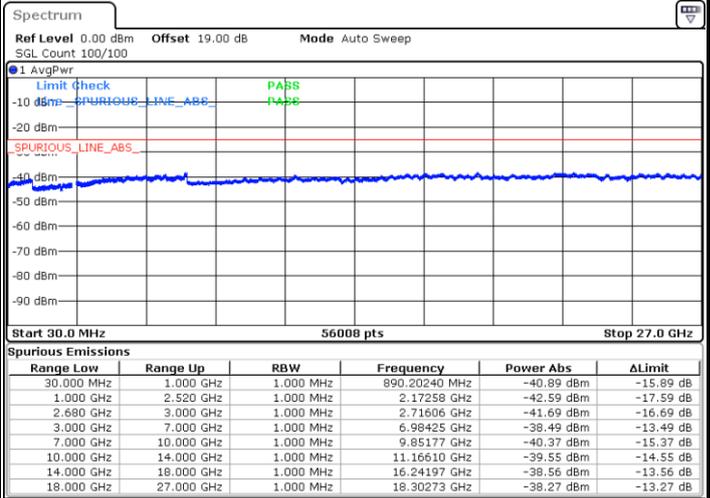
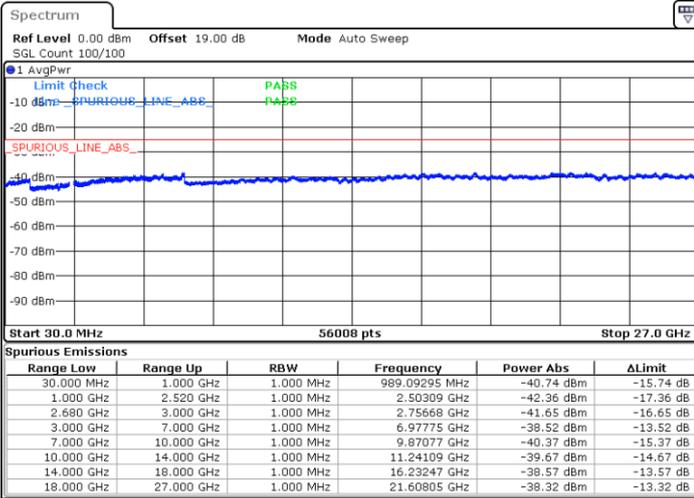




LTE Band 41 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM



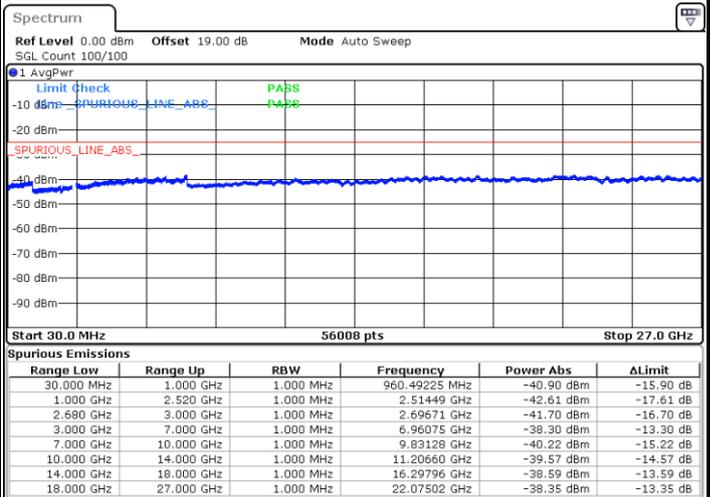
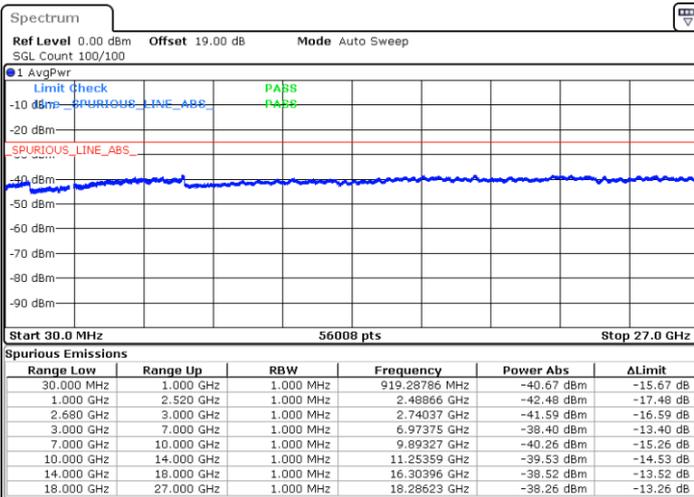
Date: 22.MAY.2019 19:01:52

Date: 22.MAY.2019 19:02:47

LTE Band 41 / 20MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 22.MAY.2019 19:04:35

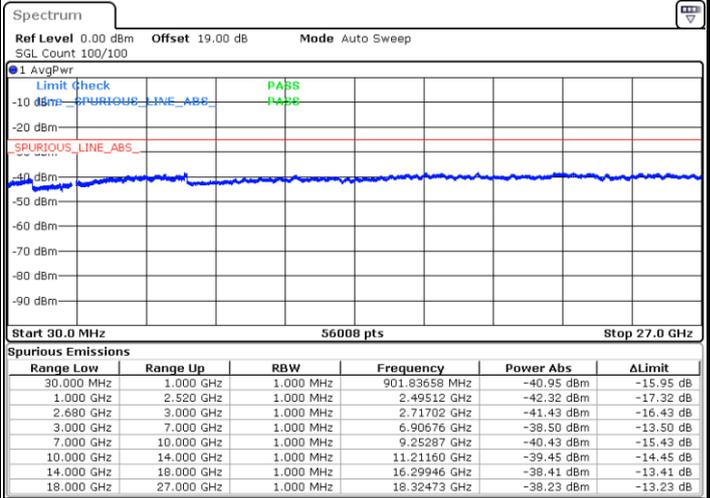
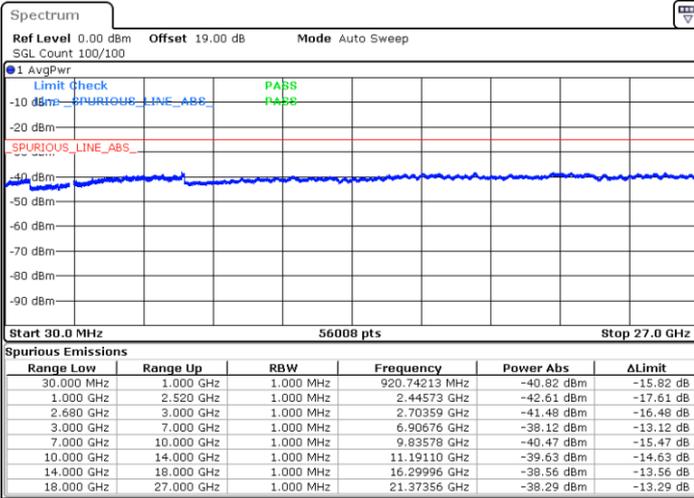
Date: 22.MAY.2019 19:05:29



LTE Band 41 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

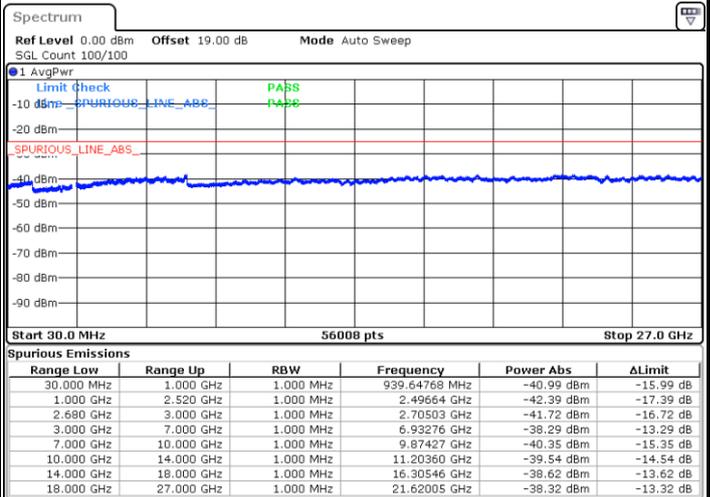
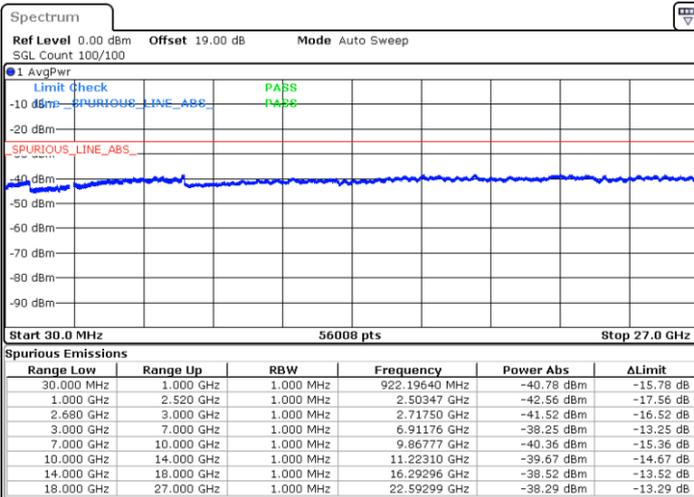


Date: 22 MAY 2019 19:07:18

Date: 22 MAY 2019 19:08:13

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 22 MAY 2019 19:10:02

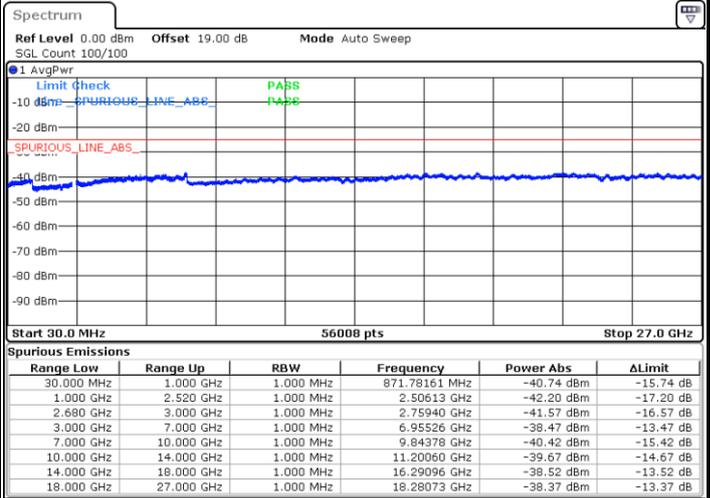
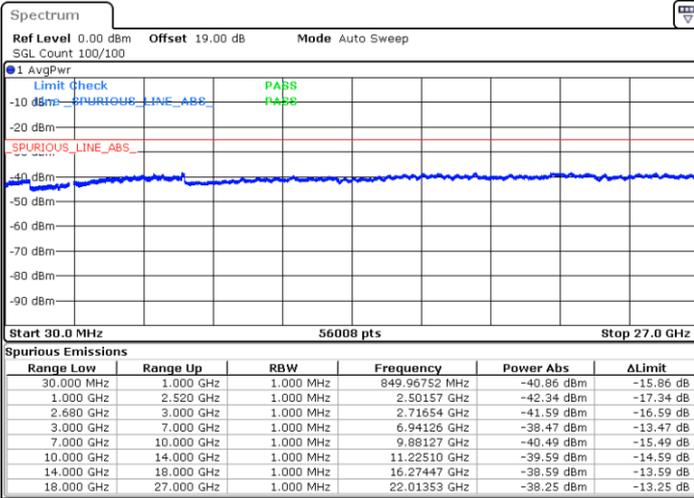
Date: 22 MAY 2019 19:10:57



LTE Band 41 / 5MHz

Lowest Channel / 64QAM

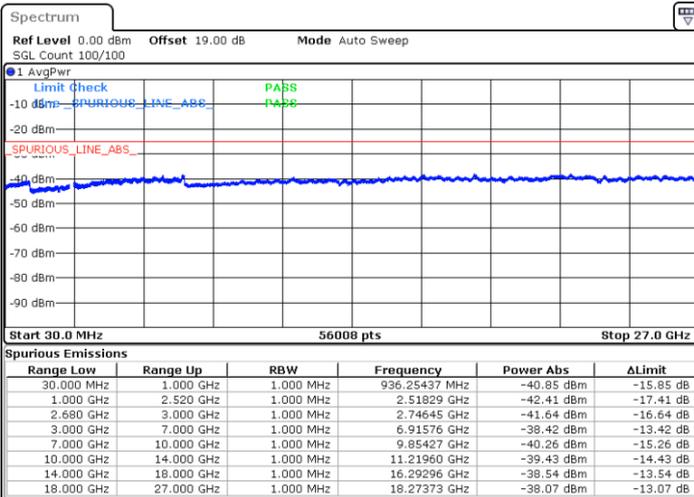
Middle Channel / 64QAM



Date: 22 MAY 2019 18:42:01

Date: 22 MAY 2019 18:44:43

Highest Channel / 64QAM



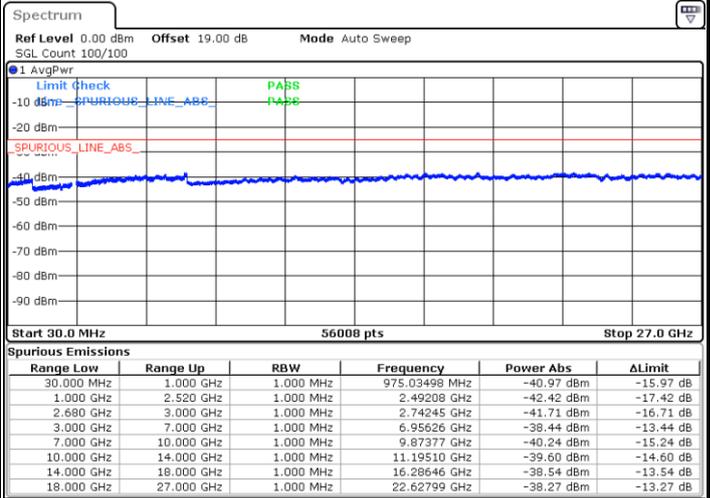
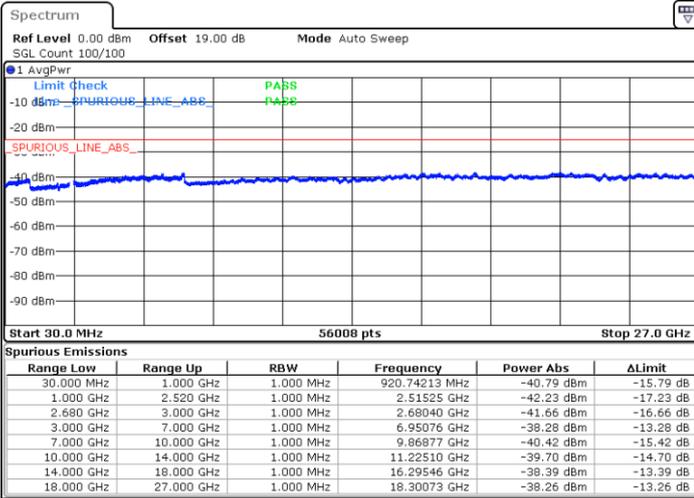
Date: 22 MAY 2019 18:47:26



LTE Band 41 / 10MHz

Lowest Channel / 64QAM

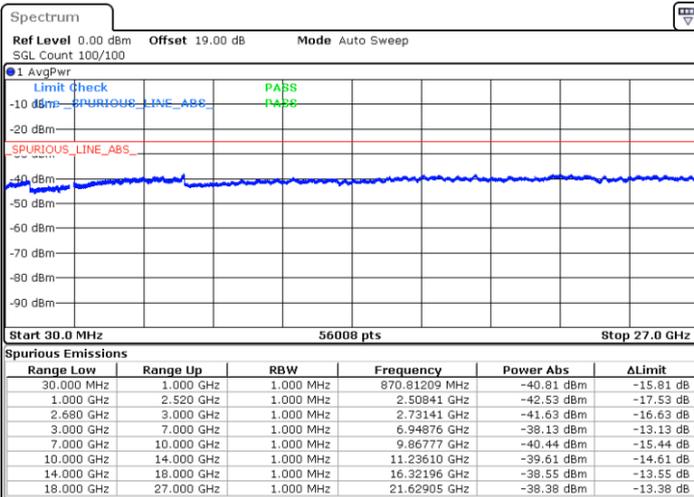
Middle Channel / 64QAM



Date: 22 MAY 2019 18:50:08

Date: 22 MAY 2019 18:52:51

Highest Channel / 64QAM



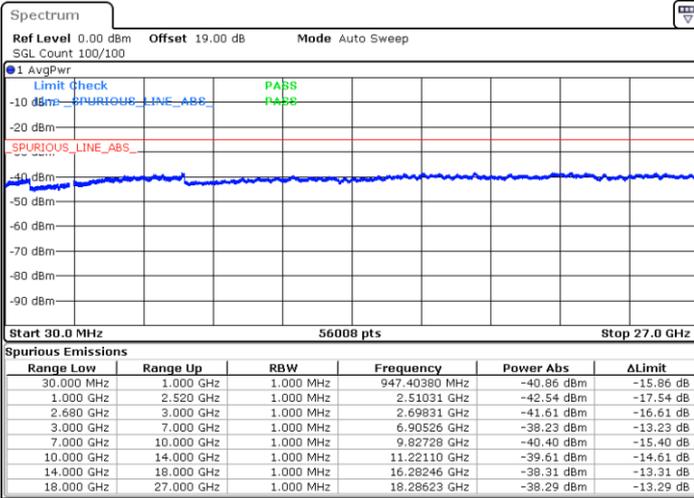
Date: 22 MAY 2019 18:55:33



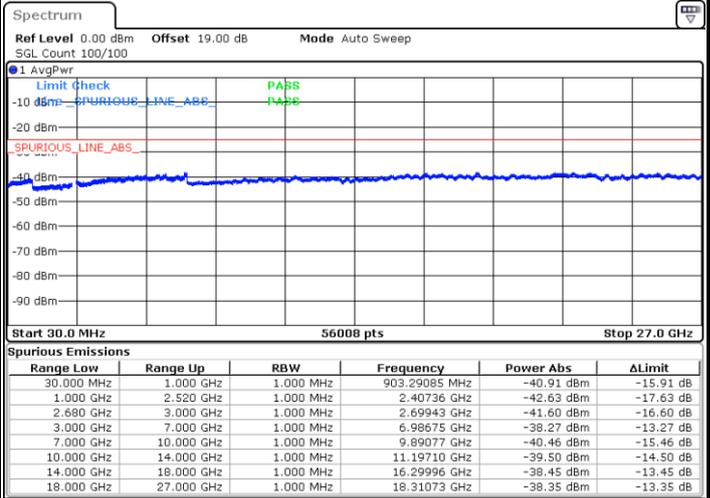
LTE Band 41 / 15MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

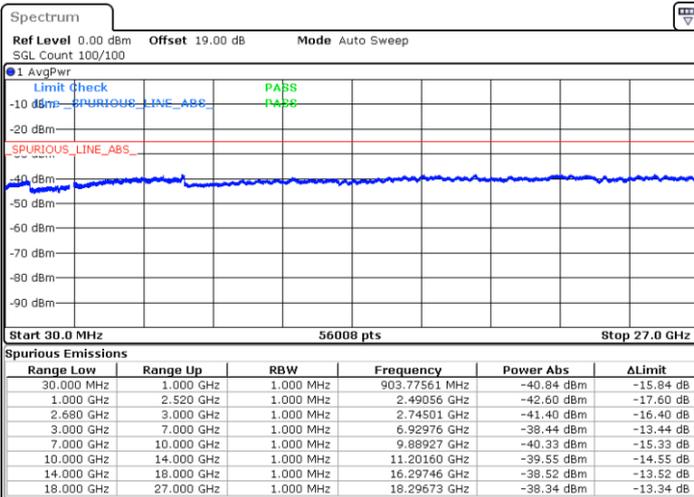


Date: 22 MAY 2019 18:58:16



Date: 22 MAY 2019 19:00:58

Highest Channel / 64QAM



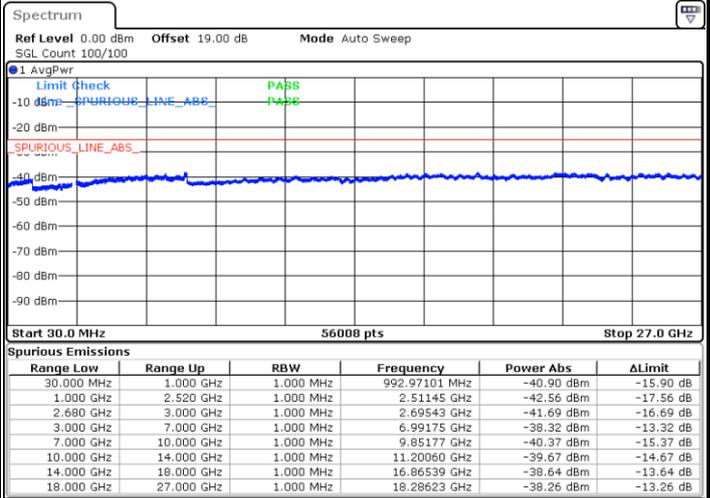
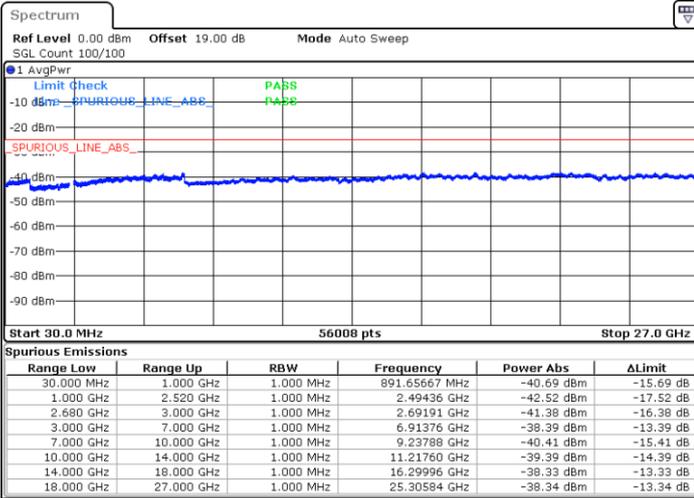
Date: 22 MAY 2019 19:03:41



LTE Band 41 / 20MHz

Lowest Channel / 64QAM

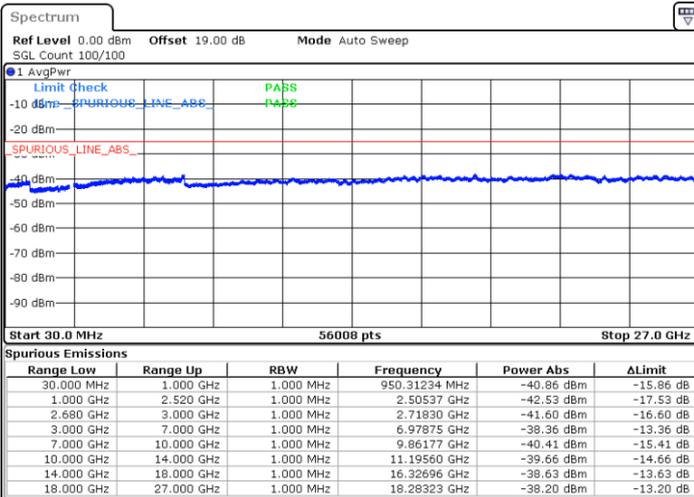
Middle Channel / 64QAM



Date: 22 MAY 2019 19:06:24

Date: 22 MAY 2019 19:09:07

Highest Channel / 64QAM



Date: 22 MAY 2019 19:11:51



Frequency Stability

| Test Conditions | | LTE Band 2 (QPSK) / Middle Channel | Limit |
|------------------|-------------------|------------------------------------|---------|
| Temperature (°C) | Voltage (Volt) | BW 10MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0007 | PASS |
| 40 | Normal Voltage | 0.0005 | |
| 30 | Normal Voltage | 0.0003 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0012 | |
| 0 | Normal Voltage | 0.0016 | |
| -10 | Normal Voltage | 0.0017 | |
| -20 | Normal Voltage | 0.0012 | |
| -30 | Normal Voltage | 0.0010 | |
| 20 | Maximum Voltage | 0.0007 | |
| 20 | Normal Voltage | 0.0004 | |
| 20 | Battery End Point | 0.0013 | |

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



| Test Conditions | | LTE Band 4 (QPSK) / Middle Channel | Limit |
|------------------|-------------------|------------------------------------|---------|
| Temperature (°C) | Voltage (Volt) | BW 10MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0009 | PASS |
| 40 | Normal Voltage | 0.0012 | |
| 30 | Normal Voltage | 0.0015 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0006 | |
| 0 | Normal Voltage | 0.0007 | |
| -10 | Normal Voltage | 0.0011 | |
| -20 | Normal Voltage | 0.0019 | |
| -30 | Normal Voltage | 0.0004 | |
| 20 | Maximum Voltage | 0.0001 | |
| 20 | Normal Voltage | 0.0000 | |
| 20 | Battery End Point | 0.0003 | |

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



| Test Conditions | | LTE Band 5 (QPSK) / Middle Channel | Limit |
|------------------|-------------------|------------------------------------|--------|
| Temperature (°C) | Voltage (Volt) | BW 10MHz | 2.5ppm |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0084 | PASS |
| 40 | Normal Voltage | 0.0048 | |
| 30 | Normal Voltage | 0.0048 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0024 | |
| 0 | Normal Voltage | 0.0084 | |
| -10 | Normal Voltage | 0.0036 | |
| -20 | Normal Voltage | 0.0155 | |
| -30 | Normal Voltage | 0.0024 | |
| 20 | Maximum Voltage | 0.0012 | |
| 20 | Normal Voltage | 0.0000 | |
| 20 | Battery End Point | 0.0072 | |

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



| Test Conditions | | LTE Band 7 (QPSK) / Middle Channel | Limit |
|------------------|-------------------|------------------------------------|---------|
| Temperature (°C) | Voltage (Volt) | BW 10MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0051 | PASS |
| 40 | Normal Voltage | 0.0014 | |
| 30 | Normal Voltage | 0.0002 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0003 | |
| 0 | Normal Voltage | 0.0002 | |
| -10 | Normal Voltage | 0.0024 | |
| -20 | Normal Voltage | 0.0025 | |
| -30 | Normal Voltage | 0.0028 | |
| 20 | Maximum Voltage | 0.0023 | |
| 20 | Normal Voltage | 0.0000 | |
| 20 | Battery End Point | 0.0056 | |

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



| Test Conditions | | LTE Band 26 (QPSK) / Middle Channel | Limit |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt) | BW 10MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0013 | PASS |
| 40 | Normal Voltage | 0.0005 | |
| 30 | Normal Voltage | 0.0007 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0002 | |
| 0 | Normal Voltage | 0.0001 | |
| -10 | Normal Voltage | 0.0010 | |
| -20 | Normal Voltage | 0.0020 | |
| -30 | Normal Voltage | 0.0004 | |
| 20 | Maximum Voltage | 0.0001 | |
| 20 | Normal Voltage | 0.0024 | |
| 20 | Battery End Point | 0.0016 | |

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



| Test Conditions | | LTE Band 38 (QPSK) / Middle Channel | Limit |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt) | BW 10MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0016 | PASS |
| 40 | Normal Voltage | 0.0008 | |
| 30 | Normal Voltage | 0.0002 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0002 | |
| 0 | Normal Voltage | 0.0000 | |
| -10 | Normal Voltage | 0.0015 | |
| -20 | Normal Voltage | 0.0005 | |
| -30 | Normal Voltage | 0.0004 | |
| 20 | Maximum Voltage | 0.0003 | |
| 20 | Normal Voltage | 0.0000 | |
| 20 | Battery End Point | 0.0003 | |

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



| Test Conditions | | LTE Band 41 (QPSK) / Middle Channel | Limit |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt) | BW 10MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0004 | PASS |
| 40 | Normal Voltage | 0.0005 | |
| 30 | Normal Voltage | 0.0010 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0010 | |
| 0 | Normal Voltage | 0.0000 | |
| -10 | Normal Voltage | 0.0005 | |
| -20 | Normal Voltage | 0.0000 | |
| -30 | Normal Voltage | 0.0005 | |
| 20 | Maximum Voltage | 0.0008 | |
| 20 | Normal Voltage | 0.0000 | |
| 20 | Battery End Point | 0.0014 | |

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Top Antenna:

| LTE Band 2 / 1.4MHz / 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) |
| Middle | 3758.92 | -57.77 | -13 | -44.77 | -79.71 | -64.52 | 5.85 | 12.60 | H |
| | 5638.38 | -57.92 | -13 | -44.92 | -81.54 | -63.72 | 7.30 | 13.10 | H |
| | 7517.84 | -55.69 | -13 | -42.69 | -81.62 | -58.84 | 8.35 | 11.50 | H |
| | 3758.92 | -55.06 | -13 | -42.06 | -80.16 | -61.81 | 5.85 | 12.60 | V |
| | 5638.38 | -57.30 | -13 | -44.30 | -81.07 | -63.10 | 7.30 | 13.10 | V |
| | 7517.84 | -55.06 | -13 | -42.06 | -80.98 | -58.21 | 8.35 | 11.50 | V |

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

| LTE Band 2 / 3MHz / 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) |
| Middle | 3757.48 | -57.92 | -13 | -44.92 | -79.86 | -64.67 | 5.85 | 12.60 | H |
| | 5636.22 | -57.68 | -13 | -44.68 | -81.30 | -63.48 | 7.30 | 13.10 | H |
| | 7514.96 | -55.45 | -13 | -42.45 | -81.39 | -58.60 | 8.35 | 11.50 | H |
| | 3757.48 | -54.82 | -13 | -41.82 | -79.92 | -61.57 | 5.85 | 12.60 | V |
| | 5636.22 | -56.92 | -13 | -43.92 | -80.69 | -62.72 | 7.30 | 13.10 | V |
| | 7514.96 | -54.68 | -13 | -41.68 | -80.61 | -57.83 | 8.35 | 11.50 | V |

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



| LTE Band 2 / 5MHz / 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) |
| Middle | 3755.68 | -58.16 | -13 | -45.16 | -80.10 | -64.91 | 5.85 | 12.60 | H |
| | 5633.52 | -57.53 | -13 | -44.53 | -81.15 | -63.33 | 7.30 | 13.10 | H |
| | 7511.36 | -55.30 | -13 | -42.30 | -81.24 | -58.45 | 8.35 | 11.50 | H |
| | 3755.68 | -55.82 | -13 | -42.82 | -80.92 | -62.57 | 5.85 | 12.60 | V |
| | 5633.52 | -57.16 | -13 | -44.16 | -80.93 | -62.96 | 7.30 | 13.10 | V |
| | 7511.36 | -54.92 | -13 | -41.92 | -80.85 | -58.07 | 8.35 | 11.50 | V |

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

| LTE Band 2 / 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) |
| Middle | 3751.18 | -58.31 | -13 | -45.31 | -80.25 | -65.06 | 5.85 | 12.60 | H |
| | 5626.77 | -57.08 | -13 | -44.08 | -80.78 | -62.88 | 7.30 | 13.10 | H |
| | 7502 | -55.56 | -13 | -42.56 | -81.56 | -58.71 | 8.35 | 11.50 | H |
| | 3751.18 | -55.82 | -13 | -42.82 | -80.92 | -62.57 | 5.85 | 12.60 | V |
| | 5626.77 | -56.72 | -13 | -43.72 | -80.92 | -62.52 | 7.30 | 13.10 | V |
| | 7502 | -54.65 | -13 | -41.65 | -80.64 | -57.80 | 8.35 | 11.50 | V |

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



| LTE Band 2 / 15MHz / 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) |
| Middle | 3746.68 | -58.20 | -13 | -45.20 | -80.14 | -64.95 | 5.85 | 12.60 | H |
| | 5620.02 | -56.84 | -13 | -43.84 | -80.54 | -62.64 | 7.30 | 13.10 | H |
| | 7493.36 | -55.79 | -13 | -42.79 | -81.79 | -58.94 | 8.35 | 11.50 | H |
| | 3746.68 | -55.54 | -13 | -42.54 | -80.64 | -62.29 | 5.85 | 12.60 | V |
| | 5620.02 | -55.96 | -13 | -42.96 | -80.16 | -61.76 | 7.30 | 13.10 | V |
| | 7493.36 | -54.25 | -13 | -41.25 | -80.24 | -57.40 | 8.35 | 11.50 | V |

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

| 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) |
| Middle | 3742.18 | -58.24 | -13 | -45.24 | -80.73 | -64.99 | 5.85 | 12.60 | H |
| | 5613.27 | -56.94 | -13 | -43.94 | -80.72 | -62.74 | 7.30 | 13.10 | H |
| | 7484.36 | -55.65 | -13 | -42.65 | -81.72 | -58.80 | 8.35 | 11.50 | H |
| | 3742.18 | -55.37 | -13 | -42.37 | -79.87 | -62.12 | 5.85 | 12.60 | V |
| | 5613.27 | -55.79 | -13 | -42.79 | -80.42 | -61.59 | 7.30 | 13.10 | V |
| | 7484.36 | -54.08 | -13 | -41.08 | -80.13 | -57.23 | 8.35 | 11.50 | V |

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



| LTE Band 4 / 1.4MHz / 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) |
| Middle | 3463.74 | -56.96 | -13 | -43.96 | -78.50 | -63.81 | 5.65 | 12.50 | H |
| | 5195.61 | -57.86 | -13 | -44.86 | -81.46 | -63.53 | 7.13 | 12.80 | H |
| | 6927.48 | -56.70 | -13 | -43.70 | -81.85 | -60.10 | 8.40 | 11.80 | H |
| | 3463.74 | -58.03 | -13 | -45.03 | -79.37 | -64.88 | 5.65 | 12.50 | V |
| | 5195.61 | -57.88 | -13 | -44.88 | -81.75 | -63.55 | 7.13 | 12.80 | V |
| | 6927.48 | -55.46 | -13 | -42.46 | -81.53 | -58.86 | 8.40 | 11.80 | V |

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

| LTE Band 4 / 3MHz / 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) |
| Middle | 3462.48 | -56.98 | -13 | -43.98 | -78.52 | -63.83 | 5.65 | 12.50 | H |
| | 5193.72 | -58.18 | -13 | -45.18 | -81.78 | -63.85 | 7.13 | 12.80 | H |
| | 6924.96 | -56.65 | -13 | -43.65 | -81.80 | -60.05 | 8.40 | 11.80 | H |
| | 3462.48 | -57.86 | -13 | -44.86 | -79.2 | -64.71 | 5.65 | 12.50 | V |
| | 5193.72 | -57.86 | -13 | -44.86 | -81.73 | -63.53 | 7.13 | 12.80 | V |
| | 6924.96 | -55.49 | -13 | -42.49 | -81.56 | -58.89 | 8.40 | 11.80 | V |

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



| LTE Band 4 / 5MHz / 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) |
| Middle | 3460.68 | -56.03 | -13 | -43.03 | -77.57 | -62.88 | 5.65 | 12.50 | H |
| | 5191.02 | -58.11 | -13 | -45.11 | -81.71 | -63.78 | 7.13 | 12.80 | H |
| | 6921.36 | -56.53 | -13 | -43.53 | -81.64 | -59.93 | 8.40 | 11.80 | H |
| | 3460.68 | -58.30 | -13 | -45.30 | -79.64 | -65.15 | 5.65 | 12.50 | V |
| | 5191.02 | -57.88 | -13 | -44.88 | -81.75 | -63.55 | 7.13 | 12.80 | V |
| | 6921.36 | -55.50 | -13 | -42.50 | -81.71 | -58.90 | 8.40 | 11.80 | V |

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

| LTE Band 4 / 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) |
| Middle | 3456.18 | -56.15 | -13 | -43.15 | -76.89 | -63.00 | 5.65 | 12.50 | H |
| | 5184.27 | -58.40 | -13 | -45.40 | -81.88 | -64.07 | 7.13 | 12.80 | H |
| | 6912.36 | -56.14 | -13 | -43.14 | -81.25 | -59.54 | 8.40 | 11.80 | H |
| | 3456.18 | -57.32 | -13 | -44.32 | -79 | -64.17 | 5.65 | 12.50 | V |
| | 5184.27 | -57.98 | -13 | -44.98 | -81.85 | -63.65 | 7.13 | 12.80 | V |
| | 6912.36 | -55.22 | -13 | -42.22 | -81.43 | -58.62 | 8.40 | 11.80 | V |

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



| LTE Band 4 / 15MHz / 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) |
| Middle | 3451.68 | -55.18 | -13 | -42.18 | -75.92 | -62.03 | 5.65 | 12.50 | H |
| | 5177.52 | -58.30 | -13 | -45.30 | -81.78 | -63.97 | 7.13 | 12.80 | H |
| | 6903.36 | -56.44 | -13 | -43.44 | -81.52 | -59.84 | 8.40 | 11.80 | H |
| | 3451.68 | -56.96 | -13 | -43.96 | -78.64 | -63.81 | 5.65 | 12.50 | V |
| | 5177.52 | -58.03 | -13 | -45.03 | -81.9 | -63.70 | 7.13 | 12.80 | V |
| | 6903.36 | -55.57 | -13 | -42.57 | -81.93 | -58.97 | 8.40 | 11.80 | V |

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

| 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) |
| Middle | 3447.18 | -54.48 | -13 | -41.48 | -75.22 | -61.33 | 5.65 | 12.50 | H |
| | 5170.77 | -57.61 | -13 | -44.61 | -80.97 | -63.28 | 7.13 | 12.80 | H |
| | 6894.36 | -56.23 | -13 | -43.23 | -81.32 | -59.63 | 8.40 | 11.80 | H |
| | 3447.18 | -56.85 | -13 | -43.85 | -78.53 | -63.70 | 5.65 | 12.50 | V |
| | 5170.77 | -57.54 | -13 | -44.54 | -81.4 | -63.21 | 7.13 | 12.80 | V |
| | 6894.36 | -54.61 | -13 | -41.61 | -80.98 | -58.01 | 8.40 | 11.80 | V |

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



| LTE Band 5 / 1.4MHz / 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 | 1671.92 | -66.78 | -13 | -53.78 | -77.72 | -70.03 | 4.00 | 9.40 | H |
| | 2507.88 | -59.91 | -13 | -46.91 | -78.51 | -63.48 | 4.88 | 10.60 | H |
| | 3343.84 | -59.00 | -13 | -46.00 | -79.61 | -63.93 | 5.52 | 12.60 | H |
| | 1671.92 | -66.09 | -13 | -53.09 | -77.74 | -69.34 | 4.00 | 9.40 | V |
| | 2507.88 | -59.64 | -13 | -46.64 | -78.45 | -63.21 | 4.88 | 10.60 | V |
| | 3343.84 | -58.70 | -13 | -45.70 | -79.61 | -63.63 | 5.52 | 12.60 | V |

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

| LTE Band 5 / 3MHz / 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 | 1670.48 | -66.47 | -13 | -53.47 | -77.35 | -69.72 | 4.00 | 9.40 | H |
| | 2505.72 | -59.89 | -13 | -46.89 | -78.49 | -63.46 | 4.88 | 10.60 | H |
| | 3340.96 | -58.84 | -13 | -45.84 | -79.45 | -63.77 | 5.52 | 12.60 | H |
| | 1670.48 | -65.78 | -13 | -52.78 | -77.33 | -69.03 | 4.00 | 9.40 | V |
| | 2505.72 | -59.91 | -13 | -46.91 | -78.72 | -63.48 | 4.88 | 10.60 | V |
| | 3340.96 | -58.53 | -13 | -45.53 | -79.44 | -63.46 | 5.52 | 12.60 | V |

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



| LTE Band 5 / 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) |
| Middle | 1668.68 | -66.26 | -13 | -53.26 | -77.14 | -69.51 | 4.00 | 9.40 | H |
| | 2503.02 | -59.07 | -13 | -46.07 | -77.54 | -62.64 | 4.88 | 10.60 | H |
| | 3337.36 | -58.56 | -13 | -45.56 | -79.07 | -63.49 | 5.52 | 12.60 | H |
| | 1668.68 | -65.44 | -13 | -52.44 | -76.99 | -68.69 | 4.00 | 9.40 | V |
| | 2503.02 | -59.25 | -13 | -46.25 | -77.98 | -62.82 | 4.88 | 10.60 | V |
| | 3337.36 | -58.11 | -13 | -45.11 | -79.12 | -63.04 | 5.52 | 12.60 | V |

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

| 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) |
| Middle | 1664.18 | -66.25 | -13 | -53.25 | -77.13 | -69.50 | 4.00 | 9.40 | H |
| | 2496.27 | -59.62 | -13 | -46.62 | -78.09 | -63.19 | 4.88 | 10.60 | H |
| | 3328.36 | -58.40 | -13 | -45.40 | -78.91 | -63.33 | 5.52 | 12.60 | H |
| | 1664.18 | -65.37 | -13 | -52.37 | -76.92 | -68.62 | 4.00 | 9.40 | V |
| | 2496.27 | -59.41 | -13 | -46.41 | -78.14 | -62.98 | 4.88 | 10.60 | V |
| | 3328.36 | -58.19 | -13 | -45.19 | -79.20 | -63.12 | 5.52 | 12.60 | V |

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



| LTE Band 7 / 5MHz / 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) |
| Middle | 5000.68 | -59.20 | -25 | -34.20 | -81.35 | -64.76 | 7.14 | 12.70 | H |
| | 7501.02 | -56.23 | -25 | -31.23 | -82.23 | -59.53 | 8.30 | 11.60 | H |
| | 10001.36 | -54.50 | -25 | -29.50 | -83.69 | -56.02 | 10.48 | 12.00 | H |
| | 5000.68 | -57.71 | -25 | -32.71 | -81.54 | -63.27 | 7.14 | 12.70 | V |
| | 7501.02 | -56.45 | -25 | -31.45 | -82.44 | -59.75 | 8.30 | 11.60 | V |
| | 10001.36 | -53.83 | -25 | -28.83 | -83.6 | -55.35 | 10.48 | 12.00 | V |

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

| LTE Band 7 / 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) |
| Middle | 5061.18 | -58.65 | -25 | -33.65 | -81.28 | -64.21 | 7.14 | 12.70 | H |
| | 7591.77 | -56.30 | -25 | -31.30 | -81.91 | -59.60 | 8.30 | 11.60 | H |
| | 10122.36 | -53.69 | -25 | -28.69 | -83.06 | -55.21 | 10.48 | 12.00 | H |
| | 5061.18 | -57.69 | -25 | -32.69 | -81.53 | -63.25 | 7.14 | 12.70 | V |
| | 7591.77 | -56.23 | -25 | -31.23 | -81.84 | -59.53 | 8.30 | 11.60 | V |
| | 10122.36 | -52.57 | -25 | -27.57 | -82.99 | -54.09 | 10.48 | 12.00 | V |

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



| LTE Band 7 / 15MHz / 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) |
| Middle | 5056.68 | -59.00 | -25 | -34.00 | -81.63 | -64.56 | 7.14 | 12.70 | H |
| | 7585.02 | -56.52 | -25 | -31.52 | -82.20 | -59.82 | 8.30 | 11.60 | H |
| | 10113.36 | -53.94 | -25 | -28.94 | -83.29 | -55.46 | 10.48 | 12.00 | H |
| | 5056.68 | -57.51 | -25 | -32.51 | -81.35 | -63.07 | 7.14 | 12.70 | V |
| | 7585.02 | -56.37 | -25 | -31.37 | -82.05 | -59.67 | 8.30 | 11.60 | V |
| | 10113.36 | -53.02 | -25 | -28.02 | -83.35 | -54.54 | 10.48 | 12.00 | V |

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

| 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) |
| Middle | 5052.18 | -58.86 | -25 | -33.86 | -81.37 | -64.42 | 7.14 | 12.70 | H |
| | 7578.27 | -56.60 | -25 | -31.60 | -82.28 | -59.90 | 8.30 | 11.60 | H |
| | 10104.36 | -54.08 | -25 | -29.08 | -83.43 | -55.60 | 10.48 | 12.00 | H |
| | 5052.18 | -57.62 | -25 | -32.62 | -81.46 | -63.18 | 7.14 | 12.70 | V |
| | 7578.27 | -56.66 | -25 | -31.66 | -82.34 | -59.96 | 8.30 | 11.60 | V |
| | 10104.36 | -53.29 | -25 | -28.29 | -83.62 | -54.81 | 10.48 | 12.00 | V |

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



| LTE Band 26 / 1.4MHz / 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) |
| Middle | 1671.74 | -67.13 | -13 | -54.13 | -78.07 | -70.38 | 4.00 | 9.40 | H |
| | 2507.61 | -60.37 | -13 | -47.37 | -78.97 | -63.94 | 4.88 | 10.60 | H |
| | 3343.48 | -59.32 | -13 | -46.32 | -79.93 | -64.25 | 5.52 | 12.60 | H |
| | 1671.74 | -66.44 | -13 | -53.44 | -78.09 | -69.69 | 4.00 | 9.40 | V |
| | 2507.61 | -60.16 | -13 | -47.16 | -78.97 | -63.73 | 4.88 | 10.60 | V |
| | 3343.48 | -58.86 | -13 | -45.86 | -79.77 | -63.79 | 5.52 | 12.60 | V |

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

| LTE Band 26 / 3MHz / 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) |
| Middle | 1670.3 | -67.13 | -13 | -54.13 | -78.01 | -70.38 | 4.00 | 9.40 | H |
| | 2505.45 | -60.31 | -13 | -47.31 | -78.91 | -63.88 | 4.88 | 10.60 | H |
| | 3340.6 | -59.00 | -13 | -46.00 | -79.61 | -63.93 | 5.52 | 12.60 | H |
| | 1670.3 | -66.28 | -13 | -53.28 | -77.83 | -69.53 | 4.00 | 9.40 | V |
| | 2505.45 | -60.10 | -13 | -47.10 | -78.91 | -63.67 | 4.88 | 10.60 | V |
| | 3340.6 | -59.07 | -13 | -46.07 | -79.98 | -64.00 | 5.52 | 12.60 | V |

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



| LTE Band 26 / 5MHz / 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) |
| Middle | 1668.5 | -66.96 | -13 | -53.96 | -77.84 | -70.21 | 4.00 | 9.40 | H |
| | 2502.75 | -60.59 | -13 | -47.59 | -79.06 | -64.16 | 4.88 | 10.60 | H |
| | 3337 | -58.96 | -13 | -45.96 | -79.47 | -63.89 | 5.52 | 12.60 | H |
| | 1668.5 | -66.20 | -13 | -53.20 | -77.75 | -69.45 | 4.00 | 9.40 | V |
| | 2502.75 | -60.11 | -13 | -47.11 | -78.84 | -63.68 | 4.88 | 10.60 | V |
| | 3337 | -58.94 | -13 | -45.94 | -79.95 | -63.87 | 5.52 | 12.60 | V |

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

| LTE Band 26 / 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) |
| Middle | 1664 | -67.00 | -13 | -54.00 | -77.88 | -70.25 | 4.00 | 9.40 | H |
| | 2496 | -60.34 | -13 | -47.34 | -78.81 | -63.91 | 4.88 | 10.60 | H |
| | 3328 | -59.14 | -13 | -46.14 | -79.65 | -64.07 | 5.52 | 12.60 | H |
| | 1664 | -66.56 | -13 | -53.56 | -78.11 | -69.81 | 4.00 | 9.40 | V |
| | 2496 | -59.81 | -13 | -46.81 | -78.54 | -63.38 | 4.88 | 10.60 | V |
| | 3328 | -58.66 | -13 | -45.66 | -79.67 | -63.59 | 5.52 | 12.60 | V |

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



| LTE Band 26 / 15MHz / 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) |
| Middle | 1659.5 | -67.07 | -13 | -54.07 | -77.95 | -70.32 | 4.00 | 9.40 | H |
| | 2489.25 | -60.20 | -13 | -47.20 | -78.67 | -63.77 | 4.88 | 10.60 | H |
| | 3319 | -59.10 | -13 | -46.10 | -79.51 | -64.03 | 5.52 | 12.60 | H |
| | 1659.5 | -66.30 | -13 | -53.30 | -77.85 | -69.55 | 4.00 | 9.40 | V |
| | 2489.25 | -60.01 | -13 | -47.01 | -78.74 | -63.58 | 4.88 | 10.60 | V |
| | 3319 | -58.78 | -13 | -45.78 | -79.89 | -63.71 | 5.52 | 12.60 | V |

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



| LTE Band 38 / 5MHz / 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) |
| Middle | 5185.50 | -58.19 | -25 | -33.19 | -81.67 | -63.75 | 7.14 | 12.70 | H |
| | 7778.25 | -56.28 | -25 | -31.28 | -81.37 | -59.58 | 8.30 | 11.60 | H |
| | 10371.00 | -53.87 | -25 | -28.87 | -83.54 | -55.39 | 10.48 | 12.00 | H |
| | 5185.50 | -58.04 | -25 | -33.04 | -81.91 | -63.60 | 7.14 | 12.70 | V |
| | 7778.25 | -52.52 | -25 | -27.52 | -81.38 | -55.82 | 8.30 | 11.60 | V |
| | 10371.00 | -52.25 | -25 | -27.25 | -83.78 | -53.77 | 10.48 | 12.00 | V |

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

| LTE Band 38 / 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) |
| Middle | 5181.00 | -58.53 | -25 | -33.53 | -82.01 | -64.09 | 7.14 | 12.70 | H |
| | 7771.50 | -56.47 | -25 | -31.47 | -81.60 | -59.77 | 8.30 | 11.60 | H |
| | 10362.00 | -54.05 | -25 | -29.05 | -83.72 | -55.57 | 10.48 | 12.00 | H |
| | 5181.00 | -58.27 | -25 | -33.27 | -82.14 | -63.83 | 7.14 | 12.70 | V |
| | 7771.50 | -52.88 | -25 | -27.88 | -81.44 | -56.18 | 8.30 | 11.60 | V |
| | 10362.00 | -51.91 | -25 | -26.91 | -83.44 | -53.43 | 10.48 | 12.00 | V |

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



| LTE Band 38 / 15MHz / 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) |
| Middle | 5176.50 | -58.63 | -25 | -33.63 | -82.11 | -64.19 | 7.14 | 12.70 | H |
| | 7764.75 | -56.21 | -25 | -31.21 | -81.35 | -59.51 | 8.30 | 11.60 | H |
| | 10353.00 | -53.95 | -25 | -28.95 | -83.60 | -55.47 | 10.48 | 12.00 | H |
| | 5176.50 | -58.23 | -25 | -33.23 | -82.1 | -63.79 | 7.14 | 12.70 | V |
| | 7764.75 | -53.02 | -25 | -28.02 | -81.59 | -56.32 | 8.30 | 11.60 | V |
| | 10353.00 | -52.15 | -25 | -27.15 | -83.6 | -53.67 | 10.48 | 12.00 | V |

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

| LTE Band 38 / 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) |
| Middle | 5172.00 | -58.68 | -25 | -33.68 | -82.04 | -64.24 | 7.14 | 12.70 | H |
| | 7758.00 | -56.69 | -25 | -31.69 | -81.83 | -59.99 | 8.30 | 11.60 | H |
| | 10344.00 | -53.89 | -25 | -28.89 | -83.55 | -55.41 | 10.48 | 12.00 | H |
| | 5172.00 | -58.23 | -25 | -33.23 | -82.09 | -63.79 | 7.14 | 12.70 | V |
| | 7758.00 | -52.65 | -25 | -27.65 | -81.22 | -55.95 | 8.30 | 11.60 | V |
| | 10344.00 | -52.37 | -25 | -27.37 | -83.83 | -53.89 | 10.48 | 12.00 | V |

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



| LTE Band 41 / 5MHz / 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) |
| Middle | 5195.50 | -58.57 | -25 | -33.57 | -82.17 | -64.13 | 7.14 | 12.70 | H |
| | 7793.25 | -56.68 | -25 | -31.68 | -81.73 | -59.98 | 8.30 | 11.60 | H |
| | 10391.00 | -54.08 | -25 | -29.08 | -83.78 | -55.60 | 10.48 | 12.00 | H |
| | 5195.50 | -58.33 | -25 | -33.33 | -82.2 | -63.89 | 7.14 | 12.70 | V |
| | 7793.25 | -52.57 | -25 | -27.57 | -81.73 | -55.87 | 8.30 | 11.60 | V |
| | 10391.00 | -52.00 | -25 | -27.00 | -83.61 | -53.52 | 10.48 | 12.00 | V |

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

| LTE Band 41 / 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) |
| Middle | 5191.00 | -58.62 | -25 | -33.62 | -82.22 | -64.18 | 7.14 | 12.70 | H |
| | 7786.50 | -56.54 | -25 | -31.54 | -81.63 | -59.84 | 8.30 | 11.60 | H |
| | 10382.00 | -53.99 | -25 | -28.99 | -83.69 | -55.51 | 10.48 | 12.00 | H |
| | 5191.00 | -58.55 | -25 | -33.55 | -82.42 | -64.11 | 7.14 | 12.70 | V |
| | 7786.50 | -52.65 | -25 | -27.65 | -81.51 | -55.95 | 8.30 | 11.60 | V |
| | 10382.00 | -51.81 | -25 | -26.81 | -83.42 | -53.33 | 10.48 | 12.00 | V |

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



| LTE Band 41 / 15MHz / 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) |
| Middle | 5186.50 | -58.62 | -25 | -33.62 | -82.10 | -64.18 | 7.14 | 12.70 | H |
| | 7779.75 | -56.67 | -25 | -31.67 | -81.76 | -59.97 | 8.30 | 11.60 | H |
| | 10373.00 | -54.06 | -25 | -29.06 | -83.73 | -55.58 | 10.48 | 12.00 | H |
| | 5186.50 | -58.16 | -25 | -33.16 | -82.03 | -63.72 | 7.14 | 12.70 | V |
| | 7779.75 | -52.81 | -25 | -27.81 | -81.67 | -56.11 | 8.30 | 11.60 | V |
| | 10373.00 | -52.32 | -25 | -27.32 | -83.85 | -53.84 | 10.48 | 12.00 | V |

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

| LTE Band 41 / 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) |
| Middle | 5182.00 | -58.73 | -25 | -33.73 | -82.21 | -64.29 | 7.14 | 12.70 | H |
| | 7773.00 | -56.58 | -25 | -31.58 | -81.71 | -59.88 | 8.30 | 11.60 | H |
| | 10364.00 | -54.03 | -25 | -29.03 | -83.70 | -55.55 | 10.48 | 12.00 | H |
| | 5182.00 | -58.35 | -25 | -33.35 | -82.22 | -63.91 | 7.14 | 12.70 | V |
| | 7773.00 | -52.94 | -25 | -27.94 | -81.5 | -56.24 | 8.30 | 11.60 | V |
| | 10364.00 | -52.25 | -25 | -27.25 | -83.78 | -53.77 | 10.48 | 12.00 | V |

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



Bottom Antenna:

| LTE Band 2 / 1.4MHz / 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) |
| Middle | 3758.92 | -57.51 | -13 | -44.51 | -79.45 | -64.26 | 5.85 | 12.60 | H |
| | 5638.38 | -57.66 | -13 | -44.66 | -81.28 | -63.46 | 7.30 | 13.10 | H |
| | 7517.84 | -55.54 | -13 | -42.54 | -81.47 | -58.69 | 8.35 | 11.50 | H |
| | 3758.92 | -54.85 | -13 | -41.85 | -79.95 | -61.60 | 5.85 | 12.60 | V |
| | 5638.38 | -57.09 | -13 | -44.09 | -80.86 | -62.89 | 7.30 | 13.10 | V |
| | 7517.84 | -55.21 | -13 | -42.21 | -81.13 | -58.36 | 8.35 | 11.50 | V |

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

| LTE Band 2 / 3MHz / 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) |
| Middle | 3757.48 | -57.49 | -13 | -44.49 | -79.43 | -64.24 | 5.85 | 12.60 | H |
| | 5636.22 | -57.59 | -13 | -44.59 | -81.21 | -63.39 | 7.30 | 13.10 | H |
| | 7514.96 | -55.70 | -13 | -42.70 | -81.64 | -58.85 | 8.35 | 11.50 | H |
| | 3757.48 | -55.18 | -13 | -42.18 | -80.28 | -61.93 | 5.85 | 12.60 | V |
| | 5636.22 | -57.25 | -13 | -44.25 | -81.02 | -63.05 | 7.30 | 13.10 | V |
| | 7514.96 | -55.51 | -13 | -42.51 | -81.44 | -58.66 | 8.35 | 11.50 | V |

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



| LTE Band 2 / 5MHz / 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) |
| Middle | 3755.68 | -57.79 | -13 | -44.79 | -79.73 | -64.54 | 5.85 | 12.60 | H |
| | 5633.52 | -57.58 | -13 | -44.58 | -81.20 | -63.38 | 7.30 | 13.10 | H |
| | 7511.36 | -55.33 | -13 | -42.33 | -81.27 | -58.48 | 8.35 | 11.50 | H |
| | 3755.68 | -54.14 | -13 | -41.14 | -79.24 | -60.89 | 5.85 | 12.60 | V |
| | 5633.52 | -56.90 | -13 | -43.90 | -80.67 | -62.70 | 7.30 | 13.10 | V |
| | 7511.36 | -55.41 | -13 | -42.41 | -81.34 | -58.56 | 8.35 | 11.50 | V |

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

| LTE Band 2 / 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) |
| Middle | 3751.18 | -57.54 | -13 | -44.54 | -79.48 | -64.29 | 5.85 | 12.60 | H |
| | 5626.77 | -57.28 | -13 | -44.28 | -80.98 | -63.08 | 7.30 | 13.10 | H |
| | 7502 | -55.39 | -13 | -42.39 | -81.39 | -58.54 | 8.35 | 11.50 | H |
| | 3751.18 | -55.17 | -13 | -42.17 | -80.27 | -61.92 | 5.85 | 12.60 | V |
| | 5626.77 | -57.18 | -13 | -44.18 | -81.38 | -62.98 | 7.30 | 13.10 | V |
| | 7502 | -55.62 | -13 | -42.62 | -81.61 | -58.77 | 8.35 | 11.50 | V |

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



| LTE Band 2 / 15MHz / 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) |
| Middle | 3746.68 | -57.91 | -13 | -44.91 | -79.85 | -64.66 | 5.85 | 12.60 | H |
| | 5620.02 | -57.54 | -13 | -44.54 | -81.24 | -63.34 | 7.30 | 13.10 | H |
| | 7493.36 | -55.61 | -13 | -42.61 | -81.61 | -58.76 | 8.35 | 11.50 | H |
| | 3746.68 | -54.68 | -13 | -41.68 | -79.78 | -61.43 | 5.85 | 12.60 | V |
| | 5620.02 | -56.81 | -13 | -43.81 | -81.01 | -62.61 | 7.30 | 13.10 | V |
| | 7493.36 | -55.35 | -13 | -42.35 | -81.34 | -58.50 | 8.35 | 11.50 | V |

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

| 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) |
| Middle | 3742.18 | -57.53 | -13 | -44.53 | -80.02 | -64.28 | 5.85 | 12.60 | H |
| | 5613.27 | -57.67 | -13 | -44.67 | -81.45 | -63.47 | 7.30 | 13.10 | H |
| | 7484.36 | -55.51 | -13 | -42.51 | -81.58 | -58.66 | 8.35 | 11.50 | H |
| | 3742.18 | -54.83 | -13 | -41.83 | -79.33 | -61.58 | 5.85 | 12.60 | V |
| | 5613.27 | -56.59 | -13 | -43.59 | -81.22 | -62.39 | 7.30 | 13.10 | V |
| | 7484.36 | -55.54 | -13 | -42.54 | -81.59 | -58.69 | 8.35 | 11.50 | V |

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



| LTE Band 4 / 1.4MHz / 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) |
| Middle | 3463.74 | -54.74 | -13 | -41.74 | -76.28 | -61.59 | 5.65 | 12.50 | H |
| | 5195.61 | -57.84 | -13 | -44.84 | -81.44 | -63.51 | 7.13 | 12.80 | H |
| | 6927.48 | -55.96 | -13 | -42.96 | -81.11 | -59.36 | 8.40 | 11.80 | H |
| | 3463.74 | -57.26 | -13 | -44.26 | -78.6 | -64.11 | 5.65 | 12.50 | V |
| | 5195.61 | -56.65 | -13 | -43.65 | -80.52 | -62.32 | 7.13 | 12.80 | V |
| | 6927.48 | -55.05 | -13 | -42.05 | -81.12 | -58.45 | 8.40 | 11.80 | V |

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

| LTE Band 4 / 3MHz / 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) |
| Middle | 3462.48 | -53.24 | -13 | -40.24 | -74.78 | -60.09 | 5.65 | 12.50 | H |
| | 5193.72 | -57.89 | -13 | -44.89 | -81.49 | -63.56 | 7.13 | 12.80 | H |
| | 6924.96 | -56.08 | -13 | -43.08 | -81.23 | -59.48 | 8.40 | 11.80 | H |
| | 3462.48 | -57.04 | -13 | -44.04 | -78.38 | -63.89 | 5.65 | 12.50 | V |
| | 5193.72 | -57.52 | -13 | -44.52 | -81.39 | -63.19 | 7.13 | 12.80 | V |
| | 6924.96 | -55.02 | -13 | -42.02 | -81.09 | -58.42 | 8.40 | 11.80 | V |

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



| LTE Band 4 / 5MHz / 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) |
| Middle | 3460.68 | -53.16 | -13 | -40.16 | -74.70 | -60.01 | 5.65 | 12.50 | H |
| | 5191.02 | -57.81 | -13 | -44.81 | -81.41 | -63.48 | 7.13 | 12.80 | H |
| | 6921.36 | -56.16 | -13 | -43.16 | -81.27 | -59.56 | 8.40 | 11.80 | H |
| | 3460.68 | -56.98 | -13 | -43.98 | -78.32 | -63.83 | 5.65 | 12.50 | V |
| | 5191.02 | -57.46 | -13 | -44.46 | -81.33 | -63.13 | 7.13 | 12.80 | V |
| | 6921.36 | -55.17 | -13 | -42.17 | -81.38 | -58.57 | 8.40 | 11.80 | V |

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

| LTE Band 4 / 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) |
| Middle | 3456.18 | -52.93 | -13 | -39.93 | -73.67 | -59.78 | 5.65 | 12.50 | H |
| | 5184.27 | -57.81 | -13 | -44.81 | -81.29 | -63.48 | 7.13 | 12.80 | H |
| | 6912.36 | -55.98 | -13 | -42.98 | -81.09 | -59.38 | 8.40 | 11.80 | H |
| | 3456.18 | -56.72 | -13 | -43.72 | -78.4 | -63.57 | 5.65 | 12.50 | V |
| | 5184.27 | -57.02 | -13 | -44.02 | -80.89 | -62.69 | 7.13 | 12.80 | V |
| | 6912.36 | -55.01 | -13 | -42.01 | -81.22 | -58.41 | 8.40 | 11.80 | V |

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



| LTE Band 4 / 15MHz / 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) |
| Middle | 3451.68 | -51.90 | -13 | -38.90 | -72.64 | -58.75 | 5.65 | 12.50 | H |
| | 5177.52 | -57.96 | -13 | -44.96 | -81.44 | -63.63 | 7.13 | 12.80 | H |
| | 6903.36 | -56.27 | -13 | -43.27 | -81.35 | -59.67 | 8.40 | 11.80 | H |
| | 3451.68 | -55.50 | -13 | -42.50 | -77.18 | -62.35 | 5.65 | 12.50 | V |
| | 5177.52 | -57.35 | -13 | -44.35 | -81.22 | -63.02 | 7.13 | 12.80 | V |
| | 6903.36 | -54.51 | -13 | -41.51 | -80.87 | -57.91 | 8.40 | 11.80 | V |

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

| 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) |
| Middle | 3447.18 | -52.53 | -13 | -39.53 | -73.27 | -59.38 | 5.65 | 12.50 | H |
| | 5170.77 | -58.11 | -13 | -45.11 | -81.47 | -63.78 | 7.13 | 12.80 | H |
| | 6894.36 | -56.30 | -13 | -43.30 | -81.39 | -59.70 | 8.40 | 11.80 | H |
| | 3447.18 | -56.03 | -13 | -43.03 | -77.71 | -62.88 | 5.65 | 12.50 | V |
| | 5170.77 | -57.59 | -13 | -44.59 | -81.45 | -63.26 | 7.13 | 12.80 | V |
| | 6894.36 | -54.50 | -13 | -41.50 | -80.87 | -57.90 | 8.40 | 11.80 | V |

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



| LTE Band 5 / 1.4MHz / 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 | 1671.92 | -65.81 | -13 | -52.81 | -76.75 | -69.06 | 4.00 | 9.40 | H |
| | 2507.88 | -58.93 | -13 | -45.93 | -77.53 | -62.50 | 4.88 | 10.60 | H |
| | 3343.84 | -58.30 | -13 | -45.30 | -78.91 | -63.23 | 5.52 | 12.60 | H |
| | 1671.92 | -65.30 | -13 | -52.30 | -76.95 | -68.55 | 4.00 | 9.40 | V |
| | 2507.88 | -58.94 | -13 | -45.94 | -77.75 | -62.51 | 4.88 | 10.60 | V |
| | 3343.84 | -57.73 | -13 | -44.73 | -78.64 | -62.66 | 5.52 | 12.60 | V |

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

| LTE Band 5 / 3MHz / 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 | 1670.48 | -66.03 | -13 | -53.03 | -76.91 | -69.28 | 4.00 | 9.40 | H |
| | 2505.72 | -59.16 | -13 | -46.16 | -77.76 | -62.73 | 4.88 | 10.60 | H |
| | 3340.96 | -58.06 | -13 | -45.06 | -78.67 | -62.99 | 5.52 | 12.60 | H |
| | 1670.48 | -65.47 | -13 | -52.47 | -77.02 | -68.72 | 4.00 | 9.40 | V |
| | 2505.72 | -59.05 | -13 | -46.05 | -77.86 | -62.62 | 4.88 | 10.60 | V |
| | 3340.96 | -57.56 | -13 | -44.56 | -78.47 | -62.49 | 5.52 | 12.60 | V |

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



| LTE Band 5 / 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) |
| Middle | 1668.68 | -65.77 | -13 | -52.77 | -76.65 | -69.02 | 4.00 | 9.40 | H |
| | 2503.02 | -59.29 | -13 | -46.29 | -77.76 | -62.86 | 4.88 | 10.60 | H |
| | 3337.36 | -58.18 | -13 | -45.18 | -78.69 | -63.11 | 5.52 | 12.60 | H |
| | 1668.68 | -64.88 | -13 | -51.88 | -76.43 | -68.13 | 4.00 | 9.40 | V |
| | 2503.02 | -58.61 | -13 | -45.61 | -77.34 | -62.18 | 4.88 | 10.60 | V |
| | 3337.36 | -57.48 | -13 | -44.48 | -78.49 | -62.41 | 5.52 | 12.60 | V |

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

| 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) |
| Middle | 1664.18 | -65.75 | -13 | -52.75 | -76.63 | -69.00 | 4.00 | 9.40 | H |
| | 2496.27 | -59.13 | -13 | -46.13 | -77.60 | -62.70 | 4.88 | 10.60 | H |
| | 3328.36 | -58.21 | -13 | -45.21 | -78.72 | -63.14 | 5.52 | 12.60 | H |
| | 1664.18 | -65.22 | -13 | -52.22 | -76.77 | -68.47 | 4.00 | 9.40 | V |
| | 2496.27 | -58.89 | -13 | -45.89 | -77.62 | -62.46 | 4.88 | 10.60 | V |
| | 3328.36 | -57.20 | -13 | -44.20 | -78.21 | -62.13 | 5.52 | 12.60 | V |

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



| LTE Band 7 / 5MHz / 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) |
| Middle | 5065.68 | -58.16 | -25 | -33.16 | -80.79 | -63.72 | 7.14 | 12.70 | H |
| | 7598.52 | -55.70 | -25 | -30.70 | -81.31 | -59.00 | 8.30 | 11.60 | H |
| | 10131.36 | -53.37 | -25 | -28.37 | -82.74 | -54.89 | 10.48 | 12.00 | H |
| | 5065.68 | -57.06 | -25 | -32.06 | -80.9 | -62.62 | 7.14 | 12.70 | V |
| | 7598.52 | -55.44 | -25 | -30.44 | -81.05 | -58.74 | 8.30 | 11.60 | V |
| | 10131.36 | -51.96 | -25 | -26.96 | -82.38 | -53.48 | 10.48 | 12.00 | V |

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

| LTE Band 7 / 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) |
| Middle | 5061.18 | -58.65 | -25 | -33.65 | -81.28 | -64.21 | 7.14 | 12.70 | H |
| | 7591.77 | -55.75 | -25 | -30.75 | -81.36 | -59.05 | 8.30 | 11.60 | H |
| | 10122.36 | -52.97 | -25 | -27.97 | -82.34 | -54.49 | 10.48 | 12.00 | H |
| | 5061.18 | -57.27 | -25 | -32.27 | -81.11 | -62.83 | 7.14 | 12.70 | V |
| | 7591.77 | -55.88 | -25 | -30.88 | -81.49 | -59.18 | 8.30 | 11.60 | V |
| | 10122.36 | -52.23 | -25 | -27.23 | -82.65 | -53.75 | 10.48 | 12.00 | V |

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



| LTE Band 7 / 15MHz / 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) |
| Middle | 5056.68 | -58.31 | -25 | -33.31 | -80.94 | -63.87 | 7.14 | 12.70 | H |
| | 7585.02 | -55.90 | -25 | -30.90 | -81.58 | -59.20 | 8.30 | 11.60 | H |
| | 10113.36 | -53.33 | -25 | -28.33 | -82.68 | -54.85 | 10.48 | 12.00 | H |
| | 5056.68 | -57.09 | -25 | -32.09 | -80.93 | -62.65 | 7.14 | 12.70 | V |
| | 7585.02 | -55.78 | -25 | -30.78 | -81.46 | -59.08 | 8.30 | 11.60 | V |
| | 10113.36 | -52.06 | -25 | -27.06 | -82.39 | -53.58 | 10.48 | 12.00 | V |

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

| 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) |
| Middle | 5052.18 | -58.19 | -25 | -33.19 | -80.70 | -63.75 | 7.14 | 12.70 | H |
| | 7578.27 | -55.72 | -25 | -30.72 | -81.40 | -59.02 | 8.30 | 11.60 | H |
| | 10104.36 | -53.07 | -25 | -28.07 | -82.42 | -54.59 | 10.48 | 12.00 | H |
| | 5052.18 | -57.34 | -25 | -32.34 | -81.18 | -62.90 | 7.14 | 12.70 | V |
| | 7578.27 | -55.62 | -25 | -30.62 | -81.3 | -58.92 | 8.30 | 11.60 | V |
| | 10104.36 | -52.16 | -25 | -27.16 | -82.49 | -53.68 | 10.48 | 12.00 | V |

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



| LTE Band 26 / 1.4MHz / 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) |
| Middle | 1671.74 | -65.75 | -13 | -52.75 | -76.69 | -69.00 | 4.00 | 9.40 | H |
| | 2507.61 | -59.04 | -13 | -46.04 | -77.64 | -62.61 | 4.88 | 10.60 | H |
| | 3343.48 | -58.25 | -13 | -45.25 | -78.86 | -63.18 | 5.52 | 12.60 | H |
| | 1671.74 | -65.18 | -13 | -52.18 | -76.83 | -68.43 | 4.00 | 9.40 | V |
| | 2507.61 | -58.75 | -13 | -45.75 | -77.56 | -62.32 | 4.88 | 10.60 | V |
| | 3343.48 | -57.95 | -13 | -44.95 | -78.86 | -62.88 | 5.52 | 12.60 | V |

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

| LTE Band 26 / 3MHz / 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) |
| Middle | 1670.3 | -66.07 | -13 | -53.07 | -76.95 | -69.32 | 4.00 | 9.40 | H |
| | 2505.45 | -58.81 | -13 | -45.81 | -77.41 | -62.38 | 4.88 | 10.60 | H |
| | 3340.6 | -58.23 | -13 | -45.23 | -78.84 | -63.16 | 5.52 | 12.60 | H |
| | 1670.3 | -65.40 | -13 | -52.40 | -76.95 | -68.65 | 4.00 | 9.40 | V |
| | 2505.45 | -59.12 | -13 | -46.12 | -77.93 | -62.69 | 4.88 | 10.60 | V |
| | 3340.6 | -57.67 | -13 | -44.67 | -78.58 | -62.60 | 5.52 | 12.60 | V |

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



| LTE Band 26 / 5MHz / 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) |
| Middle | 1668.5 | -65.88 | -13 | -52.88 | -76.76 | -69.13 | 4.00 | 9.40 | H |
| | 2502.75 | -59.18 | -13 | -46.18 | -77.65 | -62.75 | 4.88 | 10.60 | H |
| | 3337 | -58.50 | -13 | -45.50 | -79.01 | -63.43 | 5.52 | 12.60 | H |
| | 1668.5 | -65.51 | -13 | -52.51 | -77.06 | -68.76 | 4.00 | 9.40 | V |
| | 2502.75 | -59.12 | -13 | -46.12 | -77.85 | -62.69 | 4.88 | 10.60 | V |
| | 3337 | -57.83 | -13 | -44.83 | -78.84 | -62.76 | 5.52 | 12.60 | V |

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

| LTE Band 26 / 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) |
| Middle | 1664 | -66.17 | -13 | -53.17 | -77.05 | -69.42 | 4.00 | 9.40 | H |
| | 2496 | -59.53 | -13 | -46.53 | -78.00 | -63.10 | 4.88 | 10.60 | H |
| | 3328 | -58.42 | -13 | -45.42 | -78.93 | -63.35 | 5.52 | 12.60 | H |
| | 1664 | -65.59 | -13 | -52.59 | -77.14 | -68.84 | 4.00 | 9.40 | V |
| | 2496 | -59.08 | -13 | -46.08 | -77.81 | -62.65 | 4.88 | 10.60 | V |
| | 3328 | -57.90 | -13 | -44.90 | -78.91 | -62.83 | 5.52 | 12.60 | V |

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



| LTE Band 26 / 15MHz / 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) |
| Middle | 1659.5 | -65.79 | -13 | -52.79 | -76.67 | -69.04 | 4.00 | 9.40 | H |
| | 2489.25 | -59.45 | -13 | -46.45 | -77.92 | -63.02 | 4.88 | 10.60 | H |
| | 3319 | -58.49 | -13 | -45.49 | -78.90 | -63.42 | 5.52 | 12.60 | H |
| | 1659.5 | -65.39 | -13 | -52.39 | -76.94 | -68.64 | 4.00 | 9.40 | V |
| | 2489.25 | -59.43 | -13 | -46.43 | -78.16 | -63.00 | 4.88 | 10.60 | V |
| | 3319 | -57.87 | -13 | -44.87 | -78.98 | -62.80 | 5.52 | 12.60 | V |

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



| LTE Band 38 / 5MHz / 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) |
| Middle | 5185.50 | -57.40 | -25 | -32.40 | -80.88 | -62.96 | 7.14 | 12.70 | H |
| | 7778.25 | -55.69 | -25 | -30.69 | -80.78 | -58.99 | 8.30 | 11.60 | H |
| | 10371.00 | -53.15 | -25 | -28.15 | -82.82 | -54.67 | 10.48 | 12.00 | H |
| | 5185.50 | -57.36 | -25 | -32.36 | -81.23 | -62.92 | 7.14 | 12.70 | V |
| | 7778.25 | -52.01 | -25 | -27.01 | -80.87 | -55.31 | 8.30 | 11.60 | V |
| | 10371.00 | -51.09 | -25 | -26.09 | -82.62 | -52.61 | 10.48 | 12.00 | V |

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

| LTE Band 38 / 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) |
| Middle | 5181.00 | -57.44 | -25 | -32.44 | -80.92 | -63.00 | 7.14 | 12.70 | H |
| | 7771.50 | -55.97 | -25 | -30.97 | -81.10 | -59.27 | 8.30 | 11.60 | H |
| | 10362.00 | -53.08 | -25 | -28.08 | -82.75 | -54.60 | 10.48 | 12.00 | H |
| | 5181.00 | -57.57 | -25 | -32.57 | -81.44 | -63.13 | 7.14 | 12.70 | V |
| | 7771.50 | -51.83 | -25 | -26.83 | -80.39 | -55.13 | 8.30 | 11.60 | V |
| | 10362.00 | -51.08 | -25 | -26.08 | -82.61 | -52.60 | 10.48 | 12.00 | V |

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



| LTE Band 38 / 15MHz / 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) |
| Middle | 5176.50 | -57.74 | -25 | -32.74 | -81.22 | -63.30 | 7.14 | 12.70 | H |
| | 7764.75 | -55.79 | -25 | -30.79 | -80.93 | -59.09 | 8.30 | 11.60 | H |
| | 10353.00 | -53.15 | -25 | -28.15 | -82.80 | -54.67 | 10.48 | 12.00 | H |
| | 5176.50 | -57.52 | -25 | -32.52 | -81.39 | -63.08 | 7.14 | 12.70 | V |
| | 7764.75 | -52.32 | -25 | -27.32 | -80.89 | -55.62 | 8.30 | 11.60 | V |
| | 10353.00 | -51.29 | -25 | -26.29 | -82.74 | -52.81 | 10.48 | 12.00 | V |

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

| LTE Band 38 / 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) |
| Middle | 5172.00 | -57.60 | -25 | -32.60 | -80.96 | -63.16 | 7.14 | 12.70 | H |
| | 7758.00 | -55.98 | -25 | -30.98 | -81.12 | -59.28 | 8.30 | 11.60 | H |
| | 10344.00 | -52.85 | -25 | -27.85 | -82.51 | -54.37 | 10.48 | 12.00 | H |
| | 5172.00 | -57.43 | -25 | -32.43 | -81.29 | -62.99 | 7.14 | 12.70 | V |
| | 7758.00 | -52.36 | -25 | -27.36 | -80.93 | -55.66 | 8.30 | 11.60 | V |
| | 10344.00 | -51.33 | -25 | -26.33 | -82.79 | -52.85 | 10.48 | 12.00 | V |

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



| LTE Band 41 / 5MHz / 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) |
| Middle | 5195.50 | -57.53 | -25 | -32.53 | -81.13 | -63.09 | 7.14 | 12.70 | H |
| | 7793.25 | -55.94 | -25 | -30.94 | -80.99 | -59.24 | 8.30 | 11.60 | H |
| | 10391.00 | -52.83 | -25 | -27.83 | -82.53 | -54.35 | 10.48 | 12.00 | H |
| | 5195.50 | -57.19 | -25 | -32.19 | -81.06 | -62.75 | 7.14 | 12.70 | V |
| | 7793.25 | -52.04 | -25 | -27.04 | -81.2 | -55.34 | 8.30 | 11.60 | V |
| | 10391.00 | -50.75 | -25 | -25.75 | -82.36 | -52.27 | 10.48 | 12.00 | V |

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

| LTE Band 41 / 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) |
| Middle | 5191.00 | -57.83 | -25 | -32.83 | -81.43 | -63.39 | 7.14 | 12.70 | H |
| | 7786.50 | -55.77 | -25 | -30.77 | -80.86 | -59.07 | 8.30 | 11.60 | H |
| | 10382.00 | -52.92 | -25 | -27.92 | -82.62 | -54.44 | 10.48 | 12.00 | H |
| | 5191.00 | -57.42 | -25 | -32.42 | -81.29 | -62.98 | 7.14 | 12.70 | V |
| | 7786.50 | -52.01 | -25 | -27.01 | -80.87 | -55.31 | 8.30 | 11.60 | V |
| | 10382.00 | -50.81 | -25 | -25.81 | -82.42 | -52.33 | 10.48 | 12.00 | V |

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



| LTE Band 41 / 15MHz / 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) |
| Middle | 5186.50 | -57.80 | -25 | -32.80 | -81.28 | -63.36 | 7.14 | 12.70 | H |
| | 7779.75 | -56.05 | -25 | -31.05 | -81.14 | -59.35 | 8.30 | 11.60 | H |
| | 10373.00 | -53.19 | -25 | -28.19 | -82.86 | -54.71 | 10.48 | 12.00 | H |
| | 5186.50 | -57.35 | -25 | -32.35 | -81.22 | -62.91 | 7.14 | 12.70 | V |
| | 7779.75 | -52.02 | -25 | -27.02 | -80.88 | -55.32 | 8.30 | 11.60 | V |
| | 10373.00 | -51.22 | -25 | -26.22 | -82.75 | -52.74 | 10.48 | 12.00 | V |

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

| LTE Band 41 / 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) |
| Middle | 5182.00 | -57.52 | -25 | -32.52 | -81.00 | -63.08 | 7.14 | 12.70 | H |
| | 7773.00 | -55.88 | -25 | -30.88 | -81.01 | -59.18 | 8.30 | 11.60 | H |
| | 10364.00 | -53.05 | -25 | -28.05 | -82.72 | -54.57 | 10.48 | 12.00 | H |
| | 5182.00 | -57.46 | -25 | -32.46 | -81.33 | -63.02 | 7.14 | 12.70 | V |
| | 7773.00 | -51.74 | -25 | -26.74 | -80.3 | -55.04 | 8.30 | 11.60 | V |
| | 10364.00 | -50.93 | -25 | -25.93 | -82.46 | -52.45 | 10.48 | 12.00 | V |

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