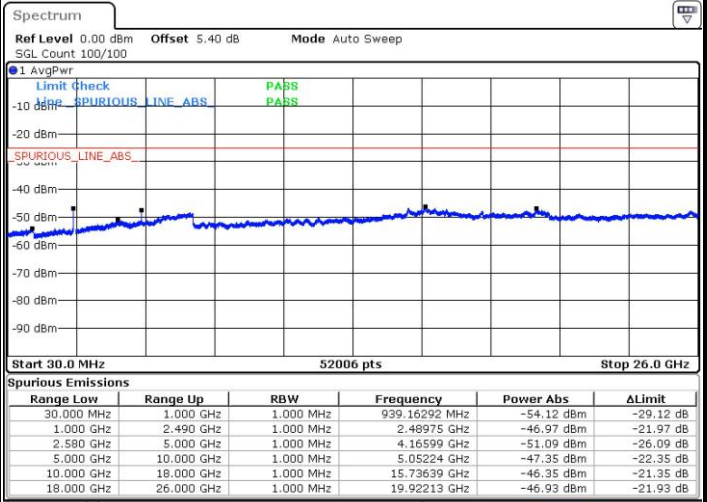
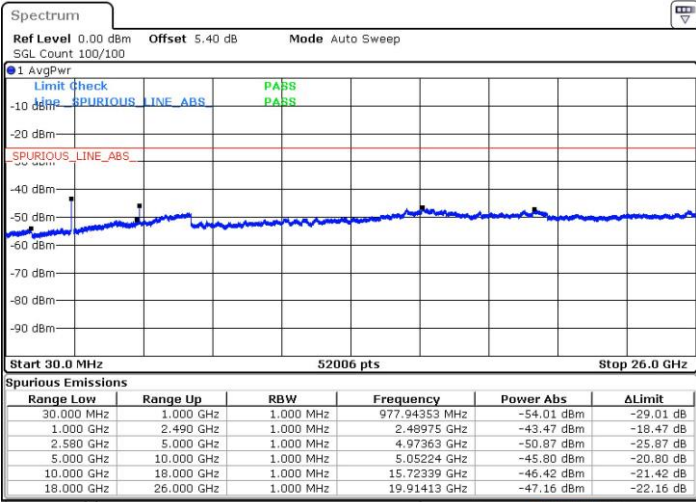




LTE Band 7 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

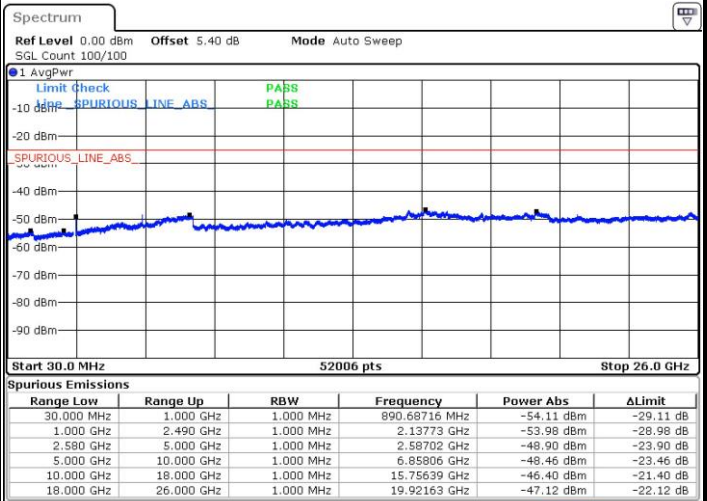
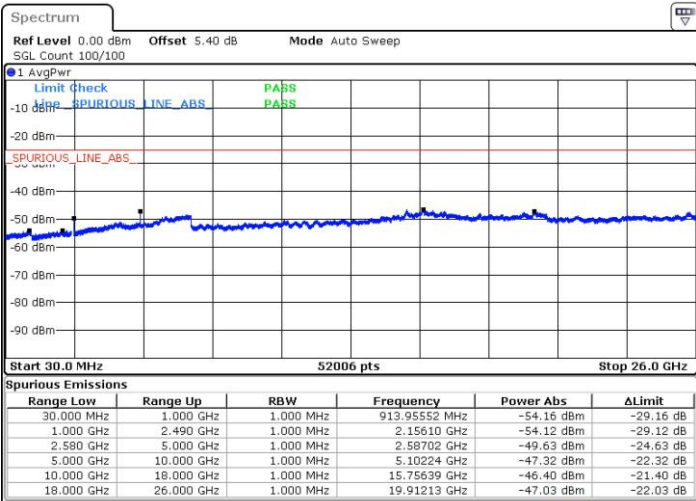


Date: 10 JAN 2017 18:45:27

Date: 10 JAN 2017 18:44:33

Highest Channel / QPSK

Highest Channel / 16QAM



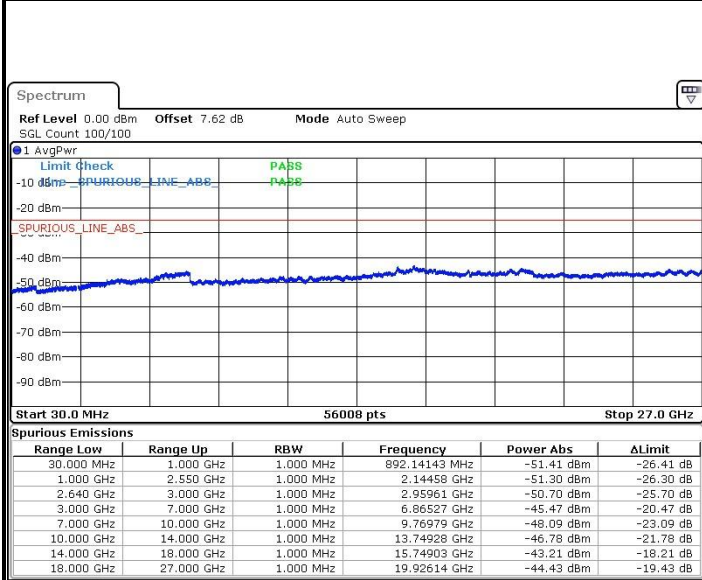
Date: 10 JAN 2017 18:46:21

Date: 10 JAN 2017 18:47:16



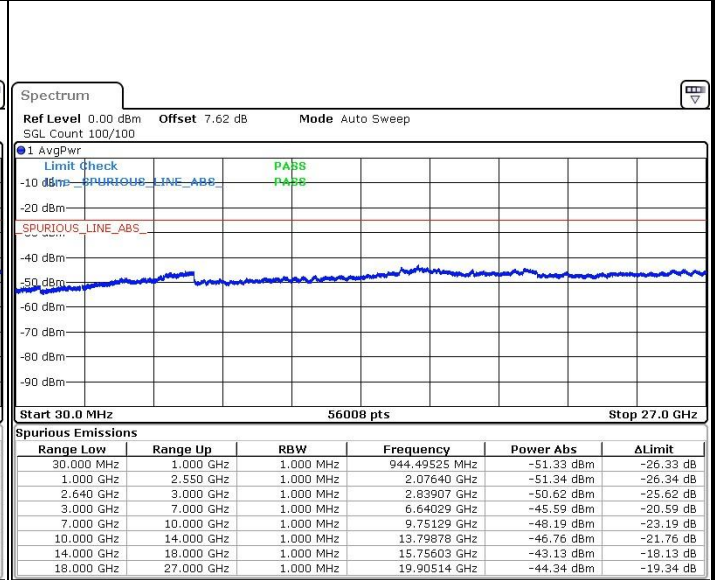
LTE Band 38 / 5MHz

Lowest Channel / QPSK



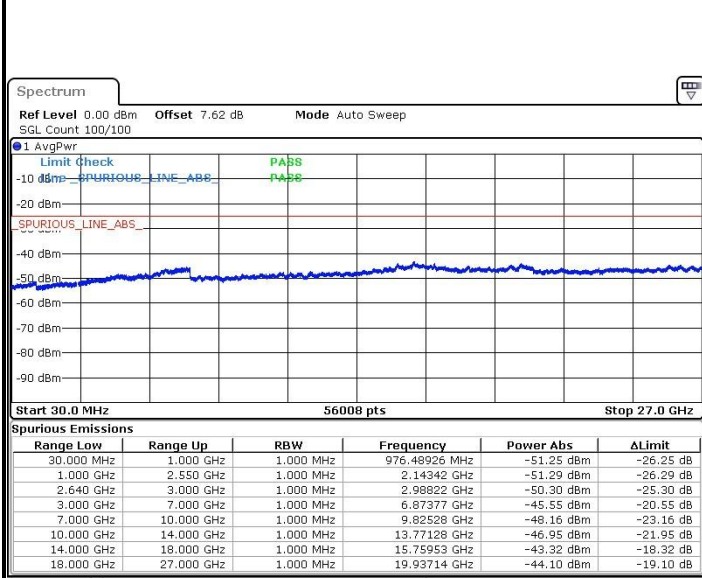
Date: 4 FEB 2017 09:29:40

Lowest Channel / 16QAM



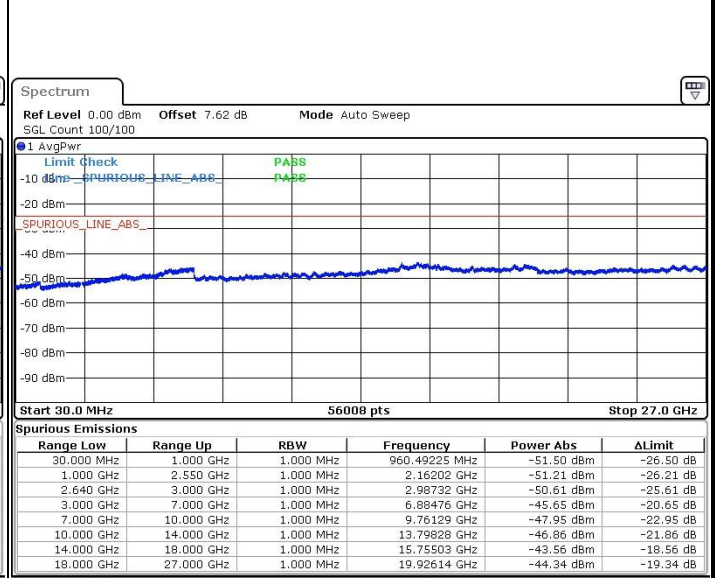
Date: 4 FEB 2017 09:30:29

Middle Channel / QPSK



Date: 4 FEB 2017 09:32:09

Middle Channel / 16QAM

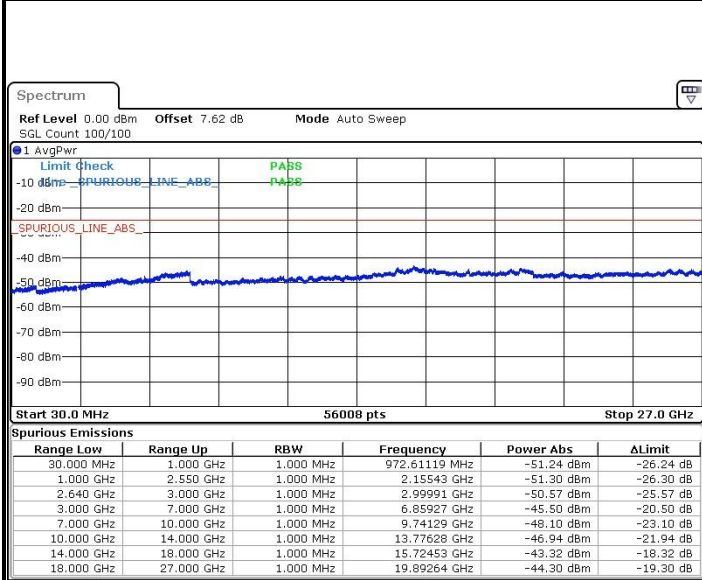


Date: 4 FEB 2017 09:31:19



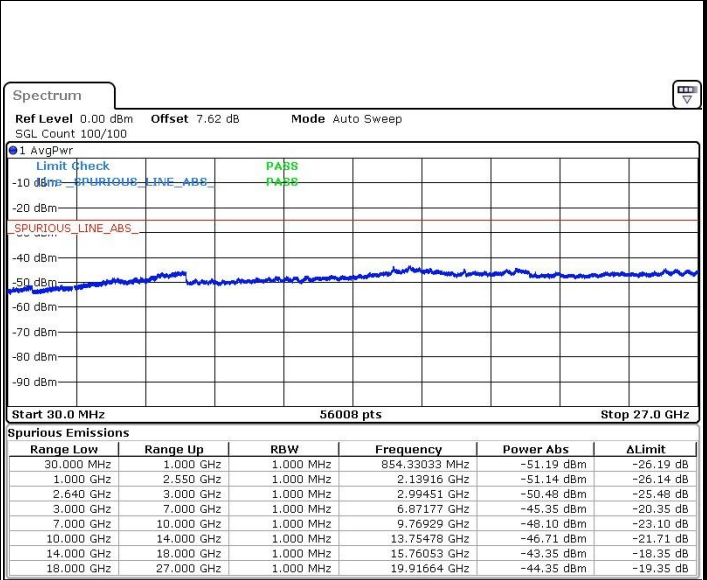
LTE Band 38 / 5MHz

Highest Channel / QPSK



Date: 4 FEB 2017 09:33:02

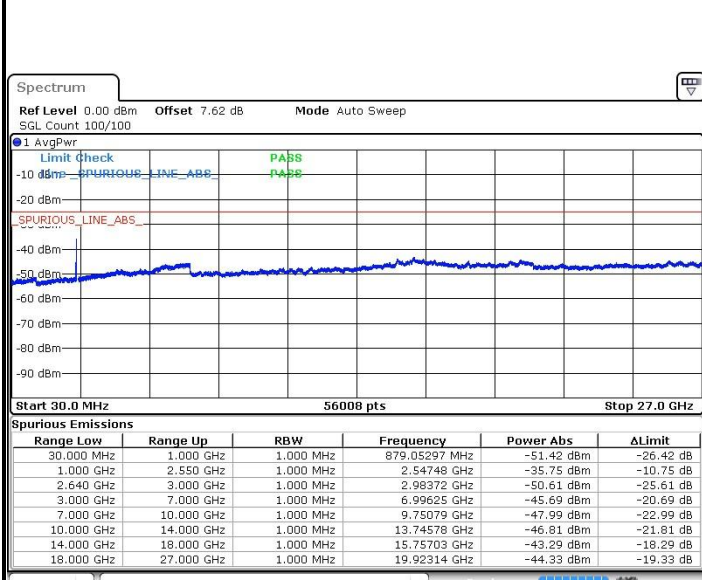
Highest Channel / 16QAM



Date: 4 FEB 2017 09:33:57

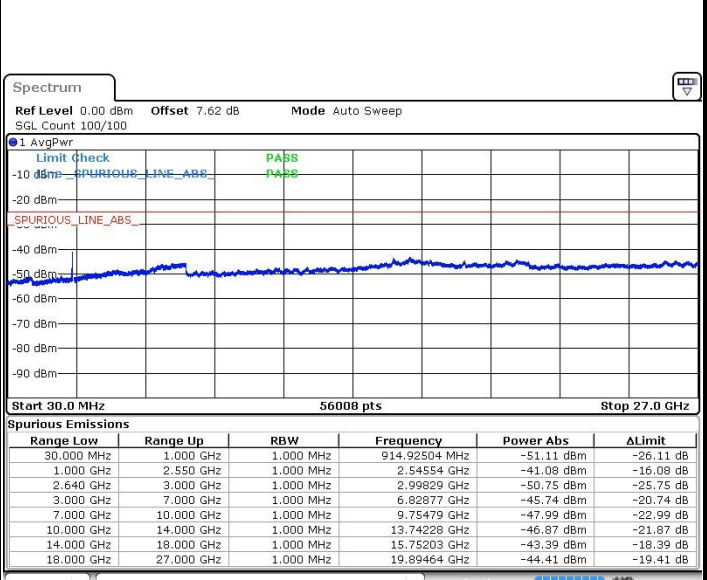
LTE Band 38 / 10MHz

Lowest Channel / QPSK



Date: 4 FEB 2017 09:25:08

Lowest Channel / 16QAM



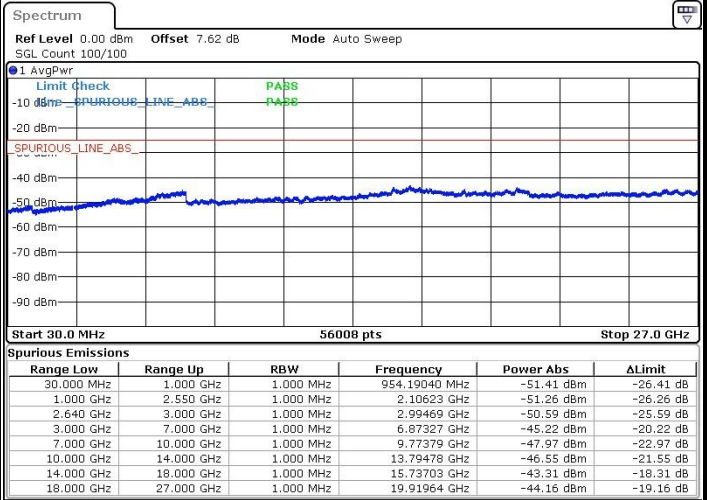
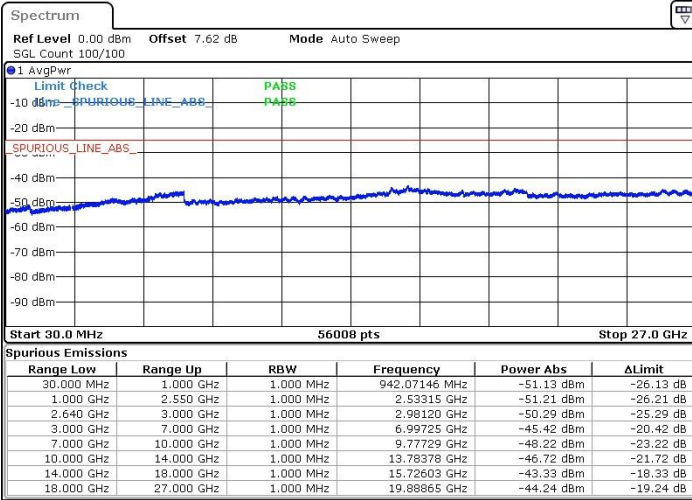
Date: 4 FEB 2017 09:24:17



LTE Band 38 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

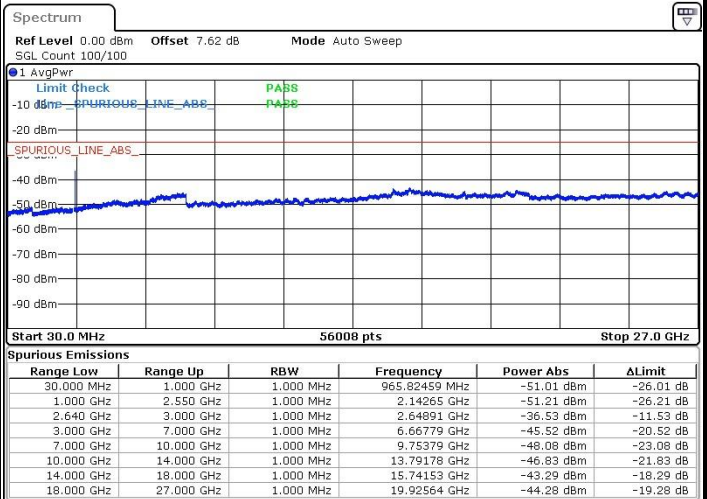
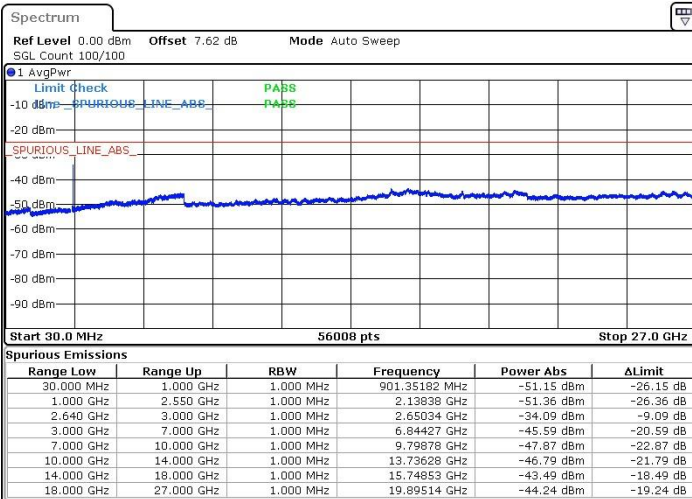


Date: 4 FEB 2017 09:25:58

Date: 4 FEB 2017 09:26:45

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 4 FEB 2017 09:28:46

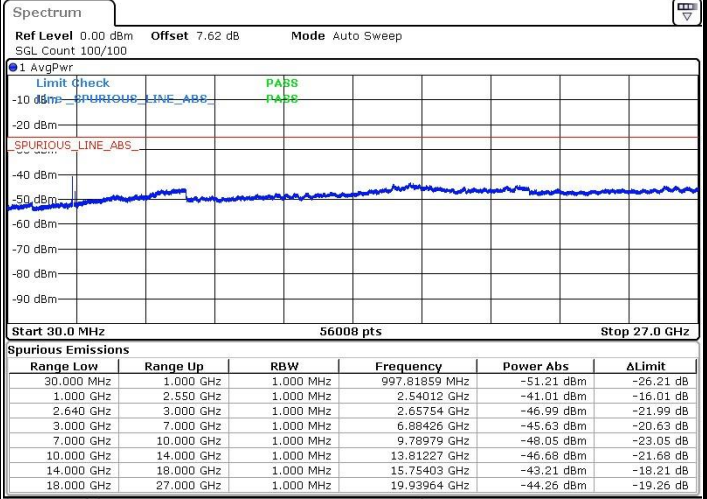
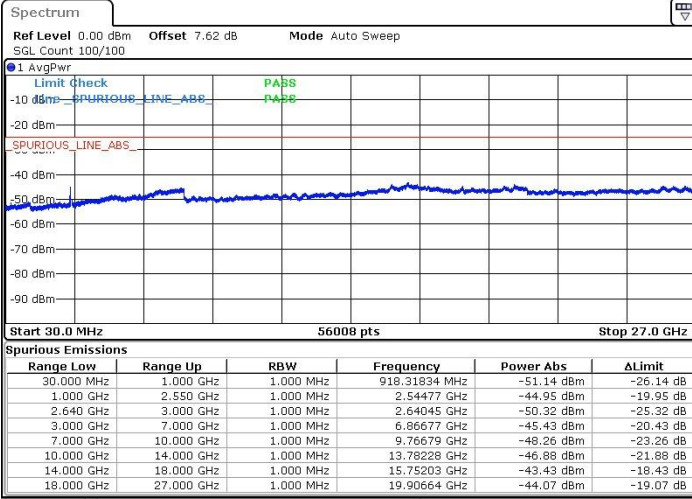
Date: 4 FEB 2017 09:27:50



LTE Band 38 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

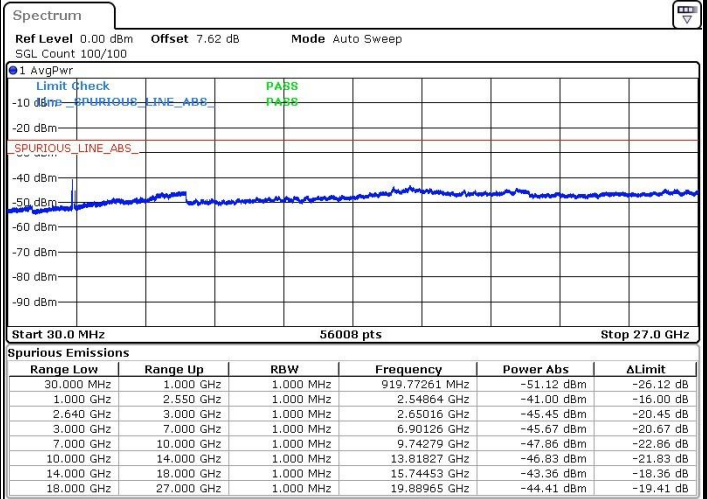
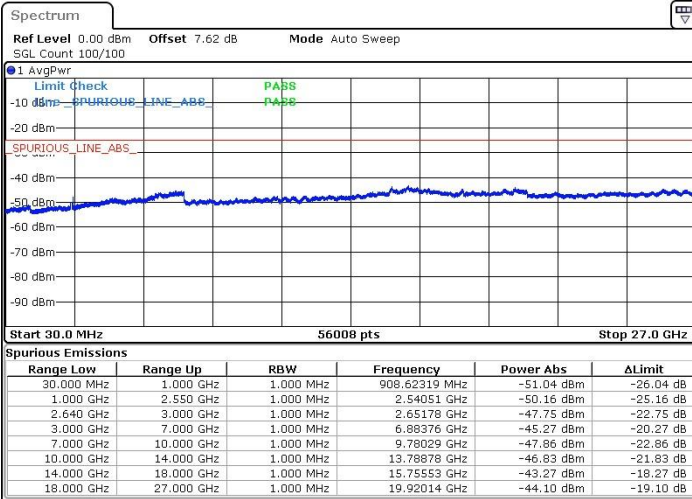


Date: 4 FEB 2017 09:19:08

Date: 4 FEB 2017 09:19:58

Middle Channel / QPSK

Middle Channel / 16QAM



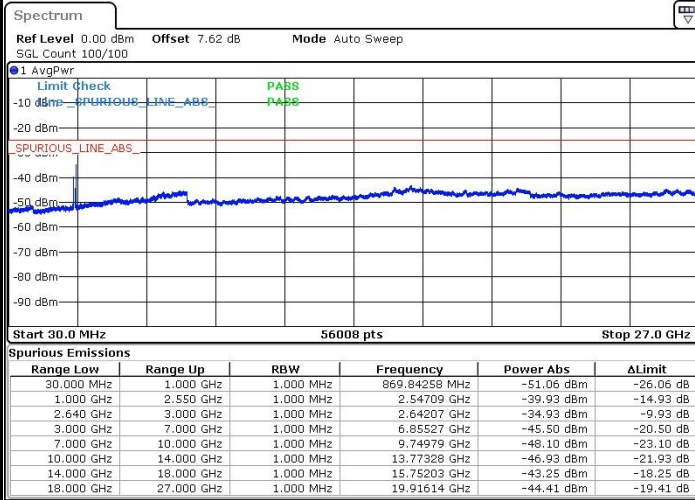
Date: 4 FEB 2017 09:21:35

Date: 4 FEB 2017 09:20:46



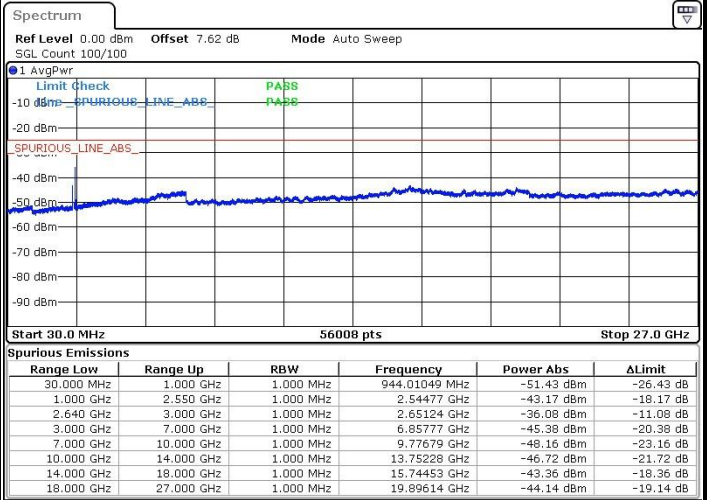
LTE Band 38 / 15MHz

Highest Channel / QPSK



Date: 4 FEB 2017 09:22:34

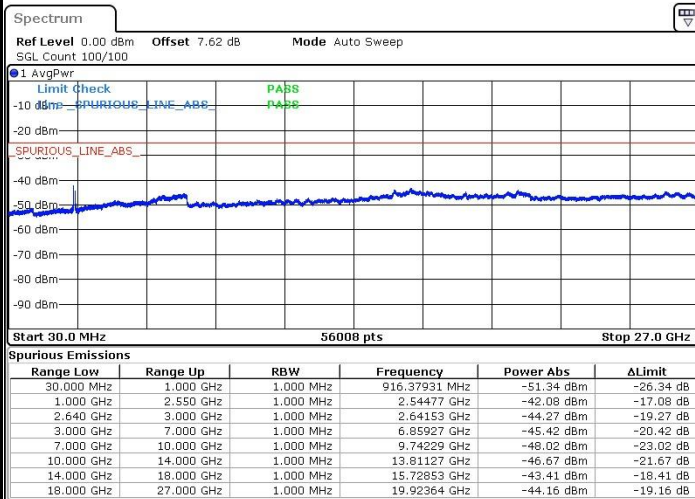
Highest Channel / 16QAM



Date: 4 FEB 2017 09:23:26

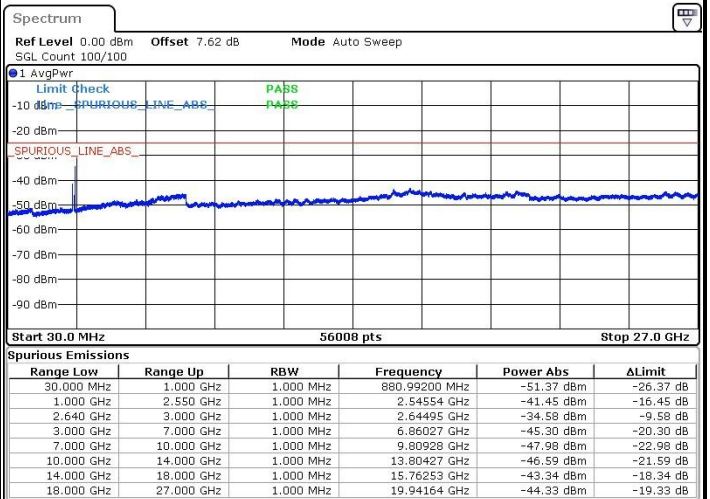
LTE Band 38 / 20MHz

Lowest Channel / QPSK



Date: 4 FEB 2017 09:18:12

Lowest Channel / 16QAM



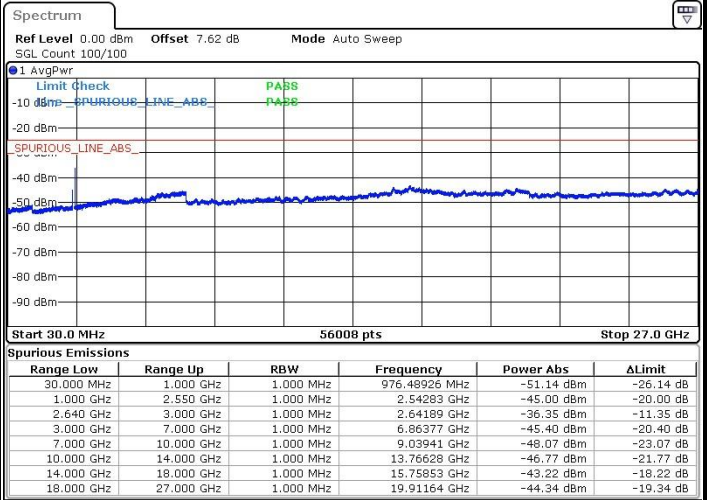
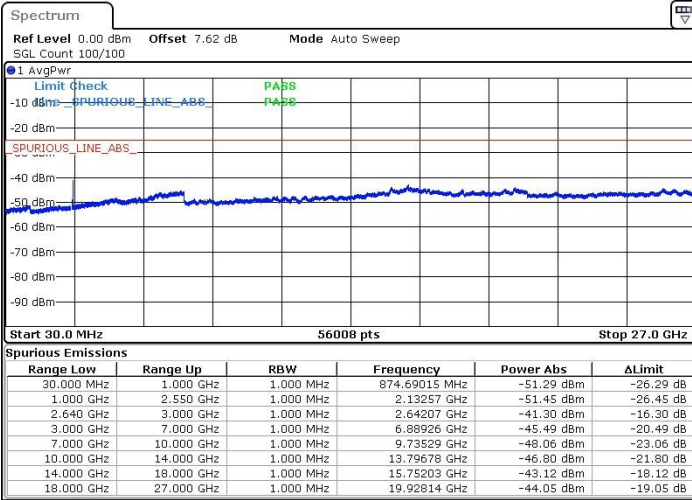
Date: 4 FEB 2017 09:17:17



LTE Band 38 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

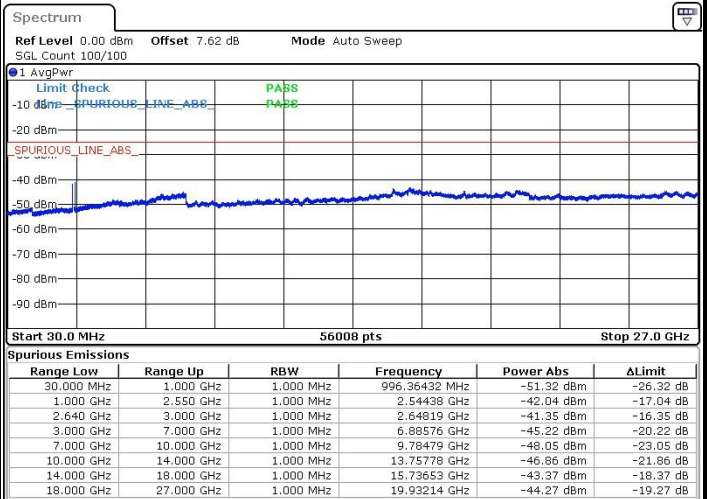
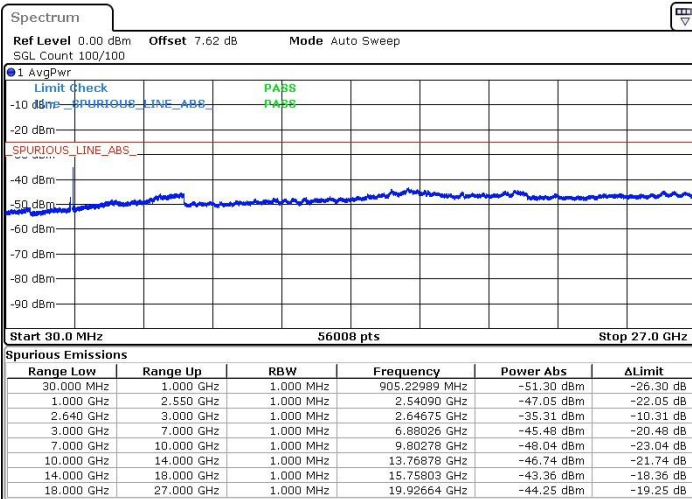


Date: 4 FEB 2017 09:15:22

Date: 4 FEB 2017 09:16:19

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 4 FEB 2017 09:14:29

Date: 4 FEB 2017 09:13:36



Frequency Stability

| Test Conditions | | LTE Band 4 (QPSK) / Middle Channel | Limit |
|------------------|-------------------|------------------------------------|---------|
| Temperature (°C) | Voltage (Volt) | BW 10MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0028 | PASS |
| 40 | Normal Voltage | 0.0021 | |
| 30 | Normal Voltage | 0.0001 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0014 | |
| 0 | Normal Voltage | 0.0003 | |
| -10 | Normal Voltage | 0.0016 | |
| -20 | Normal Voltage | 0.0002 | |
| -30 | Normal Voltage | 0.0003 | |
| 20 | Maximum Voltage | 0.0021 | |
| 20 | Normal Voltage | 0.0025 | |
| 20 | Battery End Point | 0.0005 | |

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.35 V.
2. 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 | 0.0018 | PASS |
| 40 | Normal Voltage | 0.0011 | |
| 30 | Normal Voltage | 0.0017 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0022 | |
| 0 | Normal Voltage | 0.0026 | |
| -10 | Normal Voltage | 0.0025 | |
| -20 | Normal Voltage | 0.0014 | |
| -30 | Normal Voltage | 0.0019 | |
| 20 | Maximum Voltage | 0.0013 | |
| 20 | Normal Voltage | 0.0016 | |
| 20 | Battery End Point | 0.0024 | |

Note: Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.35 V.



| Test Conditions | | LTE Band 7 (QPSK) / Middle Channel | Limit |
|------------------|-------------------|------------------------------------|---------|
| Temperature (°C) | Voltage (Volt) | BW 10MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0015 | PASS |
| 40 | Normal Voltage | 0.0006 | |
| 30 | Normal Voltage | 0.0013 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0005 | |
| 0 | Normal Voltage | 0.0009 | |
| -10 | Normal Voltage | 0.0007 | |
| -20 | Normal Voltage | 0.0006 | |
| -30 | Normal Voltage | 0.0003 | |
| 20 | Maximum Voltage | 0.0006 | |
| 20 | Normal Voltage | 0.0007 | |
| 20 | Battery End Point | 0.0002 | |

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.35 V.
2. 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 | 0.0007 | PASS |
| 40 | Normal Voltage | 0.0002 | |
| 30 | Normal Voltage | 0.0008 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0008 | |
| 0 | Normal Voltage | 0.0007 | |
| -10 | Normal Voltage | 0.0005 | |
| -20 | Normal Voltage | 0.0002 | |
| -30 | Normal Voltage | 0.0002 | |
| 20 | Maximum Voltage | 0.0008 | |
| 20 | Normal Voltage | 0.0003 | |
| 20 | Battery End Point | 0.0003 | |

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.6V. ; Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

| LTE Band 4 / 1.4MHz / QPSK / RB Size 1 Offset 0 | | | | | | | | | |
|---|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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 | 3465 | -64.59 | -13 | -51.59 | -73.49 | -68.56 | 4.87 | 8.84 | H |
| | 5196 | -64.01 | -13 | -51.01 | -74.94 | -65.45 | 7.70 | 9.14 | H |
| | 6927 | -53.62 | -13 | -40.62 | -72.09 | -55.30 | 8.98 | 10.66 | H |
| | 3465 | -61.18 | -13 | -48.18 | -72.8 | -65.15 | 4.87 | 8.84 | V |
| | 5196 | -61.41 | -13 | -48.41 | -75.46 | -62.85 | 7.70 | 9.14 | V |
| | 6927 | -54.84 | -13 | -41.84 | -72.86 | -56.52 | 8.98 | 10.66 | V |

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

| LTE Band 4 / 3MHz / QPSK / RB Size 1 Offset 0 | | | | | | | | | |
|---|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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 | -62.39 | -13 | -49.39 | -71.29 | -66.36 | 4.87 | 8.84 | H |
| | 5193 | -64.22 | -13 | -51.22 | -75.15 | -65.66 | 7.70 | 9.14 | H |
| | 6924 | -53.33 | -13 | -40.33 | -71.80 | -55.01 | 8.98 | 10.66 | H |
| | 3462 | -60.30 | -13 | -47.30 | -71.92 | -64.27 | 4.87 | 8.84 | V |
| | 5193 | -61.14 | -13 | -48.14 | -75.19 | -62.58 | 7.70 | 9.14 | V |
| | 6924 | -54.69 | -13 | -41.69 | -72.71 | -56.37 | 8.98 | 10.66 | V |

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



| LTE Band 4 / 5MHz / QPSK / RB Size 1 Offset 0 | | | | | | | | | |
|---|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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 | 3459 | -63.63 | -13 | -50.63 | -72.53 | -67.60 | 4.87 | 8.84 | H |
| | 5190 | -64.25 | -13 | -51.25 | -75.18 | -65.69 | 7.70 | 9.14 | H |
| | 6921 | -53.99 | -13 | -40.99 | -72.46 | -55.67 | 8.98 | 10.66 | H |
| | 3459 | -60.90 | -13 | -47.90 | -72.52 | -64.87 | 4.87 | 8.84 | V |
| | 5190 | -62.09 | -13 | -49.09 | -76.14 | -63.53 | 7.70 | 9.14 | V |
| | 6921 | -55.16 | -13 | -42.16 | -73.18 | -56.84 | 8.98 | 10.66 | V |

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

| LTE Band 4 / 10MHz / QPSK / RB Size 1 Offset 0 | | | | | | | | | |
|--|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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 | -58.81 | -13 | -45.81 | -67.71 | -62.78 | 4.87 | 8.84 | H |
| | 5184 | -63.12 | -13 | -50.12 | -74.05 | -64.56 | 7.70 | 9.14 | H |
| | 6912 | -48.88 | -13 | -35.88 | -67.35 | -50.56 | 8.98 | 10.66 | H |
| | 3456 | -59.73 | -13 | -46.73 | -71.35 | -63.70 | 4.87 | 8.84 | V |
| | 5184 | -53.74 | -13 | -40.74 | -67.79 | -55.18 | 7.70 | 9.14 | V |
| | 6912 | -54.37 | -13 | -41.37 | -72.39 | -56.05 | 8.98 | 10.66 | V |

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



| LTE Band 4 / 15MHz / QPSK / RB Size 1 Offset 0 | | | | | | | | | |
|--|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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 | 3450 | -61.67 | -13 | -48.67 | -70.57 | -65.64 | 4.87 | 8.84 | H |
| | 5178 | -61.86 | -13 | -48.86 | -72.79 | -63.30 | 7.70 | 9.14 | H |
| | 6903 | -48.32 | -13 | -35.32 | -66.79 | -50.00 | 8.98 | 10.66 | H |
| | 3450 | -61.24 | -13 | -48.24 | -72.86 | -65.21 | 4.87 | 8.84 | V |
| | 5178 | -60.89 | -13 | -47.89 | -74.94 | -62.33 | 7.70 | 9.14 | V |
| | 6903 | -53.13 | -13 | -40.13 | -71.15 | -54.81 | 8.98 | 10.66 | V |

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

| LTE Band 4 / 20MHz / QPSK / RB Size 1 Offset 0 | | | | | | | | | |
|--|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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 | -59.24 | -13 | -46.24 | -68.14 | -63.21 | 4.87 | 8.84 | H |
| | 5172 | -63.54 | -13 | -50.54 | -74.47 | -64.98 | 7.70 | 9.14 | H |
| | 6894 | -46.89 | -13 | -33.89 | -65.36 | -48.57 | 8.98 | 10.66 | H |
| | 3447 | -59.87 | -13 | -46.87 | -71.49 | -63.84 | 4.87 | 8.84 | V |
| | 5172 | -61.34 | -13 | -48.34 | -75.39 | -62.78 | 7.70 | 9.14 | V |
| | 6894 | -53.87 | -13 | -40.87 | -71.89 | -55.55 | 8.98 | 10.66 | V |

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



| LTE Band 5 / 1.4MHz / QPSK / RB Size 1 Offset 0 | | | | | | | | | |
|---|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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 | 1672 | -61.74 | -13 | -48.74 | -64.34 | -64.06 | 1.33 | 5.80 | H |
| | 2508 | -43.54 | -13 | -30.54 | -55.35 | -46.71 | 1.58 | 6.90 | H |
| | 3342 | -67.02 | -13 | -54.02 | -76.23 | -70.52 | 1.85 | 7.50 | H |
| | 1672 | -67.01 | -13 | -54.01 | -68.88 | -69.33 | 1.33 | 5.80 | V |
| | 2508 | -50.98 | -13 | -37.98 | -60.10 | -54.15 | 1.58 | 6.90 | V |
| | 3342 | -68.08 | -13 | -55.08 | -77.10 | -71.58 | 1.85 | 7.50 | V |

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

| LTE Band 5 / 3MHz / QPSK / RB Size 1 Offset 0 | | | | | | | | | |
|---|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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 | -62.85 | -13 | -49.85 | -65.45 | -65.17 | 1.33 | 5.80 | H |
| | 2506 | -46.30 | -13 | -33.30 | -57.57 | -49.47 | 1.58 | 6.90 | H |
| | 3342 | -68.04 | -13 | -55.04 | -77.25 | -71.54 | 1.85 | 7.50 | H |
| | 1670 | -67.94 | -13 | -54.94 | -69.81 | -70.26 | 1.33 | 5.80 | V |
| | 2506 | -53.56 | -13 | -40.56 | -61.61 | -56.73 | 1.58 | 6.90 | V |
| | 3342 | -67.67 | -13 | -54.67 | -76.69 | -71.17 | 1.85 | 7.50 | V |

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



| LTE Band 5 / 5MHz / QPSK / RB Size 1 Offset 0 | | | | | | | | | |
|---|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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 | -60.88 | -13 | -47.88 | -63.48 | -63.20 | 1.33 | 5.80 | H |
| | 2502 | -43.17 | -13 | -30.17 | -55.01 | -46.34 | 1.58 | 6.90 | H |
| | 3336 | -67.08 | -13 | -54.08 | -76.29 | -70.58 | 1.85 | 7.50 | H |
| | 1668 | -66.86 | -13 | -53.86 | -68.73 | -69.18 | 1.33 | 5.80 | V |
| | 2502 | -52.00 | -13 | -39.00 | -60.81 | -55.17 | 1.58 | 6.90 | V |
| | 3336 | -68.45 | -13 | -55.45 | -77.47 | -71.95 | 1.85 | 7.50 | V |

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

| LTE Band 5 / 10MHz / QPSK / RB Size 1 Offset 0 | | | | | | | | | |
|--|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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 | -60.31 | -13 | -47.31 | -62.91 | -62.63 | 1.33 | 5.80 | H |
| | 2496 | -42.44 | -13 | -29.44 | -54.43 | -45.61 | 1.58 | 6.90 | H |
| | 3328 | -67.96 | -13 | -54.96 | -77.17 | -71.46 | 1.85 | 7.50 | H |
| | 1664 | -66.95 | -13 | -53.95 | -68.82 | -69.27 | 1.33 | 5.80 | V |
| | 2496 | -49.39 | -13 | -36.39 | -59.06 | -52.56 | 1.58 | 6.90 | V |
| | 3328 | -68.56 | -13 | -55.56 | -77.58 | -72.06 | 1.85 | 7.50 | V |

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



| LTE Band 7 / 5MHz / QPSK / RB Size 1 Offset 0 | | | | | | | | | |
|---|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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 | 5064 | -63.14 | -25 | -38.14 | -72.36 | -69.70 | 2.41 | 8.97 | H |
| | 7600 | -60.24 | -25 | -35.24 | -73.94 | -69.24 | 2.86 | 11.86 | H |
| | 10132 | -57.49 | -25 | -32.49 | -75.84 | -66.39 | 3.21 | 12.11 | H |
| | 5064 | -62.62 | -25 | -37.62 | -71.33 | -69.18 | 2.41 | 8.97 | V |
| | 7600 | -54.56 | -25 | -29.56 | -69.19 | -63.56 | 2.86 | 11.86 | V |
| | 10132 | -56.58 | -25 | -31.58 | -75.98 | -65.48 | 3.21 | 12.11 | V |

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

| LTE Band 7 / 10MHz / QPSK / RB Size 1 Offset 0 | | | | | | | | | |
|--|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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 | -64.19 | -25 | -39.19 | -73.41 | -70.75 | 2.41 | 8.97 | H |
| | 7592 | -57.74 | -25 | -32.74 | -71.44 | -66.74 | 2.86 | 11.86 | H |
| | 10123 | -57.86 | -25 | -32.86 | -76.21 | -66.76 | 3.21 | 12.11 | H |
| | 5061 | -62.92 | -25 | -37.92 | -71.63 | -69.48 | 2.41 | 8.97 | V |
| | 7592 | -53.35 | -25 | -28.35 | -67.98 | -62.35 | 2.86 | 11.86 | V |
| | 10123 | -56.92 | -25 | -31.92 | -76.32 | -65.82 | 3.21 | 12.11 | V |

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



| LTE Band 7 / 15MHz / QPSK / RB Size 1 Offset 0 | | | | | | | | | |
|--|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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 | -63.44 | -25 | -38.44 | -72.66 | -70.00 | 2.41 | 8.97 | H |
| | 7584 | -57.81 | -25 | -32.81 | -71.51 | -66.81 | 2.86 | 11.86 | H |
| | 10113 | -57.48 | -25 | -32.48 | -75.83 | -66.38 | 3.21 | 12.11 | H |
| | 5056 | -60.56 | -25 | -35.56 | -69.27 | -67.12 | 2.41 | 8.97 | V |
| | 7584 | -52.93 | -25 | -27.93 | -67.56 | -61.93 | 2.86 | 11.86 | V |
| | 10113 | -56.56 | -25 | -31.56 | -75.96 | -65.46 | 3.21 | 12.11 | V |

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

| LTE Band 7 / 20MHz / QPSK / RB Size 1 Offset 0 | | | | | | | | | |
|--|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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 | -63.07 | -25 | -38.07 | -72.29 | -69.63 | 2.41 | 8.97 | H |
| | 7578 | -59.91 | -25 | -34.91 | -73.61 | -68.91 | 2.86 | 11.86 | H |
| | 10104 | -57.60 | -25 | -32.60 | -75.95 | -66.50 | 3.21 | 12.11 | H |
| | 5052 | -63.14 | -25 | -38.14 | -71.85 | -69.70 | 2.41 | 8.97 | V |
| | 7578 | -55.84 | -25 | -30.84 | -70.47 | -64.84 | 2.86 | 11.86 | V |
| | 10104 | -57.42 | -25 | -32.42 | -76.82 | -66.32 | 3.21 | 12.11 | V |

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



| LTE Band 38 / 5MHz / QPSK / RB Size 1 Offset 0 | | | | | | | | | |
|--|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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 | 5184 | -63.76 | -25 | -38.76 | -72.98 | -70.32 | 2.41 | 8.97 | H |
| | 7780 | -60.50 | -25 | -35.50 | -74.20 | -69.50 | 2.86 | 11.86 | H |
| | 10368 | -57.31 | -25 | -32.31 | -75.66 | -66.21 | 3.21 | 12.11 | H |
| | 5184 | -63.61 | -25 | -38.61 | -72.32 | -70.17 | 2.41 | 8.97 | V |
| | 7780 | -60.17 | -25 | -35.17 | -74.8 | -69.17 | 2.86 | 11.86 | V |
| | 10368 | -55.41 | -25 | -30.41 | -74.81 | -64.31 | 3.21 | 12.11 | V |

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

| LTE Band 38 / 10MHz / QPSK / RB Size 1 Offset 0 | | | | | | | | | |
|---|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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 | 5180 | -64.29 | -25 | -39.29 | -73.51 | -70.85 | 2.41 | 8.97 | H |
| | 7772 | -59.26 | -25 | -34.26 | -72.96 | -68.26 | 2.86 | 11.86 | H |
| | 10359 | -57.74 | -25 | -32.74 | -76.09 | -66.64 | 3.21 | 12.11 | H |
| | 5180 | -64.56 | -25 | -39.56 | -73.27 | -71.12 | 2.41 | 8.97 | V |
| | 7772 | -57.73 | -25 | -32.73 | -72.36 | -66.73 | 2.86 | 11.86 | V |
| | 10359 | -55.95 | -25 | -30.95 | -75.35 | -64.85 | 3.21 | 12.11 | V |

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



| LTE Band 38 / 15MHz / QPSK / RB Size 1 Offset 0 | | | | | | | | | |
|---|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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 | -62.90 | -25 | -37.90 | -72.12 | -69.46 | 2.41 | 8.97 | H |
| | 7764 | -60.18 | -25 | -35.18 | -73.88 | -69.18 | 2.86 | 11.86 | H |
| | 10350 | -57.87 | -25 | -32.87 | -76.22 | -66.77 | 3.21 | 12.11 | H |
| | 5176 | -65.07 | -25 | -40.07 | -73.78 | -71.63 | 2.41 | 8.97 | V |
| | 7764 | -60.09 | -25 | -35.09 | -74.72 | -69.09 | 2.86 | 11.86 | V |
| | 10350 | -56.37 | -25 | -31.37 | -75.77 | -65.27 | 3.21 | 12.11 | V |

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

| LTE Band 38 / 20MHz / QPSK / RB Size 1 Offset 0 | | | | | | | | | |
|---|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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 | -64.68 | -25 | -39.68 | -73.90 | -71.24 | 2.41 | 8.97 | H |
| | 7760 | -60.76 | -25 | -35.76 | -74.46 | -69.76 | 2.86 | 11.86 | H |
| | 10341 | -57.52 | -25 | -32.52 | -75.87 | -66.42 | 3.21 | 12.11 | H |
| | 5172 | -65.01 | -25 | -40.01 | -73.72 | -71.57 | 2.41 | 8.97 | V |
| | 7760 | -60.14 | -25 | -35.14 | -74.77 | -69.14 | 2.86 | 11.86 | V |
| | 10341 | -56.20 | -25 | -31.20 | -75.6 | -65.10 | 3.21 | 12.11 | V |

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