

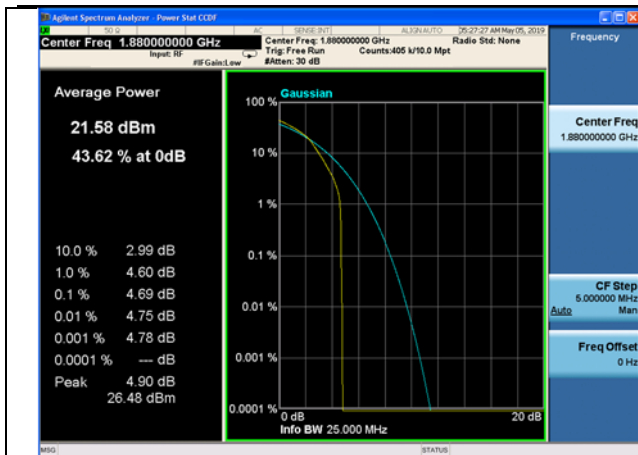


Fig.5

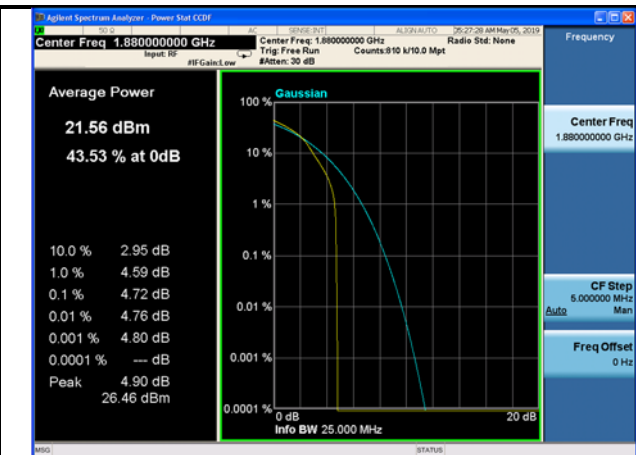


Fig.6

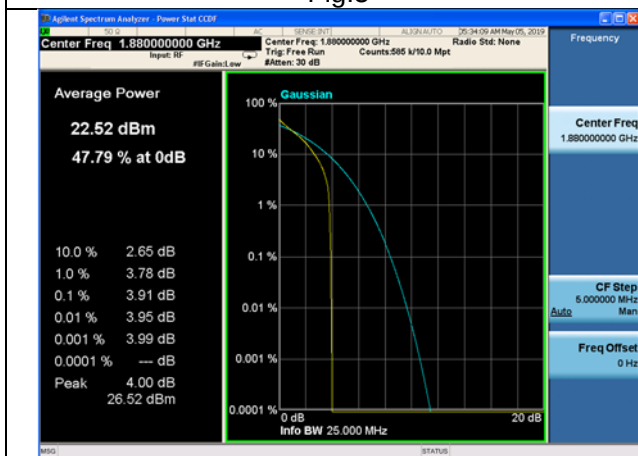


Fig.7

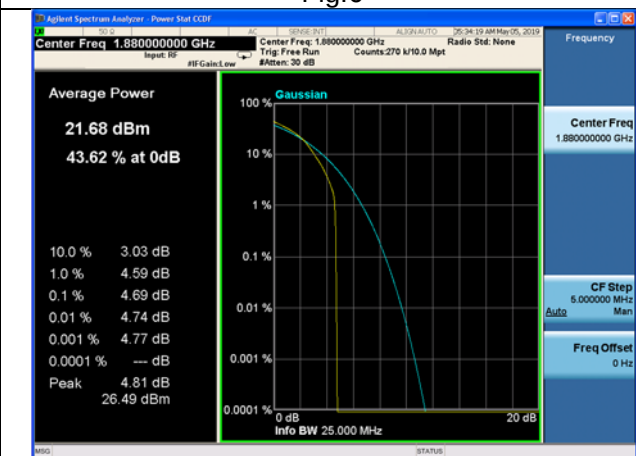


Fig.8

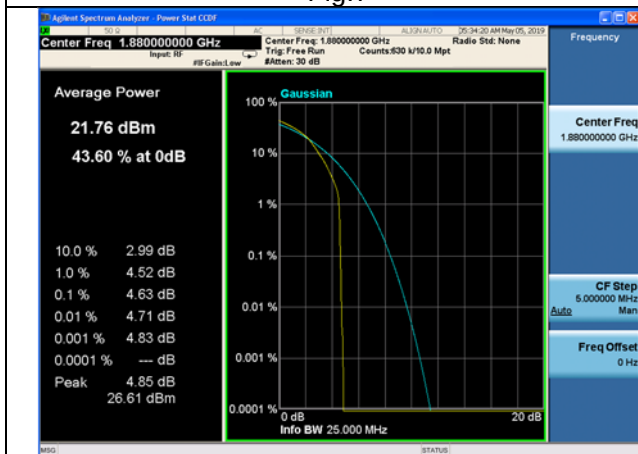


Fig.9

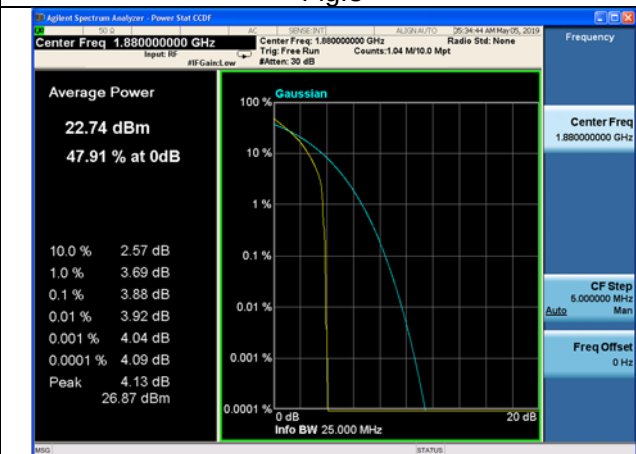


Fig.10



Fig.11

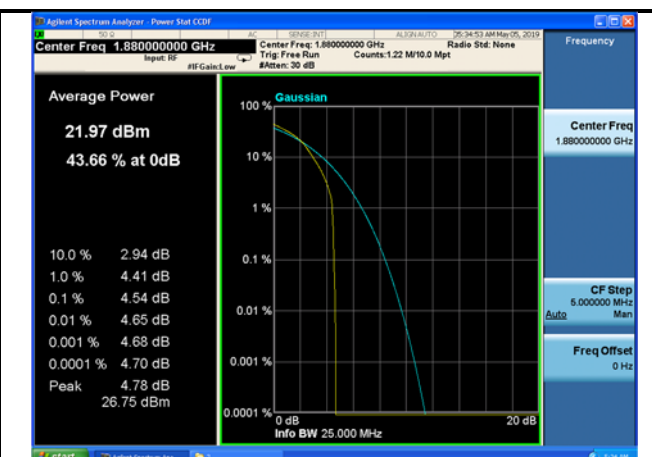


Fig.12

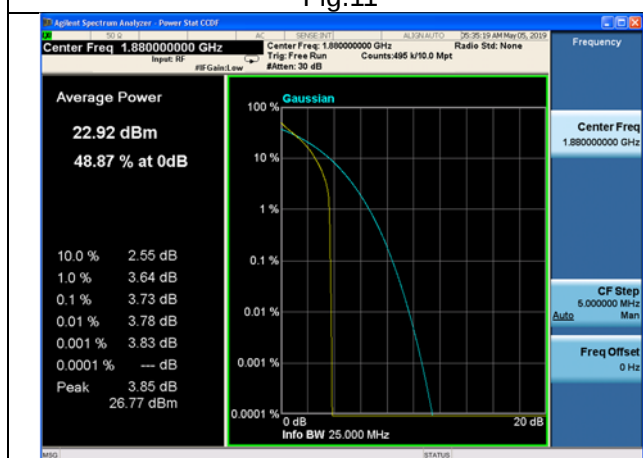


Fig.13



Fig.14

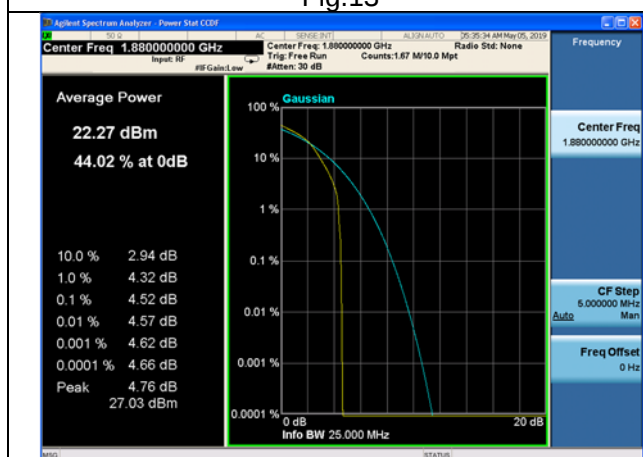


Fig.15

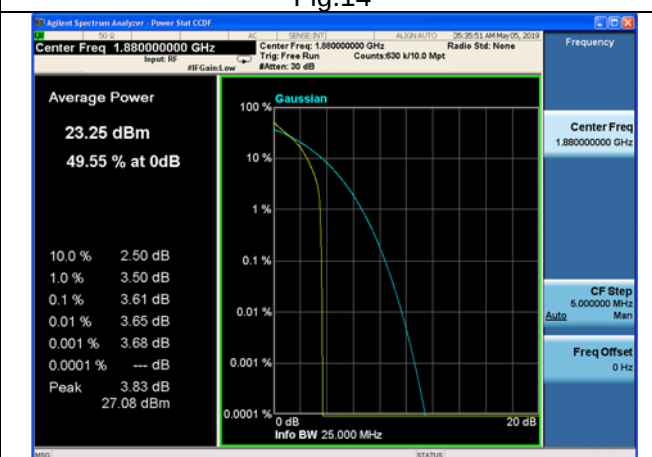


Fig.16

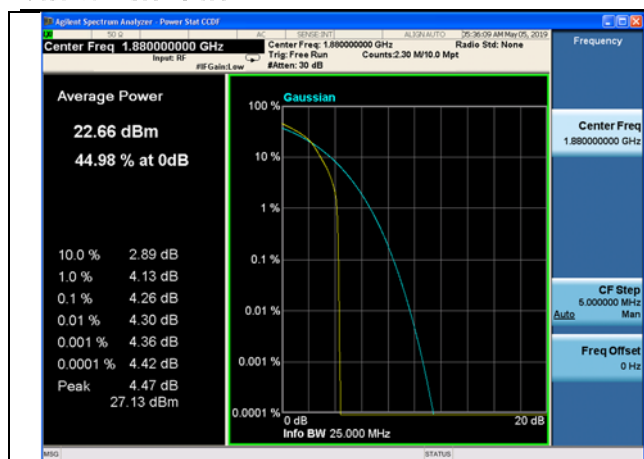


Fig.17

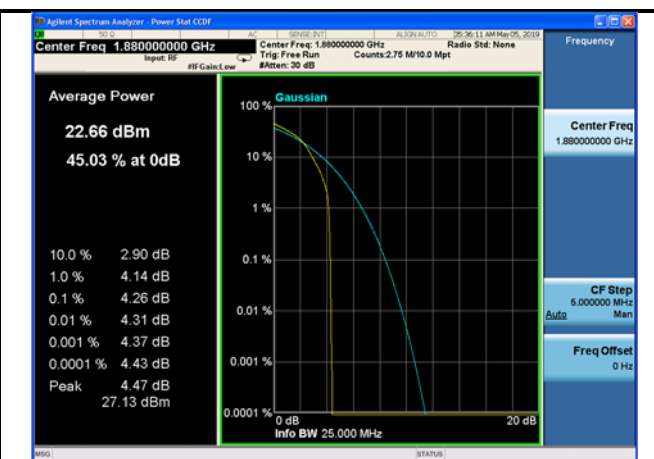


Fig.18

#### 4 Spurious Emissions at antenna terminal

| Band | Carrier frequency (MHz) | Channel | BW | RB Size | RB Offset | Conducted Spurious Plot |
|------|-------------------------|---------|----|---------|-----------|-------------------------|
|      |                         |         |    |         |           | QPSK                    |
| 2    | 1860                    | 18700   | 20 | 1       | 0         | Fig.1                   |
|      | 1880                    | 18900   | 20 | 1       | 0         | Fig.2                   |
|      | 1900                    | 19100   | 20 | 1       | 0         | Fig.3                   |

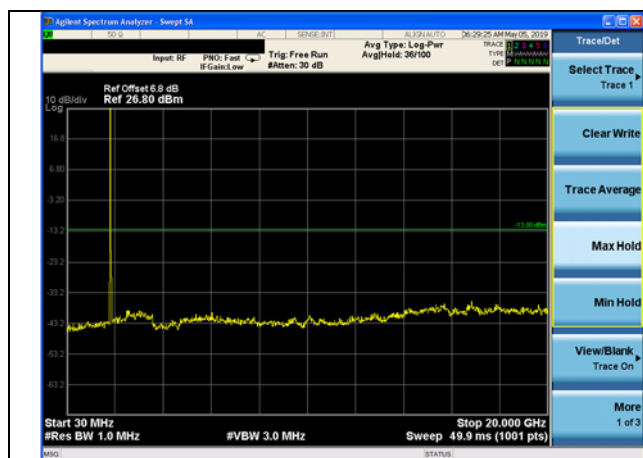


Fig.1

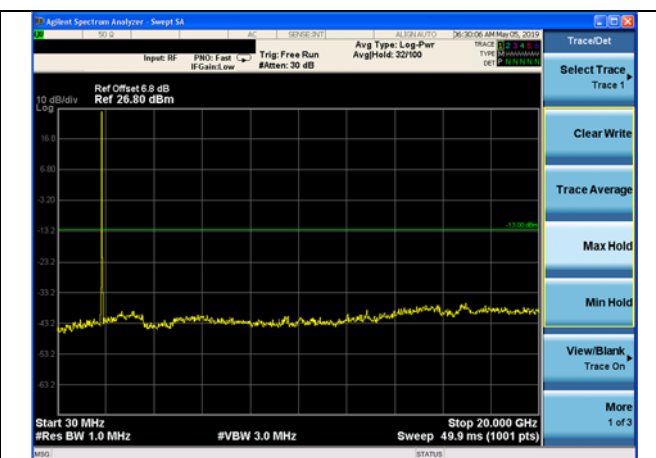


Fig.2

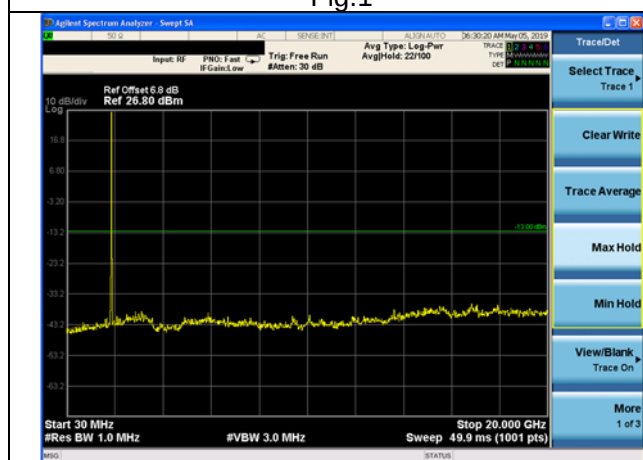


Fig3

## 5 Band Edges Compliance

Test result

| Band | Carrier frequency (MHz) | Channel | BW  | RB Size | RB Offset | Band Edges Plot |
|------|-------------------------|---------|-----|---------|-----------|-----------------|
|      |                         |         |     |         |           | QPSK            |
| 2    | 1850.7                  | 18607   | 1.4 | 1       | 0         | Fig.1           |
|      |                         |         |     | 6       | 0         | Fig.2           |
|      | 1909.3                  | 19193   |     | 1       | 5         | Fig.3           |
|      |                         |         |     | 6       | 0         | Fig.4           |
|      | 1851.5                  | 18615   | 3   | 1       | 0         | Fig.5           |
|      |                         |         |     | 15      | 0         | Fig.6           |
|      | 1908.5                  | 19185   |     | 1       | 14        | Fig.7           |
|      |                         |         |     | 15      | 0         | Fig.8           |
|      | 1852.5                  | 18625   | 5   | 1       | 0         | Fig.9           |
|      |                         |         |     | 25      | 0         | Fig.10          |
|      | 1907.5                  | 19175   |     | 1       | 24        | Fig.11          |
|      |                         |         |     | 25      | 0         | Fig.12          |
|      | 1855                    | 18650   | 10  | 1       | 0         | Fig.13          |
|      |                         |         |     | 50      | 0         | Fig.14          |
|      | 1905                    | 19150   |     | 1       | 49        | Fig.15          |
|      |                         |         |     | 50      | 0         | Fig.16          |
|      | 1857.5                  | 18675   | 15  | 1       | 0         | Fig.17          |
|      |                         |         |     | 75      | 0         | Fig.18          |
|      | 1902.5                  | 19125   |     | 1       | 74        | Fig.19          |
|      |                         |         |     | 75      | 0         | Fig.20          |
|      | 1860                    | 18700   | 20  | 1       | 0         | Fig.21          |
|      |                         |         |     | 100     | 0         | Fig.22          |
|      | 1900                    | 19100   |     | 1       | 99        | Fig.23          |
|      |                         |         |     | 100     | 0         | Fig.24          |

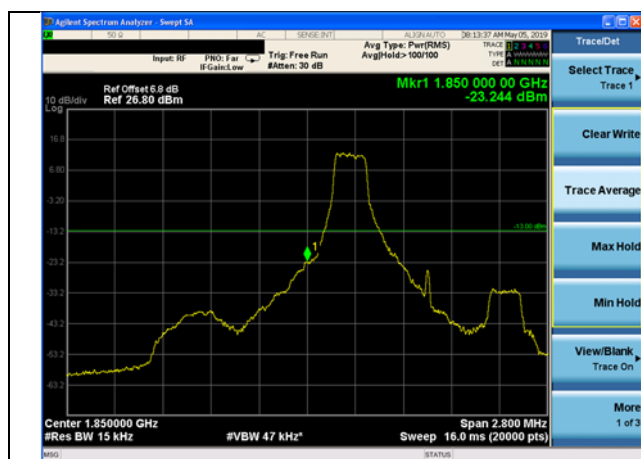


Fig.1

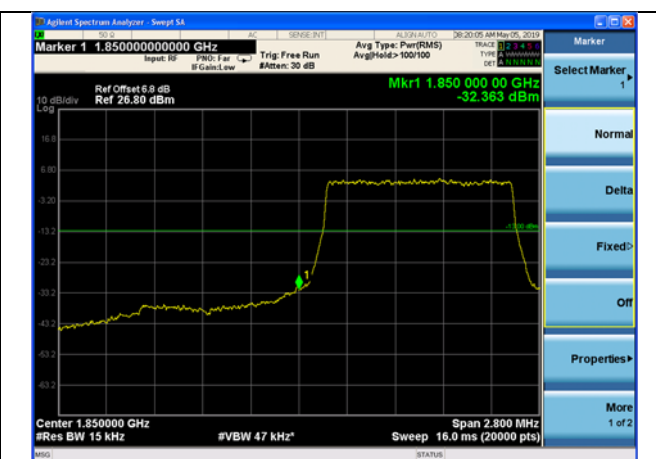


Fig.2

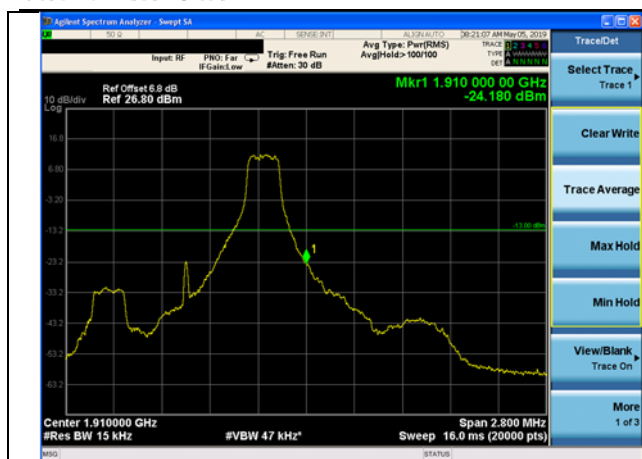


Fig.3

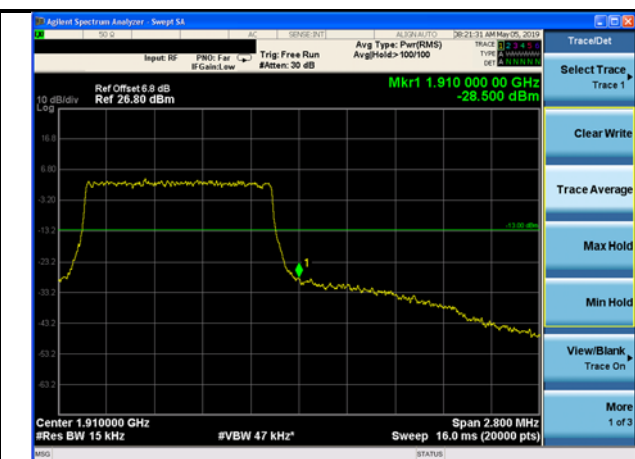


Fig.4

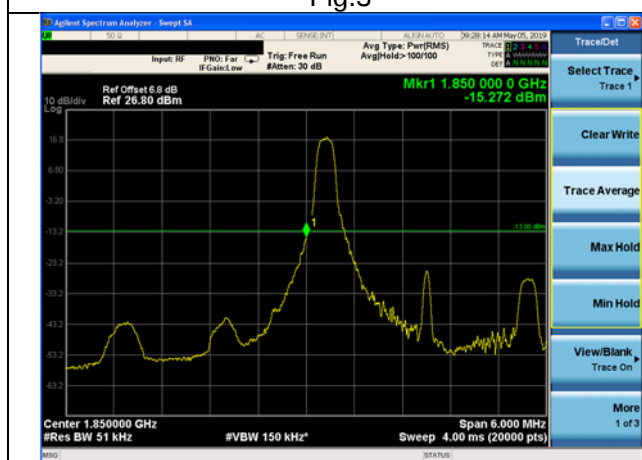


Fig.5

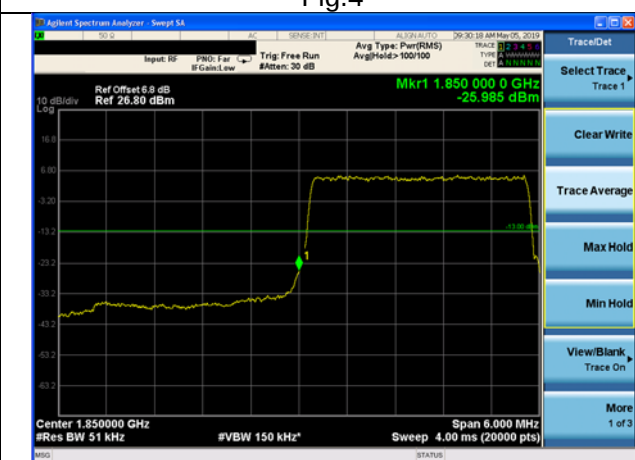


Fig.6

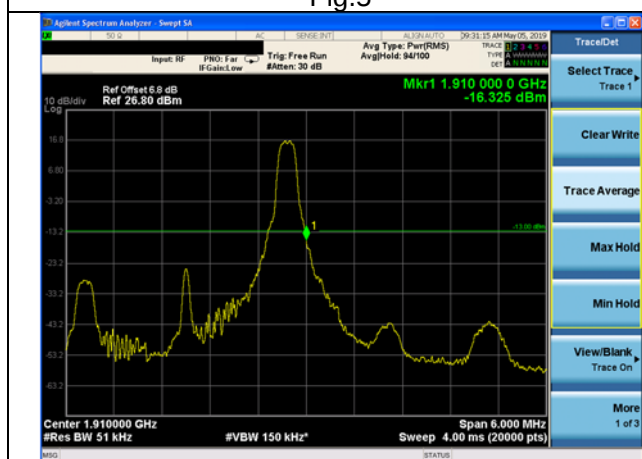


Fig.7

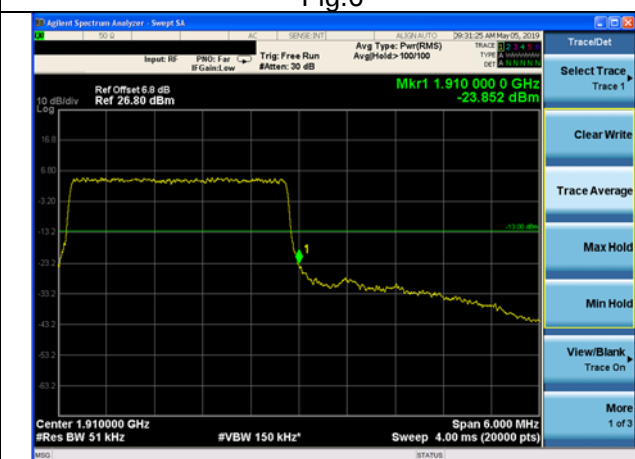


Fig.8

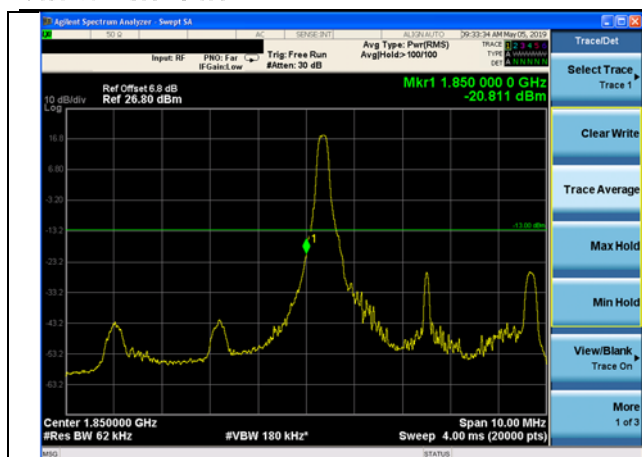


Fig.9

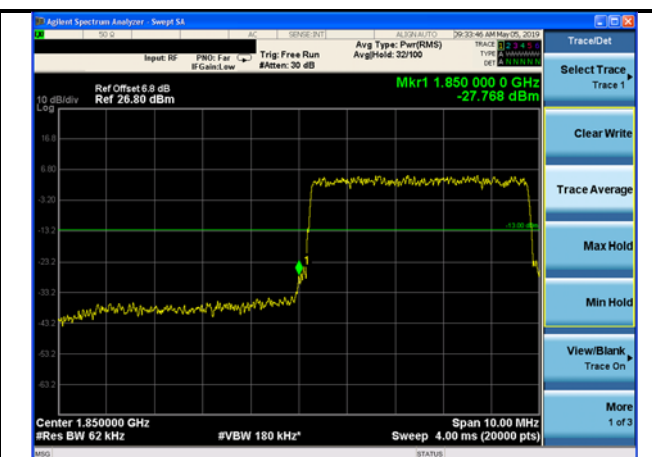


Fig.10

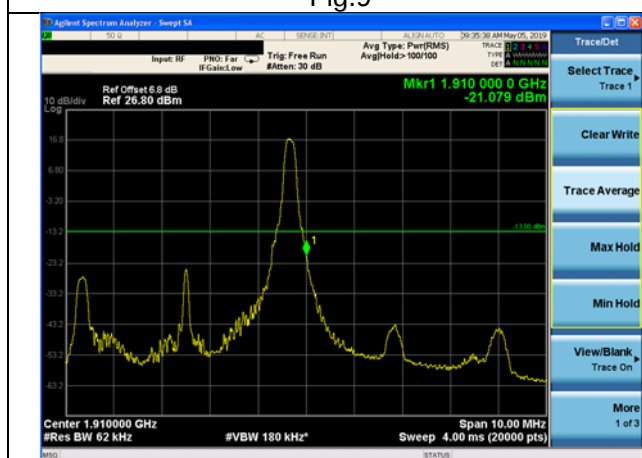


Fig.11

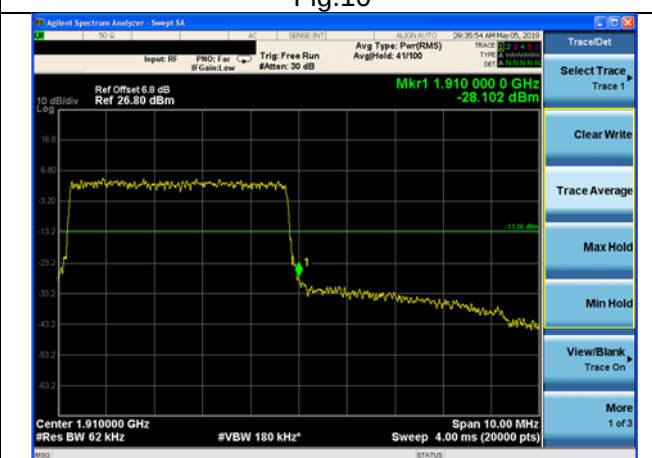


Fig.12

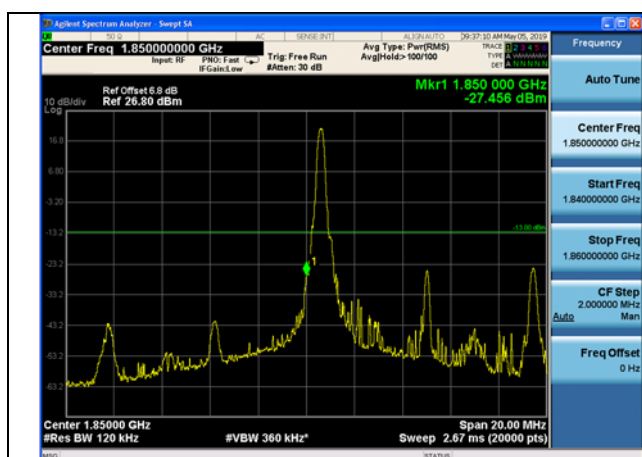


Fig.13

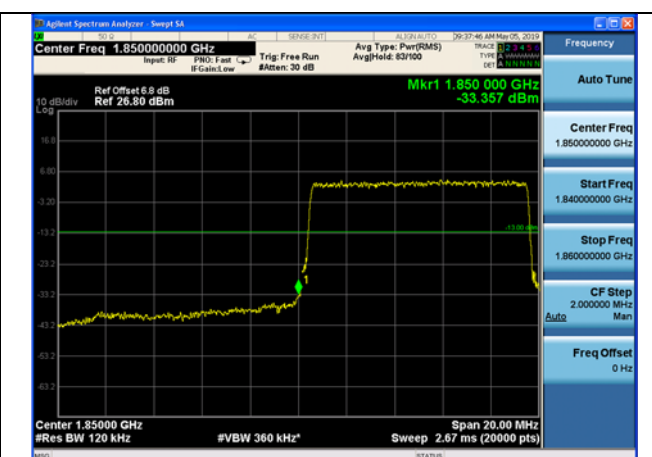


Fig.14

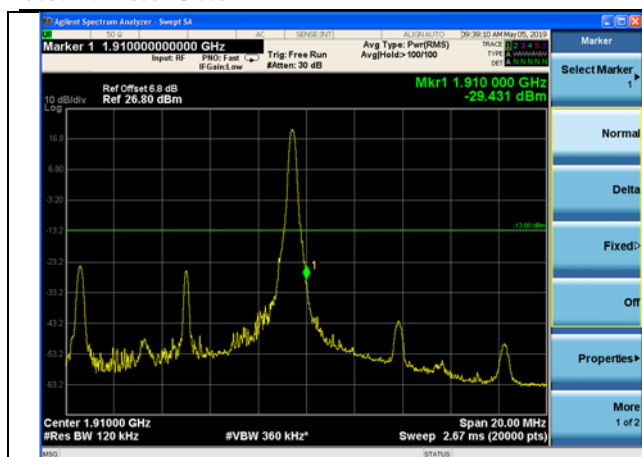


Fig.15

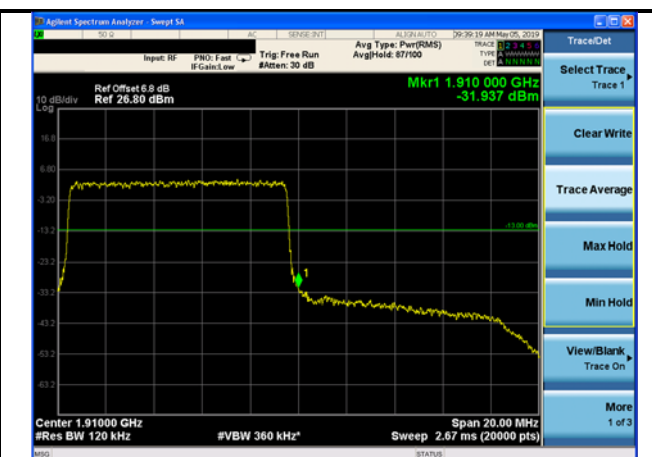


Fig.16

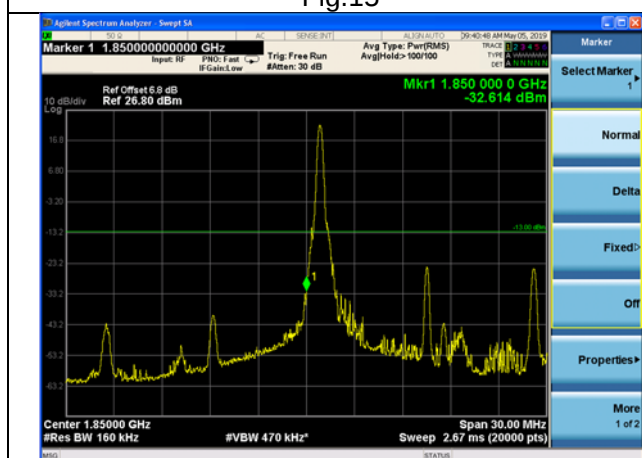


Fig.17

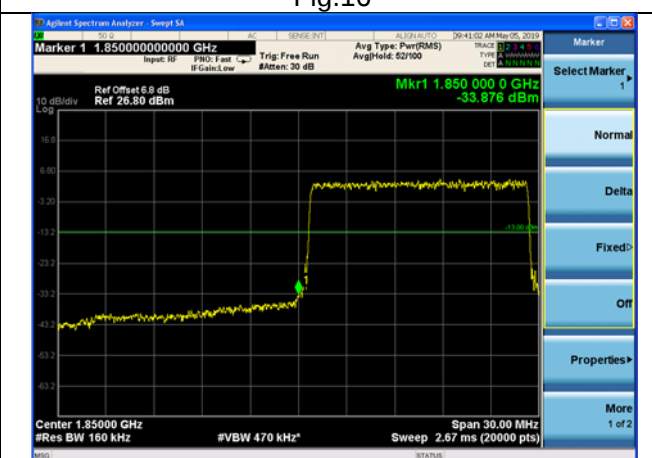


Fig.18

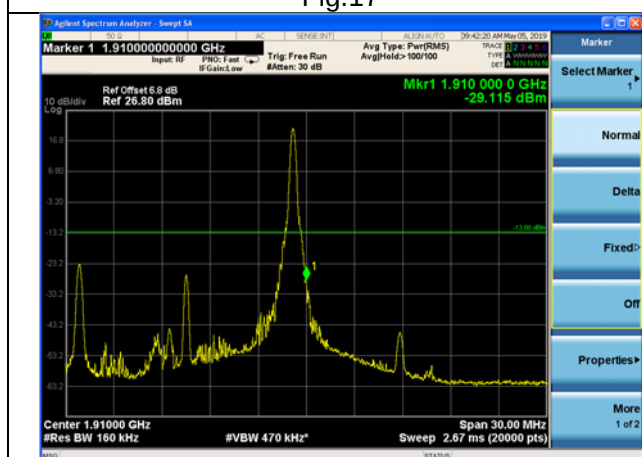


Fig.19

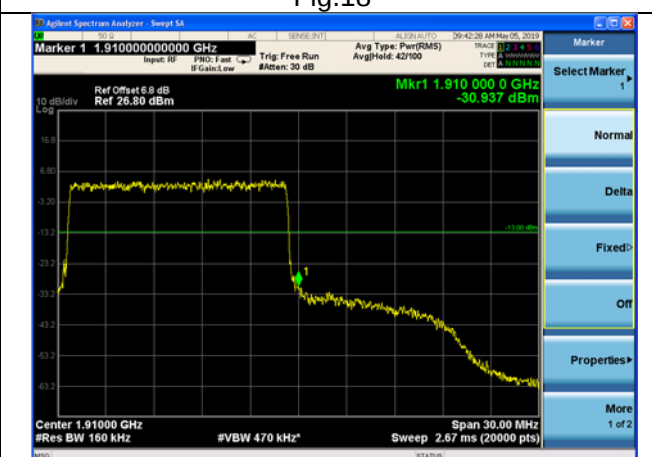


Fig.20

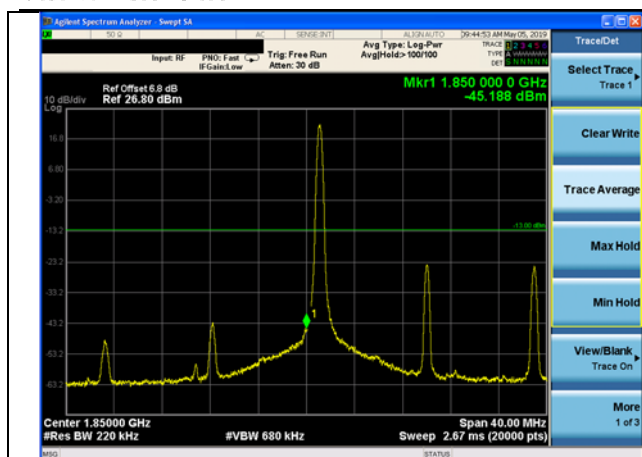


Fig.21

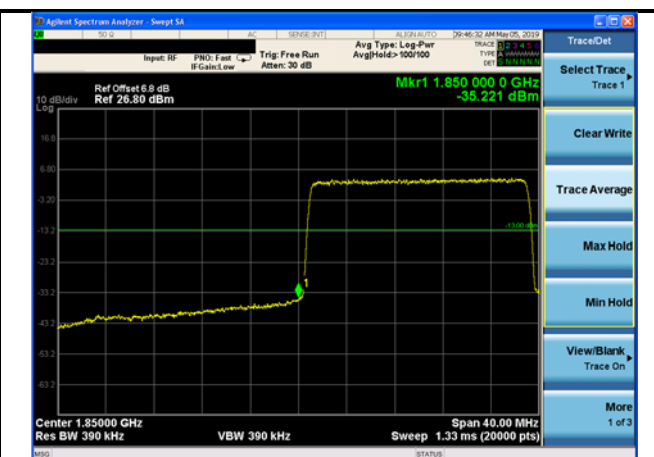


Fig.22

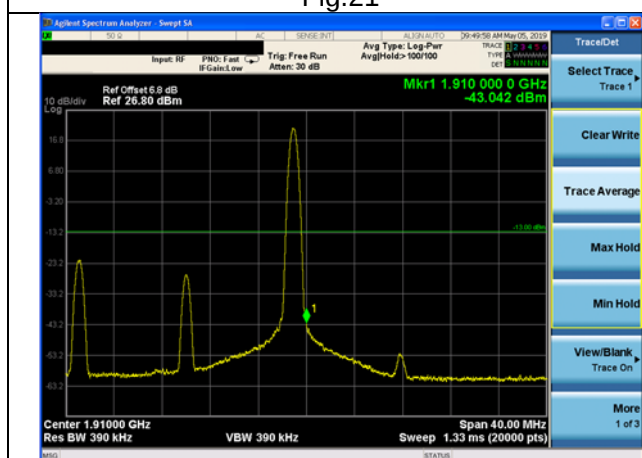


Fig.23

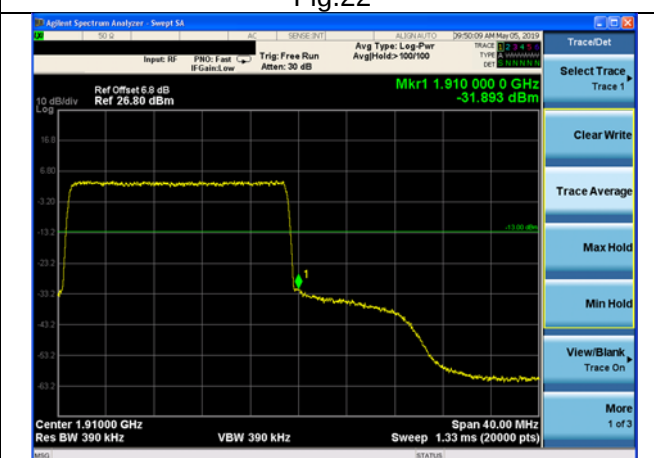


Fig.24

## 6 Frequency Stability

Test result:

| Temperature(°C) | Voltage | Test Result (ppm) Band2 Low Channel |       |       |       |       |       |
|-----------------|---------|-------------------------------------|-------|-------|-------|-------|-------|
|                 |         | 1.4M                                | 3M    | 5M    | 10M   | 15M   | 20M   |
| -10             | NV      | 0.103                               | 0.000 | 0.023 | 0.120 | 0.136 | 0.096 |
| 0               | NV      | 0.004                               | 0.026 | 0.011 | 0.110 | 0.008 | 0.119 |
| +10             | NV      | 0.021                               | 0.058 | 0.086 | 0.029 | 0.064 | 0.117 |
| +20             | NV      | 0.015                               | 0.048 | 0.074 | 0.042 | 0.016 | 0.116 |
| +30             | NV      | 0.103                               | 0.107 | 0.011 | 0.065 | 0.039 | 0.068 |
| +40             | NV      | 0.067                               | 0.019 | 0.002 | 0.119 | 0.058 | 0.026 |
| +50             | NV      | 0.065                               | 0.018 | 0.149 | 0.019 | 0.098 | 0.047 |
| +55             | NV      | 0.033                               | 0.067 | 0.073 | 0.007 | 0.138 | 0.059 |
| +20             | LV      | 0.044                               | 0.004 | 0.078 | 0.068 | 0.135 | 0.038 |
| +20             | HV      | 0.095                               | 0.101 | 0.126 | 0.086 | 0.042 | 0.068 |

| Temperature(°C) | Voltage | Test Result (ppm) Band2 High Channel |       |       |       |       |       |
|-----------------|---------|--------------------------------------|-------|-------|-------|-------|-------|
|                 |         | 1.4M                                 | 3M    | 5M    | 10M   | 15M   | 20M   |
| -10             | NV      | 0.061                                | 0.089 | 0.061 | 0.031 | 0.032 | 0.136 |
| 0               | NV      | 0.070                                | 0.048 | 0.105 | 0.005 | 0.096 | 0.158 |
| +10             | NV      | 0.006                                | 0.097 | 0.147 | 0.018 | 0.110 | 0.002 |
| +20             | NV      | 0.109                                | 0.102 | 0.089 | 0.027 | 0.098 | 0.067 |
| +30             | NV      | 0.082                                | 0.011 | 0.092 | 0.092 | 0.050 | 0.111 |
| +40             | NV      | 0.032                                | 0.104 | 0.053 | 0.083 | 0.014 | 0.151 |
| +50             | NV      | 0.107                                | 0.004 | 0.108 | 0.100 | 0.012 | 0.111 |
| +55             | NV      | 0.108                                | 0.070 | 0.085 | 0.118 | 0.087 | 0.049 |
| +20             | LV      | 0.105                                | 0.011 | 0.088 | 0.006 | 0.025 | 0.054 |
| +20             | HV      | 0.067                                | 0.049 | 0.067 | 0.043 | 0.129 | 0.087 |

## APPENDIX A – TEST DATA OF CONDUCTED EMISSION

### LTE Band 4

#### 1 RF Power Output

| Modulation | Carrier frequency (MHz) | UL Channel | BW  | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|-----|---------|-----------|-----------------------|
| QPSK       | 1710.7                  | 19957      | 1.4 | 1       | 0         | 23.98                 |
|            |                         |            |     | 1       | 5         | 24.00                 |
|            |                         |            |     | 3       | 2         | 22.47                 |
|            |                         |            |     | 6       | 0         | 22.29                 |
|            | 1732.5                  | 20175      |     | 1       | 0         | 23.88                 |
|            |                         |            |     | 1       | 5         | 23.93                 |
|            |                         |            |     | 3       | 2         | 22.37                 |
|            |                         |            |     | 6       | 0         | 22.23                 |
|            | 1754.3                  | 20393      |     | 1       | 0         | 23.82                 |
|            |                         |            |     | 1       | 5         | 23.84                 |
|            |                         |            |     | 3       | 2         | 22.37                 |
|            |                         |            |     | 6       | 0         | 22.28                 |
| 16QAM      | 1710.7                  | 19957      | 1.4 | 1       | 0         | 23.41                 |
|            |                         |            |     | 1       | 5         | 23.35                 |
|            |                         |            |     | 3       | 2         | 21.50                 |
|            |                         |            |     | 6       | 0         | 21.34                 |
|            | 1732.5                  | 20175      |     | 1       | 0         | 23.06                 |
|            |                         |            |     | 1       | 5         | 23.09                 |
|            |                         |            |     | 3       | 2         | 21.29                 |
|            |                         |            |     | 6       | 0         | 21.27                 |
|            | 1754.3                  | 20393      |     | 1       | 0         | 23.12                 |
|            |                         |            |     | 1       | 5         | 23.09                 |
|            |                         |            |     | 3       | 2         | 21.43                 |
|            |                         |            |     | 6       | 0         | 21.28                 |
| 64QAM      | 1710.7                  | 19957      | 1.4 | 1       | 0         | 23.27                 |
|            |                         |            |     | 1       | 5         | 23.20                 |
|            |                         |            |     | 3       | 2         | 21.44                 |
|            |                         |            |     | 6       | 0         | 21.40                 |
|            | 1732.5                  | 20175      |     | 1       | 0         | 23.21                 |
|            |                         |            |     | 1       | 5         | 23.19                 |
|            |                         |            |     | 3       | 2         | 21.36                 |
|            |                         |            |     | 6       | 0         | 21.25                 |
|            | 1754.3                  | 20393      |     | 1       | 0         | 22.97                 |
|            |                         |            |     | 1       | 5         | 23.01                 |
|            |                         |            |     | 3       | 2         | 21.33                 |
|            |                         |            |     | 6       | 0         | 21.31                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 1711.5                  | 19965      | 3  | 1       | 0         | 23.97                 |
|            |                         |            |    | 1       | 14        | 23.95                 |
|            |                         |            |    | 8       | 4         | 22.47                 |
|            |                         |            |    | 15      | 0         | 22.32                 |
|            | 1732.5                  | 20175      |    | 1       | 0         | 23.90                 |
|            |                         |            |    | 1       | 14        | 23.87                 |
|            |                         |            |    | 8       | 4         | 22.36                 |
|            |                         |            |    | 15      | 0         | 22.22                 |
|            | 1753.5                  | 20385      |    | 1       | 0         | 23.85                 |
|            |                         |            |    | 1       | 14        | 23.87                 |
|            |                         |            |    | 8       | 4         | 22.37                 |
|            |                         |            |    | 15      | 0         | 22.24                 |
| 16QAM      | 1711.5                  | 19965      | 3  | 1       | 0         | 23.44                 |
|            |                         |            |    | 1       | 14        | 23.43                 |
|            |                         |            |    | 8       | 4         | 21.52                 |
|            |                         |            |    | 15      | 0         | 21.42                 |
|            | 1732.5                  | 20175      |    | 1       | 0         | 23.07                 |
|            |                         |            |    | 1       | 14        | 23.11                 |
|            |                         |            |    | 8       | 4         | 21.32                 |
|            |                         |            |    | 15      | 0         | 21.30                 |
|            | 1753.5                  | 20385      |    | 1       | 0         | 23.03                 |
|            |                         |            |    | 1       | 14        | 23.13                 |
|            |                         |            |    | 8       | 4         | 21.38                 |
|            |                         |            |    | 15      | 0         | 21.32                 |
| 64QAM      | 1711.5                  | 19965      | 3  | 1       | 0         | 23.22                 |
|            |                         |            |    | 1       | 14        | 23.24                 |
|            |                         |            |    | 8       | 4         | 21.46                 |
|            |                         |            |    | 15      | 0         | 21.35                 |
|            | 1732.5                  | 20175      |    | 1       | 0         | 23.14                 |
|            |                         |            |    | 1       | 14        | 23.17                 |
|            |                         |            |    | 8       | 4         | 21.35                 |
|            |                         |            |    | 15      | 0         | 21.25                 |
|            | 1753.5                  | 20385      |    | 1       | 0         | 23.00                 |
|            |                         |            |    | 1       | 14        | 23.01                 |
|            |                         |            |    | 8       | 4         | 21.31                 |
|            |                         |            |    | 15      | 0         | 21.28                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 1712.5                  | 19975      | 5  | 1       | 0         | 23.94                 |
|            |                         |            |    | 1       | 24        | 23.93                 |
|            |                         |            |    | 12      | 6         | 22.55                 |
|            |                         |            |    | 25      | 0         | 22.36                 |
|            | 1732.5                  | 20175      |    | 1       | 0         | 23.94                 |
|            |                         |            |    | 1       | 24        | 23.91                 |
|            |                         |            |    | 12      | 6         | 22.39                 |
|            |                         |            |    | 25      | 0         | 22.28                 |
|            | 1752.5                  | 20375      |    | 1       | 0         | 23.85                 |
|            |                         |            |    | 1       | 24        | 23.87                 |
|            |                         |            |    | 12      | 6         | 22.37                 |
|            |                         |            |    | 25      | 0         | 22.24                 |
| 16QAM      | 1712.5                  | 19975      | 5  | 1       | 0         | 23.36                 |
|            |                         |            |    | 1       | 24        | 23.41                 |
|            |                         |            |    | 12      | 6         | 21.51                 |
|            |                         |            |    | 25      | 0         | 21.37                 |
|            | 1732.5                  | 20175      |    | 1       | 0         | 23.09                 |
|            |                         |            |    | 1       | 24        | 23.15                 |
|            |                         |            |    | 12      | 6         | 21.35                 |
|            |                         |            |    | 25      | 0         | 21.27                 |
|            | 1752.5                  | 20375      |    | 1       | 0         | 23.12                 |
|            |                         |            |    | 1       | 24        | 23.06                 |
|            |                         |            |    | 12      | 6         | 21.42                 |
|            |                         |            |    | 25      | 0         | 21.27                 |
| 64QAM      | 1712.5                  | 19975      | 5  | 1       | 0         | 23.23                 |
|            |                         |            |    | 1       | 24        | 23.21                 |
|            |                         |            |    | 12      | 6         | 21.42                 |
|            |                         |            |    | 25      | 0         | 21.41                 |
|            | 1732.5                  | 20175      |    | 1       | 0         | 23.19                 |
|            |                         |            |    | 1       | 24        | 23.19                 |
|            |                         |            |    | 12      | 6         | 21.32                 |
|            |                         |            |    | 25      | 0         | 21.29                 |
|            | 1752.5                  | 20375      |    | 1       | 0         | 22.93                 |
|            |                         |            |    | 1       | 24        | 23.01                 |
|            |                         |            |    | 12      | 6         | 21.28                 |
|            |                         |            |    | 25      | 0         | 21.31                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 1715                    | 20000      | 10 | 1       | 0         | 23.92                 |
|            |                         |            |    | 1       | 49        | 23.98                 |
|            |                         |            |    | 24      | 12        | 22.53                 |
|            |                         |            |    | 50      | 0         | 22.30                 |
|            | 1732.5                  | 20175      |    | 1       | 0         | 23.87                 |
|            |                         |            |    | 1       | 49        | 23.89                 |
|            |                         |            |    | 24      | 12        | 22.41                 |
|            |                         |            |    | 50      | 0         | 22.32                 |
|            | 1750                    | 20350      |    | 1       | 0         | 23.88                 |
|            |                         |            |    | 1       | 49        | 23.81                 |
|            |                         |            |    | 24      | 12        | 22.37                 |
|            |                         |            |    | 50      | 0         | 22.27                 |
| 16QAM      | 1715                    | 20000      | 10 | 1       | 0         | 23.37                 |
|            |                         |            |    | 1       | 49        | 23.39                 |
|            |                         |            |    | 24      | 12        | 21.51                 |
|            |                         |            |    | 50      | 0         | 21.33                 |
|            | 1732.5                  | 20175      |    | 1       | 0         | 23.14                 |
|            |                         |            |    | 1       | 49        | 23.10                 |
|            |                         |            |    | 24      | 12        | 21.35                 |
|            |                         |            |    | 50      | 0         | 21.27                 |
|            | 1750                    | 20350      |    | 1       | 0         | 23.09                 |
|            |                         |            |    | 1       | 49        | 23.06                 |
|            |                         |            |    | 24      | 12        | 21.41                 |
|            |                         |            |    | 50      | 0         | 21.31                 |
| 64QAM      | 1715                    | 20000      | 10 | 1       | 0         | 23.27                 |
|            |                         |            |    | 1       | 49        | 23.21                 |
|            |                         |            |    | 24      | 12        | 21.49                 |
|            |                         |            |    | 50      | 0         | 21.39                 |
|            | 1732.5                  | 20175      |    | 1       | 0         | 23.11                 |
|            |                         |            |    | 1       | 49        | 23.16                 |
|            |                         |            |    | 24      | 12        | 21.31                 |
|            |                         |            |    | 50      | 0         | 21.31                 |
|            | 1750                    | 20350      |    | 1       | 0         | 23.00                 |
|            |                         |            |    | 1       | 49        | 22.94                 |
|            |                         |            |    | 24      | 12        | 21.34                 |
|            |                         |            |    | 50      | 0         | 21.26                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 1717.5                  | 20025      | 15 | 1       | 0         | 23.97                 |
|            |                         |            |    | 1       | 74        | 23.97                 |
|            |                         |            |    | 40      | 18        | 22.51                 |
|            |                         |            |    | 75      | 0         | 22.33                 |
|            | 1732.5                  | 20175      |    | 1       | 0         | 23.94                 |
|            |                         |            |    | 1       | 74        | 23.95                 |
|            |                         |            |    | 40      | 18        | 22.40                 |
|            |                         |            |    | 75      | 0         | 22.25                 |
|            | 1747.5                  | 20325      |    | 1       | 0         | 23.83                 |
|            |                         |            |    | 1       | 74        | 23.87                 |
|            |                         |            |    | 40      | 18        | 22.29                 |
|            |                         |            |    | 75      | 0         | 22.27                 |
| 16QAM      | 1717.5                  | 20025      | 15 | 1       | 0         | 23.42                 |
|            |                         |            |    | 1       | 74        | 23.35                 |
|            |                         |            |    | 40      | 18        | 21.56                 |
|            |                         |            |    | 75      | 0         | 21.42                 |
|            | 1732.5                  | 20175      |    | 1       | 0         | 23.12                 |
|            |                         |            |    | 1       | 74        | 23.13                 |
|            |                         |            |    | 40      | 18        | 21.36                 |
|            |                         |            |    | 75      | 0         | 21.30                 |
|            | 1747.5                  | 20325      |    | 1       | 0         | 23.10                 |
|            |                         |            |    | 1       | 74        | 23.07                 |
|            |                         |            |    | 40      | 18        | 21.45                 |
|            |                         |            |    | 75      | 0         | 21.25                 |
| 64QAM      | 1717.5                  | 20025      | 15 | 1       | 0         | 23.26                 |
|            |                         |            |    | 1       | 74        | 23.25                 |
|            |                         |            |    | 40      | 18        | 21.50                 |
|            |                         |            |    | 75      | 0         | 21.41                 |
|            | 1732.5                  | 20175      |    | 1       | 0         | 23.13                 |
|            |                         |            |    | 1       | 74        | 23.19                 |
|            |                         |            |    | 40      | 18        | 21.35                 |
|            |                         |            |    | 75      | 0         | 21.29                 |
|            | 1747.5                  | 20325      |    | 1       | 0         | 22.97                 |
|            |                         |            |    | 1       | 74        | 23.00                 |
|            |                         |            |    | 40      | 18        | 21.31                 |
|            |                         |            |    | 75      | 0         | 21.33                 |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|
| QPSK       | 1720                    | 20050      | 20 | 1       | 0         | <b>23.99</b>          |
|            |                         |            |    | 1       | 99        | <b>23.99</b>          |
|            |                         |            |    | 50      | 25        | 22.46                 |
|            |                         |            |    | 100     | 0         | 22.37                 |
|            | 1732.5                  | 20175      |    | 1       | 0         | <b>23.95</b>          |
|            |                         |            |    | 1       | 99        | <b>23.95</b>          |
|            |                         |            |    | 50      | 25        | 22.43                 |
|            |                         |            |    | 100     | 0         | 22.32                 |
|            | 1745                    | 20300      |    | 1       | 0         | <b>23.89</b>          |
|            |                         |            |    | 1       | 99        | <b>23.89</b>          |
|            |                         |            |    | 50      | 25        | 22.38                 |
|            |                         |            |    | 100     | 0         | 22.29                 |
| 16QAM      | 1720                    | 20050      | 20 | 1       | 0         | 23.44                 |
|            |                         |            |    | 1       | 99        | 23.44                 |
|            |                         |            |    | 50      | 25        | 21.58                 |
|            |                         |            |    | 100     | 0         | 21.43                 |
|            | 1732.5                  | 20175      |    | 1       | 0         | 23.16                 |
|            |                         |            |    | 1       | 99        | 23.16                 |
|            |                         |            |    | 50      | 25        | 21.38                 |
|            |                         |            |    | 100     | 0         | 21.31                 |
|            | 1745                    | 20300      |    | 1       | 0         | 23.13                 |
|            |                         |            |    | 1       | 99        | 23.13                 |
|            |                         |            |    | 50      | 25        | 21.46                 |
|            |                         |            |    | 100     | 0         | 21.35                 |
| 64QAM      | 1720                    | 20050      | 20 | 1       | 0         | 23.29                 |
|            |                         |            |    | 1       | 99        | 23.29                 |
|            |                         |            |    | 50      | 25        | 21.51                 |
|            |                         |            |    | 100     | 0         | 21.43                 |
|            | 1732.5                  | 20175      |    | 1       | 0         | 23.21                 |
|            |                         |            |    | 1       | 99        | 23.21                 |
|            |                         |            |    | 50      | 25        | 21.38                 |
|            |                         |            |    | 100     | 0         | 21.32                 |
|            | 1745                    | 20300      |    | 1       | 0         | 23.03                 |
|            |                         |            |    | 1       | 99        | 23.03                 |
|            |                         |            |    | 50      | 25        | 21.36                 |
|            |                         |            |    | 100     | 0         | 21.35                 |

## 2 Occupied Bandwidth

Test result

| Band | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of 99% Power (MHz) |        |        |        |        |        |
|------|-------------------------|---------|----------|---------|-----------|------------------------------|--------|--------|--------|--------|--------|
|      |                         |         |          |         |           | QPSK                         |        | 16-QAM |        | 64-QAM |        |
| 4    | 1710.7                  | 19957   | 1.4      | 6       | 0         | 1.08                         | Fig.1  | 1.07   | Fig.2  | 1.08   | Fig.3  |
|      | 1732.5                  | 20175   |          | 6       | 0         | 1.08                         | Fig.4  | 1.08   | Fig.5  | 1.08   | Fig.6  |
|      | 1754.3                  | 20393   |          | 6       | 0         | 1.08                         | Fig.7  | 1.07   | Fig.8  | 1.08   | Fig.9  |
|      | 1711.5                  | 19965   | 3        | 15      | 0         | 2.70                         | Fig.10 | 2.69   | Fig.11 | 2.70   | Fig.12 |
|      | 1732.5                  | 20175   |          | 15      | 0         | 2.70                         | Fig.13 | 2.70   | Fig.14 | 2.69   | Fig.15 |
|      | 1753.5                  | 20385   |          | 15      | 0         | 2.69                         | Fig.16 | 2.70   | Fig.17 | 2.69   | Fig.18 |
|      | 1712.5                  | 19975   | 5        | 25      | 0         | 4.47                         | Fig.19 | 4.45   | Fig.20 | 4.48   | Fig.21 |
|      | 1732.5                  | 20175   |          | 25      | 0         | 4.47                         | Fig.22 | 4.47   | Fig.23 | 4.48   | Fig.24 |
|      | 1752.5                  | 20375   |          | 25      | 0         | 4.47                         | Fig.25 | 4.47   | Fig.26 | 4.47   | Fig.27 |
|      | 1715                    | 20000   | 10       | 50      | 0         | 9.00                         | Fig.28 | 9.02   | Fig.29 | 9.01   | Fig.30 |
|      | 1732.5                  | 20175   |          | 50      | 0         | 9.03                         | Fig.31 | 9.04   | Fig.32 | 9.03   | Fig.33 |
|      | 1750                    | 20350   |          | 50      | 0         | 9.05                         | Fig.34 | 8.98   | Fig.35 | 9.00   | Fig.36 |
|      | 1717.5                  | 20025   | 15       | 75      | 0         | 13.37                        | Fig.37 | 13.38  | Fig.38 | 13.37  | Fig.39 |
|      | 1732.5                  | 20175   |          | 75      | 0         | 13.44                        | Fig.40 | 13.42  | Fig.41 | 13.42  | Fig.42 |
|      | 1747.5                  | 20325   |          | 75      | 0         | 13.38                        | Fig.43 | 13.40  | Fig.44 | 13.36  | Fig.45 |
|      | 1720                    | 20050   | 20       | 100     | 0         | 17.86                        | Fig.46 | 17.84  | Fig.47 | 17.86  | Fig.48 |
|      | 1732.5                  | 20175   |          | 100     | 0         | 17.90                        | Fig.49 | 17.92  | Fig.50 | 17.88  | Fig.51 |
|      | 1745                    | 20300   |          | 100     | 0         | 17.89                        | Fig.52 | 17.88  | Fig.53 | 17.87  | Fig.54 |

| Band | Carrier frequency (MHz) | Channel | BW (MHz) | RB Size | RB Offset | Bandwidth of -26dB transmitter power (MHz) |        |        |        |        |        |
|------|-------------------------|---------|----------|---------|-----------|--------------------------------------------|--------|--------|--------|--------|--------|
|      |                         |         |          |         |           | QPSK                                       |        | 16-QAM |        | 64-QAM |        |
| 4    | 1710.7                  | 19957   | 1.4      | 6       | 0         | 1.21                                       | Fig.1  | 1.21   | Fig.2  | 1.21   | Fig.3  |
|      | 1732.5                  | 20175   |          | 6       | 0         | 1.22                                       | Fig.4  | 1.20   | Fig.5  | 1.21   | Fig.6  |
|      | 1754.3                  | 20393   |          | 6       | 0         | 1.22                                       | Fig.7  | 1.20   | Fig.8  | 1.20   | Fig.9  |
|      | 1711.5                  | 19965   | 3        | 15      | 0         | 2.98                                       | Fig.10 | 2.93   | Fig.11 | 2.90   | Fig.12 |
|      | 1732.5                  | 20175   |          | 15      | 0         | 3.00                                       | Fig.13 | 2.92   | Fig.14 | 2.95   | Fig.15 |
|      | 1753.5                  | 20385   |          | 15      | 0         | 2.97                                       | Fig.16 | 2.98   | Fig.17 | 2.52   | Fig.18 |
|      | 1712.5                  | 19975   | 5        | 25      | 0         | 4.88                                       | Fig.19 | 4.84   | Fig.20 | 4.84   | Fig.21 |
|      | 1732.5                  | 20175   |          | 25      | 0         | 4.90                                       | Fig.22 | 4.87   | Fig.23 | 4.83   | Fig.24 |
|      | 1752.5                  | 20375   |          | 25      | 0         | 4.81                                       | Fig.25 | 4.88   | Fig.26 | 4.74   | Fig.27 |
|      | 1715                    | 20000   | 10       | 50      | 0         | 9.76                                       | Fig.28 | 9.68   | Fig.29 | 9.82   | Fig.30 |
|      | 1732.5                  | 20175   |          | 50      | 0         | 9.74                                       | Fig.31 | 9.80   | Fig.32 | 9.62   | Fig.33 |
|      | 1750                    | 20350   |          | 50      | 0         | 9.75                                       | Fig.34 | 9.70   | Fig.35 | 9.72   | Fig.36 |
|      | 1717.5                  | 20025   | 15       | 75      | 0         | 14.25                                      | Fig.37 | 14.25  | Fig.38 | 14.34  | Fig.39 |
|      | 1732.5                  | 20175   |          | 75      | 0         | 14.29                                      | Fig.40 | 14.14  | Fig.41 | 14.42  | Fig.42 |
|      | 1747.5                  | 20325   |          | 75      | 0         | 14.22                                      | Fig.43 | 14.10  | Fig.44 | 13.98  | Fig.45 |
|      | 1720                    | 20050   | 20       | 100     | 0         | 19.18                                      | Fig.46 | 19.01  | Fig.47 | 18.92  | Fig.48 |
|      | 1732.5                  | 20175   |          | 100     | 0         | 19.29                                      | Fig.49 | 19.05  | Fig.50 | 19.12  | Fig.51 |
|      | 1745                    | 20300   |          | 100     | 0         | 19.28                                      | Fig.52 | 19.13  | Fig.53 | 19.25  | Fig.54 |

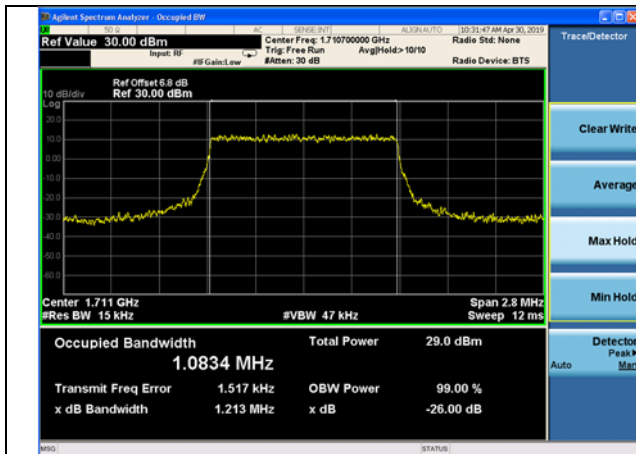


Fig.1

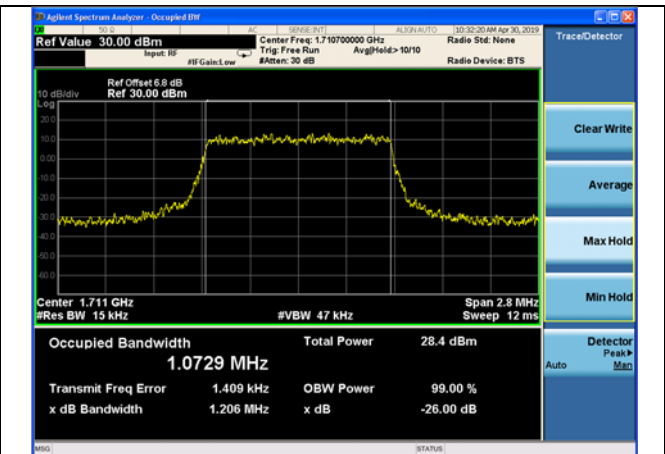


Fig.2

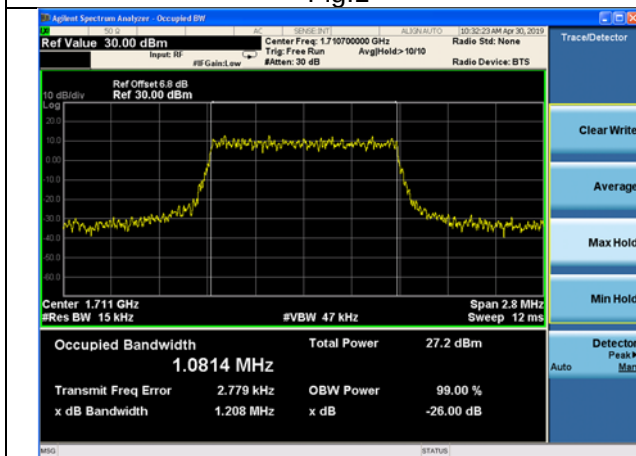


Fig.3

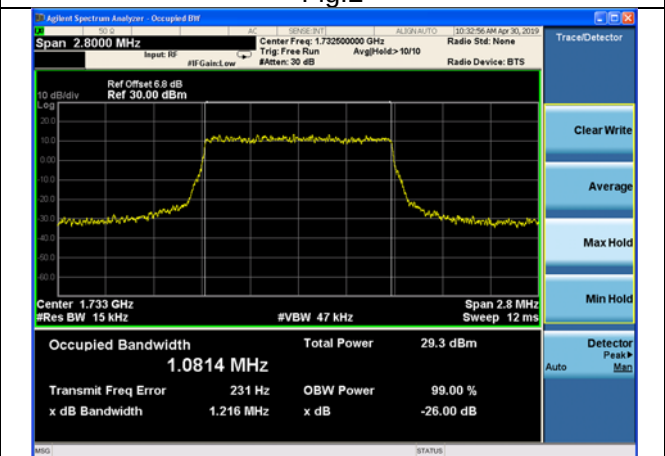


Fig.4

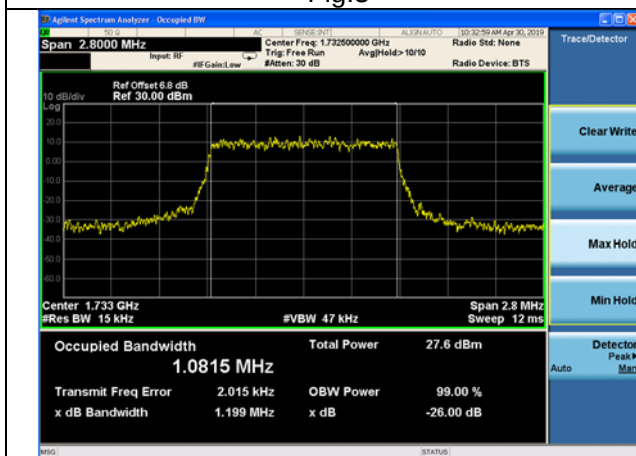


Fig.5

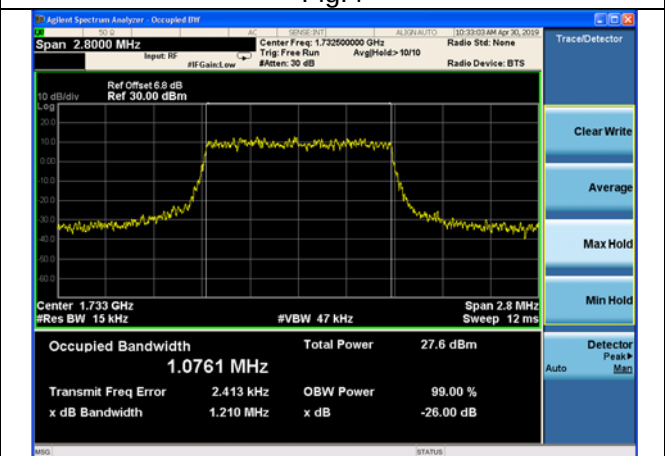


Fig.6

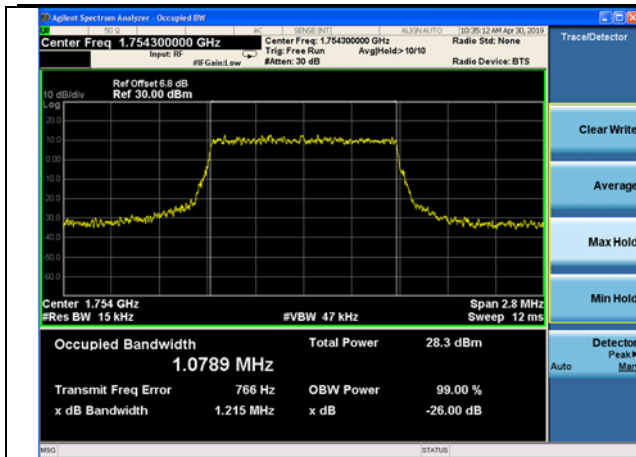


Fig.7

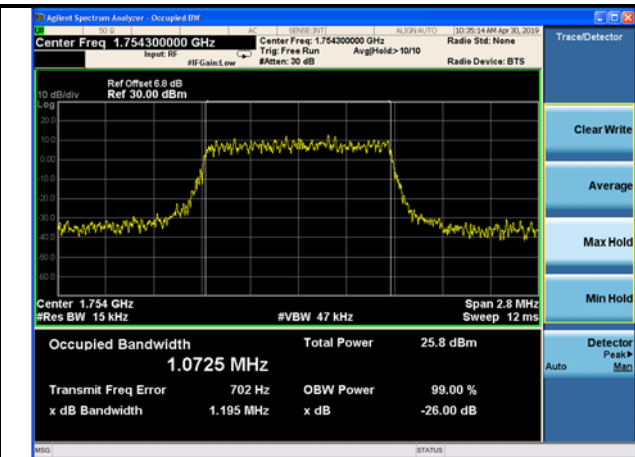


Fig.8

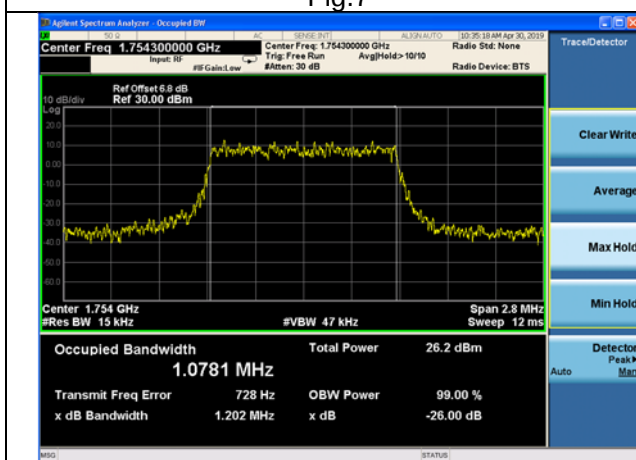


Fig.9

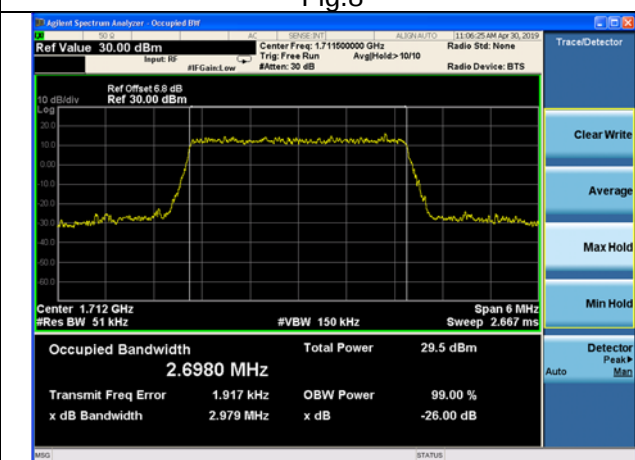


Fig.10

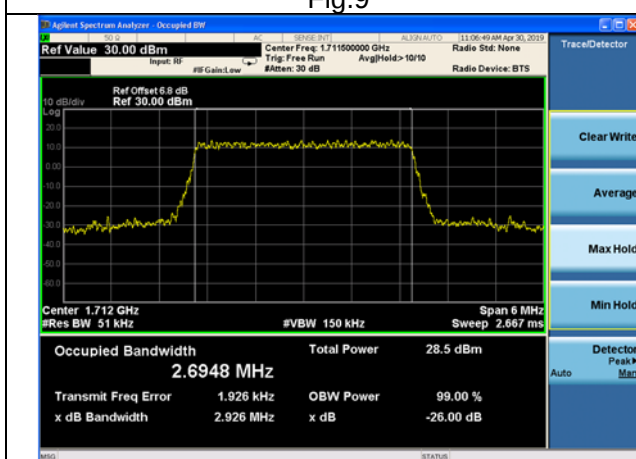


Fig.11

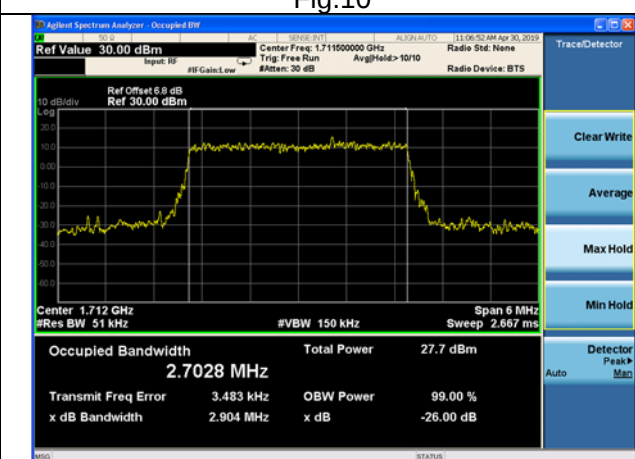


Fig.12

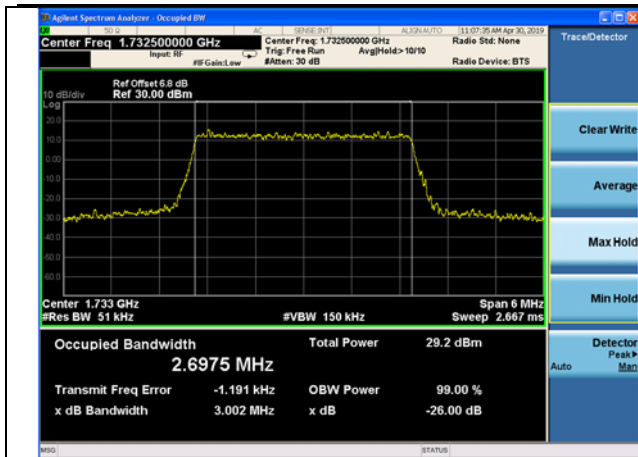


Fig.13

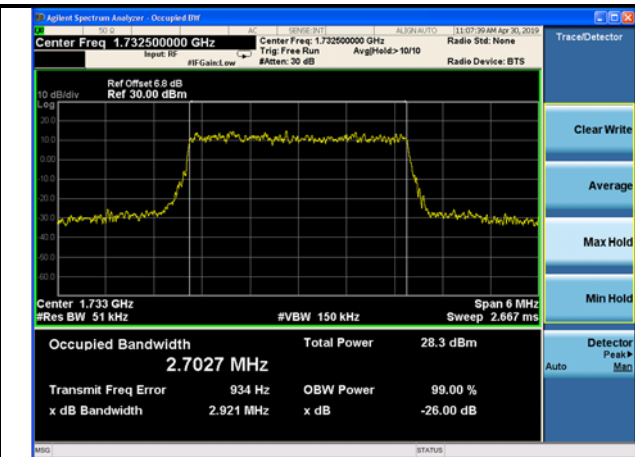


Fig.14

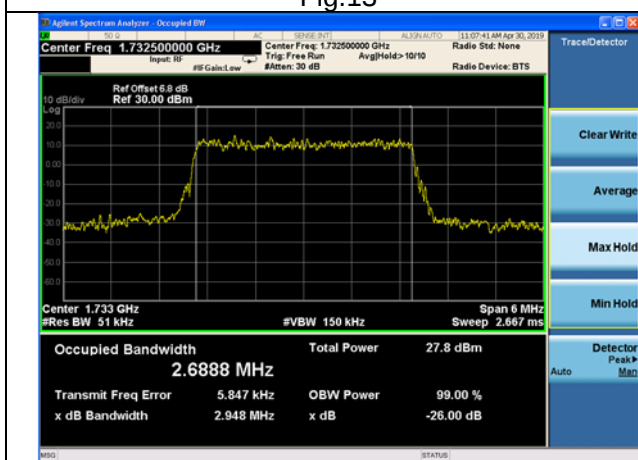


Fig.15

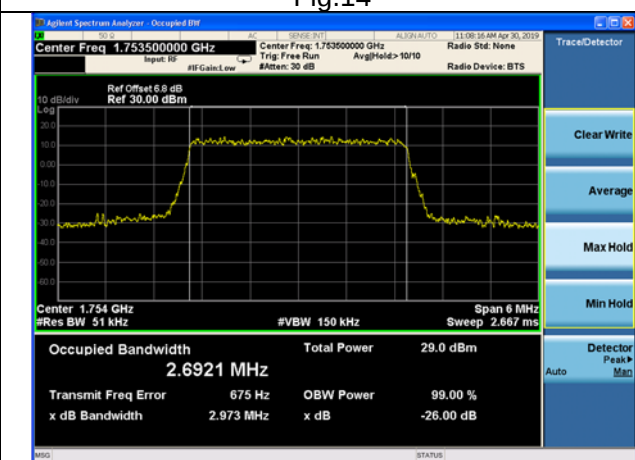


Fig.16

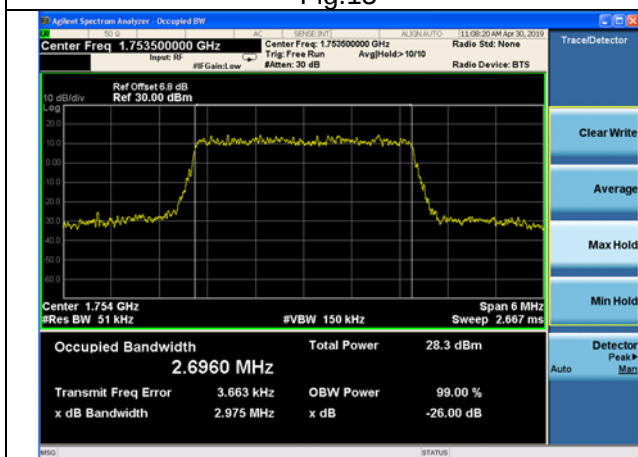


Fig.17

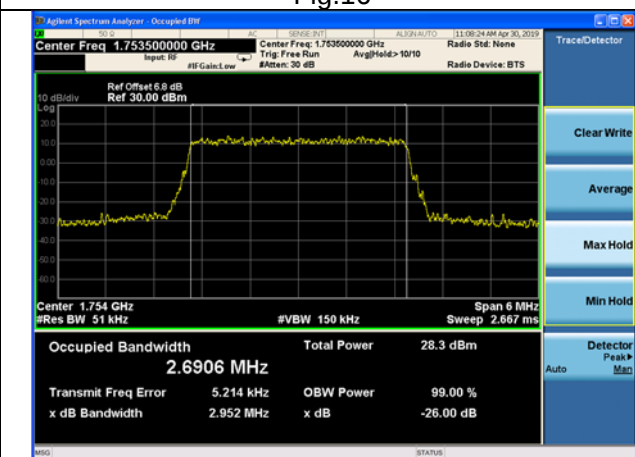


Fig.18

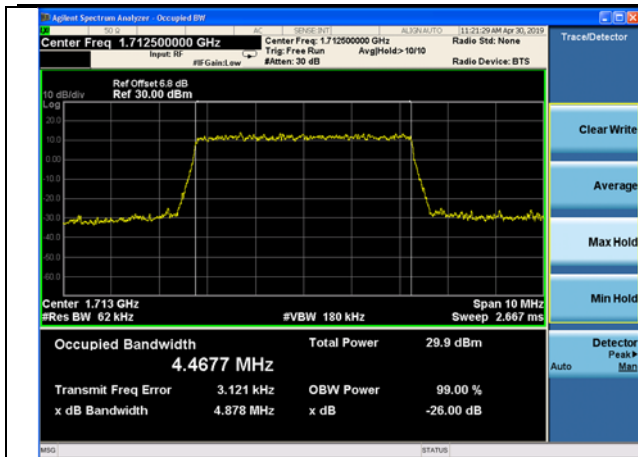


Fig.19

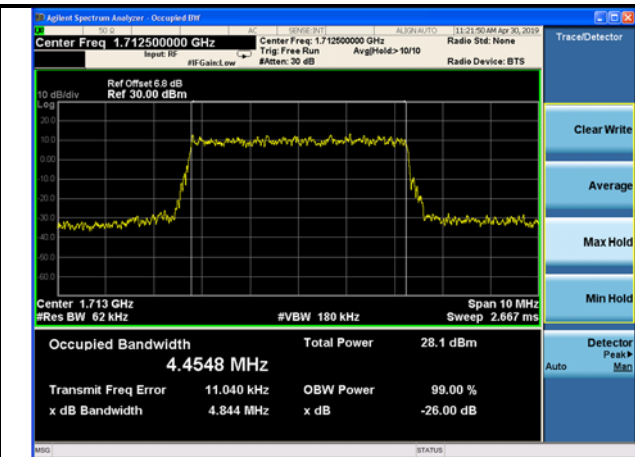


Fig.20

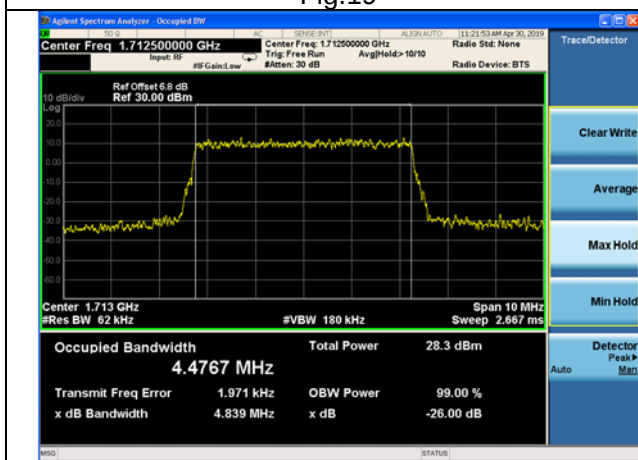


Fig.21

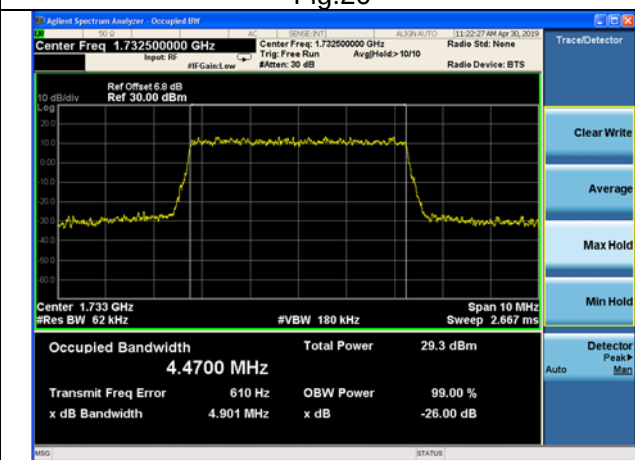


Fig.22

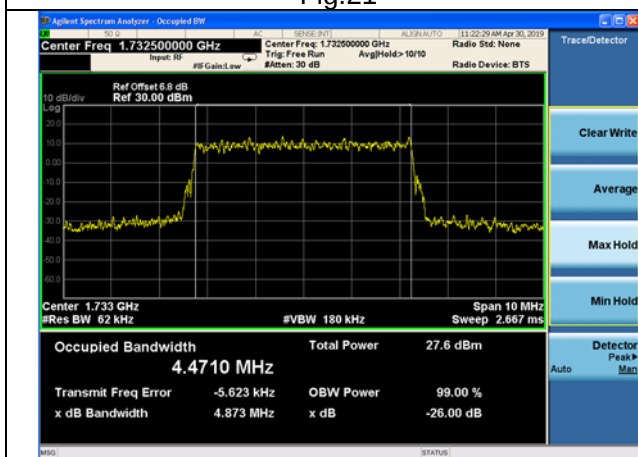


Fig.23

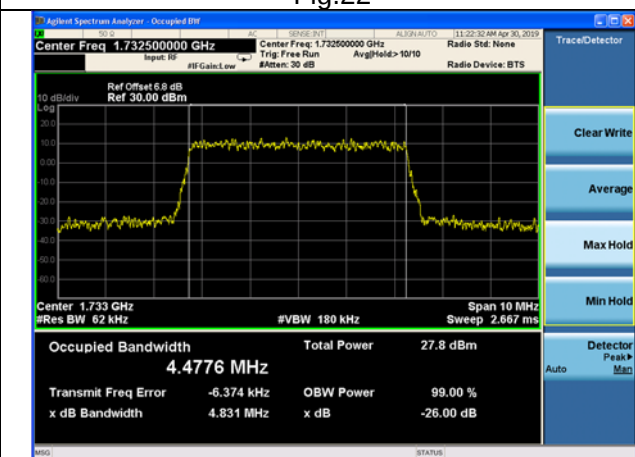


Fig.24