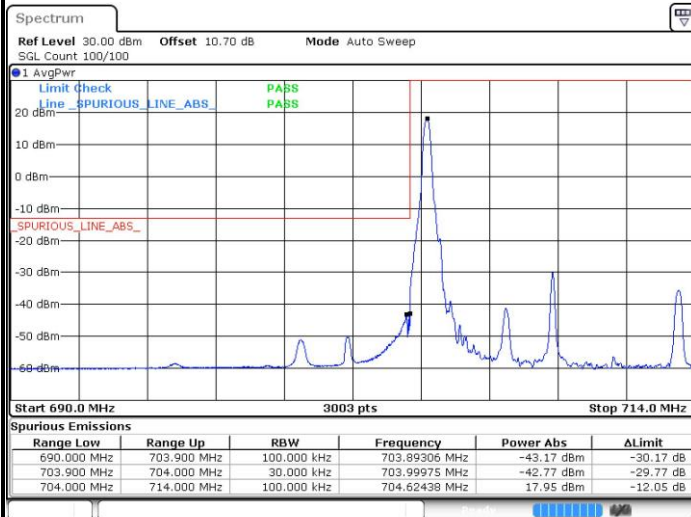


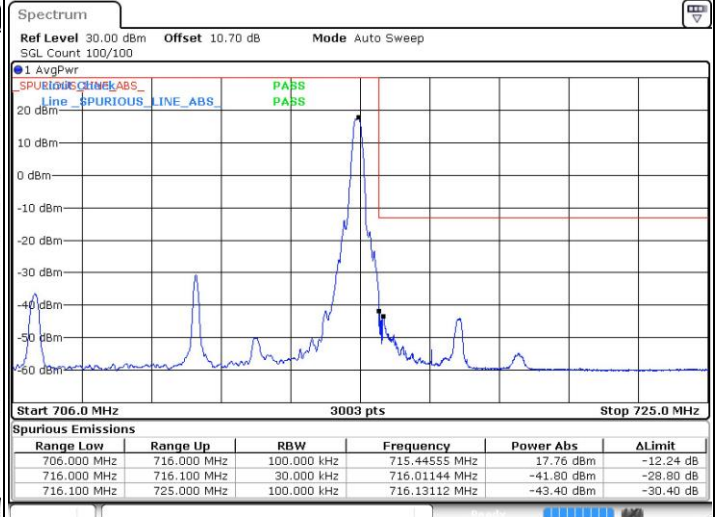


## LTE Band 17 / 10MHz / 64QAM

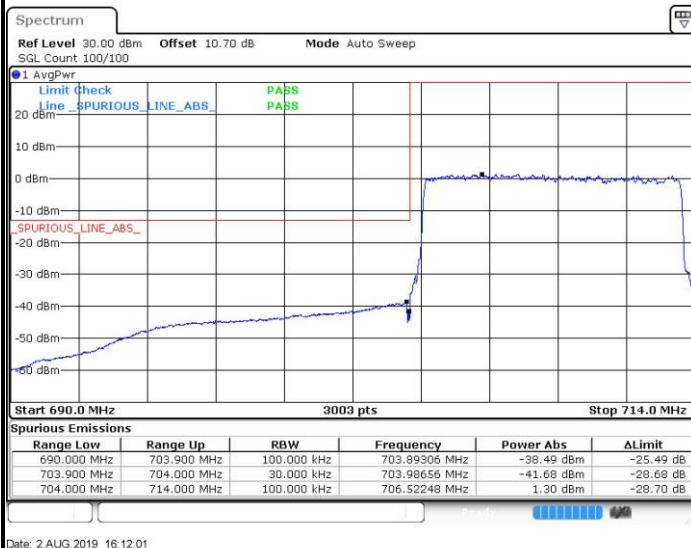
## Lowest Band Edge / 1 RB



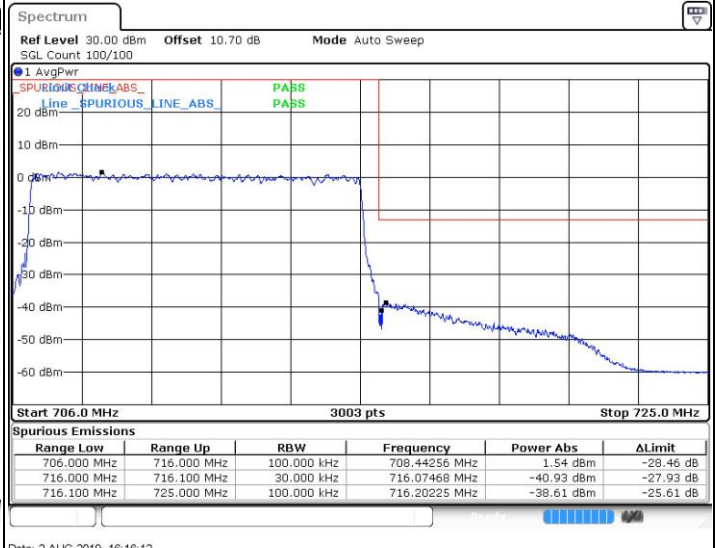
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

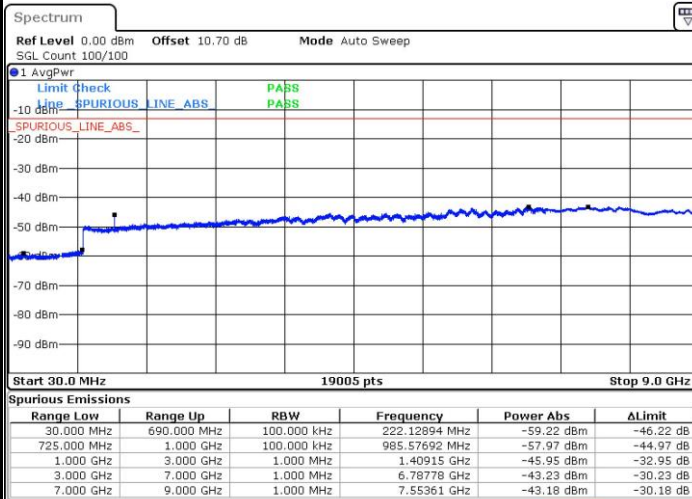




# Conducted Spurious Emission

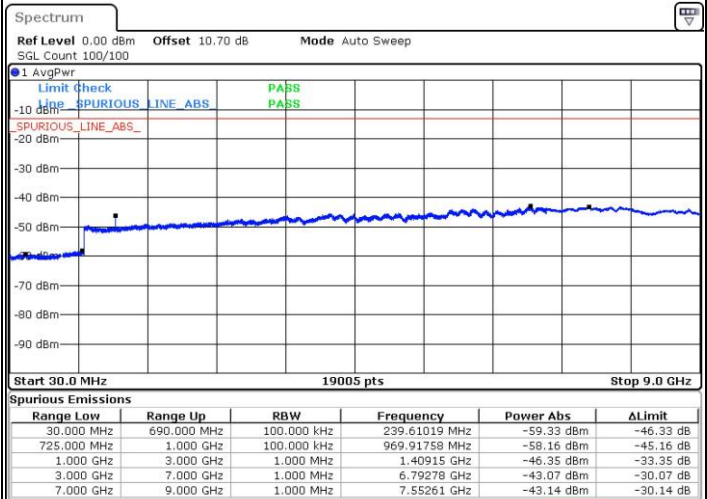
## LTE Band 17 / 5MHz

### Lowest Channel / QPSK



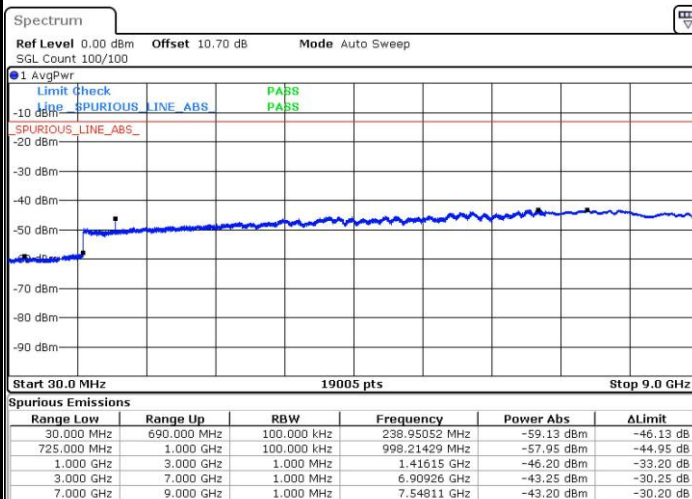
Date: 2 AUG.2019 15:39:18

### Lowest Channel / 16QAM



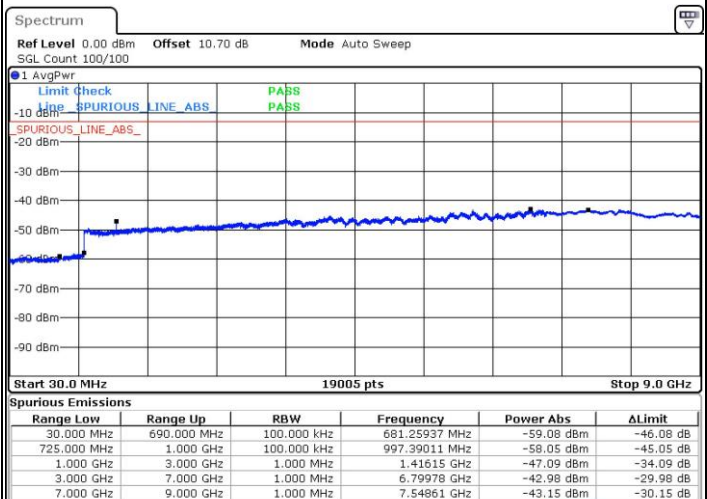
Date: 2 AUG.2019 15:40:19

### Middle Channel / QPSK



Date: 2 AUG.2019 15:42:07

### Middle Channel / 16QAM

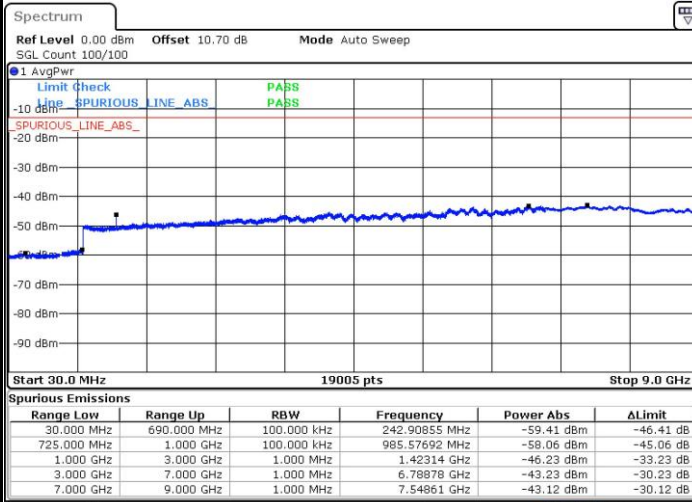


Date: 2 AUG.2019 15:43:08



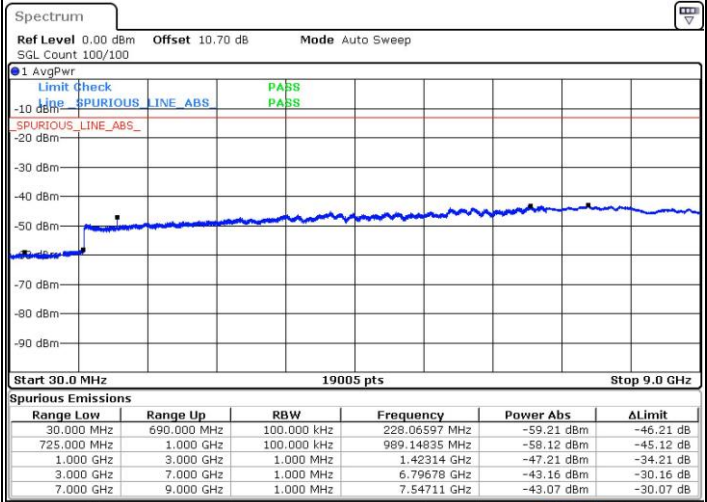
## LTE Band 17 / 5MHz

## Highest Channel / QPSK



Date: 2 AUG. 2019 15:47:43

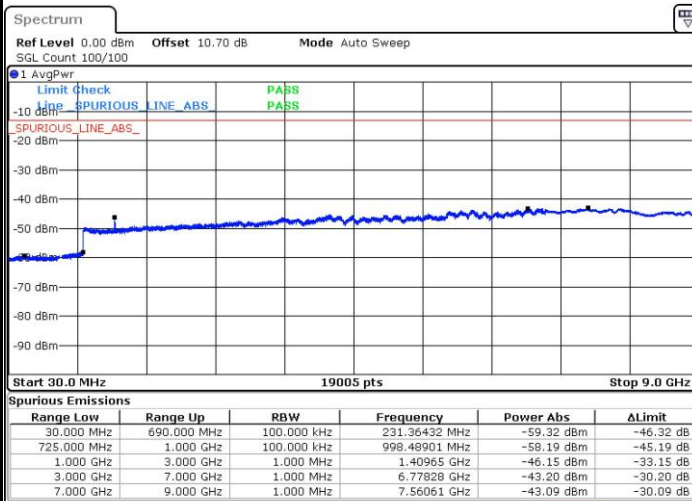
## Highest Channel / 16QAM



Date: 2 AUG. 2019 15:48:44

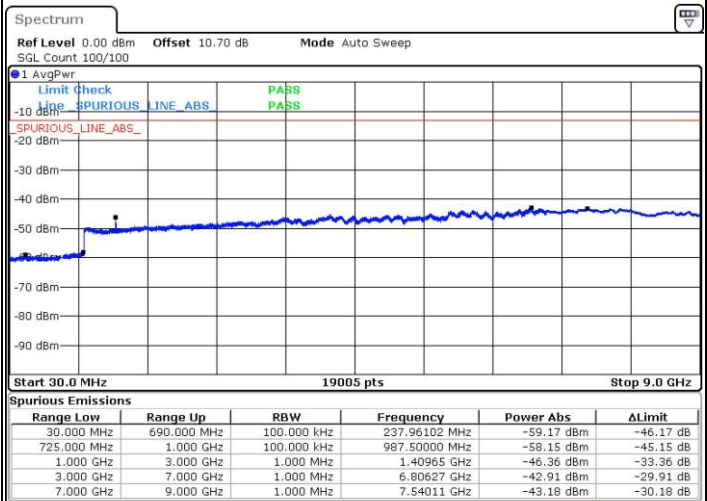
## LTE Band 17 / 10MHz

## Lowest Channel / QPSK



Date: 2 AUG. 2019 15:53:34

## Lowest Channel / 16QAM

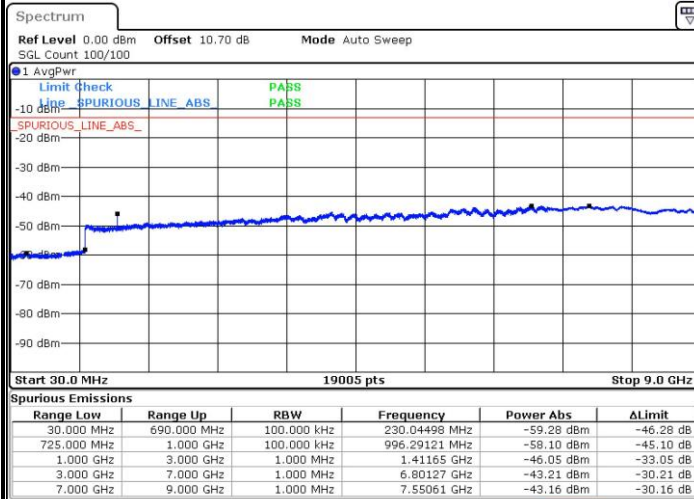


Date: 2 AUG. 2019 15:54:35



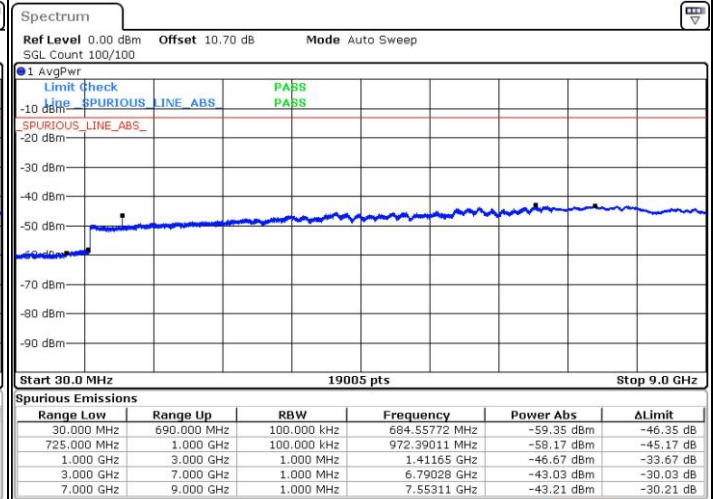
## LTE Band 17 / 10MHz

## Middle Channel / QPSK



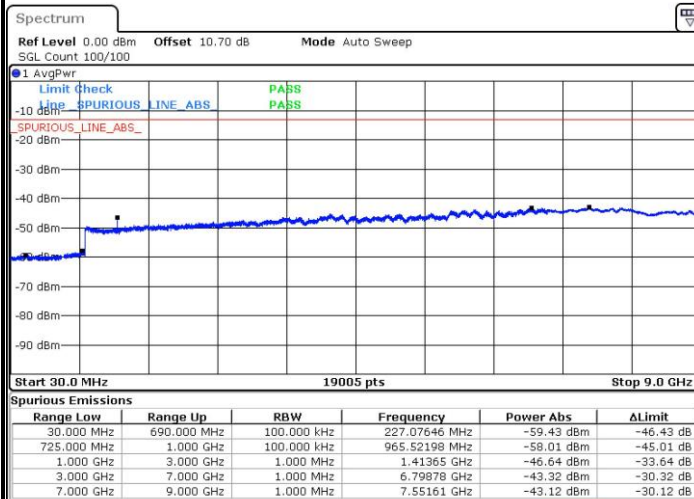
Date: 2 AUG. 2019 15:56:23

## Middle Channel / 16QAM



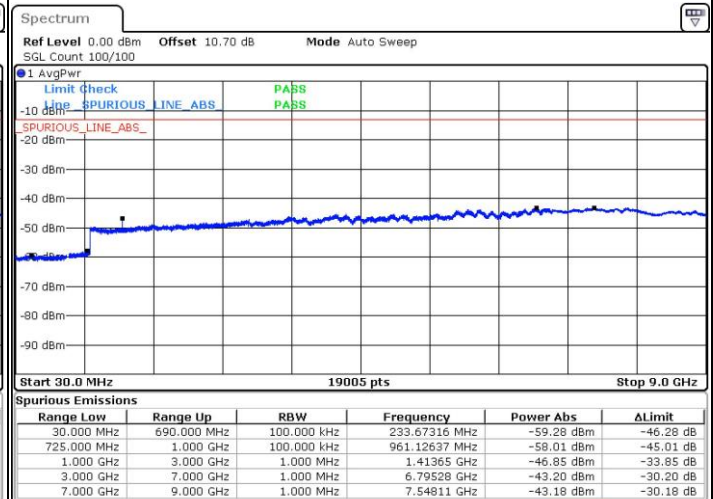
Date: 2 AUG 2019 15:57:24

## Highest Channel / QPSK



Date: 2 AUG. 2019 16:01:58

## Highest Channel / 16QAM

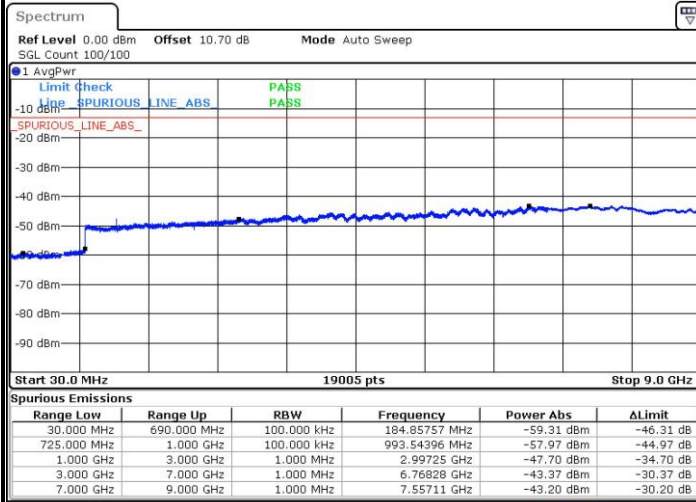


Date: 2 AUG. 2019 16:02:59



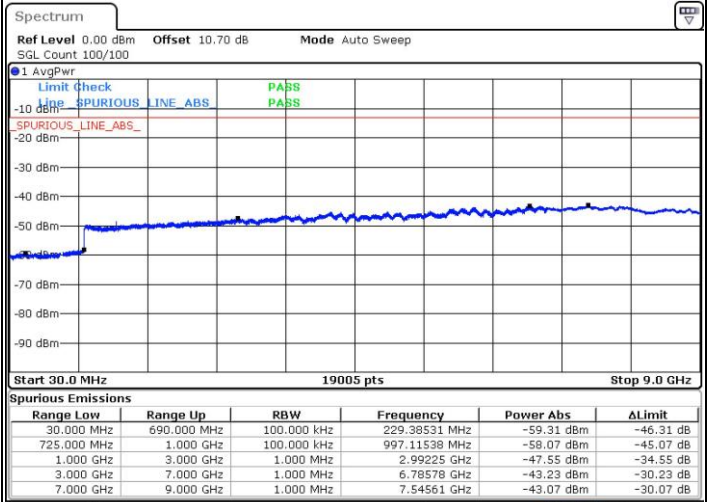
## LTE Band 17 / 5MHz

## Lowest Channel / 64QAM



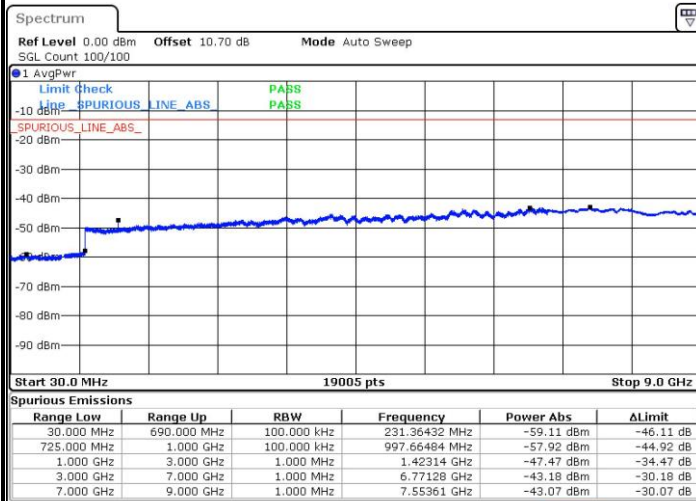
Date: 2 AUG.2019 16:05:55

## Middle Channel / 64QAM



Date: 2 AUG.2019 16:07:19

## Highest Channel / 64QAM

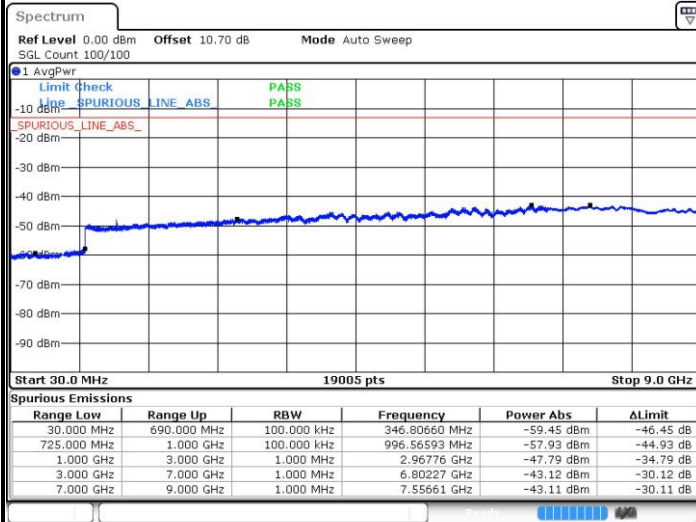


Date: 2 AUG.2019 16:10:07



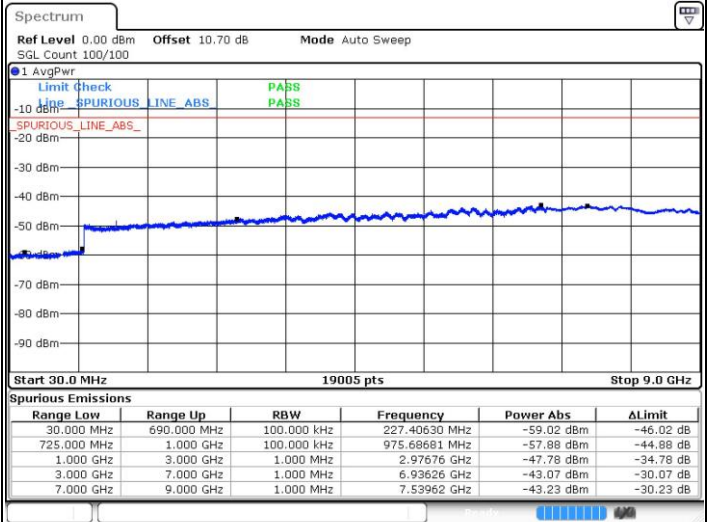
## LTE Band 17 / 10MHz

## Lowest Channel / 64QAM



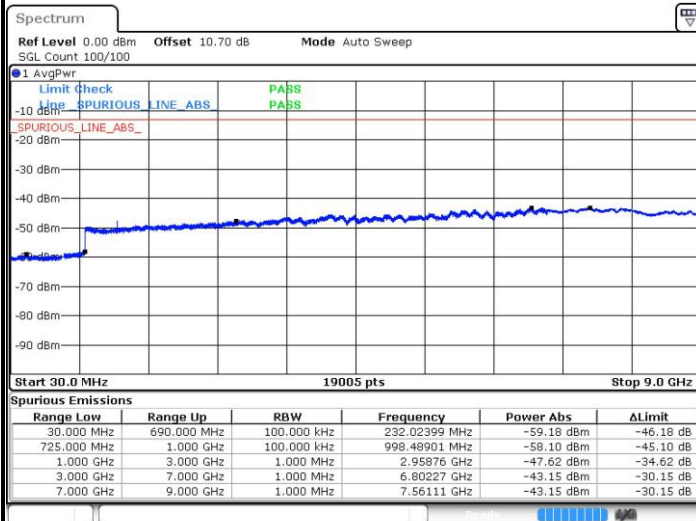
Date: 2 AUG.2019 16:13:02

## Middle Channel / 64QAM



Date: 2 AUG.2019 16:14:27

## Highest Channel / 64QAM



Date: 2 AUG.2019 16:17:14

## Frequency Stability

| Test Conditions  |                   | LTE Band 17 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                            | Note 2. |
|                  |                   | Deviation (ppm)                     | Result  |
| 50               | Normal Voltage    | 0.0003                              | PASS    |
| 40               | Normal Voltage    | 0.0014                              |         |
| 30               | Normal Voltage    | 0.0018                              |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                              |         |
| 10               | Normal Voltage    | 0.0080                              |         |
| 0                | Normal Voltage    | 0.0131                              |         |
| -10              | Normal Voltage    | 0.0001                              |         |
| -20              | Normal Voltage    | 0.0108                              |         |
| -30              | Normal Voltage    | 0.0055                              |         |
| 20               | Maximum Voltage   | 0.0004                              |         |
| 20               | Normal Voltage    | 0.0000                              |         |
| 20               | Battery End Point | 0.0001                              |         |

**Note:**

1. Normal Voltage =4 V. ; Battery End Point (BEP) =3.7 V. ; Maximum Voltage =4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.





## Appendix B. Test Results of ERP and Radiated Test

### ERP

| LTE Band 5 / 1.4MHz (Average) (GT - LC = -6 dB) |          |      |        |             |               |          |        |
|-------------------------------------------------|----------|------|--------|-------------|---------------|----------|--------|
| Channel                                         | Mode     | RB   |        | Conducted   |               | ERP      |        |
|                                                 |          | Size | Offset | Power (dBm) | Power (Watts) | ERP(dBm) | ERP(W) |
| Lowest                                          | QPSK     | 1    | 3      | 23.17       | 0.2075        | 15.02    | 0.0318 |
| Middle                                          |          | 1    | 3      | 23.19       | 0.2084        | 15.04    | 0.0319 |
| Highest                                         |          | 1    | 3      | 23.21       | 0.2094        | 15.06    | 0.0321 |
| Lowest                                          | 16QAM    | 1    | 3      | 22.41       | 0.1742        | 14.26    | 0.0267 |
| Middle                                          |          | 1    | 3      | 22.51       | 0.1782        | 14.36    | 0.0273 |
| Highest                                         |          | 1    | 3      | 22.54       | 0.1795        | 14.39    | 0.0275 |
| Lowest                                          | 64QAM    | 1    | 3      | 21.38       | 0.1374        | 13.23    | 0.0210 |
| Middle                                          |          | 1    | 3      | 21.40       | 0.1380        | 13.25    | 0.0211 |
| Highest                                         |          | 1    | 3      | 21.52       | 0.1419        | 13.37    | 0.0217 |
| Limit                                           | ERP < 7W |      |        | Result      |               | PASS     |        |

| LTE Band 5 / 3MHz (Average) (GT - LC = -6 dB) |          |      |        |             |               |          |        |
|-----------------------------------------------|----------|------|--------|-------------|---------------|----------|--------|
| Channel                                       | Mode     | RB   |        | Conducted   |               | ERP      |        |
|                                               |          | Size | Offset | Power (dBm) | Power (Watts) | ERP(dBm) | ERP(W) |
| Lowest                                        | QPSK     | 1    | 8      | 23.14       | 0.2061        | 14.99    | 0.0316 |
| Middle                                        |          | 1    | 8      | 23.20       | 0.2089        | 15.05    | 0.0320 |
| Highest                                       |          | 1    | 8      | 23.24       | 0.2109        | 15.09    | 0.0323 |
| Lowest                                        | 16QAM    | 1    | 8      | 22.46       | 0.1762        | 14.31    | 0.0270 |
| Middle                                        |          | 1    | 8      | 22.50       | 0.1778        | 14.35    | 0.0272 |
| Highest                                       |          | 1    | 8      | 22.57       | 0.1807        | 14.42    | 0.0277 |
| Lowest                                        | 64QAM    | 1    | 0      | 21.46       | 0.1400        | 13.31    | 0.0214 |
| Middle                                        |          | 1    | 0      | 21.49       | 0.1409        | 13.34    | 0.0216 |
| Highest                                       |          | 1    | 0      | 21.54       | 0.1426        | 13.39    | 0.0218 |
| Limit                                         | ERP < 7W |      |        | Result      |               | PASS     |        |

| LTE Band 5 / 5MHz (Average) (GT - LC = -6 dB) |          |      |        |             |               |          |        |
|-----------------------------------------------|----------|------|--------|-------------|---------------|----------|--------|
| Channel                                       | Mode     | RB   |        | Conducted   |               | ERP      |        |
|                                               |          | Size | Offset | Power (dBm) | Power (Watts) | ERP(dBm) | ERP(W) |
| Lowest                                        | QPSK     | 1    | 0      | 23.20       | 0.2089        | 15.05    | 0.0320 |
| Middle                                        |          | 1    | 0      | 23.24       | 0.2109        | 15.09    | 0.0323 |
| Highest                                       |          | 1    | 0      | 23.20       | 0.2089        | 15.05    | 0.0320 |
| Lowest                                        | 16QAM    | 1    | 0      | 22.52       | 0.1786        | 14.37    | 0.0274 |
| Middle                                        |          | 1    | 0      | 22.59       | 0.1816        | 14.44    | 0.0278 |
| Highest                                       |          | 1    | 0      | 22.60       | 0.1820        | 14.45    | 0.0279 |
| Lowest                                        | 64QAM    | 1    | 0      | 21.43       | 0.1390        | 13.28    | 0.0213 |
| Middle                                        |          | 1    | 0      | 21.56       | 0.1432        | 13.41    | 0.0219 |
| Highest                                       |          | 1    | 0      | 21.54       | 0.1426        | 13.39    | 0.0218 |
| Limit                                         | ERP < 7W |      |        | Result      |               | PASS     |        |





| LTE Band 5 / 10MHz (Average) (GT - LC = -6 dB) |          |      |        |             |               |          |        |
|------------------------------------------------|----------|------|--------|-------------|---------------|----------|--------|
| Channel                                        | Mode     | RB   |        | Conducted   |               | ERP      |        |
|                                                |          | Size | Offset | Power (dBm) | Power (Watts) | ERP(dBm) | ERP(W) |
| Lowest                                         | QPSK     | 1    | 25     | 23.22       | 0.2099        | 15.07    | 0.0321 |
| Middle                                         |          | 1    | 25     | 23.25       | 0.2113        | 15.10    | 0.0324 |
| Highest                                        |          | 1    | 25     | 23.21       | 0.2094        | 15.06    | 0.0321 |
| Lowest                                         | 16QAM    | 1    | 25     | 22.47       | 0.1766        | 14.32    | 0.0270 |
| Middle                                         |          | 1    | 25     | 22.54       | 0.1795        | 14.39    | 0.0275 |
| Highest                                        |          | 1    | 25     | 22.60       | 0.1820        | 14.45    | 0.0279 |
| Lowest                                         | 64QAM    | 1    | 25     | 21.45       | 0.1396        | 13.30    | 0.0214 |
| Middle                                         |          | 1    | 25     | 21.49       | 0.1409        | 13.34    | 0.0216 |
| Highest                                        |          | 1    | 25     | 21.50       | 0.1413        | 13.35    | 0.0216 |
| Limit                                          | ERP < 7W |      |        | Result      |               | PASS     |        |



| LTE Band 12 / 1.4MHz (Average) (GT - LC = -4.6 dB) |          |      |        |             |               |          |        |
|----------------------------------------------------|----------|------|--------|-------------|---------------|----------|--------|
| Channel                                            | Mode     | RB   |        | Conducted   |               | ERP      |        |
|                                                    |          | Size | Offset | Power (dBm) | Power (Watts) | ERP(dBm) | ERP(W) |
| Lowest                                             | QPSK     | 1    | 3      | 22.98       | 0.1986        | 16.23    | 0.0420 |
| Middle                                             |          | 1    | 3      | 23.10       | 0.2042        | 16.35    | 0.0432 |
| Highest                                            |          | 1    | 3      | 23.01       | 0.2000        | 16.26    | 0.0423 |
| Lowest                                             | 16QAM    | 1    | 3      | 22.39       | 0.1734        | 15.64    | 0.0366 |
| Middle                                             |          | 1    | 3      | 22.40       | 0.1738        | 15.65    | 0.0367 |
| Highest                                            |          | 1    | 3      | 22.28       | 0.1690        | 15.53    | 0.0357 |
| Lowest                                             | 64QAM    | 1    | 3      | 21.29       | 0.1346        | 14.54    | 0.0284 |
| Middle                                             |          | 1    | 3      | 21.35       | 0.1365        | 14.60    | 0.0288 |
| Highest                                            |          | 1    | 3      | 21.24       | 0.1330        | 14.49    | 0.0281 |
| Limit                                              | ERP < 3W |      |        | Result      |               | PASS     |        |

| LTE Band 12 / 3MHz (Average) (GT - LC = -4.6 dB) |          |      |        |             |               |          |        |
|--------------------------------------------------|----------|------|--------|-------------|---------------|----------|--------|
| Channel                                          | Mode     | RB   |        | Conducted   |               | ERP      |        |
|                                                  |          | Size | Offset | Power (dBm) | Power (Watts) | ERP(dBm) | ERP(W) |
| Lowest                                           | QPSK     | 1    | 14     | 23.10       | 0.2042        | 16.35    | 0.0432 |
| Middle                                           |          | 1    | 14     | 23.00       | 0.1995        | 16.25    | 0.0422 |
| Highest                                          |          | 1    | 14     | 23.00       | 0.1995        | 16.25    | 0.0422 |
| Lowest                                           | 16QAM    | 1    | 14     | 22.46       | 0.1762        | 15.71    | 0.0372 |
| Middle                                           |          | 1    | 14     | 22.35       | 0.1718        | 15.60    | 0.0363 |
| Highest                                          |          | 1    | 14     | 22.24       | 0.1675        | 15.49    | 0.0354 |
| Lowest                                           | 64QAM    | 1    | 0      | 21.28       | 0.1343        | 14.53    | 0.0284 |
| Middle                                           |          | 1    | 0      | 21.42       | 0.1387        | 14.67    | 0.0293 |
| Highest                                          |          | 1    | 0      | 21.34       | 0.1361        | 14.59    | 0.0288 |
| Limit                                            | ERP < 3W |      |        | Result      |               | PASS     |        |

| LTE Band 12 / 5MHz (Average) (GT - LC = -4.6 dB) |          |      |        |             |               |          |        |
|--------------------------------------------------|----------|------|--------|-------------|---------------|----------|--------|
| Channel                                          | Mode     | RB   |        | Conducted   |               | ERP      |        |
|                                                  |          | Size | Offset | Power (dBm) | Power (Watts) | ERP(dBm) | ERP(W) |
| Lowest                                           | QPSK     | 1    | 12     | 23.11       | 0.2046        | 16.36    | 0.0433 |
| Middle                                           |          | 1    | 12     | 23.06       | 0.2023        | 16.31    | 0.0428 |
| Highest                                          |          | 1    | 12     | 22.99       | 0.1991        | 16.24    | 0.0421 |
| Lowest                                           | 16QAM    | 1    | 12     | 22.42       | 0.1746        | 15.67    | 0.0369 |
| Middle                                           |          | 1    | 12     | 22.34       | 0.1714        | 15.59    | 0.0362 |
| Highest                                          |          | 1    | 12     | 22.33       | 0.1710        | 15.58    | 0.0361 |
| Lowest                                           | 64QAM    | 1    | 12     | 21.43       | 0.1390        | 14.68    | 0.0294 |
| Middle                                           |          | 1    | 12     | 21.33       | 0.1358        | 14.58    | 0.0287 |
| Highest                                          |          | 1    | 12     | 21.34       | 0.1361        | 14.59    | 0.0288 |
| Limit                                            | ERP < 3W |      |        | Result      |               | PASS     |        |



| LTE Band 12 / 10MHz (Average) (GT - LC = -4.6 dB) |          |      |        |             |               |          |        |
|---------------------------------------------------|----------|------|--------|-------------|---------------|----------|--------|
| Channel                                           | Mode     | RB   |        | Conducted   |               | ERP      |        |
|                                                   |          | Size | Offset | Power (dBm) | Power (Watts) | ERP(dBm) | ERP(W) |
| Lowest                                            | QPSK     | 1    | 0      | 22.99       | 0.1991        | 16.24    | 0.0421 |
| Middle                                            |          | 1    | 0      | 23.10       | 0.2042        | 16.35    | 0.0432 |
| Highest                                           |          | 1    | 0      | 23.15       | 0.2065        | 16.40    | 0.0437 |
| Lowest                                            | 16QAM    | 1    | 25     | 22.41       | 0.1742        | 15.66    | 0.0368 |
| Middle                                            |          | 1    | 25     | 22.46       | 0.1762        | 15.71    | 0.0372 |
| Highest                                           |          | 1    | 25     | 22.43       | 0.1750        | 15.68    | 0.0370 |
| Lowest                                            | 64QAM    | 1    | 0      | 21.26       | 0.1337        | 14.51    | 0.0282 |
| Middle                                            |          | 1    | 0      | 21.37       | 0.1371        | 14.62    | 0.0290 |
| Highest                                           |          | 1    | 0      | 21.44       | 0.1393        | 14.69    | 0.0294 |
| Limit                                             | ERP < 3W |      |        | Result      |               | PASS     |        |

| LTE Band 17 / 5MHz (Average) (GT - LC = -4.6 dB) |          |      |        |             |               |          |        |
|--------------------------------------------------|----------|------|--------|-------------|---------------|----------|--------|
| Channel                                          | Mode     | RB   |        | Conducted   |               | ERP      |        |
|                                                  |          | Size | Offset | Power (dBm) | Power (Watts) | ERP(dBm) | ERP(W) |
| Lowest                                           | QPSK     | 1    | 0      | 23.01       | 0.2000        | 16.26    | 0.0423 |
| Middle                                           |          | 1    | 0      | 23.07       | 0.2028        | 16.32    | 0.0429 |
| Highest                                          |          | 1    | 0      | 23.13       | 0.2056        | 16.38    | 0.0435 |
| Lowest                                           | 16QAM    | 1    | 0      | 22.33       | 0.1710        | 15.58    | 0.0361 |
| Middle                                           |          | 1    | 0      | 22.36       | 0.1722        | 15.61    | 0.0364 |
| Highest                                          |          | 1    | 0      | 22.50       | 0.1778        | 15.75    | 0.0376 |
| Lowest                                           | 64QAM    | 1    | 0      | 21.33       | 0.1358        | 14.58    | 0.0287 |
| Middle                                           |          | 1    | 0      | 21.38       | 0.1374        | 14.63    | 0.0290 |
| Highest                                          |          | 1    | 0      | 21.42       | 0.1387        | 14.67    | 0.0293 |
| Limit                                            | ERP < 3W |      |        | Result      |               | PASS     |        |

| LTE Band 17 / 10MHz (Average) (GT - LC = -4.6 dB) |          |      |        |             |               |          |        |
|---------------------------------------------------|----------|------|--------|-------------|---------------|----------|--------|
| Channel                                           | Mode     | RB   |        | Conducted   |               | ERP      |        |
|                                                   |          | Size | Offset | Power (dBm) | Power (Watts) | ERP(dBm) | ERP(W) |
| Lowest                                            | QPSK     | 1    | 0      | 23.08       | 0.2032        | 16.33    | 0.0430 |
| Middle                                            |          | 1    | 0      | 23.07       | 0.2028        | 16.32    | 0.0429 |
| Highest                                           |          | 1    | 0      | 23.15       | 0.2065        | 16.40    | 0.0437 |
| Lowest                                            | 16QAM    | 1    | 0      | 22.43       | 0.1750        | 15.68    | 0.0370 |
| Middle                                            |          | 1    | 0      | 22.42       | 0.1746        | 15.67    | 0.0369 |
| Highest                                           |          | 1    | 0      | 22.47       | 0.1766        | 15.72    | 0.0373 |
| Lowest                                            | 64QAM    | 1    | 0      | 21.36       | 0.1368        | 14.61    | 0.0289 |
| Middle                                            |          | 1    | 0      | 21.33       | 0.1358        | 14.58    | 0.0287 |
| Highest                                           |          | 1    | 0      | 21.39       | 0.1377        | 14.64    | 0.0291 |
| Limit                                             | ERP < 3W |      |        | Result      |               | PASS     |        |

**Radiated Spurious Emission****Part 22H LTE Band 5**

| LTE Band 5 / 10MHz / QPSK |                      |                |                  |                         |                         |                          |                            |                             |                       |
|---------------------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                   | Frequency<br>( MHz ) | ERP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                    | 1656                 | -57.70         | -13              | -44.70                  | -68.43                  | -63.11                   | 1.23                       | 8.79                        | H                     |
|                           | 2487                 | -61.46         | -13              | -48.46                  | -75.95                  | -68.36                   | 1.44                       | 10.49                       | H                     |
|                           | 3320                 | -60.54         | -13              | -47.54                  | -76.45                  | -68.53                   | 1.72                       | 11.86                       | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           | 1656                 | -61.27         | -13              | -48.27                  | -71.87                  | -66.68                   | 1.23                       | 8.79                        | V                     |
|                           | 2487                 | -60.74         | -13              | -47.74                  | -75.46                  | -67.64                   | 1.44                       | 10.49                       | V                     |
|                           | 3320                 | -60.03         | -13              | -47.03                  | -76.4                   | -68.02                   | 1.72                       | 11.86                       | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
| Middle                    | 1672                 | -58.54         | -13              | -45.54                  | -69.3                   | -64.01                   | 1.24                       | 8.85                        | H                     |
|                           | 2509                 | -61.05         | -13              | -48.05                  | -75.52                  | -67.97                   | 1.44                       | 10.51                       | H                     |
|                           | 3346                 | -60.55         | -13              | -47.55                  | -76.29                  | -68.59                   | 1.74                       | 11.94                       | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           | 1672                 | -61.25         | -13              | -48.25                  | -71.9                   | -66.72                   | 1.24                       | 8.85                        | V                     |
|                           | 2509                 | -61.33         | -13              | -48.33                  | -75.99                  | -68.25                   | 1.44                       | 10.51                       | V                     |
|                           | 3346                 | -59.84         | -13              | -46.84                  | -76.11                  | -67.88                   | 1.74                       | 11.94                       | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
| Highest                   | 1688                 | -55.67         | -13              | -42.67                  | -66.46                  | -61.19                   | 1.24                       | 8.91                        | H                     |
|                           | 2532                 | -61.50         | -13              | -48.50                  | -75.99                  | -68.43                   | 1.44                       | 10.53                       | H                     |
|                           | 3376                 | -60.88         | -13              | -47.88                  | -76.43                  | -68.99                   | 1.77                       | 12.03                       | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           | 1688                 | -58.59         | -13              | -45.59                  | -69.28                  | -64.11                   | 1.24                       | 8.91                        | V                     |
|                           | 2532                 | -61.24         | -13              | -48.24                  | -75.94                  | -68.17                   | 1.44                       | 10.53                       | V                     |
|                           | 3376                 | -60.14         | -13              | -47.14                  | -76.3                   | -68.25                   | 1.77                       | 12.03                       | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

**Part 27H LTE Band 12**

| LTE Band 12 / 10MHz / QPSK |                      |                |                  |                         |                         |                          |                            |                             |                       |
|----------------------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                    | Frequency<br>( MHz ) | ERP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                     | 1400                 | -62.15         | -13              | -49.15                  | -74.20                  | -66.59                   | 1.15                       | 7.74                        | H                     |
|                            | 2096                 | -61.58         | -13              | -48.58                  | -76.05                  | -68.23                   | 1.38                       | 10.18                       | H                     |
|                            | 2798                 | -60.80         | -13              | -47.80                  | -76.17                  | -67.94                   | 1.45                       | 10.74                       | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            | 1400                 | -62.28         | -13              | -49.28                  | -73.76                  | -66.72                   | 1.15                       | 7.74                        | V                     |
|                            | 2096                 | -60.91         | -13              | -47.91                  | -75.63                  | -67.56                   | 1.38                       | 10.18                       | V                     |
|                            | 2798                 | -60.33         | -13              | -47.33                  | -76.11                  | -67.47                   | 1.45                       | 10.74                       | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
| Middle                     | 1408                 | -62.35         | -13              | -49.35                  | -74.36                  | -66.83                   | 1.15                       | 7.78                        | H                     |
|                            | 2109                 | -61.34         | -13              | -48.34                  | -76.03                  | -68.00                   | 1.38                       | 10.19                       | H                     |
|                            | 2808                 | -60.28         | -13              | -47.28                  | -75.67                  | -67.42                   | 1.45                       | 10.75                       | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            | 1408                 | -62.64         | -13              | -49.64                  | -74.11                  | -67.12                   | 1.15                       | 7.78                        | V                     |
|                            | 2109                 | -61.23         | -13              | -48.23                  | -76.20                  | -67.89                   | 1.38                       | 10.19                       | V                     |
|                            | 2808                 | -60.19         | -13              | -47.19                  | -75.99                  | -67.33                   | 1.45                       | 10.75                       | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
| Highest                    | 1413                 | -62.01         | -13              | -49.01                  | -74.00                  | -66.51                   | 1.15                       | 7.80                        | H                     |
|                            | 2119                 | -61.18         | -13              | -48.18                  | -76.04                  | -67.85                   | 1.38                       | 10.20                       | H                     |
|                            | 2824                 | -60.66         | -13              | -47.66                  | -76.08                  | -67.82                   | 1.45                       | 10.76                       | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            | 1413                 | -62.91         | -13              | -49.91                  | -74.37                  | -67.41                   | 1.15                       | 7.80                        | V                     |
|                            | 2119                 | -60.74         | -13              | -47.74                  | -75.90                  | -67.41                   | 1.38                       | 10.20                       | V                     |
|                            | 2824                 | -60.12         | -13              | -47.12                  | -75.96                  | -67.28                   | 1.45                       | 10.76                       | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

**Part 27H LTE Band 17**

| LTE Band 17 / 10MHz / QPSK |                      |                |                  |                         |                         |                          |                            |                             |                       |
|----------------------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                    | Frequency<br>( MHz ) | ERP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                     | 1408                 | -61.85         | -13              | -48.85                  | -73.86                  | -66.33                   | 1.15                       | 7.78                        | H                     |
|                            | 2113                 | -61.53         | -13              | -48.53                  | -76.29                  | -68.19                   | 1.38                       | 10.19                       | H                     |
|                            | 2818                 | -60.09         | -13              | -47.09                  | -75.51                  | -67.24                   | 1.45                       | 10.75                       | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            | 1408                 | -62.89         | -13              | -49.89                  | -74.36                  | -67.37                   | 1.15                       | 7.78                        | V                     |
|                            | 2113                 | -61.13         | -13              | -48.13                  | -76.17                  | -67.79                   | 1.38                       | 10.19                       | V                     |
|                            | 2818                 | -60.42         | -13              | -47.42                  | -76.25                  | -67.57                   | 1.45                       | 10.75                       | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
| Middle                     | 1408                 | -61.66         | -13              | -48.66                  | -73.67                  | -66.14                   | 1.15                       | 7.78                        | H                     |
|                            | 2116                 | -60.99         | -13              | -47.99                  | -75.80                  | -67.65                   | 1.38                       | 10.19                       | H                     |
|                            | 2824                 | -60.78         | -13              | -47.78                  | -76.20                  | -67.94                   | 1.45                       | 10.76                       | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            | 1408                 | -62.89         | -13              | -49.89                  | -74.36                  | -67.37                   | 1.15                       | 7.78                        | V                     |
|                            | 2116                 | -60.89         | -13              | -47.89                  | -75.99                  | -67.55                   | 1.38                       | 10.19                       | V                     |
|                            | 2824                 | -60.35         | -13              | -47.35                  | -76.19                  | -67.51                   | 1.45                       | 10.76                       | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
| Highest                    | 1416                 | -62.17         | -13              | -49.17                  | -74.16                  | -66.68                   | 1.15                       | 7.81                        | H                     |
|                            | 2119                 | -60.94         | -13              | -47.94                  | -75.80                  | -67.61                   | 1.38                       | 10.20                       | H                     |
|                            | 2824                 | -60.51         | -13              | -47.51                  | -75.93                  | -67.67                   | 1.45                       | 10.76                       | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            | 1416                 | -62.83         | -13              | -49.83                  | -74.29                  | -67.34                   | 1.15                       | 7.81                        | V                     |
|                            | 2119                 | -60.89         | -13              | -47.89                  | -76.05                  | -67.56                   | 1.38                       | 10.20                       | V                     |
|                            | 2824                 | -60.56         | -13              | -47.56                  | -76.40                  | -67.72                   | 1.45                       | 10.76                       | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.