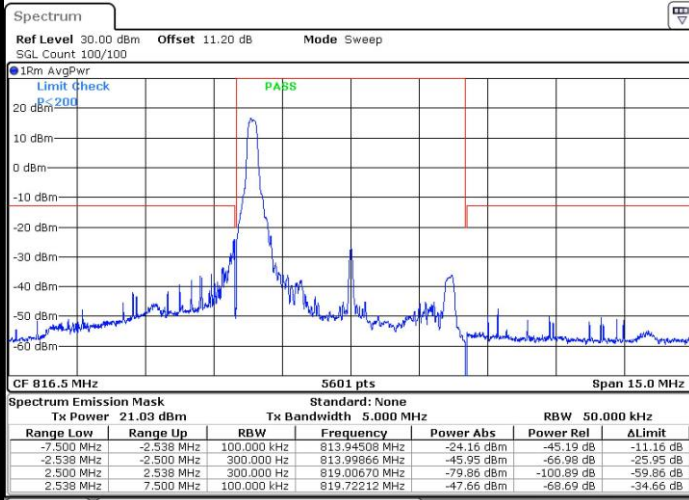


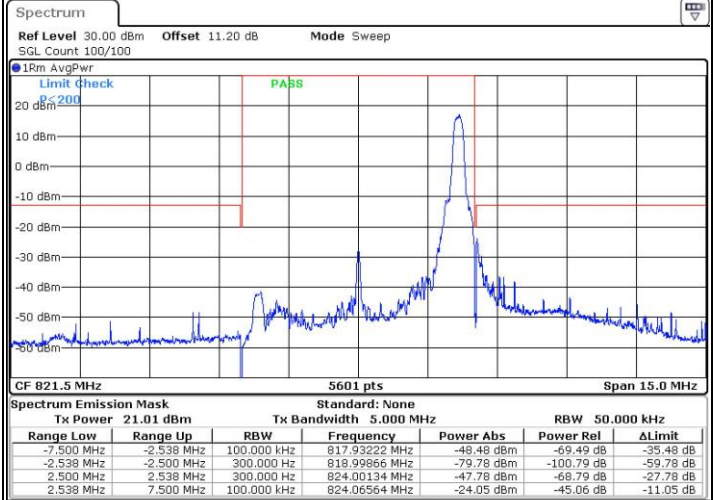


## LTE Band 26 / 5MHz / 16QAM

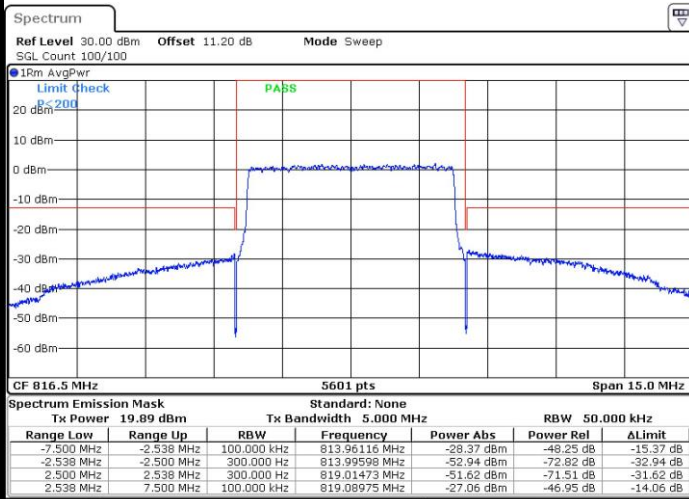
## Lowest Band Edge / 1RB



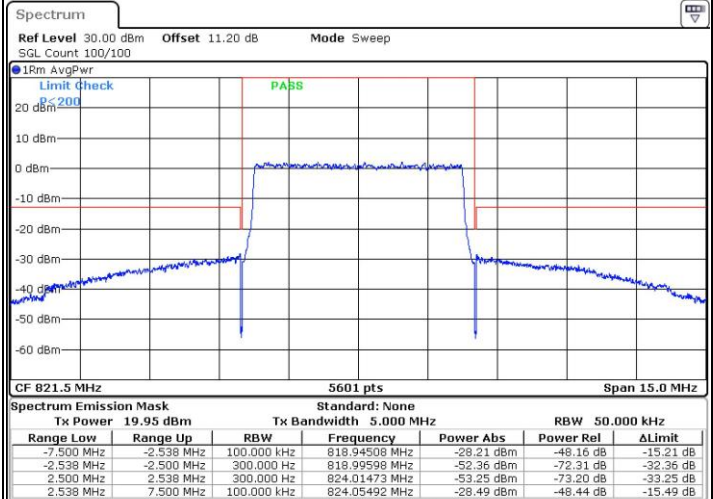
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



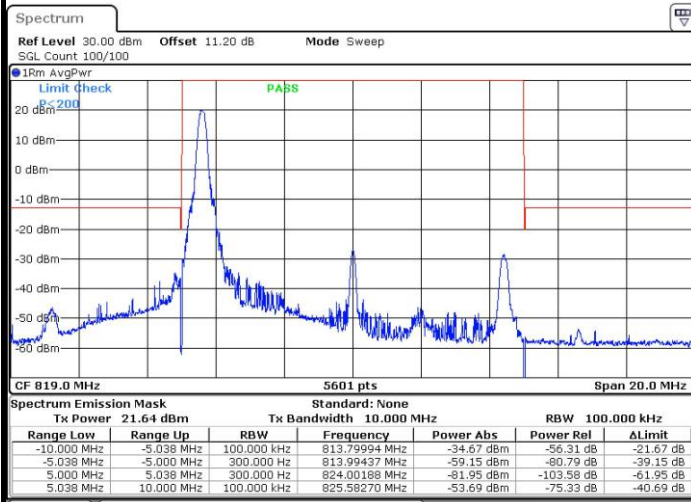
## Highest Band Edge / Full RB





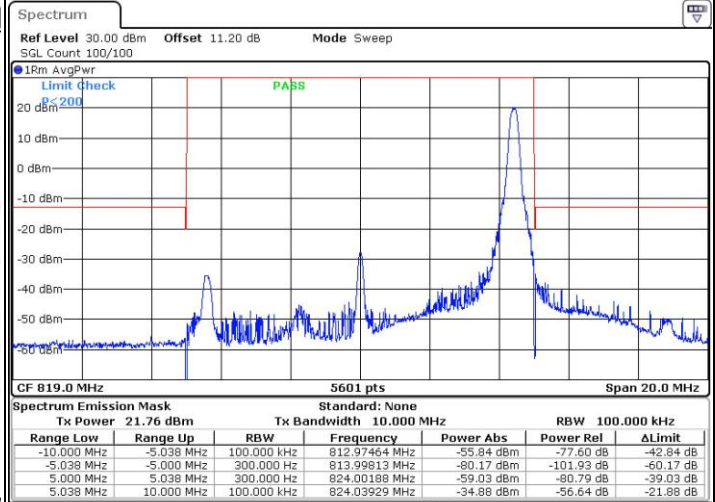
## LTE Band 26 / 10MHz / QPSK

## Lowest Band Edge / 1 RB



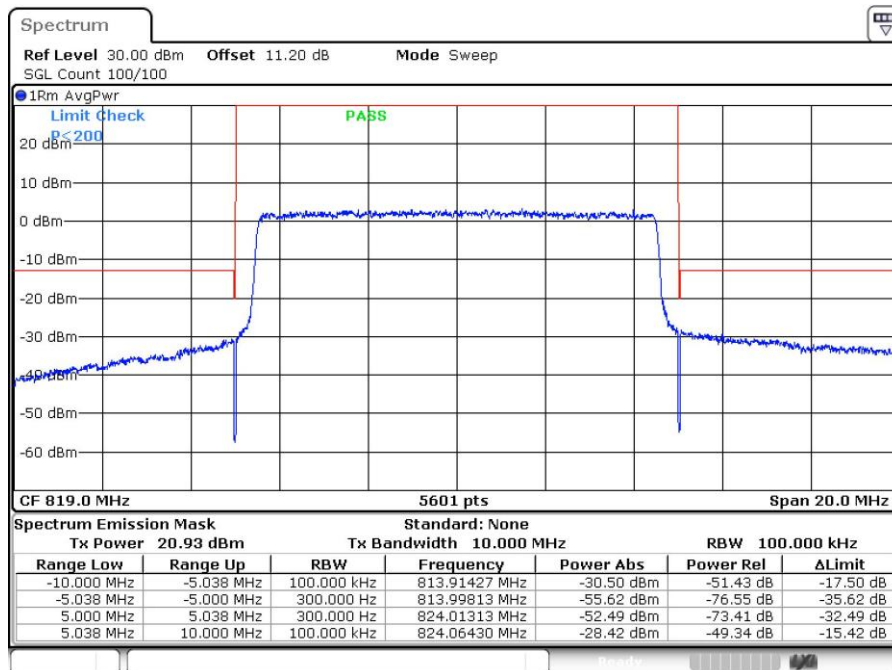
Date: 21.JUN.2019 23:22:48

## Highest Band Edge / 1 RB



Date: 21.JUN.2019 23:24:39

## Band Edge / Full RB

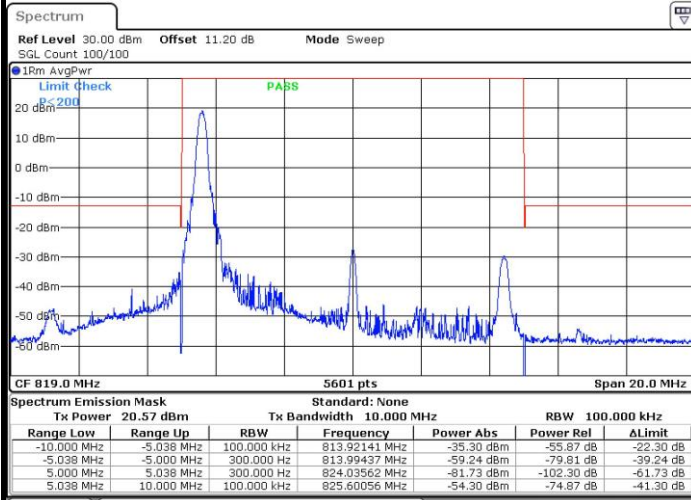


Date: 21.JUN.2019 23:26:30



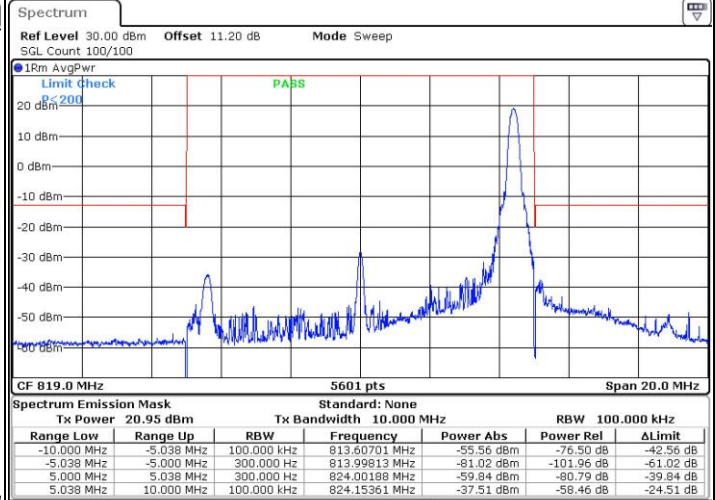
## LTE Band 26 / 10MHz / 16QAM

## Lowest Band Edge / 1 RB



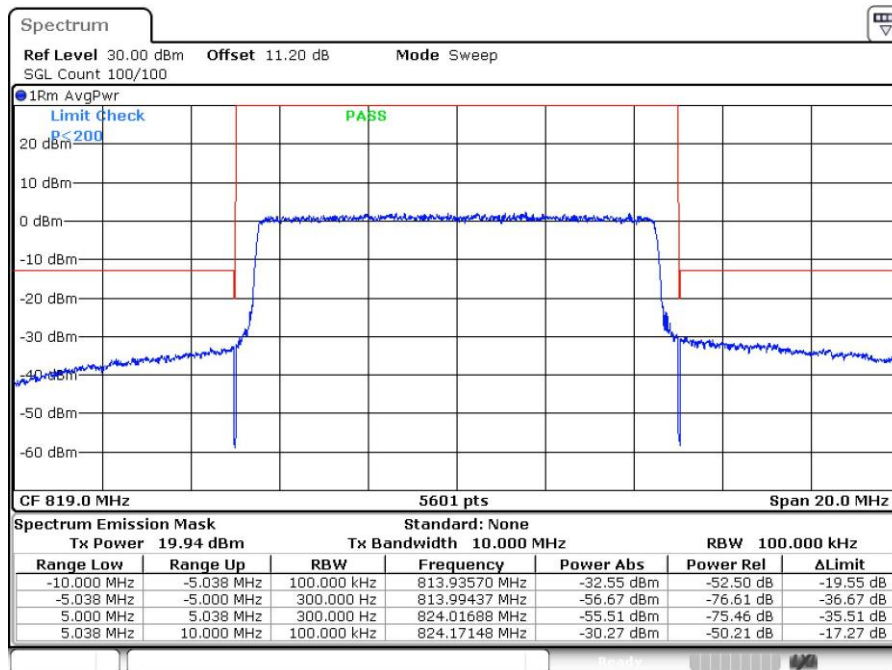
Date: 21.JUN.2019 23:23:43

## Highest Band Edge / 1 RB



Date: 21.JUN.2019 23:25:35

## Band Edge / Full RB

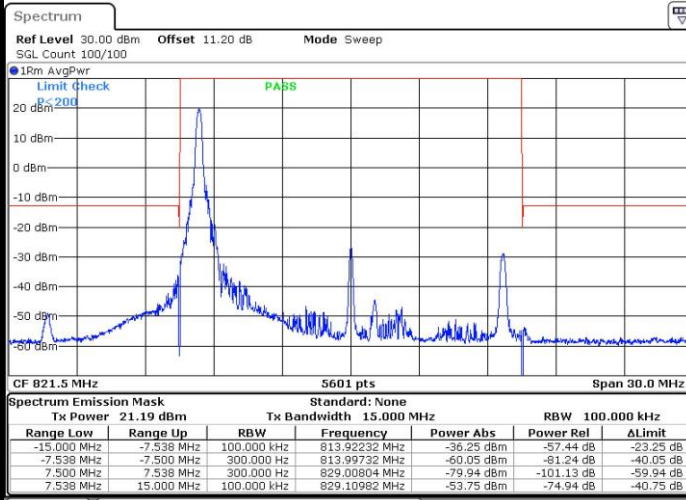


Date: 21.JUN.2019 23:27:26



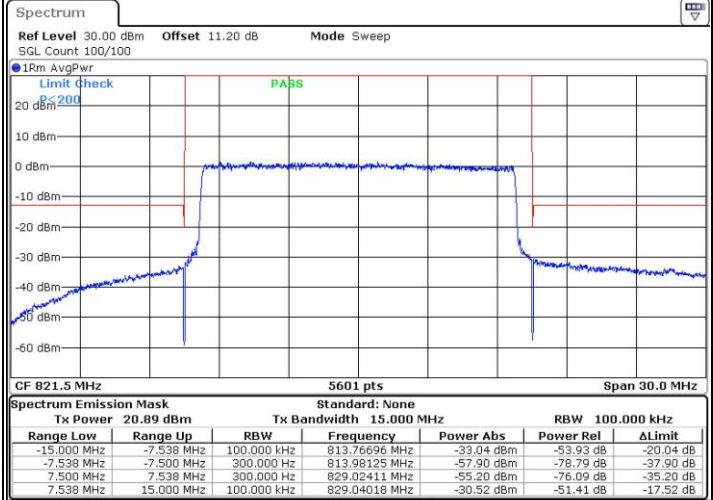
## LTE Band 26 / 15MHz QPSK

## Lowest Band Edge / 1 RB



Date: 21.JUN.2019 23:28:21

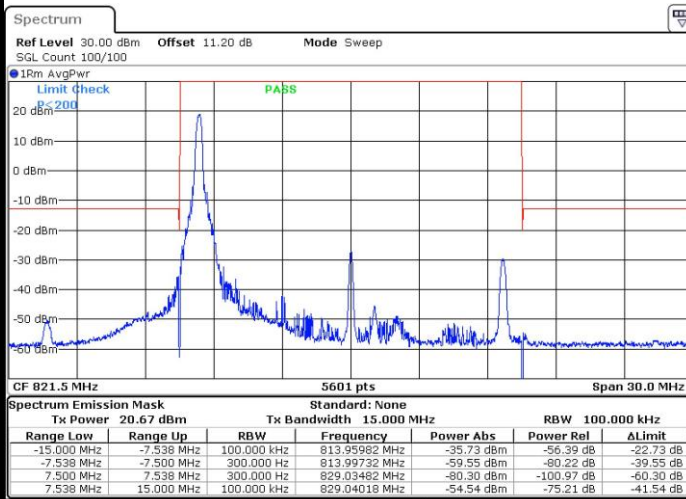
## Lowest Band Edge / Full RB



Date: 21.JUN.2019 23:32:03

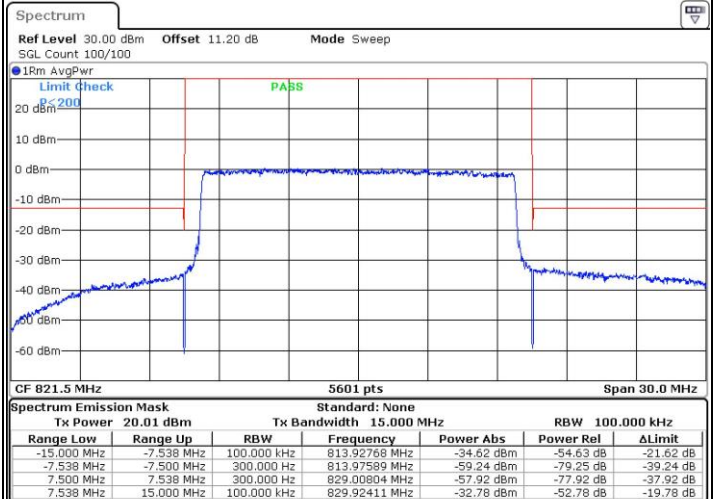
## LTE Band 26 / 15MHz 16QAM

## Lowest Band Edge / 1 RB



Date: 21.JUN.2019 23:29:17

## Lowest Band Edge / Full RB



Date: 21.JUN.2019 23:32:59

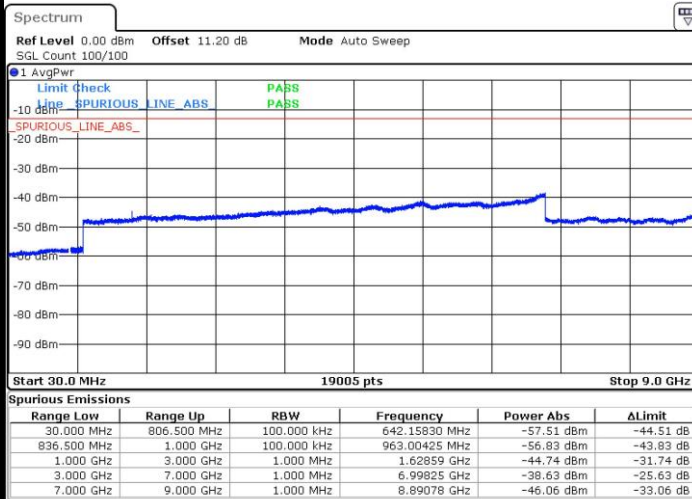




## Conducted Spurious Emission

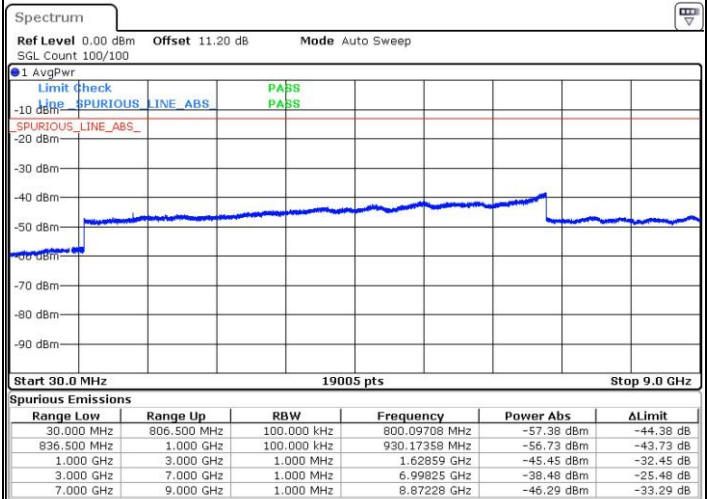
### LTE Band 26 / 1.4MHz

#### Lowest Channel / QPSK



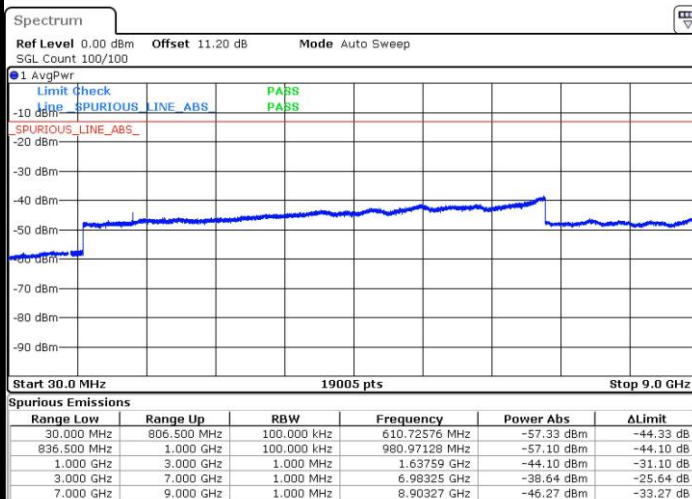
Date: 21.JUN.2019 22:52:44

#### Lowest Channel / 16QAM



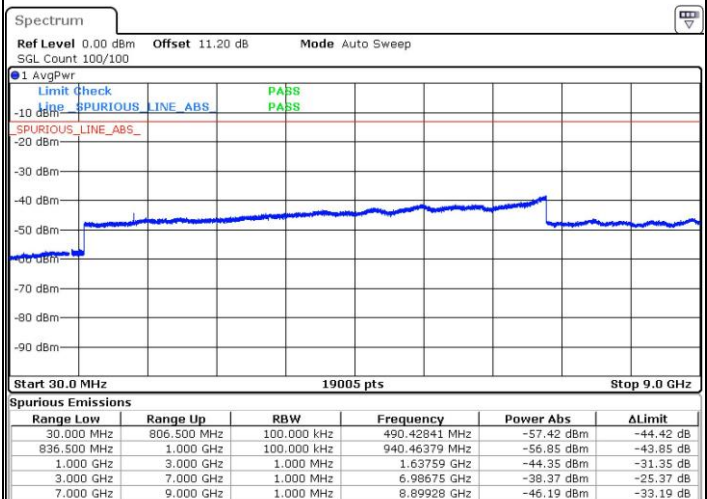
Date: 21.JUN.2019 22:53:48

#### Middle Channel / QPSK



Date: 21.JUN.2019 22:55:38

#### Middle Channel / 16QAM

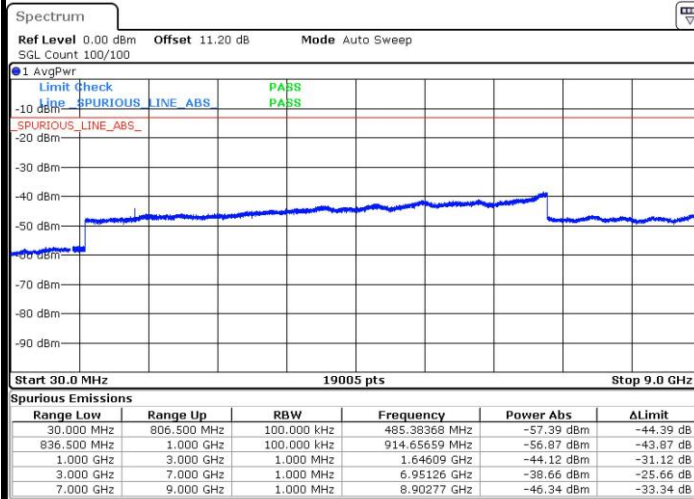


Date: 21.JUN.2019 22:56:41



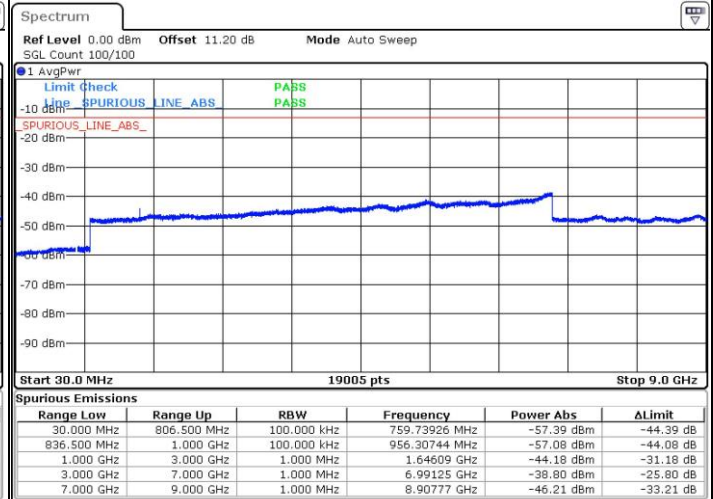
## LTE Band 26 / 1.4MHz

## Highest Channel / QPSK



Date: 21.JUN.2019 22:58:31

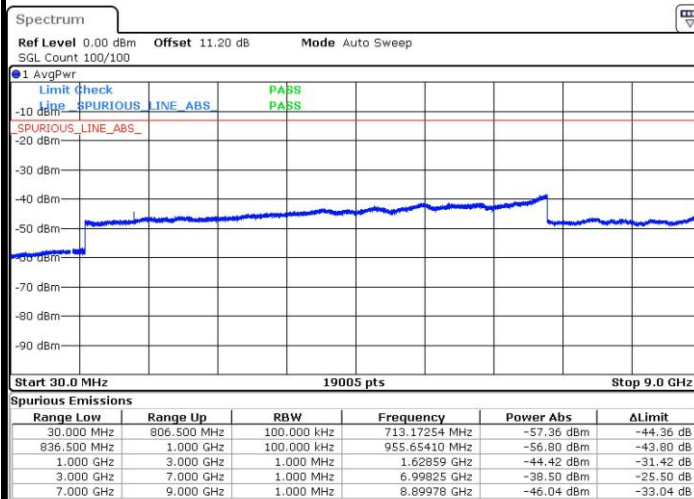
## Highest Channel / 16QAM



Date: 21.JUN.2019 22:59:34

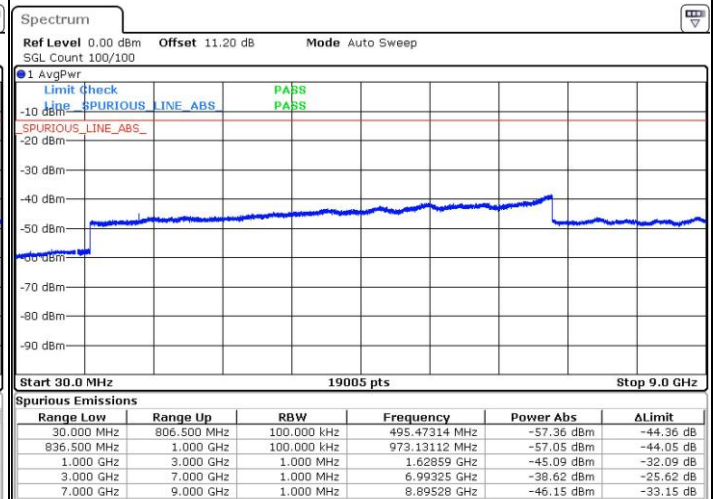
## LTE Band 26 / 3MHz

## Lowest Channel / QPSK



Date: 21.JUN.2019 23:34:49

## Lowest Channel / 16QAM

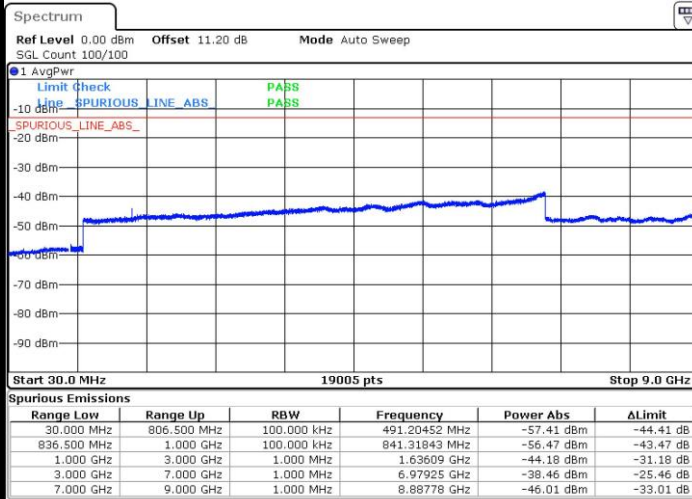


Date: 21.JUN.2019 23:35:52



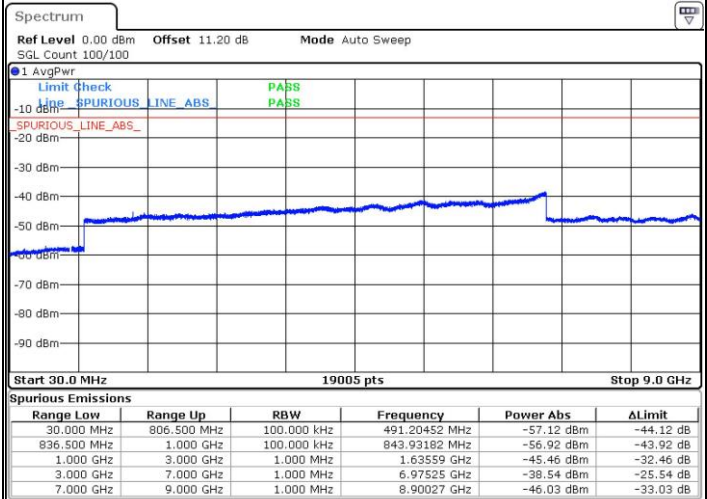
## LTE Band 26 / 3MHz

## Middle Channel / QPSK



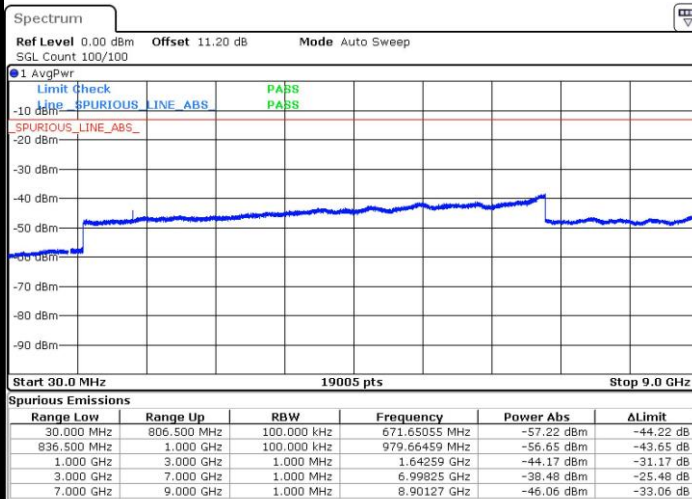
Date: 21.JUN.2019 23:37:42

## Middle Channel / 16QAM



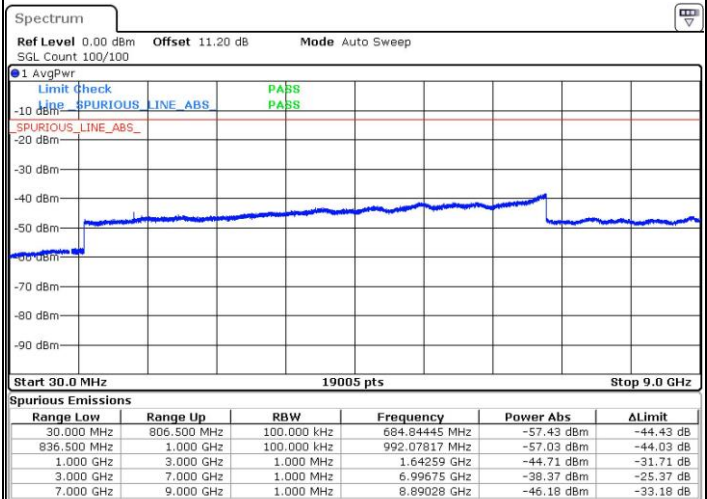
Date: 21.JUN.2019 23:38:45

## Highest Channel / QPSK



Date: 21.JUN.2019 23:40:35

## Highest Channel / 16QAM

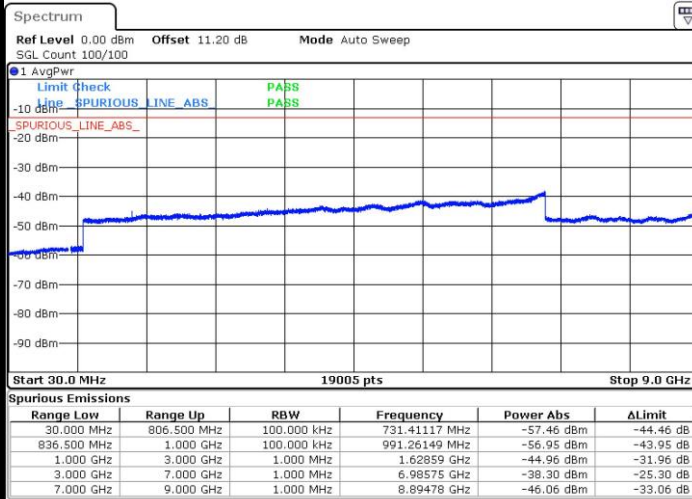


Date: 21.JUN.2019 23:41:38



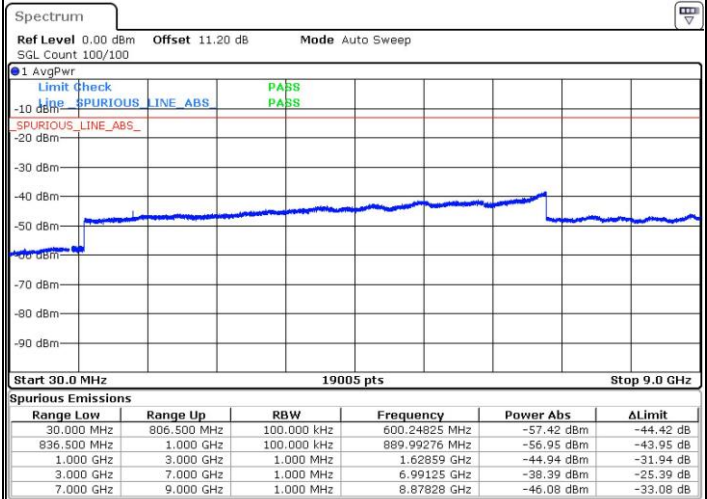
## LTE Band 26 / 5MHz

## Lowest Channel / QPSK



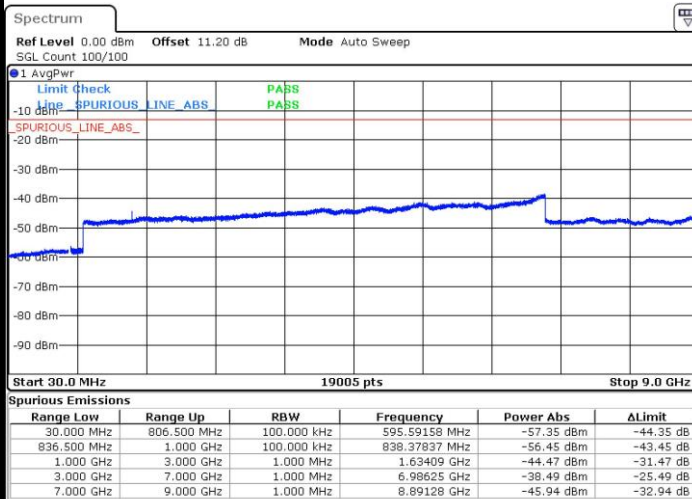
Date: 21.JUN.2019 23:43:28

## Lowest Channel / 16QAM



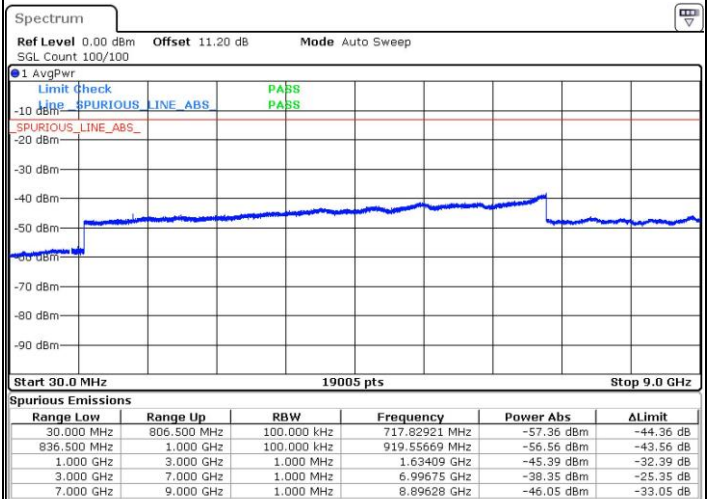
Date: 21.JUN.2019 23:44:32

## Middle Channel / QPSK



Date: 21.JUN.2019 23:46:21

## Middle Channel / 16QAM



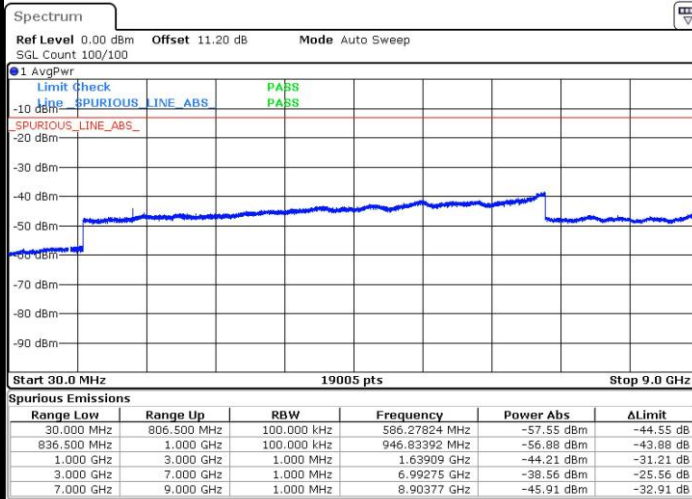
Date: 21.JUN.2019 23:47:24





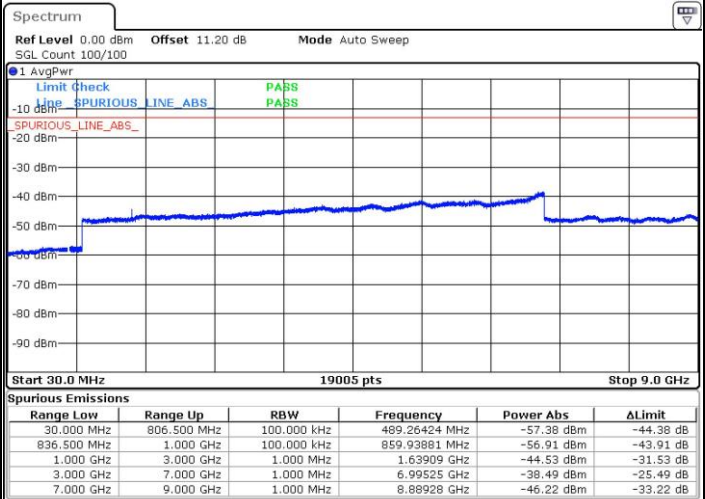
## LTE Band 26 / 5MHz

## Highest Channel / QPSK



Date: 21.JUN.2019 23:49:14

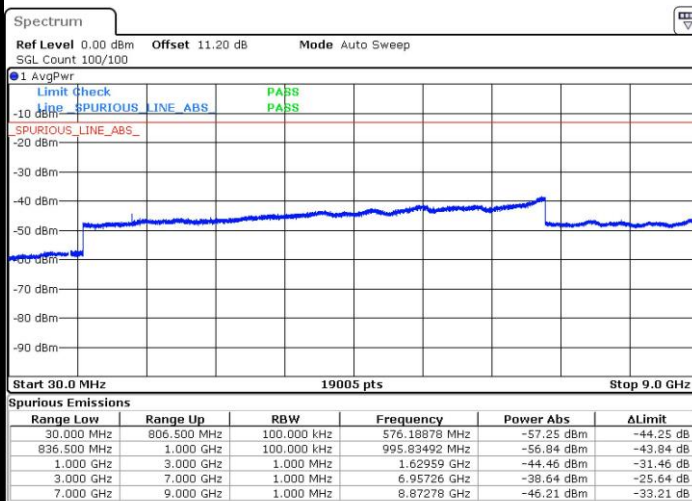
## Highest Channel / 16QAM



Date: 21.JUN.2019 23:50:17

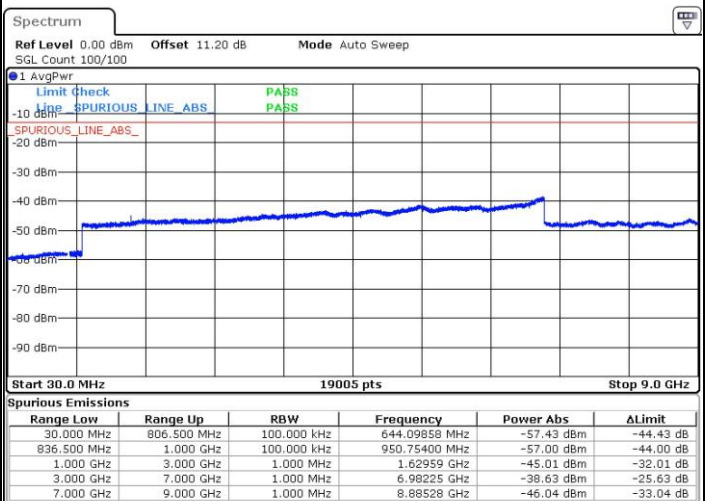
## LTE Band 26 / 10MHz

## Middle Channel / QPSK



Date: 21.JUN.2019 23:52:06

## Middle Channel / 16QAM

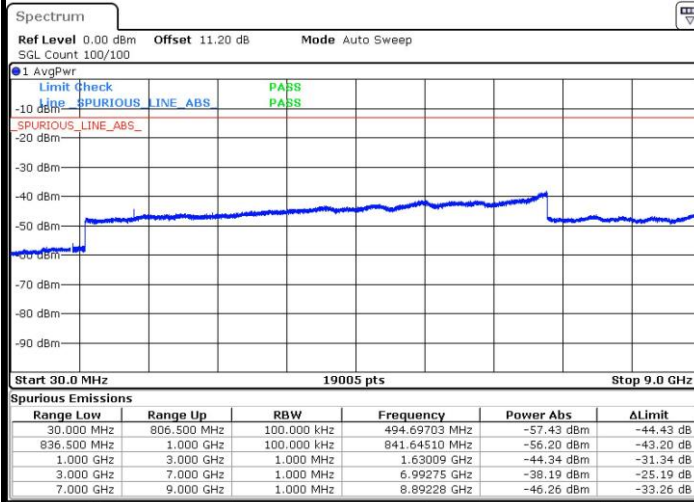


Date: 21.JUN.2019 23:53:09



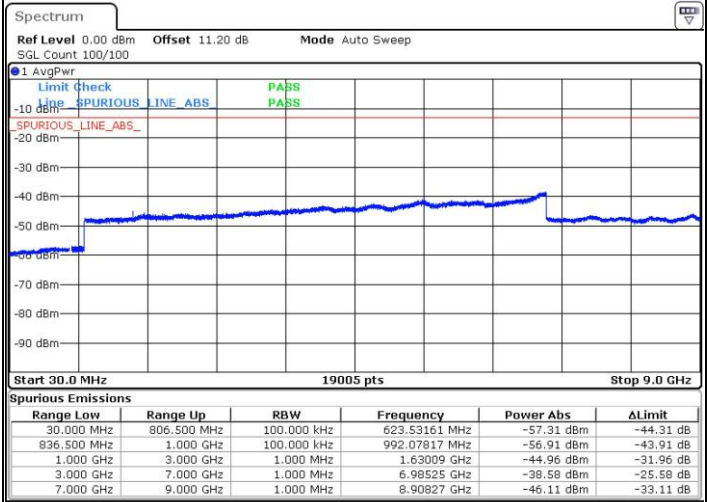
## LTE Band 26 / 15MHz

## Lowest Channel / QPSK



Date: 21.JUN.2019 23:54:59

## Lowest Channel / 16QAM



Date: 21.JUN.2019 23:56:02

## Frequency Stability

| Test Conditions  |                   | LTE Band 26 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                            | Note 2. |
|                  |                   | Deviation (ppm)                     | Result  |
| 50               | Normal Voltage    | 0.0093                              | PASS    |
| 40               | Normal Voltage    | 0.0101                              |         |
| 30               | Normal Voltage    | 0.0018                              |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                              |         |
| 10               | Normal Voltage    | 0.0013                              |         |
| 0                | Normal Voltage    | 0.0060                              |         |
| -10              | Normal Voltage    | 0.0084                              |         |
| -20              | Normal Voltage    | 0.0148                              |         |
| -30              | Normal Voltage    | 0.0126                              |         |
| 20               | Maximum Voltage   | 0.0071                              |         |
| 20               | Normal Voltage    | 0.0000                              |         |
| 20               | Battery End Point | 0.0085                              |         |

**Note:**

1. Normal Voltage =7.7 V. ; Battery End Point (BEP) =6.8 V. ; Maximum Voltage =8.8 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

| Test Conditions  |                   | LTE Band 26 (QPSK) / Low Channel | Limit   |
|------------------|-------------------|----------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 15MHz                         | Note 2. |
|                  |                   | Deviation (ppm)                  | Result  |
| 50               | Normal Voltage    | 0.0093                           | PASS    |
| 40               | Normal Voltage    | 0.0006                           |         |
| 30               | Normal Voltage    | 0.0039                           |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                           |         |
| 10               | Normal Voltage    | 0.0004                           |         |
| 0                | Normal Voltage    | 0.0133                           |         |
| -10              | Normal Voltage    | 0.0110                           |         |
| -20              | Normal Voltage    | 0.0173                           |         |
| -30              | Normal Voltage    | 0.0181                           |         |
| 20               | Maximum Voltage   | 0.0004                           |         |
| 20               | Normal Voltage    | 0.0000                           |         |
| 20               | Battery End Point | 0.0054                           |         |

**Note:**

1. Normal Voltage =7.7 V. ; Battery End Point (BEP) =6.8 V. ; Maximum Voltage =8.8 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

**Appendix B. Test Results of ERP and Radiated Test****ERP****<Reporting Only>**

| LTE Band 26 / 15MHz (Channel 26765) (GT - LC = 0.5 dB) |          |      |        |             |               |          |        |
|--|----------|------|--------|-------------|---------------|----------|--------|
| Channel  | Mode     | RB   |        | Conducted   |               | ERP      |        |
|  |          | Size | Offset | Power (dBm) | Power (Watts) | ERP(dBm) | ERP(W) |
| Lowest   | QPSK     | 1    | 37     | 22.89       | 0.19          | 21.24    | 0.13   |
| Middle   |          | -    | -      | -           | -             | -        | -      |
| Highest  |          | -    | -      | -           | -             | -        | -      |
| Lowest   | 16QAM    | 1    | 0      | 21.38       | 0.14          | 19.73    | 0.09   |
| Middle   |          | -    | -      | -           | -             | -        | -      |
| Highest  |          | -    | -      | -           | -             | -        | -      |
| Limit  | ERP < 7W |      |        | Result      |               | PASS     |        |



**Radiated Spurious Emission****Part 90S LTE Band 26**

| LTE Band 26 / 3MHz / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|---------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                   | Frequency<br>( MHz ) | EIRP<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                    | 1632                 | -63.33          | -13              | -50.33                  | -74.23                  | -69.12                   | 0.68                       | 8.63                        | H                     |
|                           | 2448                 | -59.23          | -13              | -46.23                  | -75.07                  | -66.86                   | 0.94                       | 10.73                       | H                     |
|                           | 3264                 | -57.66          | -13              | -44.66                  | -75.76                  | -66.10                   | 1.19                       | 11.78                       | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           | 1632                 | -63.55          | -13              | -50.55                  | -74.31                  | -69.34                   | 0.68                       | 8.63                        | V                     |
|                           | 2448                 | -59.44          | -13              | -46.44                  | -75.33                  | -67.07                   | 0.94                       | 10.73                       | V                     |
|                           | 3264                 | -57.32          | -13              | -44.32                  | -75.37                  | -65.76                   | 1.19                       | 11.78                       | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                    | 1640                 | -63.17          | -13              | -50.17                  | -74.11                  | -68.99                   | 0.69                       | 8.66                        | H                     |
|                           | 2460                 | -58.87          | -13              | -45.87                  | -75.03                  | -66.52                   | 0.95                       | 10.74                       | H                     |
|                           | 3280                 | -57.54          | -13              | -44.54                  | -75.6                   | -66.01                   | 1.20                       | 11.82                       | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           | 1640                 | -63.57          | -13              | -50.57                  | -74.38                  | -69.39                   | 0.69                       | 8.66                        | V                     |
|                           | 2460                 | -59.30          | -13              | -46.30                  | -75.16                  | -66.95                   | 0.95                       | 10.74                       | V                     |
|                           | 3280                 | -57.59          | -13              | -44.59                  | -75.54                  | -66.06                   | 1.20                       | 11.82                       | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Highest                   | 1648                 | -63.16          | -13              | -50.16                  | -74.14                  | -69.01                   | 0.69                       | 8.69                        | H                     |
|                           | 2472                 | -59.42          | -13              | -46.42                  | -75.26                  | -67.08                   | 0.95                       | 10.76                       | H                     |
|                           | 3296                 | -57.51          | -13              | -44.51                  | -75.53                  | -66.01                   | 1.20                       | 11.85                       | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           | 1648                 | -63.54          | -13              | -50.54                  | -74.4                   | -69.39                   | 0.69                       | 8.69                        | V                     |
|                           | 2472                 | -59.76          | -13              | -46.76                  | -75.6                   | -67.42                   | 0.95                       | 10.76                       | V                     |
|                           | 3296                 | -57.80          | -13              | -44.80                  | -75.66                  | -66.30                   | 1.20                       | 11.85                       | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |

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



| LTE Band 26 / 10MHz / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|----------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                    | Frequency<br>( MHz ) | EIRP<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) |
| Middle                     | 1629                 | -63.41          | -13              | -50.41                  | -74.29                  | -69.19                   | 0.68                       | 8.62                        | H                     |
|                            | 2443                 | -59.77          | -13              | -46.77                  | -75.6                   | -67.40                   | 0.94                       | 10.72                       | H                     |
|                            | 3258                 | -57.72          | -13              | -44.72                  | -75.84                  | -66.15                   | 1.19                       | 11.77                       | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            | 1629                 | -63.80          | -13              | -50.80                  | -74.54                  | -69.58                   | 0.68                       | 8.62                        | V                     |
|                            | 2443                 | -59.51          | -13              | -46.51                  | -75.41                  | -67.14                   | 0.94                       | 10.72                       | V                     |
|                            | 3258                 | -57.74          | -13              | -44.74                  | -75.84                  | -66.17                   | 1.19                       | 11.77                       | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |

| LTE Band 26 / 15MHz / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|----------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                    | Frequency<br>( MHz ) | EIRP<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                     | 1643                 | -63.63          | -13              | -50.63                  | -74.59                  | -69.46                   | 0.69                       | 8.67                        | H                     |
|                            | 2464                 | -59.96          | -13              | -46.96                  | -75.79                  | -67.61                   | 0.95                       | 10.75                       | H                     |
|                            | 3286                 | -57.60          | -13              | -44.60                  | -75.65                  | -66.08                   | 1.20                       | 11.83                       | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            | 1643                 | -63.90          | -13              | -50.90                  | -74.73                  | -69.73                   | 0.69                       | 8.67                        | V                     |
|                            | 2464                 | -59.71          | -13              | -46.71                  | -75.55                  | -67.36                   | 0.95                       | 10.75                       | V                     |
|                            | 3286                 | -57.64          | -13              | -44.64                  | -75.55                  | -66.12                   | 1.20                       | 11.83                       | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |