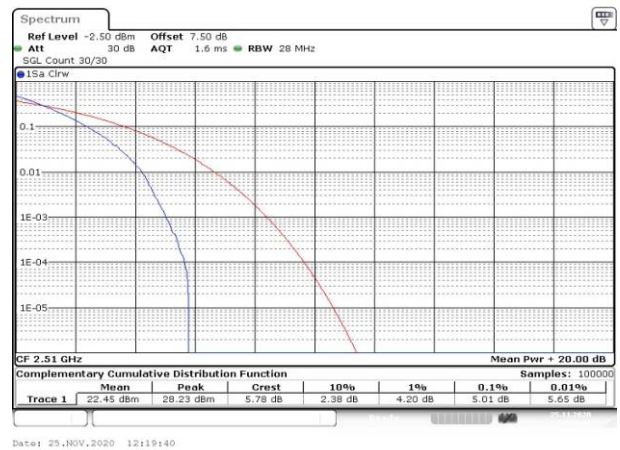


Fig.58

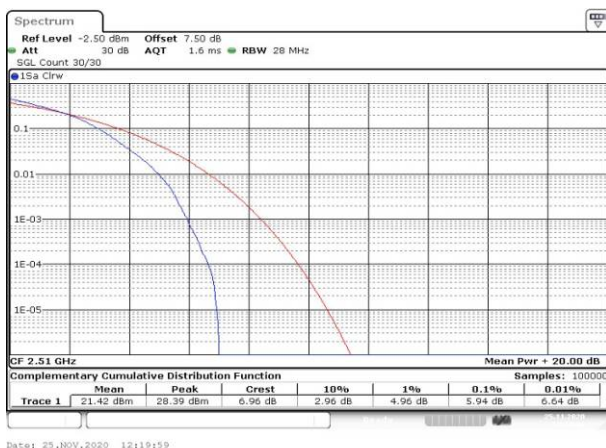


Fig.59

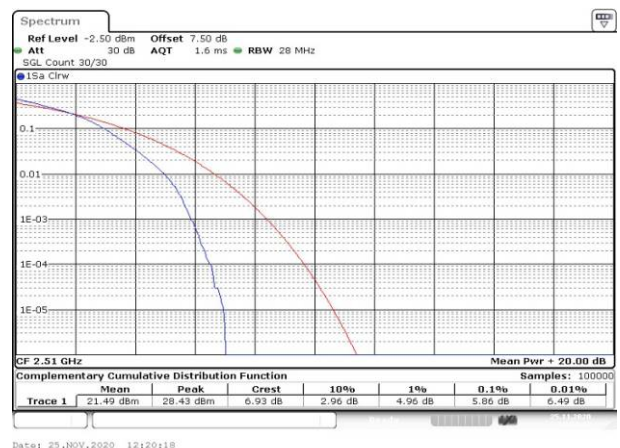


Fig.60

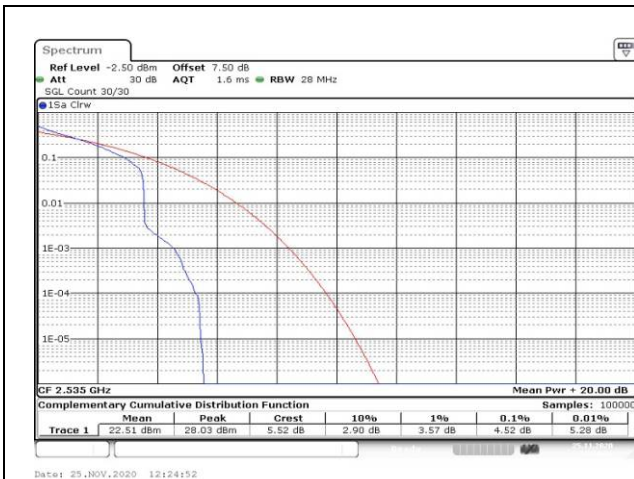


Fig.61

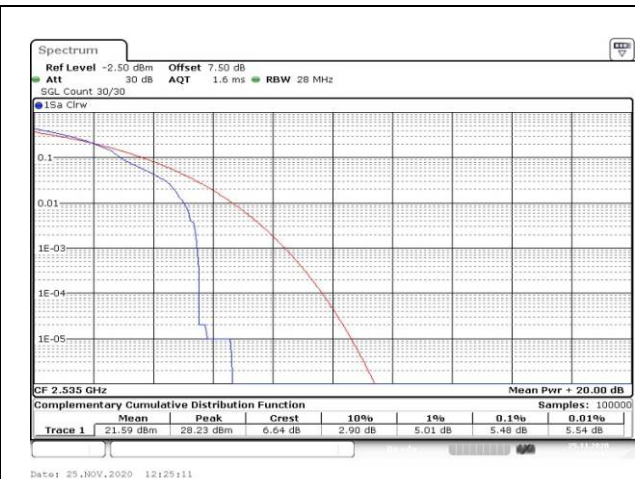


Fig.62



Fig.63

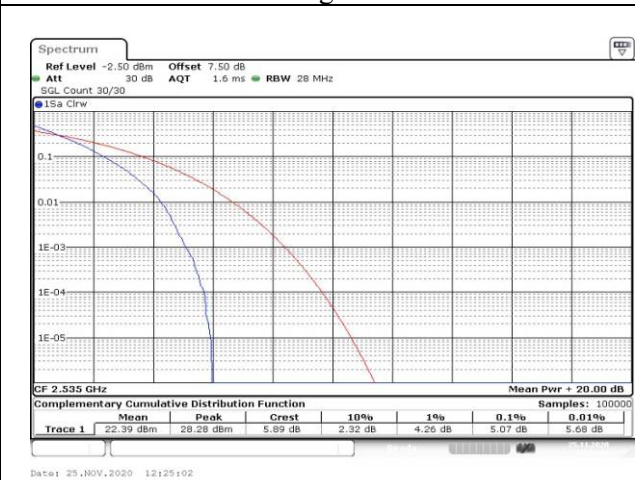


Fig.64

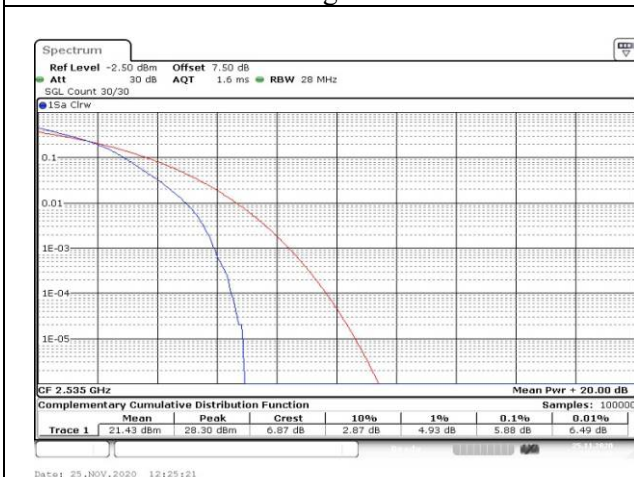


Fig.65

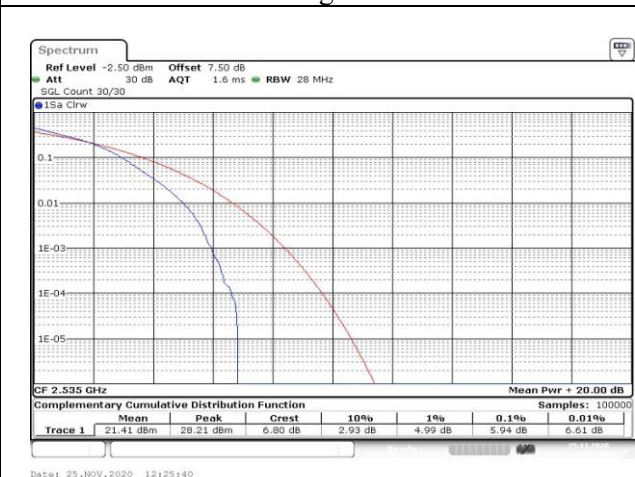


Fig.66

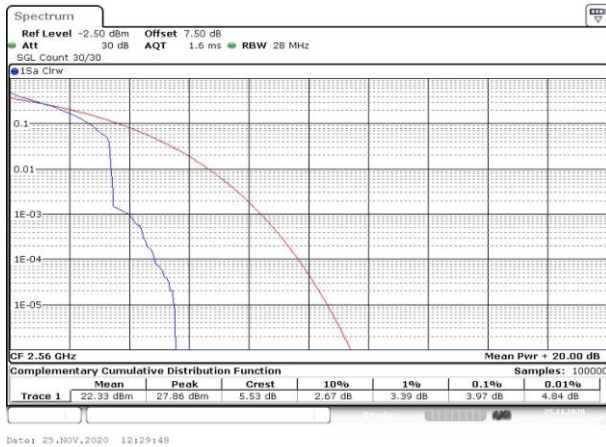


Fig.67

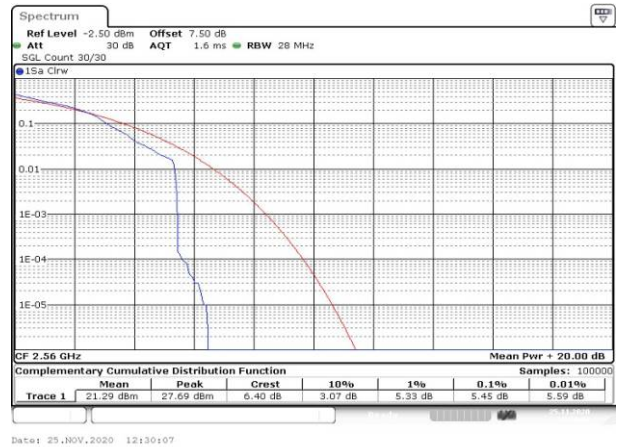


Fig.68

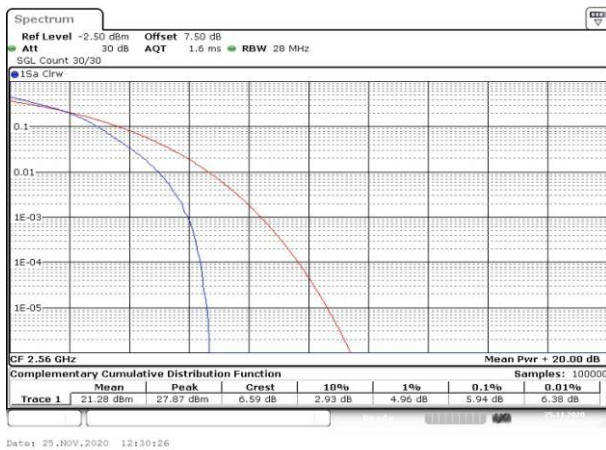


Fig.69

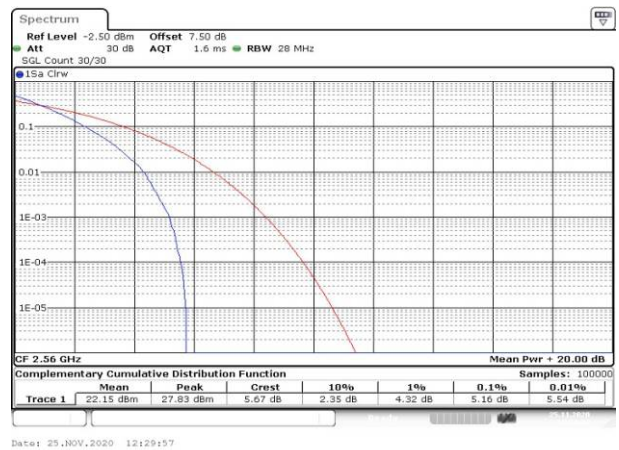


Fig.70

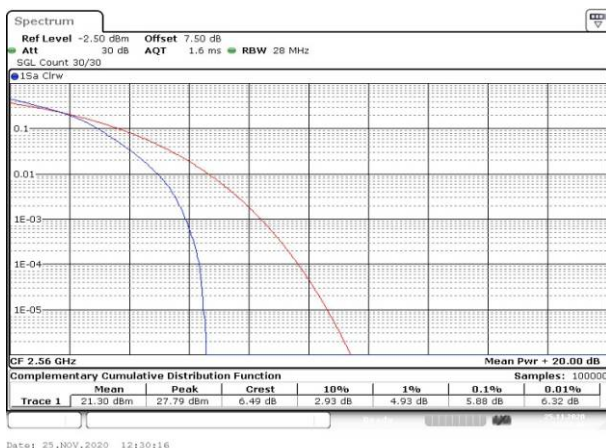


Fig.71

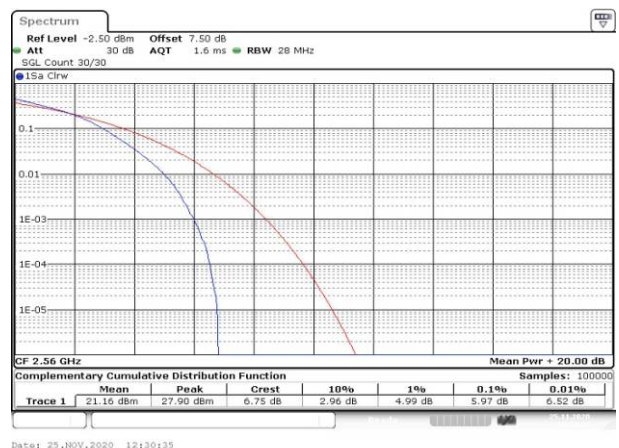


Fig.72

## 5 Spurious Emissions at antenna terminal

| Band | Carrier frequency (MHz) | Channel | BW | RB Size | RB Offset | Conducted Spurious Plot QPSK |
|------|-------------------------|---------|----|---------|-----------|------------------------------|
| 7    | 2510                    | 20850   | 20 | 1       | 99        | Fig.1                        |
|      | 2535                    | 21100   |    | 1       | 99        | Fig.2                        |
|      | 2560                    | 21350   |    | 1       | 99        | Fig.3                        |

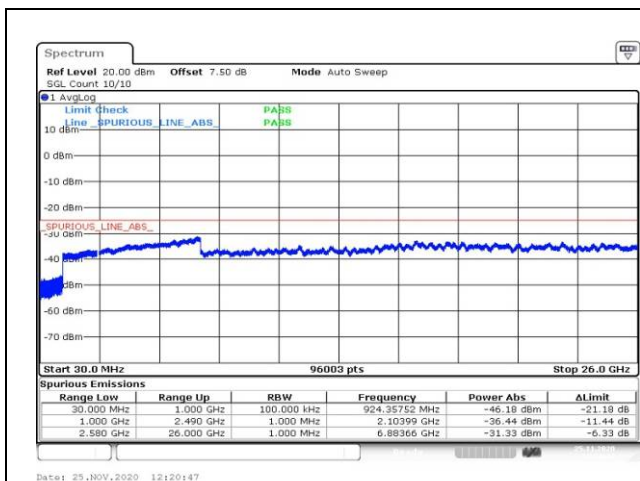


Fig.1

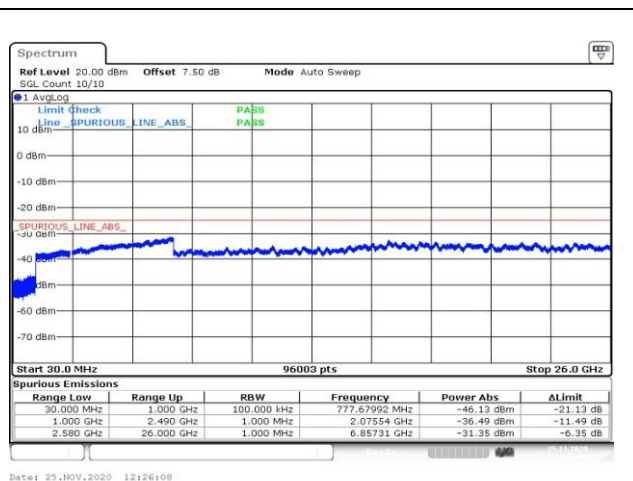


Fig.2

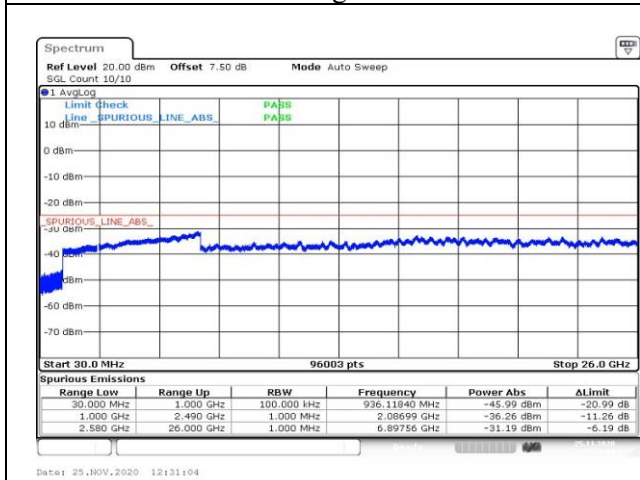


Fig.3

## 6 Band Edges Compliance

| Band Edges Compliance |                         |         |    |         |           |                 |
|-----------------------|-------------------------|---------|----|---------|-----------|-----------------|
| Band                  | Carrier frequency (MHz) | Channel | BW | RB Size | RB Offset | Band Edges Plot |
|                       |                         |         |    |         |           | QPSK            |
| 7                     | 2502.5                  | 20775   | 5  | 1       | 0         | Fig.1           |
|                       |                         |         |    | 25      | 0         | Fig.2           |
|                       | 2567.5                  | 21425   |    | 1       | 24        | Fig.3           |
|                       |                         |         |    | 25      | 0         | Fig.4           |
|                       | 2505                    | 20800   | 10 | 1       | 0         | Fig.5           |
|                       |                         |         |    | 50      | 0         | Fig.6           |
|                       | 2565                    | 21400   |    | 1       | 49        | Fig.7           |
|                       |                         |         |    | 50      | 0         | Fig.8           |
|                       | 2507.5                  | 20825   | 15 | 1       | 0         | Fig.9           |
|                       |                         |         |    | 75      | 0         | Fig.10          |
|                       | 2562.5                  | 21375   |    | 1       | 74        | Fig.11          |
|                       |                         |         |    | 75      | 0         | Fig.12          |
|                       | 2510                    | 20850   | 20 | 1       | 0         | Fig.13          |
|                       |                         |         |    | 100     | 0         | Fig.14          |
|                       | 2560                    | 21350   |    | 1       | 99        | Fig.15          |
|                       |                         |         |    | 100     | 0         | Fig.16          |

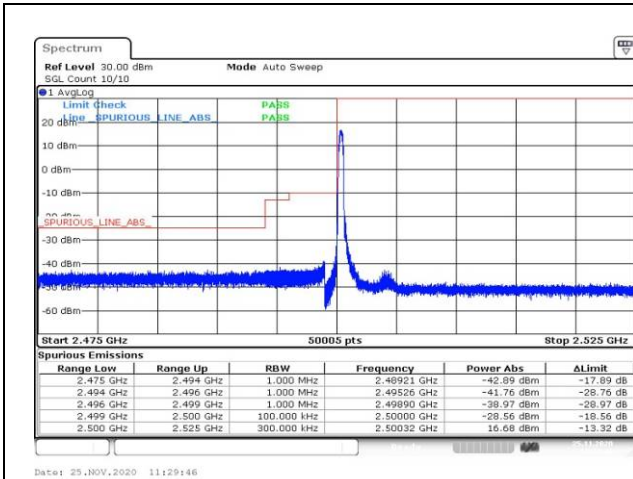


Fig.1

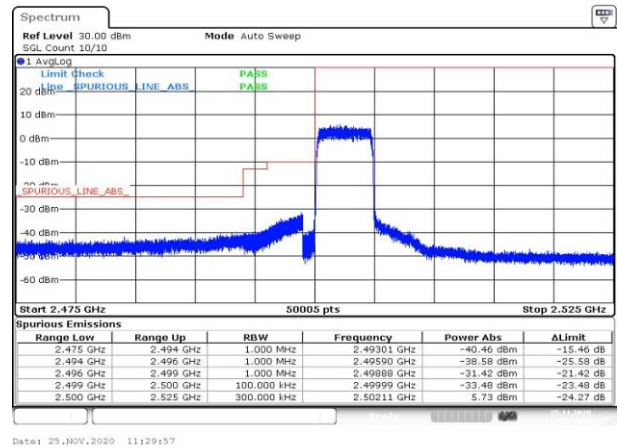


Fig.2

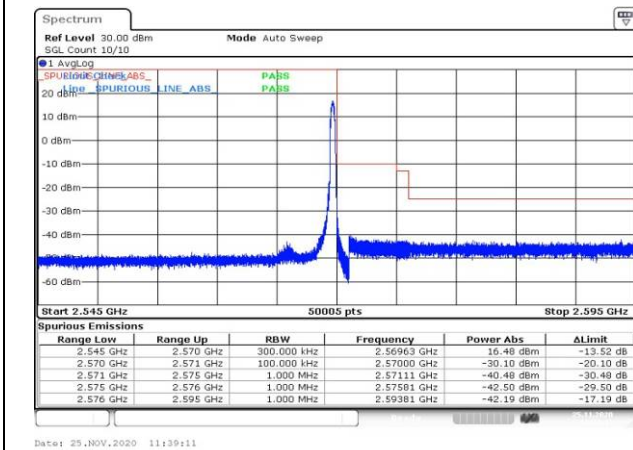


Fig.3

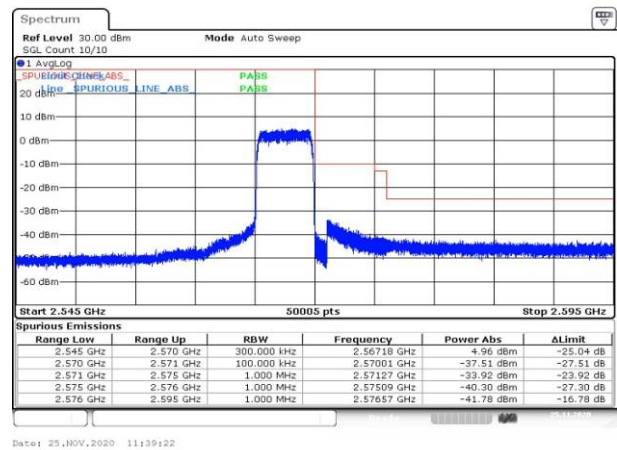


Fig.4

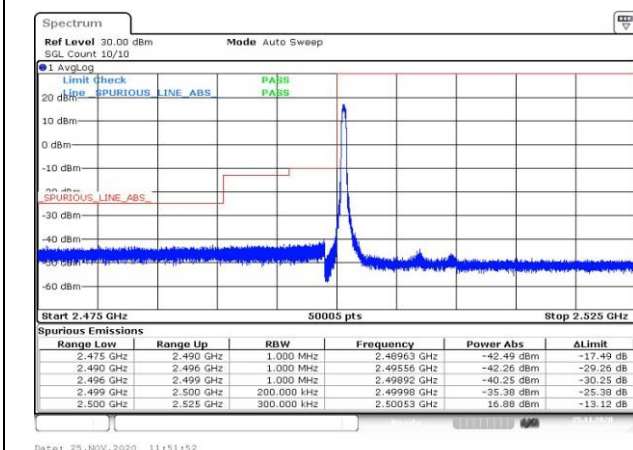


Fig.5

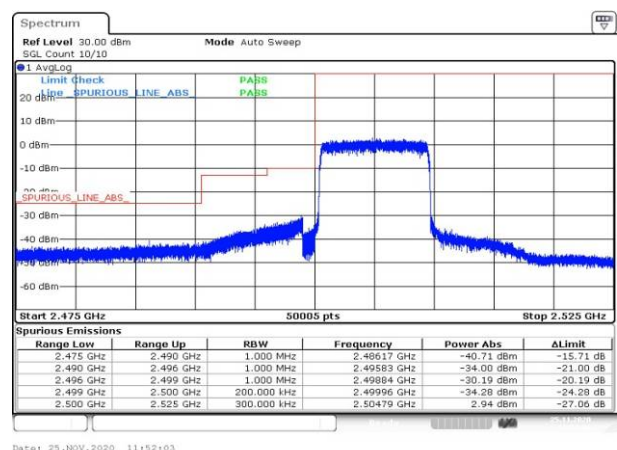


Fig.6

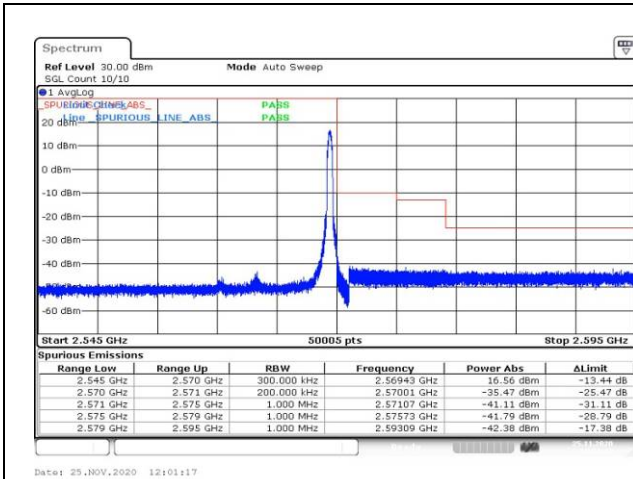


Fig.7

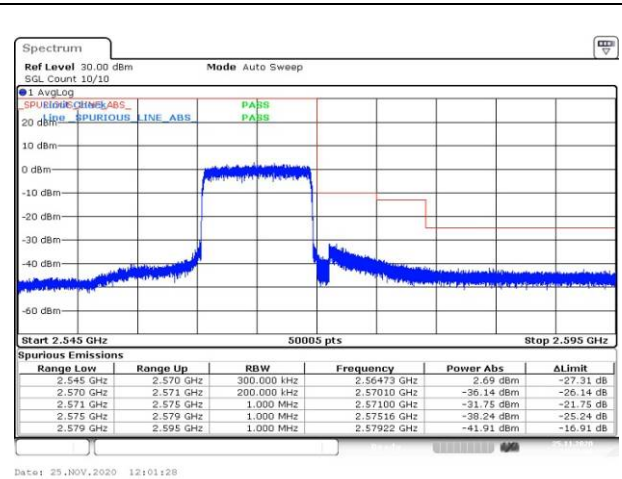


Fig.8

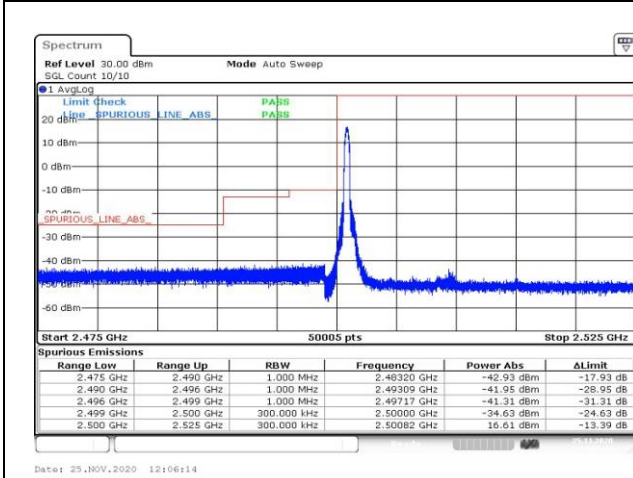


Fig.9

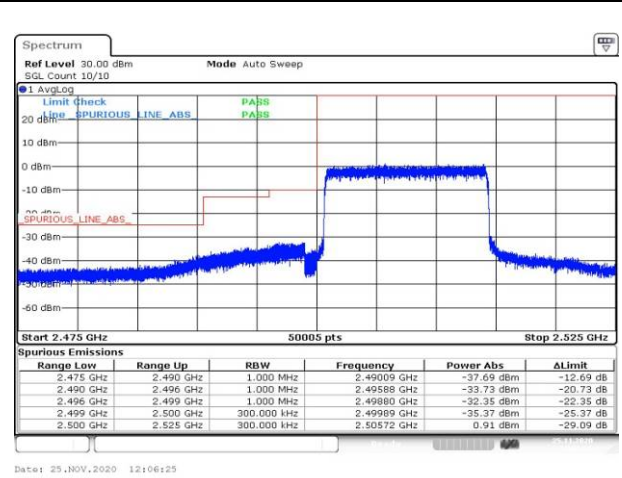


Fig.10

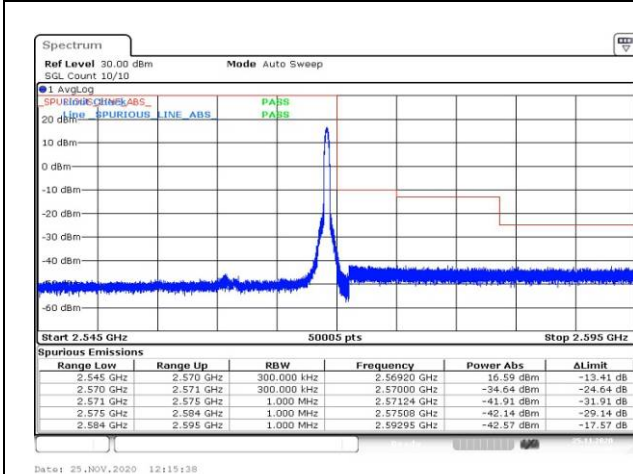


Fig.11

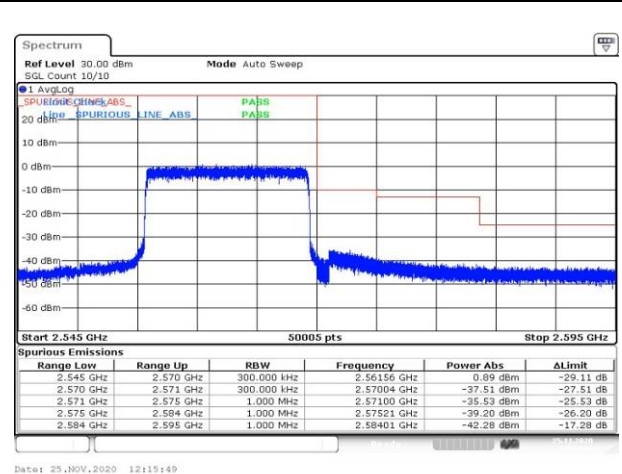


Fig.12

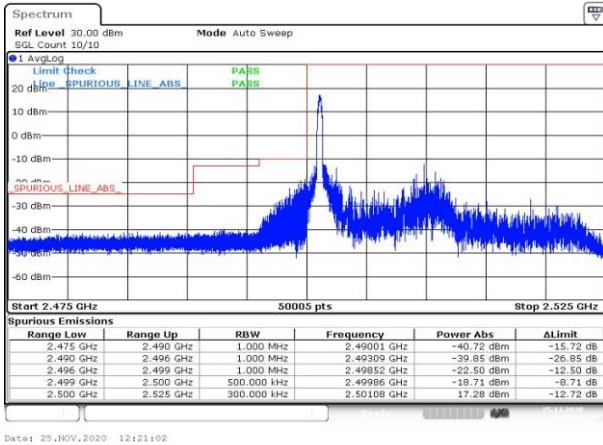


Fig.13

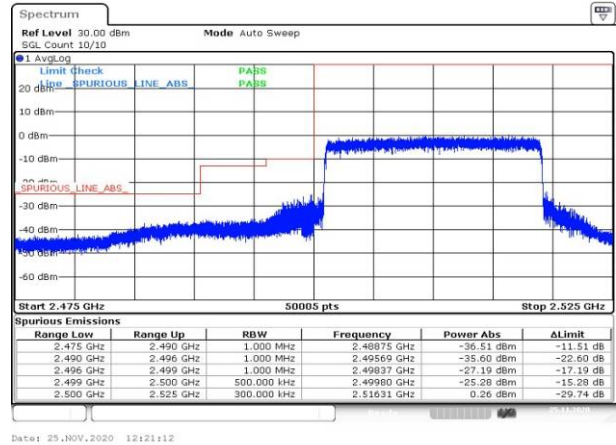


Fig.14

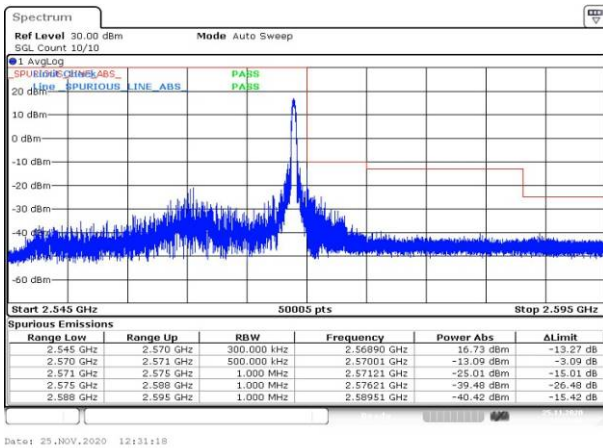


Fig.15

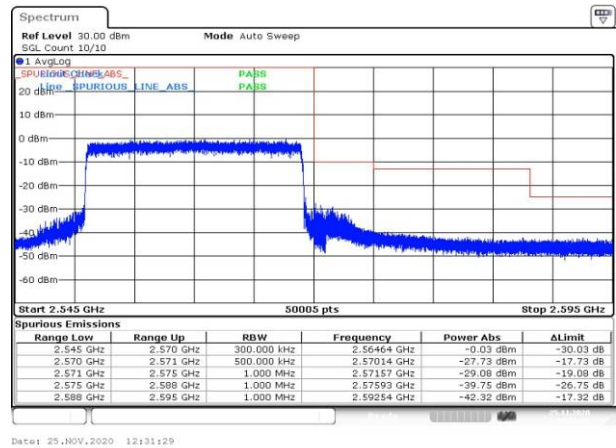


Fig.16

## 7 Frequency Stability

| Temperature(°C) | Voltage | Test Result (ppm) Band7 Low Channel QPSK |        |        |        |
|-----------------|---------|------------------------------------------|--------|--------|--------|
|                 |         | 5M                                       | 10M    | 15M    | 20M    |
| -20             | NV      | 0.001                                    | -0.003 | 0.004  | 0.002  |
| -10             | NV      | 0.000                                    | -0.005 | 0.004  | 0.001  |
| 0               | NV      | 0.004                                    | -0.006 | 0.002  | 0.003  |
| +10             | NV      | -0.003                                   | -0.002 | -0.001 | 0.004  |
| +20             | NV      | 0.000                                    | 0.000  | 0.000  | 0.000  |
| +30             | NV      | -0.001                                   | 0.000  | 0.001  | 0.000  |
| +40             | NV      | 0.001                                    | -0.002 | 0.002  | 0.003  |
| +50             | NV      | 0.002                                    | -0.001 | 0.004  | -0.003 |
| +55             | NV      | 0.004                                    | -0.001 | 0.003  | -0.002 |
| +20             | LV      | 0.004                                    | -0.004 | 0.002  | -0.001 |
| +20             | HV      | 0.003                                    | -0.004 | 0.002  | -0.001 |

| Temperature(°C) | Voltage | Test Result (ppm) Band7 High Channel QPSK |        |        |        |
|-----------------|---------|-------------------------------------------|--------|--------|--------|
|                 |         | 5M                                        | 10M    | 15M    | 20M    |
| -20             | NV      | 0.003                                     | -0.001 | -0.003 | 0.000  |
| -10             | NV      | -0.004                                    | 0.003  | 0.002  | -0.003 |
| 0               | NV      | -0.006                                    | 0.001  | 0.001  | -0.003 |
| +10             | NV      | 0.001                                     | -0.004 | 0.000  | -0.003 |
| +20             | NV      | 0.000                                     | 0.000  | 0.000  | 0.000  |
| +30             | NV      | -0.003                                    | 0.002  | 0.002  | -0.005 |
| +40             | NV      | 0.000                                     | -0.003 | 0.001  | -0.008 |
| +50             | NV      | 0.004                                     | -0.001 | -0.002 | 0.000  |
| +55             | NV      | 0.002                                     | -0.003 | 0.002  | -0.003 |
| +20             | LV      | 0.002                                     | -0.003 | -0.001 | -0.004 |
| +20             | HV      | -0.003                                    | -0.003 | -0.001 | -0.004 |

## 8 Effective Radiated Power and Effective Isotropic Radiated Power

| Effective Radiated Power and Effective Isotropic Radiated Power |                         |            |       |         |           |                       |                 |               |       |
|-----------------------------------------------------------------|-------------------------|------------|-------|---------|-----------|-----------------------|-----------------|---------------|-------|
| Modulation                                                      | Carrier frequency (MHz) | UL Channel | BW    | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |       |
| QPSK                                                            | 2502.5                  | 20775      | 5     | 1       | 0         | 23.03                 | 25.03           | 0.318         |       |
|                                                                 |                         |            |       | 1       | 12        | 22.99                 | 24.99           | 0.316         |       |
|                                                                 |                         |            |       | 1       | 24        | 22.96                 | 24.96           | 0.313         |       |
|                                                                 |                         |            |       | 12      | 0         | 22.13                 | 24.13           | 0.259         |       |
|                                                                 |                         |            |       | 12      | 7         | 22.10                 | 24.10           | 0.257         |       |
|                                                                 |                         |            |       | 12      | 13        | 22.08                 | 24.08           | 0.256         |       |
|                                                                 |                         |            |       | 25      | 0         | 22.12                 | 24.12           | 0.258         |       |
|                                                                 | 2535                    | 21100      |       | 1       | 0         | 23.19                 | 25.19           | 0.330         |       |
|                                                                 |                         |            |       | 1       | 12        | 23.20                 | 25.20           | 0.331         |       |
|                                                                 |                         |            |       | 1       | 24        | 23.19                 | 25.19           | 0.330         |       |
|                                                                 |                         |            |       | 12      | 0         | 22.24                 | 24.24           | 0.265         |       |
|                                                                 |                         |            |       | 12      | 7         | 22.30                 | 24.30           | 0.269         |       |
|                                                                 |                         |            |       | 12      | 13        | 22.30                 | 24.30           | 0.269         |       |
|                                                                 |                         |            |       | 25      | 0         | 22.26                 | 24.26           | 0.267         |       |
|                                                                 | 2567.5                  | 21425      |       | 1       | 0         | 22.96                 | 24.96           | 0.313         |       |
|                                                                 |                         |            |       | 1       | 12        | 22.94                 | 24.94           | 0.312         |       |
|                                                                 |                         |            |       | 1       | 24        | 22.92                 | 24.92           | 0.310         |       |
|                                                                 |                         |            |       | 12      | 0         | 22.06                 | 24.06           | 0.255         |       |
|                                                                 |                         |            |       | 12      | 7         | 22.07                 | 24.07           | 0.255         |       |
|                                                                 |                         |            |       | 12      | 13        | 22.06                 | 24.06           | 0.255         |       |
|                                                                 |                         |            |       | 25      | 0         | 22.01                 | 24.01           | 0.252         |       |
|                                                                 | 16QAM                   | 2502.5     |       | 20775   | 1         | 0                     | 22.12           | 24.12         | 0.258 |
|                                                                 |                         |            |       |         | 1         | 12                    | 22.16           | 24.16         | 0.261 |
|                                                                 |                         |            |       |         | 1         | 24                    | 22.04           | 24.04         | 0.254 |
| 12                                                              |                         |            |       |         | 0         | 21.13                 | 23.13           | 0.206         |       |
| 12                                                              |                         |            |       |         | 7         | 21.14                 | 23.14           | 0.206         |       |
| 12                                                              |                         |            |       |         | 13        | 21.12                 | 23.12           | 0.205         |       |
| 25                                                              |                         |            |       |         | 0         | 21.17                 | 23.17           | 0.207         |       |
| 2535                                                            |                         | 21100      | 1     | 0       | 22.55     | 24.55                 | 0.285           |               |       |
|                                                                 |                         |            | 1     | 12      | 22.57     | 24.57                 | 0.286           |               |       |
|                                                                 |                         |            | 1     | 24      | 22.56     | 24.56                 | 0.286           |               |       |
|                                                                 |                         |            | 12    | 0       | 21.37     | 23.37                 | 0.217           |               |       |
|                                                                 |                         |            | 12    | 7       | 21.40     | 23.40                 | 0.219           |               |       |
|                                                                 |                         |            | 12    | 13      | 21.36     | 23.36                 | 0.217           |               |       |
|                                                                 |                         |            | 25    | 0       | 21.32     | 23.32                 | 0.215           |               |       |
| 2567.5                                                          |                         | 21425      | 1     | 0       | 22.13     | 24.13                 | 0.259           |               |       |
|                                                                 |                         |            | 1     | 12      | 22.05     | 24.05                 | 0.254           |               |       |
|                                                                 |                         |            | 1     | 24      | 22.11     | 24.11                 | 0.258           |               |       |
|                                                                 |                         |            | 12    | 0       | 20.99     | 22.99                 | 0.199           |               |       |
|                                                                 |                         |            | 12    | 7       | 21.04     | 23.04                 | 0.201           |               |       |
|                                                                 |                         |            | 12    | 13      | 21.04     | 23.04                 | 0.201           |               |       |
| 25                                                              | 0                       | 21.08      | 23.08 | 0.203   |           |                       |                 |               |       |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|-----------------|---------------|
| 64QAM      | 2502.5                  | 20775      | 5  | 1       | 0         | 21.17                 | 23.17           | 0.207         |
|            |                         |            |    | 1       | 12        | 21.18                 | 23.18           | 0.208         |
|            |                         |            |    | 1       | 24        | 21.18                 | 23.18           | 0.208         |
|            |                         |            |    | 12      | 0         | 21.17                 | 23.17           | 0.207         |
|            |                         |            |    | 12      | 7         | 21.26                 | 23.26           | 0.212         |
|            |                         |            |    | 12      | 13        | 21.23                 | 23.23           | 0.210         |
|            |                         |            |    | 25      | 0         | 21.25                 | 23.25           | 0.211         |
|            | 2535                    | 21100      |    | 1       | 0         | 21.31                 | 23.31           | 0.214         |
|            |                         |            |    | 1       | 12        | 21.29                 | 23.29           | 0.213         |
|            |                         |            |    | 1       | 24        | 21.29                 | 23.29           | 0.213         |
|            |                         |            |    | 12      | 0         | 21.28                 | 23.28           | 0.213         |
|            |                         |            |    | 12      | 7         | 21.27                 | 23.27           | 0.212         |
|            |                         |            |    | 12      | 13        | 21.28                 | 23.28           | 0.213         |
|            |                         |            |    | 25      | 0         | 21.27                 | 23.27           | 0.212         |
|            | 2567.5                  | 21425      |    | 1       | 0         | 21.13                 | 23.13           | 0.206         |
|            |                         |            |    | 1       | 12        | 21.06                 | 23.06           | 0.202         |
|            |                         |            |    | 1       | 24        | 21.03                 | 23.03           | 0.201         |
|            |                         |            |    | 12      | 0         | 21.11                 | 23.11           | 0.205         |
|            |                         |            |    | 12      | 7         | 21.11                 | 23.11           | 0.205         |
|            |                         |            |    | 12      | 13        | 21.07                 | 23.07           | 0.203         |
|            |                         |            |    | 25      | 0         | 21.11                 | 23.11           | 0.205         |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|-----------------|---------------|
| QPSK       | 2505                    | 20800      | 10 | 1       | 0         | 23.11                 | 25.11           | 0.324         |
|            |                         |            |    | 1       | 25        | 23.16                 | 25.16           | 0.328         |
|            |                         |            |    | 1       | 49        | 23.18                 | 25.18           | 0.330         |
|            |                         |            |    | 25      | 0         | 22.24                 | 24.24           | 0.265         |
|            |                         |            |    | 25      | 12        | 22.20                 | 24.20           | 0.263         |
|            |                         |            |    | 25      | 25        | 22.26                 | 24.26           | 0.267         |
|            |                         |            |    | 50      | 0         | 22.19                 | 24.19           | 0.262         |
|            | 2535                    | 21100      |    | 1       | 0         | 23.27                 | 25.27           | 0.337         |
|            |                         |            |    | 1       | 25        | 23.27                 | 25.27           | 0.337         |
|            |                         |            |    | 1       | 49        | 23.27                 | 25.27           | 0.337         |
|            |                         |            |    | 25      | 0         | 22.33                 | 24.33           | 0.271         |
|            |                         |            |    | 25      | 12        | 22.40                 | 24.40           | 0.275         |
|            |                         |            |    | 25      | 25        | 22.41                 | 24.41           | 0.276         |
|            |                         |            |    | 50      | 0         | 22.21                 | 24.21           | 0.264         |
|            | 2565                    | 21400      |    | 1       | 0         | 23.05                 | 25.05           | 0.320         |
|            |                         |            |    | 1       | 25        | 22.94                 | 24.94           | 0.312         |
|            |                         |            |    | 1       | 49        | 23.03                 | 25.03           | 0.318         |
|            |                         |            |    | 25      | 0         | 22.08                 | 24.08           | 0.256         |
|            |                         |            |    | 25      | 12        | 22.08                 | 24.08           | 0.256         |
|            |                         |            |    | 25      | 25        | 22.05                 | 24.05           | 0.254         |
|            |                         |            |    | 50      | 0         | 22.05                 | 24.05           | 0.254         |
| 16QAM      | 2505                    | 20800      | 1  | 0       | 22.23     | 24.23                 | 0.265           |               |
|            |                         |            | 1  | 25      | 22.31     | 24.31                 | 0.270           |               |
|            |                         |            | 1  | 49      | 22.27     | 24.27                 | 0.267           |               |
|            |                         |            | 25 | 0       | 21.32     | 23.32                 | 0.215           |               |
|            |                         |            | 25 | 12      | 21.33     | 23.33                 | 0.215           |               |
|            |                         |            | 25 | 25      | 21.35     | 23.35                 | 0.216           |               |
|            |                         |            | 50 | 0       | 21.26     | 23.26                 | 0.212           |               |
|            | 2535                    | 21100      | 1  | 0       | 22.87     | 24.87                 | 0.307           |               |
|            |                         |            | 1  | 25      | 22.86     | 24.86                 | 0.306           |               |
|            |                         |            | 1  | 49      | 22.89     | 24.89                 | 0.308           |               |
|            |                         |            | 25 | 0       | 21.42     | 23.42                 | 0.220           |               |
|            |                         |            | 25 | 12      | 21.43     | 23.43                 | 0.220           |               |
|            |                         |            | 25 | 25      | 21.49     | 23.49                 | 0.223           |               |
|            |                         |            | 50 | 0       | 21.31     | 23.31                 | 0.214           |               |
|            | 2565                    | 21400      | 1  | 0       | 22.23     | 24.23                 | 0.265           |               |
|            |                         |            | 1  | 25      | 22.15     | 24.15                 | 0.260           |               |
|            |                         |            | 1  | 49      | 22.24     | 24.24                 | 0.265           |               |
|            |                         |            | 25 | 0       | 21.10     | 23.10                 | 0.204           |               |
|            |                         |            | 25 | 12      | 21.13     | 23.13                 | 0.206           |               |
|            |                         |            | 25 | 25      | 21.13     | 23.13                 | 0.206           |               |
|            |                         |            | 50 | 0       | 20.99     | 22.99                 | 0.199           |               |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|-----------------|---------------|
| 64QAM      | 2505                    | 20800      | 10 | 1       | 0         | 21.21                 | 23.21           | 0.209         |
|            |                         |            |    | 1       | 25        | 21.24                 | 23.24           | 0.211         |
|            |                         |            |    | 1       | 49        | 21.28                 | 23.28           | 0.213         |
|            |                         |            |    | 25      | 0         | 21.24                 | 23.24           | 0.211         |
|            |                         |            |    | 25      | 12        | 21.24                 | 23.24           | 0.211         |
|            |                         |            |    | 25      | 25        | 21.29                 | 23.29           | 0.213         |
|            | 2535                    | 21100      |    | 50      | 0         | 21.28                 | 23.28           | 0.213         |
|            |                         |            |    | 1       | 0         | 21.30                 | 23.30           | 0.214         |
|            |                         |            |    | 1       | 25        | 21.33                 | 23.33           | 0.215         |
|            |                         |            |    | 1       | 49        | 21.28                 | 23.28           | 0.213         |
|            |                         |            |    | 25      | 0         | 21.34                 | 23.34           | 0.216         |
|            |                         |            |    | 25      | 12        | 21.28                 | 23.28           | 0.213         |
|            | 2565                    | 21400      |    | 25      | 25        | 21.38                 | 23.38           | 0.218         |
|            |                         |            |    | 50      | 0         | 21.33                 | 23.33           | 0.215         |
|            |                         |            |    | 1       | 0         | 21.02                 | 23.02           | 0.200         |
|            |                         |            |    | 1       | 25        | 21.01                 | 23.01           | 0.200         |
|            |                         |            |    | 1       | 49        | 21.07                 | 23.07           | 0.203         |
|            |                         |            |    | 25      | 0         | 21.06                 | 23.06           | 0.202         |
|            |                         |            |    | 25      | 12        | 21.09                 | 23.09           | 0.204         |
|            |                         |            |    | 25      | 25        | 20.99                 | 22.99           | 0.199         |
|            | 50                      | 0          |    | 21.09   | 23.09     | 0.204                 |                 |               |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|-----------------|---------------|
| QPSK       | 2507.5                  | 20825      | 15 | 1       | 0         | 23.07                 | 25.07           | 0.321         |
|            |                         |            |    | 1       | 37        | 23.16                 | 25.16           | 0.328         |
|            |                         |            |    | 1       | 74        | 23.19                 | 25.19           | 0.330         |
|            |                         |            |    | 36      | 0         | 22.14                 | 24.14           | 0.259         |
|            |                         |            |    | 36      | 29        | 22.25                 | 24.25           | 0.266         |
|            |                         |            |    | 36      | 30        | 22.26                 | 24.26           | 0.267         |
|            |                         |            |    | 75      | 0         | 22.23                 | 24.23           | 0.265         |
|            | 2535                    | 21100      |    | 1       | 0         | 23.30                 | 25.30           | 0.339         |
|            |                         |            |    | 1       | 37        | 23.34                 | 25.34           | 0.342         |
|            |                         |            |    | 1       | 74        | 23.37                 | 25.37           | 0.344         |
|            |                         |            |    | 36      | 0         | 22.34                 | 24.34           | 0.272         |
|            |                         |            |    | 36      | 29        | 22.35                 | 24.35           | 0.272         |
|            |                         |            |    | 36      | 30        | 22.35                 | 24.35           | 0.272         |
|            |                         |            |    | 75      | 0         | 22.29                 | 24.29           | 0.269         |
|            | 2562.5                  | 21375      |    | 1       | 0         | 23.14                 | 25.14           | 0.327         |
|            |                         |            |    | 1       | 37        | 23.04                 | 25.04           | 0.319         |
|            |                         |            |    | 1       | 74        | 22.93                 | 24.93           | 0.311         |
|            |                         |            |    | 36      | 0         | 22.11                 | 24.11           | 0.258         |
|            |                         |            |    | 36      | 29        | 22.14                 | 24.14           | 0.259         |
|            |                         |            |    | 36      | 30        | 22.14                 | 24.14           | 0.259         |
|            |                         |            |    | 75      | 0         | 22.04                 | 24.04           | 0.254         |
| 16QAM      | 2507.5                  | 20825      | 1  | 0       | 22.77     | 24.77                 | 0.300           |               |
|            |                         |            | 1  | 37      | 22.87     | 24.87                 | 0.307           |               |
|            |                         |            | 1  | 74      | 22.81     | 24.81                 | 0.303           |               |
|            |                         |            | 36 | 0       | 21.22     | 23.22                 | 0.210           |               |
|            |                         |            | 36 | 29      | 21.21     | 23.21                 | 0.209           |               |
|            |                         |            | 36 | 30      | 21.28     | 23.28                 | 0.213           |               |
|            |                         |            | 75 | 0       | 21.29     | 23.29                 | 0.213           |               |
|            | 2535                    | 21100      | 1  | 0       | 22.58     | 24.58                 | 0.287           |               |
|            |                         |            | 1  | 37      | 22.60     | 24.60                 | 0.288           |               |
|            |                         |            | 1  | 74      | 22.57     | 24.57                 | 0.286           |               |
|            |                         |            | 36 | 0       | 21.35     | 23.35                 | 0.216           |               |
|            |                         |            | 36 | 29      | 21.36     | 23.36                 | 0.217           |               |
|            |                         |            | 36 | 30      | 21.39     | 23.39                 | 0.218           |               |
|            |                         |            | 75 | 0       | 21.36     | 23.36                 | 0.217           |               |
|            | 2562.5                  | 21375      | 1  | 0       | 22.64     | 24.64                 | 0.291           |               |
|            |                         |            | 1  | 37      | 22.60     | 24.60                 | 0.288           |               |
|            |                         |            | 1  | 74      | 22.63     | 24.63                 | 0.290           |               |
|            |                         |            | 36 | 0       | 21.10     | 23.10                 | 0.204           |               |
|            |                         |            | 36 | 29      | 21.13     | 23.13                 | 0.206           |               |
|            |                         |            | 36 | 30      | 21.13     | 23.13                 | 0.206           |               |
|            |                         |            | 75 | 0       | 21.09     | 23.09                 | 0.204           |               |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|-----------------|---------------|
| 64QAM      | 2507.5                  | 20825      | 15 | 1       | 0         | 21.20                 | 23.20           | 0.209         |
|            |                         |            |    | 1       | 37        | 21.29                 | 23.29           | 0.213         |
|            |                         |            |    | 1       | 74        | 21.26                 | 23.26           | 0.212         |
|            |                         |            |    | 36      | 0         | 21.27                 | 23.27           | 0.212         |
|            |                         |            |    | 36      | 29        | 21.29                 | 23.29           | 0.213         |
|            |                         |            |    | 36      | 30        | 21.26                 | 23.26           | 0.212         |
|            |                         |            |    | 75      | 0         | 21.29                 | 23.29           | 0.213         |
|            | 2535                    | 21100      |    | 1       | 0         | 21.29                 | 23.29           | 0.213         |
|            |                         |            |    | 1       | 37        | 21.39                 | 23.39           | 0.218         |
|            |                         |            |    | 1       | 74        | 21.39                 | 23.39           | 0.218         |
|            |                         |            |    | 36      | 0         | 21.36                 | 23.36           | 0.217         |
|            |                         |            |    | 36      | 29        | 21.33                 | 23.33           | 0.215         |
|            |                         |            |    | 36      | 30        | 21.40                 | 23.40           | 0.219         |
|            |                         |            |    | 75      | 0         | 21.33                 | 23.33           | 0.215         |
|            | 2562.5                  | 21375      |    | 1       | 0         | 21.08                 | 23.08           | 0.203         |
|            |                         |            |    | 1       | 37        | 21.05                 | 23.05           | 0.202         |
|            |                         |            |    | 1       | 74        | 21.02                 | 23.02           | 0.200         |
|            |                         |            |    | 36      | 0         | 21.09                 | 23.09           | 0.204         |
|            |                         |            |    | 36      | 29        | 21.01                 | 23.01           | 0.200         |
|            |                         |            |    | 36      | 30        | 21.05                 | 23.05           | 0.202         |
|            |                         |            |    | 75      | 0         | 21.05                 | 23.05           | 0.202         |

| Modulation | Carrier frequency (MHz) | UL Channel | BW  | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|-----|---------|-----------|-----------------------|-----------------|---------------|
| QPSK       | 2510                    | 20850      | 20  | 1       | 0         | 23.09                 | 25.09           | 0.323         |
|            |                         |            |     | 1       | 49        | 23.15                 | 25.15           | 0.327         |
|            |                         |            |     | 1       | 99        | 23.14                 | 25.14           | 0.327         |
|            |                         |            |     | 50      | 0         | 22.13                 | 24.13           | 0.259         |
|            |                         |            |     | 50      | 24        | 22.25                 | 24.25           | 0.266         |
|            |                         |            |     | 50      | 50        | 22.21                 | 24.21           | 0.264         |
|            |                         |            |     | 100     | 0         | 22.23                 | 24.23           | 0.265         |
|            | 2535                    | 21100      |     | 1       | 0         | 23.37                 | 25.37           | 0.344         |
|            |                         |            |     | 1       | 49        | 23.39                 | 25.39           | 0.346         |
|            |                         |            |     | 1       | 99        | 23.39                 | 25.39           | 0.346         |
|            |                         |            |     | 50      | 0         | 22.37                 | 24.37           | 0.274         |
|            |                         |            |     | 50      | 24        | 22.42                 | 24.42           | 0.277         |
|            |                         |            |     | 50      | 50        | 22.44                 | 24.44           | 0.278         |
|            |                         |            |     | 100     | 0         | 22.31                 | 24.31           | 0.270         |
|            | 2560                    | 21350      |     | 1       | 0         | 23.14                 | 25.14           | 0.327         |
|            |                         |            |     | 1       | 49        | 22.96                 | 24.96           | 0.313         |
|            |                         |            |     | 1       | 99        | 22.98                 | 24.98           | 0.315         |
|            |                         |            |     | 50      | 0         | 22.26                 | 24.26           | 0.267         |
|            |                         |            |     | 50      | 24        | 22.23                 | 24.23           | 0.265         |
|            |                         |            |     | 50      | 50        | 22.17                 | 24.17           | 0.261         |
|            |                         |            |     | 100     | 0         | 22.21                 | 24.21           | 0.264         |
| 16QAM      | 2510                    | 20850      |     | 1       | 0         | 22.59                 | 24.59           | 0.288         |
|            |                         |            |     | 1       | 49        | 22.58                 | 24.58           | 0.287         |
|            |                         |            |     | 1       | 99        | 22.51                 | 24.51           | 0.282         |
|            |                         |            |     | 50      | 0         | 21.11                 | 23.11           | 0.205         |
|            |                         |            |     | 50      | 24        | 21.20                 | 23.20           | 0.209         |
|            |                         |            |     | 50      | 50        | 21.31                 | 23.31           | 0.214         |
|            |                         |            |     | 100     | 0         | 21.27                 | 23.27           | 0.212         |
|            | 2535                    | 21100      | 1   | 0       | 22.55     | 24.55                 | 0.285           |               |
|            |                         |            | 1   | 49      | 22.64     | 24.64                 | 0.291           |               |
|            |                         |            | 1   | 99      | 22.52     | 24.52                 | 0.283           |               |
|            |                         |            | 50  | 0       | 21.30     | 23.30                 | 0.214           |               |
|            |                         |            | 50  | 24      | 21.43     | 23.43                 | 0.220           |               |
|            |                         |            | 50  | 50      | 21.36     | 23.36                 | 0.217           |               |
|            |                         |            | 100 | 0       | 21.32     | 23.32                 | 0.215           |               |
|            | 2560                    | 21350      | 1   | 0       | 22.85     | 24.85                 | 0.305           |               |
|            |                         |            | 1   | 49      | 22.65     | 24.65                 | 0.292           |               |
|            |                         |            | 1   | 99      | 22.64     | 24.64                 | 0.291           |               |
|            |                         |            | 50  | 0       | 21.21     | 23.21                 | 0.209           |               |
|            |                         |            | 50  | 24      | 21.15     | 23.15                 | 0.207           |               |
|            |                         |            | 50  | 50      | 21.15     | 23.15                 | 0.207           |               |
|            |                         |            | 100 | 0       | 21.22     | 23.22                 | 0.210           |               |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|-----------------|---------------|
| 64QAM      | 2510                    | 20850      | 20 | 1       | 0         | 21.27                 | 23.27           | 0.212         |
|            |                         |            |    | 1       | 49        | 21.30                 | 23.30           | 0.214         |
|            |                         |            |    | 1       | 99        | 21.30                 | 23.30           | 0.214         |
|            |                         |            |    | 50      | 0         | 21.22                 | 23.22           | 0.210         |
|            |                         |            |    | 50      | 24        | 21.24                 | 23.24           | 0.211         |
|            |                         |            |    | 50      | 50        | 21.28                 | 23.28           | 0.213         |
|            | 100                     | 0          |    | 21.22   | 23.22     | 0.210                 |                 |               |
|            | 2535                    | 21100      |    | 1       | 0         | 21.39                 | 23.39           | 0.218         |
|            |                         |            |    | 1       | 49        | 21.30                 | 23.30           | 0.214         |
|            |                         |            |    | 1       | 99        | 21.33                 | 23.33           | 0.215         |
|            |                         |            |    | 50      | 0         | 21.32                 | 23.32           | 0.215         |
|            |                         |            |    | 50      | 24        | 21.42                 | 23.42           | 0.220         |
|            |                         |            |    | 50      | 50        | 21.39                 | 23.39           | 0.218         |
|            | 100                     | 0          |    | 21.38   | 23.38     | 0.218                 |                 |               |
|            | 2560                    | 21350      |    | 1       | 0         | 21.20                 | 23.20           | 0.209         |
|            |                         |            |    | 1       | 49        | 21.17                 | 23.17           | 0.207         |
|            |                         |            |    | 1       | 99        | 21.17                 | 23.17           | 0.207         |
|            |                         |            |    | 50      | 0         | 21.16                 | 23.16           | 0.207         |
|            |                         |            |    | 50      | 24        | 21.17                 | 23.17           | 0.207         |
|            |                         |            |    | 50      | 50        | 21.17                 | 23.17           | 0.207         |
|            |                         |            |    | 100     | 0         | 21.19                 | 23.19           | 0.208         |