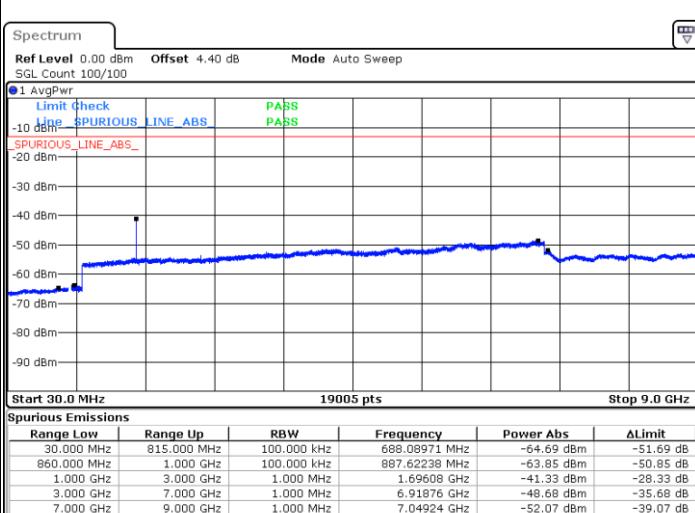
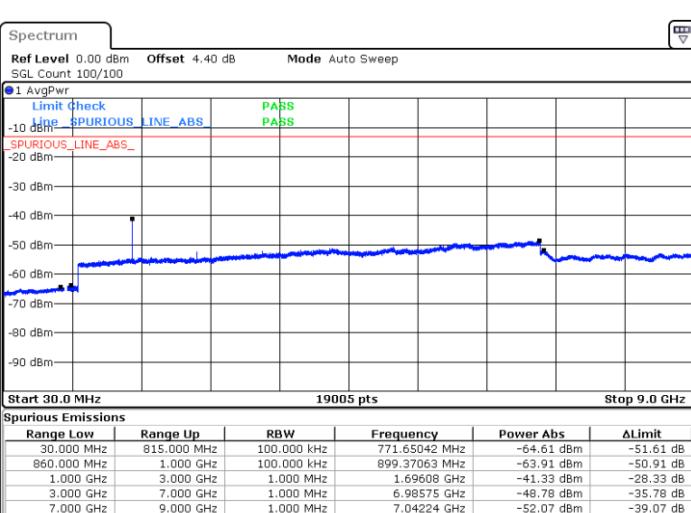




LTE Band 5 / 1.4MHz

Highest Channel / QPSK

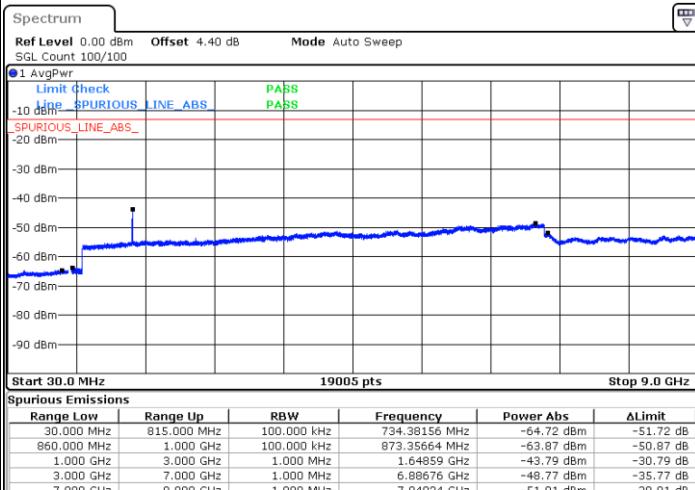
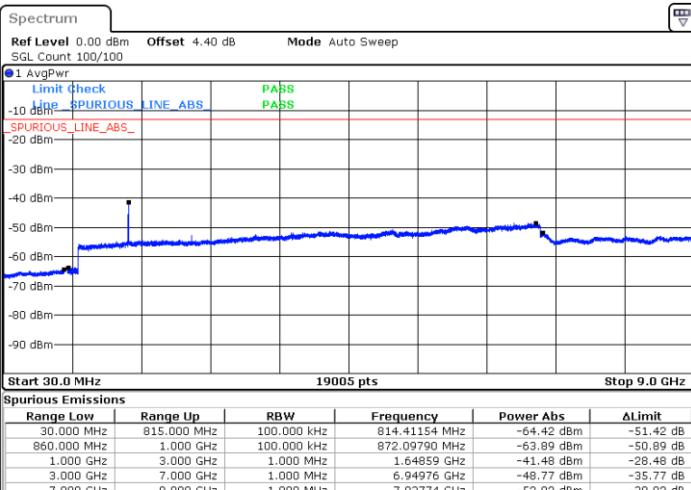
Highest Channel / 16QAM

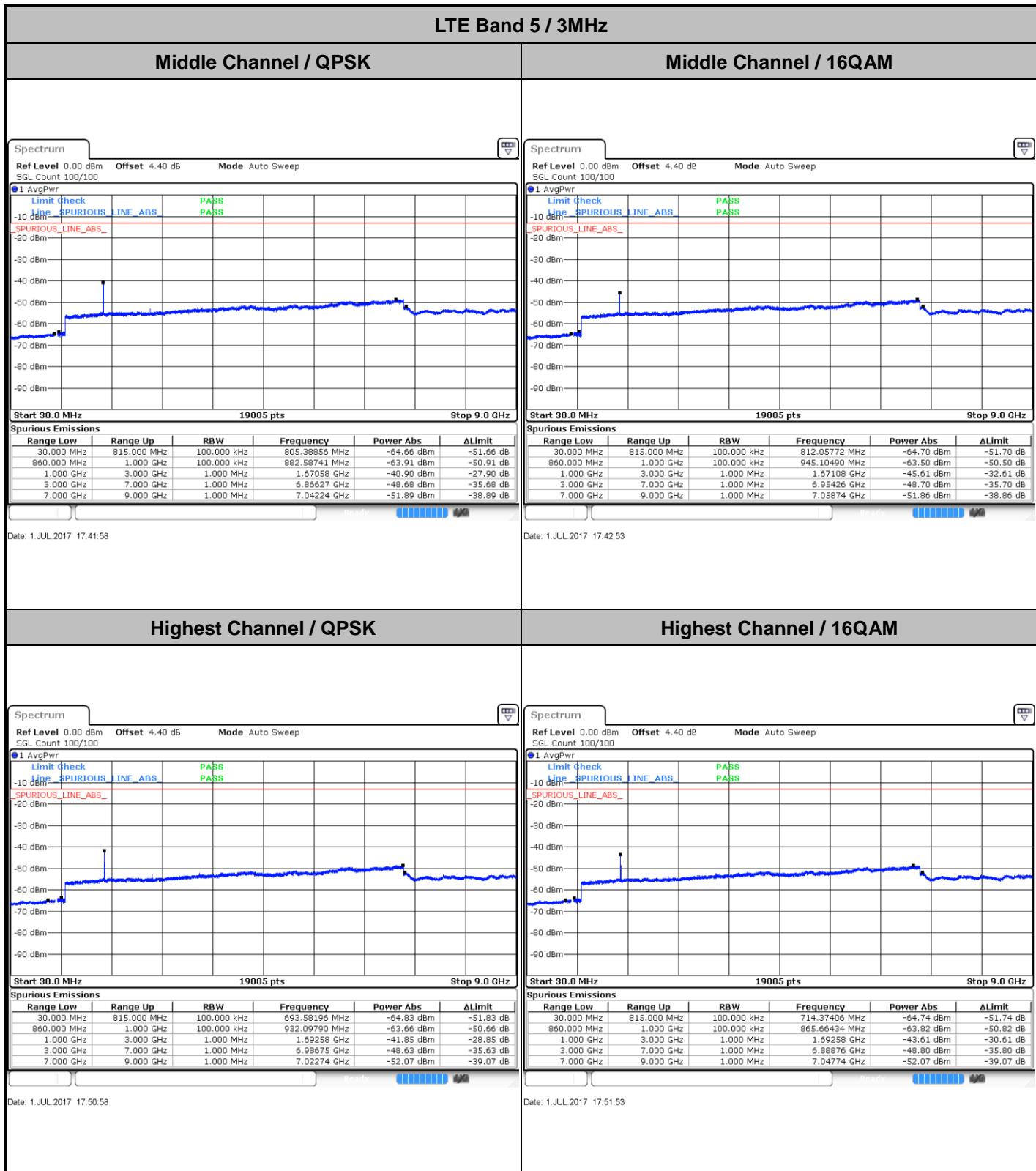


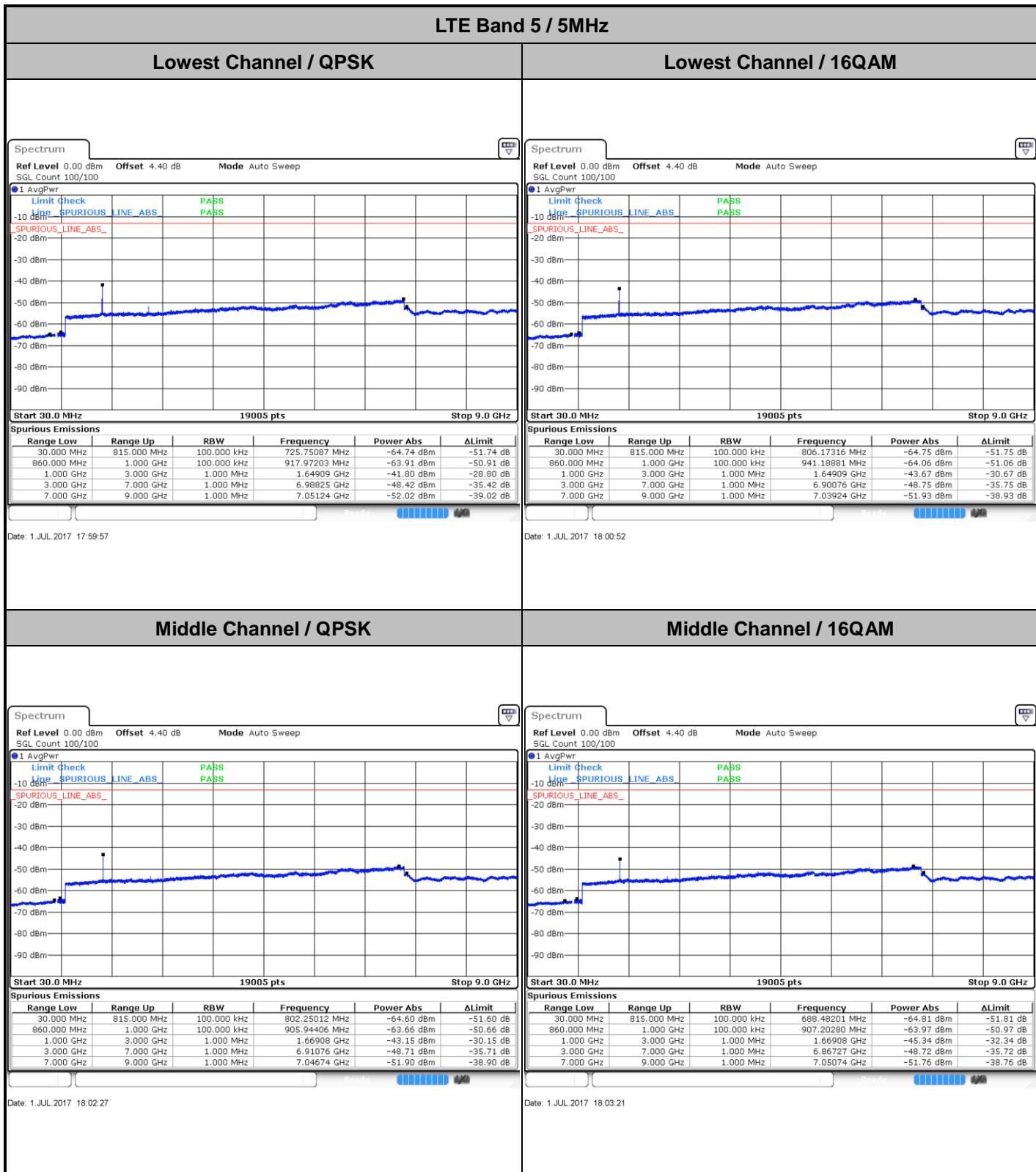
LTE Band 5 / 3MHz

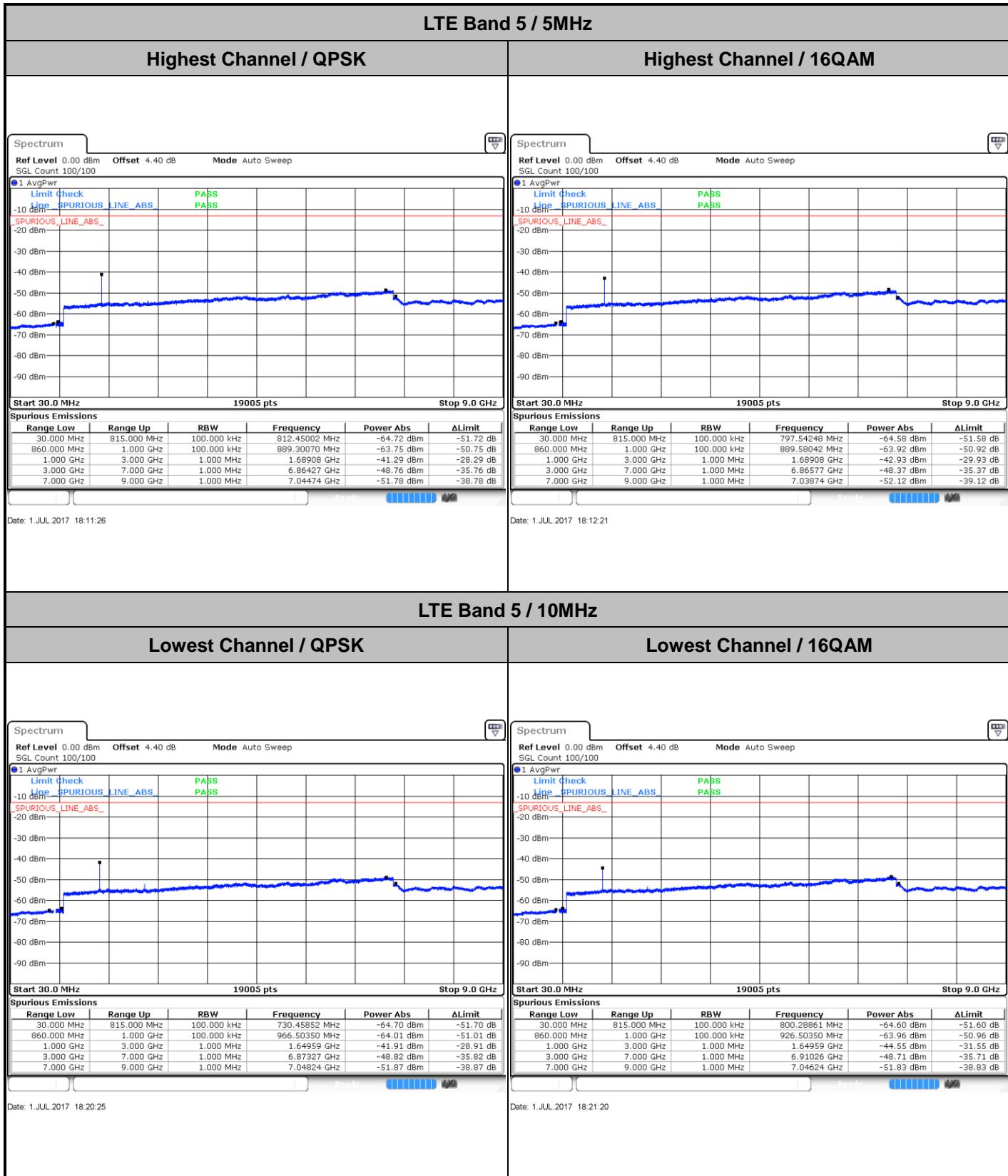
Lowest Channel / QPSK

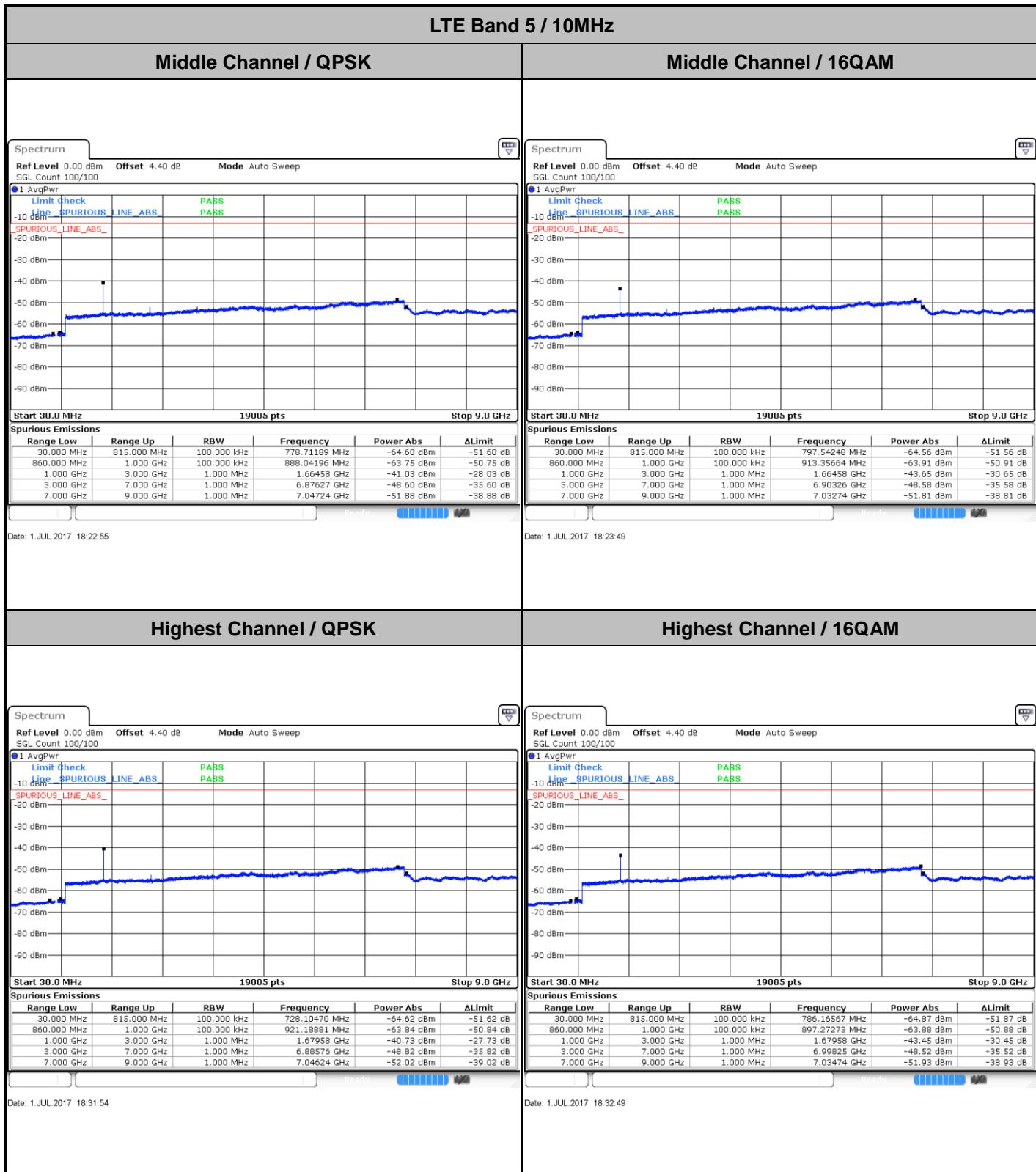
Lowest Channel / 16QAM

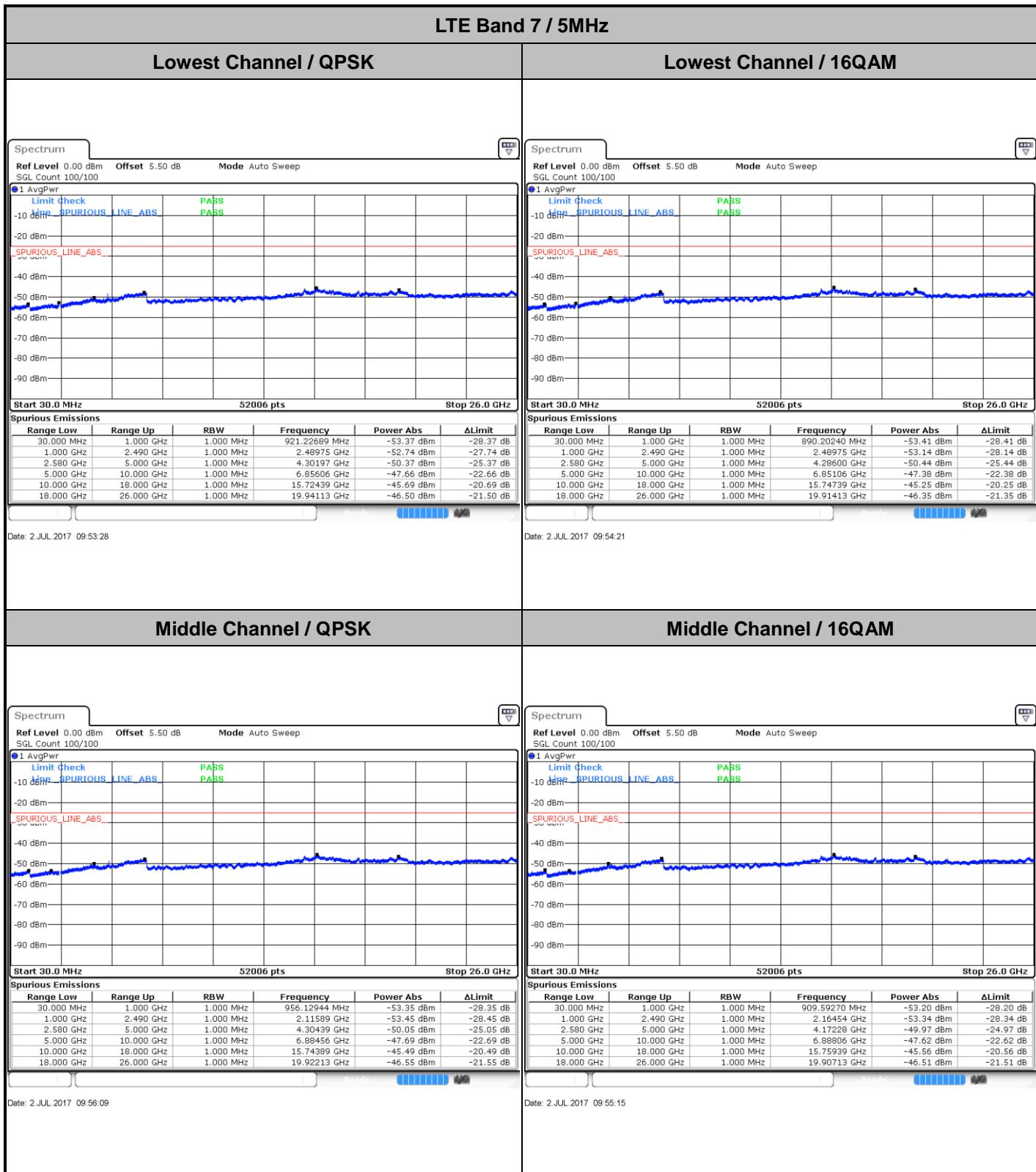


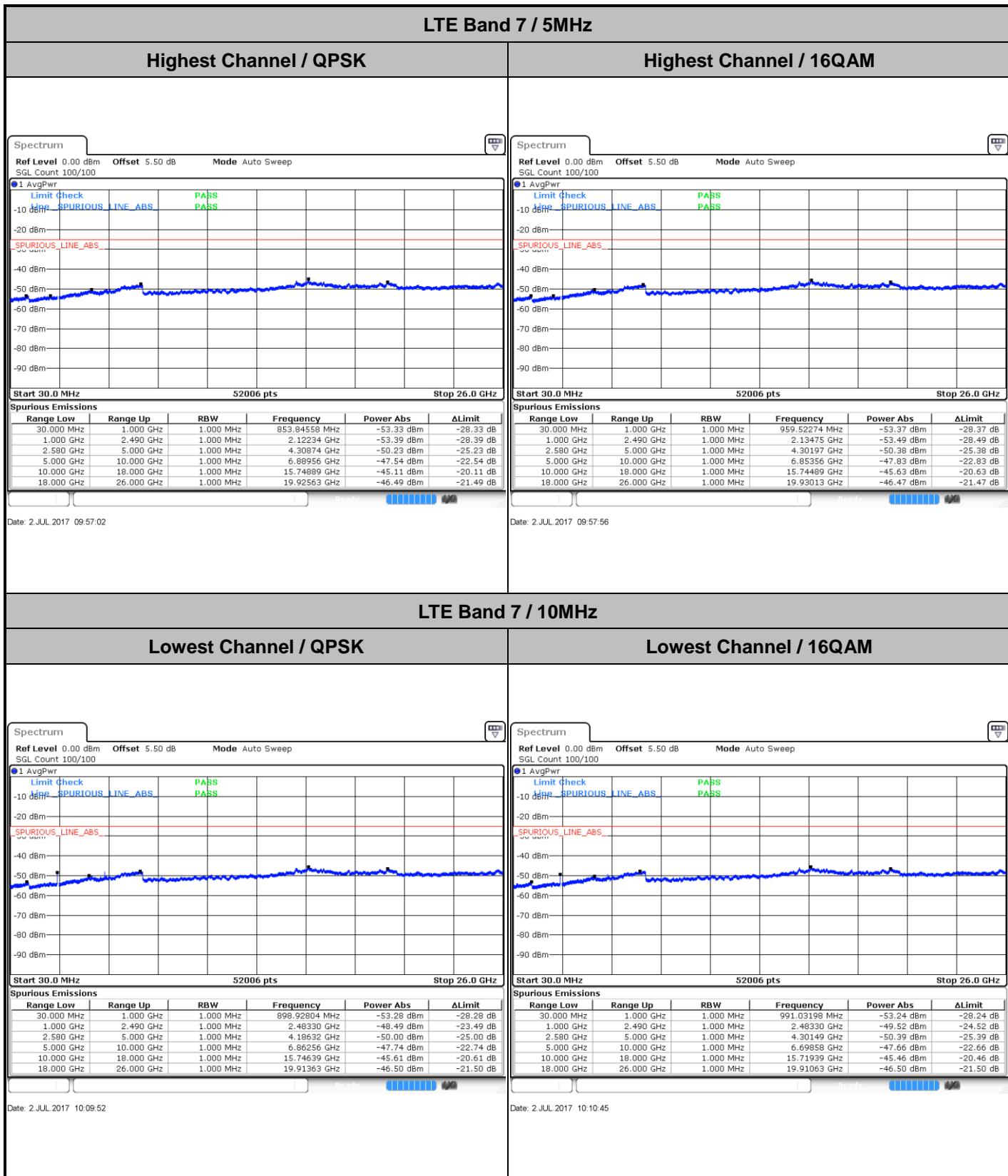


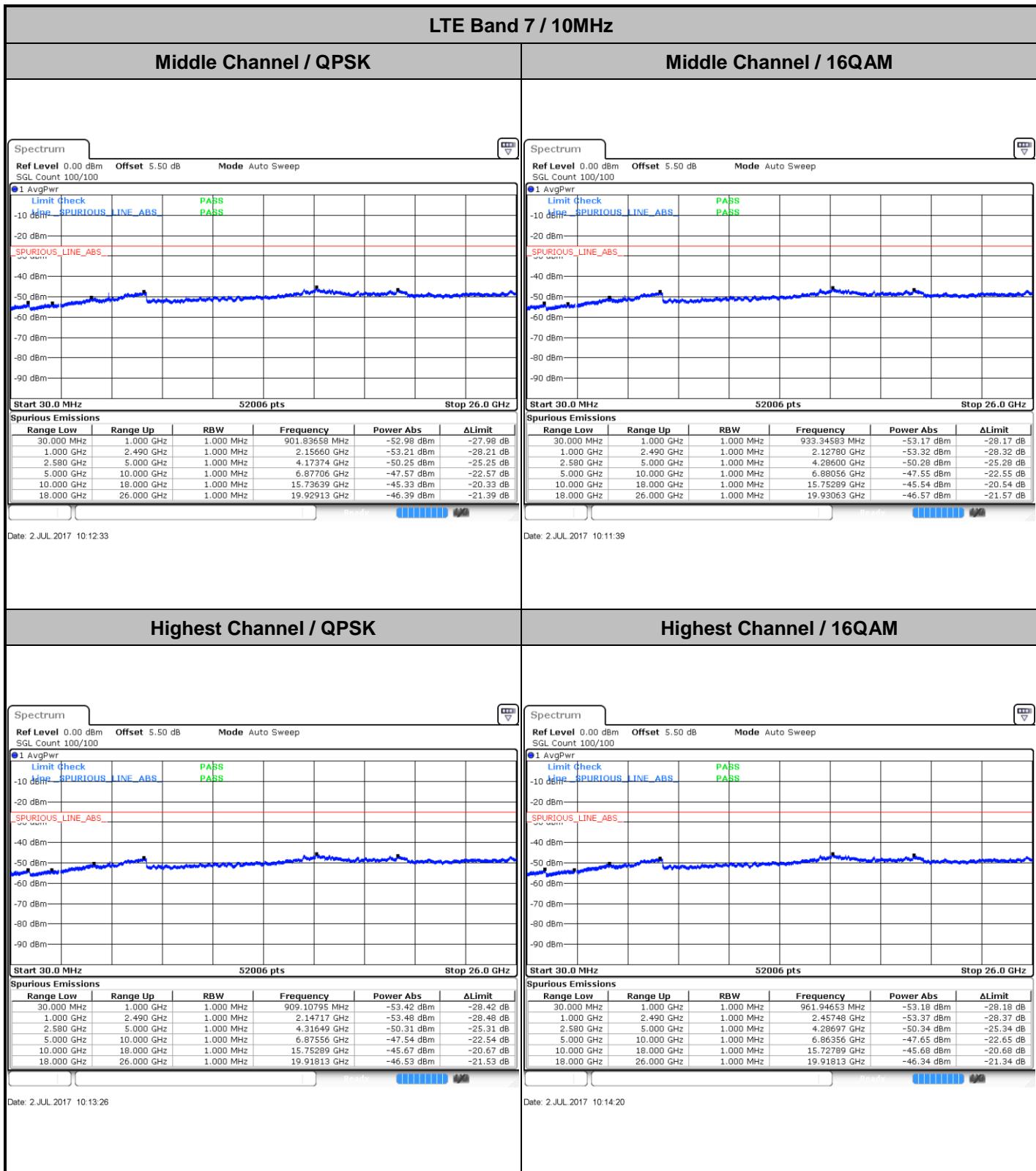


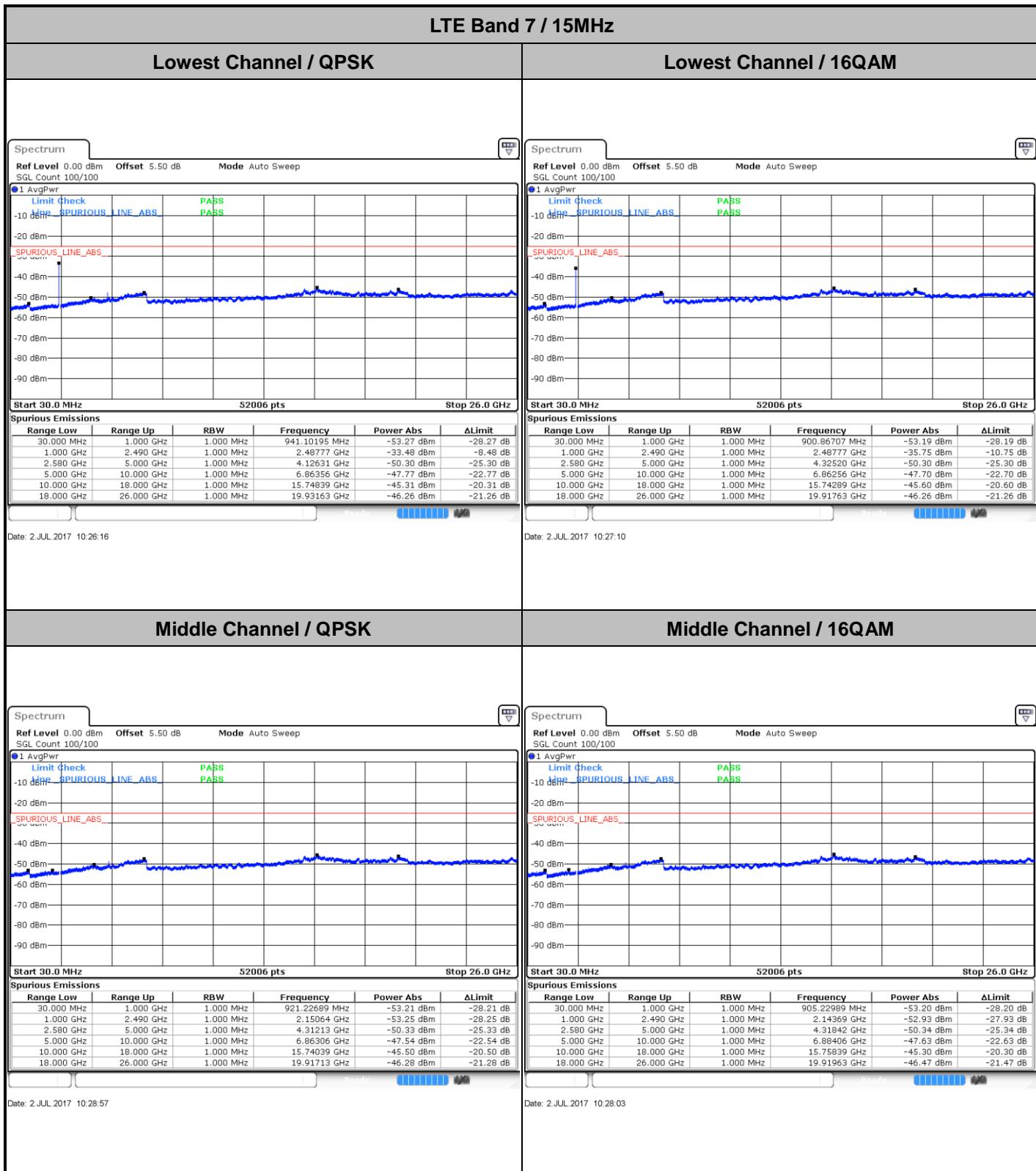










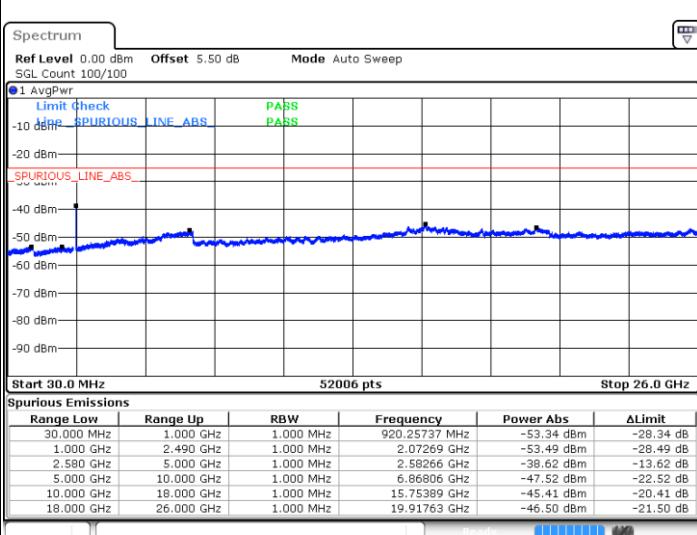
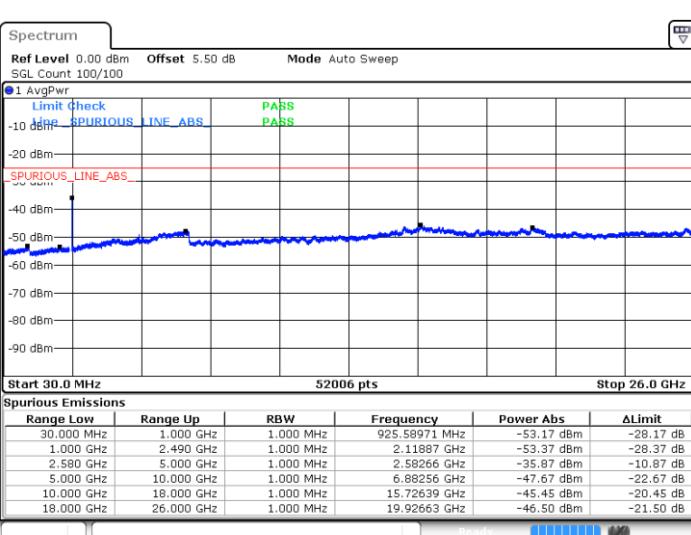




LTE Band7 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM

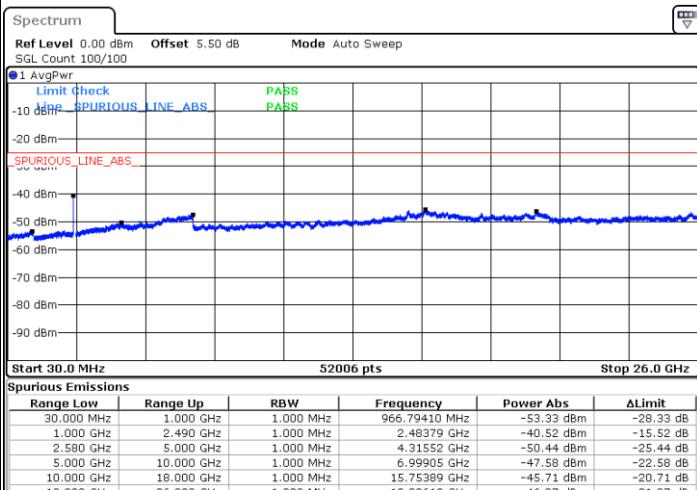
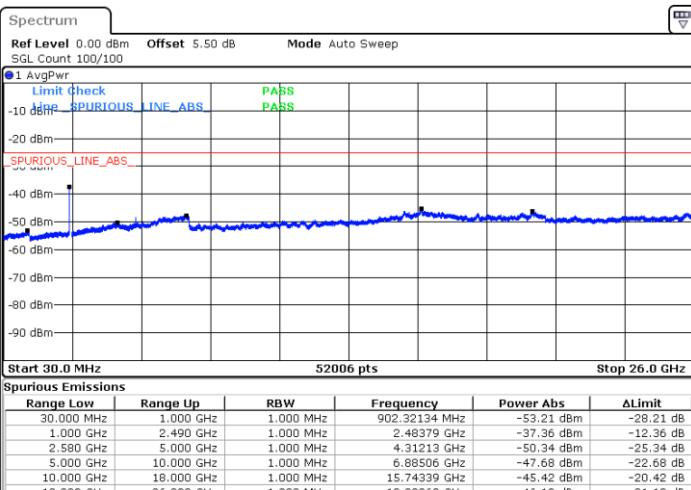


Date: 2.JUL.2017 10:29:51

LTE Band 7 / 20MHz

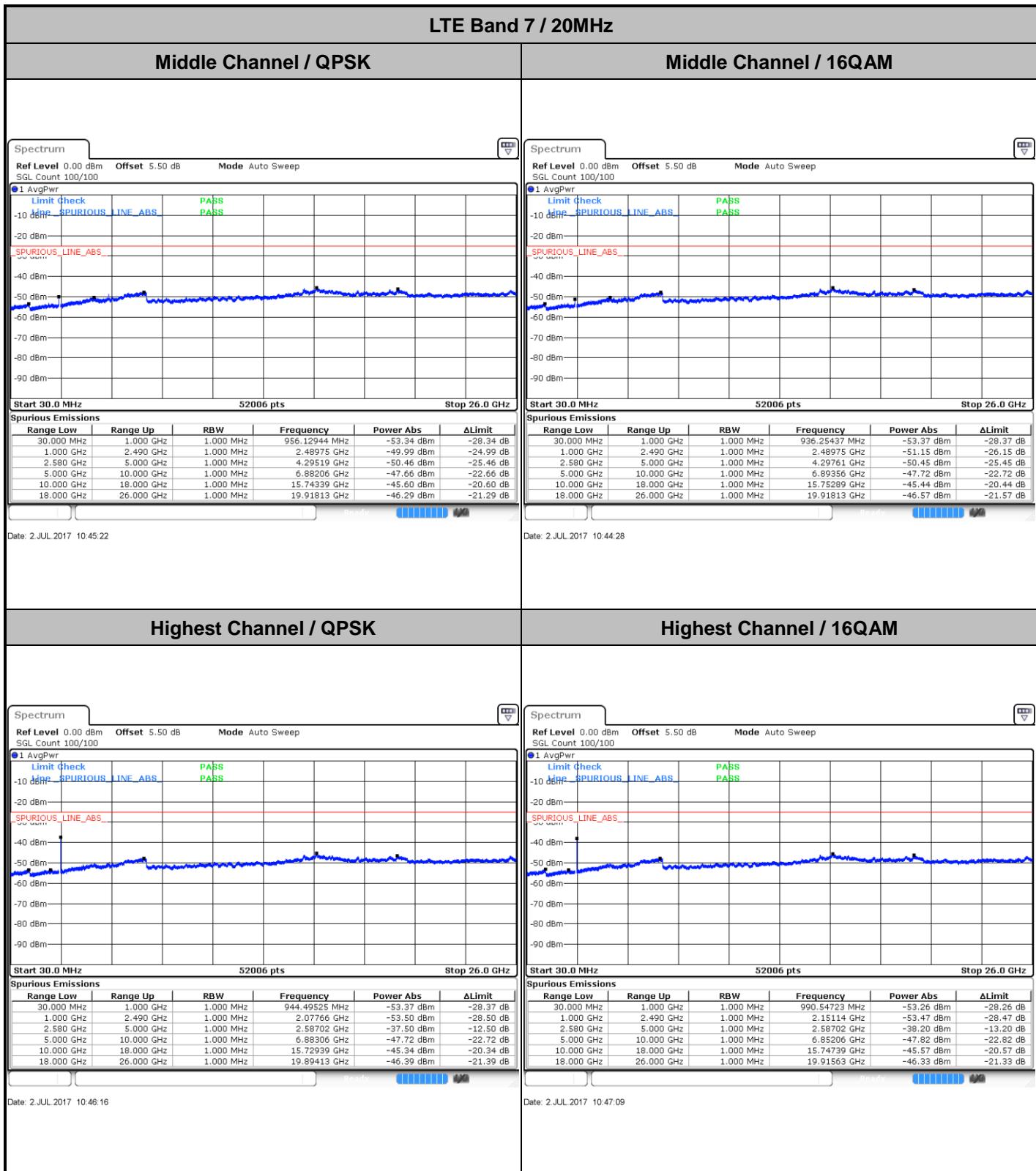
Lowest Channel / QPSK

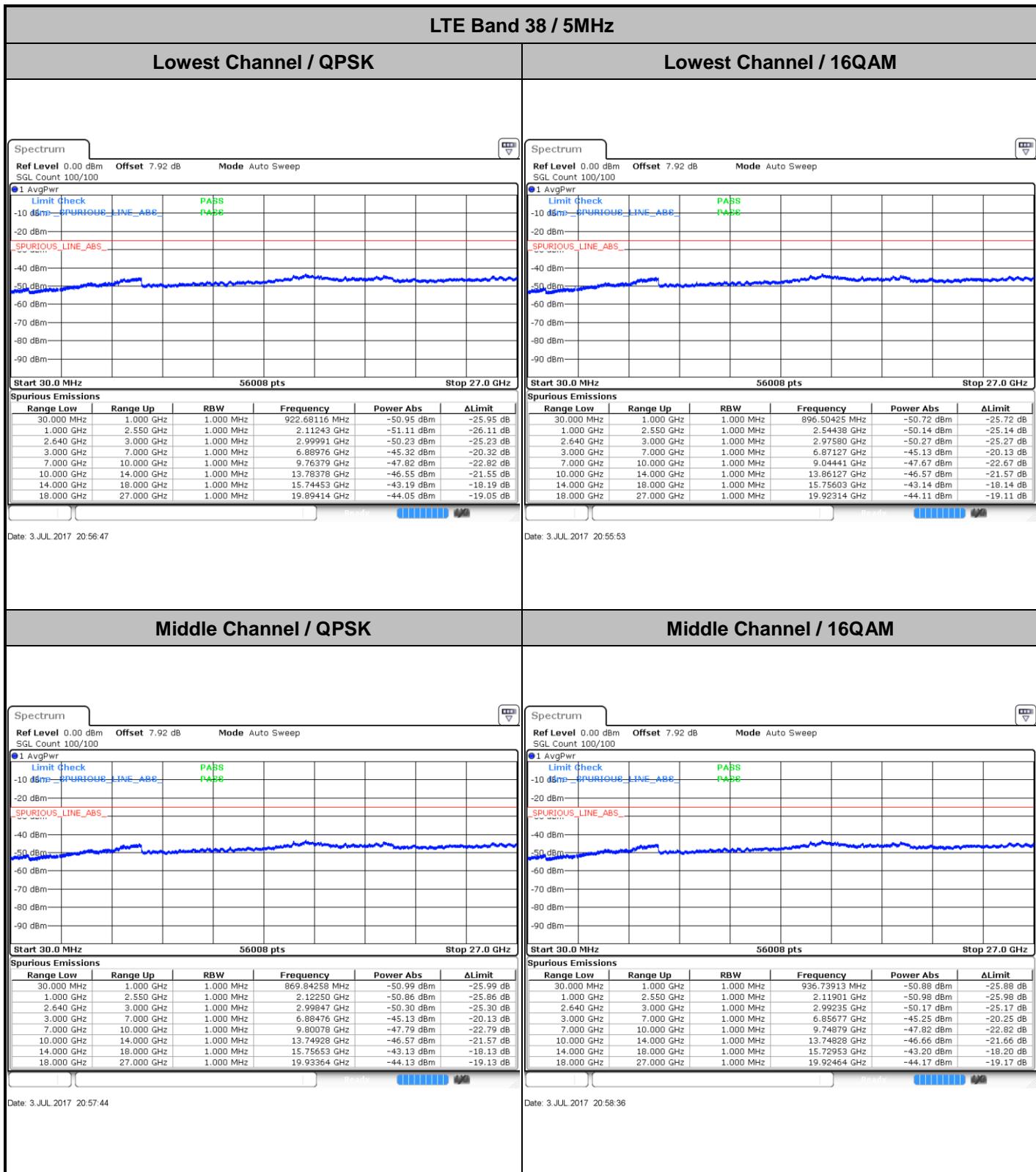
Lowest Channel / 16QAM

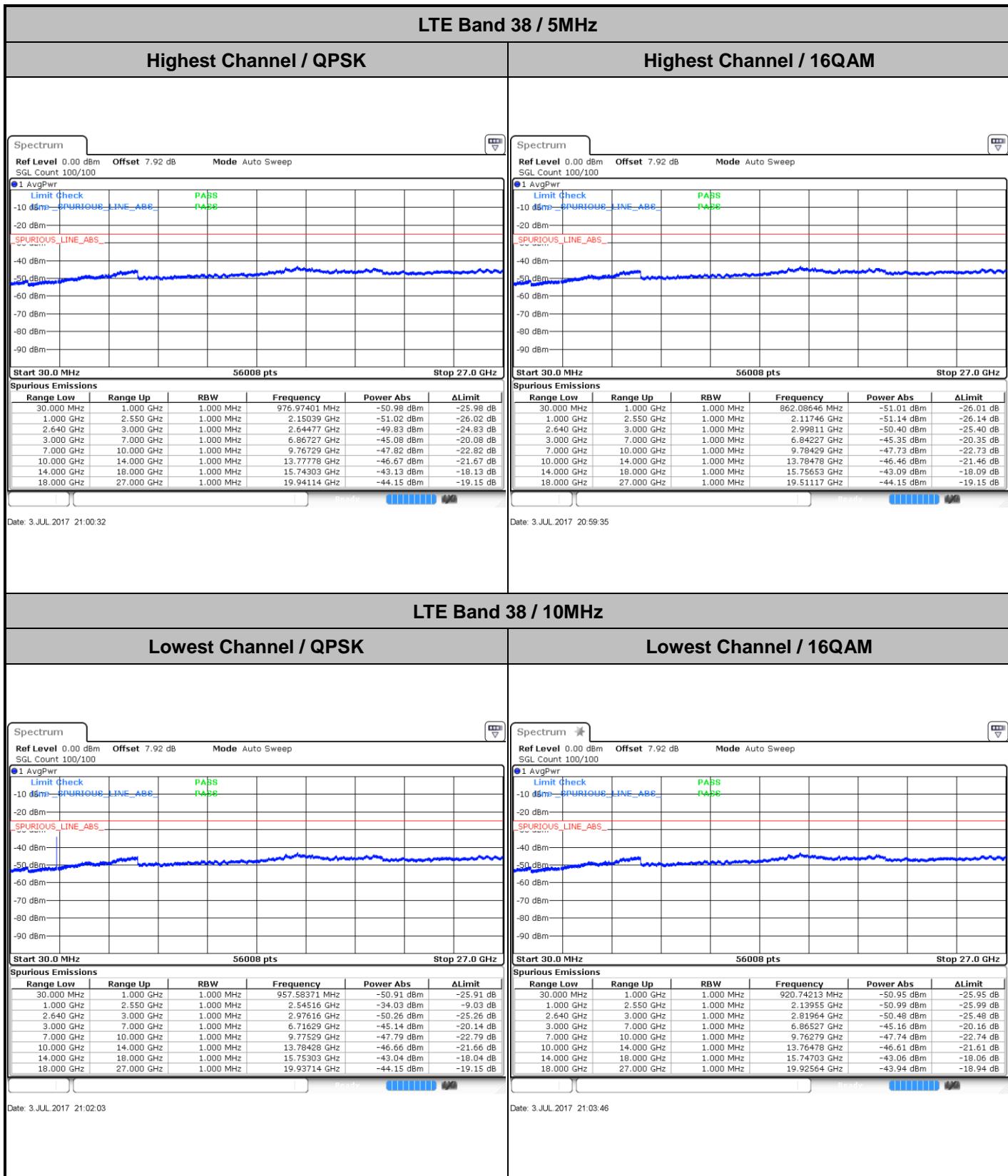


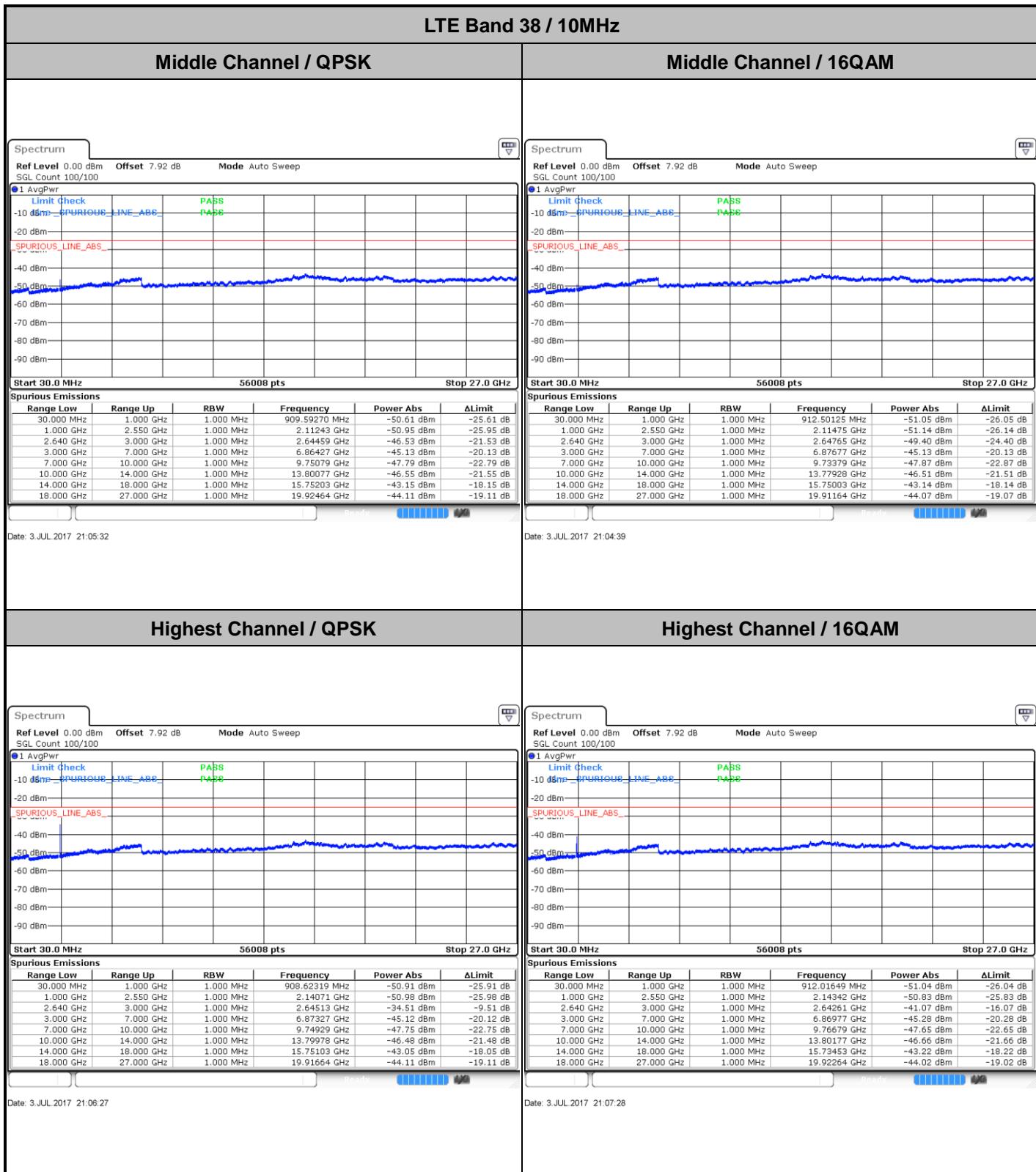
Date: 2.JUL.2017 10:42:41

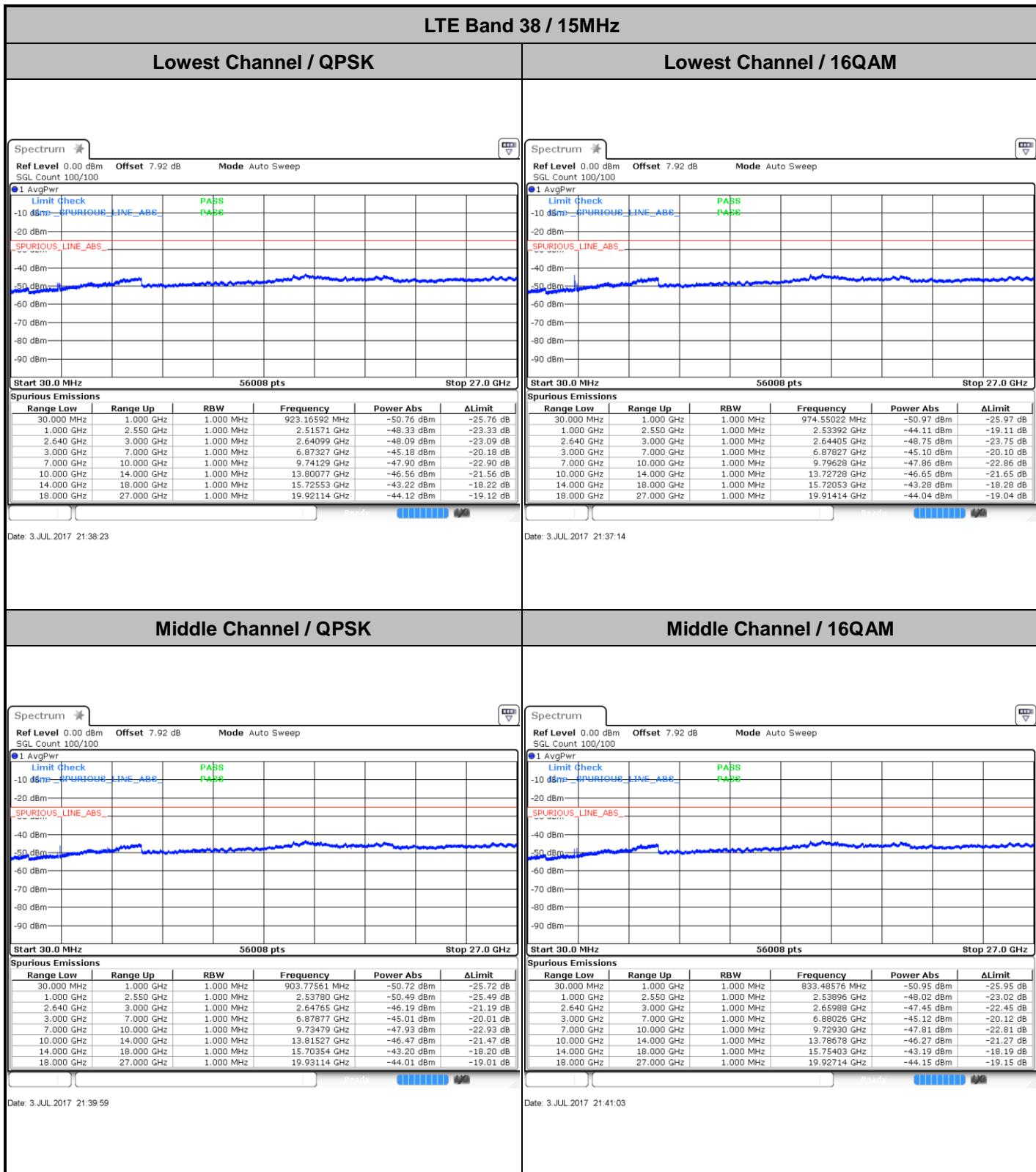
Date: 2.JUL.2017 10:43:34









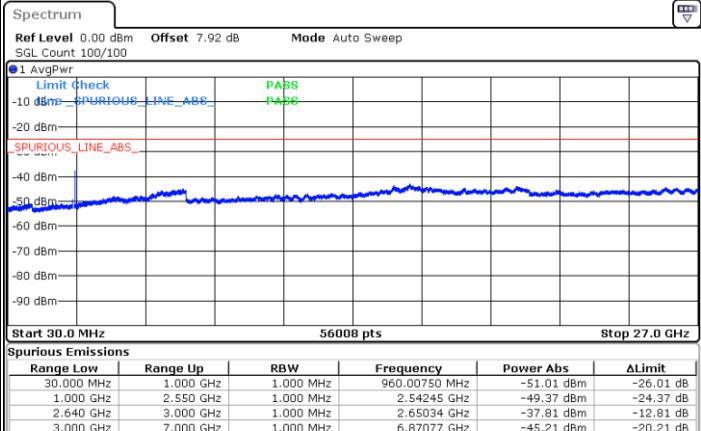
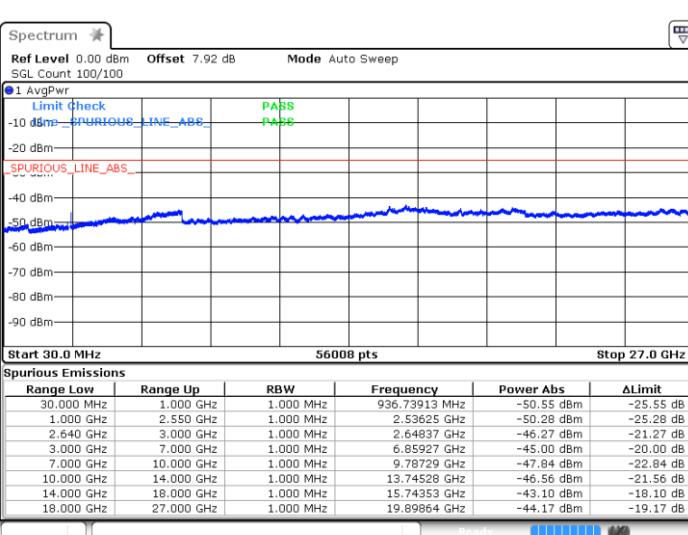




LTE Band 38 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM



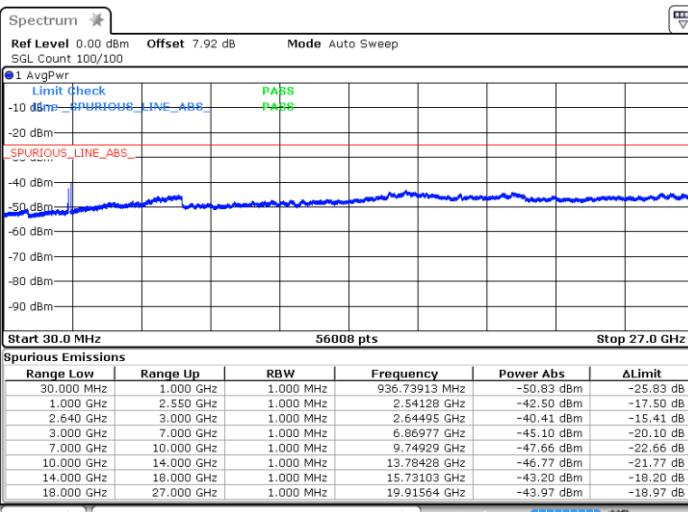
Date: 3.JUL.2017 21:44:30

Date: 3.JUL.2017 21:43:15

LTE Band 38 / 20MHz

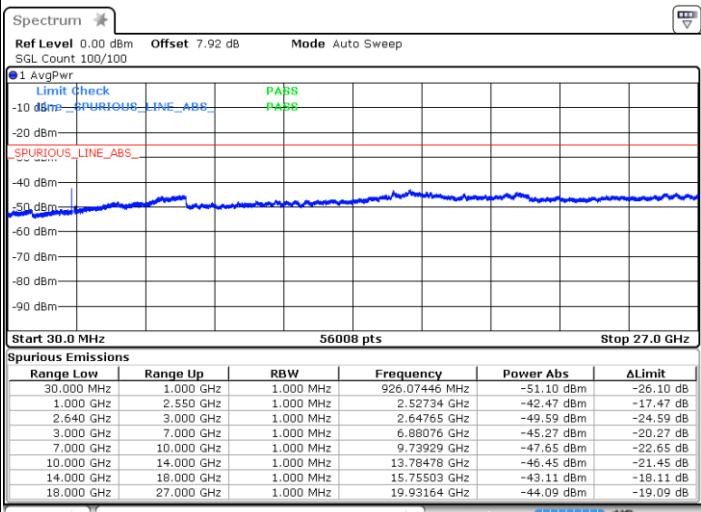
Lowest Channel / QPSK

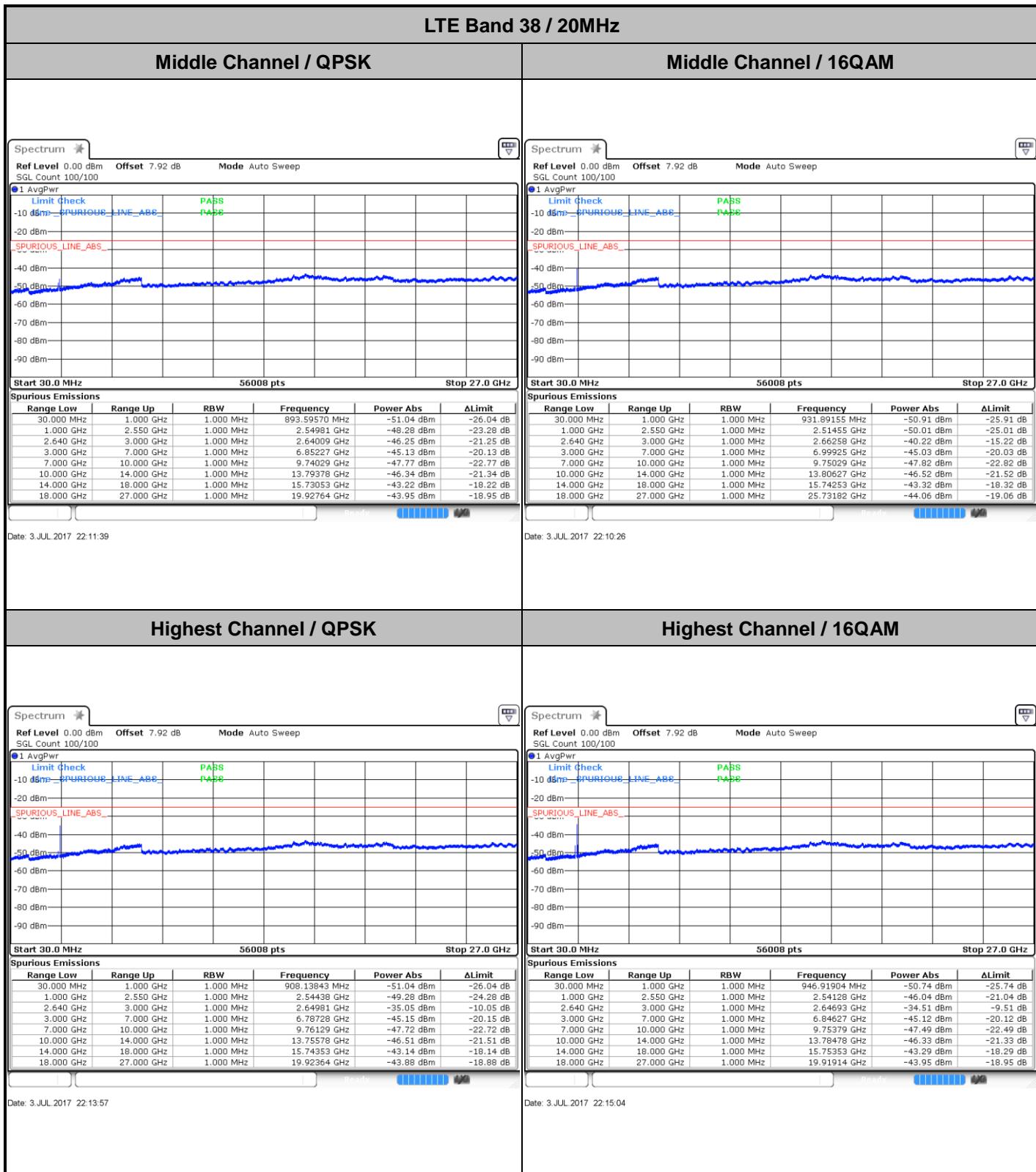
Lowest Channel / 16QAM



Date: 3.JUL.2017 22:06:32

Date: 3.JUL.2017 22:08:37







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 | 0.0012 | PASS |
| 40 | Normal Voltage | 0.0009 | |
| 30 | Normal Voltage | 0.0016 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0025 | |
| 0 | Normal Voltage | 0.0012 | |
| -10 | Normal Voltage | 0.0018 | |
| -20 | Normal Voltage | 0.0017 | |
| -30 | Normal Voltage | 0.0005 | |
| 20 | Maximum Voltage | 0.0009 | |
| 20 | Normal Voltage | 0.0013 | |
| 20 | Battery End Point | 0.0021 | |

Note:

1. Normal Voltage =3.82 V. ; Battery End Point (BEP) =3.65 V. ; Maximum Voltage =4.4 V.
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 | 0.0007 | PASS |
| 40 | Normal Voltage | 0.0077 | |
| 30 | Normal Voltage | 0.0048 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0081 | |
| 0 | Normal Voltage | 0.0085 | |
| -10 | Normal Voltage | 0.0017 | |
| -20 | Normal Voltage | 0.0073 | |
| -30 | Normal Voltage | 0.0020 | |
| 20 | Maximum Voltage | 0.0088 | |
| 20 | Normal Voltage | 0.0067 | |
| 20 | Battery End Point | 0.0054 | |

Note: Normal Voltage =3.82 V. ; Battery End Point (BEP) =3.65 V. ; Maximum Voltage =4.4 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 | 0.0020 | |
| 30 | Normal Voltage | 0.0023 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0002 | |
| 0 | Normal Voltage | 0.0005 | |
| -10 | Normal Voltage | 0.0017 | |
| -20 | Normal Voltage | 0.0022 | |
| -30 | Normal Voltage | 0.0018 | |
| 20 | Maximum Voltage | 0.0014 | |
| 20 | Normal Voltage | 0.0003 | |
| 20 | Battery End Point | 0.0022 | |

Note:

1. Normal Voltage =3.82 V. ; Battery End Point (BEP) =3.65 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 | 0.0013 | PASS |
| 40 | Normal Voltage | 0.0009 | |
| 30 | Normal Voltage | 0.0002 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0015 | |
| 0 | Normal Voltage | 0.0011 | |
| -10 | Normal Voltage | 0.0003 | |
| -20 | Normal Voltage | 0.0004 | |
| -30 | Normal Voltage | 0.0008 | |
| 20 | Maximum Voltage | 0.0012 | |
| 20 | Normal Voltage | 0.0007 | |
| 20 | Battery End Point | 0.0001 | |

Note:

1. Normal Voltage =3.82 V. ; Battery End Point (BEP) =3.65 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

| 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 | 3463.74 | -50.53 | -13 | -37.53 | -64.23 | -58.50 | 4.63 | 12.60 | H |
| | 5195.61 | -54.04 | -13 | -41.04 | -71.97 | -60.49 | 6.25 | 12.70 | H |
| | 6927.48 | -59.65 | -13 | -46.65 | -79.27 | -64.42 | 8.23 | 13.00 | H |
| | 3463.74 | -50.18 | -13 | -37.18 | -61.59 | -58.15 | 4.63 | 12.60 | V |
| | 5195.61 | -54.07 | -13 | -41.07 | -67.68 | -60.52 | 6.25 | 12.70 | V |
| | 6927.48 | -60.01 | -13 | -47.01 | -79.13 | -64.78 | 8.23 | 13.00 | 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 | 3462.48 | -53.51 | -13 | -40.51 | -67.21 | -61.48 | 4.63 | 12.60 | H |
| | 5193.72 | -54.33 | -13 | -41.33 | -72.26 | -60.78 | 6.25 | 12.70 | H |
| | 6924.96 | -59.79 | -13 | -46.79 | -79.41 | -64.56 | 8.23 | 13.00 | H |
| | 3462.48 | -54.44 | -13 | -41.44 | -65.85 | -62.41 | 4.63 | 12.60 | V |
| | 5193.72 | -57.82 | -13 | -44.82 | -71.43 | -64.27 | 6.25 | 12.70 | V |
| | 6924.96 | -59.78 | -13 | -46.78 | -78.9 | -64.55 | 8.23 | 13.00 | 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 | 3460.68 | -53.95 | -13 | -40.95 | -67.65 | -61.92 | 4.63 | 12.60 | H |
| | 5191.02 | -54.96 | -13 | -41.96 | -72.89 | -61.41 | 6.25 | 12.70 | H |
| | 6921.36 | -59.93 | -13 | -46.93 | -79.55 | -64.70 | 8.23 | 13.00 | H |
| | 3460.68 | -55.10 | -13 | -42.10 | -66.51 | -63.07 | 4.63 | 12.60 | V |
| | 5191.02 | -58.71 | -13 | -45.71 | -72.32 | -65.16 | 6.25 | 12.70 | V |
| | 6921.36 | -60.49 | -13 | -47.49 | -79.61 | -65.26 | 8.23 | 13.00 | 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 | 3456.18 | -54.45 | -13 | -41.45 | -68.15 | -62.42 | 4.63 | 12.60 | H |
| | 5184.27 | -56.17 | -13 | -43.17 | -74.10 | -62.62 | 6.25 | 12.70 | H |
| | 6912.36 | -59.84 | -13 | -46.84 | -79.46 | -64.61 | 8.23 | 13.00 | H |
| | 3456.18 | -54.46 | -13 | -41.46 | -65.87 | -62.43 | 4.63 | 12.60 | V |
| | 5184.27 | -57.77 | -13 | -44.77 | -71.38 | -64.22 | 6.25 | 12.70 | V |
| | 6912.36 | -60.22 | -13 | -47.22 | -79.34 | -64.99 | 8.23 | 13.00 | 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 | 3451.68 | -50.08 | -13 | -37.08 | -63.78 | -58.05 | 4.63 | 12.60 | H |
| | 5177.52 | -54.19 | -13 | -41.19 | -72.12 | -60.64 | 6.25 | 12.70 | H |
| | 6903.36 | -59.69 | -13 | -46.69 | -79.31 | -64.46 | 8.23 | 13.00 | H |
| | 3451.68 | -48.53 | -13 | -35.53 | -59.94 | -56.50 | 4.63 | 12.60 | V |
| | 5177.52 | -54.04 | -13 | -41.04 | -67.65 | -60.49 | 6.25 | 12.70 | V |
| | 6903.36 | -60.46 | -13 | -47.46 | -79.58 | -65.23 | 8.23 | 13.00 | 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 | 3447.18 | -50.05 | -13 | -37.05 | -63.75 | -58.02 | 4.63 | 12.60 | H |
| | 5170.77 | -53.59 | -13 | -40.59 | -71.52 | -60.04 | 6.25 | 12.70 | H |
| | 6894.36 | -59.73 | -13 | -46.73 | -79.35 | -64.50 | 8.23 | 13.00 | H |
| | 3447.18 | -48.71 | -13 | -35.71 | -60.12 | -56.68 | 4.63 | 12.60 | V |
| | 5170.77 | -54.67 | -13 | -41.67 | -68.28 | -61.12 | 6.25 | 12.70 | V |
| | 6894.36 | -60.66 | -13 | -47.66 | -79.78 | -65.43 | 8.23 | 13.00 | 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 | 1671.74 | -29.50 | -13 | -16.50 | -35.26 | -33.87 | 2.88 | 9.40 | H |
| | 2507.61 | -35.87 | -13 | -22.87 | -46.57 | -41.82 | 2.50 | 10.60 | H |
| | 3343.48 | -54.53 | -13 | -41.53 | -62.53 | -60.35 | 4.63 | 12.60 | H |
| | 4179.35 | -41.57 | -13 | -28.57 | -54.75 | -47.00 | 5.02 | 12.60 | H |
| | 5015.22 | -58.39 | -13 | -45.39 | -73.07 | -62.69 | 6.25 | 12.70 | H |
| | 5851.09 | -62.99 | -13 | -49.99 | -75.74 | -64.84 | 9.00 | 13.00 | H |
| | 6686.96 | -61.55 | -13 | -48.55 | -77.43 | -61.59 | 9.51 | 11.70 | H |
| | 1671.74 | -27.50 | -13 | -14.50 | -32.81 | -31.87 | 2.88 | 9.40 | V |
| | 2507.61 | -34.87 | -13 | -21.87 | -45.82 | -40.82 | 2.50 | 10.60 | V |
| | 3343.48 | -54.23 | -13 | -41.23 | -62.26 | -60.05 | 4.63 | 12.60 | V |
| | 4179.35 | -48.00 | -13 | -35.00 | -59.96 | -53.43 | 5.02 | 12.60 | V |
| | 5015.22 | -55.33 | -13 | -42.33 | -69.15 | -59.63 | 6.25 | 12.70 | V |
| | 5851.09 | -60.95 | -13 | -47.95 | -74.43 | -62.80 | 9.00 | 13.00 | V |
| | 6686.96 | -61.65 | -13 | -48.65 | -77.78 | -61.69 | 9.51 | 11.70 | 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 | 1670.3 | -28.66 | -13 | -15.66 | -34.41 | -33.03 | 2.88 | 9.40 | H |
| | 2505.45 | -32.12 | -13 | -19.12 | -43.13 | -38.07 | 2.50 | 10.60 | H |
| | 3340.6 | -53.03 | -13 | -40.03 | -61.03 | -58.85 | 4.63 | 12.60 | H |
| | 4175.75 | -38.50 | -13 | -25.50 | -52.29 | -43.93 | 5.02 | 12.60 | H |
| | 5010.9 | -58.53 | -13 | -45.53 | -73.21 | -62.83 | 6.25 | 12.70 | H |
| | 5846.05 | -62.24 | -13 | -49.24 | -74.99 | -64.09 | 9.00 | 13.00 | H |
| | 6681.2 | -61.61 | -13 | -48.61 | -77.49 | -61.65 | 9.51 | 11.70 | H |
| | 1670.3 | -27.07 | -13 | -14.07 | -32.14 | -31.44 | 2.88 | 9.40 | V |
| | 2505.45 | -32.27 | -13 | -19.27 | -43.06 | -38.22 | 2.50 | 10.60 | V |
| | 3340.6 | -53.16 | -13 | -40.16 | -61.19 | -58.98 | 4.63 | 12.60 | V |
| | 4175.75 | -47.24 | -13 | -34.24 | -59.20 | -52.67 | 5.02 | 12.60 | V |
| | 5010.9 | -55.11 | -13 | -42.11 | -68.93 | -59.41 | 6.25 | 12.70 | V |
| | 5846.05 | -58.60 | -13 | -45.60 | -72.08 | -60.45 | 9.00 | 13.00 | V |
| | 6681.2 | -61.30 | -13 | -48.30 | -77.43 | -61.34 | 9.51 | 11.70 | 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 | 1668.5 | -28.31 | -13 | -15.31 | -34.12 | -32.68 | 2.88 | 9.40 | H |
| | 2502.75 | -31.66 | -13 | -18.66 | -42.67 | -37.61 | 2.50 | 10.60 | H |
| | 3337 | -52.72 | -13 | -39.72 | -60.72 | -58.54 | 4.63 | 12.60 | H |
| | 4171.25 | -41.63 | -13 | -28.63 | -53.71 | -47.06 | 5.02 | 12.60 | H |
| | 5005.5 | -58.21 | -13 | -45.21 | -72.89 | -62.51 | 6.25 | 12.70 | H |
| | 5839.75 | -60.97 | -13 | -47.97 | -73.72 | -62.82 | 9.00 | 13.00 | H |
| | 6674 | -61.71 | -13 | -48.71 | -77.59 | -61.75 | 9.51 | 11.70 | H |
| | 1668.5 | -26.66 | -13 | -13.66 | -31.71 | -31.03 | 2.88 | 9.40 | V |
| | 2502.75 | -30.94 | -13 | -17.94 | -41.88 | -36.89 | 2.50 | 10.60 | V |
| | 3337 | -53.82 | -13 | -40.82 | -61.85 | -59.64 | 4.63 | 12.60 | V |
| | 4171.25 | -48.28 | -13 | -35.28 | -60.24 | -53.71 | 5.02 | 12.60 | V |
| | 5005.5 | -54.44 | -13 | -41.44 | -68.26 | -58.74 | 6.25 | 12.70 | V |
| | 5839.75 | -57.95 | -13 | -44.95 | -71.43 | -59.80 | 9.00 | 13.00 | V |
| | 6674 | -61.71 | -13 | -48.71 | -77.84 | -61.75 | 9.51 | 11.70 | 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 | -26.47 | -13 | -13.47 | -31.80 | -30.84 | 2.88 | 9.40 | H |
| | 2496 | -29.55 | -13 | -16.55 | -40.68 | -35.50 | 2.50 | 10.60 | H |
| | 3328 | -48.98 | -13 | -35.98 | -56.98 | -54.80 | 4.63 | 12.60 | H |
| | 4160 | -36.97 | -13 | -23.97 | -51.16 | -42.40 | 5.02 | 12.60 | H |
| | 4992 | -56.90 | -13 | -43.90 | -71.58 | -61.20 | 6.25 | 12.70 | H |
| | 5824 | -60.34 | -13 | -47.34 | -73.09 | -62.19 | 9.00 | 13.00 | H |
| | 6656 | -62.05 | -13 | -49.05 | -77.93 | -62.09 | 9.51 | 11.70 | H |
| | 1664 | -24.03 | -13 | -11.03 | -29.15 | -28.40 | 2.88 | 9.40 | V |
| | 2496 | -29.51 | -13 | -16.51 | -40.49 | -35.46 | 2.50 | 10.60 | V |
| | 3328 | -50.22 | -13 | -37.22 | -58.25 | -56.04 | 4.63 | 12.60 | V |
| | 4160 | -46.31 | -13 | -33.31 | -58.27 | -51.74 | 5.02 | 12.60 | V |
| | 4992 | -56.56 | -13 | -43.56 | -70.38 | -60.86 | 6.25 | 12.70 | V |
| | 5824 | -56.31 | -13 | -43.31 | -69.79 | -58.16 | 9.00 | 13.00 | V |
| | 6656 | -61.67 | -13 | -48.67 | -77.80 | -61.71 | 9.51 | 11.70 | 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 | 5065.68 | -41.17 | -25 | -16.17 | -58.24 | -48.02 | 6.25 | 13.10 | H |
| | 7598.52 | -50.62 | -25 | -25.62 | -71.49 | -54.19 | 7.73 | 11.30 | H |
| | 10131.36 | -53.13 | -25 | -28.13 | -79.23 | -56.79 | 8.44 | 12.10 | H |
| | 5065.68 | -46.56 | -25 | -21.56 | -63.3 | -53.41 | 6.25 | 13.10 | V |
| | 7598.52 | -55.77 | -25 | -30.77 | -76.31 | -59.34 | 7.73 | 11.30 | V |
| | 10131.36 | -55.12 | -25 | -30.12 | -79.41 | -58.78 | 8.44 | 12.10 | 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 | 5061.18 | -47.53 | -25 | -22.53 | -64.60 | -54.38 | 6.25 | 13.10 | H |
| | 7591.77 | -51.68 | -25 | -26.68 | -72.55 | -55.25 | 7.73 | 11.30 | H |
| | 10122.36 | -54.18 | -25 | -29.18 | -80.28 | -57.84 | 8.44 | 12.10 | H |
| | 5061.18 | -51.56 | -25 | -26.56 | -68.3 | -58.41 | 6.25 | 13.10 | V |
| | 7591.77 | -55.97 | -25 | -30.97 | -76.51 | -59.54 | 7.73 | 11.30 | V |
| | 10122.36 | -55.64 | -25 | -30.64 | -79.93 | -59.30 | 8.44 | 12.10 | 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 | 5056.68 | -46.68 | -25 | -21.68 | -63.75 | -53.53 | 6.25 | 13.10 | H |
| | 7585.02 | -54.05 | -25 | -29.05 | -74.92 | -57.62 | 7.73 | 11.30 | H |
| | 10113.36 | -53.68 | -25 | -28.68 | -79.78 | -57.34 | 8.44 | 12.10 | H |
| | 5056.68 | -51.20 | -25 | -26.20 | -67.94 | -58.05 | 6.25 | 13.10 | V |
| | 7585.02 | -55.98 | -25 | -30.98 | -76.52 | -59.55 | 7.73 | 11.30 | V |
| | 10113.36 | -79.43 | -25 | -54.43 | -79.43 | -83.09 | 8.44 | 12.10 | 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 | 5052.18 | -47.34 | -25 | -22.34 | -64.41 | -54.19 | 6.25 | 13.10 | H |
| | 7578.27 | -50.94 | -25 | -25.94 | -71.81 | -54.51 | 7.73 | 11.30 | H |
| | 10104.36 | -53.59 | -25 | -28.59 | -79.69 | -57.25 | 8.44 | 12.10 | H |
| | 5052.18 | -51.55 | -25 | -26.55 | -68.29 | -58.40 | 6.25 | 13.10 | V |
| | 7578.27 | -55.14 | -25 | -30.14 | -75.68 | -58.71 | 7.73 | 11.30 | V |
| | 10104.36 | -55.04 | -25 | -30.04 | -79.33 | -58.70 | 8.44 | 12.10 | 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 | 5185.50 | -42.33 | -25 | -17.33 | -59.40 | -49.18 | 6.25 | 13.10 | H |
| | 7778.25 | -56.32 | -25 | -31.32 | -77.19 | -59.89 | 7.73 | 11.30 | H |
| | 10371.00 | -53.70 | -25 | -28.70 | -79.80 | -57.36 | 8.44 | 12.10 | H |
| | 5185.50 | -46.67 | -25 | -21.67 | -63.41 | -53.52 | 6.25 | 13.10 | V |
| | 7778.25 | -56.73 | -25 | -31.73 | -77.27 | -60.30 | 7.73 | 11.30 | V |
| | 10371.00 | -55.61 | -25 | -30.61 | -79.9 | -59.27 | 8.44 | 12.10 | 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 | 5181.00 | -42.87 | -25 | -17.87 | -59.94 | -49.72 | 6.25 | 13.10 | H |
| | 7771.50 | -55.25 | -25 | -30.25 | -76.12 | -58.82 | 7.73 | 11.30 | H |
| | 10362.00 | -53.46 | -25 | -28.46 | -79.56 | -57.12 | 8.44 | 12.10 | H |
| | 5181.00 | -48.07 | -25 | -23.07 | -64.81 | -54.92 | 6.25 | 13.10 | V |
| | 7771.50 | -52.07 | -25 | -27.07 | -72.61 | -55.64 | 7.73 | 11.30 | V |
| | 10362.00 | -55.56 | -25 | -30.56 | -79.85 | -59.22 | 8.44 | 12.10 | 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 | 5176.50 | -41.76 | -25 | -16.76 | -58.83 | -48.61 | 6.25 | 13.10 | H |
| | 7764.75 | -51.69 | -25 | -26.69 | -72.56 | -55.26 | 7.73 | 11.30 | H |
| | 10353.00 | -53.48 | -25 | -28.48 | -79.58 | -57.14 | 8.44 | 12.10 | H |
| | 5176.50 | -47.34 | -25 | -22.34 | -64.08 | -54.19 | 6.25 | 13.10 | V |
| | 7764.75 | -55.88 | -25 | -30.88 | -76.42 | -59.45 | 7.73 | 11.30 | V |
| | 10353.00 | -55.65 | -25 | -30.65 | -79.94 | -59.31 | 8.44 | 12.10 | 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 | 5172.00 | -43.05 | -25 | -18.05 | -60.12 | -49.90 | 6.25 | 13.10 | H |
| | 7758.00 | -55.40 | -25 | -30.40 | -76.27 | -58.97 | 7.73 | 11.30 | H |
| | 10344.00 | -53.90 | -25 | -28.90 | -80.00 | -57.56 | 8.44 | 12.10 | H |
| | 5172.00 | -46.12 | -25 | -21.12 | -62.86 | -52.97 | 6.25 | 13.10 | V |
| | 7758.00 | -56.66 | -25 | -31.66 | -77.2 | -60.23 | 7.73 | 11.30 | V |
| | 10344.00 | -55.66 | -25 | -30.66 | -79.95 | -59.32 | 8.44 | 12.10 | V |

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