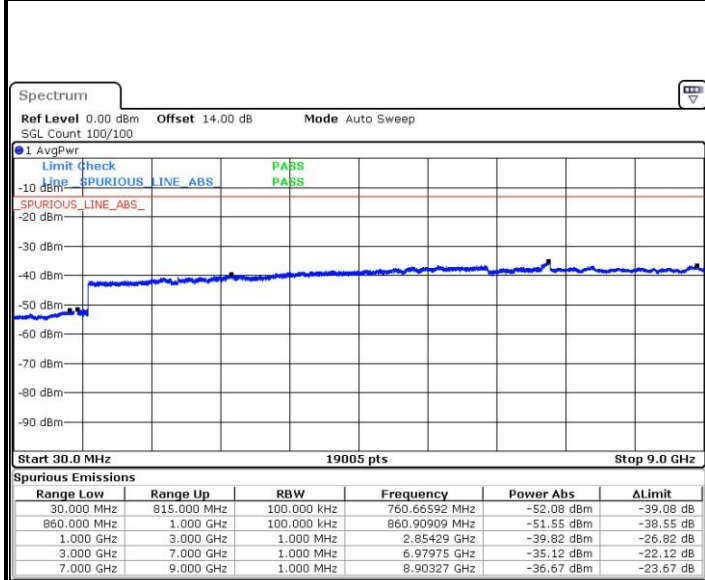




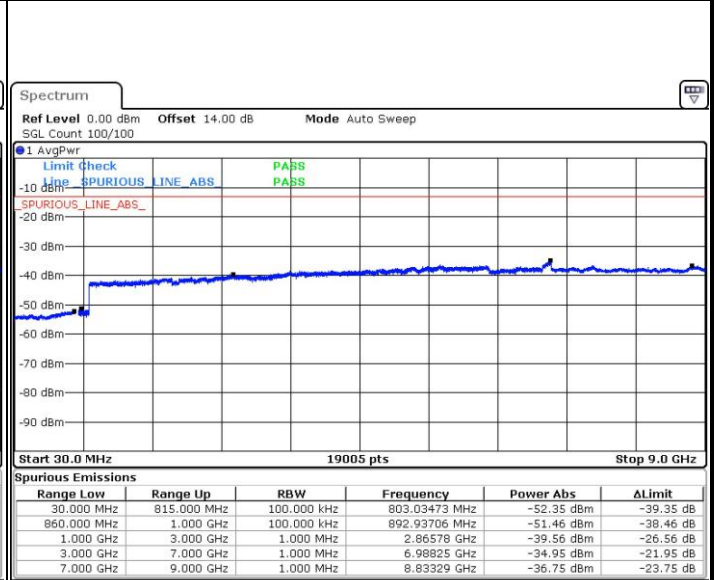
LTE Band 5 / 5MHz

Highest Channel / QPSK



Date: 26.MAY.2017 09:30:09

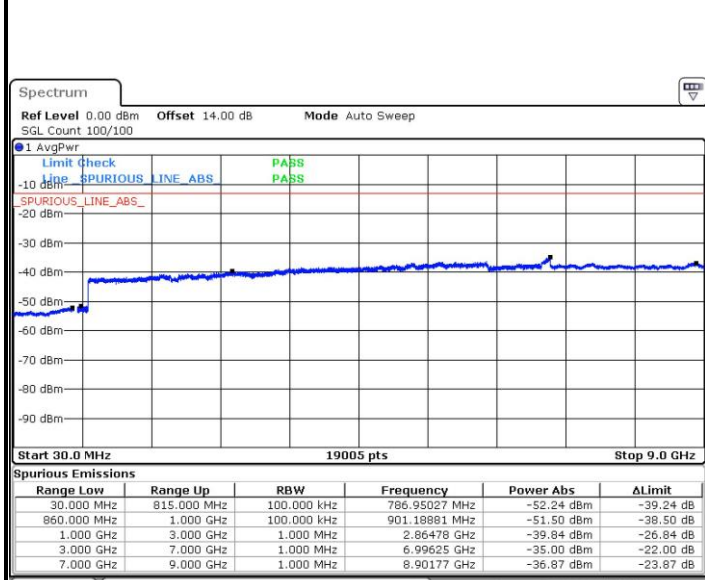
Highest Channel / 16QAM



Date: 26.MAY.2017 09:31:06

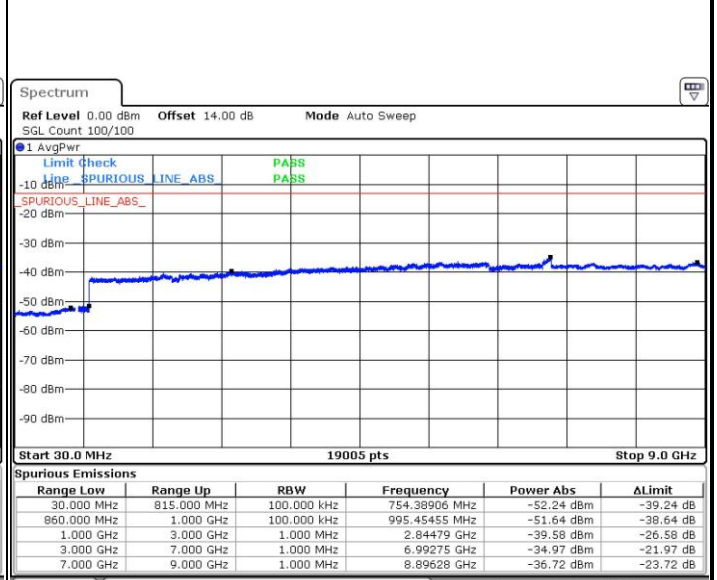
LTE Band 5 / 10MHz

Lowest Channel / QPSK



Date: 26.MAY.2017 12:58:50

Lowest Channel / 16QAM



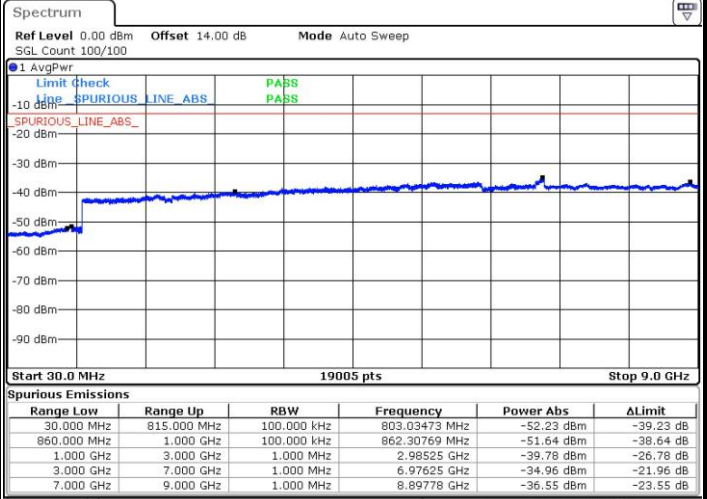
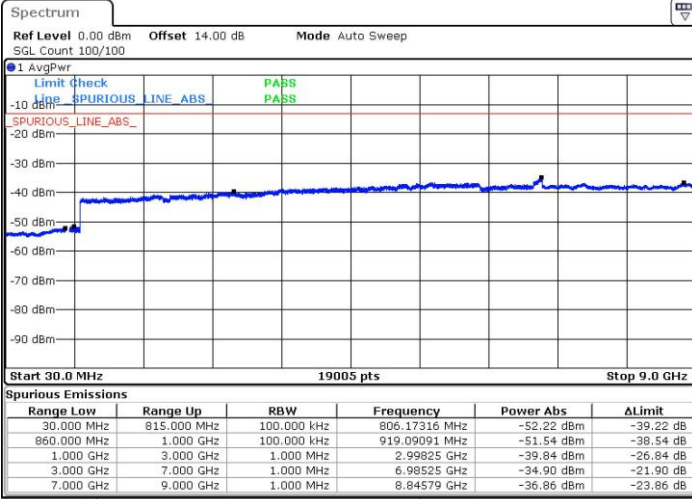
Date: 26.MAY.2017 12:59:47



LTE Band 5 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

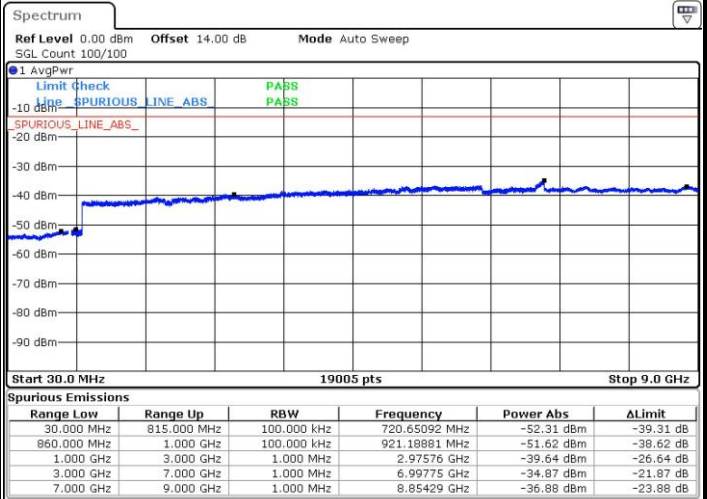
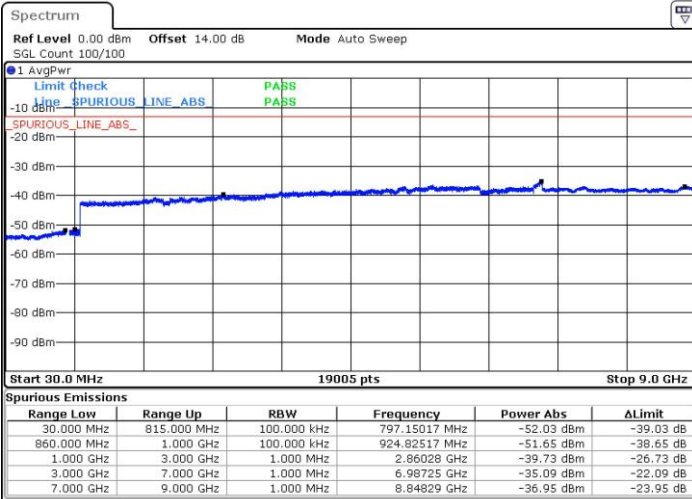


Date: 26.MAY.2017 13:01:26

Date: 26.MAY.2017 13:02:23

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 26.MAY.2017 13:10:42

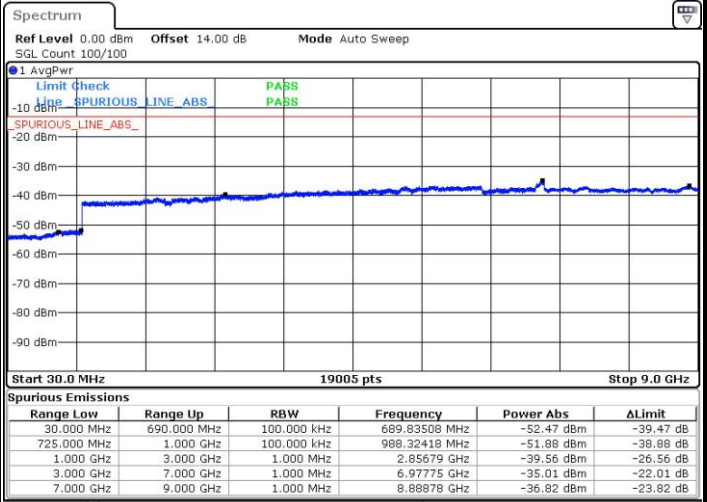
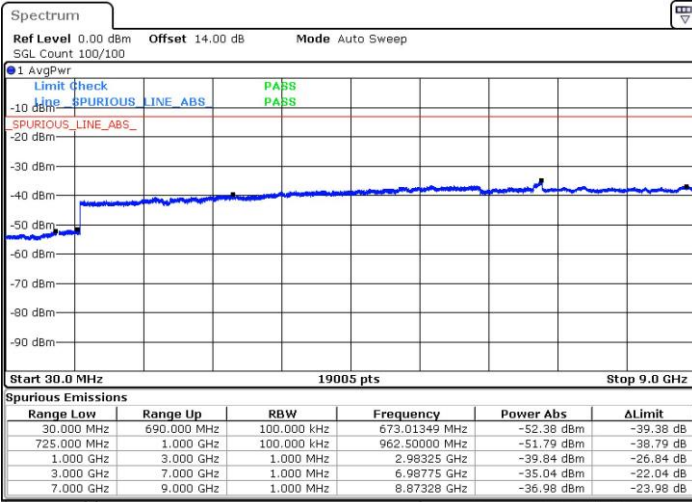
Date: 26.MAY.2017 13:11:39



LTE Band 12 / 1.4MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

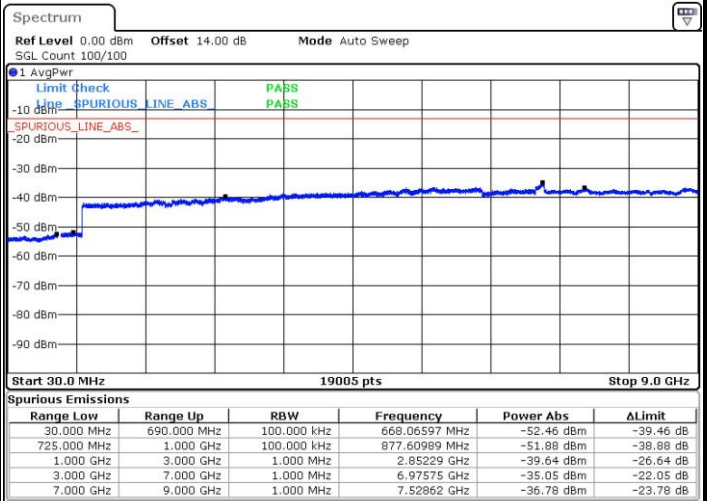
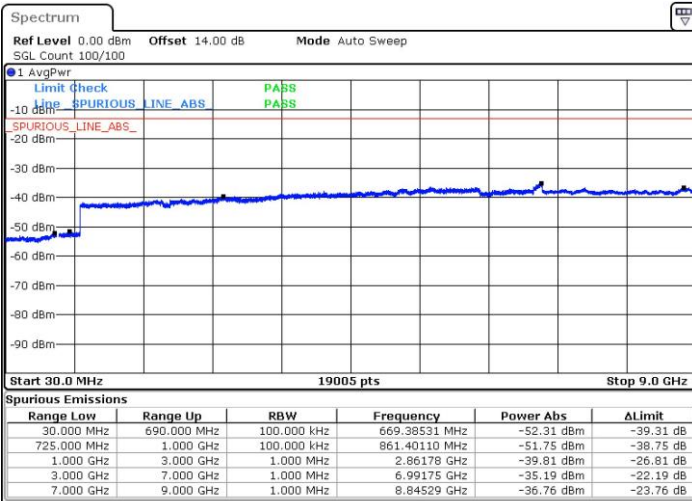


Date: 26.MAY.2017 16:41:09

Date: 26.MAY.2017 16:42:06

Middle Channel / QPSK

Middle Channel / 16QAM



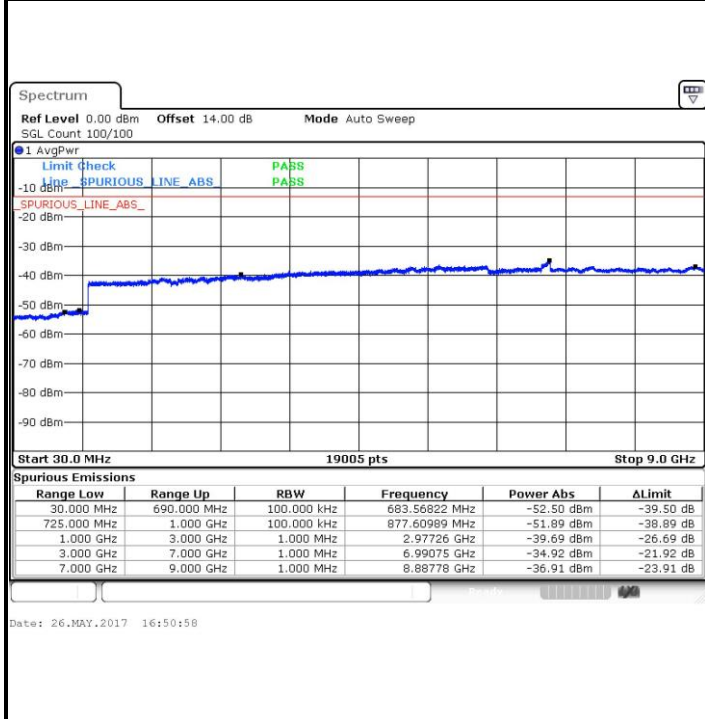
Date: 26.MAY.2017 16:43:45

Date: 26.MAY.2017 16:44:41

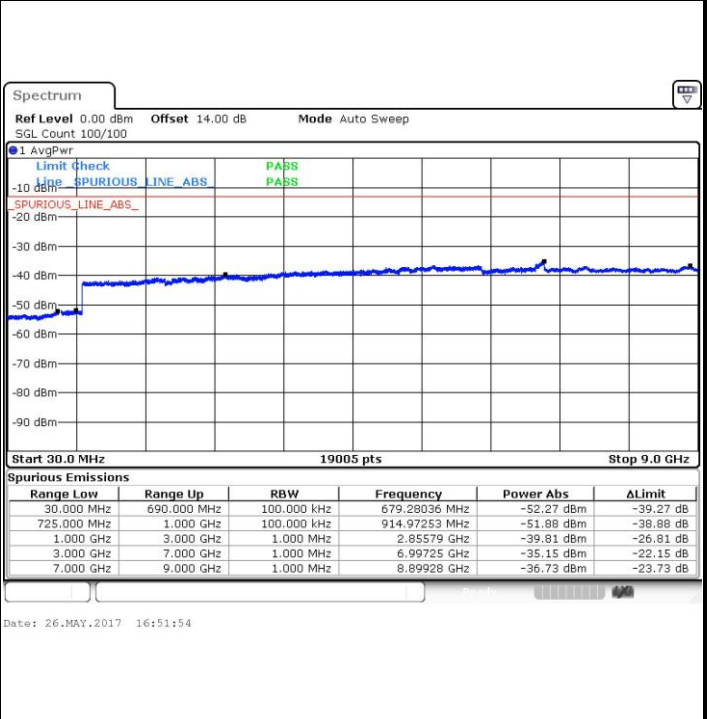


LTE Band 12 / 1.4MHz

Highest Channel / QPSK

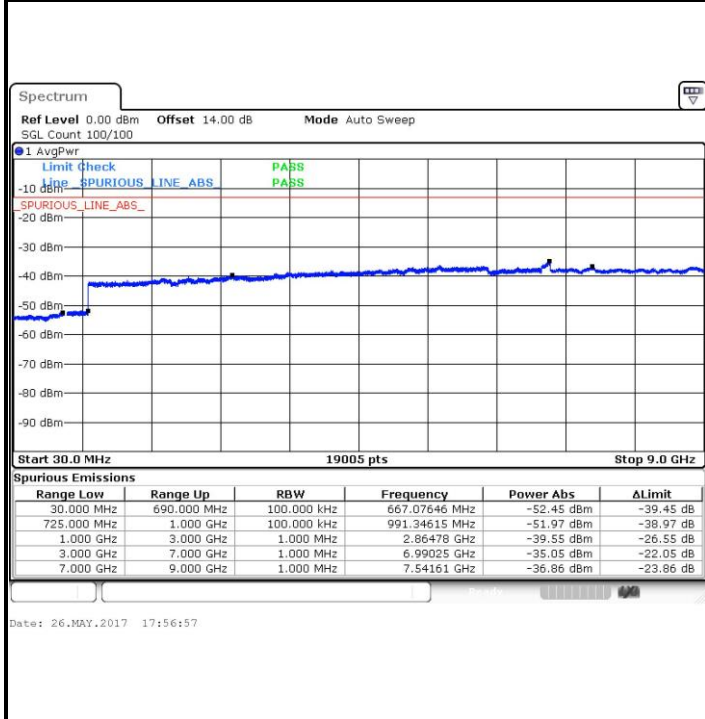


Highest Channel / 16QAM

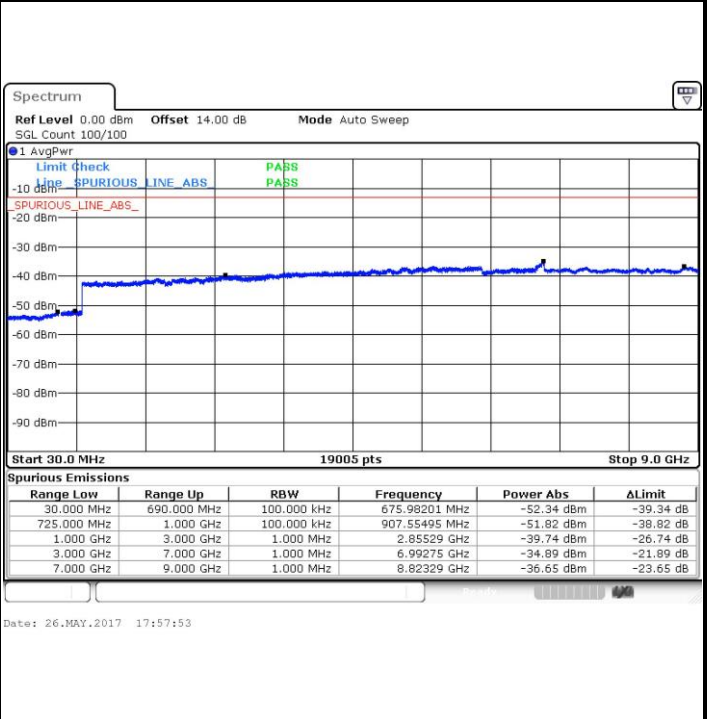


LTE Band 12 / 3MHz

Lowest Channel / QPSK



Lowest Channel / 16QAM

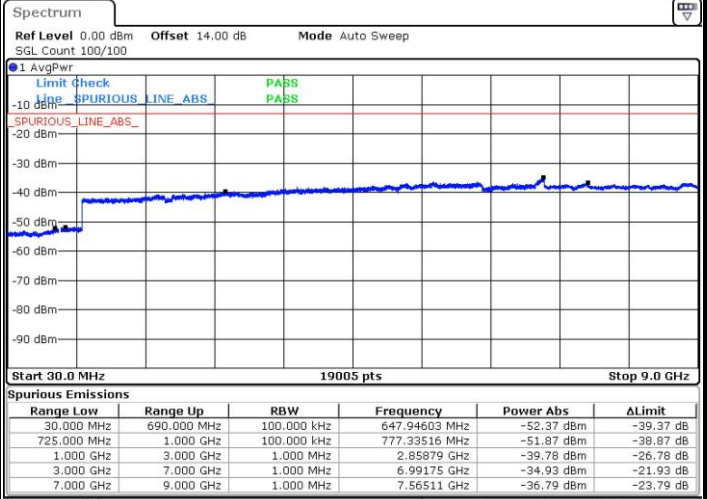
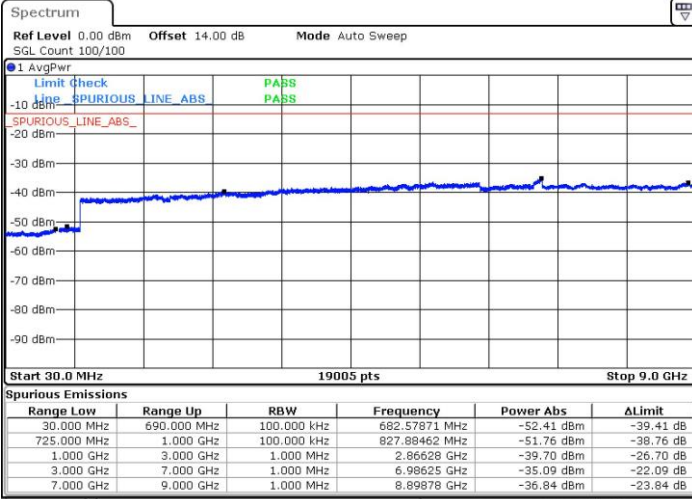




LTE Band 12 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

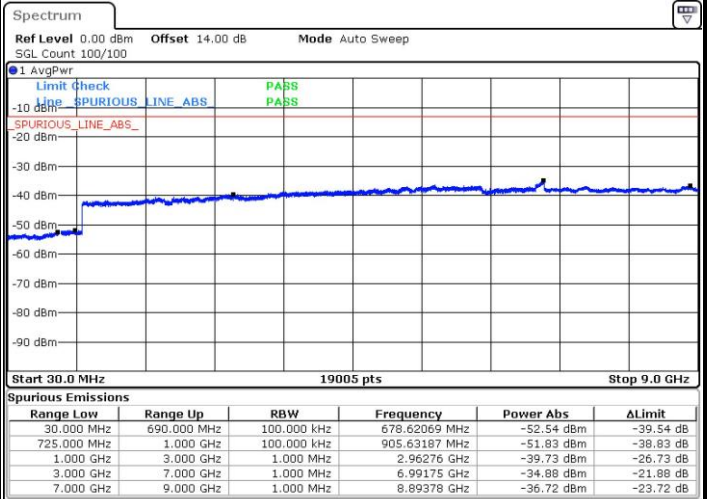
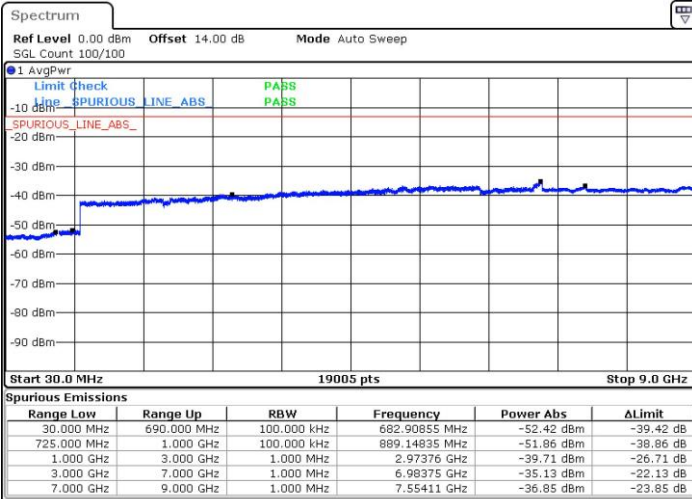


Date: 26.MAY.2017 17:59:32

Date: 26.MAY.2017 18:00:29

Highest Channel / QPSK

Highest Channel / 16QAM



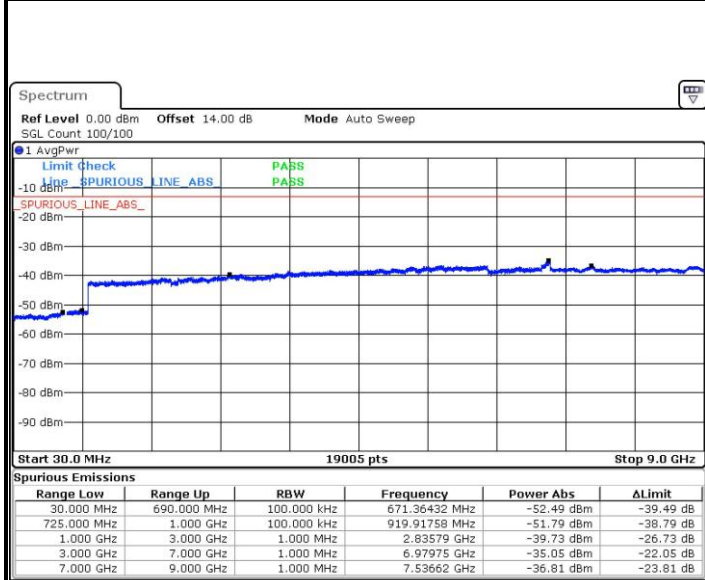
Date: 26.MAY.2017 18:06:45

Date: 26.MAY.2017 18:07:42



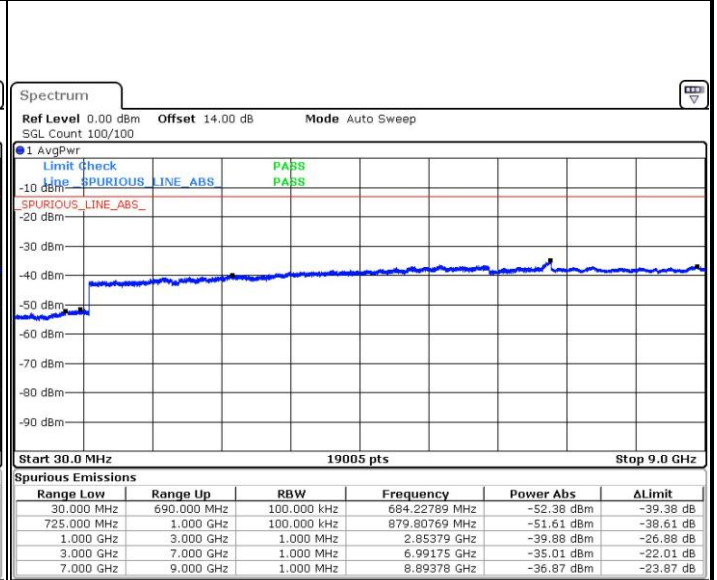
LTE Band 12 / 5MHz

Lowest Channel / QPSK



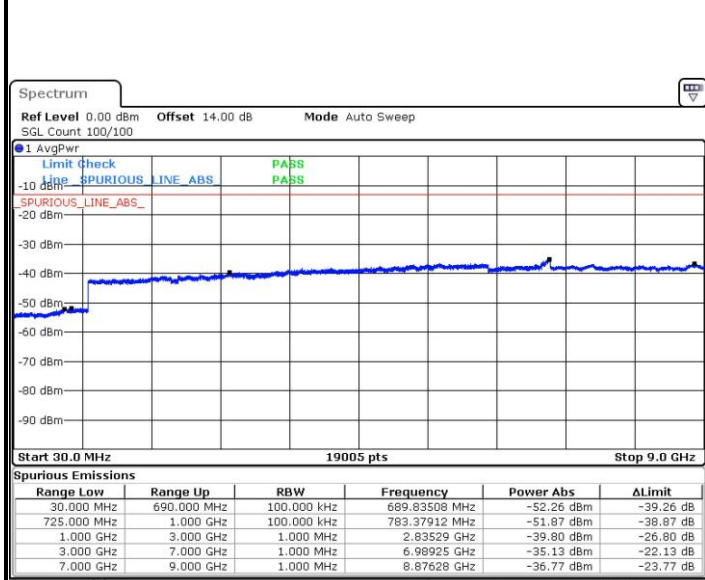
Date: 26.MAY.2017 18:13:58

Lowest Channel / 16QAM



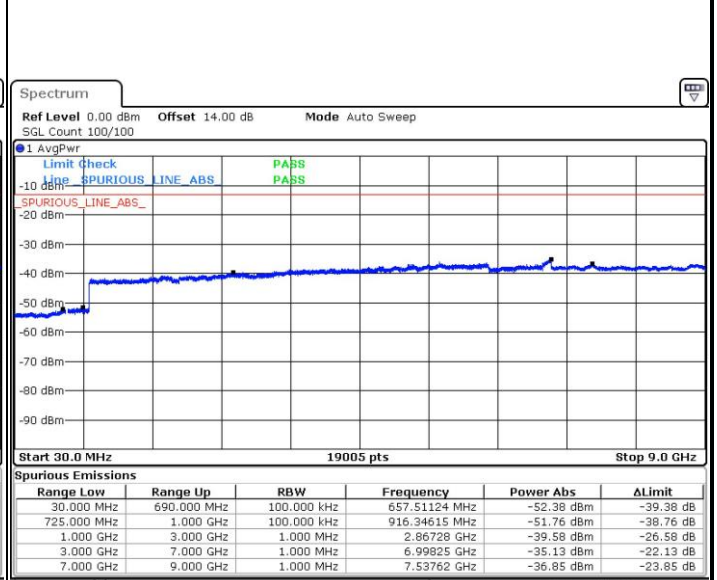
Date: 26.MAY.2017 18:14:55

Middle Channel / QPSK



Date: 26.MAY.2017 18:16:34

Middle Channel / 16QAM



Date: 26.MAY.2017 18:17:30



LTE Band 12 / 5MHz

Highest Channel / QPSK



Date: 26.MAY.2017 18:23:47

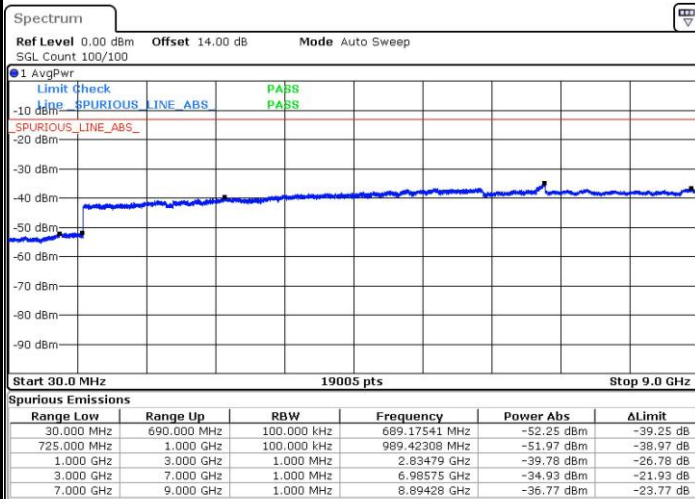
Highest Channel / 16QAM



Date: 26.MAY.2017 18:24:43

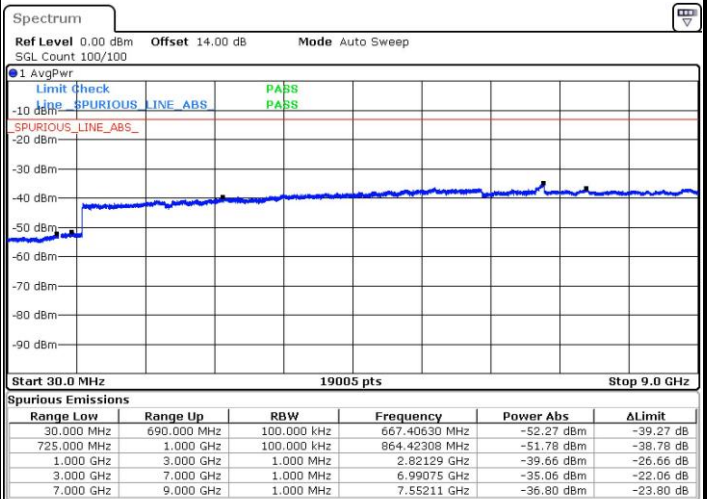
LTE Band 12 / 10MHz

Lowest Channel / QPSK



Date: 26.MAY.2017 18:31:00

Lowest Channel / 16QAM

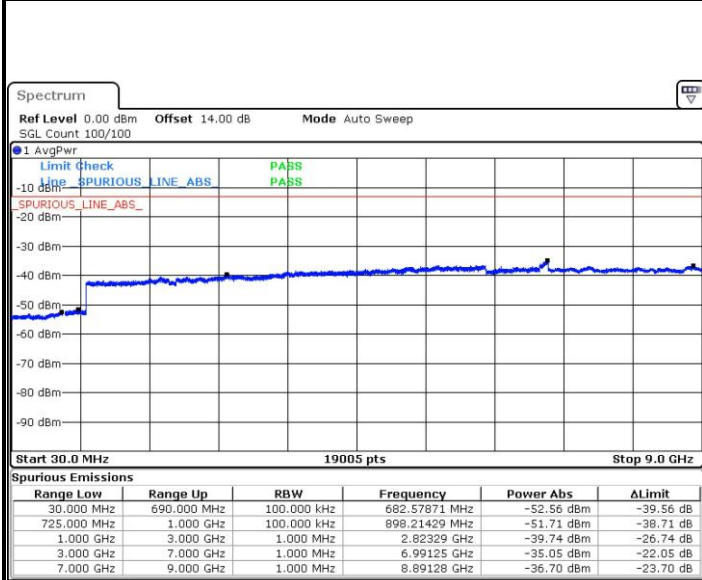


Date: 26.MAY.2017 18:31:56



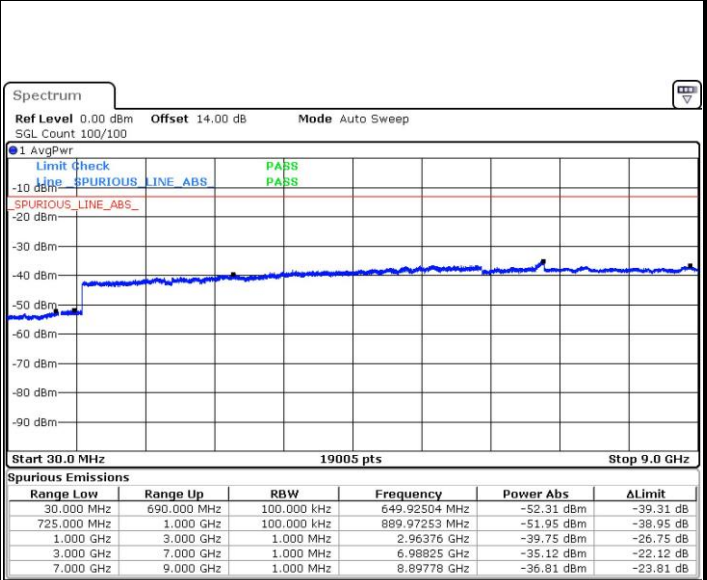
LTE Band 12 / 10MHz

Middle Channel / QPSK



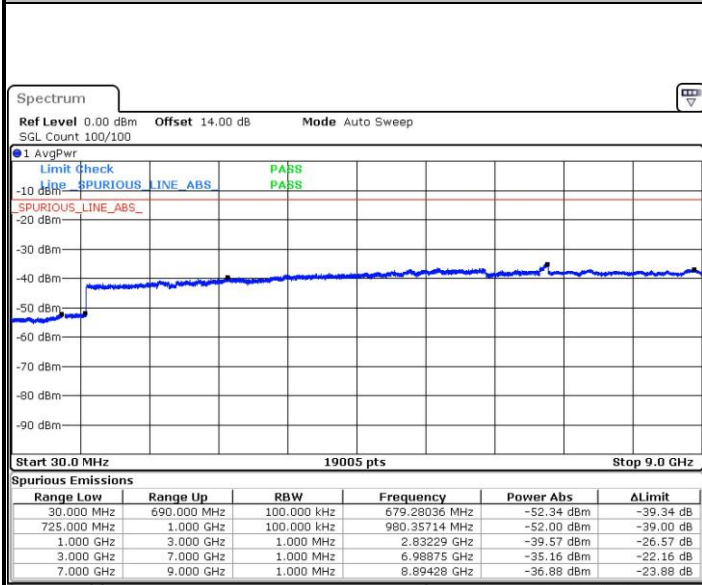
Date: 26.MAY.2017 18:33:36

Middle Channel / 16QAM



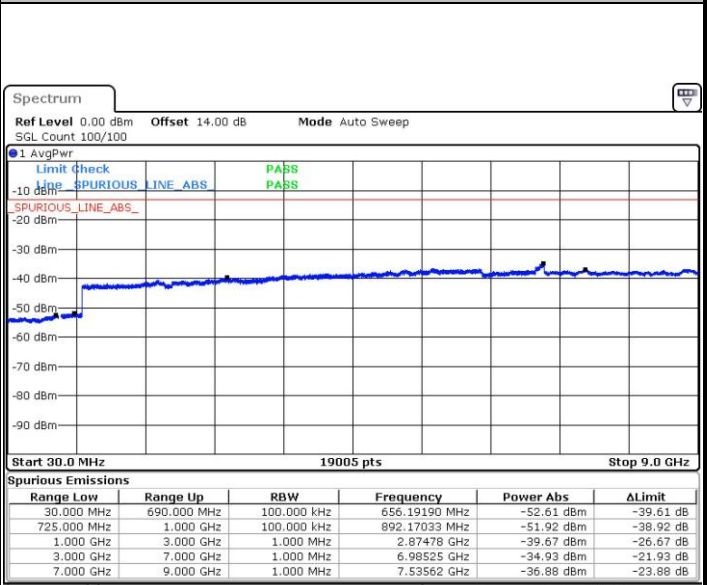
Date: 26.MAY.2017 18:34:32

Highest Channel / QPSK



Date: 26.MAY.2017 18:40:49

Highest Channel / 16QAM



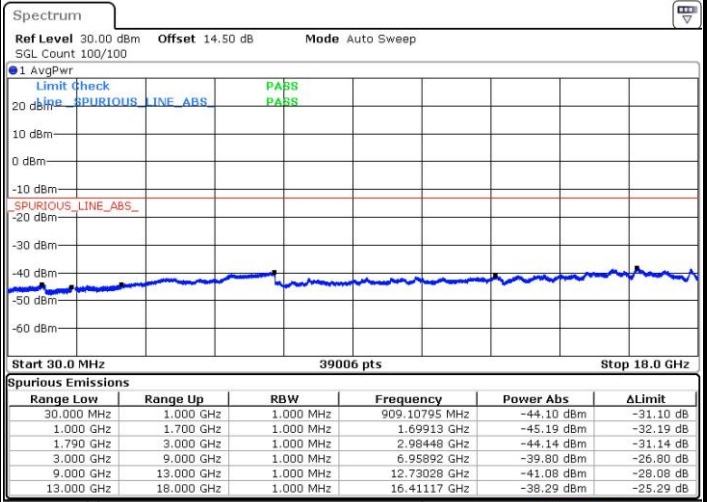
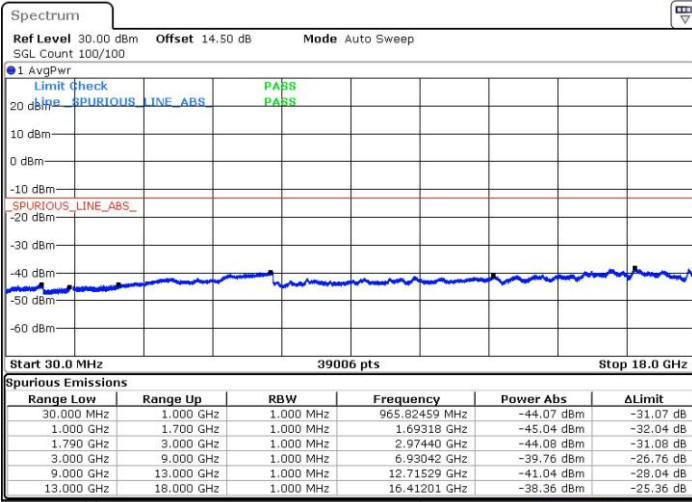
Date: 26.MAY.2017 18:41:45



LTE Band 66 / 1.4MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

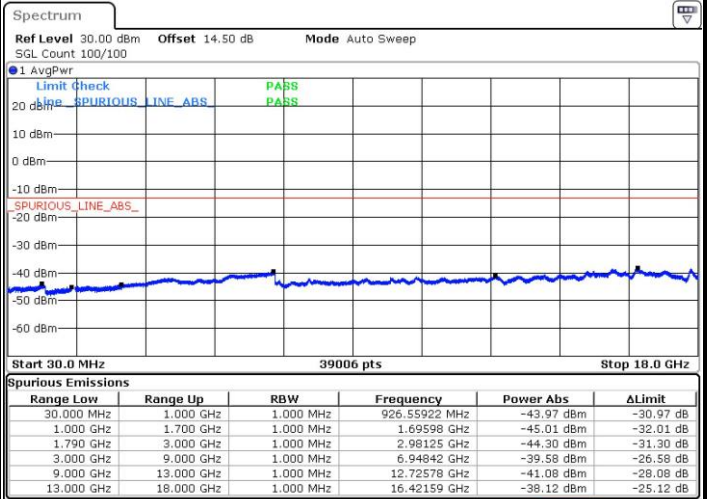
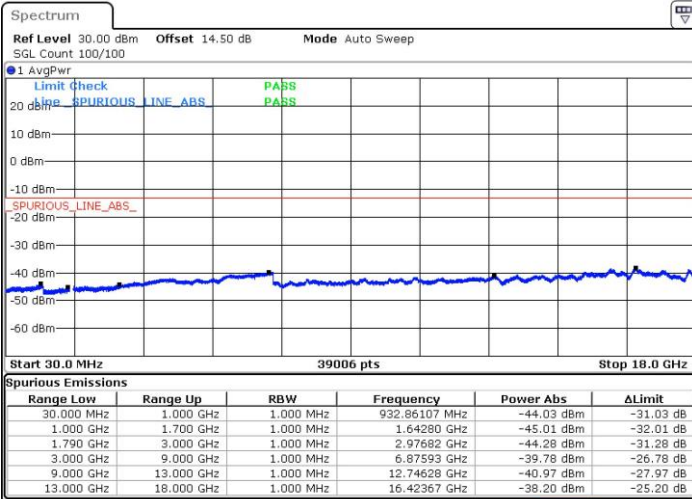


Date: 27.MAY.2017 12:21:51

Date: 27.MAY.2017 12:16:51

Middle Channel / QPSK

Middle Channel / 16QAM



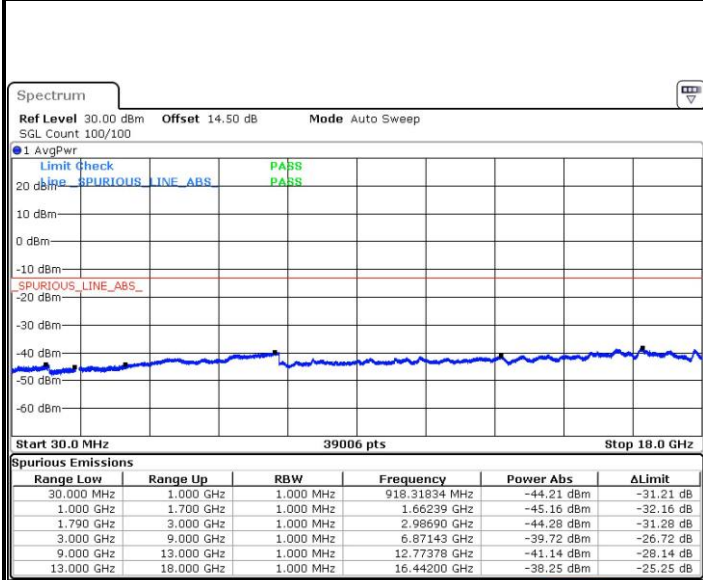
Date: 27.MAY.2017 12:24:12

Date: 27.MAY.2017 12:25:08



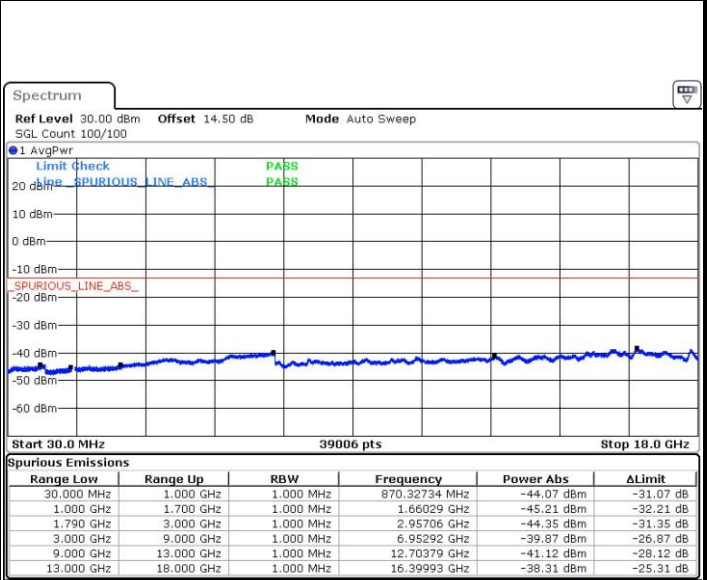
LTE Band 66 / 1.4MHz

Highest Channel / QPSK



Date: 27.MAY.2017 12:37:28

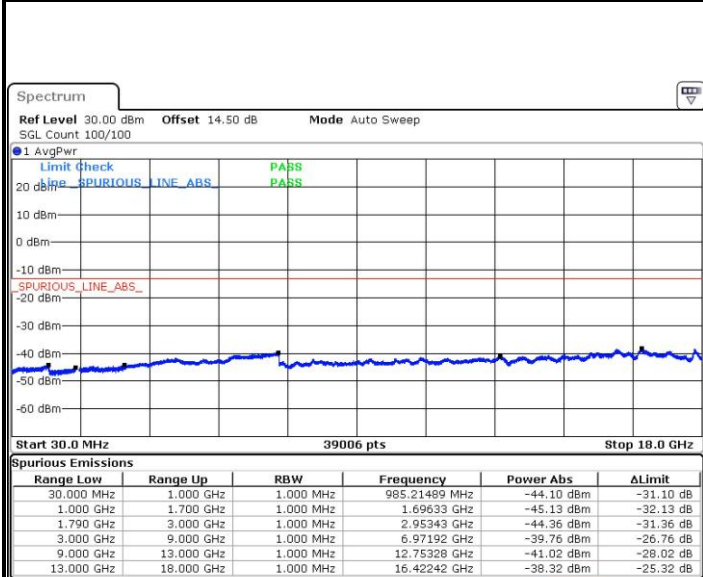
Highest Channel / 16QAM



Date: 27.MAY.2017 12:35:28

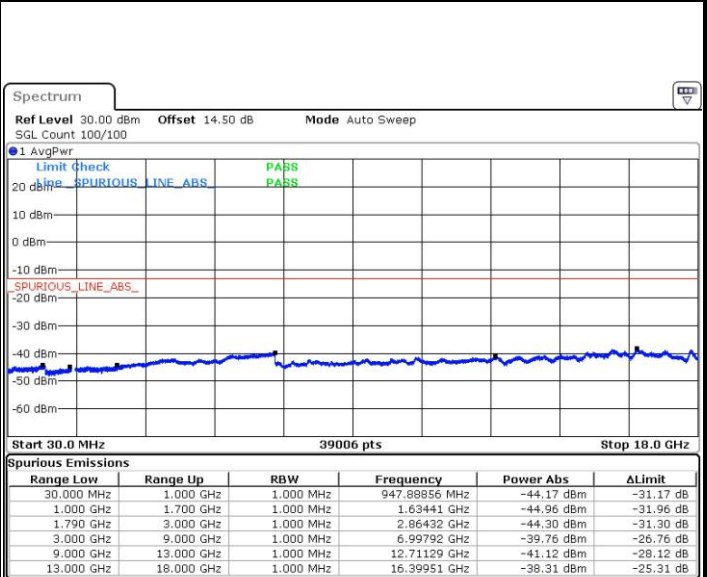
LTE Band 66 / 3MHz

Lowest Channel / QPSK



Date: 27.MAY.2017 14:31:44

Lowest Channel / 16QAM



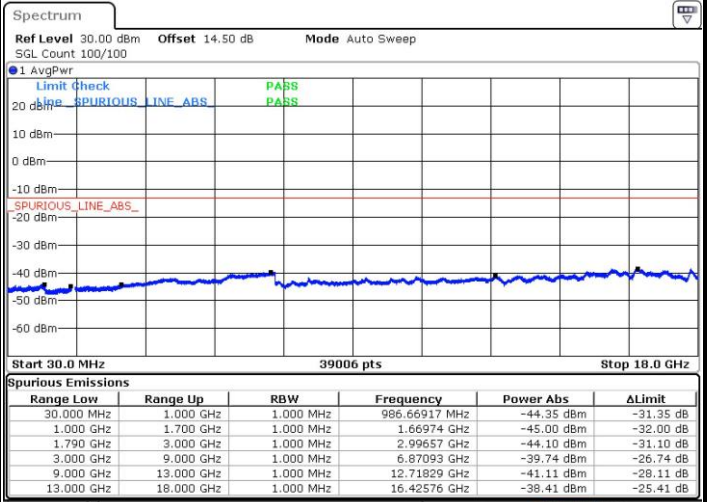
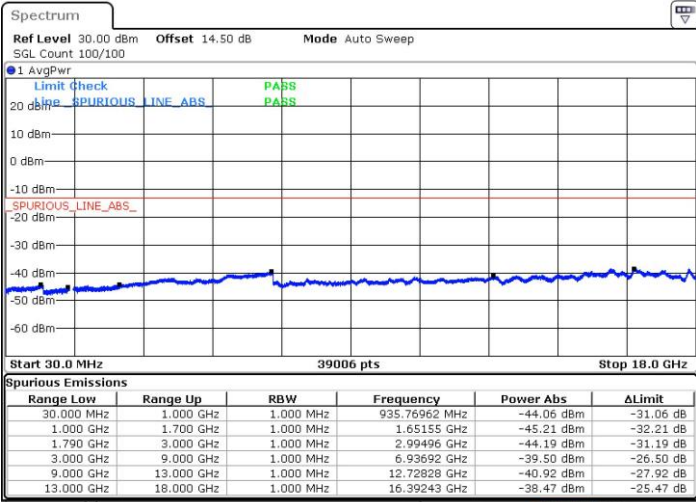
Date: 27.MAY.2017 12:51:47



LTE Band 66 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

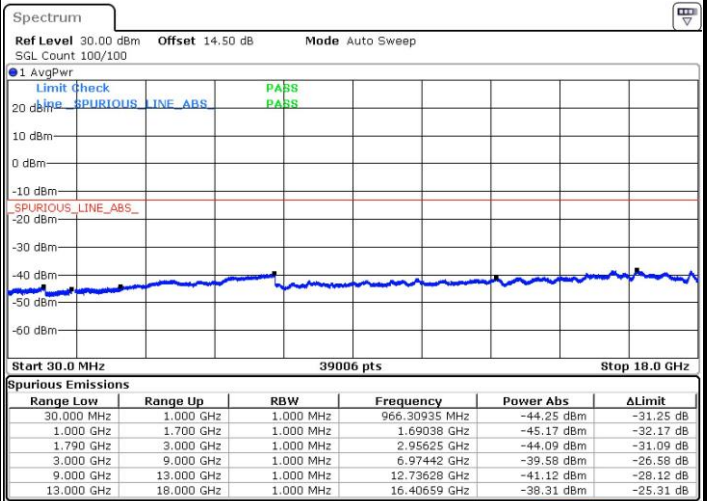
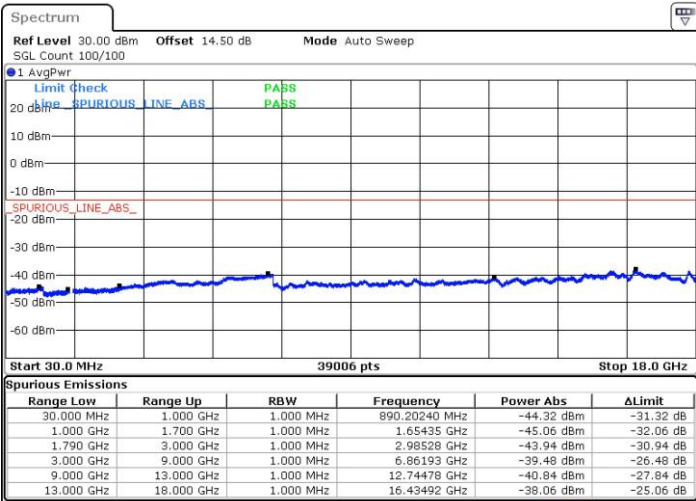


Date: 27.MAY.2017 14:35:49

Date: 27.MAY.2017 14:37:35

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 27.MAY.2017 14:44:42

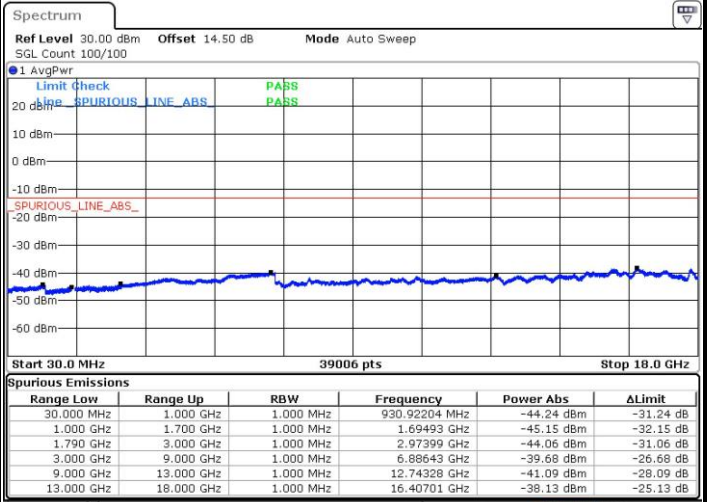
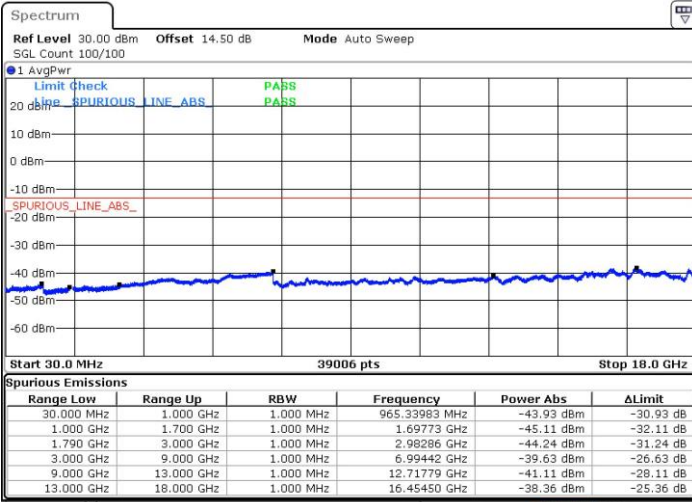
Date: 27.MAY.2017 14:44:03



LTE Band 66 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

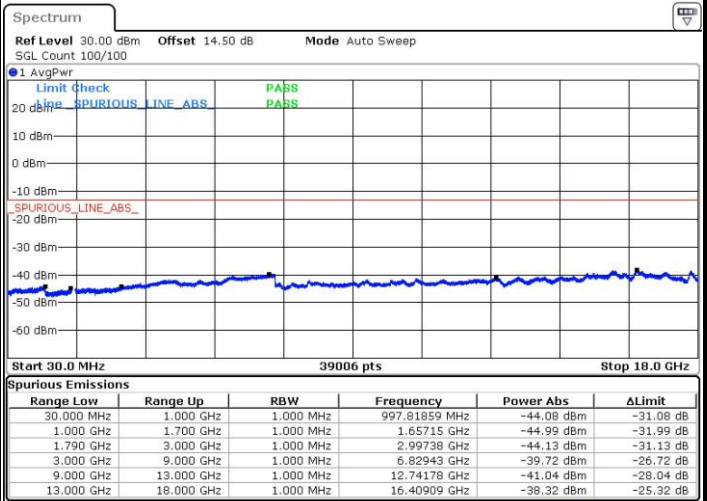
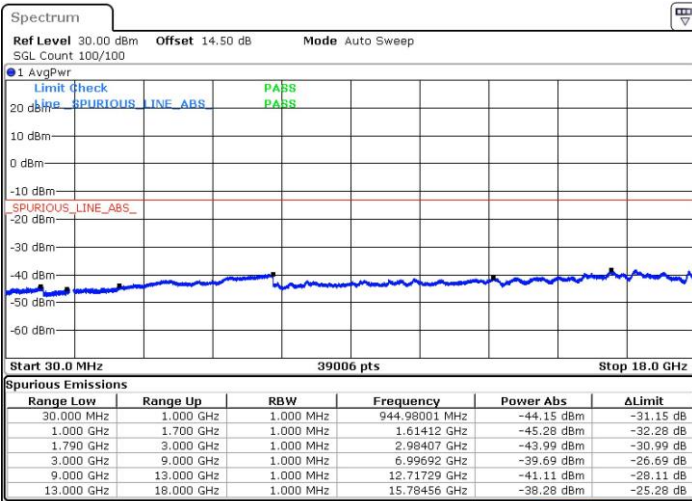


Date: 27.MAY.2017 15:01:34

Date: 27.MAY.2017 14:59:28

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 27.MAY.2017 15:03:48

Date: 27.MAY.2017 15:04:58



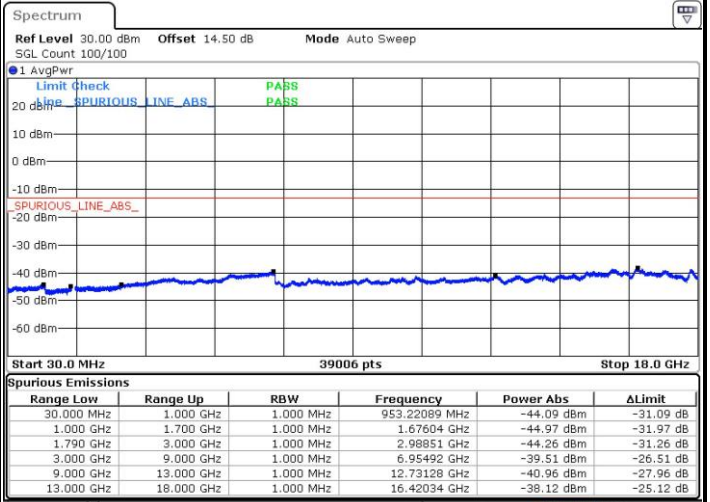
LTE Band 66 / 5MHz

Highest Channel / QPSK



Date: 27.MAY.2017 15:12:17

Highest Channel / 16QAM



Date: 27.MAY.2017 15:11:22

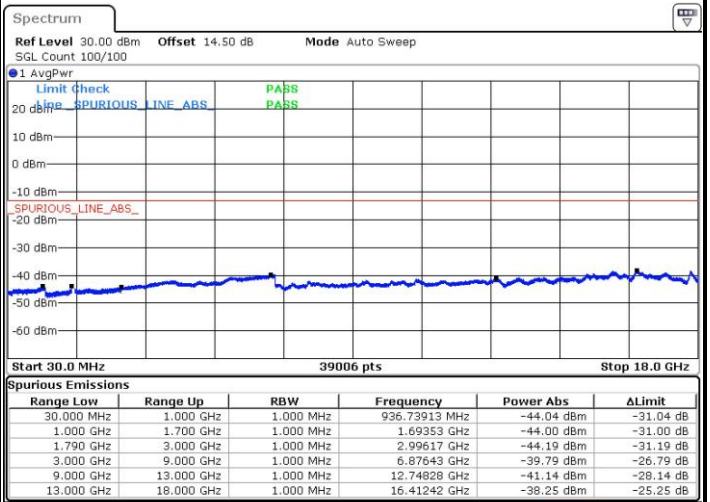
LTE Band 66 / 10MHz

Lowest Channel / QPSK



Date: 27.MAY.2017 15:24:58

Lowest Channel / 16QAM



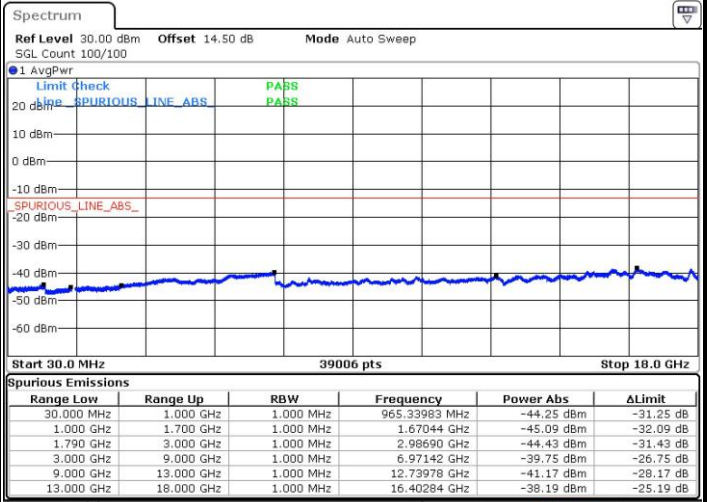
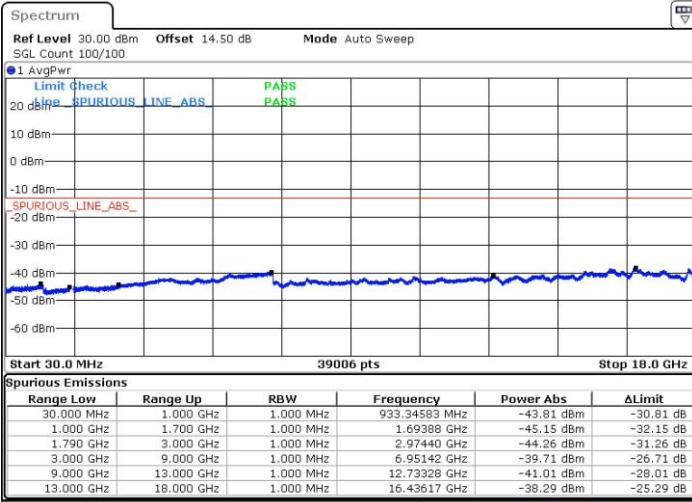
Date: 27.MAY.2017 15:22:34



LTE Band 66 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

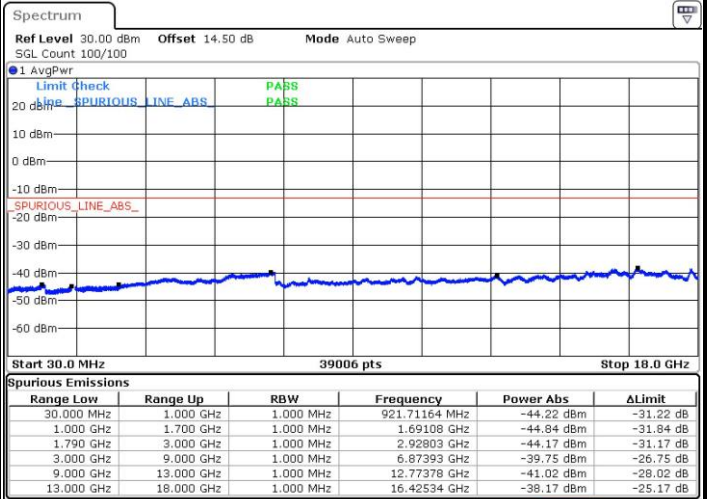
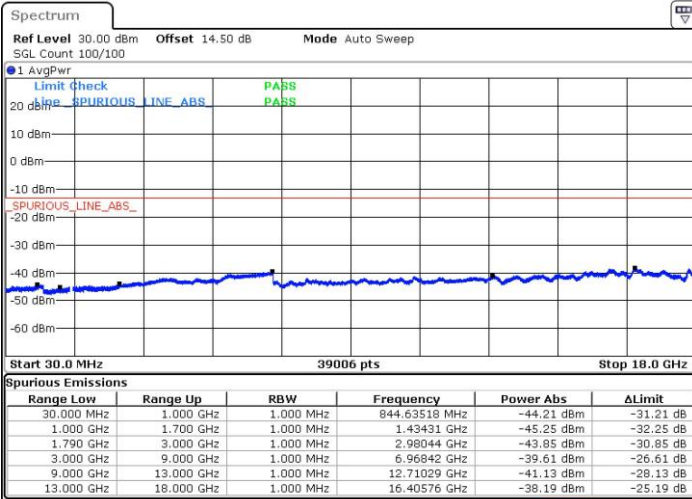


Date: 27.MAY.2017 15:28:02

Date: 27.MAY.2017 15:34:39

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 27.MAY.2017 15:59:17

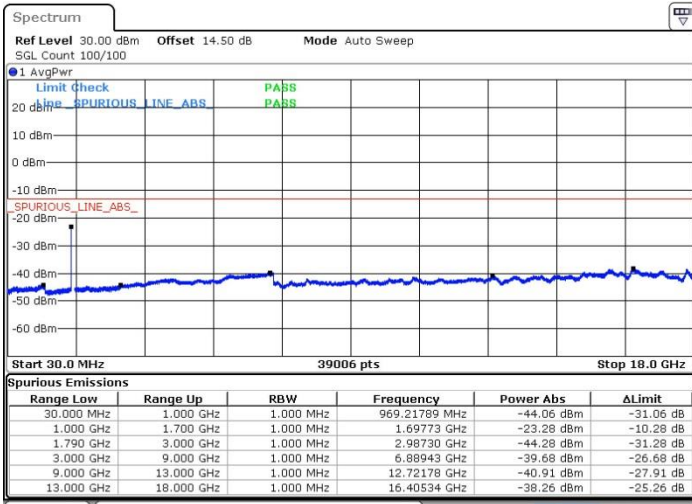
Date: 27.MAY.2017 15:45:07



LTE Band 66 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



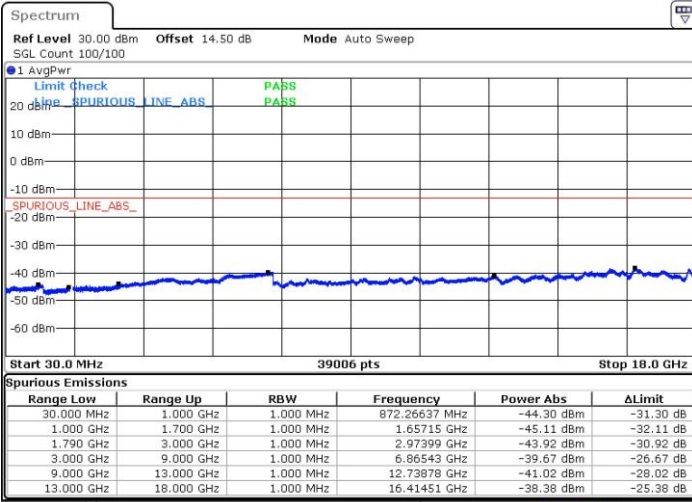
Date: 27.MAY.2017 16:08:16



Date: 27.MAY.2017 16:11:54

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 27.MAY.2017 16:14:28

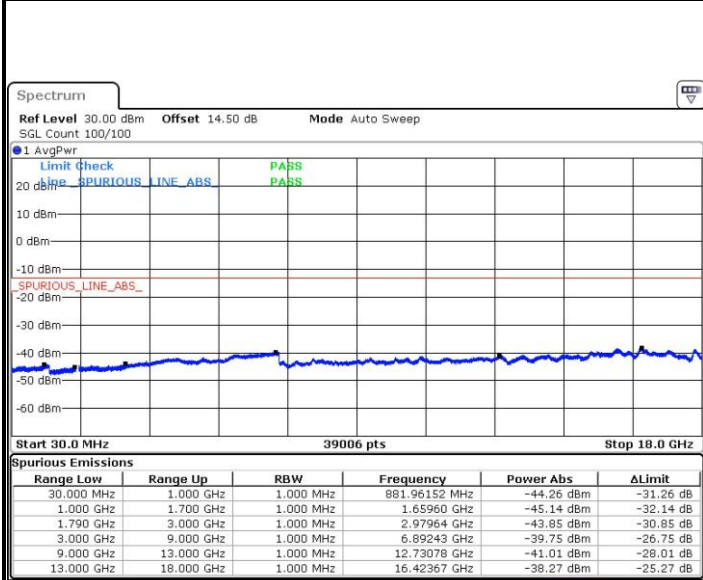


Date: 27.MAY.2017 16:13:22



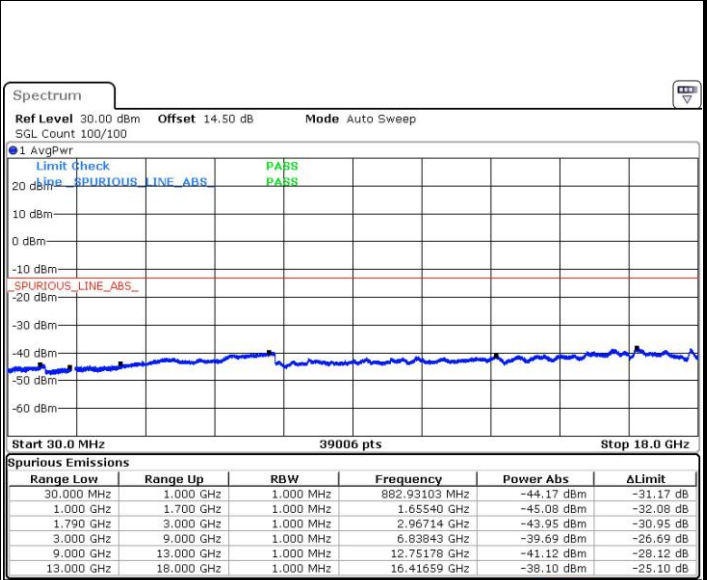
LTE Band 66 / 15MHz

Highest Channel / QPSK



Date: 27.MAY.2017 16:21:44

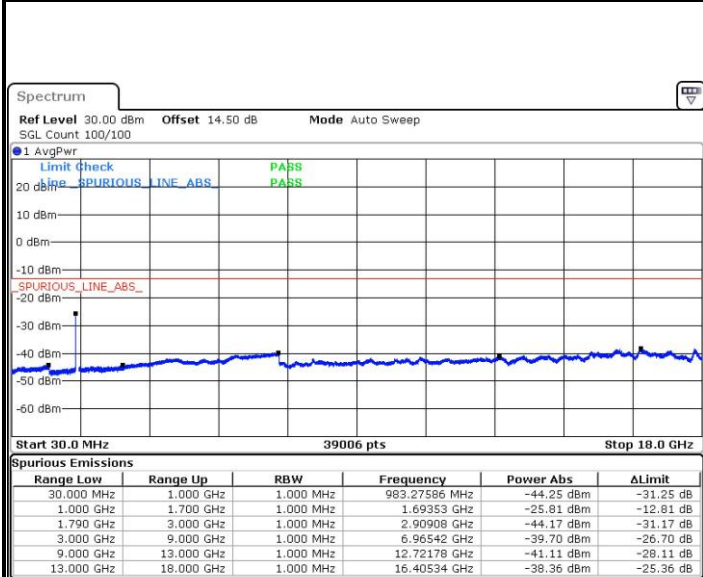
Highest Channel / 16QAM



Date: 27.MAY.2017 16:24:07

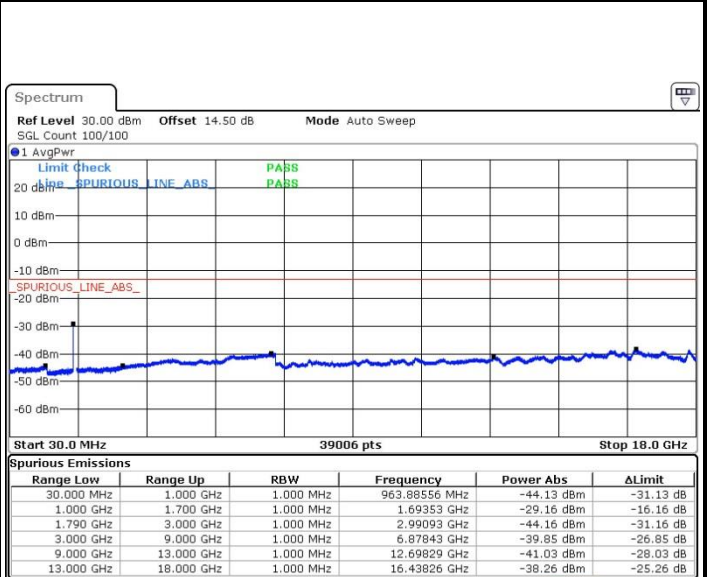
LTE Band 66 / 20MHz

Lowest Channel / QPSK



Date: 27.MAY.2017 16:44:26

Lowest Channel / 16QAM



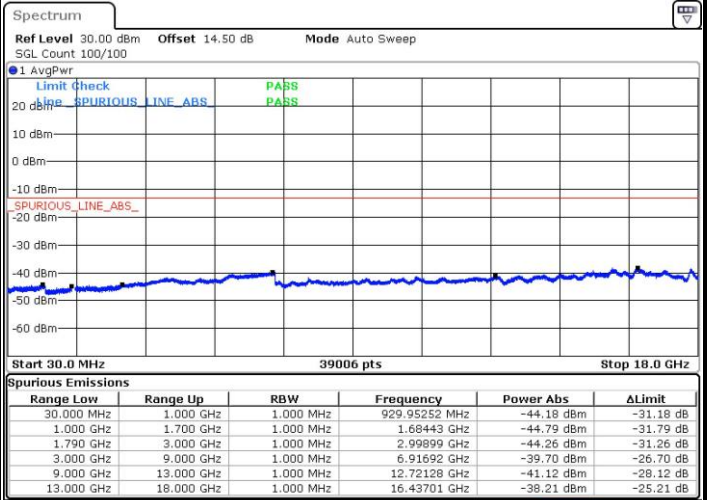
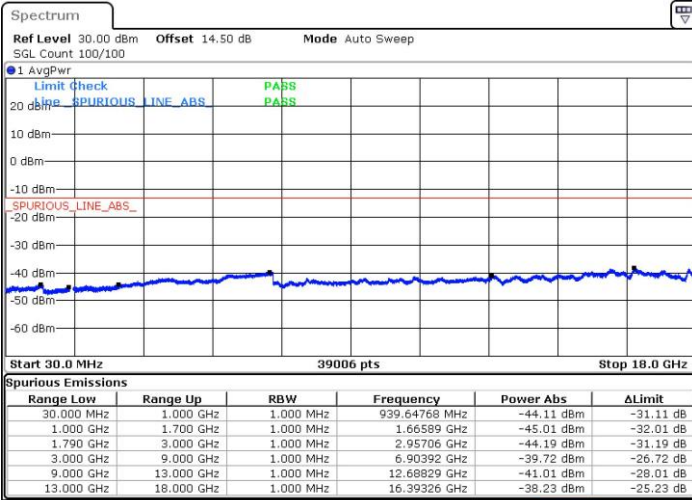
Date: 27.MAY.2017 16:41:26



LTE Band 66 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

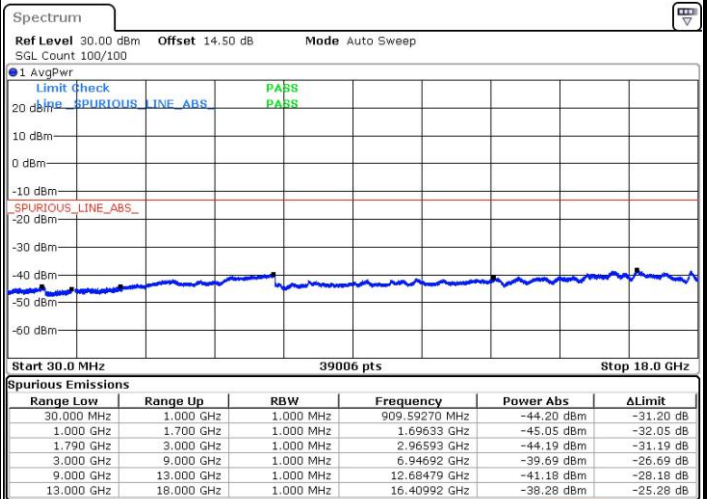
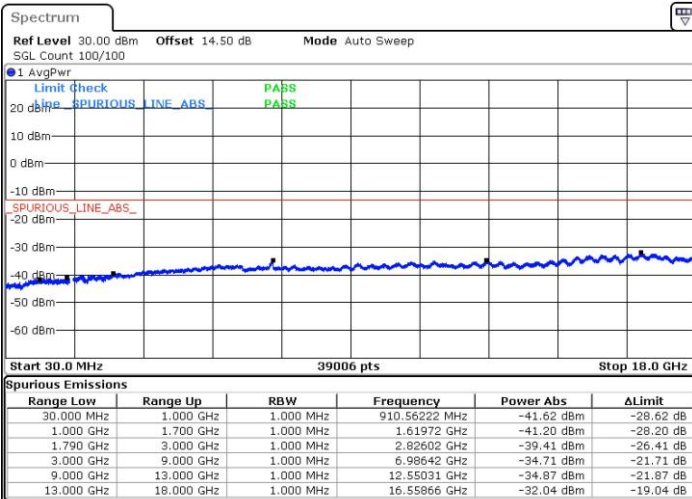


Date: 27.MAY.2017 16:49:15

Date: 27.MAY.2017 16:50:20

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 27.MAY.2017 15:37:14

Date: 27.MAY.2017 16:59:48



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 | 0.0006 | PASS |
| 40 | Normal Voltage | 0.0007 | |
| 30 | Normal Voltage | 0.0015 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0012 | |
| 0 | Normal Voltage | 0.0032 | |
| -10 | Normal Voltage | 0.0030 | |
| -20 | Normal Voltage | 0.0003 | |
| -30 | Normal Voltage | 0.0036 | |
| 20 | Maximum Voltage | 0.0026 | |
| 20 | Normal Voltage | 0.0000 | |
| 20 | Battery End Point | 0.0012 | |

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.4 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 | 0.0038 | PASS |
| 40 | Normal Voltage | 0.0008 | |
| 30 | Normal Voltage | 0.0012 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0009 | |
| 0 | Normal Voltage | 0.0013 | |
| -10 | Normal Voltage | 0.0006 | |
| -20 | Normal Voltage | 0.0029 | |
| -30 | Normal Voltage | 0.0018 | |
| 20 | Maximum Voltage | 0.0010 | |
| 20 | Normal Voltage | 0.0000 | |
| 20 | Battery End Point | 0.0015 | |

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.4 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 | 0.0017 | PASS |
| 40 | Normal Voltage | 0.0009 | |
| 30 | Normal Voltage | 0.0013 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0010 | |
| 0 | Normal Voltage | 0.0003 | |
| -10 | Normal Voltage | 0.0005 | |
| -20 | Normal Voltage | 0.0015 | |
| -30 | Normal Voltage | 0.0000 | |
| 20 | Maximum Voltage | 0.0006 | |
| 20 | Normal Voltage | 0.0000 | |
| 20 | Battery End Point | 0.0019 | |

Note: Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.4 V.



| Test Conditions | | LTE Band 12 (QPSK) / Middle Channel | Limit |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt) | BW 10MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0071 | PASS |
| 40 | Normal Voltage | 0.0057 | |
| 30 | Normal Voltage | 0.0017 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0020 | |
| 0 | Normal Voltage | 0.0086 | |
| -10 | Normal Voltage | 0.0057 | |
| -20 | Normal Voltage | 0.0003 | |
| -30 | Normal Voltage | 0.0065 | |
| 20 | Maximum Voltage | 0.0052 | |
| 20 | Normal Voltage | 0.0000 | |
| 20 | Battery End Point | 0.0073 | |

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



| Test Conditions | | LTE Band 66 (QPSK) / Middle Channel | Limit |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt) | BW 10MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0010 | PASS |
| 40 | Normal Voltage | 0.0025 | |
| 30 | Normal Voltage | 0.0052 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0031 | |
| 0 | Normal Voltage | 0.0004 | |
| -10 | Normal Voltage | 0.0017 | |
| -20 | Normal Voltage | 0.0066 | |
| -30 | Normal Voltage | 0.0044 | |
| 20 | Maximum Voltage | 0.0015 | |
| 20 | Normal Voltage | 0.0000 | |
| 20 | Battery End Point | 0.0007 | |

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.4 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 2 / 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 | 3758.92 | -51.00 | -13 | -38.00 | -70.61 | -58.75 | 4.85 | 12.60 | H |
| | 5638.38 | -58.34 | -13 | -45.34 | -81.79 | -65.86 | 5.58 | 13.10 | H |
| | 7517.84 | -58.15 | -13 | -45.15 | -81.67 | -62.89 | 6.56 | 11.30 | H |
| | 3758.92 | -51.24 | -13 | -38.24 | -71.63 | -58.99 | 4.85 | 12.60 | V |
| | 5638.38 | -57.60 | -13 | -44.60 | -81.65 | -65.12 | 5.58 | 13.10 | V |
| | 7517.84 | -58.06 | -13 | -45.06 | -81.6 | -62.80 | 6.56 | 11.30 | V |

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

| LTE Band 2 / 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 | 3757.48 | -52.99 | -13 | -39.99 | -72.60 | -60.74 | 4.85 | 12.60 | H |
| | 5636.22 | -58.25 | -13 | -45.25 | -81.70 | -65.77 | 5.58 | 13.10 | H |
| | 7514.96 | -58.14 | -13 | -45.14 | -81.66 | -62.88 | 6.56 | 11.30 | H |
| | 3757.48 | -54.06 | -13 | -41.06 | -74.45 | -61.81 | 4.85 | 12.60 | V |
| | 5636.22 | -57.76 | -13 | -44.76 | -81.81 | -65.28 | 5.58 | 13.10 | V |
| | 7514.96 | -58.15 | -13 | -45.15 | -81.69 | -62.89 | 6.56 | 11.30 | V |

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

| LTE Band 2 / 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 | 3755.68 | -54.86 | -13 | -41.86 | -74.47 | -62.61 | 4.85 | 12.60 | H |
| | 5633.52 | -58.18 | -13 | -45.18 | -81.63 | -65.70 | 5.58 | 13.10 | H |
| | 7511.36 | -58.18 | -13 | -45.18 | -81.70 | -62.92 | 6.56 | 11.30 | H |
| | 3755.68 | -55.29 | -13 | -42.29 | -75.68 | -63.04 | 4.85 | 12.60 | V |
| | 5633.52 | -57.57 | -13 | -44.57 | -81.62 | -65.09 | 5.58 | 13.10 | V |
| | 7511.36 | -58.24 | -13 | -45.24 | -81.78 | -62.98 | 6.56 | 11.30 | V |

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



| LTE Band 2 / 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 | 3751.18 | -46.28 | -13 | -33.28 | -65.89 | -54.03 | 4.85 | 12.60 | H |
| | 5626.77 | -58.49 | -13 | -45.49 | -81.94 | -66.01 | 5.58 | 13.10 | H |
| | 7502 | -57.81 | -13 | -44.81 | -81.33 | -62.55 | 6.56 | 11.30 | H |
| | 3751.18 | -47.04 | -13 | -34.04 | -67.43 | -54.79 | 4.85 | 12.60 | V |
| | 5626.77 | -57.01 | -13 | -44.01 | -81.06 | -64.53 | 5.58 | 13.10 | V |
| | 7502 | -58.11 | -13 | -45.11 | -81.65 | -62.85 | 6.56 | 11.30 | V |

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

| LTE Band 2 / 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 | 3746.68 | -58.21 | -13 | -45.21 | -77.82 | -65.96 | 4.85 | 12.60 | H |
| | 5620.02 | -58.22 | -13 | -45.22 | -81.67 | -65.74 | 5.58 | 13.10 | H |
| | 7493.36 | -58.01 | -13 | -45.01 | -81.53 | -62.75 | 6.56 | 11.30 | H |
| | 3746.68 | -58.40 | -13 | -45.40 | -78.79 | -66.15 | 4.85 | 12.60 | V |
| | 5620.02 | -57.70 | -13 | -44.70 | -81.75 | -65.22 | 5.58 | 13.10 | V |
| | 7493.36 | -58.04 | -13 | -45.04 | -81.58 | -62.78 | 6.56 | 11.30 | V |

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

| LTE Band 2 / 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 | 3742.18 | -58.50 | -13 | -45.50 | -78.11 | -66.25 | 4.85 | 12.60 | H |
| | 5613.27 | -58.27 | -13 | -45.27 | -81.72 | -65.79 | 5.58 | 13.10 | H |
| | 7484.36 | -58.28 | -13 | -45.28 | -81.80 | -63.02 | 6.56 | 11.30 | H |
| | 3742.18 | -58.35 | -13 | -45.35 | -78.74 | -66.10 | 4.85 | 12.60 | V |
| | 5613.27 | -57.65 | -13 | -44.65 | -81.7 | -65.17 | 5.58 | 13.10 | V |
| | 7484.36 | -58.10 | -13 | -45.10 | -81.64 | -62.84 | 6.56 | 11.30 | V |

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



| 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 | -51.28 | -13 | -38.28 | -70.61 | -59.51 | 4.37 | 12.60 | H |
| | 5195.61 | -57.81 | -13 | -44.81 | -81.97 | -65.57 | 4.94 | 12.70 | H |
| | 6927.48 | -57.79 | -13 | -44.79 | -81.70 | -63.17 | 6.32 | 11.70 | H |
| | 3463.74 | -58.13 | -13 | -45.13 | -74.21 | -66.36 | 4.37 | 12.60 | V |
| | 5195.61 | -62.06 | -13 | -49.06 | -81.57 | -69.82 | 4.94 | 12.70 | V |
| | 6927.48 | -57.61 | -13 | -44.61 | -81.52 | -62.99 | 6.32 | 11.70 | 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 | -50.13 | -13 | -37.13 | -69.46 | -58.36 | 4.37 | 12.60 | H |
| | 5193.72 | -57.66 | -13 | -44.66 | -81.82 | -65.42 | 4.94 | 12.70 | H |
| | 6924.96 | -57.72 | -13 | -44.72 | -81.63 | -63.10 | 6.32 | 11.70 | H |
| | 3462.48 | -55.41 | -13 | -42.41 | -71.49 | -63.64 | 4.37 | 12.60 | V |
| | 5193.72 | -62.53 | -13 | -49.53 | -82.04 | -70.29 | 4.94 | 12.70 | V |
| | 6924.96 | -57.68 | -13 | -44.68 | -81.59 | -63.06 | 6.32 | 11.70 | 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 | -50.47 | -13 | -37.47 | -69.80 | -58.70 | 4.37 | 12.60 | H |
| | 5191.02 | -57.82 | -13 | -44.82 | -81.98 | -65.58 | 4.94 | 12.70 | H |
| | 6921.36 | -57.51 | -13 | -44.51 | -81.42 | -62.89 | 6.32 | 11.70 | H |
| | 3460.68 | -55.91 | -13 | -42.91 | -71.99 | -64.14 | 4.37 | 12.60 | V |
| | 5191.02 | -62.55 | -13 | -49.55 | -82.06 | -70.31 | 4.94 | 12.70 | V |
| | 6921.36 | -57.87 | -13 | -44.87 | -81.78 | -63.25 | 6.32 | 11.70 | 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 | -51.39 | -13 | -38.39 | -70.72 | -59.62 | 4.37 | 12.60 | H |
| | 5184.27 | -57.91 | -13 | -44.91 | -82.07 | -65.67 | 4.94 | 12.70 | H |
| | 6912.36 | -57.82 | -13 | -44.82 | -81.73 | -63.20 | 6.32 | 11.70 | H |
| | 3456.18 | -57.03 | -13 | -44.03 | -73.11 | -65.26 | 4.37 | 12.60 | V |
| | 5184.27 | -62.29 | -13 | -49.29 | -81.8 | -70.05 | 4.94 | 12.70 | V |
| | 6912.36 | -57.64 | -13 | -44.64 | -81.55 | -63.02 | 6.32 | 11.70 | 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 | -51.84 | -13 | -38.84 | -71.17 | -60.07 | 4.37 | 12.60 | H |
| | 5177.52 | -57.54 | -13 | -44.54 | -81.70 | -65.30 | 4.94 | 12.70 | H |
| | 6903.36 | -57.87 | -13 | -44.87 | -81.78 | -63.25 | 6.32 | 11.70 | H |
| | 3451.68 | -56.25 | -13 | -43.25 | -72.33 | -64.48 | 4.37 | 12.60 | V |
| | 5177.52 | -62.45 | -13 | -49.45 | -81.96 | -70.21 | 4.94 | 12.70 | V |
| | 6903.36 | -57.91 | -13 | -44.91 | -81.82 | -63.29 | 6.32 | 11.70 | 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 | -51.23 | -13 | -38.23 | -70.56 | -59.46 | 4.37 | 12.60 | H |
| | 5170.77 | -56.77 | -13 | -43.77 | -80.93 | -64.53 | 4.94 | 12.70 | H |
| | 6894.36 | -57.96 | -13 | -44.96 | -81.87 | -63.34 | 6.32 | 11.70 | H |
| | 3447.18 | -55.35 | -13 | -42.35 | -71.43 | -63.58 | 4.37 | 12.60 | V |
| | 5170.77 | -62.11 | -13 | -49.11 | -81.62 | -69.87 | 4.94 | 12.70 | V |
| | 6894.36 | -57.43 | -13 | -44.43 | -81.34 | -62.81 | 6.32 | 11.70 | 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 | 1671.92 | -71.24 | -13 | -58.24 | -76.80 | -75.65 | 2.84 | 9.40 | H |
| | 2507.88 | -68.41 | -13 | -55.41 | -78.83 | -73.16 | 3.70 | 10.60 | H |
| | 3343.84 | -66.12 | -13 | -53.12 | -80.88 | -72.20 | 4.37 | 12.60 | H |
| | 1671.92 | -71.98 | -13 | -58.98 | -76.69 | -76.39 | 2.84 | 9.40 | V |
| | 2507.88 | -69.17 | -13 | -56.17 | -79.00 | -73.92 | 3.70 | 10.60 | V |
| | 3343.84 | -67.16 | -13 | -54.16 | -80.73 | -73.24 | 4.37 | 12.60 | 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 | 1670.48 | -71.00 | -13 | -58.00 | -76.56 | -75.41 | 2.84 | 9.40 | H |
| | 2505.72 | -68.43 | -13 | -55.43 | -78.85 | -73.18 | 3.70 | 10.60 | H |
| | 3340.96 | -65.85 | -13 | -52.85 | -80.61 | -71.93 | 4.37 | 12.60 | H |
| | 1670.48 | -71.82 | -13 | -58.82 | -76.53 | -76.23 | 2.84 | 9.40 | V |
| | 2505.72 | -68.95 | -13 | -55.95 | -78.78 | -73.70 | 3.70 | 10.60 | V |
| | 3340.96 | -67.07 | -13 | -54.07 | -80.64 | -73.15 | 4.37 | 12.60 | 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 | 1668.68 | -70.86 | -13 | -57.86 | -76.42 | -75.27 | 2.84 | 9.40 | H |
| | 2503.02 | -68.26 | -13 | -55.26 | -78.68 | -73.01 | 3.70 | 10.60 | H |
| | 3337.36 | -65.65 | -13 | -52.65 | -80.41 | -71.73 | 4.37 | 12.60 | H |
| | 1668.68 | -71.61 | -13 | -58.61 | -76.32 | -76.02 | 2.84 | 9.40 | V |
| | 2503.02 | -68.93 | -13 | -55.93 | -78.76 | -73.68 | 3.70 | 10.60 | V |
| | 3337.36 | -67.04 | -13 | -54.04 | -80.61 | -73.12 | 4.37 | 12.60 | 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 | 1664.18 | -71.09 | -13 | -58.09 | -76.65 | -75.50 | 2.84 | 9.40 | H |
| | 2496.27 | -68.39 | -13 | -55.39 | -78.81 | -73.14 | 3.70 | 10.60 | H |
| | 3328.36 | -66.04 | -13 | -53.04 | -80.80 | -72.12 | 4.37 | 12.60 | H |
| | 1664.18 | -71.83 | -13 | -58.83 | -76.54 | -76.24 | 2.84 | 9.40 | V |
| | 2496.27 | -69.03 | -13 | -56.03 | -78.86 | -73.78 | 3.70 | 10.60 | V |
| | 3328.36 | -67.12 | -13 | -54.12 | -80.69 | -73.20 | 4.37 | 12.60 | V |

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



| LTE Band 12 / 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 | 1413.74 | -70.67 | -13 | -57.67 | -76.23 | -75.08 | 2.84 | 9.40 | H |
| | 2120.61 | -68.58 | -13 | -55.58 | -79.00 | -73.33 | 3.70 | 10.60 | H |
| | 2827.48 | -64.28 | -13 | -51.28 | -79.04 | -70.36 | 4.37 | 12.60 | H |
| | 1413.74 | -71.53 | -13 | -58.53 | -76.24 | -75.94 | 2.84 | 9.40 | V |
| | 2120.61 | -69.25 | -13 | -56.25 | -79.08 | -74.00 | 3.70 | 10.60 | V |
| | 2827.48 | -65.26 | -13 | -52.26 | -78.83 | -71.34 | 4.37 | 12.60 | V |

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

| LTE Band 12 / 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 | 1412.3 | -70.77 | -13 | -57.77 | -76.33 | -75.18 | 2.84 | 9.40 | H |
| | 2118.45 | -68.53 | -13 | -55.53 | -78.95 | -73.28 | 3.70 | 10.60 | H |
| | 2824.6 | -64.18 | -13 | -51.18 | -78.94 | -70.26 | 4.37 | 12.60 | H |
| | 1412.3 | -71.48 | -13 | -58.48 | -76.19 | -75.89 | 2.84 | 9.40 | V |
| | 2118.45 | -69.10 | -13 | -56.10 | -78.93 | -73.85 | 3.70 | 10.60 | V |
| | 2824.6 | -65.42 | -13 | -52.42 | -78.99 | -71.50 | 4.37 | 12.60 | V |

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



| LTE Band 12 / 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 | 1410.5 | -70.69 | -13 | -57.69 | -76.25 | -75.10 | 2.84 | 9.40 | H |
| | 2115.75 | -68.53 | -13 | -55.53 | -78.95 | -73.28 | 3.70 | 10.60 | H |
| | 2821 | -64.13 | -13 | -51.13 | -78.89 | -70.21 | 4.37 | 12.60 | H |
| | 1410.5 | -71.45 | -13 | -58.45 | -76.16 | -75.86 | 2.84 | 9.40 | V |
| | 2115.75 | -69.05 | -13 | -56.05 | -78.88 | -73.80 | 3.70 | 10.60 | V |
| | 2821 | -65.25 | -13 | -52.25 | -78.82 | -71.33 | 4.37 | 12.60 | V |

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

| LTE Band 12 / 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 | 1406 | -70.65 | -13 | -57.65 | -76.21 | -75.06 | 2.84 | 9.40 | H |
| | 2109 | -68.37 | -13 | -55.37 | -78.79 | -73.12 | 3.7 | 10.60 | H |
| | 2812 | -64.14 | -13 | -51.14 | -78.90 | -70.22 | 4.37 | 12.60 | H |
| | 1406 | -71.37 | -13 | -58.37 | -76.08 | -75.78 | 2.84 | 9.40 | V |
| | 2109 | -69.06 | -13 | -56.06 | -78.89 | -73.81 | 3.70 | 10.60 | V |
| | 2812 | -65.40 | -13 | -52.40 | -78.97 | -71.48 | 4.37 | 12.60 | V |

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



| LTE Band 66 / 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 | 3508.74 | -48.41 | -13 | -35.41 | -67.74 | -56.64 | 4.37 | 12.60 | H |
| | 5263.11 | -56.32 | -13 | -43.32 | -80.48 | -64.08 | 4.94 | 12.70 | H |
| | 7017.48 | -56.12 | -13 | -43.12 | -80.03 | -61.50 | 6.32 | 11.70 | H |
| | 3508.74 | -47.49 | -13 | -34.49 | -63.57 | -55.72 | 4.37 | 12.60 | V |
| | 5263.11 | -62.61 | -13 | -49.61 | -82.12 | -70.37 | 4.94 | 12.70 | V |
| | 7017.48 | -58.13 | -13 | -45.13 | -82.04 | -63.51 | 6.32 | 11.70 | V |

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

| LTE Band 66 / 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 | 3507.3 | -52.36 | -13 | -39.36 | -71.69 | -60.59 | 4.37 | 12.60 | H |
| | 5260.95 | -56.72 | -13 | -43.72 | -80.88 | -64.48 | 4.94 | 12.70 | H |
| | 7014.6 | -56.21 | -13 | -43.21 | -80.12 | -61.59 | 6.32 | 11.70 | H |
| | 3507.3 | -48.42 | -13 | -35.42 | -64.5 | -56.65 | 4.37 | 12.60 | V |
| | 5260.95 | -62.73 | -13 | -49.73 | -82.24 | -70.49 | 4.94 | 12.70 | V |
| | 7014.6 | -57.94 | -13 | -44.94 | -81.85 | -63.32 | 6.32 | 11.70 | V |

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

| LTE Band 66 / 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 | 3505.5 | -51.43 | -13 | -38.43 | -70.76 | -59.66 | 4.37 | 12.60 | H |
| | 5258.25 | -56.14 | -13 | -43.14 | -80.30 | -63.90 | 4.94 | 12.70 | H |
| | 7011 | -55.79 | -13 | -42.79 | -79.70 | -61.17 | 6.32 | 11.70 | H |
| | 3505.5 | -47.94 | -13 | -34.94 | -64.02 | -56.17 | 4.37 | 12.60 | V |
| | 5258.25 | -62.47 | -13 | -49.47 | -81.98 | -70.23 | 4.94 | 12.70 | V |
| | 7011 | -57.77 | -13 | -44.77 | -81.68 | -63.15 | 6.32 | 11.70 | V |

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



| LTE Band 66 / 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 | 3501 | -50.59 | -13 | -37.59 | -69.92 | -58.82 | 4.37 | 12.60 | H |
| | 5251.5 | -56.44 | -13 | -43.44 | -80.60 | -64.20 | 4.94 | 12.70 | H |
| | 7002 | -55.93 | -13 | -42.93 | -79.84 | -61.31 | 6.32 | 11.70 | H |
| | 3501 | -51.37 | -13 | -38.37 | -67.45 | -59.60 | 4.37 | 12.60 | V |
| | 5251.5 | -62.42 | -13 | -49.42 | -81.93 | -70.18 | 4.94 | 12.70 | V |
| | 7002 | -57.76 | -13 | -44.76 | -81.67 | -63.14 | 6.32 | 11.70 | V |

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

| LTE Band 66 / 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 | 3496.5 | -50.81 | -13 | -37.81 | -70.14 | -59.04 | 4.37 | 12.60 | H |
| | 5244.75 | -68.22 | -13 | -55.22 | -78.88 | -75.98 | 4.94 | 12.70 | H |
| | 6993 | -56.79 | -13 | -43.79 | -80.70 | -62.17 | 6.32 | 11.70 | H |
| | 3496.5 | -52.14 | -13 | -39.14 | -68.22 | -60.37 | 4.37 | 12.60 | V |
| | 5244.75 | -62.62 | -13 | -49.62 | -82.13 | -70.38 | 4.94 | 12.70 | V |
| | 6993 | -57.79 | -13 | -44.79 | -81.7 | -63.17 | 6.32 | 11.70 | V |

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

| LTE Band 66 / 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 | 3492 | -52.14 | -13 | -39.14 | -71.47 | -60.37 | 4.37 | 12.60 | H |
| | 5238 | -53.86 | -13 | -40.86 | -78.02 | -61.62 | 4.94 | 12.70 | H |
| | 6984 | -56.82 | -13 | -43.82 | -80.73 | -62.20 | 6.32 | 11.70 | H |
| | 3492 | -52.19 | -13 | -39.19 | -68.27 | -60.42 | 4.37 | 12.60 | V |
| | 5238 | -61.95 | -13 | -48.95 | -81.46 | -69.71 | 4.94 | 12.70 | V |
| | 6984 | -57.48 | -13 | -44.48 | -81.39 | -62.86 | 6.32 | 11.70 | V |

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