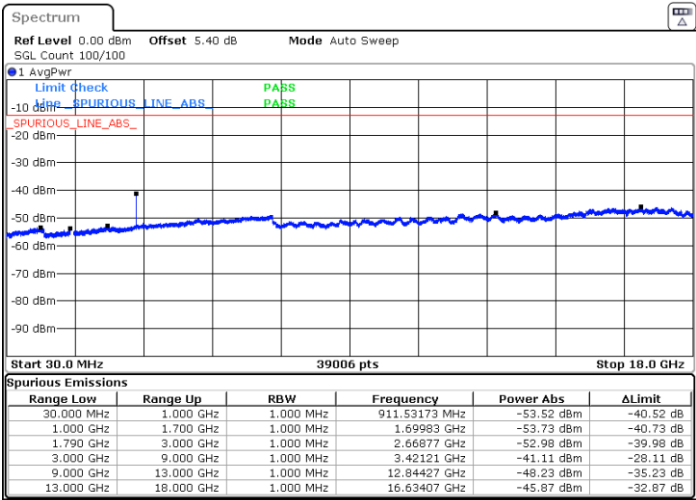




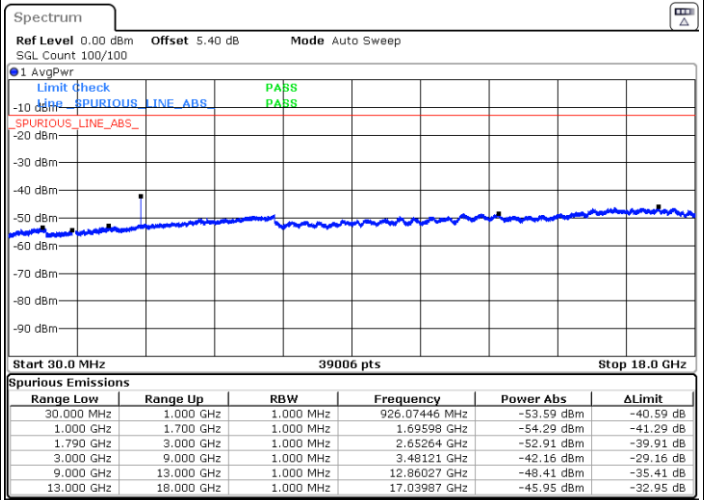
LTE Band 66 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

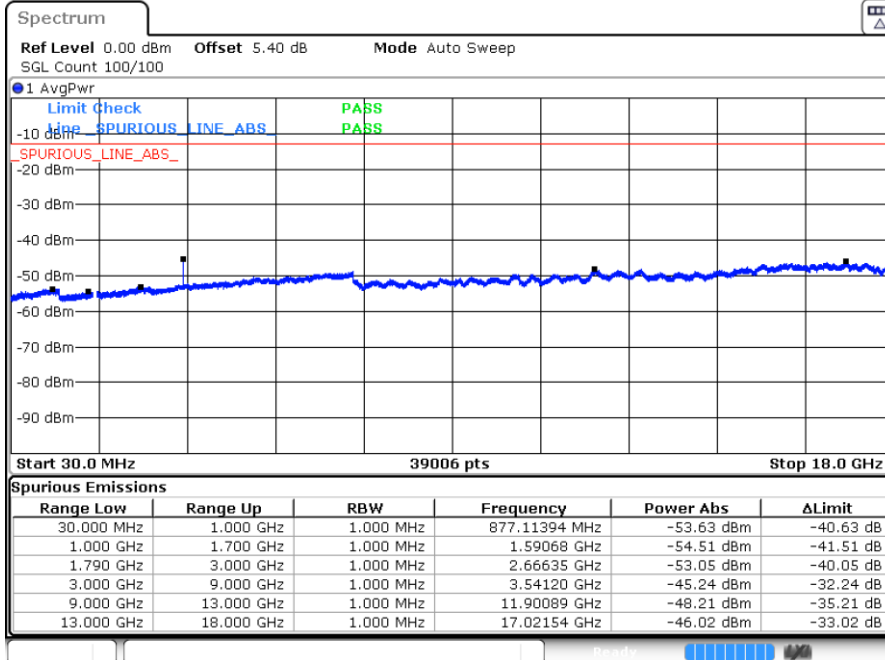


Date: 13 JUN 2022 00:50:58



Date: 13 JUN 2022 01:00:38

Highest Channel / QPSK



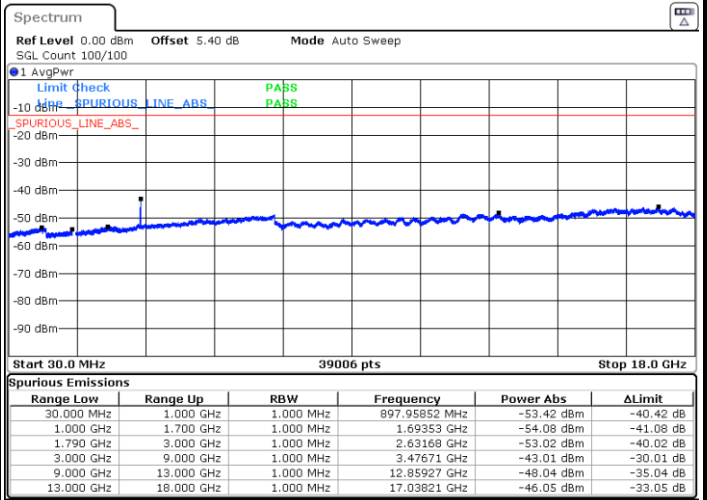
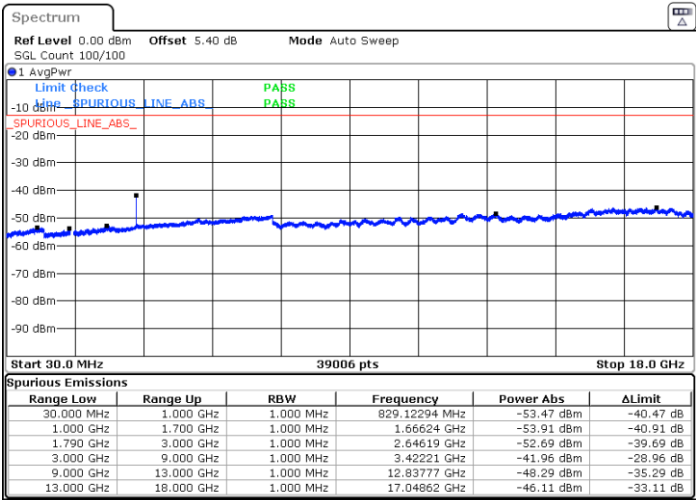
Date: 13 JUN 2022 01:02:18



LTE Band 66 / 15MHz

Lowest Channel / QPSK

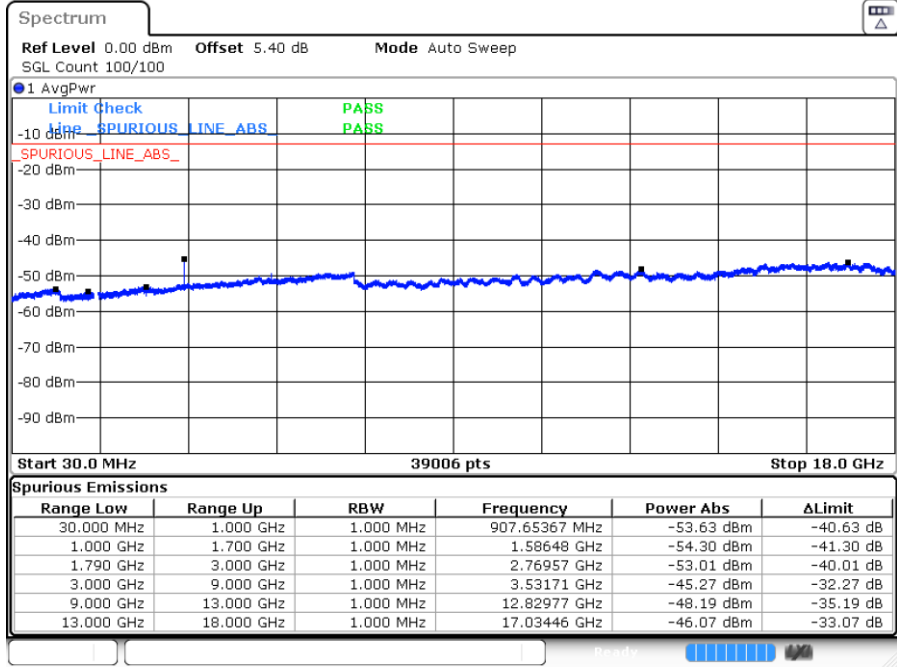
Middle Channel / QPSK



Date: 13 JUN 2022 01:11:58

Date: 13 JUN 2022 01:21:38

Highest Channel / QPSK



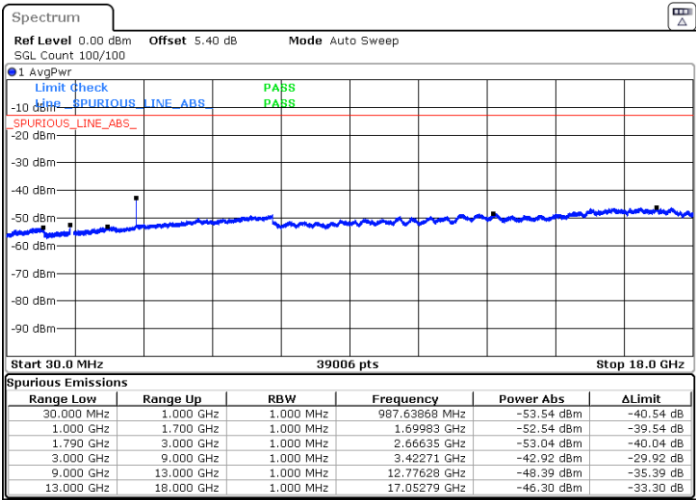
Date: 13 JUN 2022 01:23:19



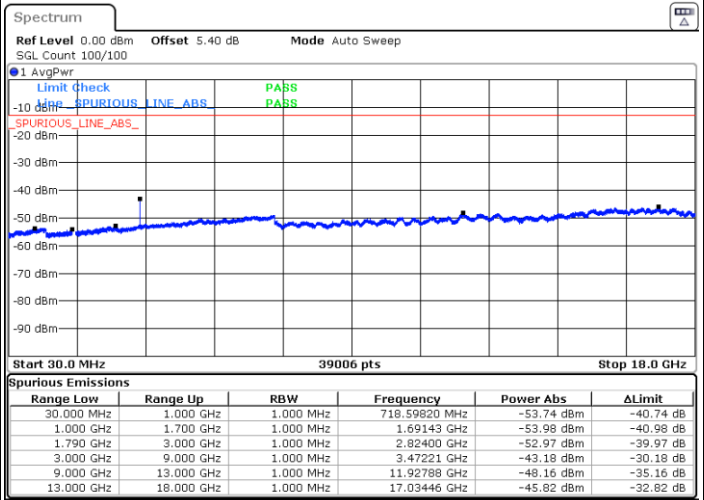
LTE Band 66 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

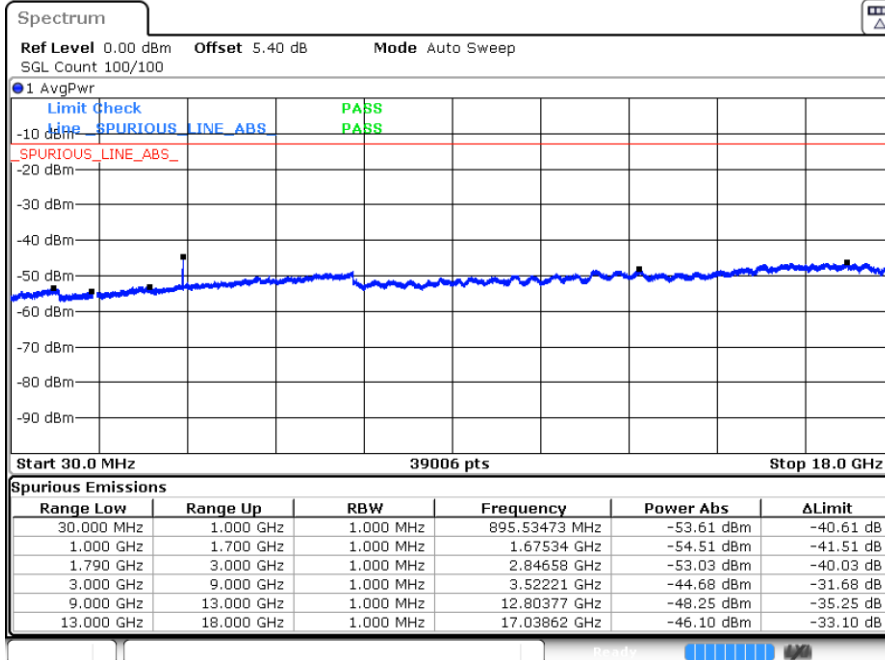


Date: 13 JUN 2022 01:32:59



Date: 13 JUN 2022 01:42:39

Highest Channel / QPSK



Date: 13 JUN 2022 01:44:19



Frequency Stability

| Test Conditions | | LTE Band 66 (QPSK) / Middle Channel | Limit |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt) | BW 10MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0025 | PASS |
| 40 | Normal Voltage | 0.0019 | |
| 30 | Normal Voltage | 0.0013 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0023 | |
| 0 | Normal Voltage | 0.0007 | |
| -10 | Normal Voltage | 0.0022 | |
| -20 | Normal Voltage | 0.0029 | |
| -30 | Normal Voltage | 0.0031 | |
| 20 | Maximum Voltage | 0.0024 | |
| 20 | Normal Voltage | 0.0006 | |
| 20 | Battery End Point | 0.0018 | |

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.45 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

| | | | |
|-----------------|------|---------------------|---------|
| Test Engineer : | Peng | Temperature : | 23~25°C |
| | | Relative Humidity : | 41~42% |

RSE pre-scanned all the supported antennas and choose the worst antenna to do final test.

| LTE Band 12_ANT 0 / 10MHz / QPSK | | | | | | | | |
|----------------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 1400 | -68.18 | -13 | -55.18 | -75.15 | 1.58 | 10.70 | H |
| | 2096 | -61.49 | -13 | -48.49 | -69.74 | 2.102 | 12.50 | H |
| | 2800 | -59.83 | -13 | -46.83 | -68.72 | 2.856 | 13.90 | H |
| | 1400 | -67.11 | -13 | -54.11 | -74.08 | 1.58 | 10.70 | V |
| | 2096 | -59.97 | -13 | -46.97 | -68.22 | 2.10 | 12.50 | V |
| | 2800 | -58.69 | -13 | -45.69 | -67.58 | 2.86 | 13.90 | V |
| Middle | 1408 | -66.65 | -13 | -53.65 | -73.62 | 1.58 | 10.70 | H |
| | 2112 | -60.96 | -13 | -47.96 | -69.21 | 2.102 | 12.50 | H |
| | 2808 | -59.30 | -13 | -46.30 | -68.19 | 2.856 | 13.90 | H |
| | 1408 | -66.55 | -13 | -53.55 | -73.52 | 1.58 | 10.70 | V |
| | 2112 | -60.30 | -13 | -47.30 | -68.55 | 2.10 | 12.50 | V |
| | 2808 | -58.82 | -13 | -45.82 | -67.71 | 2.86 | 13.90 | V |
| Highest | 1416 | -67.60 | -13 | -54.60 | -74.57 | 1.58 | 10.70 | H |
| | 2120 | -61.24 | -13 | -48.24 | -69.49 | 2.102 | 12.50 | H |
| | 2824 | -59.92 | -13 | -46.92 | -68.81 | 2.856 | 13.90 | H |
| | 1416 | -67.06 | -13 | -54.06 | -74.03 | 1.58 | 10.70 | V |
| | 2120 | -60.30 | -13 | -47.30 | -68.55 | 2.10 | 12.50 | V |
| | 2824 | -59.41 | -13 | -46.41 | -68.30 | 2.86 | 13.90 | V |

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



| LTE Band 13_ANT 0 / 5MHz / QPSK | | | | | | | | |
|---------------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 1554.68 | -65.57 | -13 | -52.57 | -68.20 | 1.09 | 5.87 | H |
| | 2328 | -61.22 | -13 | -48.22 | -63.62 | 1.37 | 5.92 | H |
| | 3112 | -59.75 | -13 | -46.75 | -63.64 | 1.64 | 7.68 | H |
| | 1554.68 | -65.24 | -13 | -52.24 | -67.87 | 1.09 | 5.87 | V |
| | 2328 | -59.78 | -13 | -46.78 | -62.18 | 1.37 | 5.92 | V |
| | 3112 | -59.58 | -13 | -46.58 | -63.47 | 1.64 | 7.68 | V |
| Middle | 1560 | -66.23 | -42.15 | -24.08 | -68.86 | 1.09 | 5.87 | H |
| | 2336 | -61.65 | -13 | -48.65 | -64.05 | 1.37 | 5.92 | H |
| | 3120 | -59.42 | -13 | -46.42 | -63.31 | 1.64 | 7.68 | H |
| | 1560 | -65.15 | -42.15 | -23.00 | -67.78 | 1.09 | 5.87 | V |
| | 2336 | -60.43 | -13 | -47.43 | -62.83 | 1.37 | 5.92 | V |
| | 3120 | -59.08 | -13 | -46.08 | -62.97 | 1.64 | 7.68 | V |
| Highest | 1560 | -65.85 | -42.15 | -23.70 | -68.48 | 1.09 | 5.87 | H |
| | 2344 | -61.17 | -13 | -48.17 | -63.57 | 1.37 | 5.92 | H |
| | 3128 | -60.15 | -13 | -47.15 | -64.04 | 1.64 | 7.68 | H |
| | 1560 | -65.41 | -42.15 | -23.26 | -68.04 | 1.09 | 5.87 | V |
| | 2344 | -59.74 | -13 | -46.74 | -62.14 | 1.37 | 5.92 | V |
| | 3128 | -60.02 | -13 | -47.02 | -63.91 | 1.64 | 7.68 | V |

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

| LTE Band 13_ANT 0 / 10MHz / QPSK | | | | | | | | |
|----------------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle | 1552 | -66.83 | -13 | -53.83 | -69.46 | 1.09 | 5.87 | H |
| | 2328 | -61.10 | -13 | -48.10 | -63.50 | 1.37 | 5.92 | H |
| | 3112 | -59.58 | -13 | -46.58 | -63.47 | 1.64 | 7.68 | H |
| | 1552 | -66.20 | -13 | -53.20 | -68.83 | 1.09 | 5.87 | V |
| | 2328 | -59.96 | -13 | -46.96 | -62.36 | 1.37 | 5.92 | V |
| | 3112 | -59.54 | -13 | -46.54 | -63.43 | 1.64 | 7.68 | V |

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



| LTE Band 25_ANT 1 / 20MHz / QPSK | | | | | | | | |
|----------------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 3705 | -55.69 | -13 | -42.69 | -67.95 | 2.64 | 14.90 | H |
| | 5550 | -54.81 | -13 | -41.81 | -66.67 | 2.94 | 14.80 | H |
| | 7410 | -51.69 | -13 | -38.69 | -61.46 | 3.39 | 13.16 | H |
| | 3705 | -56.33 | -13 | -43.33 | -68.59 | 2.64 | 14.90 | V |
| | 5550 | -54.10 | -13 | -41.10 | -65.96 | 2.94 | 14.80 | V |
| | 7410 | -52.15 | -13 | -39.15 | -61.92 | 3.39 | 13.16 | V |
| Middle | 3747 | -56.88 | -13 | -43.88 | -69.14 | 2.64 | 14.90 | H |
| | 5622 | -54.65 | -13 | -41.65 | -66.51 | 2.94 | 14.80 | H |
| | 7500 | -52.81 | -13 | -39.81 | -62.58 | 3.39 | 13.16 | H |
| | 3747 | -56.58 | -13 | -43.58 | -68.84 | 2.64 | 14.90 | V |
| | 5622 | -55.98 | -13 | -42.98 | -67.84 | 2.94 | 14.80 | V |
| | 7500 | -52.70 | -13 | -39.70 | -62.47 | 3.39 | 13.16 | V |
| Highest | 3795 | -56.24 | -13 | -43.24 | -68.50 | 2.64 | 14.90 | H |
| | 5685 | -54.13 | -13 | -41.13 | -65.99 | 2.94 | 14.80 | H |
| | 7590 | -51.52 | -13 | -38.52 | -61.29 | 3.39 | 13.16 | H |
| | 3795 | -56.07 | -13 | -43.07 | -68.33 | 2.64 | 14.90 | V |
| | 5685 | -54.85 | -13 | -41.85 | -66.71 | 2.94 | 14.80 | V |
| | 7590 | -52.04 | -13 | -39.04 | -61.81 | 3.39 | 13.16 | V |

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



| LTE Band 26_ANT 0 / 15MHz / QPSK | | | | | | | | |
|----------------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 1648 | -62.22 | -13 | -49.22 | -69.19 | 1.58 | 10.70 | H |
| | 2472 | -40.23 | -13 | -27.23 | -48.48 | 2.10 | 12.50 | H |
| | 3296 | -59.54 | -13 | -46.54 | -68.43 | 2.86 | 13.90 | H |
| | 1648 | -59.89 | -13 | -46.89 | -66.86 | 1.58 | 10.70 | V |
| | 2472 | -40.49 | -13 | -27.49 | -48.74 | 2.10 | 12.50 | V |
| | 3296 | -59.52 | -13 | -46.52 | -68.41 | 2.86 | 13.90 | V |
| Middle | 1656 | -61.88 | -13 | -48.88 | -68.85 | 1.58 | 10.70 | H |
| | 2488 | -37.88 | -13 | -24.88 | -46.13 | 2.10 | 12.50 | H |
| | 3320 | -59.28 | -13 | -46.28 | -68.17 | 2.86 | 13.90 | H |
| | 1656 | -60.29 | -13 | -47.29 | -67.26 | 1.58 | 10.70 | V |
| | 2488 | -37.28 | -13 | -24.28 | -45.53 | 2.10 | 12.50 | V |
| | 3320 | -59.46 | -13 | -46.46 | -68.35 | 2.86 | 13.90 | V |
| Highest | 1672 | -62.46 | -13 | -49.46 | -69.43 | 1.58 | 10.70 | H |
| | 2504 | -37.00 | -13 | -24.00 | -45.25 | 2.102 | 12.50 | H |
| | 3336 | -58.72 | -13 | -45.72 | -67.61 | 2.856 | 13.90 | H |
| | 1672 | -59.79 | -13 | -46.79 | -66.76 | 1.58 | 10.70 | V |
| | 2504 | -35.71 | -13 | -22.71 | -43.96 | 2.10 | 12.50 | V |
| | 3336 | -58.84 | -13 | -45.84 | -67.73 | 2.86 | 13.90 | V |

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



| LTE Band 66_ANT 1 / 20MHz / QPSK | | | | | | | | |
|----------------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 3420 | -57.74 | -13 | -44.74 | -68.48 | 2.604 | 13.34 | H |
| | 5130 | -54.43 | -13 | -41.43 | -64.94 | 3.011 | 13.52 | H |
| | 6840 | -54.38 | -13 | -41.38 | -64.58 | 3.271 | 13.47 | H |
| | 3420 | -57.74 | -13 | -44.74 | -68.48 | 2.604 | 13.34 | V |
| | 5130 | -54.89 | -13 | -41.89 | -65.40 | 3.011 | 13.52 | V |
| | 6840 | -54.16 | -13 | -41.16 | -64.36 | 3.271 | 13.47 | V |
| Middle | 3472 | -57.33 | -13 | -44.33 | -68.07 | 2.604 | 13.34 | H |
| | 5205 | -54.48 | -13 | -41.48 | -64.99 | 3.011 | 13.52 | H |
| | 6945 | -53.87 | -13 | -40.87 | -64.07 | 3.271 | 13.47 | H |
| | 3472 | -57.82 | -13 | -44.82 | -68.56 | 2.604 | 13.34 | V |
| | 5205 | -54.70 | -13 | -41.70 | -65.21 | 3.011 | 13.52 | V |
| | 6945 | -54.03 | -13 | -41.03 | -64.23 | 3.271 | 13.47 | V |
| Highest | 3525 | -56.96 | -13 | -43.96 | -67.70 | 2.604 | 13.34 | H |
| | 5280 | -55.14 | -13 | -42.14 | -65.65 | 3.011 | 13.52 | H |
| | 7050 | -54.10 | -13 | -41.10 | -64.30 | 3.271 | 13.47 | H |
| | 3525 | -57.53 | -13 | -44.53 | -68.27 | 2.604 | 13.34 | V |
| | 5280 | -54.39 | -13 | -41.39 | -64.90 | 3.011 | 13.52 | V |
| | 7050 | -53.87 | -13 | -40.87 | -64.07 | 3.271 | 13.47 | V |

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