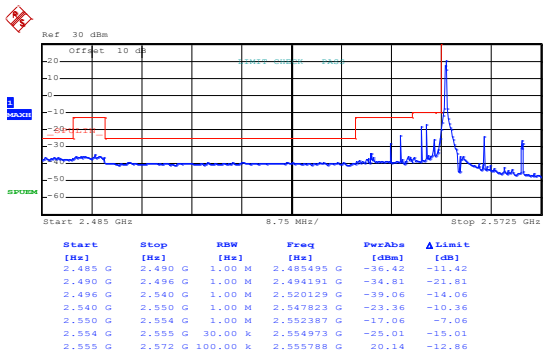
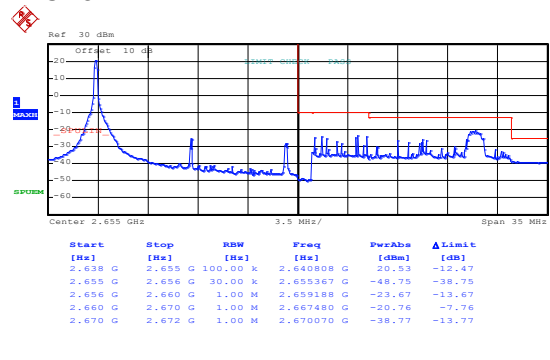


## LTE Band 41, BW: 15MHz 16QAM & RB Size 1



Date: 4.SEP.2019 14:47:26

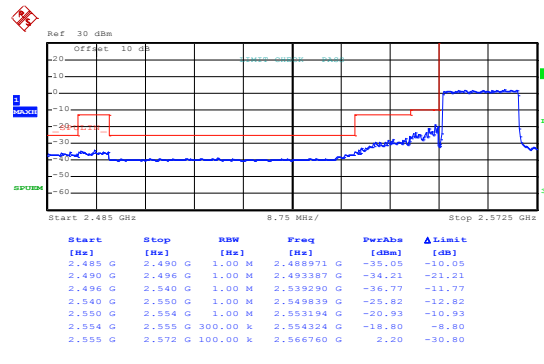
Lowest channel



Date: 4.SEP.2019 13:50:42

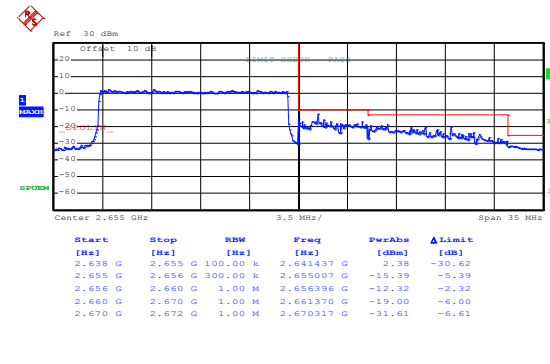
Highest channel

## 16QAM & RB Size 75



Date: 4.SEP.2019 14:48:12

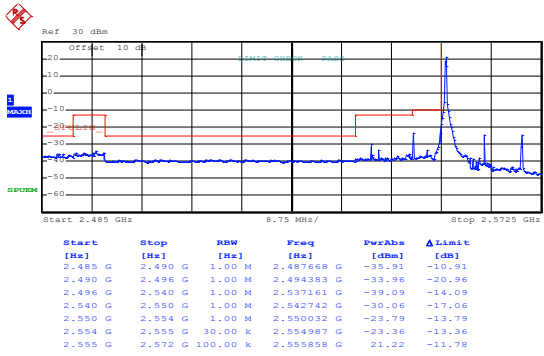
Lowest channel



Date: 4.SEP.2019 13:51:36

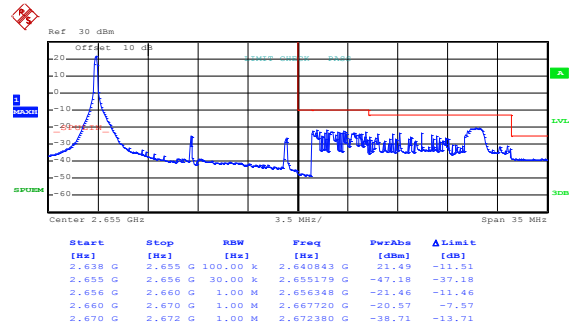
Highest channel

## LTE Band 41, BW: 15MHz QPSK & RB Size 1



Date: 4.SEP.2019 14:47:38

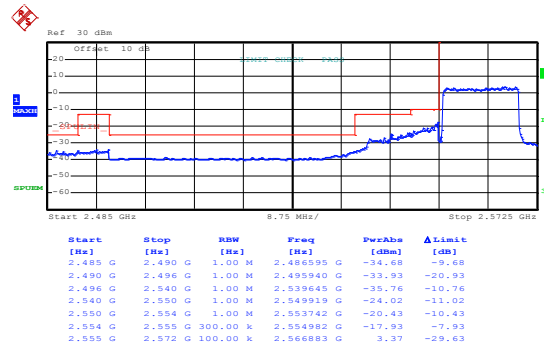
Lowest channel



Date: 4.SEP.2019 13:50:09

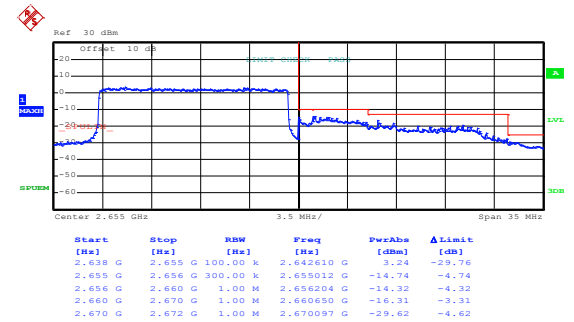
Highest channel

## QPSK & RB Size 75



Date: 4.SEP.2019 14:48:05

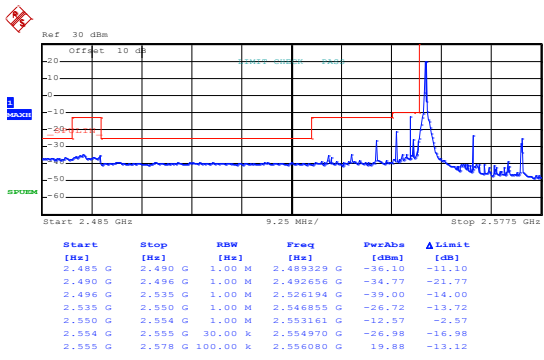
Lowest channel



Date: 4.SEP.2019 13:51:25

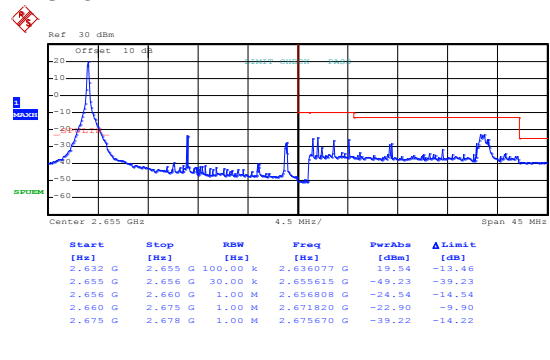
Highest channel

## LTE Band 41, BW: 20MHz 16QAM & RB Size 1



Date: 4.SEP.2019 14:49:44

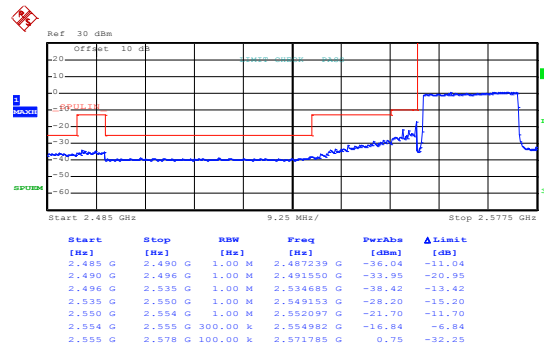
Lowest channel



Date: 4.SEP.2019 14:11:31

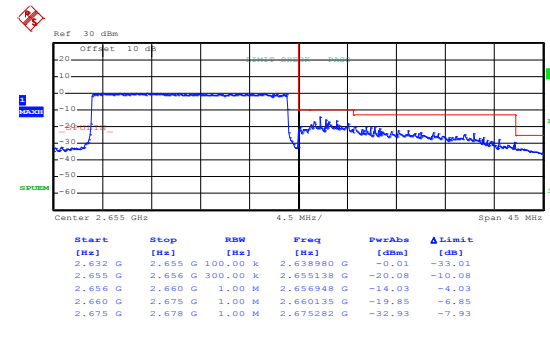
Highest channel

## 16QAM & RB Size 100



Date: 4.SEP.2019 14:50:10

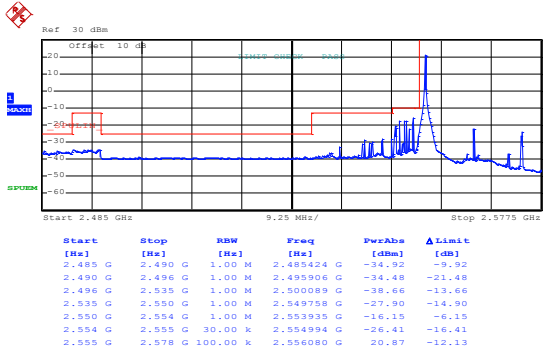
Lowest channel



Date: 4.SEP.2019 14:10:45

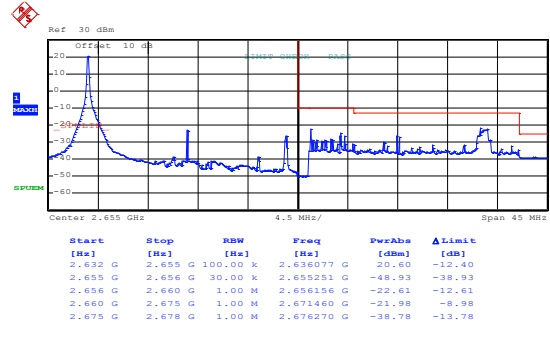
Highest channel

## LTE Band 41, BW: 20MHz QPSK & RB Size 1



Date: 4.SEP.2019 14:49:29

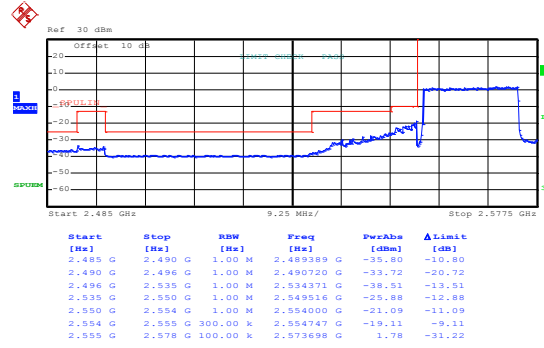
Lowest channel



Date: 4.SEP.2019 14:11:21

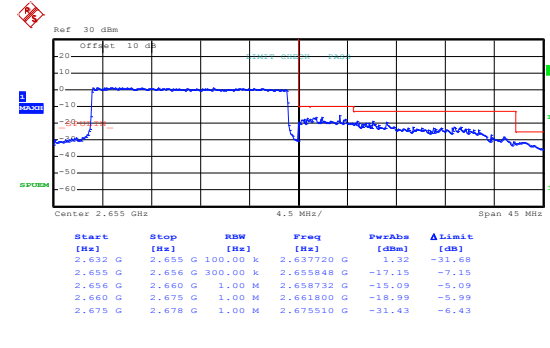
Highest channel

## QPSK & RB Size 100



Date: 4.SEP.2019 14:50:00

Lowest channel

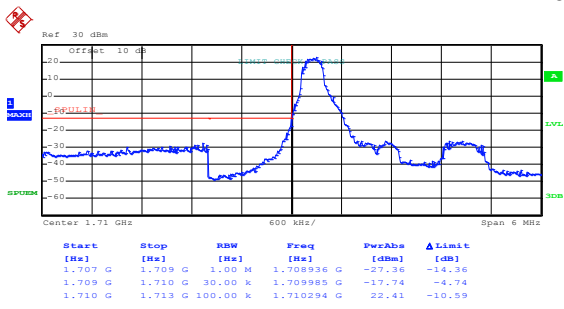


Date: 4.SEP.2019 14:10:34

Highest channel

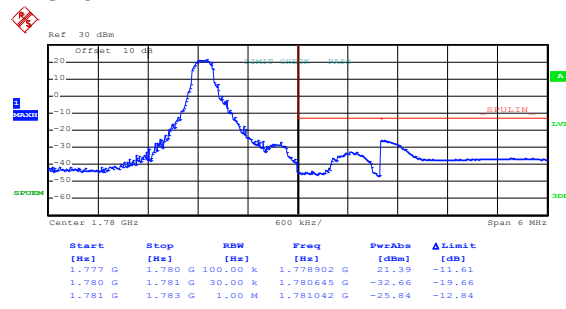
LTE Band 66 part:

LTE Band 66, BW: 1.4MHz  
16QAM & RB Size 1



Date: 4.SEP.2019 17:34:47

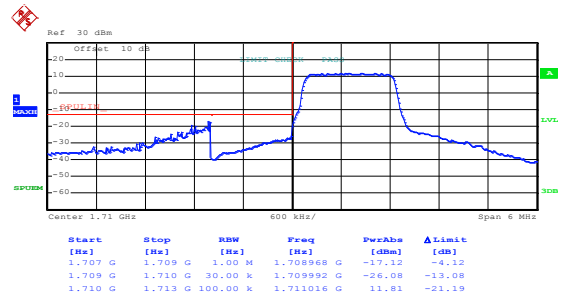
Lowest channel



Date: 4.SEP.2019 17:33:57

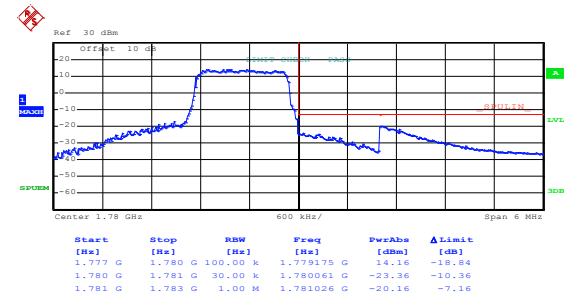
Highest channel

16QAM & RB Size 6



Date: 4.SEP.2019 17:35:28

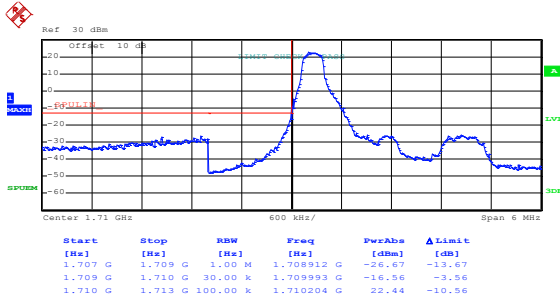
Lowest channel



Date: 4.SEP.2019 17:33:36

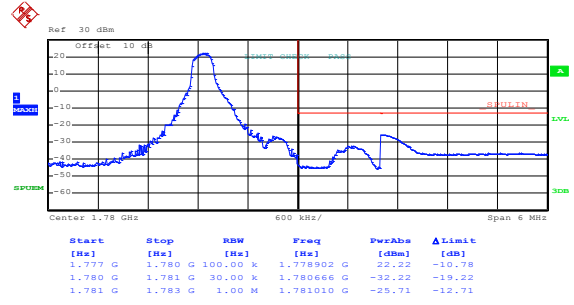
Highest channel

## LTE Band 66, BW: 1.4MHz QPSK & RB Size 1



Date: 4.SEP.2019 17:34:40

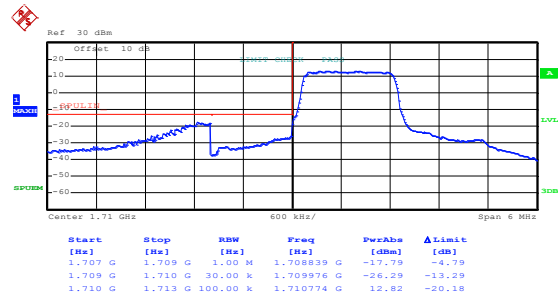
Lowest channel



Date: 4.SEP.2019 17:33:48

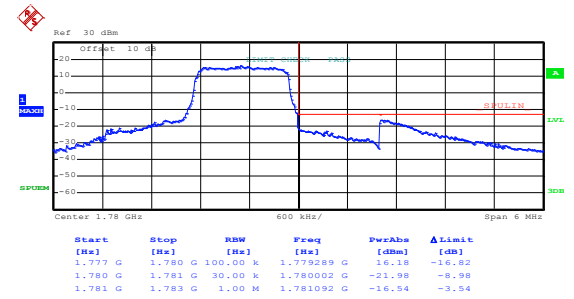
Highest channel

## QPSK & RB Size 6



Date: 4.SEP.2019 17:35:20

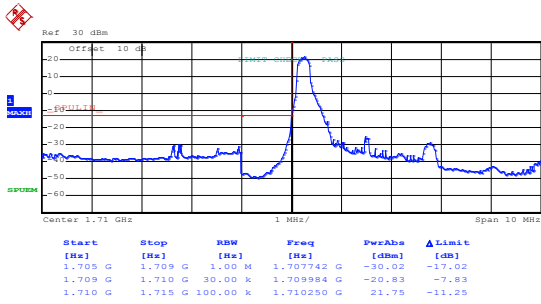
Lowest channel



Date: 4.SEP.2019 17:33:26

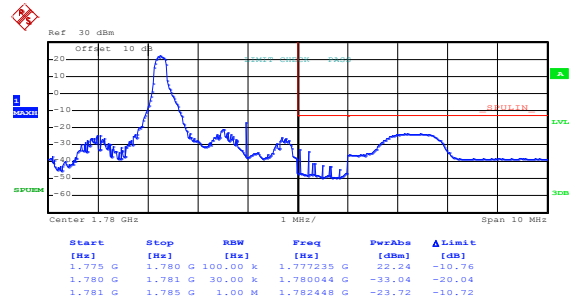
Highest channel

## LTE Band 66, BW: 3MHz 16QAM & RB Size 1



Date: 4.SEP.2019 17:54:02

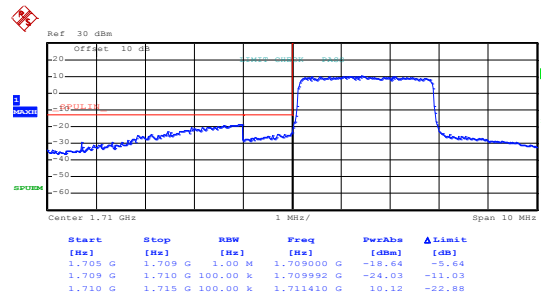
Lowest channel



Date: 4.SEP.2019 17:56:11

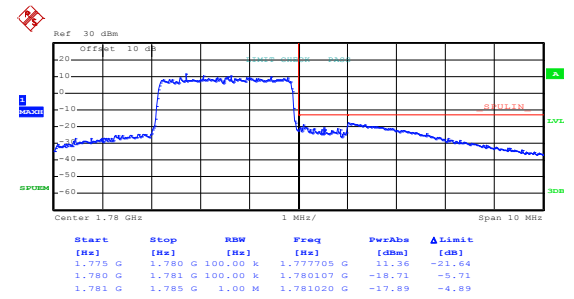
Highest channel

## 16QAM & RB Size 15



Date: 4.SEP.2019 17:54:30

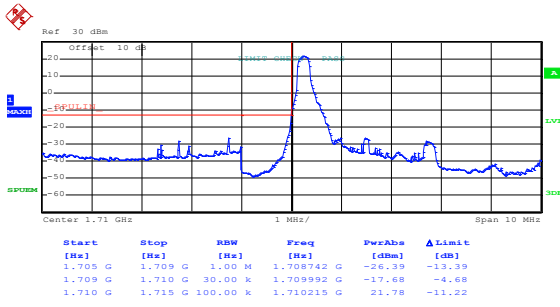
Lowest channel



Date: 4.SEP.2019 17:55:22

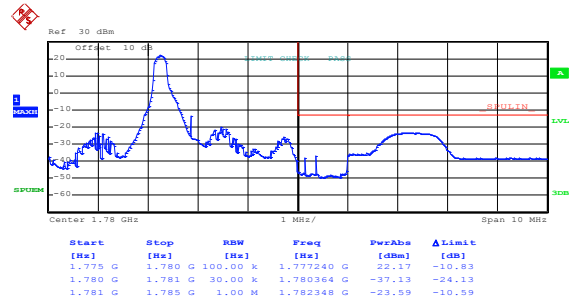
Highest channel

## LTE Band 66, BW: 3MHz QPSK & RB Size 1



Date: 4.SEP.2019 17:53:54

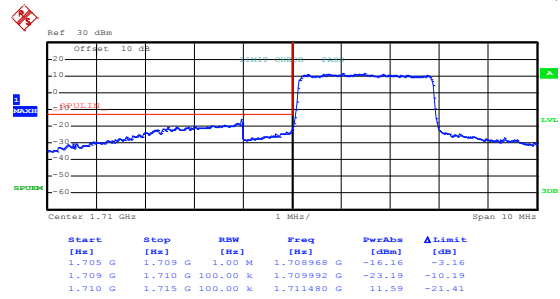
Lowest channel



Date: 4.SEP.2019 17:55:54

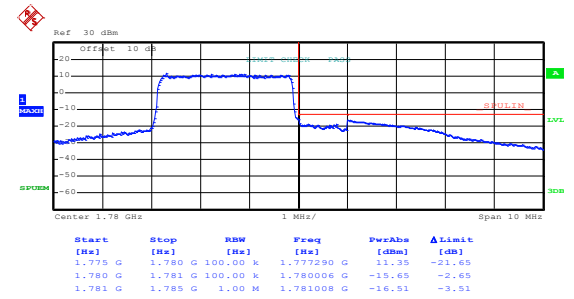
Highest channel

## QPSK & RB Size 15



Date: 4.SEP.2019 17:54:23

Lowest channel

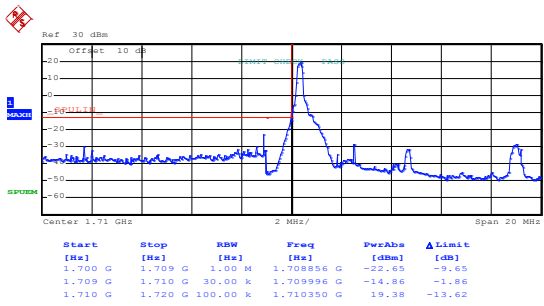


Date: 4.SEP.2019 17:55:12

Highest channel

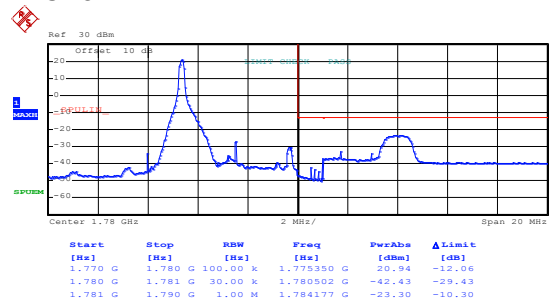


## LTE Band 66, BW: 5MHz 16QAM & RB Size 1



Date: 4.SEP.2019 18:14:23

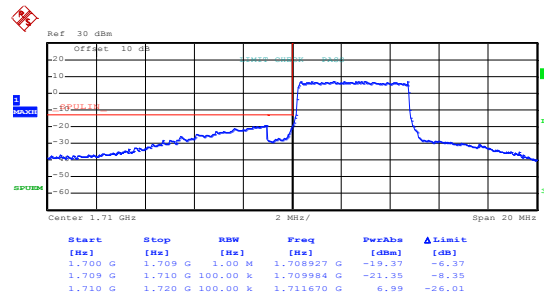
Lowest channel



Date: 4.SEP.2019 17:57:10

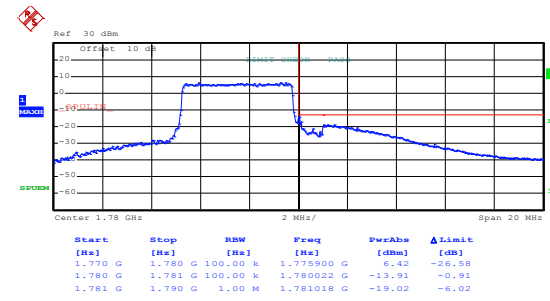
Highest channel

## 16QAM & RB Size 25



Date: 4.SEP.2019 17:58:43

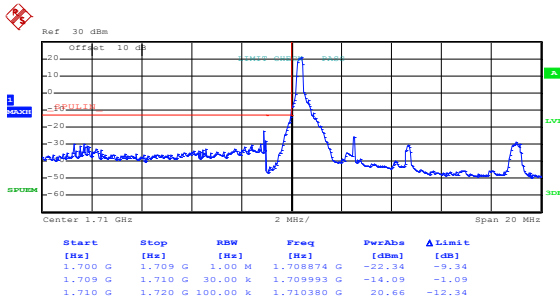
Lowest channel



Date: 4.SEP.2019 17:57:58

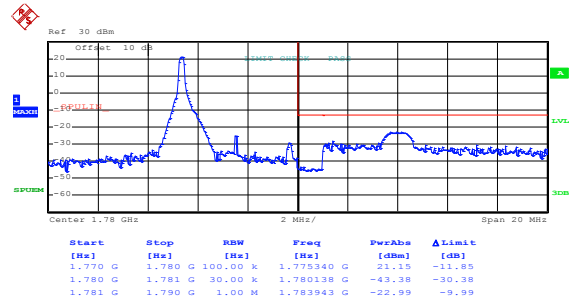
Highest channel

## LTE Band 66, BW: 5MHz QPSK & RB Size 1



Date: 4.SEP.2019 18:11:40

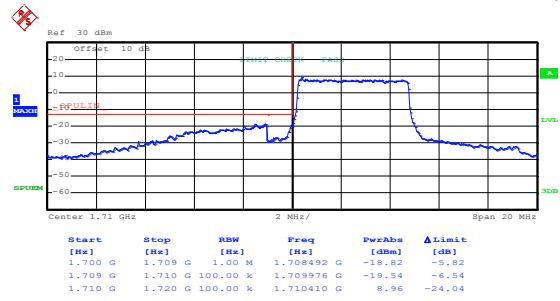
Lowest channel



Date: 4.SEP.2019 17:57:27

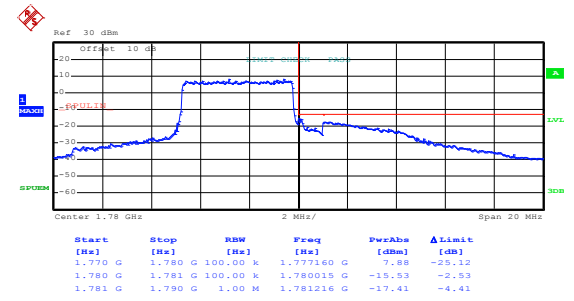
Highest channel

## QPSK & RB Size 25



Date: 4.SEP.2019 17:58:34

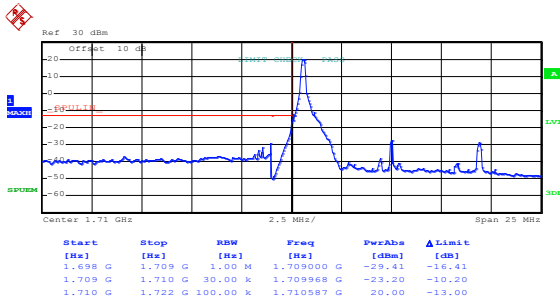
Lowest channel



Date: 4.SEP.2019 17:58:11

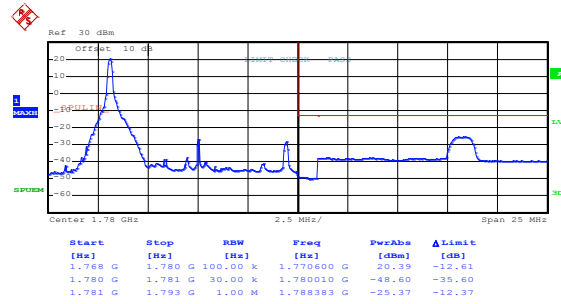
Highest channel

## LTE Band 66, BW: 10MHz 16QAM & RB Size 1



Date: 4.SEP.2019 17:21:40

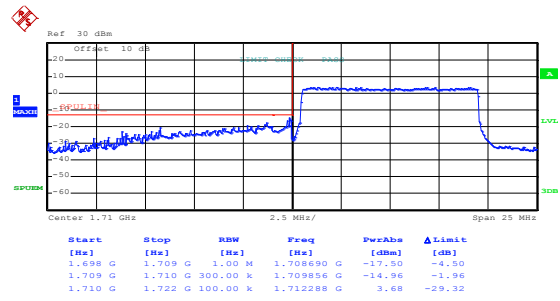
Lowest channel



Date: 4.SEP.2019 17:26:17

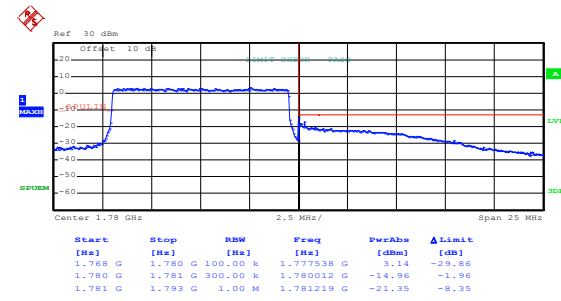
Highest channel

## 16QAM & RB Size 50



Date: 4.SEP.2019 17:20:22

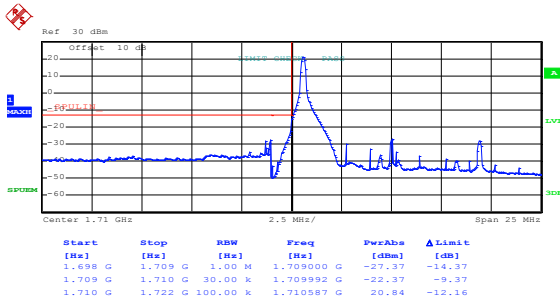
Lowest channel



Date: 4.SEP.2019 17:25:46

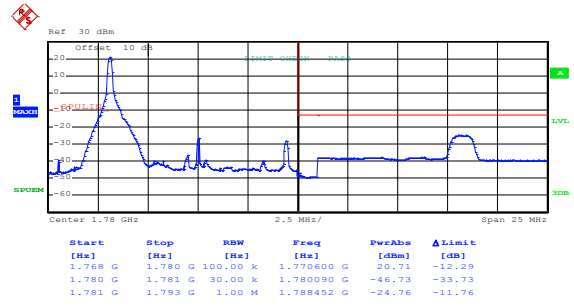
Highest channel

## LTE Band 66, BW: 10MHz QPSK & RB Size 1



Date: 4.SEP.2019 17:21:29

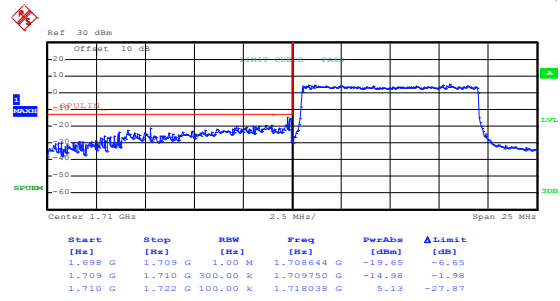
Lowest channel



Date: 4.SEP.2019 17:26:06

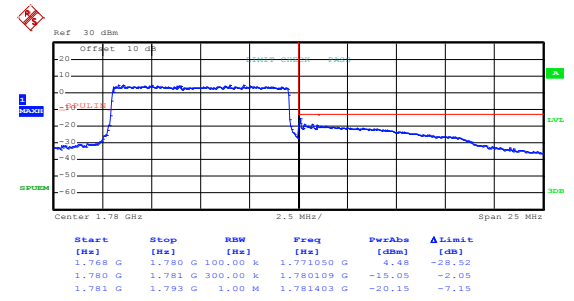
Highest channel

## QPSK & RB Size 50



Date: 4.SEP.2019 17:20:11

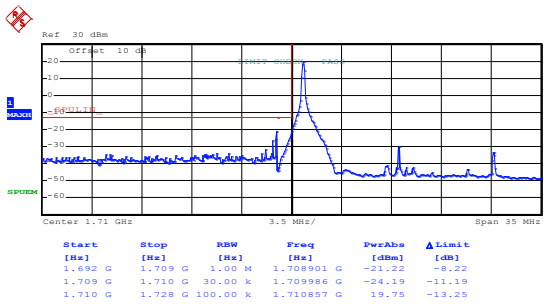
Lowest channel



Date: 4.SEP.2019 17:25:29

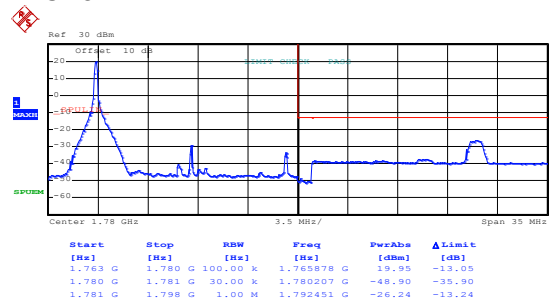
Highest channel

## LTE Band 66, BW: 15MHz 16QAM & RB Size 1



Date: 4.SEP.2019 18:20:24

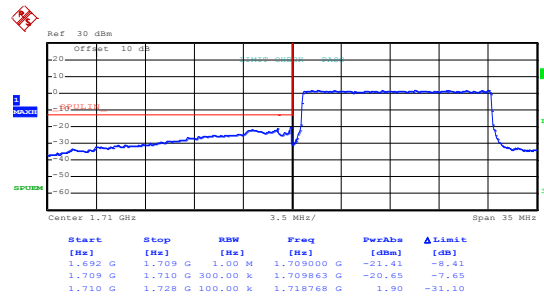
Lowest channel



Date: 4.SEP.2019 17:27:46

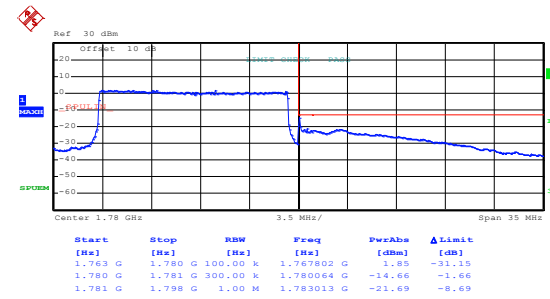
Highest channel

## 16QAM & RB Size 75



Date: 4.SEP.2019 17:29:11

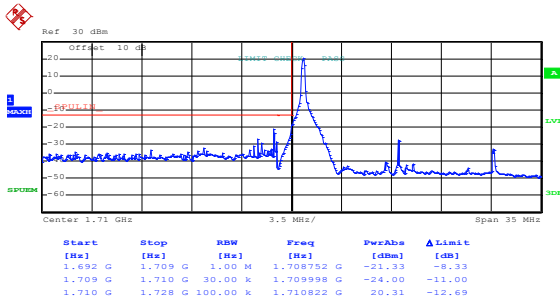
Lowest channel



Date: 4.SEP.2019 17:28:11

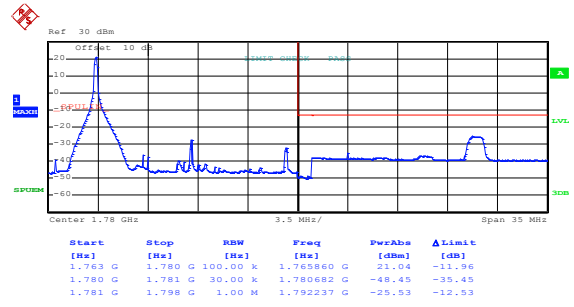
Highest channel

## LTE Band 66, BW: 15MHz QPSK & RB Size 1



Date: 4.SEP.2019 18:20:34

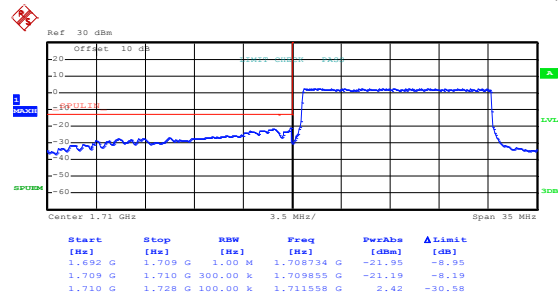
Lowest channel



Date: 4.SEP.2019 17:27:40

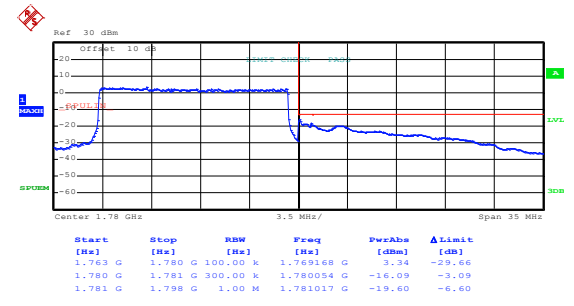
Highest channel

## QPSK & RB Size 75



Date: 4.SEP.2019 17:29:20

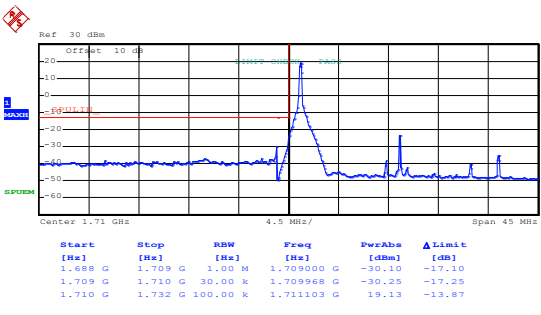
Lowest channel



Date: 4.SEP.2019 17:28:04

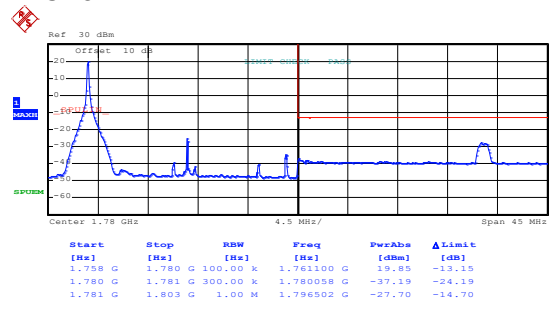
Highest channel

## LTE Band 66, BW: 20MHz 16QAM & RB Size 1



Date: 4.SEP.2019 17:30:38

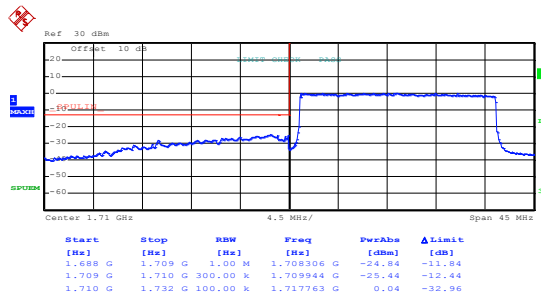
Lowest channel



Date: 4.SEP.2019 17:31:22

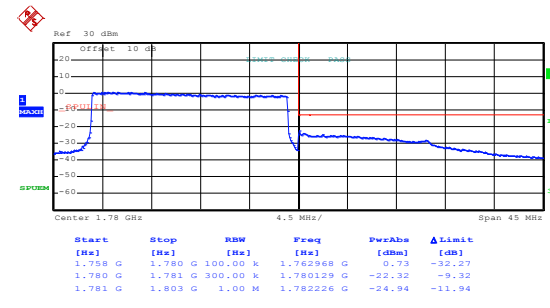
Highest channel

## 16QAM & RB Size 100



Date: 4.SEP.2019 17:30:13

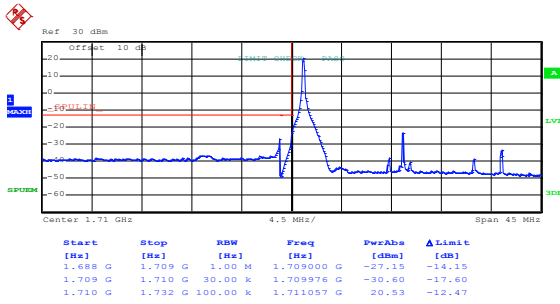
Lowest channel



Date: 4.SEP.2019 17:31:44

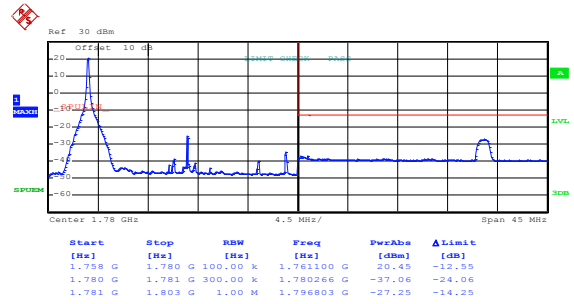
Highest channel

## LTE Band 66, BW: 20MHz QPSK & RB Size 1



Date: 4.SEP.2019 17:30:32

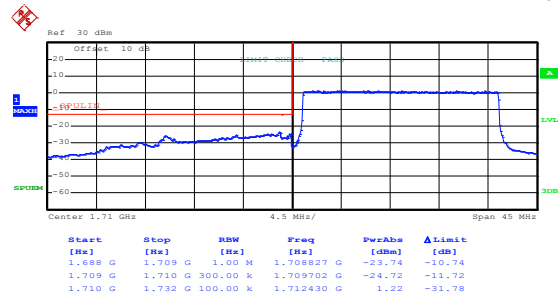
Lowest channel



Date: 4.SEP.2019 17:31:13

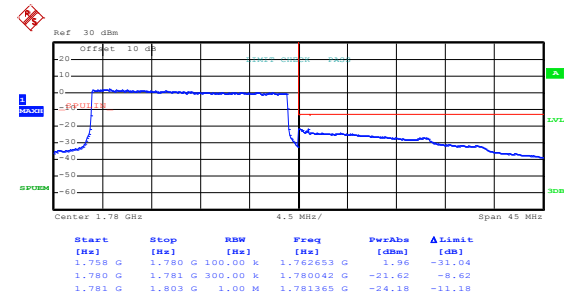
Highest channel

## QPSK & RB Size 100



Date: 4.SEP.2019 17:30:06

Lowest channel



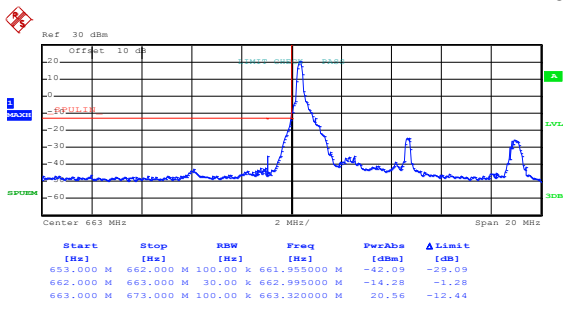
Date: 4.SEP.2019 17:31:36

Highest channel



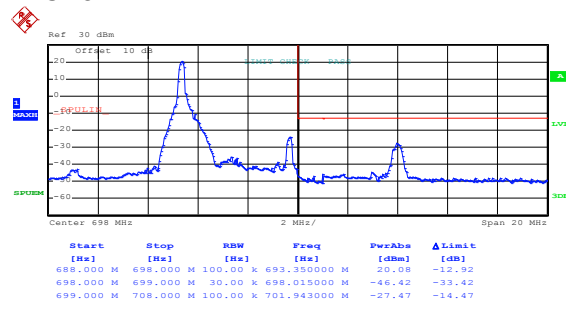
LTE Band 71 part:

LTE Band 71, BW: 5MHz  
16QAM & RB Size 1



Date: 4.SEP.2019 18:05:41

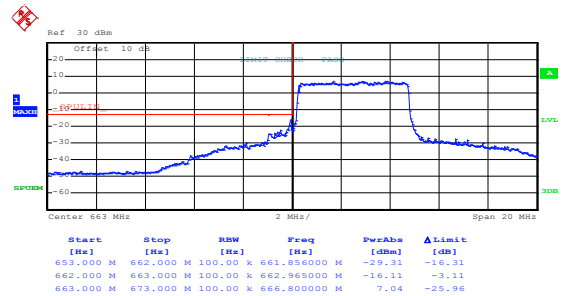
Lowest channel



Date: 4.SEP.2019 17:39:04

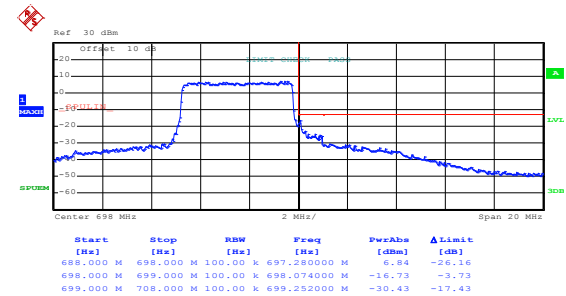
Highest channel

16QAM & RB Size 25



Date: 4.SEP.2019 17:37:50

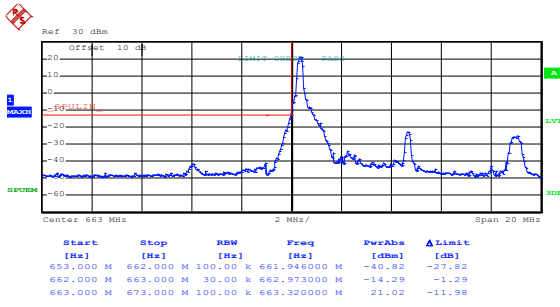
Lowest channel



Date: 4.SEP.2019 17:38:32

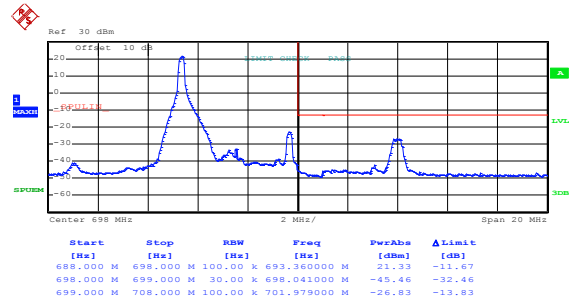
Highest channel

## LTE Band 71, BW: 5MHz QPSK & RB Size 1



Date: 4.SEP.2019 18:05:52

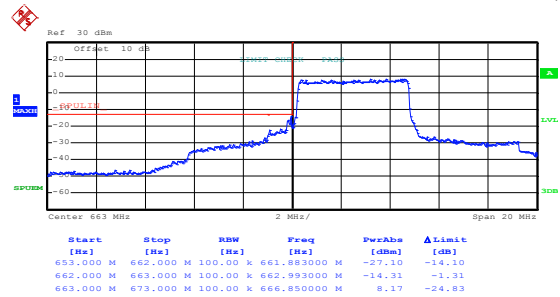
Lowest channel



Date: 4.SEP.2019 17:38:57

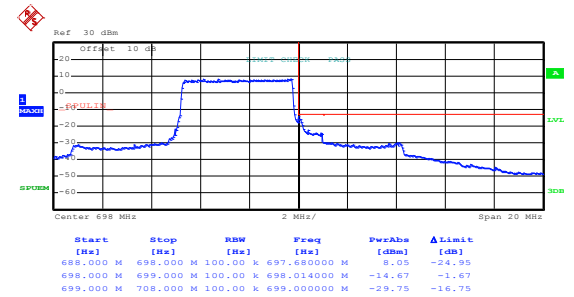
Highest channel

## QPSK & RB Size 25



Date: 4.SEP.2019 17:37:44

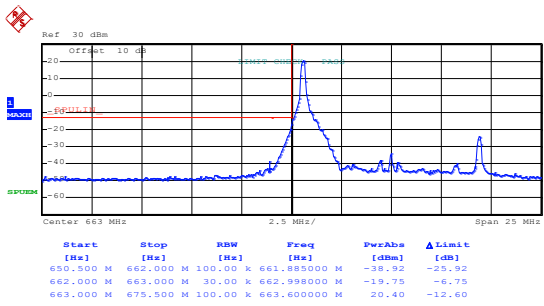
Lowest channel



Date: 4.SEP.2019 17:38:25

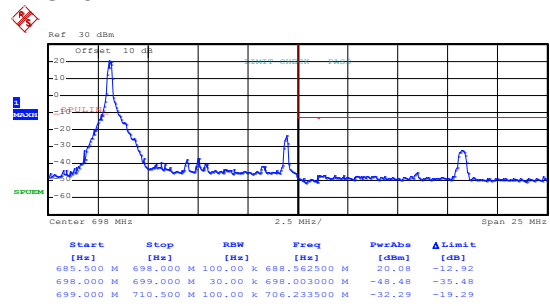
Highest channel

## LTE Band 71, BW: 10MHz 16QAM & RB Size 1



Date: 4.SEP.2019 17:43:44

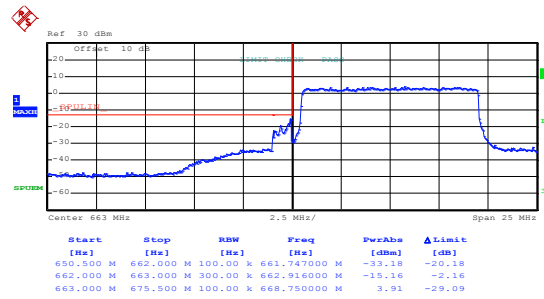
Lowest channel



Date: 4.SEP.2019 17:41:04

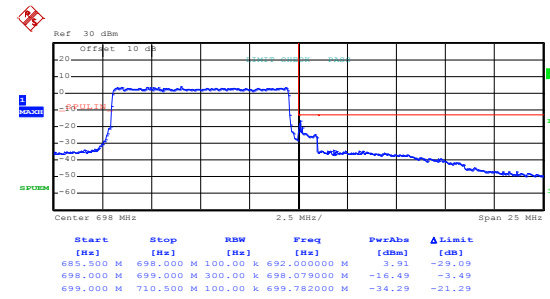
Highest channel

## 16QAM & RB Size 50



Date: 4.SEP.2019 17:43:18

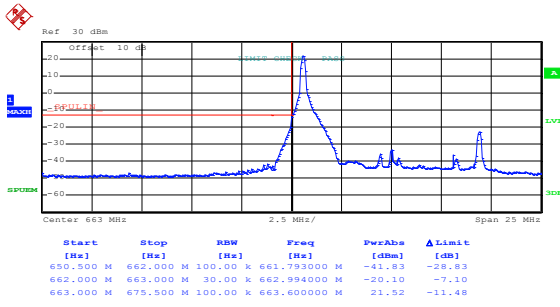
Lowest channel



Date: 4.SEP.2019 17:42:37

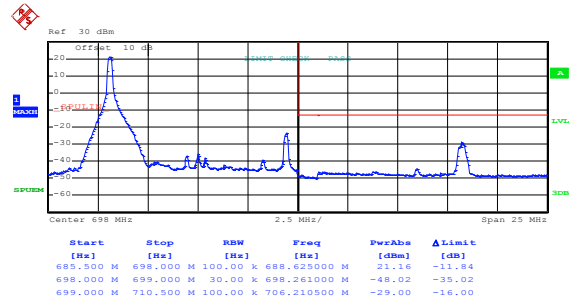
Highest channel

## LTE Band 71, BW: 10MHz QPSK & RB Size 1



Date: 4.SEP.2019 17:43:38

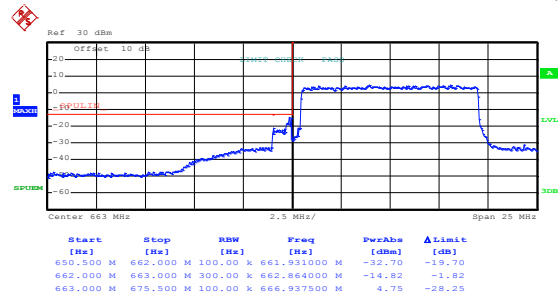
Lowest channel



Date: 4.SEP.2019 17:40:55

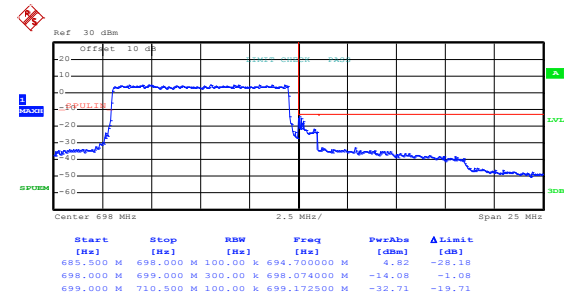
Highest channel

## QPSK & RB Size 50



Date: 4.SEP.2019 17:43:11

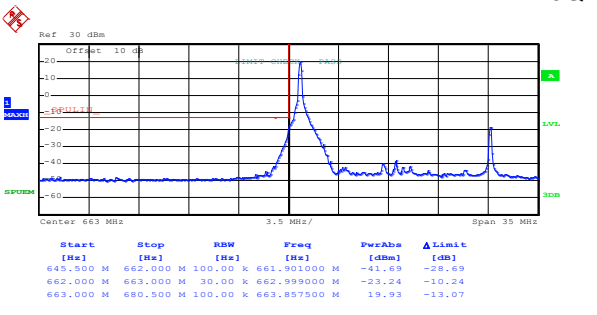
Lowest channel



Date: 4.SEP.2019 17:42:18

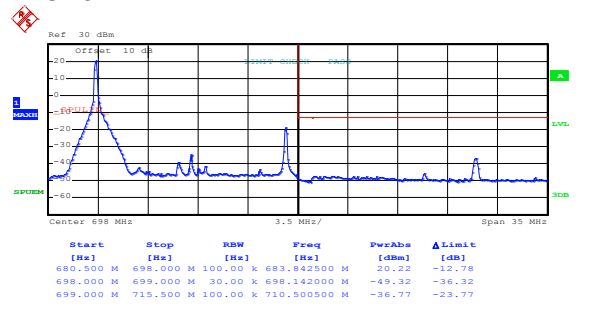
Highest channel

## LTE Band 71, BW: 15MHz 16QAM & RB Size 1



Date: 4.SEP.2019 17:46:39

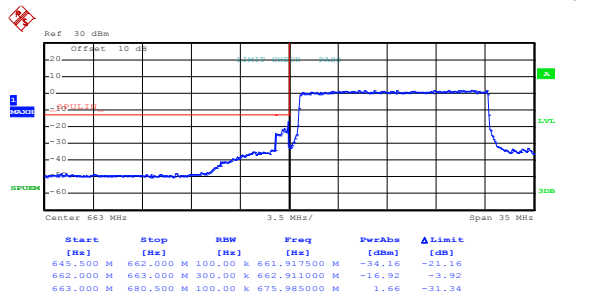
Lowest channel



Date: 4.SEP.2019 17:48:14

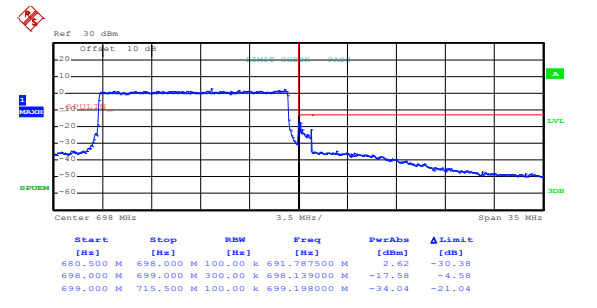
Highest channel

## 16QAM & RB Size 75



Date: 4.SEP.2019 17:47:07

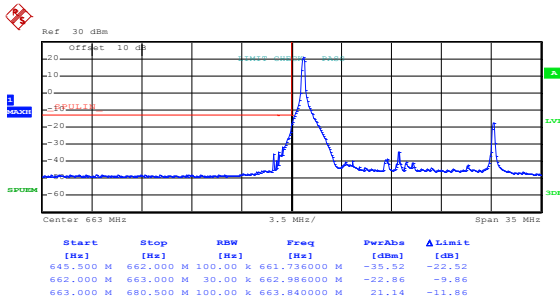
Lowest channel



Date: 4.SEP.2019 17:47:46

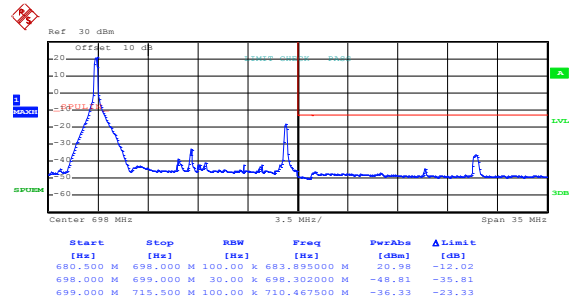
Highest channel

## LTE Band 71, BW: 15MHz QPSK & RB Size 1



Date: 4.SEP.2019 17:46:33

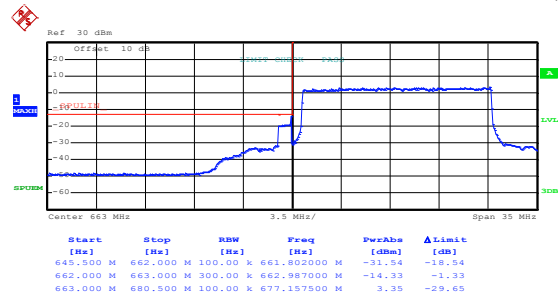
Lowest channel



Date: 4.SEP.2019 17:48:07

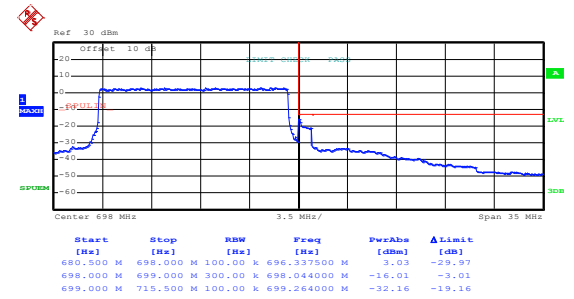
Highest channel

## QPSK & RB Size 75



Date: 4.SEP.2019 17:46:58

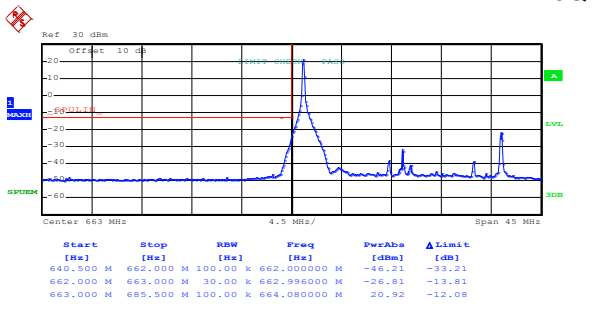
Lowest channel



Date: 4.SEP.2019 17:47:40

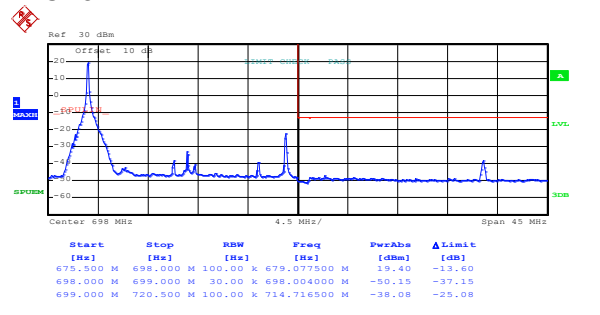
Highest channel

## LTE Band 71, BW: 20MHz 16QAM & RB Size 1



Date: 4.SEP.2019 17:51:34

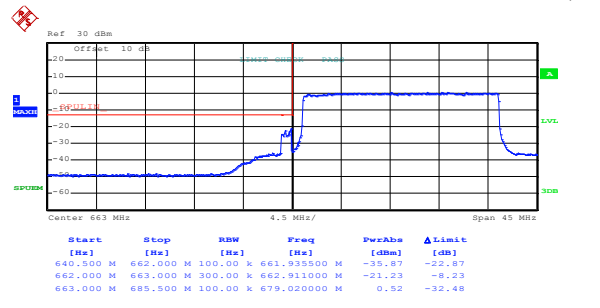
Lowest channel



Date: 4.SEP.2019 17:49:33

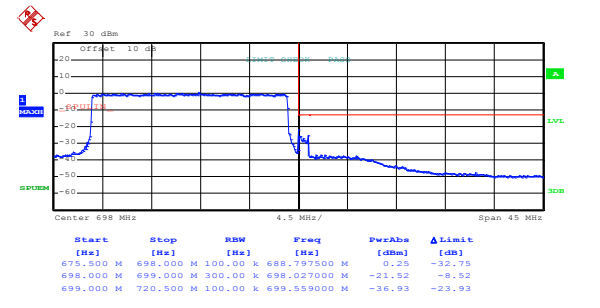
Highest channel

## 16QAM & RB Size 100



Date: 4.SEP.2019 17:50:43

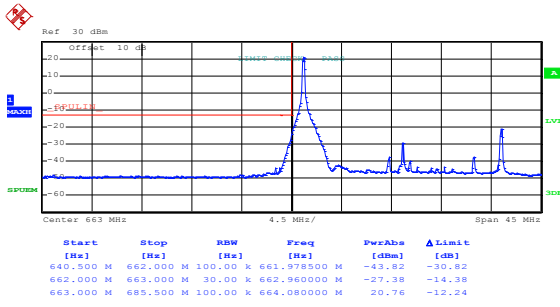
Lowest channel



Date: 4.SEP.2019 17:50:07

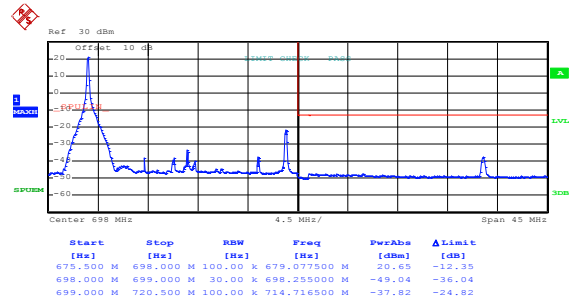
Highest channel

## LTE Band 71, BW: 20MHz QPSK & RB Size 1



Date: 4.SEP.2019 17:51:29

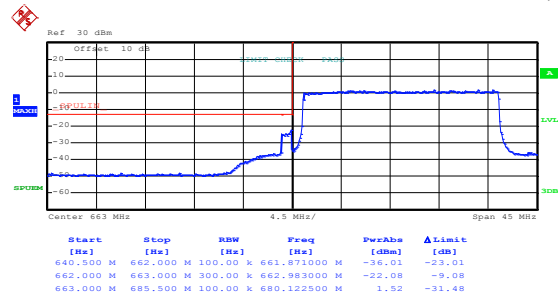
Lowest channel



Date: 4.SEP.2019 17:49:26

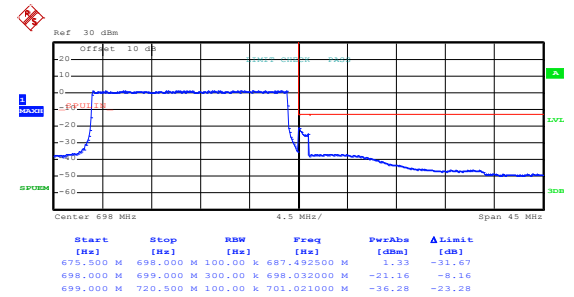
Highest channel

## QPSK & RB Size 100



Date: 4.SEP.2019 17:50:52

Lowest channel

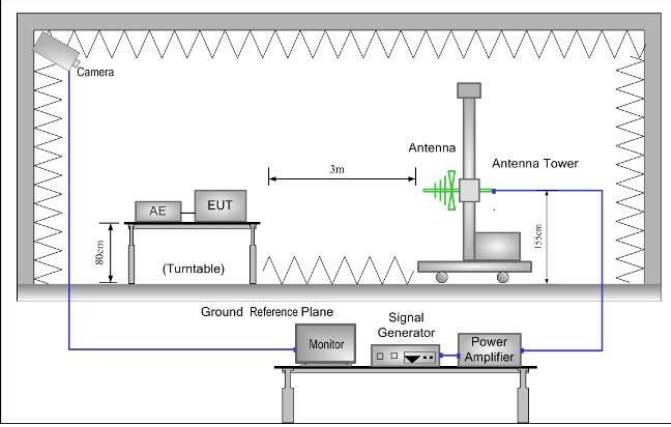
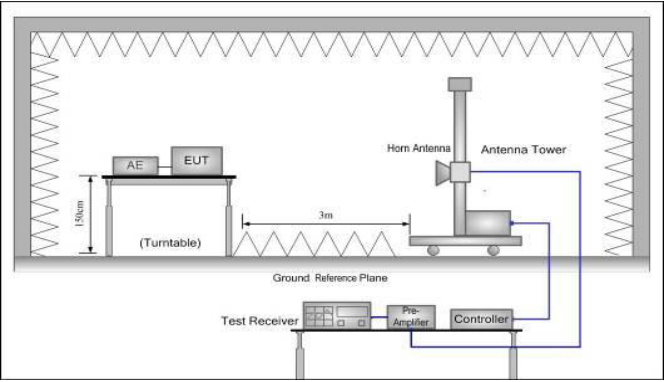


Date: 4.SEP.2019 17:49:59

Highest channel



## 6.5 Field strength of spurious radiation measurement

|                          |   |
|--------------------------|---|
| <p>Test Requirement:</p> | <p>Part 22.917(b), Part 24.238 (a), Part 27.53(g), Part 27.53(m), Part 27.53(h), Part 90.691(a)</p>   |
| <p>Limit:</p>            | <p>LTE Band 12 &amp; 25 &amp; 26 &amp; 66 &amp; 71:<br/>         The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least <math>43 + 10 \log_{10}(P)</math> dB (-13 dBm).<br/>         LTE Band 41:<br/>         For mobile digital stations, the attenuation factor shall be not less than <math>40 + 10 \log (P)</math> dB on all frequencies between the channel edge and 5 megahertz from the channel edge, <math>43 + 10 \log (P)</math> dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and <math>55 + 10 \log (P)</math> dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less that <math>43 + 10 \log (P)</math> dB on all frequencies between 2490.5 MHz and 2496 MHz and <math>55 + 10 \log (P)</math> dB at or below 2490.5 MHz.</p> |
| <p>Test setup:</p>       | <p>Below 1GHz</p>  <p>Above 1GHz</p>   |
| <p>Test Procedure:</p>   | <ol style="list-style-type: none"> <li>1. The EUT was placed on an non-conductive turntable using a non-conductive support. The radiated emission at the fundamental frequency was measured at 3 m with a test antenna and EMI spectrum analyzer.</li> <li>2. During the tests, the antenna height and the EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. This maximization process was repeated with the EUT positioned in each of its three orthogonal orientations.</li> <li>3. The frequency range up to tenth harmonic was investigated for each</li> </ol>   |

|                   |  |
|-------------------|--|
|                   | <p>of three fundamental frequency (low, middle and high channels). Once spurious emission was identified, the power of the emission was determined using the substitution method.</p> <p>4. The spurious emissions attenuation was calculated as the difference between radiated power at the fundamental frequency and the spurious emissions frequency.</p> <p>ERP / EIRP = S.G. output (dBm) + Antenna Gain(dB/dBi) – Cable Loss (dB)</p> |
| Test Instruments: | Refer to section 5.10 for details  |
| Test mode:        | Refer to section 5.3 for details.  |
| Test results:     | Passed   |

**Measurement Data:**

**LTE Band 12 part:**

| LTE Band 12, WB: 1.4MHz   |                   |             |             |        |
|---|-------------------|-------------|-------------|--------|
| RB size 1 & RB offset 0   |                   |             |             |        |
| Frequency (MHz)   | Spurious Emission |             | Limit (dBm) | Result |
|   | Polarization      | Level (dBm) |             |        |
| <b>Lowest Channel</b>   |                   |             |             |        |
| 1399.40   | Vertical          | -57.49      | -13.00      | Pass   |
| 2099.10   | V                 | -49.30      |             |        |
| 2798.80   | V                 | -53.20      |             |        |
| 1399.40   | Horizontal        | -58.08      |             |        |
| 2099.10   | H                 | -46.36      |             |        |
| 2798.80   | H                 | -53.34      |             |        |
| <b>Middle Channel</b>   |                   |             |             |        |
| 1415.00   | Vertical          | -57.25      | -13.00      | Pass   |
| 2122.50   | V                 | -49.21      |             |        |
| 2830.00   | V                 | -53.28      |             |        |
| 1415.00   | Horizontal        | -58.41      |             |        |
| 2122.50   | H                 | -46.26      |             |        |
| 2830.00   | H                 | -53.89      |             |        |
| <b>Highest Channel</b>  |                   |             |             |        |
| 1430.60   | Vertical          | -57.13      | -13.00      | Pass   |
| 2145.90   | V                 | -49.24      |             |        |
| 2861.20   | V                 | -53.39      |             |        |
| 1430.60   | Horizontal        | -58.67      |             |        |
| 2145.90   | H                 | -46.61      |             |        |
| 2861.20   | H                 | -53.99      |             |        |
| <p>Note:</p> <p>1. The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.</p> <p>2. For above 1 GHz, all test modes were performed, and just the worst case shown in the report.</p> |                   |             |             |        |

| LTE Band 12, WB: 3MHz   |                   |             |             |        |
|---|-------------------|-------------|-------------|--------|
| RB size 1 & RB offset 0   |                   |             |             |        |
| Frequency (MHz)   | Spurious Emission |             | Limit (dBm) | Result |
|   | Polarization      | Level (dBm) |             |        |
| <b>Lowest Channel</b>   |                   |             |             |        |
| 1401.00   | Vertical          | -57.63      | -13.00      | Pass   |
| 2101.50   | V                 | -49.58      |             |        |
| 2802.00   | V                 | -53.45      |             |        |
| 1401.00   | Horizontal        | -58.45      |             |        |
| 2101.50   | H                 | -46.09      |             |        |
| 2802.00   | H                 | -53.35      |             |        |
| <b>Middle Channel</b>   |                   |             |             |        |
| 1415.00   | Vertical          | -57.41      | -13.00      | Pass   |
| 2122.50   | V                 | -49.26      |             |        |
| 2830.00   | V                 | -53.81      |             |        |
| 1415.00   | Horizontal        | -58.26      |             |        |
| 2122.50   | H                 | -46.33      |             |        |
| 2830.00   | H                 | -53.82      |             |        |
| <b>Highest Channel</b>  |                   |             |             |        |
| 1429.00   | Vertical          | -57.48      | -13.00      | Pass   |
| 2143.50   | V                 | -49.74      |             |        |
| 2858.00   | V                 | -53.37      |             |        |
| 1429.00   | Horizontal        | -58.09      |             |        |
| 2143.50   | H                 | -46.37      |             |        |
| 2858.00   | H                 | -53.35      |             |        |
| <p><i>Note:</i></p> <ol style="list-style-type: none"> <li><i>The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.</i></li> <li><i>For above 1 GHz, all test modes were performed, and just the worst case shown in the report.</i></li> </ol> |                   |             |             |        |

| LTE Band 12, WB: 5MHz   |                   |             |             |        |
|---|-------------------|-------------|-------------|--------|
| RB size 1 & RB offset 0   |                   |             |             |        |
| Frequency (MHz)   | Spurious Emission |             | Limit (dBm) | Result |
|   | Polarization      | Level (dBm) |             |        |
| <b>Lowest Channel</b>   |                   |             |             |        |
| 1403.00   | Vertical          | -57.14      | -13.00      | Pass   |
| 2104.50   | V                 | -49.80      |             |        |
| 2806.00   | V                 | -53.96      |             |        |
| 1403.00   | Horizontal        | -58.72      |             |        |
| 2104.50   | H                 | -46.74      |             |        |
| 2806.00   | H                 | -53.31      |             |        |
| <b>Middle Channel</b>   |                   |             |             |        |
| 1415.00   | Vertical          | -57.81      | -13.00      | Pass   |
| 2122.50   | V                 | -49.21      |             |        |
| 2830.00   | V                 | -53.03      |             |        |
| 1415.00   | Horizontal        | -58.69      |             |        |
| 2122.50   | H                 | -46.14      |             |        |
| 2830.00   | H                 | -53.81      |             |        |
| <b>Highest Channel</b>  |                   |             |             |        |
| 1427.00   | Vertical          | -57.74      | -13.00      | Pass   |
| 2410.50   | V                 | -49.42      |             |        |
| 2854.00   | V                 | -53.24      |             |        |
| 1427.00   | Horizontal        | -58.62      |             |        |
| 2410.50   | H                 | -46.53      |             |        |
| 2854.00   | H                 | -53.40      |             |        |
| <p><i>Note:</i></p> <ol style="list-style-type: none"> <li><i>The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.</i></li> <li><i>For above 1 GHz, all test modes were performed, and just the worst case shown in the report.</i></li> </ol> |                   |             |             |        |

| LTE Band 12, WB: 10MHz  |                   |             |             |        |
|---|-------------------|-------------|-------------|--------|
| RB size 1 & RB offset 0   |                   |             |             |        |
| Frequency (MHz)   | Spurious Emission |             | Limit (dBm) | Result |
|   | Polarization      | Level (dBm) |             |        |
| <b>Lowest Channel</b>   |                   |             |             |        |
| 1408.00   | Vertical          | -57.58      | -13.00      | Pass   |
| 2112.00   | V                 | -49.47      |             |        |
| 2816.00   | V                 | -53.31      |             |        |
| 1408.00   | Horizontal        | -58.31      |             |        |
| 2112.00   | H                 | -46.42      |             |        |
| 2816.00   | H                 | -53.93      |             |        |
| <b>Middle Channel</b>   |                   |             |             |        |
| 1415.00   | Vertical          | -57.18      | -13.00      | Pass   |
| 2122.50   | V                 | -49.28      |             |        |
| 2830.00   | V                 | -53.81      |             |        |
| 1415.00   | Horizontal        | -58.43      |             |        |
| 2122.50   | H                 | -46.80      |             |        |
| 2830.00   | H                 | -53.63      |             |        |
| <b>Highest Channel</b>  |                   |             |             |        |
| 1422.00   | Vertical          | -57.62      | -13.00      | Pass   |
| 2133.00   | V                 | -49.63      |             |        |
| 2844.00   | V                 | -53.81      |             |        |
| 1422.00   | Horizontal        | -58.36      |             |        |
| 2133.00   | H                 | -46.43      |             |        |
| 2844.00   | H                 | -53.53      |             |        |
| <p><i>Note:</i></p> <ol style="list-style-type: none"> <li><i>The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.</i></li> <li><i>For above 1 GHz, all test modes were performed, and just the worst case shown in the report.</i></li> </ol> |                   |             |             |        |

**LTE Band 25 part:**

| LTE Band 25, WB: 1.4MHz  |                   |             |             |        |
|--|-------------------|-------------|-------------|--------|
| RB size 1 & RB offset 0  |                   |             |             |        |
| Frequency (MHz)  | Spurious Emission |             | Limit (dBm) | Result |
|  | Polarization      | Level (dBm) |             |        |
| <b>Lowest Channel</b>  |                   |             |             |        |
| 3701.40  | Vertical          | -50.99      | -13.00      | Pass   |
| 5552.10  | V                 | -45.28      |             |        |
| 7402.80  | V                 | -38.07      |             |        |
| 3701.40  | Horizontal        | -51.26      |             |        |
| 5552.10  | H                 | -43.23      |             |        |
| 7402.80  | H                 | -37.35      |             |        |
| <b>Middle Channel</b>  |                   |             |             |        |
| 3765.00  | Vertical          | -50.37      | -13.00      | Pass   |
| 5647.50  | V                 | -45.56      |             |        |
| 7530.00  | V                 | -38.75      |             |        |
| 3765.00  | Horizontal        | -51.66      |             |        |
| 5647.50  | H                 | -43.46      |             |        |
| 7530.00  | H                 | -37.27      |             |        |
| <b>Highest Channel</b>   |                   |             |             |        |
| 3828.60  | Vertical          | -50.66      | -13.00      | Pass   |
| 5742.90  | V                 | -45.46      |             |        |
| 7657.20  | V                 | -38.27      |             |        |
| 3828.60  | Horizontal        | -51.67      |             |        |
| 5742.90  | H                 | -43.60      |             |        |
| 7657.20  | H                 | -37.78      |             |        |
| <p>Note:</p> <ol style="list-style-type: none"> <li>The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.</li> <li>For above 1 GHz, all test modes were performed, and just the worst case shown in the report.</li> </ol> |                   |             |             |        |

| LTE Band 25, WB: 3MHz   |                   |             |             |        |
|---|-------------------|-------------|-------------|--------|
| RB size 1 & RB offset 0   |                   |             |             |        |
| Frequency (MHz)   | Spurious Emission |             | Limit (dBm) | Result |
|   | Polarization      | Level (dBm) |             |        |
| <b>Lowest Channel</b>   |                   |             |             |        |
| 3703.00   | Vertical          | -50.60      | -13.00      | Pass   |
| 5554.50   | V                 | -45.68      |             |        |
| 7406.00   | V                 | -38.42      |             |        |
| 3703.00   | Horizontal        | -51.84      |             |        |
| 5554.50   | H                 | -43.44      |             |        |
| 7406.00   | H                 | -37.84      |             |        |
| <b>Middle Channel</b>   |                   |             |             |        |
| 3765.00   | Vertical          | -50.41      | -13.00      | Pass   |
| 5647.50   | V                 | -45.99      |             |        |
| 7530.00   | V                 | -38.07      |             |        |
| 3765.00   | Horizontal        | -51.12      |             |        |
| 5647.50   | H                 | -43.99      |             |        |
| 7530.00   | H                 | -37.38      |             |        |
| <b>Highest Channel</b>  |                   |             |             |        |
| 3827.00   | Vertical          | -50.10      | -13.00      | Pass   |
| 5740.50   | V                 | -45.68      |             |        |
| 7654.00   | V                 | -38.76      |             |        |
| 3827.00   | Horizontal        | -51.79      |             |        |
| 5740.50   | H                 | -43.57      |             |        |
| 7654.00   | H                 | -37.61      |             |        |
| <p><i>Note:</i></p> <ol style="list-style-type: none"> <li><i>The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.</i></li> <li><i>For above 1 GHz, all test modes were performed, and just the worst case shown in the report.</i></li> </ol> |                   |             |             |        |

| LTE Band 25, WB: 5MHz   |                   |             |             |        |
|---|-------------------|-------------|-------------|--------|
| RB size 1 & RB offset 0   |                   |             |             |        |
| Frequency (MHz)   | Spurious Emission |             | Limit (dBm) | Result |
|   | Polarization      | Level (dBm) |             |        |
| <b>Lowest Channel</b>   |                   |             |             |        |
| 3705.00   | Vertical          | -50.82      | -13.00      | Pass   |
| 5557.50   | V                 | -45.21      |             |        |
| 7410.00   | V                 | -38.29      |             |        |
| 3705.00   | Horizontal        | -51.92      |             |        |
| 5557.50   | H                 | -43.08      |             |        |
| 7410.00   | H                 | -37.57      |             |        |
| <b>Middle Channel</b>   |                   |             |             |        |
| 3765.00   | Vertical          | -50.65      | -13.00      | Pass   |
| 5647.50   | V                 | -45.10      |             |        |
| 7530.00   | V                 | -38.68      |             |        |
| 3765.00   | Horizontal        | -51.54      |             |        |
| 5647.50   | H                 | -43.58      |             |        |
| 7530.00   | H                 | -37.62      |             |        |
| <b>Highest Channel</b>  |                   |             |             |        |
| 3825.00   | Vertical          | -50.87      | -13.00      | Pass   |
| 5737.50   | V                 | -45.06      |             |        |
| 7650.00   | V                 | -38.76      |             |        |
| 3825.00   | Horizontal        | -51.46      |             |        |
| 5737.50   | H                 | -43.67      |             |        |
| 7650.00   | H                 | -37.61      |             |        |
| <p><i>Note:</i></p> <ol style="list-style-type: none"> <li><i>The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.</i></li> <li><i>For above 1 GHz, all test modes were performed, and just the worst case shown in the report.</i></li> </ol> |                   |             |             |        |



| LTE Band 25, WB: 10MHz  |                   |             |             |        |
|---|-------------------|-------------|-------------|--------|
| RB size 1 & RB offset 0   |                   |             |             |        |
| Frequency (MHz)   | Spurious Emission |             | Limit (dBm) | Result |
|   | Polarization      | Level (dBm) |             |        |
| <b>Lowest Channel</b>   |                   |             |             |        |
| 3710.00   | Vertical          | -50.85      | -13.00      | Pass   |
| 5565.00   | V                 | -45.66      |             |        |
| 7420.00   | V                 | -38.64      |             |        |
| 3710.00   | Horizontal        | -51.62      |             |        |
| 5565.00   | H                 | -43.72      |             |        |
| 7420.00   | H                 | -37.67      |             |        |
| <b>Middle Channel</b>   |                   |             |             |        |
| 3765.00   | Vertical          | -50.85      | -13.00      | Pass   |
| 5647.50   | V                 | -45.38      |             |        |
| 7530.00   | V                 | -38.14      |             |        |
| 3765.00   | Horizontal        | -51.05      |             |        |
| 5647.50   | H                 | -43.16      |             |        |
| 7530.00   | H                 | -37.68      |             |        |
| <b>Highest Channel</b>  |                   |             |             |        |
| 3820.00   | Vertical          | -50.99      | -13.00      | Pass   |
| 5730.00   | V                 | -45.22      |             |        |
| 7640.00   | V                 | -38.38      |             |        |
| 3820.00   | Horizontal        | -51.67      |             |        |
| 5730.00   | H                 | -43.07      |             |        |
| 7640.00   | H                 | -37.68      |             |        |
| <p><i>Note:</i></p> <ol style="list-style-type: none"> <li><i>The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.</i></li> <li><i>For above 1 GHz, all test modes were performed, and just the worst case shown in the report.</i></li> </ol> |                   |             |             |        |

| LTE Band 25, WB: 15MHz  |                   |             |             |        |
|---|-------------------|-------------|-------------|--------|
| RB size 1 & RB offset 0   |                   |             |             |        |
| Frequency (MHz)   | Spurious Emission |             | Limit (dBm) | Result |
|   | Polarization      | Level (dBm) |             |        |
| <b>Lowest Channel</b>   |                   |             |             |        |
| 3715.00   | Vertical          | -50.03      | -13.00      | Pass   |
| 5572.50   | V                 | -45.92      |             |        |
| 7430.00   | V                 | -38.08      |             |        |
| 3715.00   | Horizontal        | -51.92      |             |        |
| 5572.50   | H                 | -43.21      |             |        |
| 7430.00   | H                 | -37.57      |             |        |
| <b>Middle Channel</b>   |                   |             |             |        |
| 3765.00   | Vertical          | -50.15      | -13.00      | Pass   |
| 5647.50   | V                 | -45.45      |             |        |
| 7530.00   | V                 | -38.74      |             |        |
| 3765.00   | Horizontal        | -51.37      |             |        |
| 5647.50   | H                 | -43.16      |             |        |
| 7530.00   | H                 | -37.68      |             |        |
| <b>Highest Channel</b>  |                   |             |             |        |
| 3815.00   | Vertical          | -50.73      | -13.00      | Pass   |
| 5722.50   | V                 | -45.12      |             |        |
| 7630.00   | V                 | -38.56      |             |        |
| 3815.00   | Horizontal        | -51.10      |             |        |
| 5722.50   | H                 | -43.85      |             |        |
| 7630.00   | H                 | -37.26      |             |        |
| <p><i>Note:</i></p> <ol style="list-style-type: none"> <li><i>The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.</i></li> <li><i>For above 1 GHz, all test modes were performed, and just the worst case shown in the report.</i></li> </ol> |                   |             |             |        |

| LTE Band 25, WB: 20MHz  |                   |             |             |        |
|---|-------------------|-------------|-------------|--------|
| RB size 1 & RB offset 0   |                   |             |             |        |
| Frequency (MHz)   | Spurious Emission |             | Limit (dBm) | Result |
|   | Polarization      | Level (dBm) |             |        |
| <b>Lowest Channel</b>   |                   |             |             |        |
| 3720.00   | Vertical          | -50.11      | -13.00      | Pass   |
| 5580.00   | V                 | -45.85      |             |        |
| 7440.00   | V                 | -38.28      |             |        |
| 3720.00   | Horizontal        | -51.68      |             |        |
| 5580.00   | H                 | -43.07      |             |        |
| 7440.00   | H                 | -37.26      |             |        |
| <b>Middle Channel</b>   |                   |             |             |        |
| 3765.00   | Vertical          | -50.07      | -13.00      | Pass   |
| 5647.50   | V                 | -45.99      |             |        |
| 7530.00   | V                 | -38.32      |             |        |
| 3765.00   | Horizontal        | -51.61      |             |        |
| 5647.50   | H                 | -43.23      |             |        |
| 7530.00   | H                 | -37.98      |             |        |
| <b>Highest Channel</b>  |                   |             |             |        |
| 3810.00   | Vertical          | -50.79      | -13.00      | Pass   |
| 5715.00   | V                 | -45.11      |             |        |
| 7620.00   | V                 | -38.46      |             |        |
| 3810.00   | Horizontal        | -51.73      |             |        |
| 5715.00   | H                 | -43.75      |             |        |
| 7620.00   | H                 | -37.92      |             |        |
| <p><i>Note:</i></p> <ol style="list-style-type: none"> <li><i>The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.</i></li> <li><i>For above 1 GHz, all test modes were performed, and just the worst case shown in the report.</i></li> </ol> |                   |             |             |        |

**LTE Band 5&26(part 22H):**

| LTE Band 5&26(part 22H), WB: 1.4MHz  |                   |             |             |        |
|--|-------------------|-------------|-------------|--------|
| RB size 1 & RB offset 0  |                   |             |             |        |
| Frequency (MHz)  | Spurious Emission |             | Limit (dBm) | Result |
|  | Polarization      | Level (dBm) |             |        |
| <b>Lowest Channel</b>  |                   |             |             |        |
| 1649.40  | Vertical          | -46.66      | -13.00      | Pass   |
| 2474.10  | V                 | -42.07      |             |        |
| 3298.80  | V                 | -51.47      |             |        |
| 1649.40  | Horizontal        | -47.99      |             |        |
| 2474.10  | H                 | -41.97      |             |        |
| 3298.80  | H                 | -52.02      |             |        |
| <b>Middle Channel</b>  |                   |             |             |        |
| 1673.00  | Vertical          | -46.16      | -13.00      | Pass   |
| 2509.50  | V                 | -42.24      |             |        |
| 3346.00  | V                 | -51.33      |             |        |
| 1673.00  | Horizontal        | -47.49      |             |        |
| 2509.50  | H                 | -41.93      |             |        |
| 3346.00  | H                 | -52.47      |             |        |
| <b>Highest Channel</b>   |                   |             |             |        |
| 1696.60  | Vertical          | -46.93      | -13.00      | Pass   |
| 2544.90  | V                 | -42.37      |             |        |
| 3393.20  | V                 | -51.27      |             |        |
| 1696.60  | Horizontal        | -47.09      |             |        |
| 2544.90  | H                 | -41.82      |             |        |
| 3393.20  | H                 | -52.35      |             |        |
| <p>Note:</p> <ol style="list-style-type: none"> <li>The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.</li> <li>For above 1 GHz, all test modes were performed, and just the worst case shown in the report.</li> </ol> |                   |             |             |        |

| LTE Band 5&26(part 22H), WB: 3MHz   |                   |             |             |        |
|---|-------------------|-------------|-------------|--------|
| RB size 1 & RB offset 0   |                   |             |             |        |
| Frequency (MHz)   | Spurious Emission |             | Limit (dBm) | Result |
|   | Polarization      | Level (dBm) |             |        |
| <b>Lowest Channel</b>   |                   |             |             |        |
| 1651.00   | Vertical          | -46.55      | -13.00      | Pass   |
| 2476.50   | V                 | -42.82      |             |        |
| 3302.00   | V                 | -51.09      |             |        |
| 1651.00   | Horizontal        | -47.93      |             |        |
| 2476.50   | H                 | -41.42      |             |        |
| 3302.00   | H                 | -52.49      |             |        |
| <b>Middle Channel</b>   |                   |             |             |        |
| 1673.00   | Vertical          | -46.39      | -13.00      | Pass   |
| 2509.50   | V                 | -42.91      |             |        |
| 3346.00   | V                 | -51.58      |             |        |
| 1673.00   | Horizontal        | -47.23      |             |        |
| 2509.50   | H                 | -41.82      |             |        |
| 3346.00   | H                 | -52.37      |             |        |
| <b>Highest Channel</b>  |                   |             |             |        |
| 1695.00   | Vertical          | -46.38      | -13.00      | Pass   |
| 2542.50   | V                 | -42.60      |             |        |
| 3390.00   | V                 | -51.83      |             |        |
| 1695.00   | Horizontal        | -47.55      |             |        |
| 2542.50   | H                 | -41.99      |             |        |
| 3390.00   | H                 | -52.25      |             |        |
| <p><i>Note:</i></p> <ol style="list-style-type: none"> <li><i>The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.</i></li> <li><i>For above 1 GHz, all test modes were performed, and just the worst case shown in the report.</i></li> </ol> |                   |             |             |        |

| LTE Band 5&26(part 22H), WB: 5MHz   |                   |             |             |        |
|---|-------------------|-------------|-------------|--------|
| RB size 1 & RB offset 0   |                   |             |             |        |
| Frequency (MHz)   | Spurious Emission |             | Limit (dBm) | Result |
|   | Polarization      | Level (dBm) |             |        |
| <b>Lowest Channel</b>   |                   |             |             |        |
| 1653.00   | Vertical          | -46.03      | -13.00      | Pass   |
| 2479.50   | V                 | -42.93      |             |        |
| 3306.00   | V                 | -51.38      |             |        |
| 1653.00   | Horizontal        | -47.13      |             |        |
| 2479.50   | H                 | -41.28      |             |        |
| 3306.00   | H                 | -52.03      |             |        |
| <b>Middle Channel</b>   |                   |             |             |        |
| 1673.00   | Vertical          | -46.47      | -13.00      | Pass   |
| 2509.50   | V                 | -42.99      |             |        |
| 3346.00   | V                 | -51.98      |             |        |
| 1673.00   | Horizontal        | -47.41      |             |        |
| 2509.50   | H                 | -41.15      |             |        |
| 3346.00   | H                 | -52.93      |             |        |
| <b>Highest Channel</b>  |                   |             |             |        |
| 1693.00   | Vertical          | -46.37      | -13.00      | Pass   |
| 2539.50   | V                 | -42.26      |             |        |
| 3386.00   | V                 | -51.58      |             |        |
| 1693.00   | Horizontal        | -47.63      |             |        |
| 2539.50   | H                 | -41.41      |             |        |
| 3386.00   | H                 | -52.12      |             |        |
| <p><i>Note:</i></p> <ol style="list-style-type: none"> <li><i>The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.</i></li> <li><i>For above 1 GHz, all test modes were performed, and just the worst case shown in the report.</i></li> </ol> |                   |             |             |        |

| LTE Band 5&26(part 22H), WB: 10MHz  |                   |             |             |        |
|---|-------------------|-------------|-------------|--------|
| RB size 1 & RB offset 0   |                   |             |             |        |
| Frequency (MHz)   | Spurious Emission |             | Limit (dBm) | Result |
|   | Polarization      | Level (dBm) |             |        |
| <b>Lowest Channel</b>   |                   |             |             |        |
| 1658.00   | Vertical          | -46.39      | -13.00      | Pass   |
| 2487.00   | V                 | -42.12      |             |        |
| 3316.00   | V                 | -51.28      |             |        |
| 1658.00   | Horizontal        | -47.38      |             |        |
| 2487.00   | H                 | -41.39      |             |        |
| 3316.00   | H                 | -52.37      |             |        |
| <b>Middle Channel</b>   |                   |             |             |        |
| 1673.00   | Vertical          | -46.41      | -13.00      | Pass   |
| 2509.50   | V                 | -42.98      |             |        |
| 3346.00   | V                 | -51.03      |             |        |
| 1673.00   | Horizontal        | -47.93      |             |        |
| 2509.50   | H                 | -41.38      |             |        |
| 3346.00   | H                 | -52.03      |             |        |
| <b>Highest Channel</b>  |                   |             |             |        |
| 1688.00   | Vertical          | -46.91      | -13.00      | Pass   |
| 2532.00   | V                 | -42.12      |             |        |
| 3376.00   | V                 | -51.35      |             |        |
| 1688.00   | Horizontal        | -47.58      |             |        |
| 2532.00   | H                 | -41.42      |             |        |
| 3376.00   | H                 | -52.88      |             |        |
| <p><i>Note:</i></p> <ol style="list-style-type: none"> <li><i>The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.</i></li> <li><i>For above 1 GHz, all test modes were performed, and just the worst case shown in the report.</i></li> </ol> |                   |             |             |        |

| LTE Band 26(part 22H), WB: 15MHz  |                   |             |             |        |
|---|-------------------|-------------|-------------|--------|
| RB size 1 & RB offset 0   |                   |             |             |        |
| Frequency (MHz)   | Spurious Emission |             | Limit (dBm) | Result |
|   | Polarization      | Level (dBm) |             |        |
| <b>Lowest Channel</b>   |                   |             |             |        |
| 1663.00   | Vertical          | -46.37      | -13.00      | Pass   |
| 2494.50   | V                 | -42.47      |             |        |
| 3326.00   | V                 | -51.52      |             |        |
| 1663.00   | Horizontal        | -47.42      |             |        |
| 2494.50   | H                 | -41.12      |             |        |
| 3326.00   | H                 | -52.98      |             |        |
| <b>Middle Channel</b>   |                   |             |             |        |
| 1673.00   | Vertical          | -46.58      | -13.00      | Pass   |
| 2509.50   | V                 | -42.83      |             |        |
| 3346.00   | V                 | -51.25      |             |        |
| 1673.00   | Horizontal        | -47.55      |             |        |
| 2509.50   | H                 | -41.98      |             |        |
| 3346.00   | H                 | -52.42      |             |        |
| <b>Highest Channel</b>  |                   |             |             |        |
| 1683.00   | Vertical          | -46.07      | -13.00      | Pass   |
| 2524.50   | V                 | -42.25      |             |        |
| 3366.00   | V                 | -51.28      |             |        |
| 1683.00   | Horizontal        | -47.99      |             |        |
| 2524.50   | H                 | -41.42      |             |        |
| 3366.00   | H                 | -52.52      |             |        |
| <p><i>Note:</i></p> <ol style="list-style-type: none"> <li><i>The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.</i></li> <li><i>For above 1 GHz, all test modes were performed, and just the worst case shown in the report.</i></li> </ol> |                   |             |             |        |



**LTE Band 26(part 90S):**

| LTE Band 26(part 90S), WB: 1.4MHz  |                   |             |             |        |
|--|-------------------|-------------|-------------|--------|
| RB size 1 & RB offset 0  |                   |             |             |        |
| Frequency (MHz)  | Spurious Emission |             | Limit (dBm) | Result |
|  | Polarization      | Level (dBm) |             |        |
| <b>Lowest Channel</b>  |                   |             |             |        |
| 1629.40  | Vertical          | -46.25      | -13.00      | Pass   |
| 2444.10  | V                 | -42.09      |             |        |
| 3258.80  | V                 | -51.47      |             |        |
| 1629.40  | Horizontal        | -47.15      |             |        |
| 2444.10  | H                 | -41.28      |             |        |
| 3258.80  | H                 | -52.48      |             |        |
| <b>Middle Channel</b>  |                   |             |             |        |
| 1638.00  | Vertical          | -46.36      | -13.00      | Pass   |
| 2457.00  | V                 | -42.28      |             |        |
| 3276.00  | V                 | -51.48      |             |        |
| 1638.00  | Horizontal        | -47.36      |             |        |
| 2457.00  | H                 | -41.93      |             |        |
| 3276.00  | H                 | -52.83      |             |        |
| <b>Highest Channel</b>   |                   |             |             |        |
| 1646.60  | Vertical          | -46.07      | -13.00      | Pass   |
| 2469.90  | V                 | -42.95      |             |        |
| 3293.20  | V                 | -51.55      |             |        |
| 1646.60  | Horizontal        | -47.37      |             |        |
| 2469.90  | H                 | -41.25      |             |        |
| 3293.20  | H                 | -52.03      |             |        |
| <p>Note:</p> <ol style="list-style-type: none"> <li>The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.</li> <li>For above 1 GHz, all test modes were performed, and just the worst case shown in the report.</li> </ol> |                   |             |             |        |

| LTE Band 26(part 90S), WB: 3MHz   |                   |             |             |        |
|---|-------------------|-------------|-------------|--------|
| RB size 1 & RB offset 0   |                   |             |             |        |
| Frequency (MHz)   | Spurious Emission |             | Limit (dBm) | Result |
|   | Polarization      | Level (dBm) |             |        |
| <b>Lowest Channel</b>   |                   |             |             |        |
| 1631.00   | Vertical          | -46.41      | -13.00      | Pass   |
| 2446.50   | V                 | -42.30      |             |        |
| 3262.00   | V                 | -51.28      |             |        |
| 1631.00   | Horizontal        | -47.47      |             |        |
| 2446.50   | H                 | -41.09      |             |        |
| 3262.00   | H                 | -52.37      |             |        |
| <b>Middle Channel</b>   |                   |             |             |        |
| 1638.00   | Vertical          | -46.63      | -13.00      | Pass   |
| 2457.00   | V                 | -42.09      |             |        |
| 3276.00   | V                 | -51.83      |             |        |
| 1638.00   | Horizontal        | -47.91      |             |        |
| 2457.00   | H                 | -41.47      |             |        |
| 3276.00   | H                 | -52.67      |             |        |
| <b>Highest Channel</b>  |                   |             |             |        |
| 1645.00   | Vertical          | -46.41      | -13.00      | Pass   |
| 2467.50   | V                 | -42.66      |             |        |
| 3290.00   | V                 | -51.28      |             |        |
| 1645.00   | Horizontal        | -47.48      |             |        |
| 2467.50   | H                 | -41.70      |             |        |
| 3290.00   | H                 | -52.09      |             |        |
| <p><i>Note:</i></p> <ol style="list-style-type: none"> <li><i>The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.</i></li> <li><i>For above 1 GHz, all test modes were performed, and just the worst case shown in the report.</i></li> </ol> |                   |             |             |        |

| LTE Band 26(part 90S), WB: 5MHz   |                   |             |             |        |
|---|-------------------|-------------|-------------|--------|
| RB size 1 & RB offset 0   |                   |             |             |        |
| Frequency (MHz)   | Spurious Emission |             | Limit (dBm) | Result |
|   | Polarization      | Level (dBm) |             |        |
| <b>Lowest Channel</b>   |                   |             |             |        |
| 1633.00   | Vertical          | -46.37      | -13.00      | Pass   |
| 2449.50   | V                 | -42.48      |             |        |
| 3266.00   | V                 | -51.82      |             |        |
| 1633.00   | Horizontal        | -47.48      |             |        |
| 2449.50   | H                 | -41.95      |             |        |
| 3266.00   | H                 | -52.63      |             |        |
| <b>Middle Channel</b>   |                   |             |             |        |
| 1638.00   | Vertical          | -46.46      | -13.00      | Pass   |
| 2457.00   | V                 | -42.33      |             |        |
| 3276.00   | V                 | -51.47      |             |        |
| 1638.00   | Horizontal        | -47.55      |             |        |
| 2457.00   | H                 | -41.82      |             |        |
| 3276.00   | H                 | -52.55      |             |        |
| <b>Highest Channel</b>  |                   |             |             |        |
| 1643.00   | Vertical          | -46.12      | -13.00      | Pass   |
| 2464.50   | V                 | -42.08      |             |        |
| 3286.00   | V                 | -51.28      |             |        |
| 1643.00   | Horizontal        | -47.07      |             |        |
| 2464.50   | H                 | -41.93      |             |        |
| 3286.00   | H                 | -52.55      |             |        |
| <p><i>Note:</i></p> <ol style="list-style-type: none"> <li><i>The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.</i></li> <li><i>For above 1 GHz, all test modes were performed, and just the worst case shown in the report.</i></li> </ol> |                   |             |             |        |

| LTE Band 26(part 90S), WB: 10MHz  |                   |             |             |        |
|---|-------------------|-------------|-------------|--------|
| RB size 1 & RB offset 0   |                   |             |             |        |
| Frequency (MHz)   | Spurious Emission |             | Limit (dBm) | Result |
|   | Polarization      | Level (dBm) |             |        |
| <b>Middle Channel</b>   |                   |             |             |        |
| 1638.00   | Vertical          | -46.91      | -13.00      | Pass   |
| 2457.00   | V                 | -42.08      |             |        |
| 3276.00   | V                 | -51.03      |             |        |
| 1638.00   | Horizontal        | -47.25      |             |        |
| 2457.00   | H                 | -41.93      |             |        |
| 3276.00   | H                 | -52.24      |             |        |
| <i>Note:</i><br>1. The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.<br>2. For above 1 GHz, all test modes were performed, and just the worst case shown in the report. |                   |             |             |        |

| LTE Band 26(part 90S), WB: 15MHz  |                   |             |             |        |
|---|-------------------|-------------|-------------|--------|
| RB size 1 & RB offset 0   |                   |             |             |        |
| Frequency (MHz)   | Spurious Emission |             | Limit (dBm) | Result |
|   | Polarization      | Level (dBm) |             |        |
| <b>Lowest Channel</b>   |                   |             |             |        |
| 1643.00   | Vertical          | -46.51      | -13.00      | Pass   |
| 2464.50   | V                 | -42.67      |             |        |
| 3286.00   | V                 | -51.37      |             |        |
| 1643.00   | Horizontal        | -47.15      |             |        |
| 2464.50   | H                 | -41.95      |             |        |
| 3286.00   | H                 | -52.55      |             |        |
| <i>Note:</i><br>1. The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.<br>2. For above 1 GHz, all test modes were performed, and just the worst case shown in the report. |                   |             |             |        |

**LTE Band 41 part:**

| LTE Band 41, WB: 5MHz  |                   |             |             |        |
|--|-------------------|-------------|-------------|--------|
| RB size 1 & RB offset 0  |                   |             |             |        |
| Frequency (MHz)  | Spurious Emission |             | Limit (dBm) | Result |
|  | Polarization      | Level (dBm) |             |        |
| <b>Lowest Channel</b>  |                   |             |             |        |
| 5115.00  | Vertical          | -46.43      | -25.00      | Pass   |
| 7672.50  | V                 | -40.06      |             |        |
| 10230.00   | V                 | -36.64      |             |        |
| 5115.00  | Horizontal        | -46.17      |             |        |
| 7672.50  | H                 | -39.62      |             |        |
| 10230.00   | H                 | -35.12      |             |        |
| <b>Middle Channel</b>  |                   |             |             |        |
| 5210.00  | Vertical          | -46.25      | -25.00      | Pass   |
| 7815.00  | V                 | -40.08      |             |        |
| 10420.00   | V                 | -36.87      |             |        |
| 5210.00  | Horizontal        | -46.64      |             |        |
| 7815.00  | H                 | -39.81      |             |        |
| 10420.00   | H                 | -35.87      |             |        |
| <b>Highest Channel</b>   |                   |             |             |        |
| 5305.00  | Vertical          | -46.26      | -25.00      | Pass   |
| 7957.50  | V                 | -40.64      |             |        |
| 10610.00   | V                 | -36.68      |             |        |
| 5305.00  | Horizontal        | -46.41      |             |        |
| 7957.50  | H                 | -39.87      |             |        |
| 10610.00   | H                 | -35.15      |             |        |
| <p>Note:</p> <ol style="list-style-type: none"> <li>The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.</li> <li>For above 1 GHz, all test modes were performed, and just the worst case shown in the report.</li> </ol> |                   |             |             |        |

| LTE Band 41, WB: 10MHz  |                   |             |             |        |
|---|-------------------|-------------|-------------|--------|
| RB size 1 & RB offset 0   |                   |             |             |        |
| Frequency (MHz)   | Spurious Emission |             | Limit (dBm) | Result |
|   | Polarization      | Level (dBm) |             |        |
| <b>Lowest Channel</b>   |                   |             |             |        |
| 5120.00   | Vertical          | -46.78      | -25.00      | Pass   |
| 7680.00   | V                 | -40.14      |             |        |
| 10240.00  | V                 | -36.19      |             |        |
| 5120.00   | Horizontal        | -46.09      |             |        |
| 7680.00   | H                 | -39.95      |             |        |
| 10240.00  | H                 | -35.46      |             |        |
| <b>Middle Channel</b>   |                   |             |             |        |
| 5210.00   | Vertical          | -46.09      | -25.00      | Pass   |
| 7815.00   | V                 | -40.87      |             |        |
| 10420.00  | V                 | -36.12      |             |        |
| 5210.00   | Horizontal        | -46.07      |             |        |
| 7815.00   | H                 | -39.44      |             |        |
| 10420.00  | H                 | -35.06      |             |        |
| <b>Highest Channel</b>  |                   |             |             |        |
| 5300.00   | Vertical          | -46.89      | -25.00      | Pass   |
| 7950.00   | V                 | -40.44      |             |        |
| 10600.00  | V                 | -36.46      |             |        |
| 5300.00   | Horizontal        | -46.92      |             |        |
| 7950.00   | H                 | -39.08      |             |        |
| 10600.00  | H                 | -35.14      |             |        |
| <p><i>Note:</i></p> <ol style="list-style-type: none"> <li><i>The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.</i></li> <li><i>For above 1 GHz, all test modes were performed, and just the worst case shown in the report.</i></li> </ol> |                   |             |             |        |

| LTE Band 41, WB: 15MHz  |                   |             |             |        |
|---|-------------------|-------------|-------------|--------|
| RB size 1 & RB offset 0   |                   |             |             |        |
| Frequency (MHz)   | Spurious Emission |             | Limit (dBm) | Result |
|   | Polarization      | Level (dBm) |             |        |
| <b>Lowest Channel</b>   |                   |             |             |        |
| 5125.00   | Vertical          | -46.08      | -25.00      | Pass   |
| 7687.50   | V                 | -40.23      |             |        |
| 10250.00  | V                 | -36.08      |             |        |
| 5125.00   | Horizontal        | -46.64      |             |        |
| 7687.50   | H                 | -39.04      |             |        |
| 10250.00  | H                 | -35.51      |             |        |
| <b>Middle Channel</b>   |                   |             |             |        |
| 5210.00   | Vertical          | -46.42      | -25.00      | Pass   |
| 7815.00   | V                 | -40.06      |             |        |
| 10420.00  | V                 | -36.99      |             |        |
| 5210.00   | Horizontal        | -46.12      |             |        |
| 7815.00   | H                 | -39.07      |             |        |
| 10420.00  | H                 | -35.64      |             |        |
| <b>Highest Channel</b>  |                   |             |             |        |
| 5295.00   | Vertical          | -46.51      | -25.00      | Pass   |
| 7942.50   | V                 | -40.68      |             |        |
| 10590.00  | V                 | -36.95      |             |        |
| 5295.00   | Horizontal        | -46.44      |             |        |
| 7942.50   | H                 | -39.41      |             |        |
| 10590.00  | H                 | -35.09      |             |        |
| <p><i>Note:</i></p> <ol style="list-style-type: none"> <li><i>The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.</i></li> <li><i>For above 1 GHz, all test modes were performed, and just the worst case shown in the report.</i></li> </ol> |                   |             |             |        |

| LTE Band 41, WB: 20MHz  |                   |             |             |        |
|---|-------------------|-------------|-------------|--------|
| RB size 1 & RB offset 0   |                   |             |             |        |
| Frequency (MHz)   | Spurious Emission |             | Limit (dBm) | Result |
|   | Polarization      | Level (dBm) |             |        |
| <b>Lowest Channel</b>   |                   |             |             |        |
| 5130.00   | Vertical          | -46.39      | -25.00      | Pass   |
| 7695.00   | V                 | -40.87      |             |        |
| 10260.00  | V                 | -36.12      |             |        |
| 5130.00   | Horizontal        | -46.34      |             |        |
| 7695.00   | H                 | 39.08       |             |        |
| 10260.00  | H                 | -35.68      |             |        |
| <b>Middle Channel</b>   |                   |             |             |        |
| 5210.00   | Vertical          | -46.78      | -25.00      | Pass   |
| 7815.00   | V                 | -40.39      |             |        |
| 10420.00  | V                 | -36.08      |             |        |
| 5210.00   | Horizontal        | -46.51      |             |        |
| 7815.00   | H                 | -39.68      |             |        |
| 10420.00  | H                 | -35.91      |             |        |
| <b>Highest Channel</b>  |                   |             |             |        |
| 5290.00   | Vertical          | -46.24      | -25.00      | Pass   |
| 7935.00   | V                 | -40.27      |             |        |
| 10580.00  | V                 | -36.07      |             |        |
| 5290.00   | Horizontal        | -46.44      |             |        |
| 7935.00   | H                 | -39.06      |             |        |
| 10580.00  | H                 | -35.07      |             |        |
| <p><i>Note:</i></p> <ol style="list-style-type: none"> <li><i>The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.</i></li> <li><i>For above 1 GHz, all test modes were performed, and just the worst case shown in the report.</i></li> </ol> |                   |             |             |        |



**LTE Band 66 part:**

| LTE Band 66, WB: 1.4MHz   |                   |             |             |        |
|---|-------------------|-------------|-------------|--------|
| RB size 1 & RB offset 0   |                   |             |             |        |
| Frequency (MHz)   | Spurious Emission |             | Limit (dBm) | Result |
|   | Polarization      | Level (dBm) |             |        |
| <b>Lowest Channel</b>   |                   |             |             |        |
| 3421.40   | Vertical          | -50.28      | -13.00      | Pass   |
| 5132.10   | V                 | -42.78      |             |        |
| 6842.80   | V                 | -38.56      |             |        |
| 3421.40   | Horizontal        | -49.35      |             |        |
| 5132.10   | H                 | -42.11      |             |        |
| 6842.80   | H                 | -36.88      |             |        |
| <b>Middle Channel</b>   |                   |             |             |        |
| 3490.00   | Vertical          | -50.36      | -13.00      | Pass   |
| 5235.00   | V                 | -42.12      |             |        |
| 6980.00   | V                 | -38.64      |             |        |
| 3490.00   | Horizontal        | -49.37      |             |        |
| 5235.00   | H                 | -42.56      |             |        |
| 6980.00   | H                 | -36.82      |             |        |
| <b>Highest Channel</b>  |                   |             |             |        |
| 3558.60   | Vertical          | -50.42      | -13.00      | Pass   |
| 5337.90   | V                 | -42.12      |             |        |
| 7117.20   | V                 | -38.45      |             |        |
| 3558.60   | Horizontal        | -49.50      |             |        |
| 5337.90   | H                 | -42.51      |             |        |
| 7117.20   | H                 | -36.57      |             |        |
| <p><i>Note:</i></p> <ol style="list-style-type: none"> <li><i>The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.</i></li> <li><i>For above 1 GHz, all test modes were performed, and just the worst case shown in the report.</i></li> </ol> |                   |             |             |        |

| LTE Band 66, WB: 3MHz   |                   |             |             |        |
|---|-------------------|-------------|-------------|--------|
| RB size 1 & RB offset 0   |                   |             |             |        |
| Frequency (MHz)   | Spurious Emission |             | Limit (dBm) | Result |
|   | Polarization      | Level (dBm) |             |        |
| <b>Lowest Channel</b>   |                   |             |             |        |
| 3423.00   | Vertical          | -50.36      | -13.00      | Pass   |
| 5134.50   | V                 | -42.44      |             |        |
| 6846.00   | V                 | -38.84      |             |        |
| 3423.00   | Horizontal        | -49.37      |             |        |
| 5134.50   | H                 | -42.57      |             |        |
| 6846.00   | H                 | -36.46      |             |        |
| <b>Middle Channel</b>   |                   |             |             |        |
| 3490.00   | Vertical          | -50.46      | -13.00      | Pass   |
| 5235.00   | V                 | -42.74      |             |        |
| 6980.00   | V                 | -38.12      |             |        |
| 3490.00   | Horizontal        | -49.11      |             |        |
| 5235.00   | H                 | -42.45      |             |        |
| 6980.00   | H                 | -36.79      |             |        |
| <b>Highest Channel</b>  |                   |             |             |        |
| 3557.00   | Vertical          | -50.45      | -13.00      | Pass   |
| 5335.50   | V                 | -42.35      |             |        |
| 7114.00   | V                 | -38.57      |             |        |
| 3557.00   | Horizontal        | -49.82      |             |        |
| 5335.50   | H                 | -42.27      |             |        |
| 7114.00   | H                 | -36.75      |             |        |
| <p><i>Note:</i></p> <ol style="list-style-type: none"> <li><i>The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.</i></li> <li><i>For above 1 GHz, all test modes were performed, and just the worst case shown in the report.</i></li> </ol> |                   |             |             |        |

| LTE Band 66, WB: 5MHz   |                   |             |             |        |
|---|-------------------|-------------|-------------|--------|
| RB size 1 & RB offset 0   |                   |             |             |        |
| Frequency (MHz)   | Spurious Emission |             | Limit (dBm) | Result |
|   | Polarization      | Level (dBm) |             |        |
| <b>Lowest Channel</b>   |                   |             |             |        |
| 3425.00   | Vertical          | -50.29      | -13.00      | Pass   |
| 5137.50   | V                 | -42.12      |             |        |
| 6850.00   | V                 | -38.36      |             |        |
| 3425.00   | Horizontal        | -49.41      |             |        |
| 5137.50   | H                 | -42.45      |             |        |
| 6850.00   | H                 | -36.11      |             |        |
| <b>Middle Channel</b>   |                   |             |             |        |
| 3490.00   | Vertical          | -50.37      | -13.00      | Pass   |
| 5235.00   | V                 | -42.07      |             |        |
| 6980.00   | V                 | -38.45      |             |        |
| 3490.00   | Horizontal        | -39.82      |             |        |
| 5235.00   | H                 | -42.46      |             |        |
| 6980.00   | H                 | -36.58      |             |        |
| <b>Highest Channel</b>  |                   |             |             |        |
| 3555.00   | Vertical          | -50.36      | -13.00      | Pass   |
| 5332.50   | V                 | -42.44      |             |        |
| 7110.00   | V                 | -38.99      |             |        |
| 3555.00   | Horizontal        | -49.89      |             |        |
| 5332.50   | H                 | -42.37      |             |        |
| 7110.00   | H                 | -36.37      |             |        |
| <p><i>Note:</i></p> <ol style="list-style-type: none"> <li><i>The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.</i></li> <li><i>For above 1 GHz, all test modes were performed, and just the worst case shown in the report.</i></li> </ol> |                   |             |             |        |

| LTE Band 66, WB: 10MHz  |                   |             |             |        |
|---|-------------------|-------------|-------------|--------|
| RB size 1 & RB offset 0   |                   |             |             |        |
| Frequency (MHz)   | Spurious Emission |             | Limit (dBm) | Result |
|   | Polarization      | Level (dBm) |             |        |
| <b>Lowest Channel</b>   |                   |             |             |        |
| 3430.00   | Vertical          | -50.20      | -13.00      | Pass   |
| 5145.00   | V                 | -42.56      |             |        |
| 6860.00   | V                 | -38.51      |             |        |
| 3430.00   | Horizontal        | -49.46      |             |        |
| 5145.00   | H                 | -42.61      |             |        |
| 6860.00   | H                 | -36.50      |             |        |
| <b>Middle Channel</b>   |                   |             |             |        |
| 3490.00   | Vertical          | -50.11      | -13.00      | Pass   |
| 5235.00   | V                 | -42.37      |             |        |
| 6980.00   | V                 | -38.23      |             |        |
| 3490.00   | Horizontal        | -49.36      |             |        |
| 5235.00   | H                 | -42.45      |             |        |
| 6980.00   | H                 | -36.57      |             |        |
| <b>Highest Channel</b>  |                   |             |             |        |
| 3550.00   | Vertical          | -50.56      | -13.00      | Pass   |
| 5325.00   | V                 | -42.75      |             |        |
| 7100.00   | V                 | -38.37      |             |        |
| 3550.00   | Horizontal        | -49.50      |             |        |
| 5325.00   | H                 | -42.12      |             |        |
| 7100.00   | H                 | -36.55      |             |        |
| <p><i>Note:</i></p> <ol style="list-style-type: none"> <li><i>The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.</i></li> <li><i>For above 1 GHz, all test modes were performed, and just the worst case shown in the report.</i></li> </ol> |                   |             |             |        |

| LTE Band 66, WB: 15MHz  |                   |             |             |        |
|---|-------------------|-------------|-------------|--------|
| RB size 1 & RB offset 0   |                   |             |             |        |
| Frequency (MHz)   | Spurious Emission |             | Limit (dBm) | Result |
|   | Polarization      | Level (dBm) |             |        |
| <b>Lowest Channel</b>   |                   |             |             |        |
| 3435.00   | Vertical          | -50.61      | -13.00      | Pass   |
| 5152.50   | V                 | -42.11      |             |        |
| 6870.00   | V                 | -38.45      |             |        |
| 3435.00   | Horizontal        | -49.37      |             |        |
| 5152.50   | H                 | -42.74      |             |        |
| 6870.00   | H                 | -36.41      |             |        |
| <b>Middle Channel</b>   |                   |             |             |        |
| 3490.00   | Vertical          | -50.45      | -13.00      | Pass   |
| 5235.00   | V                 | -42.36      |             |        |
| 6980.00   | V                 | -38.61      |             |        |
| 3490.00   | Horizontal        | -39.79      |             |        |
| 5235.00   | H                 | -42.27      |             |        |
| 6980.00   | H                 | -36.64      |             |        |
| <b>Highest Channel</b>  |                   |             |             |        |
| 3545.00   | Vertical          | -50.56      | -13.00      | Pass   |
| 5317.50   | V                 | -42.57      |             |        |
| 7090.00   | V                 | -38.46      |             |        |
| 3545.00   | Horizontal        | -49.41      |             |        |
| 5317.50   | H                 | -42.82      |             |        |
| 7090.00   | H                 | -36.57      |             |        |
| <p><i>Note:</i></p> <ol style="list-style-type: none"> <li><i>The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.</i></li> <li><i>For above 1 GHz, all test modes were performed, and just the worst case shown in the report.</i></li> </ol> |                   |             |             |        |

| LTE Band 66, WB: 20MHz  |                   |             |             |        |
|---|-------------------|-------------|-------------|--------|
| RB size 1 & RB offset 0   |                   |             |             |        |
| Frequency (MHz)   | Spurious Emission |             | Limit (dBm) | Result |
|   | Polarization      | Level (dBm) |             |        |
| <b>Lowest Channel</b>   |                   |             |             |        |
| 3440.00   | Vertical          | -50.44      | -13.00      | Pass   |
| 5160.00   | V                 | -42.36      |             |        |
| 6880.00   | V                 | -38.88      |             |        |
| 3440.00   | Horizontal        | -49.44      |             |        |
| 5160.00   | H                 | -42.42      |             |        |
| 6880.00   | H                 | -36.42      |             |        |
| <b>Middle Channel</b>   |                   |             |             |        |
| 3490.00   | Vertical          | -50.84      | -13.00      | Pass   |
| 5235.00   | V                 | -42.74      |             |        |
| 6980.00   | V                 | -38.57      |             |        |
| 3490.00   | Horizontal        | -49.59      |             |        |
| 5235.00   | H                 | -42.36      |             |        |
| 6980.00   | H                 | -36.42      |             |        |
| <b>Highest Channel</b>  |                   |             |             |        |
| 3540.00   | Vertical          | -50.12      | -13.00      | Pass   |
| 5310.00   | V                 | -42.89      |             |        |
| 7080.00   | V                 | -38.26      |             |        |
| 3540.00   | Horizontal        | -49.37      |             |        |
| 5310.00   | H                 | -42.44      |             |        |
| 7080.00   | H                 | -36.80      |             |        |
| <p><i>Note:</i></p> <ol style="list-style-type: none"> <li><i>The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.</i></li> <li><i>For above 1 GHz, all test modes were performed, and just the worst case shown in the report.</i></li> </ol> |                   |             |             |        |

**LTE Band 71 part:**

| LTE Band 71, WB: 5MHz  |                   |             |             |        |
|--|-------------------|-------------|-------------|--------|
| RB size 1 & RB offset 0  |                   |             |             |        |
| Frequency (MHz)  | Spurious Emission |             | Limit (dBm) | Result |
|  | Polarization      | Level (dBm) |             |        |
| <b>Lowest Channel</b>  |                   |             |             |        |
| 1331.00  | Vertical          | -47.26      | -25.00      | Pass   |
| 1996.50  | V                 | -43.82      |             |        |
| 2662.00  | V                 | -50.24      |             |        |
| 1331.00  | Horizontal        | -48.39      |             |        |
| 1996.50  | H                 | -44.26      |             |        |
| 2662.00  | H                 | -51.07      |             |        |
| <b>Middle Channel</b>  |                   |             |             |        |
| 1361.00  | Vertical          | -47.37      | -25.00      | Pass   |
| 2041.50  | V                 | -43.56      |             |        |
| 2722.00  | V                 | -50.75      |             |        |
| 1361.00  | Horizontal        | -48.25      |             |        |
| 2041.50  | H                 | -44.27      |             |        |
| 2722.00  | H                 | -51.39      |             |        |
| <b>Highest Channel</b>   |                   |             |             |        |
| 1391.00  | Vertical          | -47.56      | -25.00      | Pass   |
| 2086.50  | V                 | -43.45      |             |        |
| 2782.00  | V                 | -50.84      |             |        |
| 1391.00  | Horizontal        | -48.42      |             |        |
| 2086.50  | H                 | -44.12      |             |        |
| 2782.00  | H                 | -51.58      |             |        |
| <p><i>Note:</i></p> <p>3. The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.</p> <p>4. For above 1 GHz, all test modes were performed, and just the worst case shown in the report.</p> |                   |             |             |        |

| LTE Band 71, WB: 10MHz   |                   |             |             |        |
|--|-------------------|-------------|-------------|--------|
| RB size 1 & RB offset 0  |                   |             |             |        |
| Frequency (MHz)  | Spurious Emission |             | Limit (dBm) | Result |
|  | Polarization      | Level (dBm) |             |        |
| <b>Lowest Channel</b>  |                   |             |             |        |
| 1336.00  | Vertical          | -47.29      | -25.00      | Pass   |
| 2004.00  | V                 | -43.12      |             |        |
| 2672.00  | V                 | -50.44      |             |        |
| 1336.00  | Horizontal        | -48.56      |             |        |
| 2004.00  | H                 | -44.37      |             |        |
| 2672.00  | H                 | -51.45      |             |        |
| <b>Middle Channel</b>  |                   |             |             |        |
| 1361.00  | Vertical          | -47.45      | -25.00      | Pass   |
| 2041.50  | V                 | -43.58      |             |        |
| 2722.00  | V                 | -50.26      |             |        |
| 1361.00  | Horizontal        | -48.04      |             |        |
| 2041.50  | H                 | -44.39      |             |        |
| 2722.00  | H                 | -51.79      |             |        |
| <b>Highest Channel</b>   |                   |             |             |        |
| 1386.00  | Vertical          | -47.42      | -25.00      | Pass   |
| 2079.00  | V                 | -43.37      |             |        |
| 2772.00  | V                 | -50.25      |             |        |
| 1386.00  | Horizontal        | -48.61      |             |        |
| 2079.00  | H                 | -44.07      |             |        |
| 2772.00  | H                 | -51.82      |             |        |
| <p><i>Note:</i></p> <p>3. The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.</p> <p>4. For above 1 GHz, all test modes were performed, and just the worst case shown in the report.</p> |                   |             |             |        |



| LTE Band 71, WB: 15MHz   |                   |             |             |        |
|--|-------------------|-------------|-------------|--------|
| RB size 1 & RB offset 0  |                   |             |             |        |
| Frequency (MHz)  | Spurious Emission |             | Limit (dBm) | Result |
|  | Polarization      | Level (dBm) |             |        |
| <b>Lowest Channel</b>  |                   |             |             |        |
| 1341.00  | Vertical          | -47.93      | -25.00      | Pass   |
| 2011.50  | V                 | -43.42      |             |        |
| 2682.00  | V                 | -50.11      |             |        |
| 1341.00  | Horizontal        | -48.11      |             |        |
| 2011.50  | H                 | -44.26      |             |        |
| 2682.00  | H                 | -51.29      |             |        |
| <b>Middle Channel</b>  |                   |             |             |        |
| 1361.00  | Vertical          | -47.71      | -25.00      | Pass   |
| 2041.50  | V                 | -43.56      |             |        |
| 2722.00  | V                 | -50.18      |             |        |
| 1361.00  | Horizontal        | -48.28      |             |        |
| 2041.50  | H                 | -44.44      |             |        |
| 2722.00  | H                 | -51.39      |             |        |
| <b>Highest Channel</b>   |                   |             |             |        |
| 1381.00  | Vertical          | -47.46      | -25.00      | Pass   |
| 2071.50  | V                 | -43.78      |             |        |
| 2762.00  | V                 | -50.56      |             |        |
| 1381.00  | Horizontal        | -48.25      |             |        |
| 2071.50  | H                 | -44.93      |             |        |
| 2762.00  | H                 | -51.93      |             |        |
| <p><i>Note:</i></p> <p>3. The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.</p> <p>4. For above 1 GHz, all test modes were performed, and just the worst case shown in the report.</p> |                   |             |             |        |

| LTE Band 71, WB: 20MHz   |                   |             |             |        |
|--|-------------------|-------------|-------------|--------|
| RB size 1 & RB offset 0  |                   |             |             |        |
| Frequency (MHz)  | Spurious Emission |             | Limit (dBm) | Result |
|  | Polarization      | Level (dBm) |             |        |
| <b>Lowest Channel</b>  |                   |             |             |        |
| 1346.00  | Vertical          | -47.36      | -25.00      | Pass   |
| 2019.00  | V                 | -43.52      |             |        |
| 2692.00  | V                 | -50.13      |             |        |
| 1346.00  | Horizontal        | -48.82      |             |        |
| 2019.00  | H                 | -44.39      |             |        |
| 2692.00  | H                 | -51.82      |             |        |
| <b>Middle Channel</b>  |                   |             |             |        |
| 1366.00  | Vertical          | -47.45      | -25.00      | Pass   |
| 2049.00  | V                 | -43.45      |             |        |
| 2732.00  | V                 | -50.37      |             |        |
| 1366.00  | Horizontal        | -48.84      |             |        |
| 2049.00  | H                 | -44.36      |             |        |
| 2732.00  | H                 | -51.18      |             |        |
| <b>Highest Channel</b>   |                   |             |             |        |
| 1376.00  | Vertical          | -47.42      | -25.00      | Pass   |
| 2064.00  | V                 | -43.54      |             |        |
| 2752.00  | V                 | -50.96      |             |        |
| 1376.00  | Horizontal        | -48.42      |             |        |
| 2064.00  | H                 | -44.41      |             |        |
| 2752.00  | H                 | -51.89      |             |        |
| <p><i>Note:</i></p> <p>3. The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.</p> <p>4. For above 1 GHz, all test modes were performed, and just the worst case shown in the report.</p> |                   |             |             |        |

## 6.6 Frequency stability V.S. Temperature measurement

|                   |   |
|-------------------|---|
| Test Requirement: | Part 22.355, Part 24.235, Part 27.54, Part 2.1055(a)(1)(b)  |
| Limit:            | ±2.5ppm   |
| Test setup:       |   |
| Test procedure:   | <ol style="list-style-type: none"> <li>1. The equipment under test was connected to an external DC power supply and input rated voltage.</li> <li>2. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators.</li> <li>3. The EUT was placed inside the temperature chamber.</li> <li>4. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 25°C operating frequency as reference frequency.</li> <li>5. Turn EUT off and set the chamber temperature to -30°C. After the temperature stabilized for approximately 30 minutes recorded the frequency.</li> <li>6. Repeat step measure with 10°C increased per stage until the highest temperature of +50°C reached</li> </ol> |
| Test Instruments: | Refer to section 5.10 for details   |
| Test mode:        | Refer to section 5.3 for details  |
| Test results:     | Passed  |

**Measurement Data (worst case):**

**LTE Band 12 part:**

| Reference Frequency: LTE Band 12 (10MHz) Middle channel=23095 channel=707.50MHz |                  |                 |          |             |        |
|---|------------------|-----------------|----------|-------------|--------|
| Power supplied (Vdc)  | Temperature (°C) | Frequency error |          | Limit (ppm) | Result |
|   |                  | Hz              | ppm      |             |        |
| <b>QPSK</b>   |                  |                 |          |             |        |
| 3.70  | -30              | 194             | 0.274205 | ±2.5        | Pass   |
|   | -20              | 152             | 0.214841 |             |        |
|   | -10              | 160             | 0.226148 |             |        |
|   | 0                | 124             | 0.175265 |             |        |
|   | 10               | 183             | 0.258657 |             |        |
|   | 20               | 172             | 0.243110 |             |        |
|   | 30               | 111             | 0.156890 |             |        |
|   | 40               | 102             | 0.144170 |             |        |
|   | 50               | 147             | 0.207774 |             |        |
| <b>16QAM</b>  |                  |                 |          |             |        |
| 3.70  | -30              | 165             | 0.233216 | ±2.5        | Pass   |
|   | -20              | 147             | 0.207774 |             |        |
|   | -10              | 109             | 0.154064 |             |        |
|   | 0                | 119             | 0.168198 |             |        |
|   | 10               | 141             | 0.199293 |             |        |
|   | 20               | 137             | 0.193640 |             |        |
|   | 30               | 153             | 0.216254 |             |        |
|   | 40               | 130             | 0.183746 |             |        |
|   | 50               | 135             | 0.190813 |             |        |
| <i>Note: Only the worst case shown in the report.</i>                           |                  |                 |          |             |        |

**LTE Band 25 part:**

| Reference Frequency: LTE Band 25 (10MHz) Middle channel=26365 channel=1882.5MHz |                  |                 |          |             |        |
|---|------------------|-----------------|----------|-------------|--------|
| Power supplied (Vdc)  | Temperature (°C) | Frequency error |          | Limit (ppm) | Result |
|   |                  | Hz              | ppm      |             |        |
| <b>QPSK</b>   |                  |                 |          |             |        |
| 3.70  | -30              | 180             | 0.095618 | ±2.5        | Pass   |
|   | -20              | 169             | 0.089774 |             |        |
|   | -10              | 164             | 0.087118 |             |        |
|   | 0                | 117             | 0.062151 |             |        |
|   | 10               | 134             | 0.071182 |             |        |
|   | 20               | 168             | 0.089243 |             |        |
|   | 30               | 108             | 0.057371 |             |        |
|   | 40               | 156             | 0.082869 |             |        |
|   | 50               | 140             | 0.074369 |             |        |
| <b>16QAM</b>  |                  |                 |          |             |        |
| 3.70  | -30              | 170             | 0.090305 | ±2.5        | Pass   |
|   | -20              | 148             | 0.078619 |             |        |
|   | -10              | 140             | 0.074369 |             |        |
|   | 0                | 120             | 0.063745 |             |        |
|   | 10               | 159             | 0.084462 |             |        |
|   | 20               | 136             | 0.072244 |             |        |
|   | 30               | 154             | 0.081806 |             |        |
|   | 40               | 131             | 0.069588 |             |        |
|   | 50               | 160             | 0.084993 |             |        |
| <i>Note: Only the worst case shown in the report.</i>                           |                  |                 |          |             |        |

**LTE Band 5&26(part 22H):**

| Reference Frequency: LTE Band 5&26(part 22H) (10MHz) Middle channel=26915 channel=836.5MHz |                  |                 |          |             |        |
|--|------------------|-----------------|----------|-------------|--------|
| Power supplied (Vdc)   | Temperature (°C) | Frequency error |          | Limit (ppm) | Result |
|  |                  | Hz              | ppm      |             |        |
| <b>QPSK</b>  |                  |                 |          |             |        |
| 3.70   | -30              | 187             | 0.223551 | ±2.5        | Pass   |
|  | -20              | 133             | 0.158996 |             |        |
|  | -10              | 159             | 0.190078 |             |        |
|  | 0                | 110             | 0.131500 |             |        |
|  | 10               | 163             | 0.194860 |             |        |
|  | 20               | 172             | 0.205619 |             |        |
|  | 30               | 110             | 0.131500 |             |        |
|  | 40               | 104             | 0.124328 |             |        |
|  | 50               | 150             | 0.179319 |             |        |
| <b>16QAM</b>   |                  |                 |          |             |        |
| 3.870  | -30              | 150             | 0.179319 | ±2.5        | Pass   |
|  | -20              | 120             | 0.143455 |             |        |
|  | -10              | 144             | 0.172146 |             |        |
|  | 0                | 122             | 0.145846 |             |        |
|  | 10               | 141             | 0.168559 |             |        |
|  | 20               | 140             | 0.167364 |             |        |
|  | 30               | 147             | 0.175732 |             |        |
|  | 40               | 133             | 0.158996 |             |        |
|  | 50               | 138             | 0.164973 |             |        |

*Note: Only the worst case shown in the report.*

**LTE Band 26(part 90S):**

| Reference Frequency: LTE Band 26(part 90S (10MHz) Middle channel=26740 channel=819.0MHz) |                  |                 |          |             |        |
|--|------------------|-----------------|----------|-------------|--------|
| Power supplied (Vdc)   | Temperature (°C) | Frequency error |          | Limit (ppm) | Result |
|  |                  | Hz              | ppm      |             |        |
| <b>QPSK</b>  |                  |                 |          |             |        |
| 3.70   | -30              | 187             | 0.228327 | ±2.5        | Pass   |
|  | -20              | 133             | 0.162393 |             |        |
|  | -10              | 159             | 0.194139 |             |        |
|  | 0                | 114             | 0.139194 |             |        |
|  | 10               | 150             | 0.183150 |             |        |
|  | 20               | 167             | 0.203907 |             |        |
|  | 30               | 106             | 0.129426 |             |        |
|  | 40               | 102             | 0.124542 |             |        |
|  | 50               | 146             | 0.178266 |             |        |
| <b>16QAM</b>   |                  |                 |          |             |        |
| 3.70   | -30              | 150             | 0.183150 | ±2.5        | Pass   |
|  | -20              | 123             | 0.150183 |             |        |
|  | -10              | 133             | 0.162393 |             |        |
|  | 0                | 109             | 0.133089 |             |        |
|  | 10               | 130             | 0.158730 |             |        |
|  | 20               | 138             | 0.168498 |             |        |
|  | 30               | 129             | 0.157509 |             |        |
|  | 40               | 140             | 0.170940 |             |        |
|  | 50               | 110             | 0.134310 |             |        |

*Note: Only the worst case shown in the report.*

**LTE Band 41:**

| Reference Frequency: LTE Band 41 (5MHz)Middle channel=40740 channel=2605.0MHz |                  |                 |          |             |        |
|---|------------------|-----------------|----------|-------------|--------|
| Power supplied (Vdc)  | Temperature (°C) | Frequency error |          | Limit (ppm) | Result |
|   |                  | Hz              | ppm      |             |        |
| <b>QPSK</b>   |                  |                 |          |             |        |
| 3.70  | -30              | 190             | 0.072937 | ±2.5        | Pass   |
|   | -20              | 137             | 0.052591 |             |        |
|   | -10              | 168             | 0.064491 |             |        |
|   | 0                | 118             | 0.045298 |             |        |
|   | 10               | 163             | 0.062572 |             |        |
|   | 20               | 171             | 0.065643 |             |        |
|   | 30               | 110             | 0.042226 |             |        |
|   | 40               | 106             | 0.040691 |             |        |
|   | 50               | 156             | 0.059885 |             |        |
| <b>16QAM</b>  |                  |                 |          |             |        |
| 3.70  | -30              | 154             | 0.059117 | ±2.5        | Pass   |
|   | -20              | 127             | 0.048752 |             |        |
|   | -10              | 142             | 0.054511 |             |        |
|   | 0                | 120             | 0.046065 |             |        |
|   | 10               | 139             | 0.053359 |             |        |
|   | 20               | 148             | 0.056814 |             |        |
|   | 30               | 143             | 0.054894 |             |        |
|   | 40               | 133             | 0.051056 |             |        |
|   | 50               | 116             | 0.044530 |             |        |

*Note: Only the worst case shown in the report.*



**LTE Band 66 part:**

| Reference Frequency: LTE Band 66 (10MHz) Middle channel=132322 channel=1745.00MHz |                  |                 |          |             |        |
|---|------------------|-----------------|----------|-------------|--------|
| Power supplied (Vdc)  | Temperature (°C) | Frequency error |          | Limit (ppm) | Result |
|   |                  | Hz              | ppm      |             |        |
| <b>QPSK</b>   |                  |                 |          |             |        |
| 3.70  | -30              | 198             | 0.113467 | ±2.5        | Pass   |
|   | -20              | 155             | 0.088825 |             |        |
|   | -10              | 163             | 0.093410 |             |        |
|   | 0                | 123             | 0.070487 |             |        |
|   | 10               | 188             | 0.107736 |             |        |
|   | 20               | 174             | 0.099713 |             |        |
|   | 30               | 114             | 0.065330 |             |        |
|   | 40               | 105             | 0.060172 |             |        |
|   | 50               | 150             | 0.085960 |             |        |
| <b>16QAM</b>  |                  |                 |          |             |        |
| 3.70  | -30              | 123             | 0.070487 | ±2.5        | Pass   |
|   | -20              | 150             | 0.085960 |             |        |
|   | -10              | 166             | 0.095129 |             |        |
|   | 0                | 122             | 0.069914 |             |        |
|   | 10               | 144             | 0.082521 |             |        |
|   | 20               | 140             | 0.080229 |             |        |
|   | 30               | 156             | 0.089398 |             |        |
|   | 40               | 133             | 0.076218 |             |        |
|   | 50               | 138             | 0.079083 |             |        |
| <i>Note: Only the worst case shown in the report.</i>                             |                  |                 |          |             |        |

**LTE Band 71 part:**

| Reference Frequency: LTE Band 71 (10MHz) Middle channel=133297 Frequency=680.50MHz |                  |                 |          |             |        |
|--|------------------|-----------------|----------|-------------|--------|
| Power supplied (Vdc)   | Temperature (°C) | Frequency error |          | Limit (ppm) | Result |
|  |                  | Hz              | ppm      |             |        |
| <b>QPSK</b>  |                  |                 |          |             |        |
| 3.70   | -30              | 183             | 0.268920 | ±2.5        | Pass   |
|  | -20              | 162             | 0.238060 |             |        |
|  | -10              | 114             | 0.167524 |             |        |
|  | 0                | 136             | 0.199853 |             |        |
|  | 10               | 146             | 0.214548 |             |        |
|  | 20               | 154             | 0.226304 |             |        |
|  | 30               | 153             | 0.224835 |             |        |
|  | 40               | 126             | 0.185158 |             |        |
|  | 50               | 106             | 0.155768 |             |        |
| <b>16QAM</b>   |                  |                 |          |             |        |
| 3.70   | -30              | 156             | 0.229243 | ±2.5        | Pass   |
|  | -20              | 114             | 0.167524 |             |        |
|  | -10              | 135             | 0.198384 |             |        |
|  | 0                | 159             | 0.233652 |             |        |
|  | 10               | 126             | 0.185158 |             |        |
|  | 20               | 125             | 0.183688 |             |        |
|  | 30               | 113             | 0.166054 |             |        |
|  | 40               | 109             | 0.160176 |             |        |
|  | 50               | 141             | 0.207201 |             |        |
| <i>Note: Only the worst case shown in the report.</i>                              |                  |                 |          |             |        |

## 6.7 Frequency stability V.S. Voltage measurement

|                   |  |
|-------------------|--|
| Test Requirement: | Part 22.355, Part 24.235, Part 27.54, Part 2.1055(d)(2)  |
| Limit:            | ±2.5ppm  |
| Test setup:       |  |
| Test procedure:   | <ol style="list-style-type: none"> <li>1. Set chamber temperature to 25°C. Use a variable DC power source to power the EUT and set the voltage to rated voltage.</li> <li>2. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and recorded the frequency.</li> <li>3. Reduce the input voltage to specify extreme voltage variation (+/- 15%) and endpoint, record the maximum frequency change.</li> </ol> |
| Test Instruments: | Refer to section 5.10 for details  |
| Test mode:        | Refer to section 5.3 for details   |
| Test results:     | Passed   |

**Measurement Data (worst case):**

**LTE Band 12 part:**

| Reference Frequency: LTE Band 12(10MHz) Middle channel=23095 channel=707.50MHz |                      |                 |          |             |        |
|--|----------------------|-----------------|----------|-------------|--------|
| Temperature (°C)   | Power supplied (Vdc) | Frequency error |          | Limit (ppm) | Result |
|  |                      | Hz              | ppm      |             |        |
| QPSK   |                      |                 |          |             |        |
| 25   | 4.20                 | 95              | 0.134276 | ±2.5        | Pass   |
|  | 3.70                 | 60              | 0.084806 |             |        |
|  | 3.50                 | 79              | 0.111661 |             |        |
| 16QAM  |                      |                 |          |             |        |
| 25   | 4.20                 | 90              | 0.127208 | ±2.5        | Pass   |
|  | 3.70                 | 80              | 0.113074 |             |        |
|  | 3.50                 | 60              | 0.084806 |             |        |

*Note: Only the worst case shown in the report.*

**LTE Band 25 part:**

| Reference Frequency: LTE Band 25(10MHz) Middle channel=26365 channel=1882.5MHz |                      |                 |          |             |        |
|--|----------------------|-----------------|----------|-------------|--------|
| Temperature (°C)   | Power supplied (Vdc) | Frequency error |          | Limit (ppm) | Result |
|  |                      | Hz              | ppm      |             |        |
| QPSK   |                      |                 |          |             |        |
| 25   | 4.20                 | 88              | 0.046746 | ±2.5        | Pass   |
|  | 3.70                 | 73              | 0.038778 |             |        |
|  | 3.50                 | 62              | 0.032935 |             |        |
| 16QAM  |                      |                 |          |             |        |
| 25   | 4.20                 | 79              | 0.041965 | ±2.5        | Pass   |
|  | 3.70                 | 52              | 0.027623 |             |        |
|  | 3.50                 | 61              | 0.032404 |             |        |

*Note: Only the worst case shown in the report.*

**LTE Band 5&26(part 22H):**

| Reference Frequency: LTE Band 5&26(part 22H) (10MHz) Middle channel=26915 channel=836.5MHz |                      |                 |          |             |        |
|--|----------------------|-----------------|----------|-------------|--------|
| Temperature (°C)   | Power supplied (Vdc) | Frequency error |          | Limit (ppm) | Result |
|  |                      | Hz              | ppm      |             |        |
| QPSK   |                      |                 |          |             |        |
| 25   | 4.20                 | 86              | 0.102809 | ±2.5        | Pass   |
|  | 3.70                 | 71              | 0.084877 |             |        |
|  | 3.50                 | 63              | 0.075314 |             |        |
| 16QAM  |                      |                 |          |             |        |
| 25   | 4.20                 | 93              | 0.111178 | ±2.5        | Pass   |
|  | 3.70                 | 84              | 0.100418 |             |        |
|  | 3.50                 | 62              | 0.074118 |             |        |

Note: Only the worst case shown in the report.

**LTE Band 26(part 90S):**

| Reference Frequency: LTE Band 26(part 90S) (10MHz) Middle channel=26740 channel=819.0MHz |                      |                 |          |             |        |
|--|----------------------|-----------------|----------|-------------|--------|
| Temperature (°C)   | Power supplied (Vdc) | Frequency error |          | Limit (ppm) | Result |
|  |                      | Hz              | ppm      |             |        |
| QPSK   |                      |                 |          |             |        |
| 25   | 4.20                 | 89              | 0.108669 | ±2.5        | Pass   |
|  | 3.70                 | 69              | 0.084249 |             |        |
|  | 3.50                 | 59              | 0.072039 |             |        |
| 16QAM  |                      |                 |          |             |        |
| 25   | 4.20                 | 86              | 0.105006 | ±2.5        | Pass   |
|  | 3.70                 | 72              | 0.087912 |             |        |
|  | 3.50                 | 51              | 0.062271 |             |        |

Note: Only the worst case shown in the report.

**LTE Band 41:**

| Reference Frequency: LTE Band 41 (10MHz) Middle channel=40740 channel=2605.0MHz |                      |                 |          |             |        |
|---|----------------------|-----------------|----------|-------------|--------|
| Temperature (°C)  | Power supplied (Vdc) | Frequency error |          | Limit (ppm) | Result |
|   |                      | Hz              | ppm      |             |        |
| QPSK  |                      |                 |          |             |        |
| 25  | 4.20                 | 88              | 0.033781 | ±2.5        | Pass   |
|   | 3.70                 | 74              | 0.028407 |             |        |
|   | 3.50                 | 53              | 0.020345 |             |        |
| 16QAM   |                      |                 |          |             |        |
| 25  | 4.20                 | 90              | 0.034549 | ±2.5        | Pass   |
|   | 3.70                 | 81              | 0.031094 |             |        |
|   | 3.50                 | 57              | 0.021881 |             |        |

Note: Only the worst case shown in the report.

**LTE Band 66 part:**

| Reference Frequency: LTE Band 66(10MHz) Middle channel=132332 channel=1745.00MHz |                      |                 |          |             |        |
|--|----------------------|-----------------|----------|-------------|--------|
| Temperature (°C)   | Power supplied (Vdc) | Frequency error |          | Limit (ppm) | Result |
|  |                      | Hz              | ppm      |             |        |
| QPSK   |                      |                 |          |             |        |
| 25   | 4.20                 | 98              | 0.056160 | ±2.5        | Pass   |
|  | 3.70                 | 65              | 0.037249 |             |        |
|  | 3.50                 | 74              | 0.042407 |             |        |
| 16QAM  |                      |                 |          |             |        |
| 25   | 4.20                 | 80              | 0.045845 | ±2.5        | Pass   |
|  | 3.70                 | 96              | 0.055014 |             |        |
|  | 3.50                 | 48              | 0.027507 |             |        |

*Note: Only the worst case shown in the report.*

**LTE Band 71 part:**

| Reference Frequency: LTE Band 71(10MHz) Middle channel=133297 Frequency=680.50MHz |                      |                 |          |             |        |
|---|----------------------|-----------------|----------|-------------|--------|
| Temperature (°C)  | Power supplied (Vdc) | Frequency error |          | Limit (ppm) | Result |
|   |                      | Hz              | ppm      |             |        |
| QPSK  |                      |                 |          |             |        |
| 25  | 4.20                 | 95              | 0.139603 | ±2.5        | Pass   |
|   | 3.70                 | 61              | 0.089640 |             |        |
|   | 3.50                 | 53              | 0.077884 |             |        |
| 16QAM   |                      |                 |          |             |        |
| 25  | 4.20                 | 86              | 0.126378 | ±2.5        | Pass   |
|   | 3.70                 | 91              | 0.133725 |             |        |
|   | 3.50                 | 64              | 0.094048 |             |        |

*Note: Only the worst case shown in the report.*