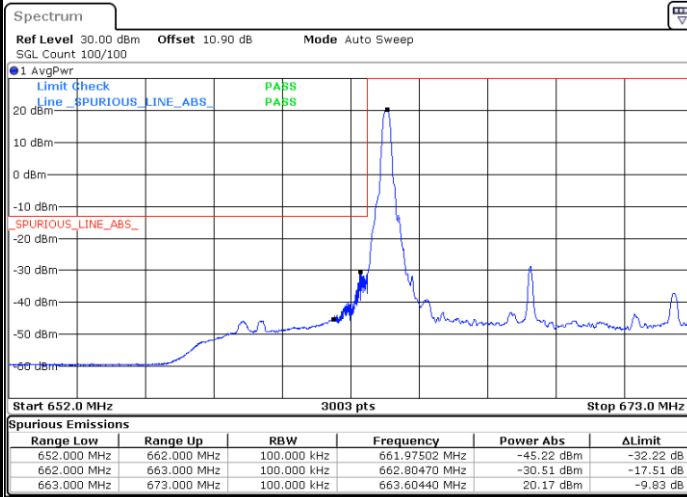




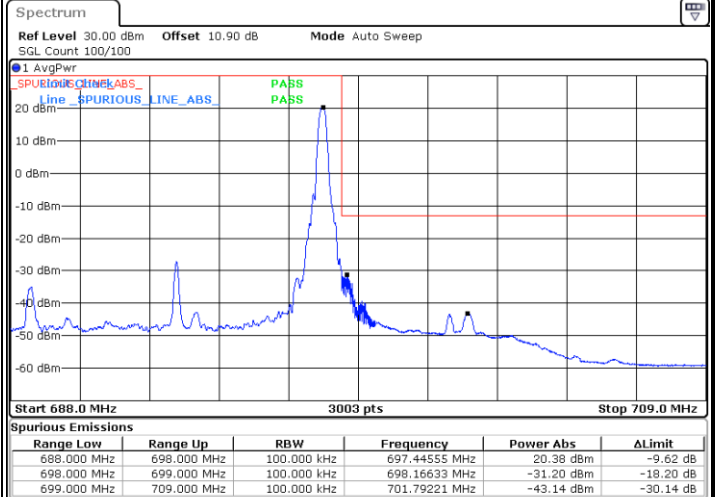
LTE Band 71 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



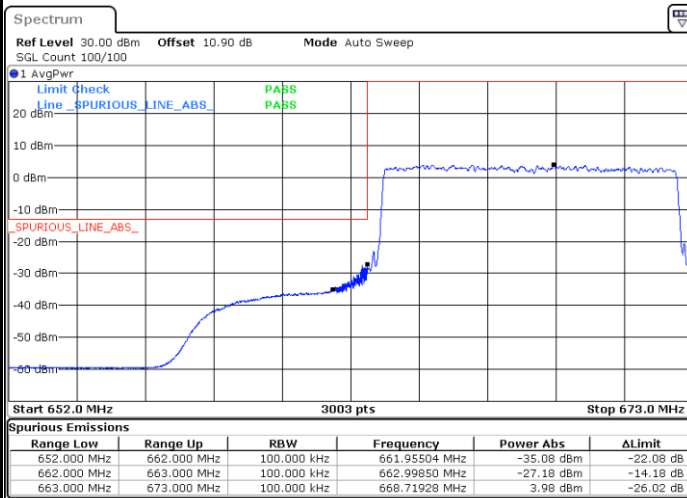
Date: 22.NOV.2021 15:55:26

Highest Band Edge / 1 RB



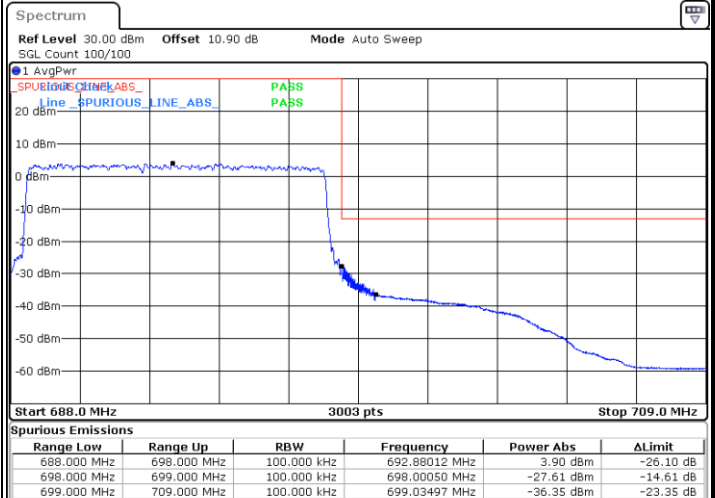
Date: 22.NOV.2021 15:57:33

Lowest Band Edge / Full RB



Date: 22.NOV.2021 15:56:08

Highest Band Edge / Full RB

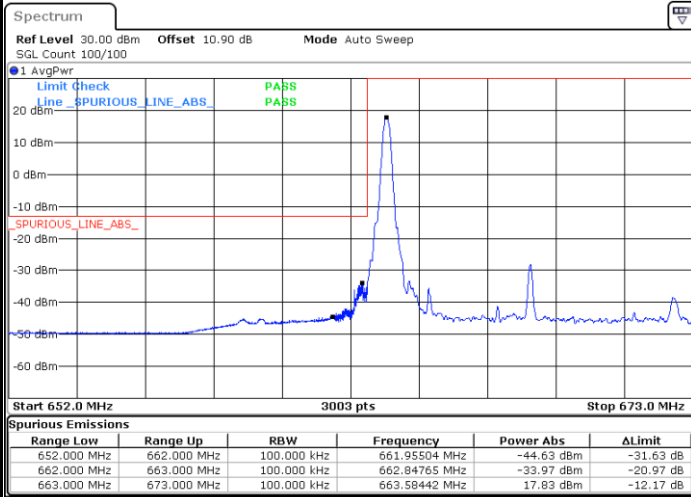


Date: 22.NOV.2021 15:58:17



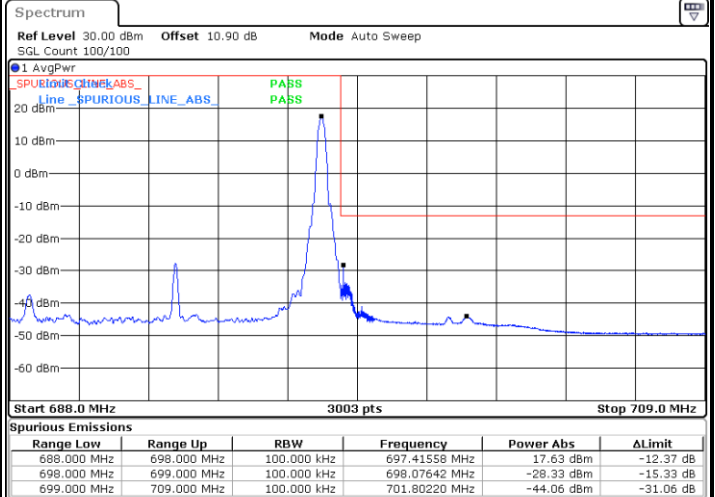
LTE Band 71 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



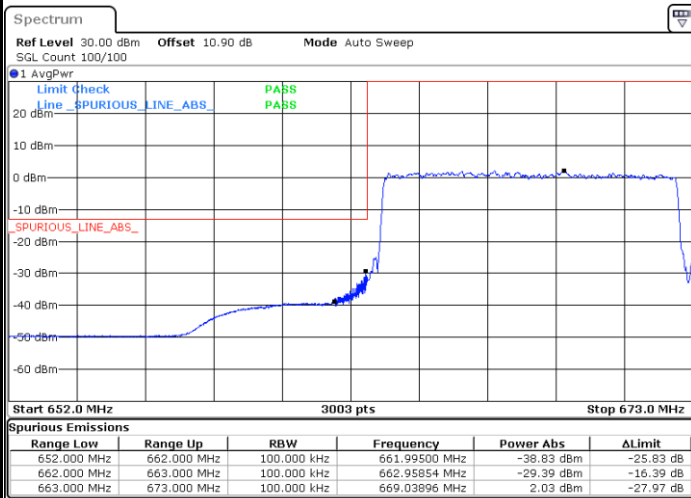
Date: 26.NOV.2021 15:47:18

Highest Band Edge / 1 RB



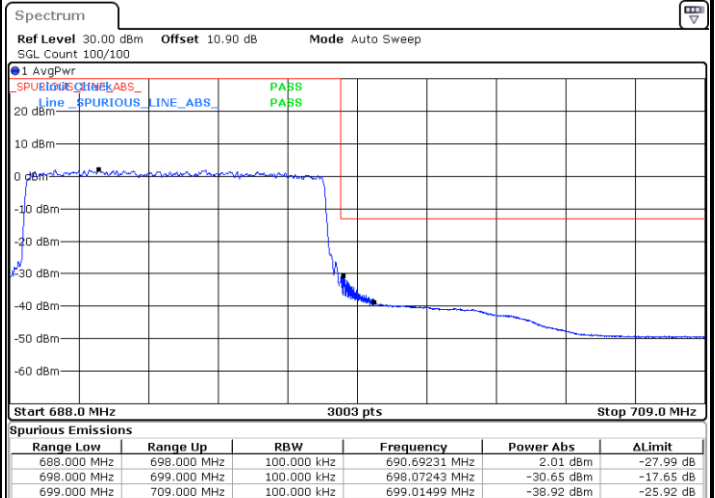
Date: 26.NOV.2021 15:48:19

Lowest Band Edge / Full RB



Date: 26.NOV.2021 15:46:39

Highest Band Edge / Full RB

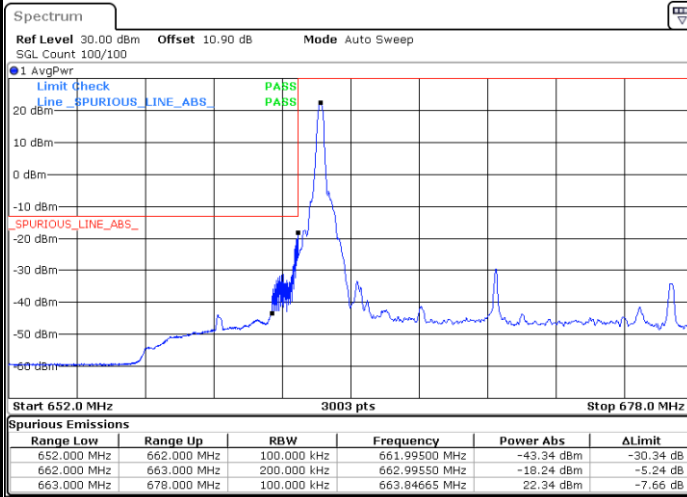


Date: 26.NOV.2021 15:48:59



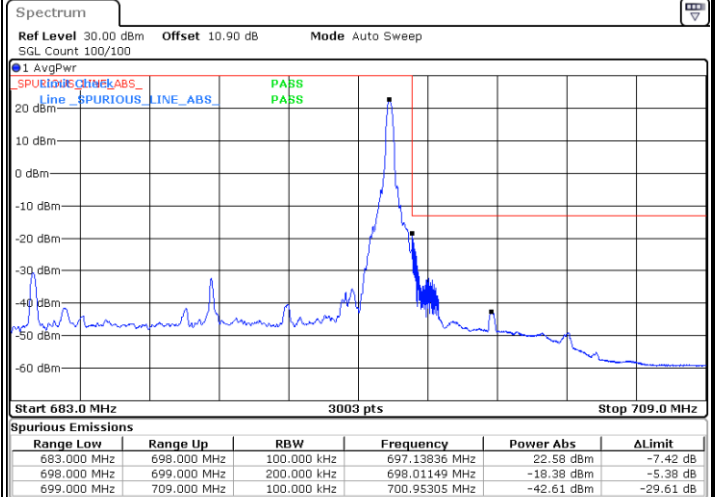
LTE Band 71 / 15MHz / QPSK

Lowest Band Edge / 1 RB



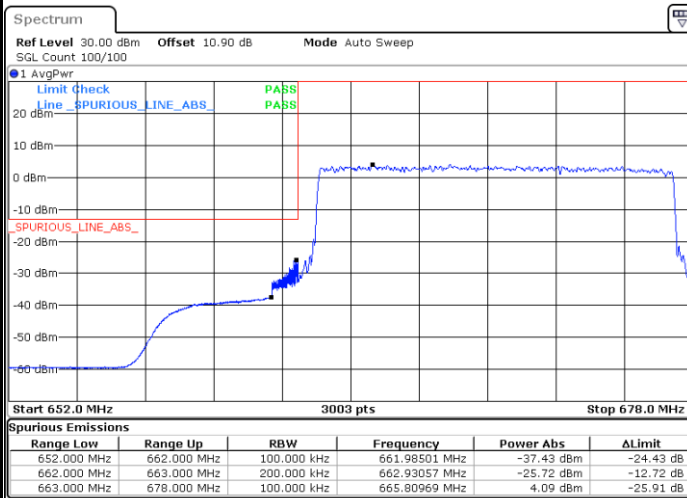
Date: 22.NOV.2021 15:59:21

Highest Band Edge / 1 RB



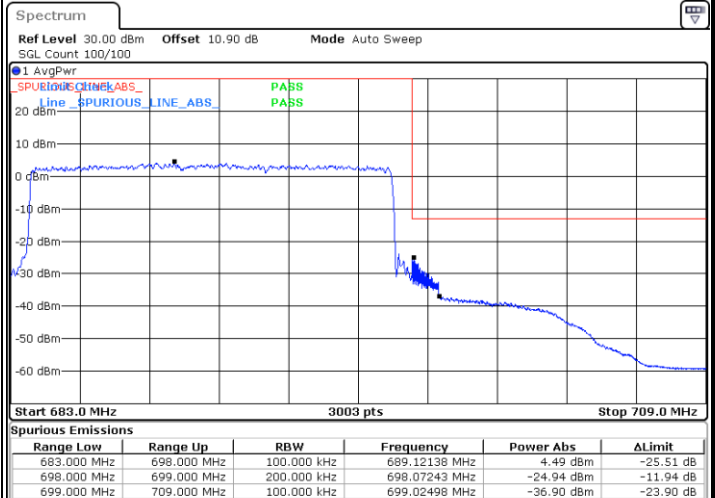
Date: 22.NOV.2021 16:04:46

Lowest Band Edge / Full RB



Date: 22.NOV.2021 16:00:47

Highest Band Edge / Full RB

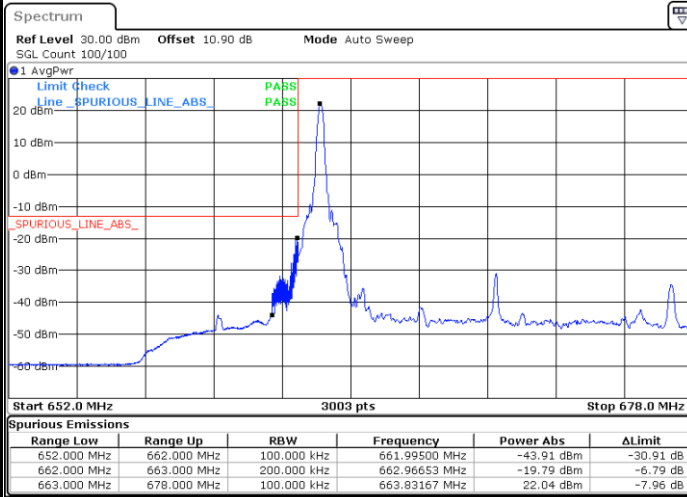


Date: 22.NOV.2021 16:06:14



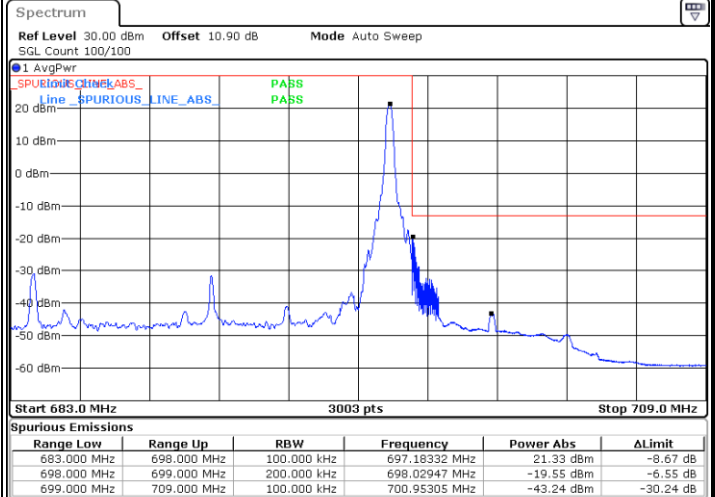
LTE Band 71 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



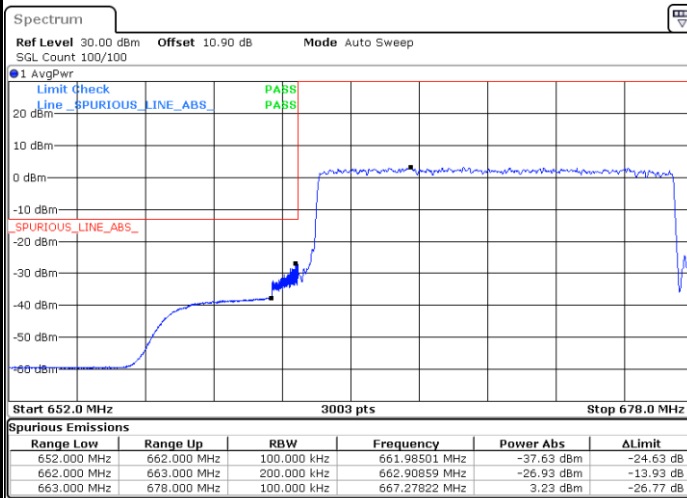
Date: 22.NOV.2021 16:00:04

Highest Band Edge / 1 RB



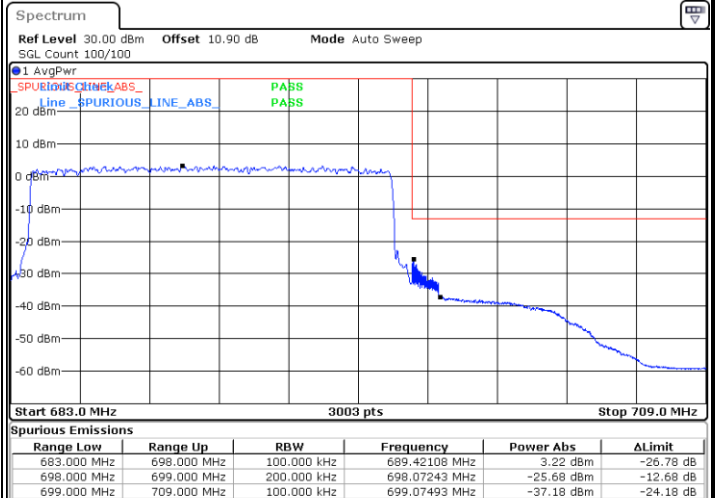
Date: 22.NOV.2021 16:05:30

Lowest Band Edge / Full RB



Date: 22.NOV.2021 16:01:30

Highest Band Edge / Full RB

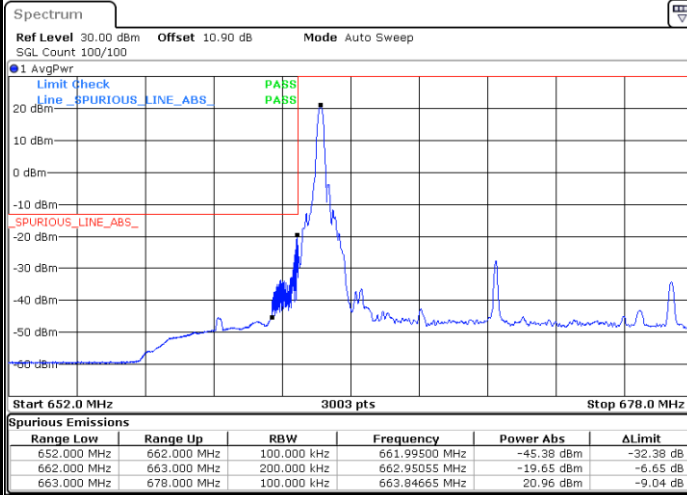


Date: 22.NOV.2021 16:06:58



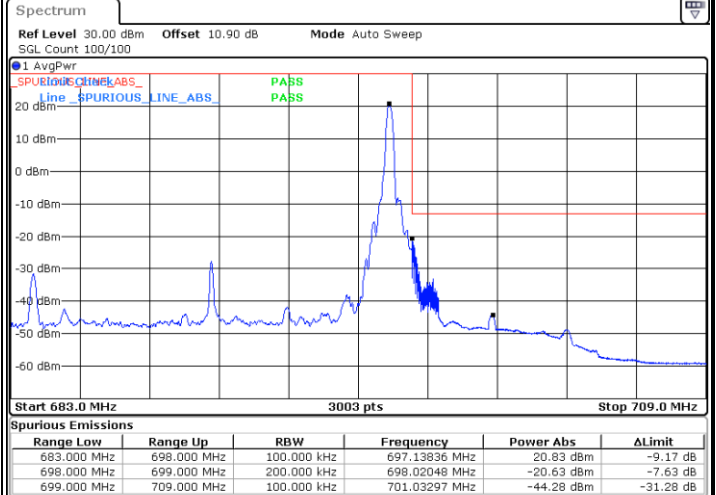
LTE Band 71 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



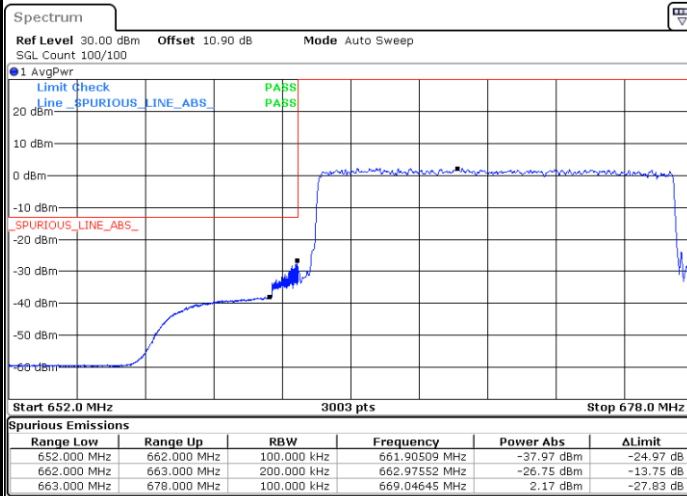
Date: 22.NOV.2021 16:08:15

Highest Band Edge / 1 RB



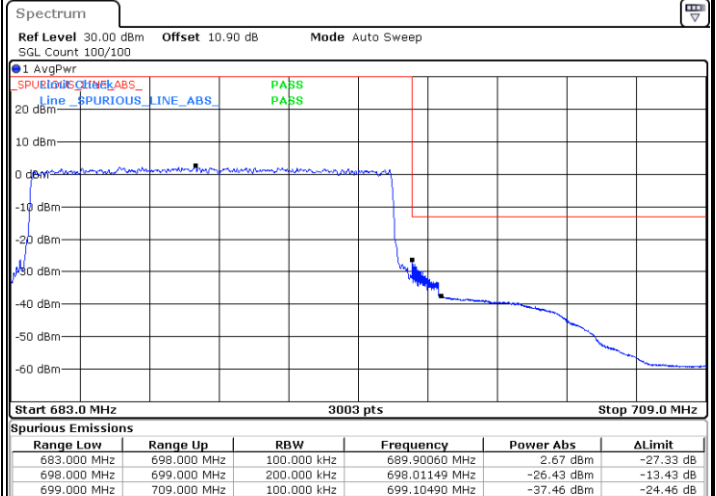
Date: 22.NOV.2021 16:10:24

Lowest Band Edge / Full RB



Date: 22.NOV.2021 16:08:58

Highest Band Edge / Full RB

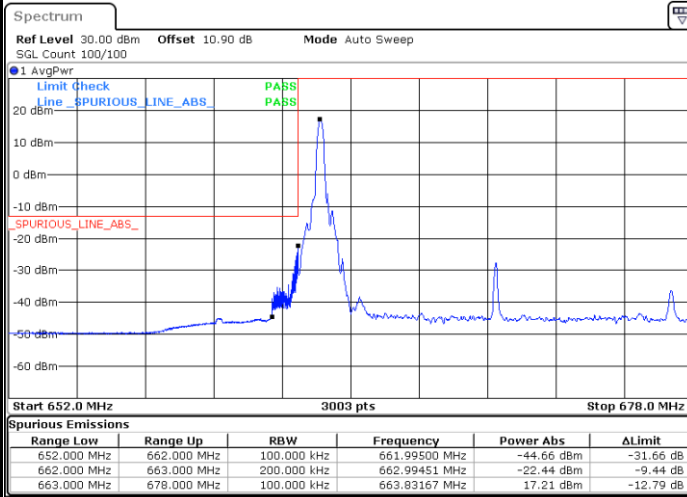


Date: 22.NOV.2021 16:11:08



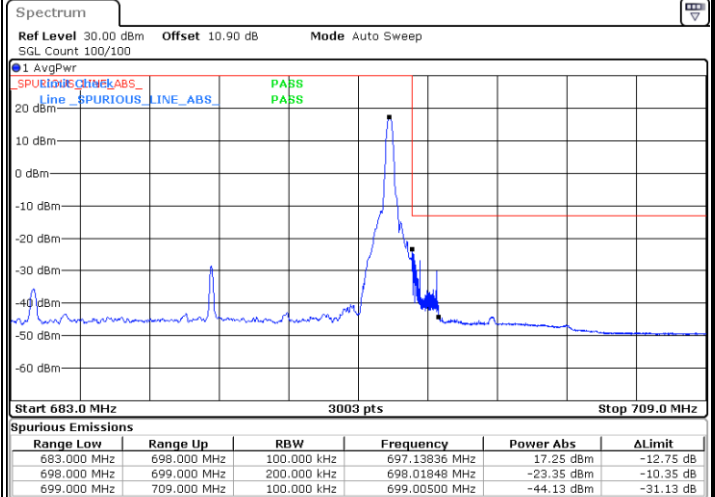
LTE Band 71 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



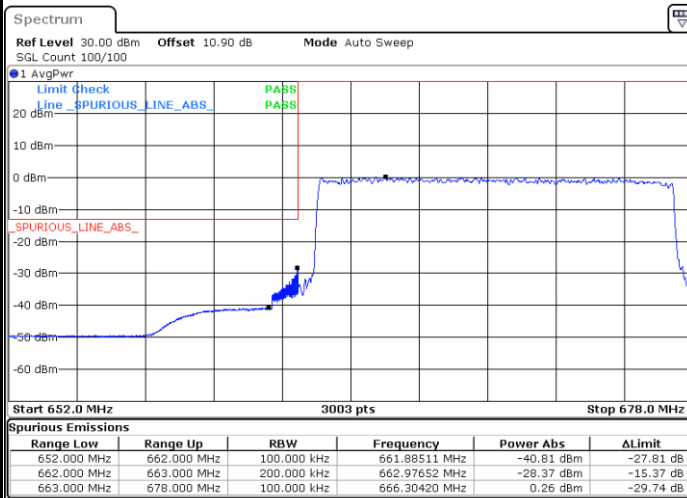
Date: 26.NOV.2021 15:51:12

Highest Band Edge / 1 RB



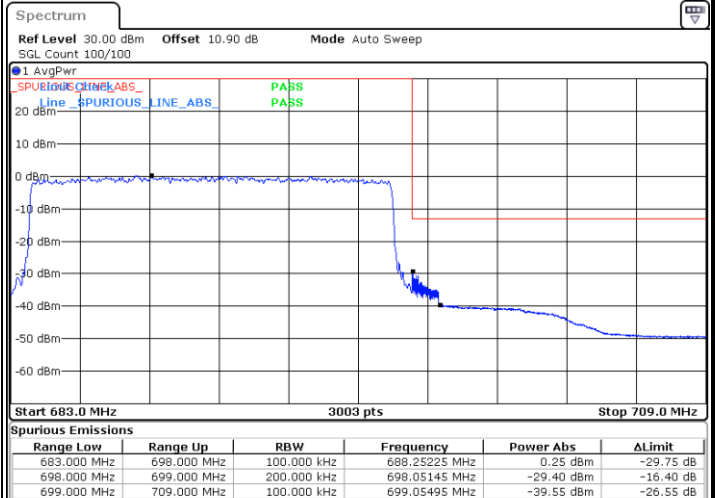
Date: 26.NOV.2021 15:52:02

Lowest Band Edge / Full RB



Date: 26.NOV.2021 15:50:30

Highest Band Edge / Full RB

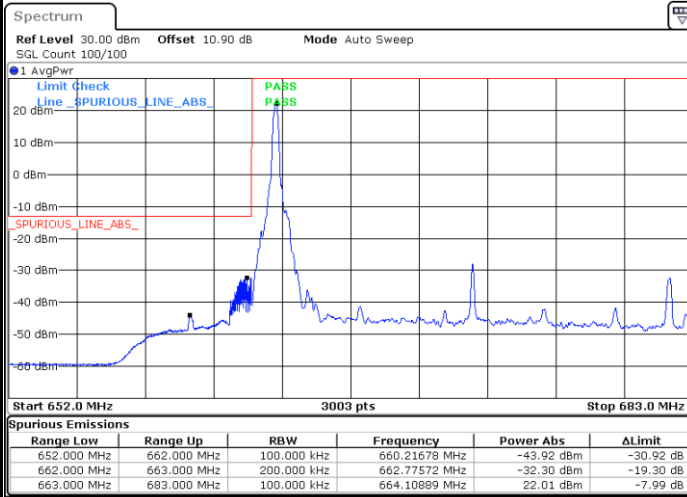


Date: 26.NOV.2021 15:52:54



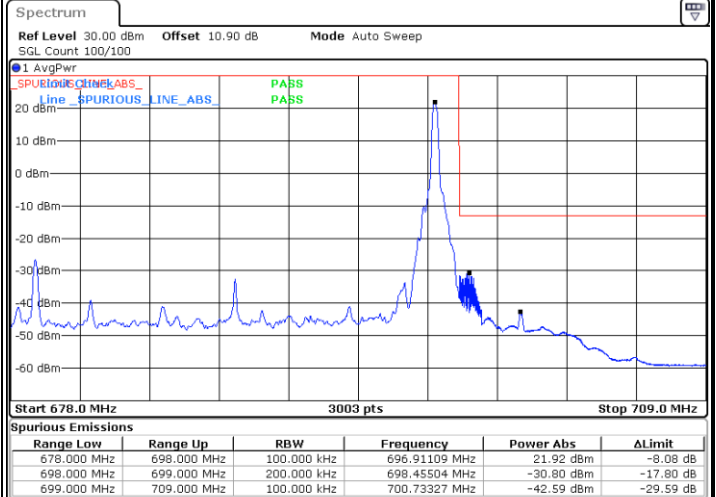
LTE Band 71 / 20MHz / QPSK

Lowest Band Edge / 1 RB



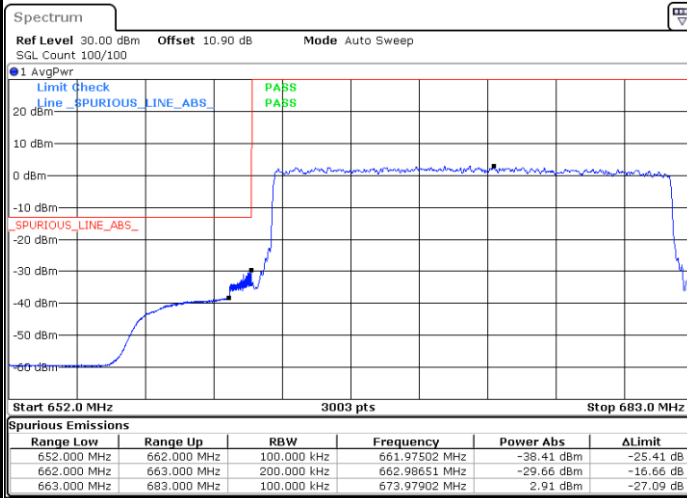
Date: 22.NOV.2021 16:53:25

Highest Band Edge / 1 RB



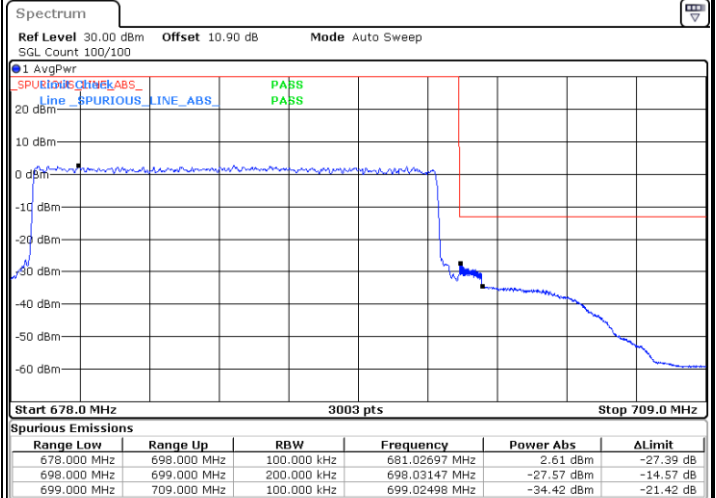
Date: 22.NOV.2021 16:58:50

Lowest Band Edge / Full RB



Date: 22.NOV.2021 16:54:51

Highest Band Edge / Full RB

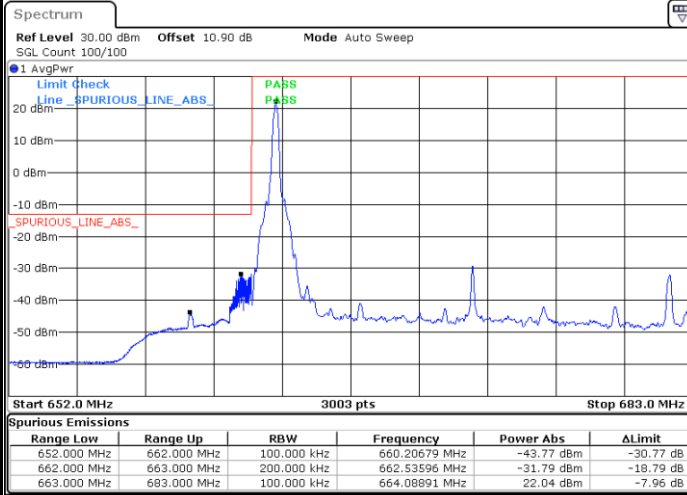


Date: 22.NOV.2021 17:01:02



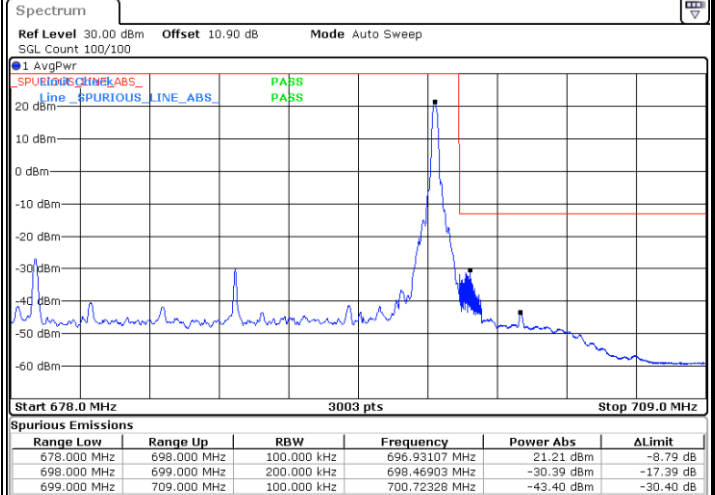
LTE Band 71 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



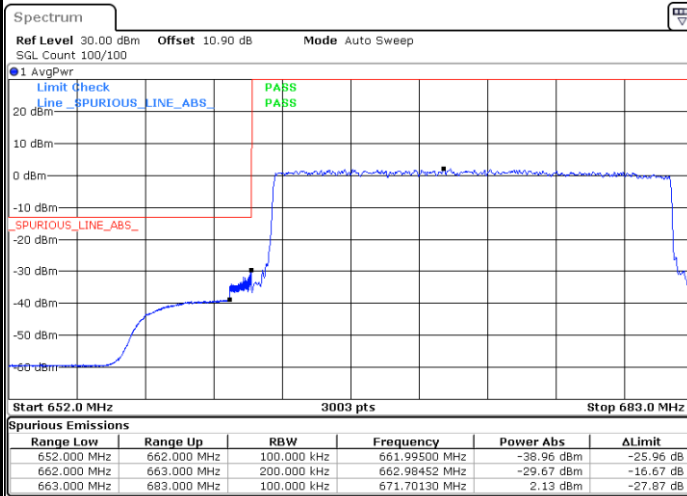
Date: 22.NOV.2021 16:54:08

Highest Band Edge / 1 RB



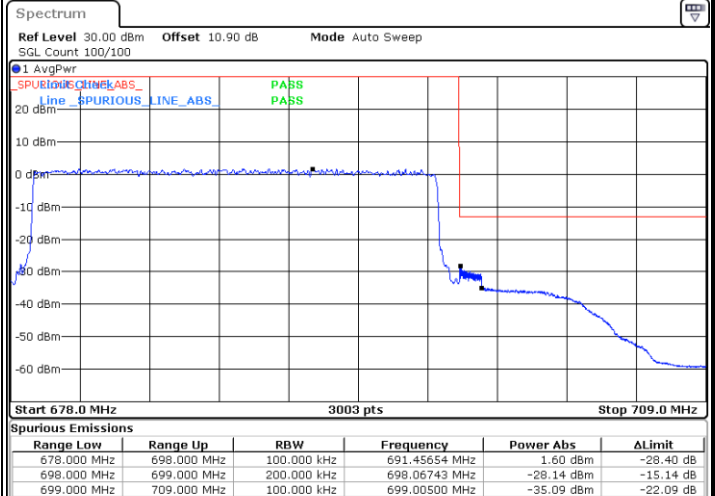
Date: 22.NOV.2021 16:59:34

Lowest Band Edge / Full RB



Date: 22.NOV.2021 16:55:34

Highest Band Edge / Full RB

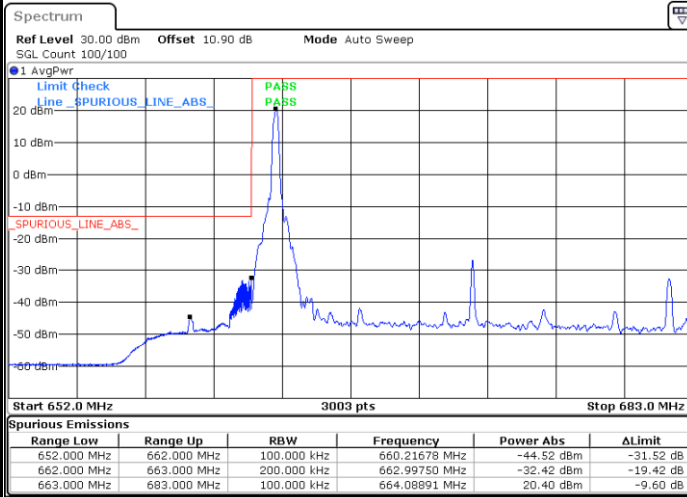


Date: 22.NOV.2021 17:00:18



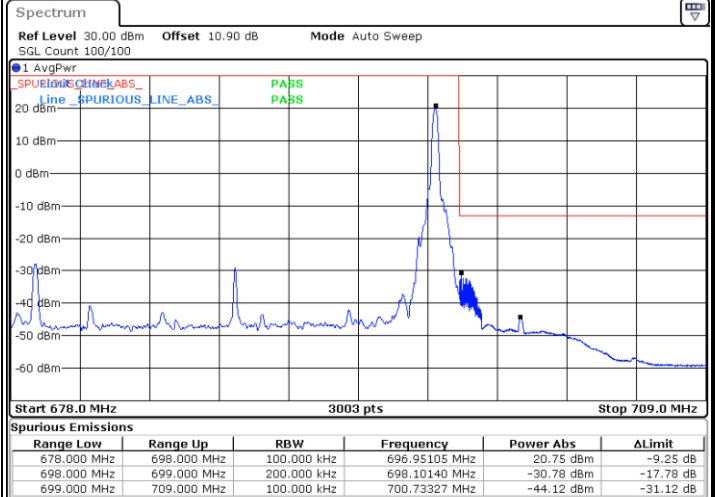
LTE Band 71 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



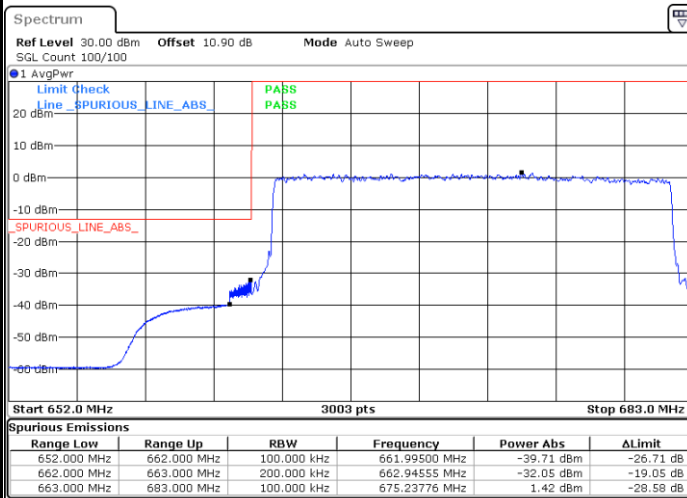
Date: 22.NOV.2021 17:02:19

Highest Band Edge / 1 RB



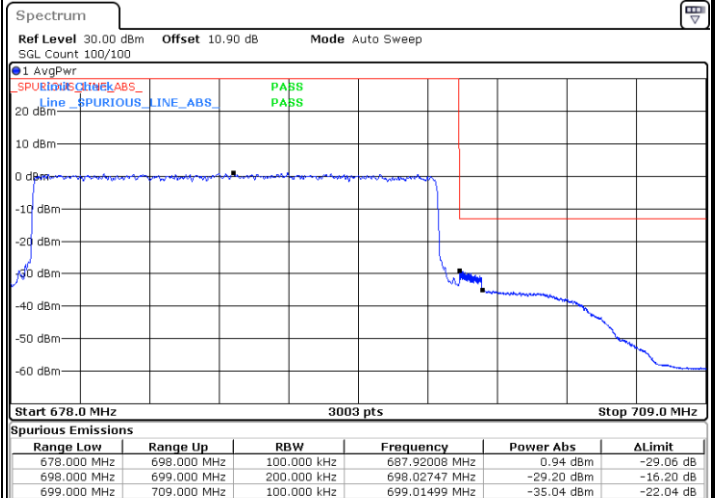
Date: 22.NOV.2021 17:04:28

Lowest Band Edge / Full RB



Date: 22.NOV.2021 17:03:02

Highest Band Edge / Full RB

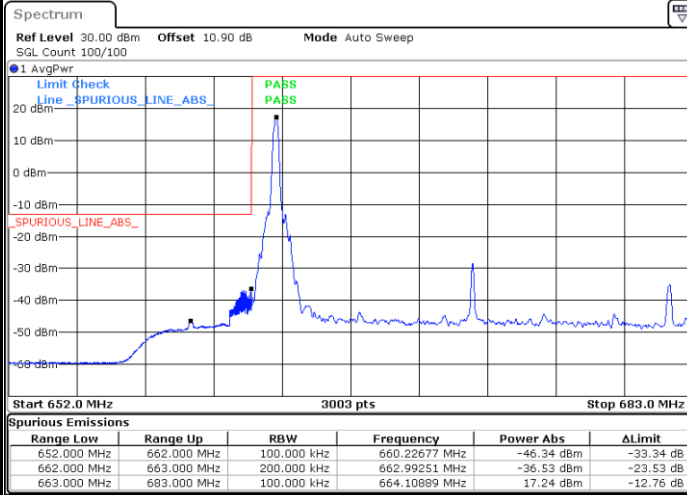


Date: 22.NOV.2021 17:05:12



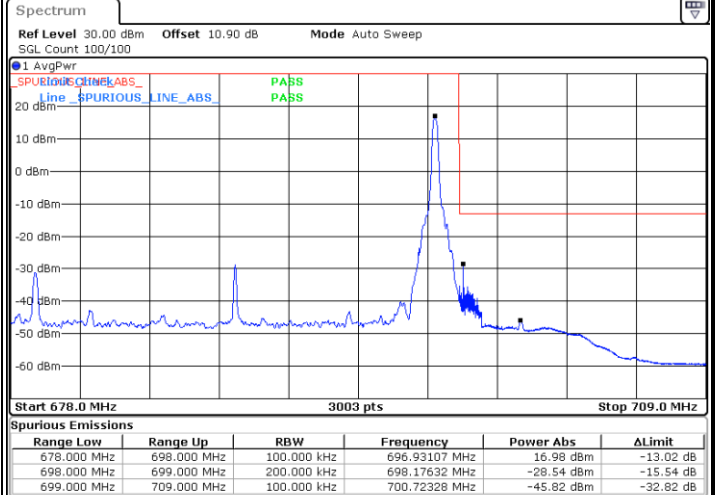
LTE Band 71 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



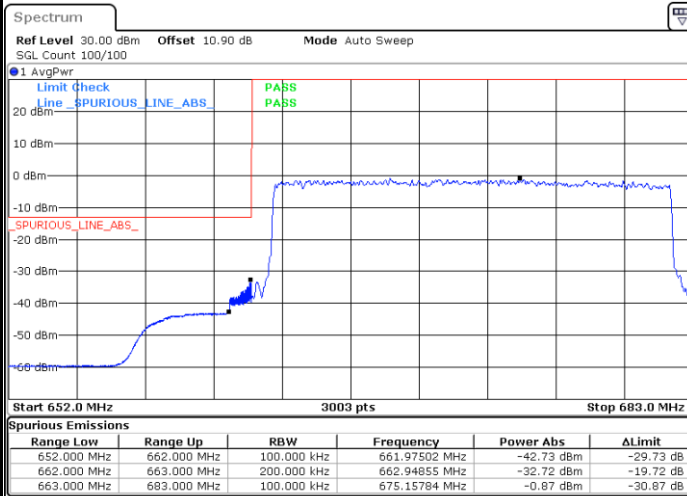
Date: 26.NOV.2021 15:57:37

Highest Band Edge / 1 RB



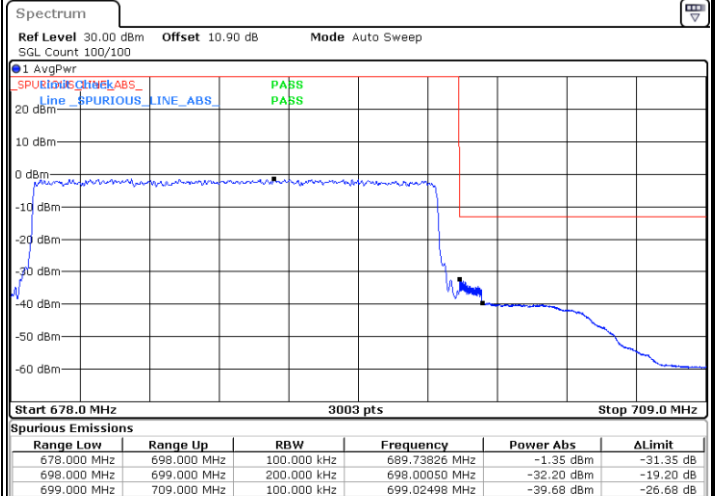
Date: 26.NOV.2021 15:58:38

Lowest Band Edge / Full RB



Date: 26.NOV.2021 15:54:45

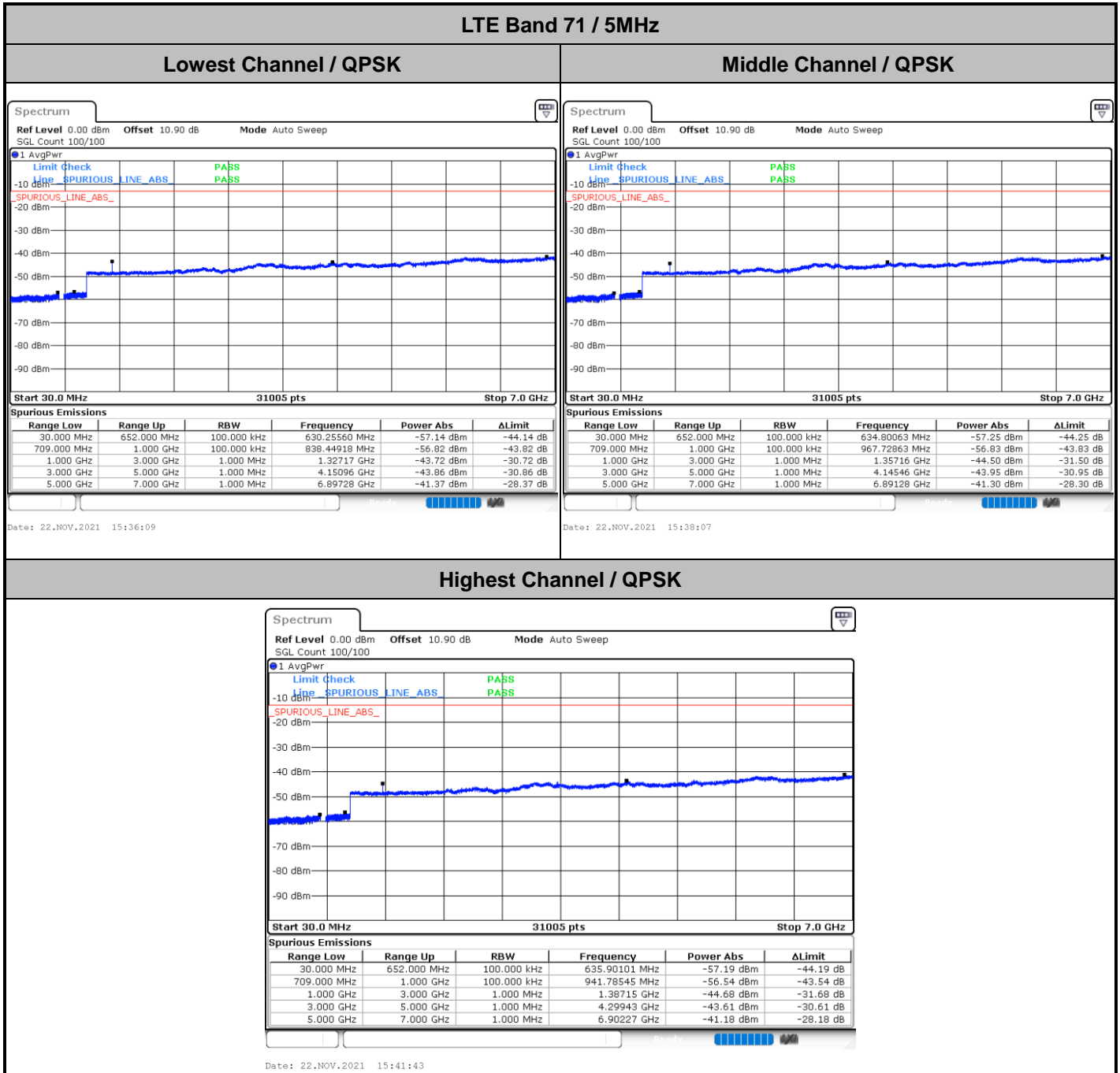
Highest Band Edge / Full RB



Date: 26.NOV.2021 16:00:12



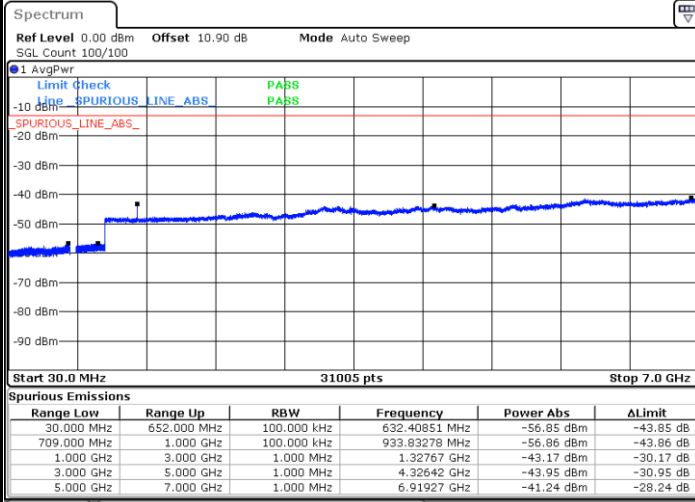
Conducted Spurious Emission





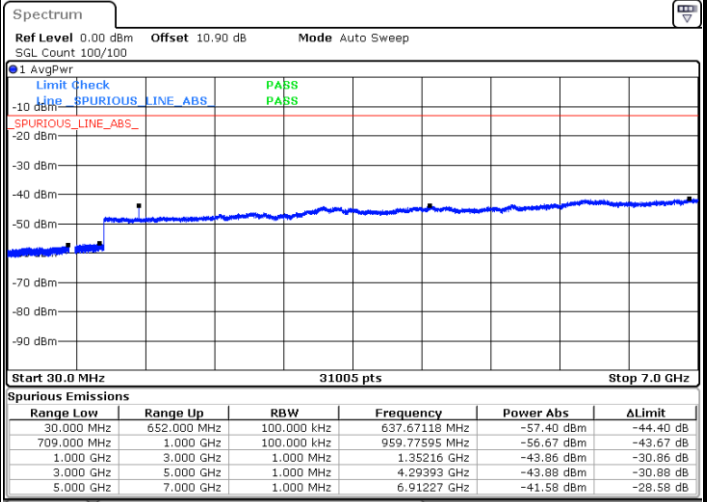
LTE Band 71 / 10MHz

Lowest Channel / QPSK



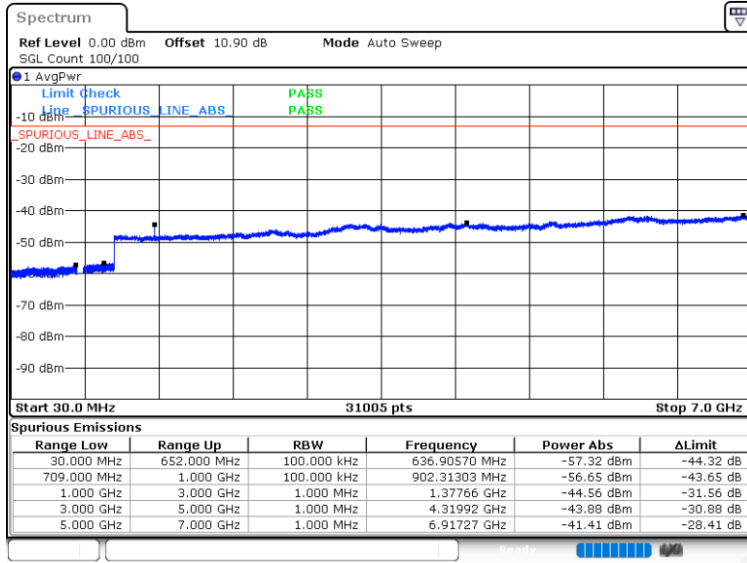
Date: 22.NOV.2021 15:49:15

Middle Channel / QPSK



Date: 22.NOV.2021 15:51:14

Highest Channel / QPSK



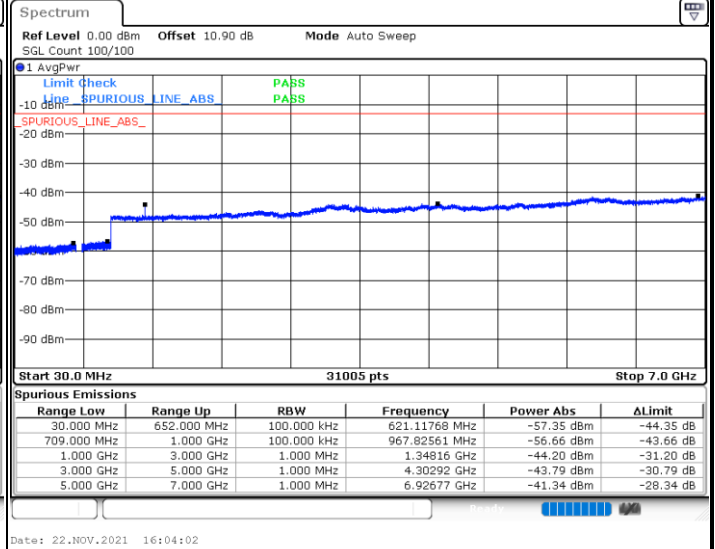
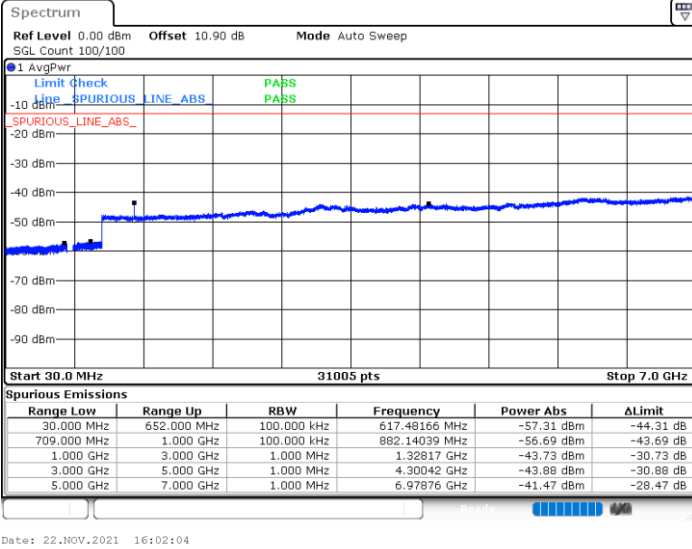
Date: 22.NOV.2021 15:54:43



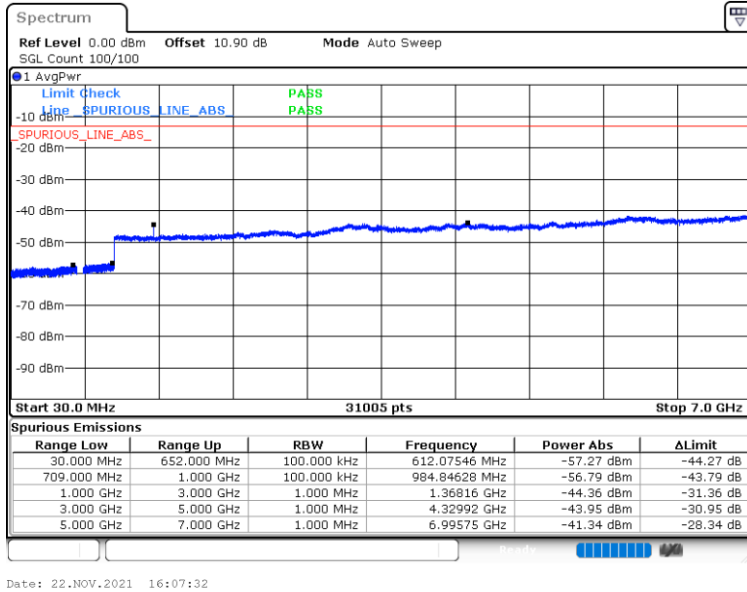
LTE Band 71 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

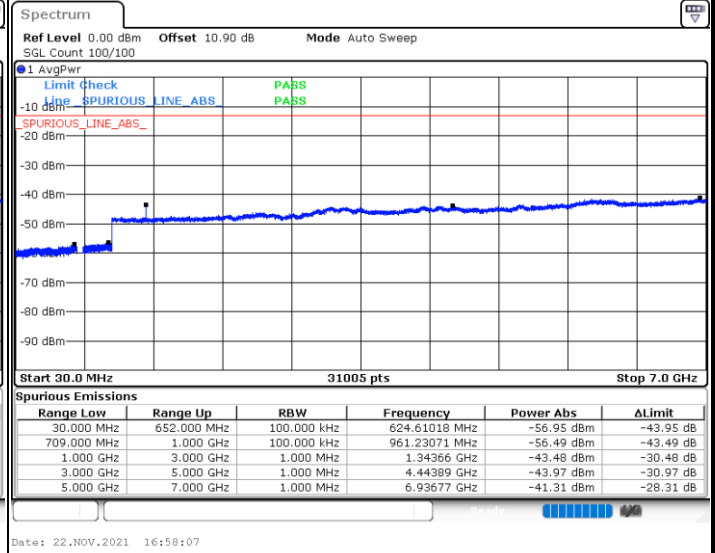
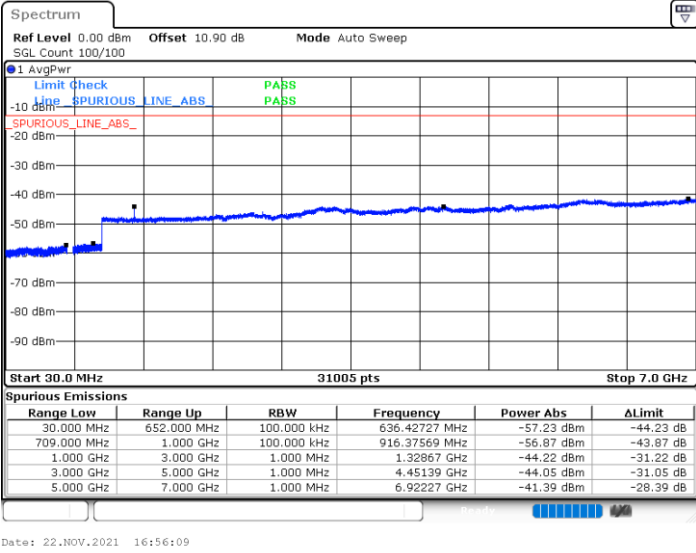




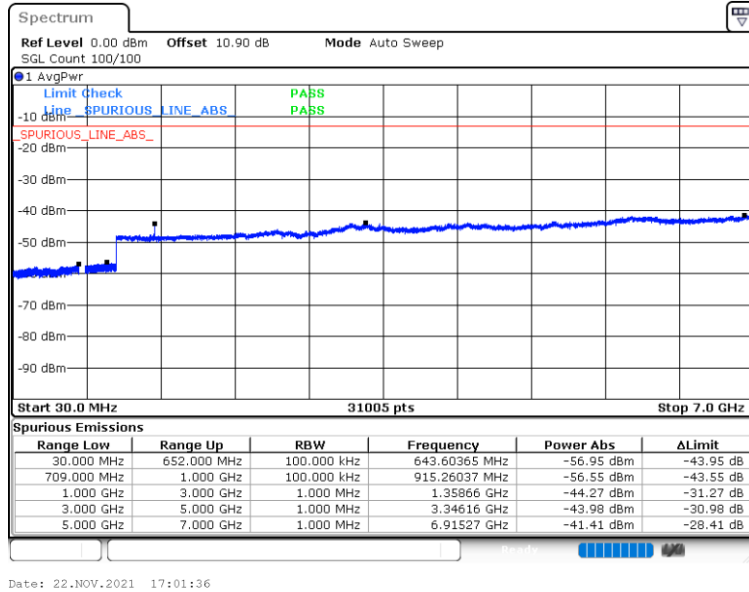
LTE Band 71 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK





Frequency Stability

| Test Conditions | | LTE Band 71 (QPSK) / Middle Channel | Limit |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt) | BW 10MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0157 | PASS |
| 40 | Normal Voltage | 0.0013 | |
| 30 | Normal Voltage | 0.0131 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0012 | |
| 0 | Normal Voltage | 0.0050 | |
| -10 | Normal Voltage | 0.0004 | |
| -20 | Normal Voltage | 0.0141 | |
| -30 | Normal Voltage | 0.0185 | |
| 20 | Maximum Voltage | 0.0009 | |
| 20 | Normal Voltage | 0.0000 | |
| 20 | Battery End Point | 0.0215 | |

Note:

- 1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

<Primary Antenna>

<Ant. 2>

LTE Band 2

| LTE Band 2 / 20MHz / QPSK | | | | | | | | | |
|---------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 3702 | -55.24 | -13 | -42.24 | -75.97 | -65.54 | 1.98 | 12.28 | H |
| | 5553 | -46.82 | -13 | -33.82 | -70.55 | -56.95 | 2.14 | 12.27 | H |
| | 7404 | -48.01 | -13 | -35.01 | -76.4 | -56.01 | 2.17 | 10.17 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3702 | -55.02 | -13 | -42.02 | -76.27 | -65.32 | 1.98 | 12.28 | V |
| | 5553 | -52.84 | -13 | -39.84 | -77.19 | -62.97 | 2.14 | 12.27 | V |
| | 7404 | -47.99 | -13 | -34.99 | -76.35 | -55.99 | 2.17 | 10.17 | V |
| | | | | | | | | | V |
| Middle | 3742 | -55.15 | -13 | -42.15 | -76 | -65.41 | 2.00 | 12.25 | H |
| | 5613 | -47.57 | -13 | -34.57 | -71.29 | -57.80 | 2.13 | 12.36 | H |
| | 7484 | -48.50 | -13 | -35.50 | -76.67 | -56.40 | 2.12 | 10.03 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3742 | -54.79 | -13 | -41.79 | -76.15 | -65.05 | 2.00 | 12.25 | V |
| | 5613 | -49.04 | -13 | -36.04 | -73.41 | -59.27 | 2.13 | 12.36 | V |
| | 7484 | -48.39 | -13 | -35.39 | -76.52 | -56.29 | 2.12 | 10.03 | V |
| | | | | | | | | | V |



| LTE Band 2 / 20MHz / QPSK | | | | | | | | | |
|---------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Highest | 3782 | -54.92 | -13 | -41.92 | -75.89 | -65.13 | 2.02 | 12.23 | H |
| | 5673 | -52.09 | -13 | -39.09 | -76.13 | -62.42 | 2.12 | 12.44 | H |
| | 7564 | -48.68 | -13 | -35.68 | -76.32 | -56.80 | 2.11 | 10.23 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3782 | -54.62 | -13 | -41.62 | -76.08 | -64.83 | 2.02 | 12.23 | V |
| | 5673 | -51.81 | -13 | -38.81 | -76.45 | -62.14 | 2.12 | 12.44 | V |
| | 7564 | -48.51 | -13 | -35.51 | -76.12 | -56.63 | 2.11 | 10.23 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



LTE Band 4

| LTE Band 4 / 20MHz / QPSK | | | | | | | | | |
|---------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 3420 | -55.65 | -13 | -42.65 | -74.68 | -66.01 | 1.80 | 12.16 | H |
| | 5133 | -52.77 | -13 | -39.77 | -76.33 | -62.59 | 2.31 | 12.13 | H |
| | 6844 | -50.38 | -13 | -37.38 | -76.81 | -59.07 | 2.37 | 11.06 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3420 | -55.93 | -13 | -42.93 | -75.62 | -66.29 | 1.80 | 12.16 | V |
| | 5133 | -52.19 | -13 | -39.19 | -76.32 | -62.01 | 2.31 | 12.13 | V |
| | 6844 | -50.06 | -13 | -37.06 | -77.04 | -58.75 | 2.37 | 11.06 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 3447 | -56.30 | -13 | -43.30 | -75.59 | -66.71 | 1.83 | 12.24 | H |
| | 5170 | -53.50 | -13 | -40.50 | -77.07 | -63.34 | 2.29 | 12.13 | H |
| | 6894 | -50.42 | -13 | -37.42 | -76.99 | -59.04 | 2.38 | 11.01 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3447 | -55.52 | -13 | -42.52 | -75.38 | -65.93 | 1.83 | 12.24 | V |
| | 5170 | -52.79 | -13 | -39.79 | -76.92 | -62.63 | 2.29 | 12.13 | V |
| | 6894 | -49.90 | -13 | -36.90 | -77.06 | -58.52 | 2.38 | 11.01 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | V | |



| LTE Band 4 / 20MHz / QPSK | | | | | | | | | |
|---------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Highest | 3472 | -55.68 | -13 | -42.68 | -75.22 | -66.15 | 1.85 | 12.32 | H |
| | 5208 | -53.96 | -13 | -40.96 | -77.54 | -63.83 | 2.27 | 12.14 | H |
| | 6944 | -50.23 | -13 | -37.23 | -76.93 | -58.79 | 2.40 | 10.96 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3472 | -55.93 | -13 | -42.93 | -75.99 | -66.40 | 1.85 | 12.32 | V |
| | 5208 | -53.18 | -13 | -40.18 | -77.31 | -63.05 | 2.27 | 12.14 | V |
| | 6944 | -49.37 | -13 | -36.37 | -76.69 | -57.93 | 2.40 | 10.96 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



LTE Band 7

| LTE Band 7 / 20MHz / QPSK | | | | | | | | | |
|---------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 5002 | -64.26 | -25 | -39.26 | -57.54 | -74.00 | 2.36 | 12.10 | H |
| | 7503 | -60.38 | -25 | -35.38 | -58.83 | -68.28 | 2.11 | 10.01 | H |
| | 10004 | -58.79 | -25 | -33.79 | -61.32 | -68.79 | 1.81 | 11.80 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 5002 | -63.37 | -25 | -38.37 | -57.27 | -73.11 | 2.36 | 12.10 | V |
| | 7503 | -57.15 | -25 | -32.15 | -55.46 | -65.05 | 2.11 | 10.01 | V |
| | 10004 | -59.73 | -25 | -34.73 | -61.34 | -69.73 | 1.81 | 11.80 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 5052 | -64.13 | -25 | -39.13 | -57.54 | -73.90 | 2.34 | 12.11 | H |
| | 7578 | -60.06 | -25 | -35.06 | -58.01 | -68.23 | 2.11 | 10.28 | H |
| | 10104 | -58.81 | -25 | -33.81 | -61.45 | -68.69 | 1.96 | 11.84 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 5052 | -63.18 | -25 | -38.18 | -57.19 | -72.95 | 2.34 | 12.11 | V |
| | 7578 | -54.76 | -25 | -29.76 | -52.7 | -62.93 | 2.11 | 10.28 | V |
| | 10104 | -59.51 | -25 | -34.51 | -61.42 | -69.39 | 1.96 | 11.84 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | V | |



| LTE Band 7 / 20MHz / QPSK | | | | | | | | | |
|---------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Highest | 5102 | -64.61 | -25 | -39.61 | -58.13 | -74.41 | 2.32 | 12.12 | H |
| | 7653 | -58.87 | -25 | -33.87 | -56.79 | -67.31 | 2.11 | 10.55 | H |
| | 10204 | -59.37 | -25 | -34.37 | -62.11 | -69.13 | 2.12 | 11.88 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 5102 | -64.27 | -25 | -39.27 | -58.38 | -74.07 | 2.32 | 12.12 | V |
| | 7653 | -53.67 | -25 | -28.67 | -51.64 | -62.11 | 2.11 | 10.55 | V |
| | 10204 | -59.65 | -25 | -34.65 | -61.86 | -69.41 | 2.12 | 11.88 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



LTE Band 7C

| LTE Band 7C / 20MHz+20MHz / QPSK | | | | | | | | | |
|----------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 5037 | -61.52 | -25 | -36.52 | -54.89 | -71.28 | 2.34 | 12.11 | H |
| | 7557 | -52.81 | -25 | -27.81 | -50.89 | -60.90 | 2.11 | 10.21 | H |
| | 10080 | -59.60 | -25 | -34.60 | -62.22 | -69.51 | 1.93 | 11.83 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 5037 | -61.76 | -25 | -36.76 | -55.74 | -71.52 | 2.34 | 12.11 | V |
| | 7557 | -58.61 | -25 | -33.61 | -56.65 | -66.70 | 2.11 | 10.21 | V |
| | 10080 | -60.52 | -25 | -35.52 | -62.36 | -70.43 | 1.93 | 11.83 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 5065 | -61.67 | -25 | -36.67 | -55.11 | -71.45 | 2.33 | 12.11 | H |
| | 7599 | -51.38 | -25 | -26.38 | -49.18 | -59.62 | 2.11 | 10.36 | H |
| | 10132 | -59.00 | -25 | -34.00 | -61.68 | -68.84 | 2.01 | 11.85 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 5065 | -63.04 | -25 | -38.04 | -57.08 | -72.82 | 2.33 | 12.11 | V |
| | 7599 | -57.64 | -25 | -32.64 | -55.47 | -65.88 | 2.11 | 10.36 | V |
| | 10132 | -59.91 | -25 | -34.91 | -61.91 | -69.75 | 2.01 | 11.85 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | V | |



| LTE Band 7C / 20MHz+20MHz / QPSK | | | | | | | | | |
|----------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Highest | 5100 | -62.43 | -25 | -37.43 | -55.96 | -72.23 | 2.32 | 12.12 | H |
| | 7648 | -49.85 | -25 | -24.85 | -47.76 | -58.27 | 2.11 | 10.53 | H |
| | 10198 | -59.87 | -25 | -34.87 | -62.61 | -69.64 | 2.11 | 11.88 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 5100 | -62.07 | -25 | -37.07 | -56.19 | -71.87 | 2.32 | 12.12 | V |
| | 7648 | -55.82 | -25 | -30.82 | -53.78 | -64.24 | 2.11 | 10.53 | V |
| | 10198 | -60.28 | -25 | -35.28 | -62.47 | -70.05 | 2.11 | 11.88 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



LTE Band 25

| LTE Band 25 / 20MHz / QPSK | | | | | | | | | |
|----------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 3700 | -55.58 | -13 | -42.58 | -76.31 | -65.89 | 1.97 | 12.28 | H |
| | 5553 | -53.32 | -13 | -40.32 | -77.05 | -63.45 | 2.14 | 12.27 | H |
| | 7403 | -48.45 | -13 | -35.45 | -76.85 | -56.45 | 2.17 | 10.17 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3700 | -54.82 | -13 | -41.82 | -76.07 | -65.13 | 1.97 | 12.28 | V |
| | 5553 | -52.73 | -13 | -39.73 | -77.08 | -62.86 | 2.14 | 12.27 | V |
| | 7403 | -48.53 | -13 | -35.53 | -76.89 | -56.53 | 2.17 | 10.17 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 3742 | -55.05 | -13 | -42.05 | -75.9 | -65.31 | 2.00 | 12.25 | H |
| | 5613 | -53.35 | -13 | -40.35 | -77.07 | -63.58 | 2.13 | 12.36 | H |
| | 7484 | -48.27 | -13 | -35.27 | -76.44 | -56.17 | 2.12 | 10.03 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3742 | -54.68 | -13 | -41.68 | -76.04 | -64.94 | 2.00 | 12.25 | V |
| | 5613 | -52.36 | -13 | -39.36 | -76.73 | -62.59 | 2.13 | 12.36 | V |
| | 7484 | -48.89 | -13 | -35.89 | -76.92 | -56.79 | 2.12 | 10.03 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | V | |



| LTE Band 25 / 20MHz / QPSK | | | | | | | | | |
|----------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Highest | 3791 | -54.84 | -13 | -41.84 | -75.83 | -65.04 | 2.02 | 12.23 | H |
| | 5688 | -52.47 | -13 | -39.47 | -76.58 | -62.82 | 2.11 | 12.46 | H |
| | 7585 | -48.99 | -13 | -35.99 | -76.46 | -57.18 | 2.11 | 10.31 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3791 | -54.16 | -13 | -41.16 | -75.64 | -64.36 | 2.02 | 12.23 | V |
| | 5688 | -51.42 | -13 | -38.42 | -76.15 | -61.77 | 2.11 | 12.46 | V |
| | 7585 | -48.75 | -13 | -35.75 | -76.23 | -56.94 | 2.11 | 10.31 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



LTE Band 38 HPUE

| LTE Band 38 (HPUE) / 20MHz / QPSK | | | | | | | | | |
|-----------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 5142 | -60.51 | -25 | -35.51 | -54.14 | -70.34 | 2.30 | 12.13 | H |
| | 7713 | -59.27 | -25 | -34.27 | -57.35 | -67.92 | 2.11 | 10.77 | H |
| | 10284 | -58.63 | -25 | -33.63 | -61.46 | -68.29 | 2.25 | 11.91 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 5142 | -58.75 | -25 | -33.75 | -52.95 | -68.58 | 2.30 | 12.13 | V |
| | 7713 | -53.67 | -25 | -28.67 | -51.81 | -62.32 | 2.11 | 10.77 | V |
| | 10284 | -58.94 | -25 | -33.94 | -61.39 | -68.60 | 2.25 | 11.91 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 5172 | -60.13 | -25 | -35.13 | -53.83 | -69.97 | 2.29 | 12.13 | H |
| | 7758 | -57.80 | -25 | -32.80 | -55.99 | -66.62 | 2.11 | 10.93 | H |
| | 10344 | -59.28 | -25 | -34.28 | -62.18 | -68.87 | 2.34 | 11.94 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 5172 | -60.53 | -25 | -35.53 | -54.79 | -70.37 | 2.29 | 12.13 | V |
| | 7758 | -52.38 | -25 | -27.38 | -50.63 | -61.20 | 2.11 | 10.93 | V |
| | 10344 | -59.32 | -25 | -34.32 | -61.95 | -68.91 | 2.34 | 11.94 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | V | |



| LTE Band 38 (HPUE) / 20MHz / QPSK | | | | | | | | | |
|-----------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Highest | 5202 | -58.72 | -25 | -33.72 | -52.49 | -68.58 | 2.28 | 12.14 | H |
| | 7803 | -58.09 | -25 | -33.09 | -56.4 | -67.07 | 2.11 | 11.09 | H |
| | 10404 | -58.50 | -25 | -33.50 | -61.46 | -68.02 | 2.44 | 11.96 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 5202 | -61.11 | -25 | -36.11 | -55.43 | -70.97 | 2.28 | 12.14 | V |
| | 7803 | -50.91 | -25 | -25.91 | -49.28 | -59.89 | 2.11 | 11.09 | V |
| | 10404 | -59.11 | -25 | -34.11 | -61.92 | -68.63 | 2.44 | 11.96 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



LTE Band 41 HPUE

| LTE Band 41 (HPUE) / 20MHz / QPSK | | | | | | | | | |
|-----------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 4994 | -63.03 | -25 | -38.03 | -56.28 | -72.77 | 2.36 | 12.10 | H |
| | 7491 | -60.66 | -25 | -35.66 | -59.17 | -68.56 | 2.12 | 10.02 | H |
| | 9988 | -59.75 | -25 | -34.75 | -62.28 | -69.74 | 1.81 | 11.80 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 4994 | -61.52 | -25 | -36.52 | -55.39 | -71.26 | 2.36 | 12.10 | V |
| | 7491 | -58.54 | -25 | -33.54 | -56.92 | -66.44 | 2.12 | 10.02 | V |
| | 9988 | -60.51 | -25 | -35.51 | -62.16 | -70.50 | 1.81 | 11.80 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 5168 | -63.76 | -25 | -38.76 | -57.44 | -73.60 | 2.29 | 12.13 | H |
| | 7752 | -59.05 | -25 | -34.05 | -57.23 | -67.84 | 2.11 | 10.91 | H |
| | 10336 | -59.10 | -25 | -34.10 | -61.99 | -68.70 | 2.33 | 11.93 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 5168 | -60.42 | -25 | -35.42 | -54.67 | -70.26 | 2.29 | 12.13 | V |
| | 7752 | -52.78 | -25 | -27.78 | -51.02 | -61.57 | 2.11 | 10.91 | V |
| | 10336 | -59.23 | -25 | -34.23 | -61.83 | -68.83 | 2.33 | 11.93 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |



| LTE Band 41 (HPUE) / 20MHz / QPSK | | | | | | | | | |
|-----------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Highest | 5342 | -63.22 | -25 | -38.22 | -57.41 | -73.17 | 2.22 | 12.17 | H |
| | 8013 | -57.31 | -25 | -32.31 | -56.67 | -67.02 | 2.11 | 11.82 | H |
| | 10684 | -58.47 | -25 | -33.47 | -61.92 | -67.60 | 2.62 | 11.74 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 5342 | -62.41 | -25 | -37.41 | -57.12 | -72.36 | 2.22 | 12.17 | V |
| | 8013 | -54.27 | -25 | -29.27 | -53.37 | -63.98 | 2.11 | 11.82 | V |
| | 10684 | -58.40 | -25 | -33.40 | -61.89 | -67.53 | 2.62 | 11.74 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



LTE Band 41C

| LTE Band 41C / 20MHz+20MHz / QPSK | | | | | | | | | |
|-----------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 5030 | -63.62 | -25 | -38.62 | -56.97 | -73.38 | 2.35 | 12.11 | H |
| | 7543 | -59.41 | -25 | -34.41 | -57.59 | -67.45 | 2.11 | 10.15 | H |
| | 10060 | -59.92 | -25 | -34.92 | -62.52 | -69.85 | 1.89 | 11.82 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 5030 | -63.25 | -25 | -38.25 | -57.21 | -73.01 | 2.35 | 12.11 | V |
| | 7543 | -57.95 | -25 | -32.95 | -56.06 | -65.99 | 2.11 | 10.15 | V |
| | 10060 | -61.29 | -25 | -36.29 | -63.07 | -71.22 | 1.89 | 11.82 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 5184 | -65.31 | -25 | -40.31 | -59.04 | -75.16 | 2.28 | 12.14 | H |
| | 7774 | -58.86 | -25 | -33.86 | -57.09 | -67.73 | 2.11 | 10.99 | H |
| | 10368 | -59.44 | -25 | -34.44 | -62.36 | -69.01 | 2.38 | 11.95 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 5184 | -64.86 | -25 | -39.86 | -59.14 | -74.71 | 2.28 | 12.14 | V |
| | 7774 | -54.48 | -25 | -29.48 | -52.78 | -63.35 | 2.11 | 10.99 | V |
| | 10368 | -59.39 | -25 | -34.39 | -62.09 | -68.96 | 2.38 | 11.95 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | V | |



| LTE Band 41C / 20MHz+20MHz / QPSK | | | | | | | | | |
|-----------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Highest | 5338 | -66.05 | -25 | -41.05 | -60.23 | -76.00 | 2.22 | 12.17 | H |
| | 8005 | -57.16 | -25 | -32.16 | -56.53 | -66.86 | 2.11 | 11.81 | H |
| | 10676 | -59.09 | -25 | -34.09 | -62.53 | -68.23 | 2.61 | 11.75 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 5338 | -65.81 | -25 | -40.81 | -60.5 | -75.76 | 2.22 | 12.17 | V |
| | 8005 | -54.38 | -25 | -29.38 | -53.49 | -64.08 | 2.11 | 11.81 | V |
| | 10676 | -59.21 | -25 | -34.21 | -62.68 | -68.35 | 2.61 | 11.75 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



LTE Band 66

| LTE Band 66 / 20MHz / QPSK | | | | | | | | | |
|----------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 3422 | -57.40 | -13 | -44.40 | -76.46 | -67.76 | 1.81 | 12.17 | H |
| | 5133 | -53.31 | -13 | -40.31 | -76.87 | -63.13 | 2.31 | 12.13 | H |
| | 6844 | -50.97 | -13 | -37.97 | -77.4 | -59.66 | 2.37 | 11.06 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3422 | -56.80 | -13 | -43.80 | -76.49 | -67.16 | 1.81 | 12.17 | V |
| | 5133 | -52.78 | -13 | -39.78 | -76.91 | -62.60 | 2.31 | 12.13 | V |
| | 6844 | -50.50 | -13 | -37.50 | -77.48 | -59.19 | 2.37 | 11.06 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 3472 | -56.78 | -13 | -43.78 | -76.32 | -67.25 | 1.85 | 12.32 | H |
| | 5208 | -54.14 | -13 | -41.14 | -77.72 | -64.01 | 2.27 | 12.14 | H |
| | 6944 | -50.19 | -13 | -37.19 | -76.89 | -58.75 | 2.40 | 10.96 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3472 | -56.31 | -13 | -43.31 | -76.37 | -66.78 | 1.85 | 12.32 | V |
| | 5208 | -53.62 | -13 | -40.62 | -77.75 | -63.49 | 2.27 | 12.14 | V |
| | 6944 | -49.87 | -13 | -36.87 | -77.19 | -58.43 | 2.40 | 10.96 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |



| LTE Band 66 / 20MHz / QPSK | | | | | | | | | |
|----------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Highest | 3522 | -56.70 | -13 | -43.70 | -76.66 | -67.21 | 1.88 | 12.39 | H |
| | 5283 | -54.23 | -13 | -41.23 | -77.86 | -64.14 | 2.24 | 12.16 | H |
| | 7044 | -49.59 | -13 | -36.59 | -76.65 | -58.02 | 2.39 | 10.82 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3522 | -56.30 | -13 | -43.30 | -76.73 | -66.81 | 1.88 | 12.39 | V |
| | 5283 | -53.67 | -13 | -40.67 | -77.83 | -63.58 | 2.24 | 12.16 | V |
| | 7044 | -49.04 | -13 | -36.04 | -76.71 | -57.47 | 2.39 | 10.82 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



LTE Band 66B

| LTE Band 66B / 10MHz+10MHz / QPSK | | | | | | | | | |
|-----------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 3441 | -57.03 | -13 | -44.03 | -76.27 | -67.43 | 1.82 | 12.22 | H |
| | 5166 | -53.19 | -13 | -40.19 | -76.76 | -63.03 | 2.29 | 12.13 | H |
| | 6888 | -50.15 | -13 | -37.15 | -76.7 | -58.78 | 2.38 | 11.01 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3441 | -56.32 | -13 | -43.32 | -76.14 | -66.72 | 1.82 | 12.22 | V |
| | 5166 | -53.06 | -13 | -40.06 | -77.19 | -62.90 | 2.29 | 12.13 | V |
| | 6888 | -50.31 | -13 | -37.31 | -77.44 | -58.94 | 2.38 | 11.01 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 3509 | -56.54 | -13 | -43.54 | -76.43 | -67.06 | 1.87 | 12.39 | H |
| | 5263 | -54.13 | -13 | -41.13 | -77.74 | -64.03 | 2.25 | 12.15 | H |
| | 7018 | -49.19 | -13 | -36.19 | -76.12 | -57.65 | 2.41 | 10.87 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3509 | -56.11 | -13 | -43.11 | -76.44 | -66.63 | 1.87 | 12.39 | V |
| | 5263 | -53.74 | -13 | -40.74 | -77.89 | -63.64 | 2.25 | 12.15 | V |
| | 7018 | -48.38 | -13 | -35.38 | -75.96 | -56.84 | 2.41 | 10.87 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |



| LTE Band 66B / 10MHz+10MHz / QPSK | | | | | | | | | |
|-----------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Highest | 3539 | -56.09 | -13 | -43.09 | -76.16 | -66.58 | 1.89 | 12.38 | H |
| | 5308 | -53.83 | -13 | -40.83 | -77.49 | -63.76 | 2.23 | 12.16 | H |
| | 7078 | -48.67 | -13 | -35.67 | -75.9 | -57.06 | 2.37 | 10.76 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3539 | -55.97 | -13 | -42.97 | -76.53 | -66.46 | 1.89 | 12.38 | V |
| | 5308 | -53.87 | -13 | -40.87 | -78.05 | -63.80 | 2.23 | 12.16 | V |
| | 7078 | -48.20 | -13 | -35.20 | -75.99 | -56.59 | 2.37 | 10.76 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



LTE Band 66C

| LTE Band 66C / 20MHz+20MHz / QPSK | | | | | | | | | |
|-----------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 3457 | -56.93 | -13 | -43.93 | -76.31 | -67.37 | 1.83 | 12.27 | H |
| | 5186 | -53.12 | -13 | -40.12 | -76.69 | -62.97 | 2.28 | 12.14 | H |
| | 6915 | -50.07 | -13 | -37.07 | -76.69 | -58.66 | 2.39 | 10.99 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3457 | -56.31 | -13 | -43.31 | -76.26 | -66.75 | 1.83 | 12.27 | V |
| | 5186 | -52.84 | -13 | -39.84 | -76.96 | -62.69 | 2.28 | 12.14 | V |
| | 6915 | -49.61 | -13 | -36.61 | -76.82 | -58.20 | 2.39 | 10.99 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 3508 | -56.20 | -13 | -43.20 | -76.09 | -66.72 | 1.87 | 12.40 | H |
| | 5262 | -53.83 | -13 | -40.83 | -77.44 | -63.73 | 2.25 | 12.15 | H |
| | 7016 | -49.21 | -13 | -36.21 | -76.13 | -57.67 | 2.41 | 10.87 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3508 | -56.05 | -13 | -43.05 | -76.38 | -66.57 | 1.87 | 12.40 | V |
| | 5262 | -53.33 | -13 | -40.33 | -77.48 | -63.23 | 2.25 | 12.15 | V |
| | 7016 | -47.96 | -13 | -34.96 | -75.54 | -56.42 | 2.41 | 10.87 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | V | |



| LTE Band 66C / 20MHz+20MHz / QPSK | | | | | | | | | |
|-----------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Highest | 3518 | -56.06 | -13 | -43.06 | -75.99 | -66.57 | 1.88 | 12.39 | H |
| | 5277 | -53.77 | -13 | -40.77 | -77.4 | -63.68 | 2.25 | 12.16 | H |
| | 7036 | -48.76 | -13 | -35.76 | -75.78 | -57.20 | 2.40 | 10.84 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3518 | -56.14 | -13 | -43.14 | -76.54 | -66.65 | 1.88 | 12.39 | V |
| | 5277 | -53.45 | -13 | -40.45 | -77.61 | -63.36 | 2.25 | 12.16 | V |
| | 7036 | -48.73 | -13 | -35.73 | -76.38 | -57.17 | 2.40 | 10.84 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



<Ant. 0>

LTE Band 5

| LTE Band 5 / 10MHz / QPSK | | | | | | | | | |
|---------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 1649 | -55.81 | -13 | -42.81 | -68.84 | -61.20 | 1.23 | 8.77 | H |
| | 2473 | -47.97 | -13 | -34.97 | -64.92 | -54.86 | 1.44 | 10.48 | H |
| | 3298 | -57.42 | -13 | -44.42 | -76.16 | -65.36 | 1.70 | 11.79 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1649 | -55.37 | -13 | -42.37 | -68.28 | -60.76 | 1.23 | 8.77 | V |
| | 2473 | -50.25 | -13 | -37.25 | -67.49 | -57.14 | 1.44 | 10.48 | V |
| | 3298 | -57.13 | -13 | -44.13 | -76.27 | -65.07 | 1.70 | 11.79 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 1664 | -54.97 | -13 | -41.97 | -68.06 | -60.41 | 1.23 | 8.82 | H |
| | 2496 | -45.67 | -13 | -32.67 | -62.55 | -52.58 | 1.44 | 10.50 | H |
| | 3328 | -57.31 | -13 | -44.31 | -75.86 | -65.32 | 1.73 | 11.88 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1664 | -56.19 | -13 | -43.19 | -69.16 | -61.63 | 1.23 | 8.82 | V |
| | 2496 | -47.69 | -13 | -34.69 | -64.78 | -54.60 | 1.44 | 10.50 | V |
| | 3328 | -56.92 | -13 | -43.92 | -75.95 | -64.93 | 1.73 | 11.88 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | V | |



| LTE Band 5 / 10MHz / QPSK | | | | | | | | | |
|---------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Highest | 1679 | -55.43 | -13 | -42.43 | -68.57 | -60.92 | 1.24 | 8.88 | H |
| | 2518 | -47.89 | -13 | -34.89 | -64.76 | -54.81 | 1.44 | 10.51 | H |
| | 3358 | -57.53 | -13 | -44.53 | -75.9 | -65.60 | 1.75 | 11.97 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1679 | -55.35 | -13 | -42.35 | -68.39 | -60.84 | 1.24 | 8.88 | V |
| | 2518 | -49.49 | -13 | -36.49 | -66.56 | -56.41 | 1.44 | 10.51 | V |
| | 3358 | -57.42 | -13 | -44.42 | -76.36 | -65.49 | 1.75 | 11.97 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



LTE Band 5B

| LTE Band 5B / 10+10MHz / QPSK | | | | | | | | | |
|-------------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 1669 | -61.88 | -13 | -48.88 | -74.99 | -67.34 | 1.23 | 8.84 | H |
| | 2503 | -56.46 | -13 | -43.46 | -73.32 | -63.37 | 1.44 | 10.50 | H |
| | 3338 | -57.39 | -13 | -44.39 | -75.89 | -65.42 | 1.74 | 11.91 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1669 | -61.96 | -13 | -48.96 | -74.96 | -67.42 | 1.23 | 8.84 | V |
| | 2503 | -55.83 | -13 | -42.83 | -72.88 | -62.74 | 1.44 | 10.50 | V |
| | 3338 | -56.74 | -13 | -43.74 | -75.75 | -64.77 | 1.74 | 11.91 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 1674 | -62.01 | -13 | -49.01 | -75.12 | -67.49 | 1.24 | 8.86 | H |
| | 2511 | -54.89 | -13 | -41.89 | -71.76 | -61.81 | 1.44 | 10.51 | H |
| | 3348 | -57.31 | -13 | -44.31 | -75.74 | -65.36 | 1.75 | 11.94 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1674 | -62.22 | -13 | -49.22 | -75.23 | -67.70 | 1.24 | 8.86 | V |
| | 2511 | -55.50 | -13 | -42.50 | -72.56 | -62.42 | 1.44 | 10.51 | V |
| | 3348 | -56.65 | -13 | -43.65 | -75.62 | -64.70 | 1.75 | 11.94 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | V | |



| LTE Band 5B / 10+10MHz / QPSK | | | | | | | | | |
|-------------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Highest | 1679 | -61.78 | -13 | -48.78 | -74.92 | -67.27 | 1.24 | 8.88 | H |
| | 2518 | -55.57 | -13 | -42.57 | -72.44 | -62.49 | 1.44 | 10.51 | H |
| | 3358 | -57.40 | -13 | -44.40 | -75.77 | -65.47 | 1.75 | 11.97 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1679 | -61.92 | -13 | -48.92 | -74.95 | -67.41 | 1.24 | 8.88 | V |
| | 2518 | -55.26 | -13 | -42.26 | -72.33 | -62.18 | 1.44 | 10.51 | V |
| | 3358 | -56.45 | -13 | -43.45 | -75.39 | -64.52 | 1.75 | 11.97 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



LTE Band 12

| LTE Band 12 / 10MHz / QPSK | | | | | | | | | |
|----------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 1399 | -59.56 | -13.00 | -46.56 | -74.10 | -64.00 | 1.15 | 7.74 | H |
| | 2099 | -56.19 | -13.00 | -43.19 | -73.07 | -62.84 | 1.38 | 10.18 | H |
| | 2798 | -58.32 | -13.00 | -45.32 | -76.01 | -65.46 | 1.45 | 10.74 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1399 | -63.81 | -13.00 | -50.81 | -73.80 | -68.25 | 1.15 | 7.74 | V |
| | 2099 | -49.51 | -13.00 | -36.51 | -66.65 | -56.16 | 1.38 | 10.18 | V |
| | 2798 | -57.53 | -13.00 | -44.53 | -75.63 | -64.67 | 1.45 | 10.74 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 1406 | -59.95 | -13.00 | -46.95 | -74.47 | -64.42 | 1.15 | 7.77 | H |
| | 2109 | -55.36 | -13.00 | -42.36 | -72.41 | -62.02 | 1.38 | 10.19 | H |
| | 2812 | -58.09 | -13.00 | -45.09 | -75.82 | -65.24 | 1.45 | 10.75 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1406 | -60.40 | -13.00 | -47.40 | -74.36 | -64.87 | 1.15 | 7.77 | V |
| | 2109 | -26.16 | -13.00 | -13.16 | -43.49 | -32.82 | 1.38 | 10.19 | V |
| | 2812 | -57.94 | -13.00 | -44.94 | -76.09 | -65.09 | 1.45 | 10.75 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | V | |



| LTE Band 12 / 10MHz / QPSK | | | | | | | | | |
|----------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Highest | 1413 | -59.79 | -13.00 | -46.79 | -74.27 | -64.29 | 1.15 | 7.80 | H |
| | 2120 | -52.96 | -13.00 | -39.96 | -70.21 | -59.63 | 1.38 | 10.20 | H |
| | 2826 | -58.26 | -13.00 | -45.26 | -76.03 | -65.42 | 1.45 | 10.76 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1413 | -60.18 | -13.00 | -47.18 | -74.13 | -64.68 | 1.15 | 7.80 | V |
| | 2120 | -43.77 | -13.00 | -30.77 | -61.33 | -50.44 | 1.38 | 10.20 | V |
| | 2826 | -57.50 | -13.00 | -44.50 | -75.69 | -64.66 | 1.45 | 10.76 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



LTE Band 13

| LTE Band 13 / 5MHz / QPSK | | | | | | | | | |
|---------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 1554 | -61.04 | -13 | -48.04 | -74.46 | -66.10 | 1.19 | 8.41 | H |
| | 2332 | -42.36 | -13 | -29.36 | -60.03 | -49.16 | 1.41 | 10.37 | H |
| | 3109 | -57.33 | -13 | -44.33 | -76.16 | -64.86 | 1.55 | 11.23 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1554 | -61.01 | -13 | -48.01 | -74.21 | -66.07 | 1.19 | 8.41 | V |
| | 2332 | -43.31 | -13 | -30.31 | -61.51 | -50.11 | 1.41 | 10.37 | V |
| | 3109 | -56.93 | -13 | -43.93 | -76.05 | -64.46 | 1.55 | 11.23 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 1560 | -61.20 | -42.15 | -19.05 | -74.56 | -66.29 | 1.19 | 8.43 | H |
| | 2336 | -43.13 | -13 | -30.13 | -60.75 | -49.94 | 1.41 | 10.37 | H |
| | 3120 | -56.90 | -13 | -43.90 | -75.79 | -64.45 | 1.56 | 11.26 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1560 | -61.49 | -42.15 | -19.34 | -74.63 | -66.58 | 1.19 | 8.43 | V |
| | 2336 | -44.76 | -13 | -31.76 | -62.91 | -51.57 | 1.41 | 10.37 | V |
| | 3120 | -56.67 | -13 | -43.67 | -75.84 | -64.22 | 1.56 | 11.26 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |



| LTE Band 13 / 5MHz / QPSK | | | | | | | | | |
|---------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Highest | 1564 | -61.60 | -42.15 | -19.45 | -74.90 | -66.70 | 1.19 | 8.44 | H |
| | 2347 | -42.96 | -13 | -29.96 | -60.52 | -49.77 | 1.42 | 10.38 | H |
| | 3129 | -56.56 | -13 | -43.56 | -75.50 | -64.13 | 1.57 | 11.29 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1564 | -61.64 | -42.15 | -19.49 | -74.73 | -66.74 | 1.19 | 8.44 | V |
| | 2347 | -43.91 | -13 | -30.91 | -62.00 | -50.72 | 1.42 | 10.38 | V |
| | 3129 | -56.59 | -13 | -43.59 | -75.78 | -64.16 | 1.57 | 11.29 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



| LTE Band 13 / 10MHz / QPSK | | | | | | | | | |
|----------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle | 1555 | -58.04 | -13 | -45.04 | -71.46 | -63.11 | 1.19 | 8.41 | H |
| | 2332 | -46.43 | -13 | -33.43 | -64.1 | -53.23 | 1.41 | 10.37 | H |
| | 3110 | -57.15 | -13 | -44.15 | -76 | -64.68 | 1.55 | 11.23 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1555 | -60.86 | -13 | -47.86 | -74.06 | -65.93 | 1.19 | 8.41 | V |
| | 2332 | -47.61 | -13 | -34.61 | -65.81 | -54.41 | 1.41 | 10.37 | V |
| | 3110 | -56.99 | -13 | -43.99 | -76.13 | -64.52 | 1.55 | 11.23 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



LTE Band 17

| LTE Band 17 / 10MHz / QPSK | | | | | | | | | |
|----------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 1409 | -59.97 | -13 | -46.97 | -74.47 | -64.45 | 1.15 | 7.78 | H |
| | 2114 | -43.91 | -13 | -30.91 | -61.03 | -50.57 | 1.38 | 10.19 | H |
| | 2818 | -58.07 | -13 | -45.07 | -75.82 | -65.22 | 1.45 | 10.75 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1409 | -60.44 | -13 | -47.44 | -74.40 | -64.92 | 1.15 | 7.78 | V |
| | 2114 | -41.77 | -13 | -28.77 | -59.17 | -48.43 | 1.38 | 10.19 | V |
| | 2818 | -57.83 | -13 | -44.83 | -75.99 | -64.98 | 1.45 | 10.75 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 1411 | -59.67 | -13 | -46.67 | -74.16 | -64.16 | 1.15 | 7.79 | H |
| | 2117 | -43.34 | -13 | -30.34 | -60.54 | -50.00 | 1.38 | 10.19 | H |
| | 2822 | -58.36 | -13 | -45.36 | -76.12 | -65.51 | 1.45 | 10.76 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1411 | -60.30 | -13 | -47.30 | -74.25 | -64.79 | 1.15 | 7.79 | V |
| | 2117 | -41.98 | -13 | -28.98 | -59.48 | -48.64 | 1.38 | 10.19 | V |
| | 2822 | -57.88 | -13 | -44.88 | -76.06 | -65.03 | 1.45 | 10.76 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | V | |



| LTE Band 17 / 10MHz / QPSK | | | | | | | | | |
|----------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Highest | 1413 | -59.54 | -13 | -46.54 | -74.02 | -64.04 | 1.15 | 7.80 | H |
| | 2120 | -44.41 | -13 | -31.41 | -61.66 | -51.08 | 1.38 | 10.20 | H |
| | 2826 | -58.06 | -13 | -45.06 | -75.83 | -65.22 | 1.45 | 10.76 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1413 | -60.31 | -13 | -47.31 | -74.26 | -64.81 | 1.15 | 7.80 | V |
| | 2120 | -41.72 | -13 | -28.72 | -59.28 | -48.39 | 1.38 | 10.20 | V |
| | 2826 | -57.82 | -13 | -44.82 | -76.01 | -64.98 | 1.45 | 10.76 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



LTE Band 26

| LTE Band 26 / 15MHz / QPSK | | | | | | | | | |
|----------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 1649 | -57.14 | -13 | -44.14 | -70.18 | -62.53 | 1.23 | 8.77 | H |
| | 2474 | -35.59 | -13 | -22.59 | -52.54 | -42.48 | 1.44 | 10.48 | H |
| | 3339 | -56.55 | -13 | -43.55 | -75.28 | -64.58 | 1.74 | 11.92 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1649 | -59.35 | -13 | -46.35 | -72.26 | -64.74 | 1.23 | 8.77 | V |
| | 2474 | -33.96 | -13 | -20.96 | -51.19 | -40.85 | 1.44 | 10.48 | V |
| | 3339 | -56.39 | -13 | -43.39 | -75.52 | -64.42 | 1.74 | 11.92 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 1656 | -61.80 | -13 | -48.80 | -74.86 | -67.21 | 1.23 | 8.79 | H |
| | 2488 | -36.11 | -13 | -23.11 | -53.01 | -43.01 | 1.44 | 10.49 | H |
| | 3320 | -57.81 | -13 | -44.81 | -76.42 | -65.80 | 1.72 | 11.86 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1656 | -60.18 | -13 | -47.18 | -73.11 | -65.59 | 1.23 | 8.79 | V |
| | 2488 | -37.81 | -13 | -24.81 | -54.95 | -44.71 | 1.44 | 10.49 | V |
| | 3320 | -57.32 | -13 | -44.32 | -76.39 | -65.31 | 1.72 | 11.86 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | V | |



| LTE Band 26 / 15MHz / QPSK | | | | | | | | | |
|----------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Highest | 1669 | -59.97 | -13 | -46.97 | -73.08 | -65.43 | 1.23 | 8.84 | H |
| | 2504 | -35.24 | -13 | -22.24 | -52.1 | -42.15 | 1.44 | 10.50 | H |
| | 3339 | -57.09 | -13 | -44.09 | -75.58 | -65.12 | 1.74 | 11.92 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1669 | -60.77 | -13 | -47.77 | -73.77 | -66.23 | 1.23 | 8.84 | V |
| | 2504 | -42.56 | -13 | -29.56 | -59.61 | -49.47 | 1.44 | 10.50 | V |
| | 3339 | -56.37 | -13 | -43.37 | -75.38 | -64.40 | 1.74 | 11.92 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



LTE Band 71

| LTE Band 71 / 20MHz / QPSK | | | | | | | | | |
|----------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 1328 | -59.49 | -13 | -46.49 | -73.71 | -65.97 | 0.83 | 7.31 | H |
| | 1992 | -36.20 | -13 | -23.20 | -51.29 | -45.13 | 1.04 | 9.97 | H |
| | 2656 | -58.69 | -13 | -45.69 | -75.8 | -68.39 | 1.19 | 10.89 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1328 | -56.33 | -13 | -43.33 | -70.2 | -62.81 | 0.83 | 7.31 | V |
| | 1992 | -36.34 | -13 | -23.34 | -51.44 | -45.27 | 1.04 | 9.97 | V |
| | 2656 | -58.41 | -13 | -45.41 | -75.82 | -68.11 | 1.19 | 10.89 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 1348 | -59.63 | -13 | -46.63 | -73.93 | -66.20 | 0.83 | 7.40 | H |
| | 2022 | -36.91 | -13 | -23.91 | -52.48 | -45.90 | 1.04 | 10.03 | H |
| | 2696 | -58.58 | -13 | -45.58 | -75.85 | -68.32 | 1.20 | 10.94 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1348 | -56.89 | -13 | -43.89 | -70.78 | -63.46 | 0.83 | 7.40 | V |
| | 2022 | -35.26 | -13 | -22.26 | -50.91 | -44.25 | 1.04 | 10.03 | V |
| | 2696 | -58.30 | -13 | -45.30 | -75.9 | -68.04 | 1.20 | 10.94 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | V | |



| LTE Band 71 / 20MHz / QPSK | | | | | | | | | |
|----------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Highest | 1358 | -58.83 | -13 | -45.83 | -73.18 | -65.44 | 0.83 | 7.45 | H |
| | 2037 | -36.28 | -13 | -23.28 | -52.13 | -45.28 | 1.05 | 10.05 | H |
| | 2716 | -58.50 | -13 | -45.50 | -75.86 | -68.26 | 1.20 | 10.96 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1358 | -57.19 | -13 | -44.19 | -71.1 | -63.80 | 0.83 | 7.45 | V |
| | 2037 | -37.18 | -13 | -24.18 | -53.14 | -46.18 | 1.05 | 10.05 | V |
| | 2716 | -57.97 | -13 | -44.97 | -75.65 | -67.73 | 1.20 | 10.96 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



<ASDIV Antenna>

<Ant. 0>

LTE Band 2

| LTE Band 2 / 20MHz / QPSK | | | | | | | | | |
|---------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 3702 | -54.87 | -13 | -41.87 | -75.6 | -65.17 | 1.98 | 12.28 | H |
| | 5553 | -41.35 | -13 | -28.35 | -65.08 | -51.48 | 2.14 | 12.27 | H |
| | 7404 | -48.15 | -13 | -35.15 | -76.54 | -56.15 | 2.17 | 10.17 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3702 | -54.79 | -13 | -41.79 | -76.04 | -65.09 | 1.98 | 12.28 | V |
| | 5553 | -48.94 | -13 | -35.94 | -73.29 | -59.07 | 2.14 | 12.27 | V |
| | 7404 | -47.83 | -13 | -34.83 | -76.19 | -55.83 | 2.17 | 10.17 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 3742 | -54.52 | -13 | -41.52 | -75.36 | -64.78 | 2.00 | 12.25 | H |
| | 5613 | -47.36 | -13 | -34.36 | -71.08 | -57.59 | 2.13 | 12.36 | H |
| | 7484 | -48.71 | -13 | -35.71 | -76.88 | -56.61 | 2.12 | 10.03 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3742 | -54.32 | -13 | -41.32 | -75.68 | -64.58 | 2.00 | 12.25 | V |
| | 5613 | -48.86 | -13 | -35.86 | -73.23 | -59.09 | 2.13 | 12.36 | V |
| | 7484 | -48.77 | -13 | -35.77 | -76.8 | -56.67 | 2.12 | 10.03 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |



| LTE Band 2 / 20MHz / QPSK | | | | | | | | | |
|---------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Highest | 3782 | -54.49 | -13 | -41.49 | -75.46 | -64.70 | 2.02 | 12.23 | H |
| | 5673 | -47.93 | -13 | -34.93 | -71.97 | -58.26 | 2.12 | 12.44 | H |
| | 7564 | -48.58 | -13 | -35.58 | -76.22 | -56.70 | 2.11 | 10.23 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3782 | -53.68 | -13 | -40.68 | -75.14 | -63.89 | 2.02 | 12.23 | V |
| | 5673 | -49.97 | -13 | -36.97 | -74.61 | -60.30 | 2.12 | 12.44 | V |
| | 7564 | -48.71 | -13 | -35.71 | -76.32 | -56.83 | 2.11 | 10.23 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



LTE Band 4

| LTE Band 4 / 20MHz / QPSK | | | | | | | | | |
|---------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 3422 | -56.83 | -13 | -43.83 | -75.89 | -67.19 | 1.81 | 12.17 | H |
| | 5135 | -44.83 | -13 | -31.83 | -68.39 | -54.65 | 2.30 | 12.13 | H |
| | 6844 | -50.57 | -13 | -37.57 | -77 | -59.26 | 2.37 | 11.06 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3422 | -56.24 | -13 | -43.24 | -75.93 | -66.60 | 1.81 | 12.17 | V |
| | 5135 | -45.08 | -13 | -32.08 | -69.21 | -54.90 | 2.30 | 12.13 | V |
| | 6844 | -50.04 | -13 | -37.04 | -77.02 | -58.73 | 2.37 | 11.06 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 3448 | -56.79 | -13 | -43.79 | -76.09 | -67.21 | 1.83 | 12.24 | H |
| | 5172 | -43.27 | -13 | -30.27 | -66.84 | -53.11 | 2.29 | 12.13 | H |
| | 6894 | -50.28 | -13 | -37.28 | -76.85 | -58.90 | 2.38 | 11.01 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3448 | -56.10 | -13 | -43.10 | -75.97 | -66.52 | 1.83 | 12.24 | V |
| | 5172 | -44.45 | -13 | -31.45 | -68.58 | -54.29 | 2.29 | 12.13 | V |
| | 6894 | -49.66 | -13 | -36.66 | -76.82 | -58.28 | 2.38 | 11.01 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |



| LTE Band 4 / 20MHz / QPSK | | | | | | | | | |
|---------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Highest | 3472 | -56.68 | -13 | -43.68 | -76.22 | -67.15 | 1.85 | 12.32 | H |
| | 5208 | -45.03 | -13 | -32.03 | -68.61 | -54.90 | 2.27 | 12.14 | H |
| | 6944 | -49.46 | -13 | -36.46 | -76.16 | -58.02 | 2.40 | 10.96 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3472 | -55.92 | -13 | -42.92 | -75.98 | -66.39 | 1.85 | 12.32 | V |
| | 5208 | -44.47 | -13 | -31.47 | -68.6 | -54.34 | 2.27 | 12.14 | V |
| | 6944 | -49.15 | -13 | -36.15 | -76.47 | -57.71 | 2.40 | 10.96 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



LTE Band 7

| LTE Band 7 / 20MHz / QPSK | | | | | | | | | |
|---------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 5002 | -52.50 | -25 | -27.50 | -76.03 | -62.24 | 2.36 | 12.10 | H |
| | 7503 | -47.39 | -25 | -22.39 | -75.49 | -55.29 | 2.11 | 10.01 | H |
| | 10004 | -44.31 | -25 | -19.31 | -76.34 | -54.31 | 1.81 | 11.80 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 5002 | -51.86 | -25 | -26.86 | -76.01 | -61.60 | 2.36 | 12.10 | V |
| | 7503 | -46.62 | -25 | -21.62 | -74.58 | -54.52 | 2.11 | 10.01 | V |
| | 10004 | -45.44 | -25 | -20.44 | -76.55 | -55.44 | 1.81 | 11.80 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 5052 | -52.82 | -25 | -27.82 | -76.36 | -62.59 | 2.34 | 12.11 | H |
| | 7578 | -46.21 | -25 | -21.21 | -73.74 | -54.38 | 2.11 | 10.28 | H |
| | 10104 | -43.82 | -25 | -18.82 | -75.9 | -53.70 | 1.96 | 11.84 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 5052 | -52.37 | -25 | -27.37 | -76.51 | -62.14 | 2.34 | 12.11 | V |
| | 7578 | -46.60 | -25 | -21.60 | -74.12 | -54.77 | 2.11 | 10.28 | V |
| | 10104 | -44.95 | -25 | -19.95 | -76.3 | -54.83 | 1.96 | 11.84 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | V | |



| LTE Band 7 / 20MHz / QPSK | | | | | | | | | |
|---------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Highest | 5102 | -52.71 | -25 | -27.71 | -76.26 | -62.51 | 2.32 | 12.12 | H |
| | 7653 | -44.79 | -25 | -19.79 | -72.22 | -53.23 | 2.11 | 10.55 | H |
| | 10204 | -43.79 | -25 | -18.79 | -75.94 | -53.55 | 2.12 | 11.88 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 5102 | -52.60 | -25 | -27.60 | -76.74 | -62.40 | 2.32 | 12.12 | V |
| | 7653 | -45.37 | -25 | -20.37 | -72.85 | -53.81 | 2.11 | 10.55 | V |
| | 10204 | -44.16 | -25 | -19.16 | -75.76 | -53.92 | 2.12 | 11.88 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



LTE Band 7C

| LTE Band 7C / 20MHz +20MHz / QPSK | | | | | | | | | |
|-----------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 5037 | -62.31 | -25 | -37.31 | -55.68 | -72.07 | 2.34 | 12.11 | H |
| | 7557 | -58.03 | -25 | -33.03 | -56.11 | -66.12 | 2.11 | 10.21 | H |
| | 10080 | -59.68 | -25 | -34.68 | -62.3 | -69.59 | 1.93 | 11.83 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 5037 | -62.85 | -25 | -37.85 | -56.83 | -72.61 | 2.34 | 12.11 | V |
| | 7557 | -53.70 | -25 | -28.70 | -51.74 | -61.79 | 2.11 | 10.21 | V |
| | 10080 | -60.45 | -25 | -35.45 | -62.29 | -70.36 | 1.93 | 11.83 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 5065 | -63.81 | -25 | -38.81 | -57.25 | -73.59 | 2.33 | 12.11 | H |
| | 7599 | -52.28 | -25 | -27.28 | -50.08 | -60.52 | 2.11 | 10.36 | H |
| | 10132 | -58.73 | -25 | -33.73 | -61.41 | -68.57 | 2.01 | 11.85 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 5065 | -63.67 | -25 | -38.67 | -57.71 | -73.45 | 2.33 | 12.11 | V |
| | 7599 | -61.14 | -25 | -36.14 | -58.97 | -69.38 | 2.11 | 10.36 | V |
| | 10132 | -60.28 | -25 | -35.28 | -62.28 | -70.12 | 2.01 | 11.85 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | V | |



| LTE Band 7C / 20MHz +20MHz / QPSK | | | | | | | | | |
|-----------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Highest | 5100 | -61.44 | -25 | -36.44 | -54.97 | -71.24 | 2.32 | 12.12 | H |
| | 7648 | -50.72 | -25 | -25.72 | -48.63 | -59.14 | 2.11 | 10.53 | H |
| | 10198 | -59.73 | -25 | -34.73 | -62.47 | -69.50 | 2.11 | 11.88 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 5100 | -62.51 | -25 | -37.51 | -56.63 | -72.31 | 2.32 | 12.12 | V |
| | 7648 | -48.33 | -25 | -23.33 | -46.29 | -56.75 | 2.11 | 10.53 | V |
| | 10198 | -60.94 | -25 | -35.94 | -63.13 | -70.71 | 2.11 | 11.88 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



LTE Band 25

| LTE Band 25 / 20MHz / QPSK | | | | | | | | | |
|----------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 3700 | -54.92 | -13 | -41.92 | -75.65 | -65.23 | 1.97 | 12.28 | H |
| | 5553 | -47.64 | -13 | -34.64 | -71.37 | -57.77 | 2.14 | 12.27 | H |
| | 7403 | -48.20 | -13 | -35.20 | -76.6 | -56.20 | 2.17 | 10.17 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3700 | -54.42 | -13 | -41.42 | -75.67 | -64.73 | 1.97 | 12.28 | V |
| | 5553 | -43.50 | -13 | -30.50 | -67.85 | -53.63 | 2.14 | 12.27 | V |
| | 7403 | -48.11 | -13 | -35.11 | -76.47 | -56.11 | 2.17 | 10.17 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 3742 | -54.78 | -13 | -41.78 | -75.63 | -65.04 | 2.00 | 12.25 | H |
| | 5613 | -48.96 | -13 | -35.96 | -72.68 | -59.19 | 2.13 | 12.36 | H |
| | 7484 | -48.01 | -13 | -35.01 | -76.18 | -55.91 | 2.12 | 10.03 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3742 | -54.36 | -13 | -41.36 | -75.72 | -64.62 | 2.00 | 12.25 | V |
| | 5613 | -44.56 | -13 | -31.56 | -68.93 | -54.79 | 2.13 | 12.36 | V |
| | 7484 | -47.93 | -13 | -34.93 | -75.96 | -55.83 | 2.12 | 10.03 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | V | |



| LTE Band 25 / 20MHz / QPSK | | | | | | | | | |
|----------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Highest | 3791 | -54.33 | -13 | -41.33 | -75.32 | -64.53 | 2.02 | 12.23 | H |
| | 5688 | -50.24 | -13 | -37.24 | -74.35 | -60.59 | 2.11 | 12.46 | H |
| | 7585 | -48.70 | -13 | -35.70 | -76.17 | -56.89 | 2.11 | 10.31 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3791 | -53.72 | -13 | -40.72 | -75.2 | -63.92 | 2.02 | 12.23 | V |
| | 5688 | -46.49 | -13 | -33.49 | -71.19 | -56.84 | 2.11 | 12.46 | V |
| | 7585 | -48.65 | -13 | -35.65 | -76.13 | -56.84 | 2.11 | 10.31 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



LTE Band 38 HPUE

| LTE Band 38 (HPUE) / 20MHz / QPSK | | | | | | | | | |
|-----------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 5142 | -51.98 | -25 | -26.98 | -75.54 | -61.81 | 2.30 | 12.13 | H |
| | 7713 | -45.09 | -25 | -20.09 | -72.62 | -53.74 | 2.11 | 10.77 | H |
| | 10284 | -44.05 | -25 | -19.05 | -76.23 | -53.71 | 2.25 | 11.91 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 5142 | -52.32 | -25 | -27.32 | -76.45 | -62.15 | 2.30 | 12.13 | V |
| | 7713 | -38.76 | -25 | -13.76 | -66.35 | -47.41 | 2.11 | 10.77 | V |
| | 10284 | -44.40 | -25 | -19.40 | -76.2 | -54.06 | 2.25 | 11.91 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 5172 | -51.65 | -25 | -26.65 | -75.22 | -61.49 | 2.29 | 12.13 | H |
| | 7758 | -43.43 | -25 | -18.43 | -71.03 | -52.25 | 2.11 | 10.93 | H |
| | 10344 | -43.81 | -25 | -18.81 | -76.02 | -53.40 | 2.34 | 11.94 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 5172 | -51.49 | -25 | -26.49 | -75.62 | -61.33 | 2.29 | 12.13 | V |
| | 7758 | -38.77 | -25 | -13.77 | -66.43 | -47.59 | 2.11 | 10.93 | V |
| | 10344 | -43.97 | -25 | -18.97 | -75.91 | -53.56 | 2.34 | 11.94 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | V | |



| LTE Band 38 (HPUE) / 20MHz / QPSK | | | | | | | | | |
|-----------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Highest | 5202 | -52.95 | -25 | -27.95 | -76.52 | -62.81 | 2.28 | 12.14 | H |
| | 7803 | -45.24 | -25 | -20.24 | -72.92 | -54.22 | 2.11 | 11.09 | H |
| | 10404 | -43.93 | -25 | -18.93 | -76.17 | -53.45 | 2.44 | 11.96 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 5202 | -52.36 | -25 | -27.36 | -76.48 | -62.22 | 2.28 | 12.14 | V |
| | 7803 | -40.64 | -25 | -15.64 | -68.38 | -49.62 | 2.11 | 11.09 | V |
| | 10404 | -43.87 | -25 | -18.87 | -75.96 | -53.39 | 2.44 | 11.96 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



LTE Band 41 HPUE

| LTE Band 41 (HPUE) / 20MHz / QPSK | | | | | | | | | |
|-----------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 4994 | -61.30 | -25 | -36.30 | -54.56 | -71.04 | 2.36 | 12.10 | H |
| | 7491 | -47.05 | -25 | -22.05 | -45.54 | -54.95 | 2.12 | 10.02 | H |
| | 9988 | -60.03 | -25 | -35.03 | -62.56 | -70.02 | 1.81 | 11.80 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 4994 | -61.53 | -25 | -36.53 | -55.41 | -71.27 | 2.36 | 12.10 | V |
| | 7491 | -47.79 | -25 | -22.79 | -46.14 | -55.69 | 2.12 | 10.02 | V |
| | 12485 | -57.45 | -25 | -32.45 | -61.46 | -68.17 | 2.55 | 13.27 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 5168 | -58.91 | -25 | -33.91 | -52.6 | -68.75 | 2.29 | 12.13 | H |
| | 7752 | -49.73 | -25 | -24.73 | -47.91 | -58.52 | 2.11 | 10.91 | H |
| | 12920 | -56.63 | -25 | -31.63 | -62.33 | -66.91 | 2.52 | 12.80 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 5168 | -56.70 | -25 | -31.70 | -50.95 | -66.54 | 2.29 | 12.13 | V |
| | 7752 | -45.76 | -25 | -20.76 | -44 | -54.55 | 2.11 | 10.91 | V |
| | 12920 | -53.60 | -25 | -28.60 | -58.58 | -63.88 | 2.52 | 12.80 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |



| LTE Band 41 (HPUE) / 20MHz / QPSK | | | | | | | | | |
|-----------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Highest | 5342 | -59.53 | -25 | -34.53 | -53.74 | -69.48 | 2.22 | 12.17 | H |
| | 8013 | -47.84 | -25 | -22.84 | -47.2 | -57.55 | 2.11 | 11.82 | H |
| | 10684 | -58.82 | -25 | -33.82 | -62.27 | -67.95 | 2.62 | 11.74 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 5342 | -58.78 | -25 | -33.78 | -53.5 | -68.73 | 2.22 | 12.17 | V |
| | 8013 | -45.42 | -25 | -20.42 | -44.52 | -55.13 | 2.11 | 11.82 | V |
| | 10684 | -58.90 | -25 | -33.90 | -62.39 | -68.03 | 2.62 | 11.74 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



LTE Band 41C

| LTE Band 41C / 20MHz +20MHz / QPSK | | | | | | | | | |
|------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 5030 | -64.76 | -25 | -39.76 | -58.11 | -74.52 | 2.35 | 12.11 | H |
| | 7543 | -61.90 | -25 | -36.90 | -60.08 | -69.94 | 2.11 | 10.15 | H |
| | 10060 | -60.09 | -25 | -35.09 | -62.69 | -70.02 | 1.89 | 11.82 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 5030 | -64.17 | -25 | -39.17 | -58.13 | -73.93 | 2.35 | 12.11 | V |
| | 7543 | -61.70 | -25 | -36.70 | -59.81 | -69.74 | 2.11 | 10.15 | V |
| | 10060 | -60.82 | -25 | -35.82 | -62.6 | -70.75 | 1.89 | 11.82 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 5184 | -65.35 | -25 | -40.35 | -59.08 | -75.20 | 2.28 | 12.14 | H |
| | 7774 | -56.97 | -25 | -31.97 | -55.2 | -65.84 | 2.11 | 10.99 | H |
| | 10368 | -58.85 | -25 | -33.85 | -61.77 | -68.42 | 2.38 | 11.95 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 5184 | -64.24 | -25 | -39.24 | -58.52 | -74.09 | 2.28 | 12.14 | V |
| | 7774 | -54.90 | -25 | -29.90 | -53.2 | -63.77 | 2.11 | 10.99 | V |
| | 10368 | -59.83 | -25 | -34.83 | -62.53 | -69.40 | 2.38 | 11.95 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |



| LTE Band 41C / 20MHz +20MHz / QPSK | | | | | | | | | |
|------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Highest | 5338 | -64.78 | -25 | -39.78 | -58.96 | -74.73 | 2.22 | 12.17 | H |
| | 8005 | -60.17 | -25 | -35.17 | -59.54 | -69.87 | 2.11 | 11.81 | H |
| | 10676 | -58.98 | -25 | -33.98 | -62.42 | -68.12 | 2.61 | 11.75 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 5338 | -65.26 | -25 | -40.26 | -59.95 | -75.21 | 2.22 | 12.17 | V |
| | 8005 | -61.38 | -25 | -36.38 | -60.49 | -71.08 | 2.11 | 11.81 | V |
| | 10676 | -58.75 | -25 | -33.75 | -62.22 | -67.89 | 2.61 | 11.75 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



LTE Band 66

| LTE Band 66 / 20MHz / QPSK | | | | | | | | | |
|----------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 3422 | -56.27 | -13 | -43.27 | -75.33 | -66.63 | 1.81 | 12.17 | H |
| | 5133 | -39.22 | -13 | -26.22 | -62.78 | -49.04 | 2.31 | 12.13 | H |
| | 6844 | -49.88 | -13 | -36.88 | -76.31 | -58.57 | 2.37 | 11.06 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3422 | -56.55 | -13 | -43.55 | -76.24 | -66.91 | 1.81 | 12.17 | V |
| | 5133 | -42.26 | -13 | -29.26 | -66.39 | -52.08 | 2.31 | 12.13 | V |
| | 6844 | -49.90 | -13 | -36.90 | -76.88 | -58.59 | 2.37 | 11.06 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 3472 | -56.38 | -13 | -43.38 | -75.92 | -66.85 | 1.85 | 12.32 | H |
| | 5208 | -43.15 | -13 | -30.15 | -66.73 | -53.02 | 2.27 | 12.14 | H |
| | 6944 | -49.74 | -13 | -36.74 | -76.44 | -58.30 | 2.40 | 10.96 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3472 | -56.35 | -13 | -43.35 | -76.41 | -66.82 | 1.85 | 12.32 | V |
| | 5208 | -45.23 | -13 | -32.23 | -69.36 | -55.10 | 2.27 | 12.14 | V |
| | 6944 | -49.01 | -13 | -36.01 | -76.33 | -57.57 | 2.40 | 10.96 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | V | |



| LTE Band 66 / 20MHz / QPSK | | | | | | | | | |
|----------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Highest | 3522 | -56.44 | -13 | -43.44 | -76.4 | -66.95 | 1.88 | 12.39 | H |
| | 5283 | -37.91 | -13 | -24.91 | -61.54 | -47.82 | 2.24 | 12.16 | H |
| | 7044 | -49.06 | -13 | -36.06 | -76.12 | -57.49 | 2.39 | 10.82 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3522 | -56.14 | -13 | -43.14 | -76.57 | -66.65 | 1.88 | 12.39 | V |
| | 5283 | -39.34 | -13 | -26.34 | -63.5 | -49.25 | 2.24 | 12.16 | V |
| | 7044 | -48.72 | -13 | -35.72 | -76.39 | -57.15 | 2.39 | 10.82 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



LTE Band 66B

| LTE Band 66B / 10MHz +10MHz / QPSK | | | | | | | | | |
|------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 3441 | -56.60 | -13 | -43.60 | -75.84 | -67.00 | 1.82 | 12.22 | H |
| | 5166 | -53.33 | -13 | -40.33 | -76.9 | -63.17 | 2.29 | 12.13 | H |
| | 6888 | -50.59 | -13 | -37.59 | -77.14 | -59.22 | 2.38 | 11.01 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3441 | -56.53 | -13 | -43.53 | -76.35 | -66.93 | 1.82 | 12.22 | V |
| | 5166 | -52.81 | -13 | -39.81 | -76.94 | -62.65 | 2.29 | 12.13 | V |
| | 6888 | -50.15 | -13 | -37.15 | -77.28 | -58.78 | 2.38 | 11.01 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 3509 | -56.63 | -13 | -43.63 | -76.52 | -67.15 | 1.87 | 12.39 | H |
| | 5263 | -53.82 | -13 | -40.82 | -77.43 | -63.72 | 2.25 | 12.15 | H |
| | 7018 | -48.97 | -13 | -35.97 | -75.9 | -57.43 | 2.41 | 10.87 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3509 | -55.77 | -13 | -42.77 | -76.1 | -66.29 | 1.87 | 12.39 | V |
| | 5263 | -53.28 | -13 | -40.28 | -77.43 | -63.18 | 2.25 | 12.15 | V |
| | 7018 | -47.85 | -13 | -34.85 | -75.43 | -56.31 | 2.41 | 10.87 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |



| LTE Band 66B / 10MHz +10MHz / QPSK | | | | | | | | | |
|------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Highest | 3539 | -56.56 | -13 | -43.56 | -76.63 | -67.05 | 1.89 | 12.38 | H |
| | 5308 | -53.41 | -13 | -40.41 | -77.07 | -63.34 | 2.23 | 12.16 | H |
| | 7078 | -48.79 | -13 | -35.79 | -76.02 | -57.18 | 2.37 | 10.76 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3539 | -56.11 | -13 | -43.11 | -76.67 | -66.60 | 1.89 | 12.38 | V |
| | 5308 | -52.85 | -13 | -39.85 | -77.03 | -62.78 | 2.23 | 12.16 | V |
| | 7078 | -48.14 | -13 | -35.14 | -75.93 | -56.53 | 2.37 | 10.76 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



LTE Band 66C

| LTE Band 66C / 20MHz +20MHz / QPSK | | | | | | | | | |
|------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 3457 | -56.92 | -13 | -43.92 | -76.32 | -67.36 | 1.83 | 12.27 | H |
| | 5186 | -51.85 | -13 | -38.85 | -75.42 | -61.70 | 2.28 | 12.14 | H |
| | 6915 | -49.50 | -13 | -36.50 | -76.12 | -58.09 | 2.39 | 10.99 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3457 | -56.51 | -13 | -43.51 | -76.46 | -66.95 | 1.83 | 12.27 | V |
| | 5186 | -51.00 | -13 | -38.00 | -75.12 | -60.85 | 2.28 | 12.14 | V |
| | 6915 | -49.05 | -13 | -36.05 | -76.27 | -57.64 | 2.39 | 10.99 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 3508 | -56.42 | -13 | -43.42 | -76.31 | -66.94 | 1.87 | 12.40 | H |
| | 5262 | -53.34 | -13 | -40.34 | -76.95 | -63.24 | 2.25 | 12.15 | H |
| | 7016 | -49.19 | -13 | -36.19 | -76.11 | -57.65 | 2.41 | 10.87 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3508 | -56.13 | -13 | -43.13 | -76.46 | -66.65 | 1.87 | 12.40 | V |
| | 5262 | -52.57 | -13 | -39.57 | -76.72 | -62.47 | 2.25 | 12.15 | V |
| | 7016 | -48.65 | -13 | -35.65 | -76.23 | -57.11 | 2.41 | 10.87 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | V | |



| LTE Band 66C / 20MHz +20MHz / QPSK | | | | | | | | | |
|------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Highest | 3518 | -56.70 | -13 | -43.70 | -76.63 | -67.21 | 1.88 | 12.39 | H |
| | 5277 | -53.53 | -13 | -40.53 | -77.16 | -63.44 | 2.25 | 12.16 | H |
| | 7036 | -49.36 | -13 | -36.36 | -76.38 | -57.80 | 2.40 | 10.84 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 3518 | -55.71 | -13 | -42.71 | -76.11 | -66.22 | 1.88 | 12.39 | V |
| | 5277 | -53.03 | -13 | -40.03 | -77.19 | -62.94 | 2.25 | 12.16 | V |
| | 7036 | -48.49 | -13 | -35.49 | -76.12 | -56.93 | 2.40 | 10.84 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



<Ant. 1>

LTE Band 5

| LTE Band 5 / 10MHz / QPSK | | | | | | | | | |
|---------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 1649 | -61.32 | -13 | -48.32 | -74.36 | -66.71 | 1.23 | 8.77 | H |
| | 2473 | -38.35 | -13 | -25.35 | -55.3 | -45.24 | 1.44 | 10.48 | H |
| | 3298 | -57.35 | -13 | -44.35 | -76.09 | -65.29 | 1.70 | 11.79 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1649 | -61.47 | -13 | -48.47 | -74.38 | -66.86 | 1.23 | 8.77 | V |
| | 2473 | -37.80 | -13 | -24.80 | -55.04 | -44.69 | 1.44 | 10.48 | V |
| | 3298 | -56.91 | -13 | -43.91 | -76.05 | -64.85 | 1.70 | 11.79 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 1664 | -61.78 | -13 | -48.78 | -74.87 | -67.22 | 1.23 | 8.82 | H |
| | 2496 | -39.38 | -13 | -26.38 | -56.26 | -46.29 | 1.44 | 10.50 | H |
| | 3328 | -57.28 | -13 | -44.28 | -75.83 | -65.29 | 1.73 | 11.88 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1664 | -61.56 | -13 | -48.56 | -74.53 | -67.00 | 1.23 | 8.82 | V |
| | 2496 | -38.31 | -13 | -25.31 | -55.4 | -45.22 | 1.44 | 10.50 | V |
| | 3328 | -56.98 | -13 | -43.98 | -76.01 | -64.99 | 1.73 | 11.88 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | V | |



| LTE Band 5 / 10MHz / QPSK | | | | | | | | | |
|---------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Highest | 1679 | -61.39 | -13 | -48.39 | -74.53 | -66.88 | 1.24 | 8.88 | H |
| | 2518 | -39.35 | -13 | -26.35 | -56.22 | -46.27 | 1.44 | 10.51 | H |
| | 3358 | -57.72 | -13 | -44.72 | -76.09 | -65.79 | 1.75 | 11.97 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1679 | -61.76 | -13 | -48.76 | -74.79 | -67.25 | 1.24 | 8.88 | V |
| | 2518 | -38.98 | -13 | -25.98 | -56.05 | -45.90 | 1.44 | 10.51 | V |
| | 3358 | -57.29 | -13 | -44.29 | -76.23 | -65.36 | 1.75 | 11.97 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



LTE Band 5B

| LTE Band 5B / 10+10MHz / QPSK | | | | | | | | | |
|-------------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 1669 | -59.85 | -13 | -46.85 | -72.96 | -65.31 | 1.23 | 8.84 | H |
| | 2503 | -50.34 | -13 | -37.34 | -67.2 | -57.25 | 1.44 | 10.50 | H |
| | 3338 | -57.15 | -13 | -44.15 | -75.65 | -65.18 | 1.74 | 11.91 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1669 | -61.95 | -13 | -48.95 | -74.95 | -67.41 | 1.23 | 8.84 | V |
| | 2503 | -51.41 | -13 | -38.41 | -68.46 | -58.32 | 1.44 | 10.50 | V |
| | 3338 | -56.55 | -13 | -43.55 | -75.56 | -64.58 | 1.74 | 11.91 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 1674 | -58.05 | -13 | -45.05 | -71.16 | -63.53 | 1.24 | 8.86 | H |
| | 2511 | -43.94 | -13 | -30.94 | -60.81 | -50.86 | 1.44 | 10.51 | H |
| | 3348 | -57.37 | -13 | -44.37 | -75.8 | -65.42 | 1.75 | 11.94 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1674 | -61.66 | -13 | -48.66 | -74.67 | -67.14 | 1.24 | 8.86 | V |
| | 2511 | -48.93 | -13 | -35.93 | -65.99 | -55.85 | 1.44 | 10.51 | V |
| | 3348 | -56.54 | -13 | -43.54 | -75.51 | -64.59 | 1.75 | 11.94 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | V | |



| LTE Band 5B / 10+10MHz / QPSK | | | | | | | | | |
|-------------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Highest | 1679 | -59.17 | -13 | -46.17 | -72.31 | -64.66 | 1.24 | 8.88 | H |
| | 2518 | -51.23 | -13 | -38.23 | -68.1 | -58.15 | 1.44 | 10.51 | H |
| | 3358 | -57.36 | -13 | -44.36 | -75.73 | -65.43 | 1.75 | 11.97 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1679 | -61.42 | -13 | -48.42 | -74.45 | -66.91 | 1.24 | 8.88 | V |
| | 2518 | -50.12 | -13 | -37.12 | -67.19 | -57.04 | 1.44 | 10.51 | V |
| | 3358 | -56.43 | -13 | -43.43 | -75.37 | -64.50 | 1.75 | 11.97 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



LTE Band 12

| LTE Band 12 / 10MHz / QPSK | | | | | | | | | |
|----------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 1399 | -57.43 | -13.00 | -44.43 | -71.97 | -61.87 | 1.15 | 7.74 | H |
| | 2099 | -45.66 | -13.00 | -32.66 | -62.54 | -52.31 | 1.38 | 10.18 | H |
| | 2798 | -57.95 | -13.00 | -44.95 | -75.64 | -65.09 | 1.45 | 10.74 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1399 | -64.14 | -13.00 | -51.14 | -74.13 | -68.58 | 1.15 | 7.74 | V |
| | 2099 | -46.18 | -13.00 | -33.18 | -63.32 | -52.83 | 1.38 | 10.18 | V |
| | 2798 | -57.41 | -13.00 | -44.41 | -75.51 | -64.55 | 1.45 | 10.74 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 1406 | -57.61 | -13.00 | -44.61 | -72.11 | -62.08 | 1.15 | 7.77 | H |
| | 2109 | -44.17 | -13.00 | -31.17 | -61.22 | -50.83 | 1.38 | 10.19 | H |
| | 2812 | -57.80 | -13.00 | -44.80 | -75.53 | -64.95 | 1.45 | 10.75 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1406 | -60.10 | -13.00 | -47.10 | -74.06 | -64.57 | 1.15 | 7.77 | V |
| | 2109 | -43.38 | -13.00 | -30.38 | -60.71 | -50.04 | 1.38 | 10.19 | V |
| | 2812 | -57.70 | -13.00 | -44.70 | -75.85 | -64.85 | 1.45 | 10.75 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | V | |



| LTE Band 12 / 10MHz / QPSK | | | | | | | | | |
|----------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Highest | 1413 | -58.44 | -13.00 | -45.44 | -72.92 | -62.94 | 1.15 | 7.80 | H |
| | 2120 | -43.97 | -13.00 | -30.97 | -61.22 | -50.64 | 1.38 | 10.20 | H |
| | 2826 | -58.18 | -13.00 | -45.18 | -75.95 | -65.34 | 1.45 | 10.76 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1413 | -59.88 | -13.00 | -46.88 | -73.83 | -64.38 | 1.15 | 7.80 | V |
| | 2120 | -40.22 | -13.00 | -27.22 | -57.78 | -46.89 | 1.38 | 10.20 | V |
| | 2826 | -57.45 | -13.00 | -44.45 | -75.63 | -64.61 | 1.45 | 10.76 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



LTE Band 13

| LTE Band 13 / 5MHz / QPSK | | | | | | | | | |
|---------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 1554 | -60.98 | -13 | -47.98 | -74.41 | -66.04 | 1.19 | 8.41 | H |
| | 2332 | -44.30 | -13 | -31.30 | -61.97 | -51.10 | 1.41 | 10.37 | H |
| | 3109 | -57.25 | -13 | -44.25 | -76.08 | -64.78 | 1.55 | 11.23 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1554 | -61.25 | -13 | -48.25 | -74.46 | -66.31 | 1.19 | 8.41 | V |
| | 2332 | -41.45 | -13 | -28.45 | -59.65 | -48.25 | 1.41 | 10.37 | V |
| | 3109 | -57.14 | -13 | -44.14 | -76.26 | -64.67 | 1.55 | 11.23 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 1560 | -60.81 | -42.15 | -18.66 | -74.17 | -65.90 | 1.19 | 8.43 | H |
| | 2336 | -40.63 | -13 | -27.63 | -58.27 | -47.44 | 1.41 | 10.37 | H |
| | 3120 | -57.00 | -13 | -44.00 | -75.90 | -64.55 | 1.56 | 11.26 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1560 | -61.71 | -42.15 | -19.56 | -74.85 | -66.80 | 1.19 | 8.43 | V |
| | 2336 | -38.58 | -13 | -25.58 | -56.76 | -45.39 | 1.41 | 10.37 | V |
| | 3120 | -56.68 | -13 | -43.68 | -75.85 | -64.23 | 1.56 | 11.26 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | V | |



| LTE Band 13 / 5MHz / QPSK | | | | | | | | | |
|---------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Highest | 1564 | -59.97 | -42.15 | -17.82 | -73.29 | -65.07 | 1.19 | 8.44 | H |
| | 2347 | -39.52 | -13 | -26.52 | -57.08 | -46.33 | 1.42 | 10.38 | H |
| | 3911 | -53.10 | -13 | -40.10 | -73.78 | -61.02 | 2.08 | 12.15 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1564 | -62.05 | -42.15 | -19.90 | -75.15 | -67.15 | 1.19 | 8.44 | V |
| | 2347 | -39.07 | -13 | -26.07 | -57.16 | -45.88 | 1.42 | 10.38 | V |
| | 3911 | -54.96 | -13 | -41.96 | -76.08 | -62.88 | 2.08 | 12.15 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



| LTE Band 13 / 10MHz / QPSK | | | | | | | | | |
|----------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle | 1555 | -60.56 | -13 | -47.56 | -73.98 | -65.63 | 1.19 | 8.41 | H |
| | 2332 | -42.24 | -13 | -29.24 | -59.91 | -49.04 | 1.41 | 10.37 | H |
| | 3110 | -44.21 | -13 | -31.21 | -76.12 | -51.74 | 1.55 | 11.23 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1555 | -61.72 | -13 | -48.72 | -74.92 | -66.79 | 1.19 | 8.41 | V |
| | 2332 | -38.51 | -13 | -25.51 | -56.71 | -45.31 | 1.41 | 10.37 | V |
| | 3110 | -56.97 | -13 | -43.97 | -76.11 | -64.50 | 1.55 | 11.23 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



LTE Band 17

| LTE Band 17 / 10MHz / QPSK | | | | | | | | | |
|----------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 1409 | -59.87 | -13 | -46.87 | -74.38 | -64.35 | 1.15 | 7.78 | H |
| | 2114 | -58.83 | -13 | -45.83 | -75.95 | -65.49 | 1.38 | 10.19 | H |
| | 2818 | -58.18 | -13 | -45.18 | -75.93 | -65.33 | 1.45 | 10.75 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1409 | -60.20 | -13 | -47.20 | -74.16 | -64.68 | 1.15 | 7.78 | V |
| | 2114 | -58.31 | -13 | -45.31 | -75.75 | -64.97 | 1.38 | 10.19 | V |
| | 2818 | -57.93 | -13 | -44.93 | -76.09 | -65.08 | 1.45 | 10.75 | V |
| | | | | | | | | | V |
| | Middle | 1411 | -59.44 | -13 | -46.44 | -73.94 | -63.93 | 1.15 | 7.79 |
| 2117 | | -58.26 | -13 | -45.26 | -75.46 | -64.92 | 1.38 | 10.19 | H |
| 2822 | | -58.06 | -13 | -45.06 | -75.82 | -65.21 | 1.45 | 10.76 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| 1411 | | -59.69 | -13 | -46.69 | -73.64 | -64.18 | 1.15 | 7.79 | V |
| 2117 | | -57.94 | -13 | -44.94 | -75.44 | -64.60 | 1.38 | 10.19 | V |
| 2822 | | -57.57 | -13 | -44.57 | -75.75 | -64.72 | 1.45 | 10.76 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | V | |



| LTE Band 17 / 10MHz / QPSK | | | | | | | | | |
|----------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Highest | 1413 | -59.40 | -13 | -46.40 | -73.88 | -63.90 | 1.15 | 7.80 | H |
| | 2120 | -58.39 | -13 | -45.39 | -75.64 | -65.06 | 1.38 | 10.20 | H |
| | 2826 | -58.20 | -13 | -45.20 | -75.97 | -65.36 | 1.45 | 10.76 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1413 | -60.08 | -13 | -47.08 | -74.03 | -64.58 | 1.15 | 7.80 | V |
| | 2120 | -58.23 | -13 | -45.23 | -75.79 | -64.90 | 1.38 | 10.20 | V |
| | 2826 | -57.47 | -13 | -44.47 | -75.66 | -64.63 | 1.45 | 10.76 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



LTE Band 26

| LTE Band 26 / 15MHz / QPSK | | | | | | | | | |
|----------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 1649 | -61.19 | -13 | -48.19 | -74.23 | -66.58 | 1.23 | 8.77 | H |
| | 2474 | -41.89 | -13 | -28.89 | -58.84 | -48.78 | 1.44 | 10.48 | H |
| | 3339 | -57.82 | -13 | -44.82 | -76.31 | -65.85 | 1.74 | 11.92 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1649 | -62.19 | -13 | -49.19 | -75.1 | -67.58 | 1.23 | 8.77 | V |
| | 2474 | -46.11 | -13 | -33.11 | -63.35 | -53.00 | 1.44 | 10.48 | V |
| | 3339 | -57.23 | -13 | -44.23 | -76.24 | -65.26 | 1.74 | 11.92 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 1656 | -58.16 | -13 | -45.16 | -71.22 | -63.57 | 1.23 | 8.79 | H |
| | 2488 | -38.26 | -13 | -25.26 | -55.16 | -45.16 | 1.44 | 10.49 | H |
| | 3320 | -57.66 | -13 | -44.66 | -76.27 | -65.65 | 1.72 | 11.86 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1656 | -60.82 | -13 | -47.82 | -73.75 | -66.23 | 1.23 | 8.79 | V |
| | 2488 | -46.98 | -13 | -33.98 | -64.12 | -53.88 | 1.44 | 10.49 | V |
| | 3320 | -56.92 | -13 | -43.92 | -75.99 | -64.91 | 1.72 | 11.86 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | V | |



| LTE Band 26 / 15MHz / QPSK | | | | | | | | | |
|----------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Highest | 1669 | -61.53 | -13 | -48.53 | -74.64 | -66.99 | 1.23 | 8.84 | H |
| | 2504 | -44.76 | -13 | -31.76 | -61.62 | -51.67 | 1.44 | 10.50 | H |
| | 3339 | -56.95 | -13 | -43.95 | -75.44 | -64.98 | 1.74 | 11.92 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1669 | -61.64 | -13 | -48.64 | -74.64 | -67.10 | 1.23 | 8.84 | V |
| | 2504 | -46.68 | -13 | -33.68 | -63.73 | -53.59 | 1.44 | 10.50 | V |
| | 3339 | -56.98 | -13 | -43.98 | -75.99 | -65.01 | 1.74 | 11.92 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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



LTE Band 71

| LTE Band 71 / 20MHz / QPSK | | | | | | | | | |
|----------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 1328 | -60.42 | -13 | -47.42 | -74.64 | -66.90 | 0.83 | 7.31 | H |
| | 1992 | -56.34 | -13 | -43.34 | -71.43 | -65.27 | 1.04 | 9.97 | H |
| | 2656 | -58.87 | -13 | -45.87 | -75.98 | -68.57 | 1.19 | 10.89 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1328 | -60.32 | -13 | -47.32 | -74.19 | -66.80 | 0.83 | 7.31 | V |
| | 1992 | -49.49 | -13 | -36.49 | -64.59 | -58.42 | 1.04 | 9.97 | V |
| | 2656 | -58.30 | -13 | -45.30 | -75.71 | -68.00 | 1.19 | 10.89 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 1348 | -60.22 | -13 | -47.22 | -74.52 | -66.79 | 0.83 | 7.40 | H |
| | 2022 | -60.25 | -13 | -47.25 | -75.79 | -69.24 | 1.04 | 10.03 | H |
| | 2696 | -58.31 | -13 | -45.31 | -75.58 | -68.05 | 1.20 | 10.94 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1348 | -60.63 | -13 | -47.63 | -74.52 | -67.20 | 0.83 | 7.40 | V |
| | 2022 | -60.14 | -13 | -47.14 | -75.75 | -69.13 | 1.04 | 10.03 | V |
| | 2696 | -57.68 | -13 | -44.68 | -75.28 | -67.42 | 1.20 | 10.94 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | V | |



| LTE Band 71 / 20MHz / QPSK | | | | | | | | | |
|----------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Highest | 1358 | -59.61 | -13 | -46.61 | -73.96 | -66.22 | 0.83 | 7.45 | H |
| | 2037 | -56.89 | -13 | -43.89 | -72.69 | -65.89 | 1.05 | 10.05 | H |
| | 2716 | -58.24 | -13 | -45.24 | -75.6 | -68.00 | 1.20 | 10.96 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1358 | -60.76 | -13 | -47.76 | -74.67 | -67.37 | 0.83 | 7.45 | V |
| | 2037 | -54.35 | -13 | -41.35 | -70.25 | -63.35 | 1.05 | 10.05 | V |
| | 2716 | -58.17 | -13 | -45.17 | -75.87 | -67.93 | 1.20 | 10.96 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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

————THE END————