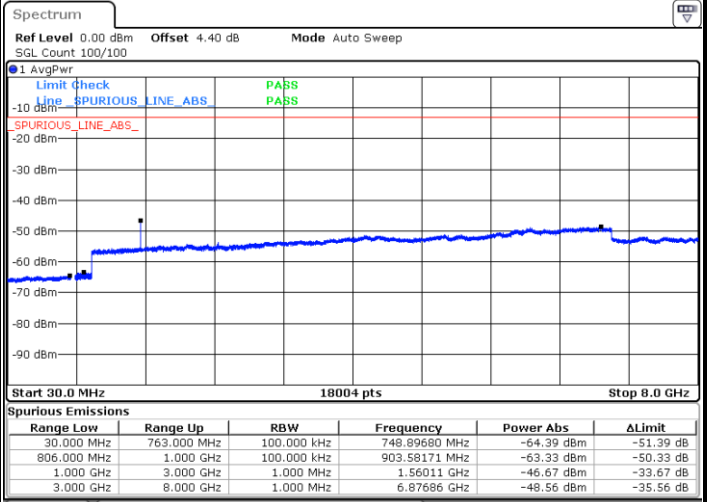
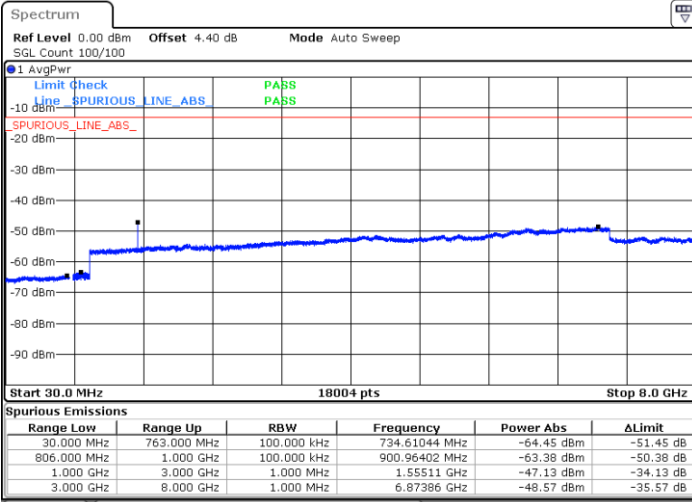




LTE Band 13 / 5MHz

Lowest Channel / 64QAM

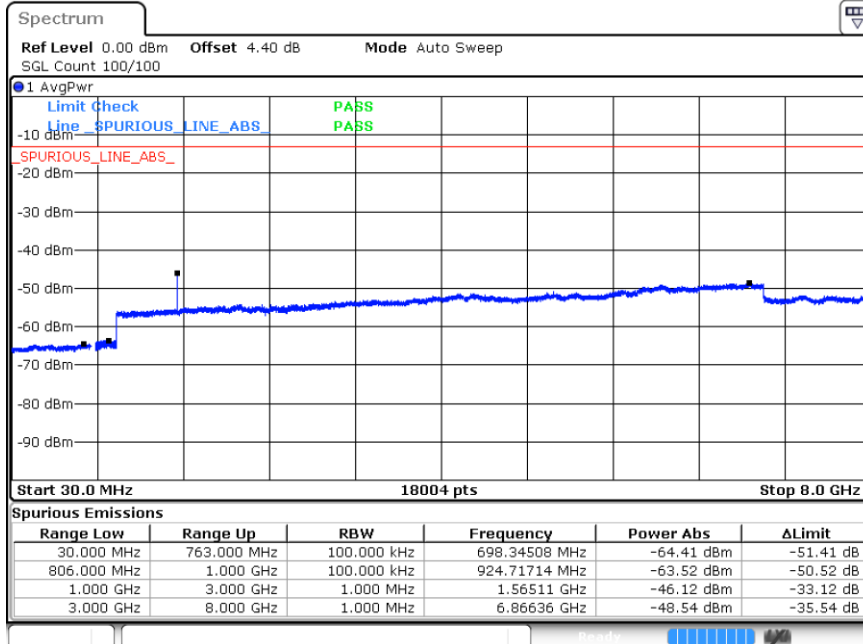
Middle Channel / 64QAM



Date: 22.MAY.2018 15:39:06

Date: 22.MAY.2018 15:40:23

Highest Channel / 64QAM

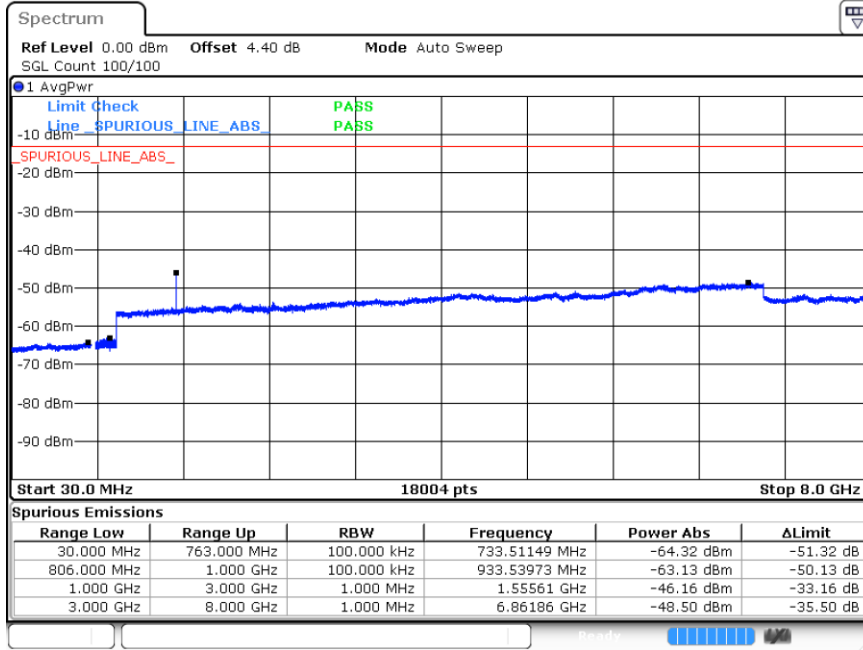


Date: 22.MAY.2018 15:44:56



LTE Band 13 / 10MHz

Middle Channel / 64QAM



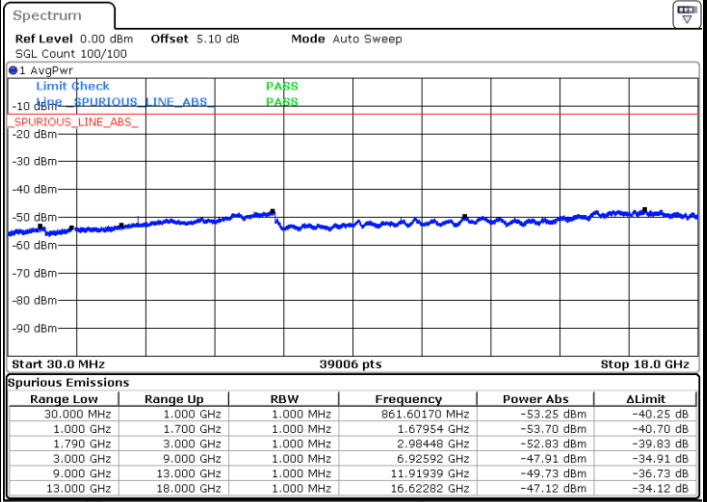
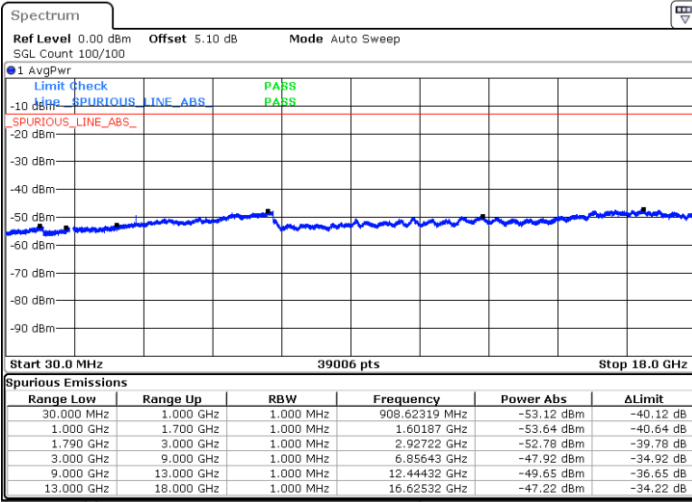
Date: 22.MAY.2018 15:45:51



LTE Band 66 / 1.4MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

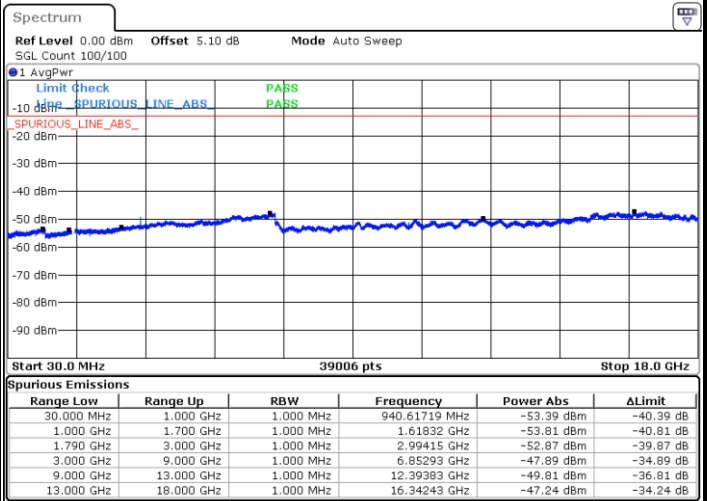
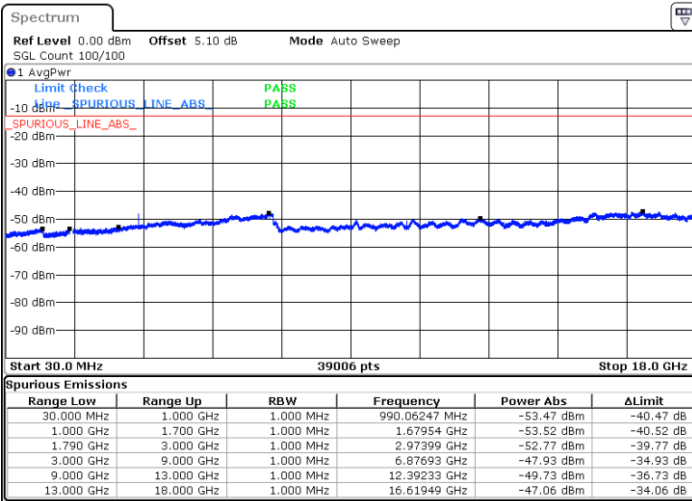


Date: 23 MAY 2018 11:49:16

Date: 23 MAY 2018 11:48:29

Middle Channel / QPSK

Middle Channel / 16QAM



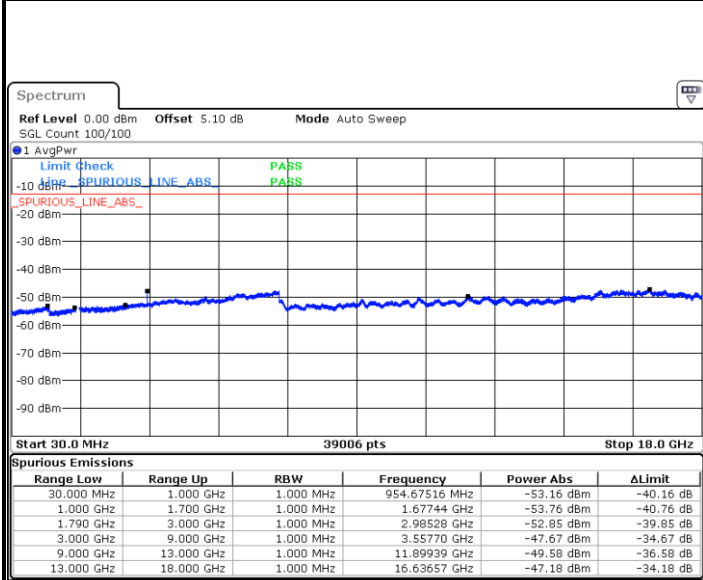
Date: 23 MAY 2018 11:45:06

Date: 23 MAY 2018 11:45:57



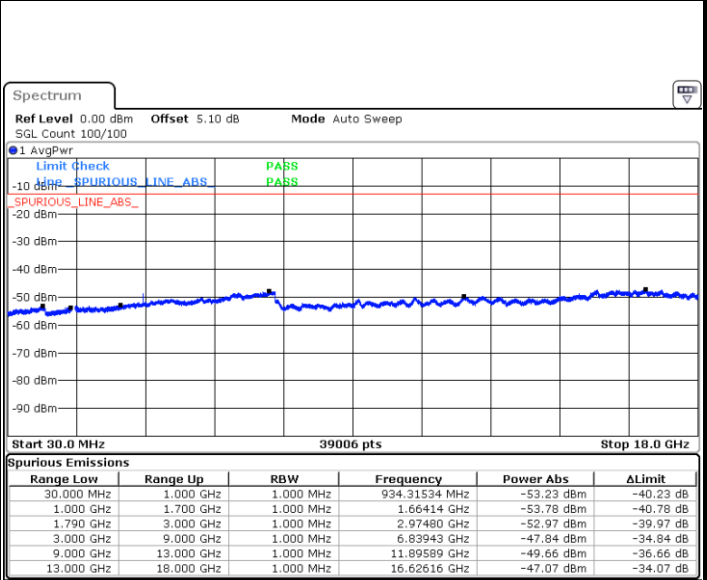
LTE Band 66 / 1.4MHz

Highest Channel / QPSK



Date: 23 MAY 2018 11:44:11

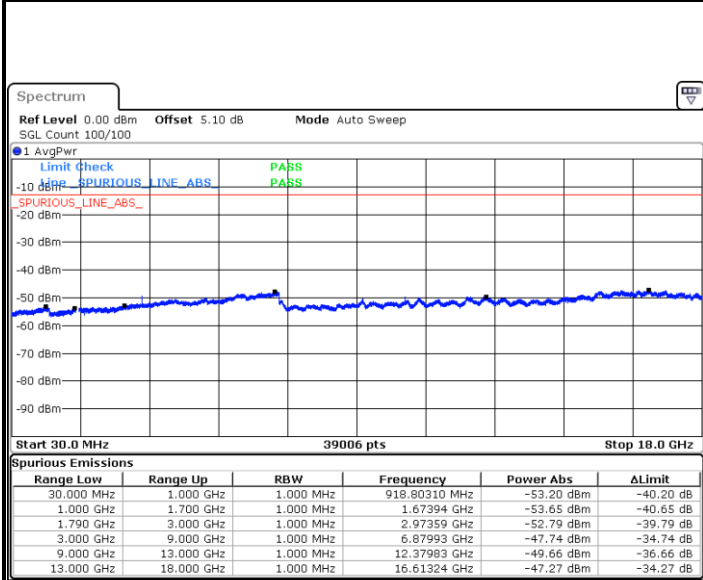
Highest Channel / 16QAM



Date: 23 MAY 2018 11:43:32

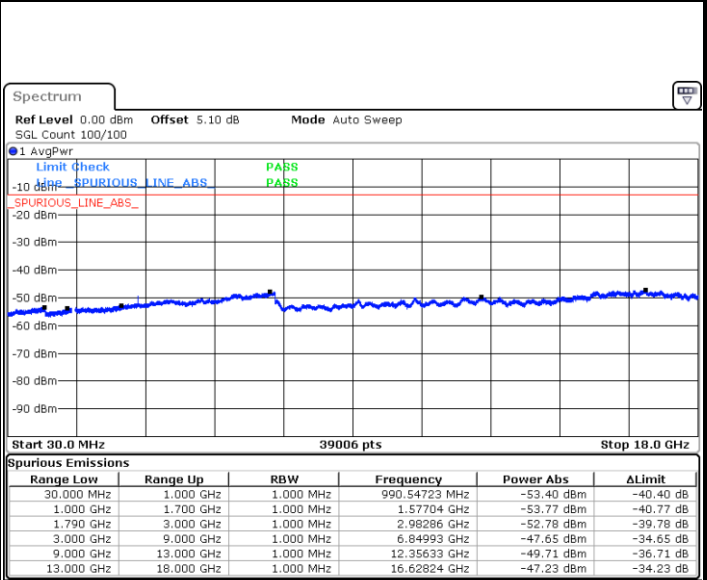
LTE Band 66 / 3MHz

Lowest Channel / QPSK



Date: 23 MAY 2018 14:01:15

Lowest Channel / 16QAM



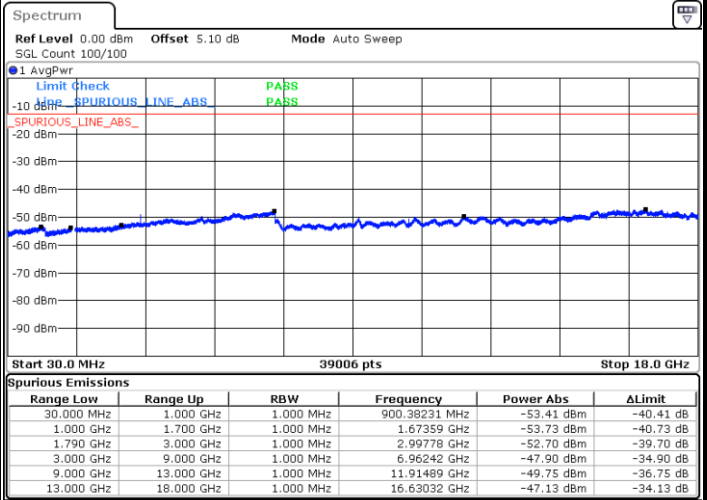
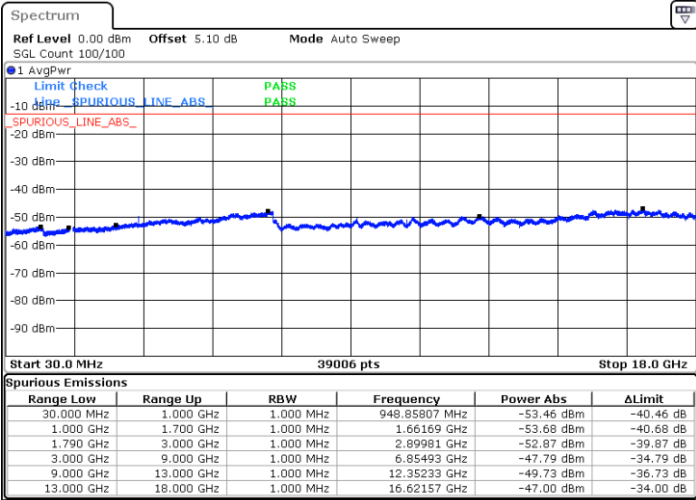
Date: 23 MAY 2018 14:00:30



LTE Band 66 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

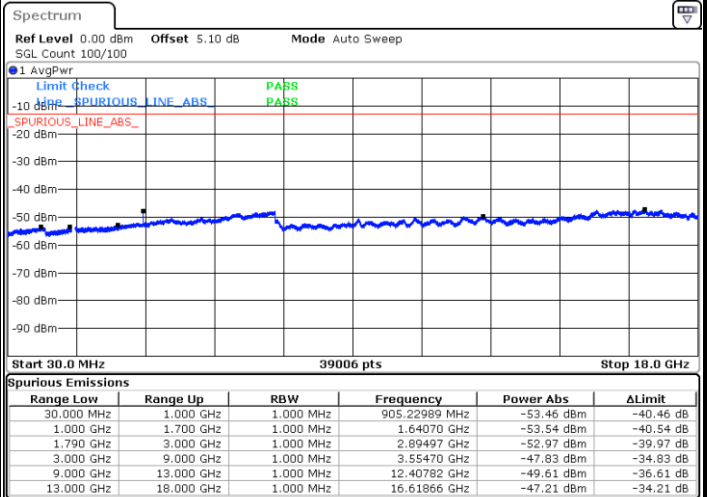
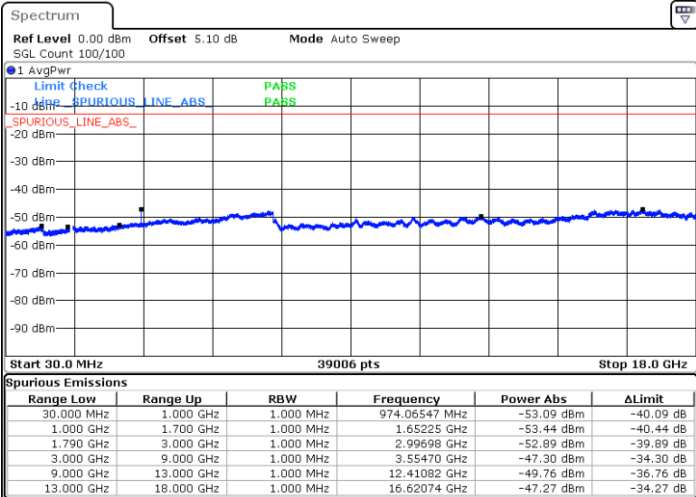


Date: 23 MAY 2018 13:57:35

Date: 23 MAY 2018 13:58:16

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 23 MAY 2018 13:56:34

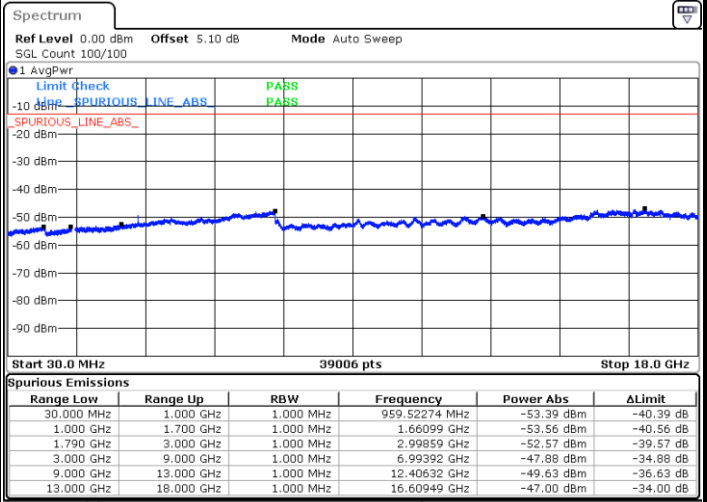
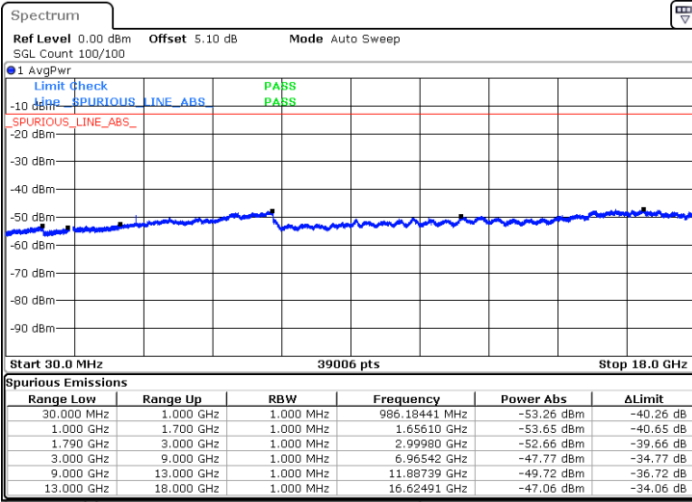
Date: 23 MAY 2018 13:55:12



LTE Band 66 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

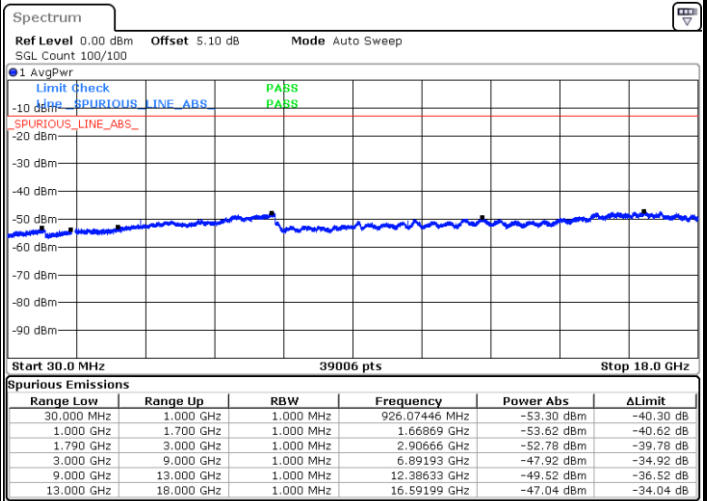
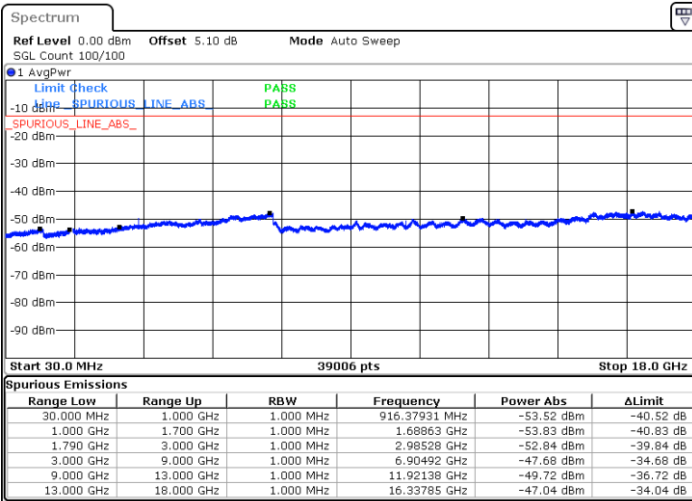


Date: 23 MAY 2018 14:30:25

Date: 23 MAY 2018 14:28:33

Middle Channel / QPSK

Middle Channel / 16QAM



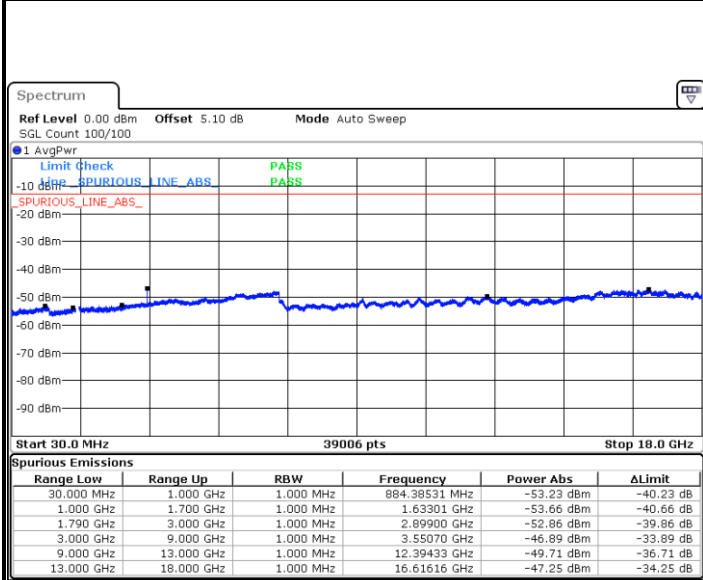
Date: 23 MAY 2018 14:23:58

Date: 23 MAY 2018 14:25:01



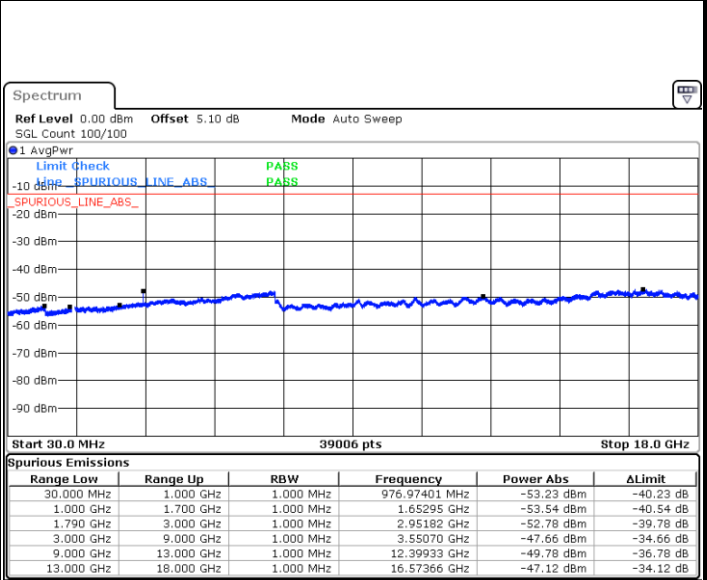
LTE Band 66 / 5MHz

Highest Channel / QPSK



Date: 23 MAY 2018 14:23:02

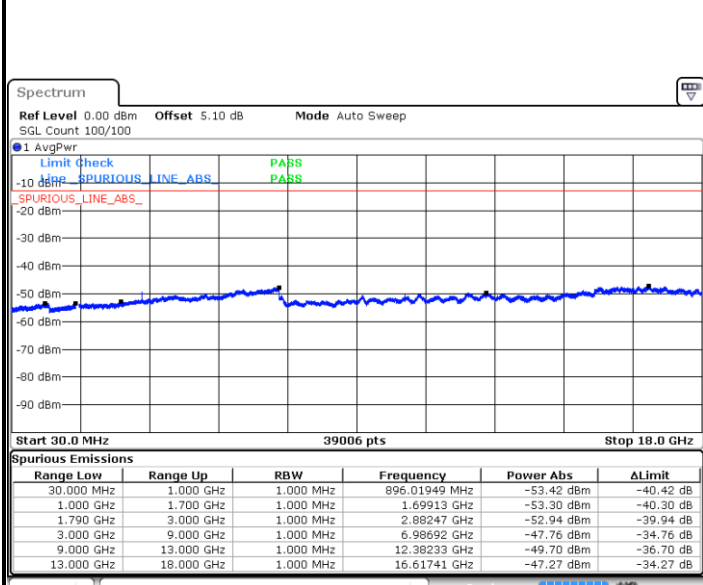
Highest Channel / 16QAM



Date: 23 MAY 2018 14:22:24

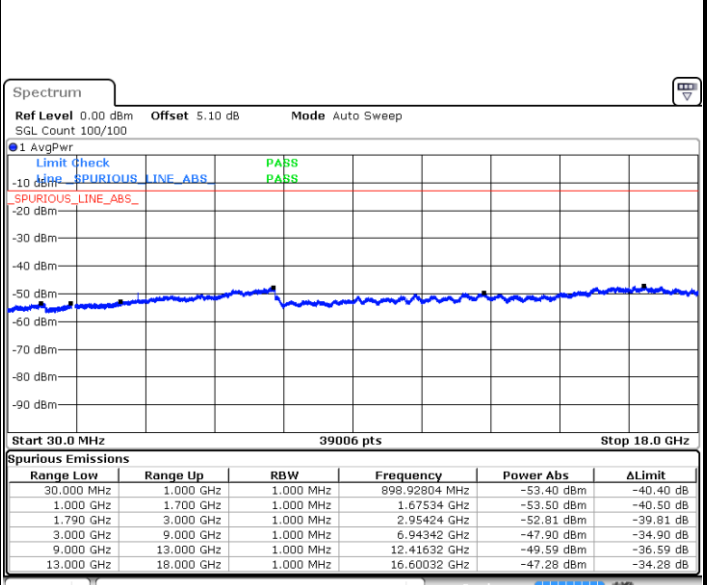
LTE Band 66 / 10MHz

Lowest Channel / QPSK



Date: 23 MAY 2018 15:02:11

Lowest Channel / 16QAM



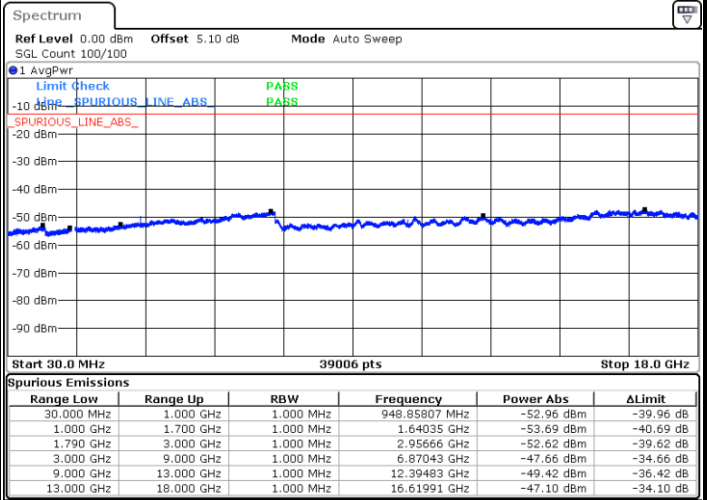
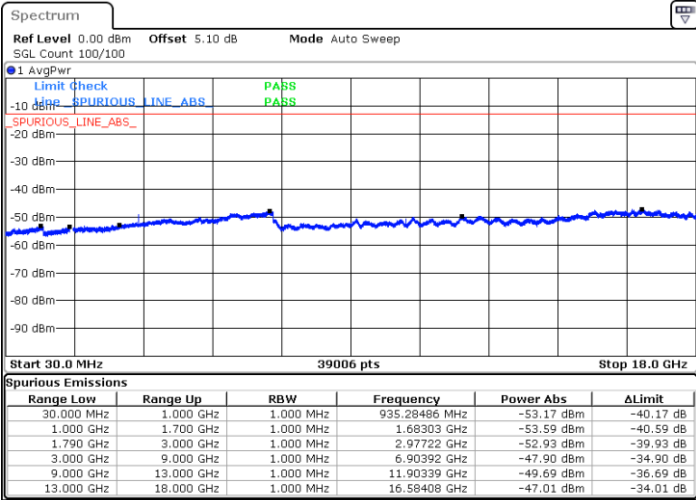
Date: 23 MAY 2018 15:01:29



LTE Band 66 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

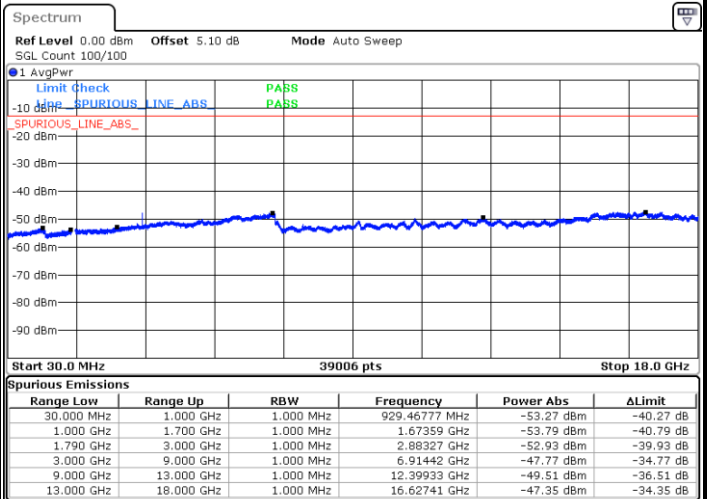
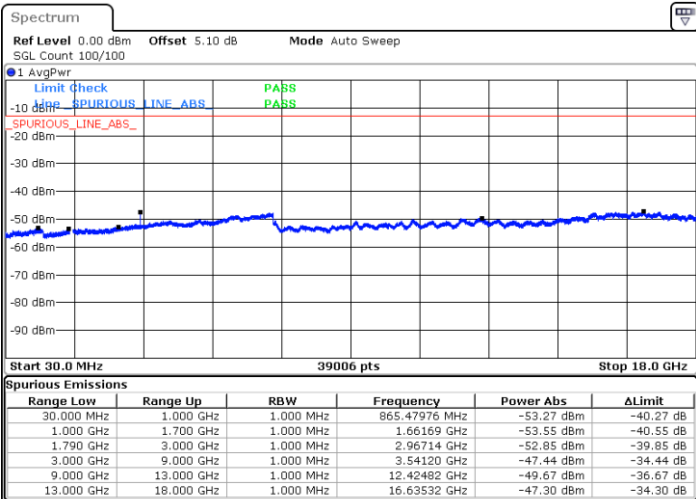


Date: 23 MAY 2018 14:55:39

Date: 23 MAY 2018 14:57:30

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 23 MAY 2018 14:54:27

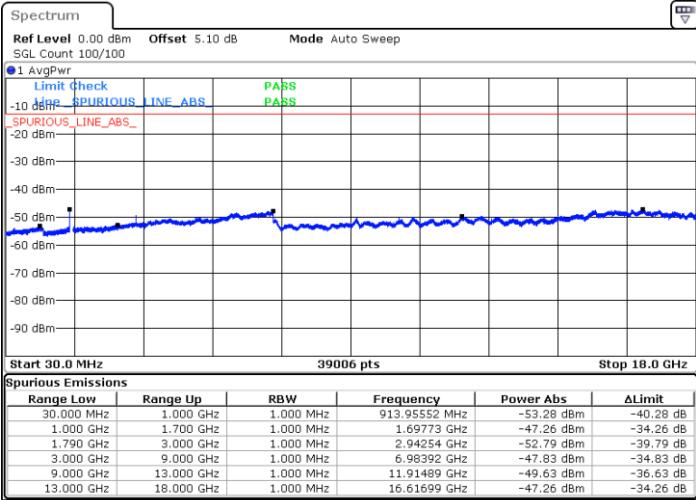
Date: 23 MAY 2018 14:53:48



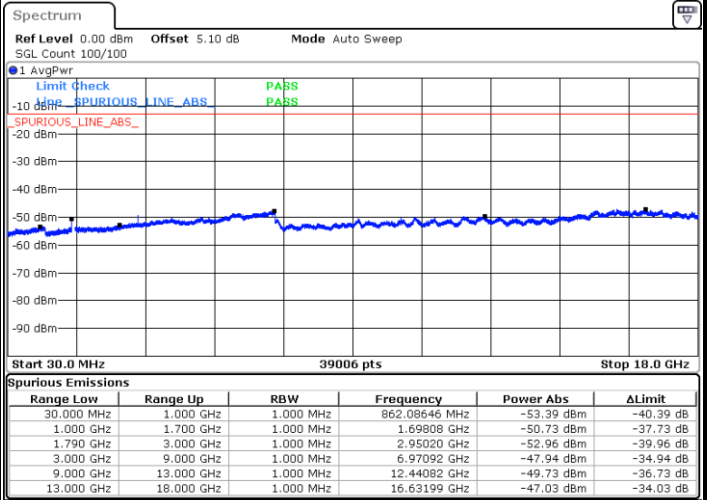
LTE Band 66 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



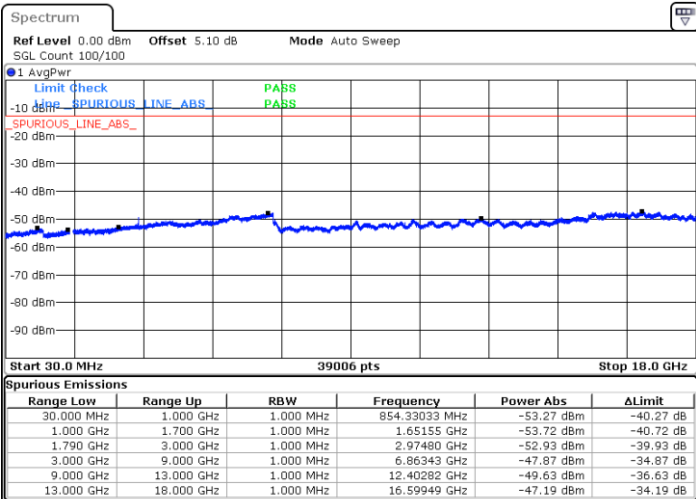
Date: 23 MAY 2018 15:18:52



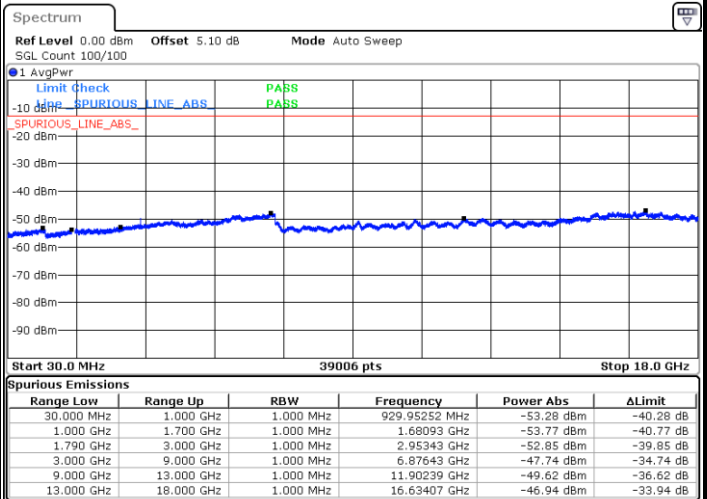
Date: 23 MAY 2018 15:18:13

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 23 MAY 2018 15:14:48

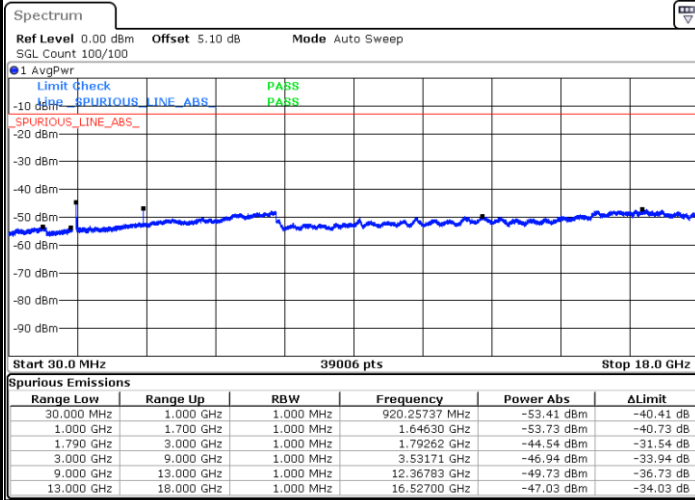


Date: 23 MAY 2018 15:15:31



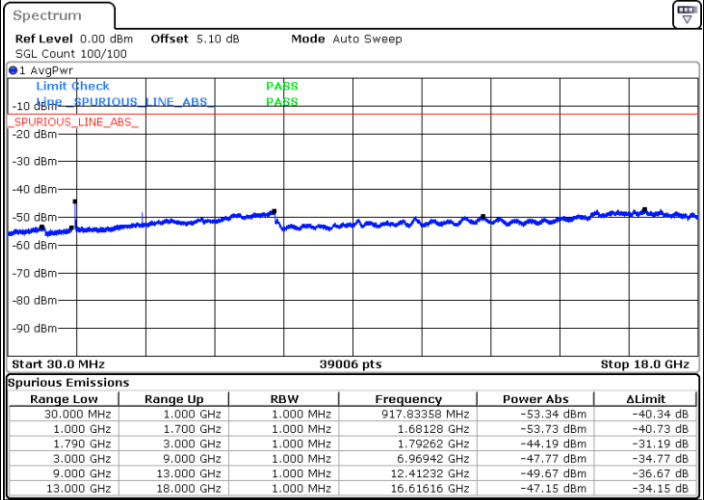
LTE Band 66 / 15MHz

Highest Channel / QPSK



Date: 23 MAY 2018 15:13:52

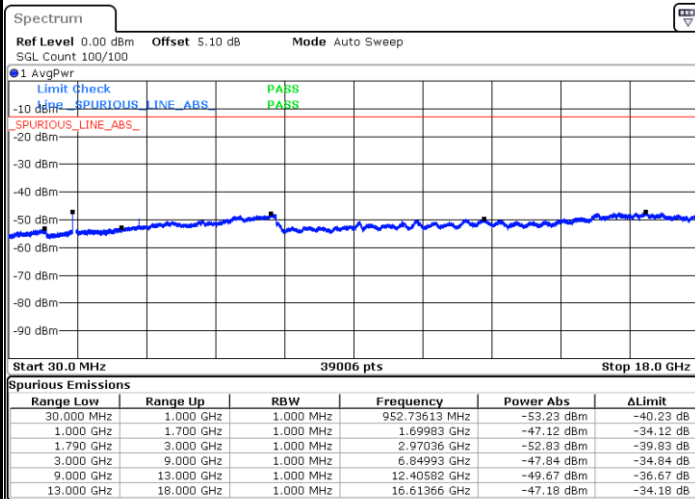
Highest Channel / 16QAM



Date: 23 MAY 2018 15:13:16

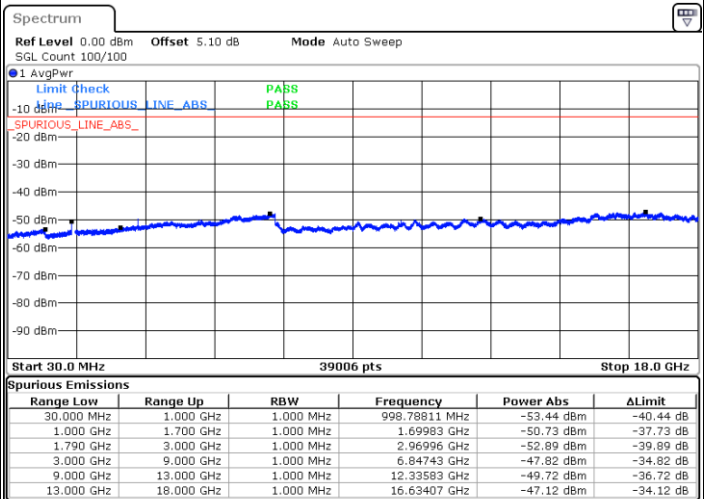
LTE Band 66 / 20MHz

Lowest Channel / QPSK



Date: 23 MAY 2018 15:52:05

Lowest Channel / 16QAM



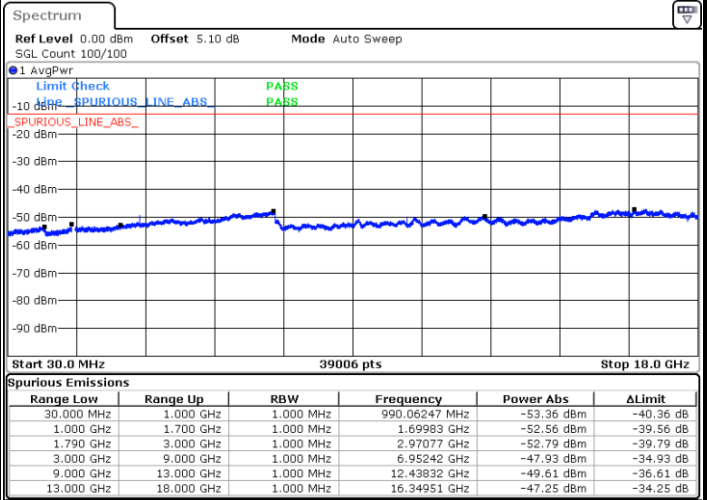
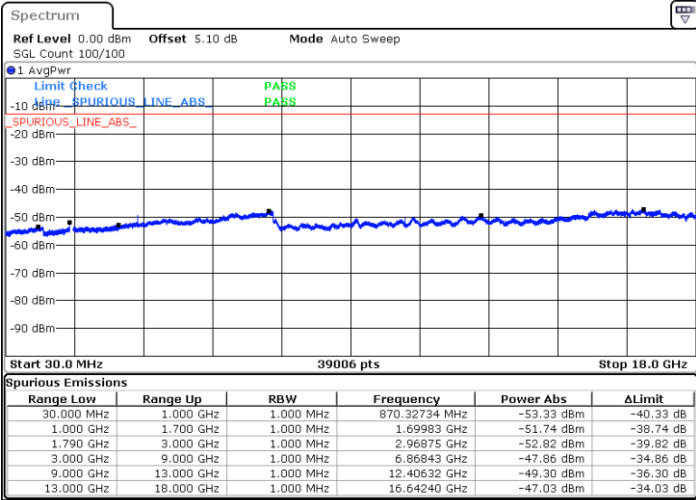
Date: 23 MAY 2018 15:51:28



LTE Band 66 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

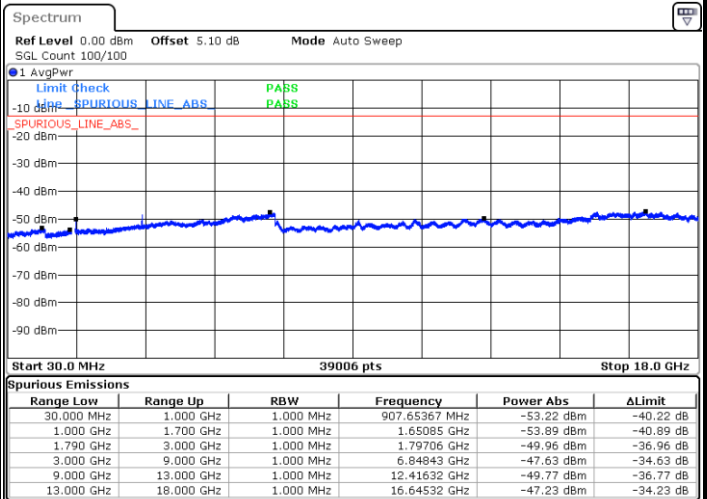
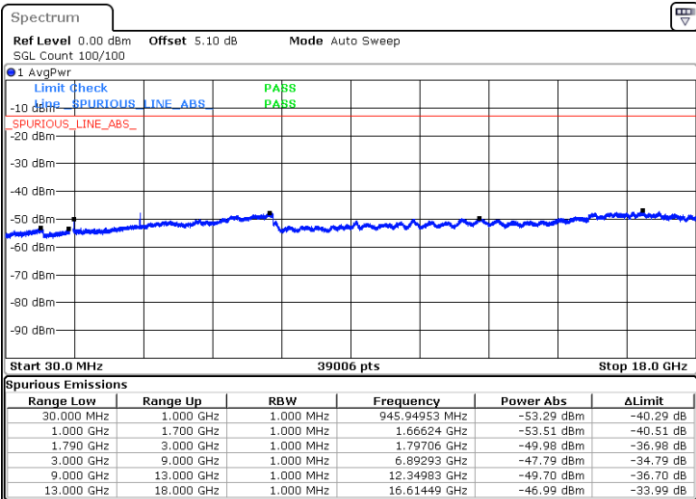


Date: 23 MAY 2018 15:46:24

Date: 23 MAY 2018 15:47:15

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 23 MAY 2018 15:44:54

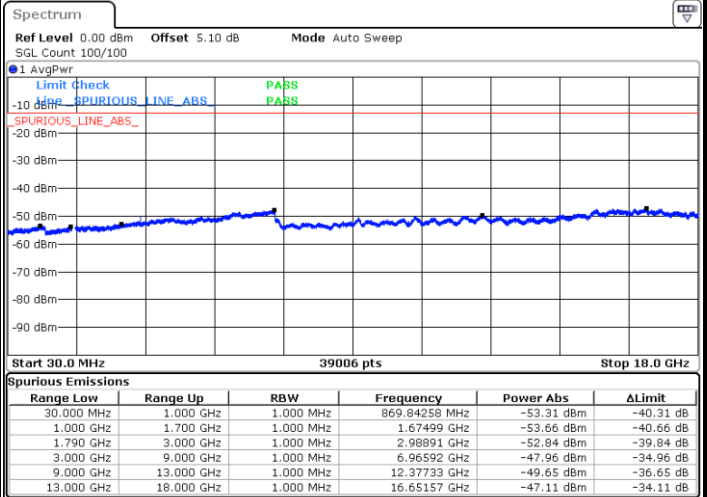
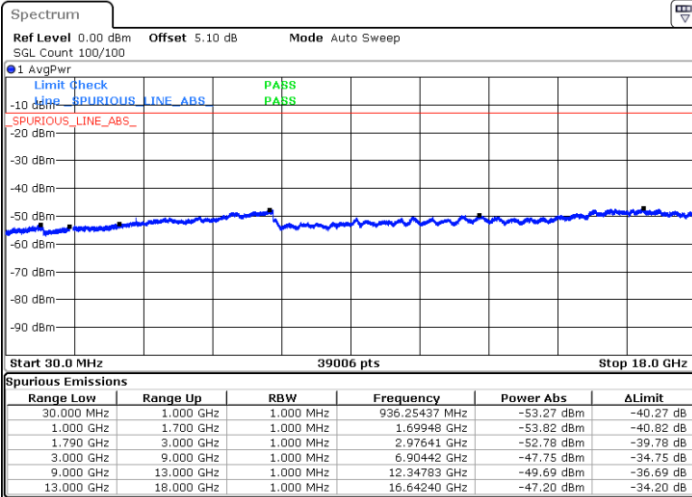
Date: 23 MAY 2018 15:29:28



LTE Band 66 / 1.4MHz

Lowest Channel / 64QAM

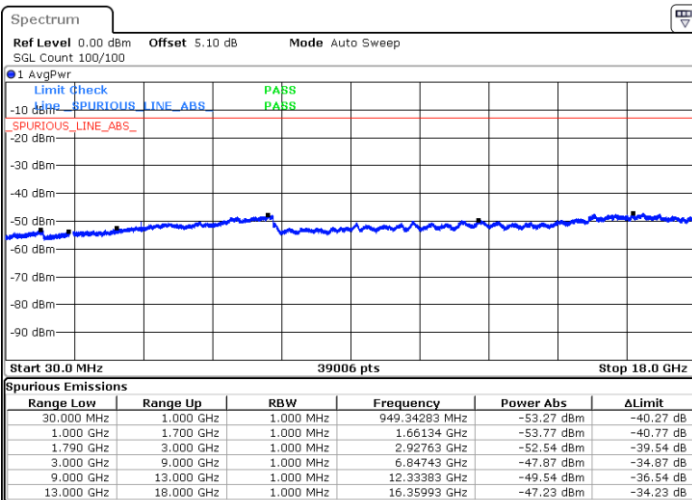
Middle Channel / 64QAM



Date: 23 MAY 2018 11:47:33

Date: 23 MAY 2018 11:46:38

Highest Channel / 64QAM



Date: 23 MAY 2018 11:42:03

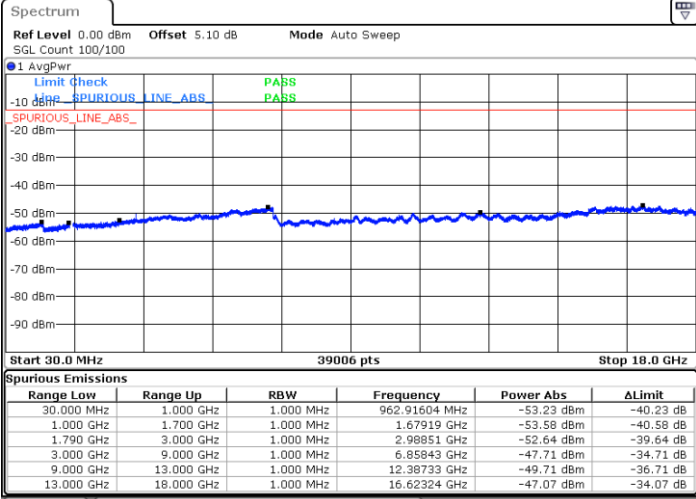




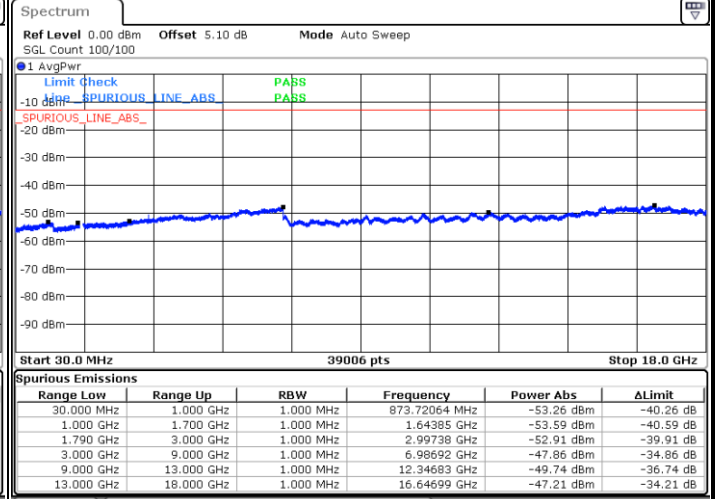
LTE Band 66 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

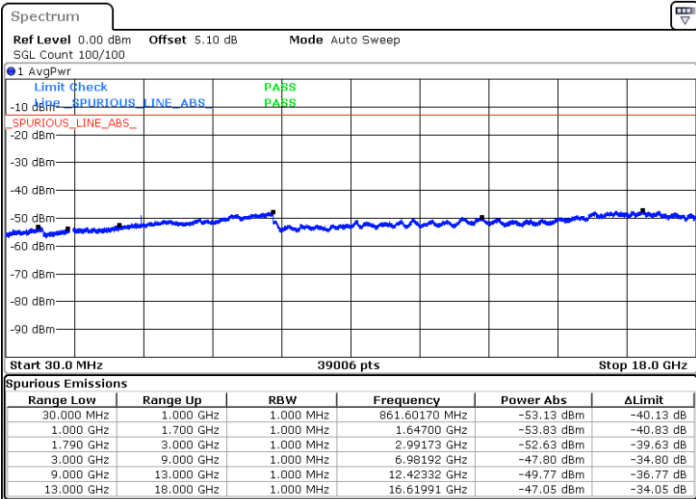


Date: 23 MAY 2018 14:27:33



Date: 23 MAY 2018 14:25:46

Highest Channel / 64QAM



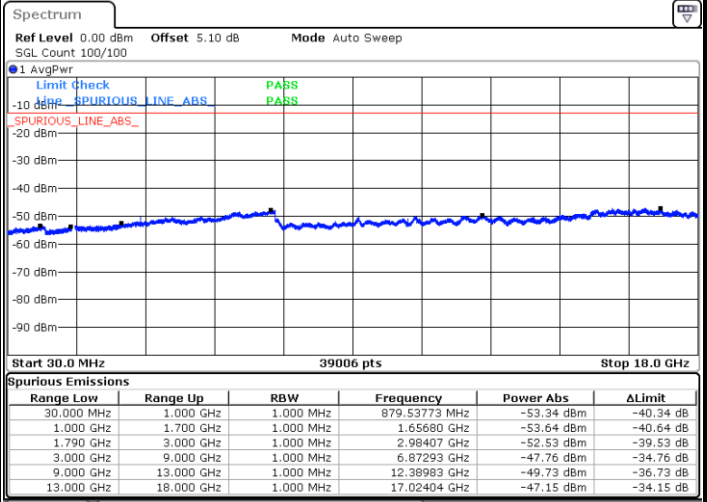
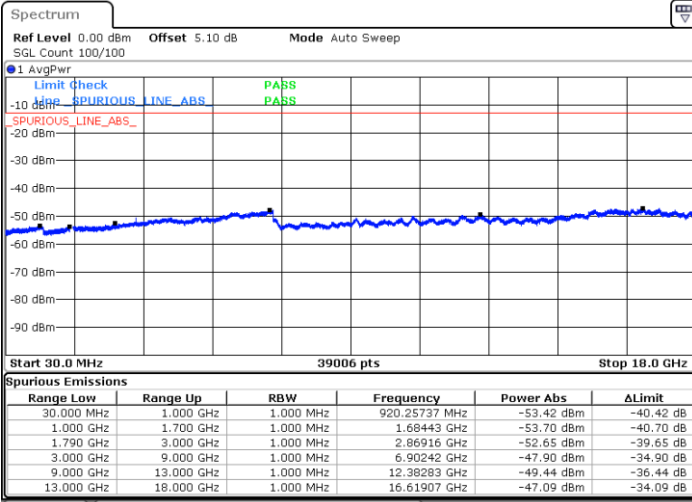
Date: 23 MAY 2018 14:21:42



LTE Band 66 / 10MHz

Lowest Channel / 64QAM

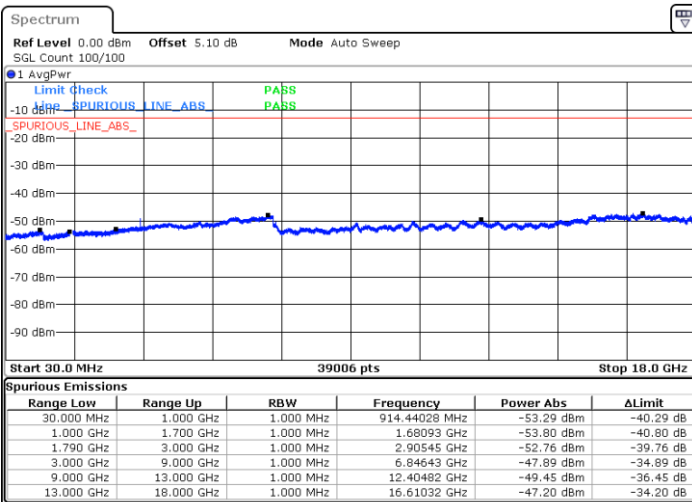
Middle Channel / 64QAM



Date: 23 MAY 2018 15:00:49

Date: 23 MAY 2018 14:59:52

Highest Channel / 64QAM



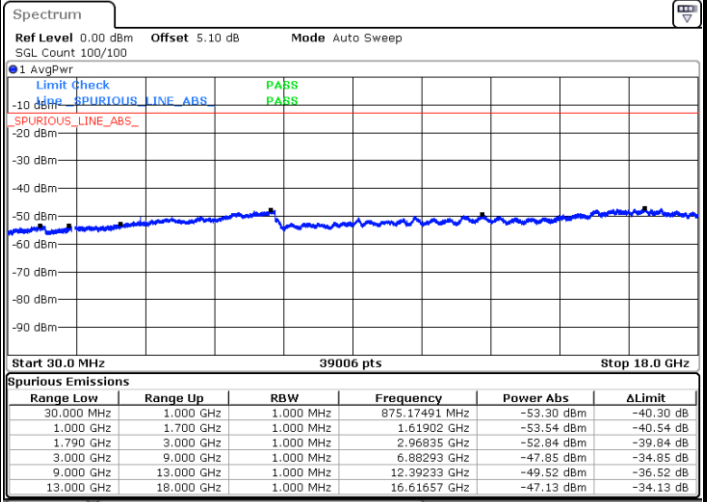
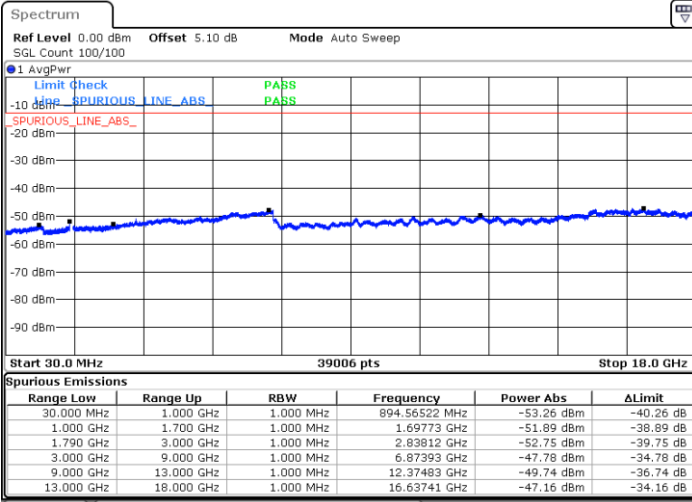
Date: 23 MAY 2018 14:50:48



LTE Band 66 / 15MHz

Lowest Channel / 64QAM

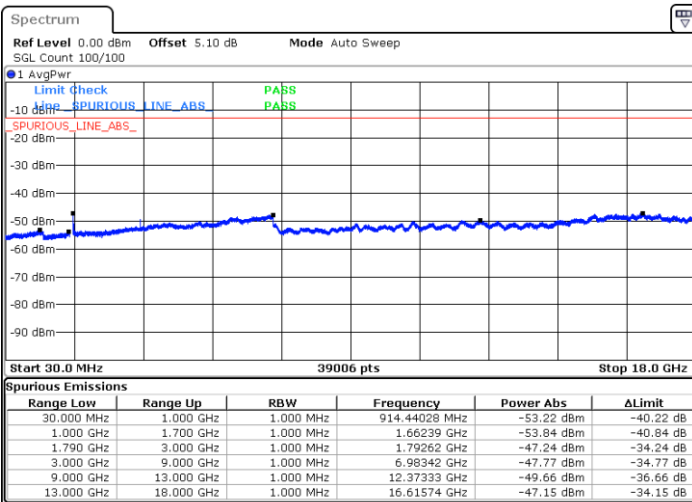
Middle Channel / 64QAM



Date: 23 MAY 2018 15:17:16

Date: 23 MAY 2018 15:16:13

Highest Channel / 64QAM



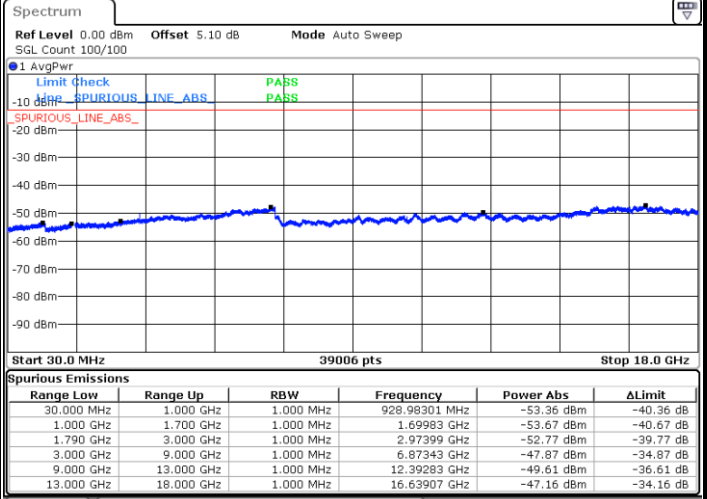
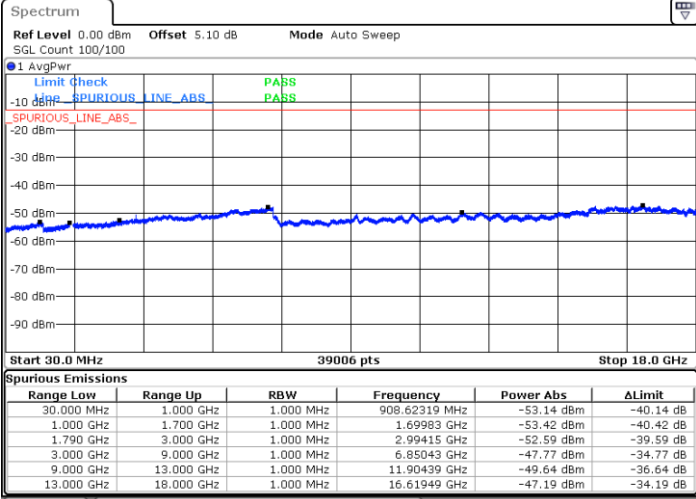
Date: 23 MAY 2018 15:12:39



LTE Band 66 / 20MHz

Lowest Channel / 64QAM

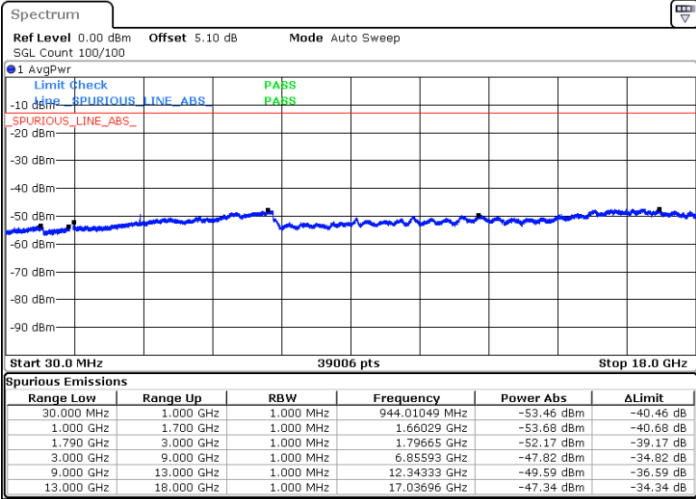
Middle Channel / 64QAM



Date: 23 MAY 2018 15:49:47

Date: 23 MAY 2018 15:48:14

Highest Channel / 64QAM



Date: 23 MAY 2018 15:28:52



### 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    | 0.0004                             |         |
| 30               | Normal Voltage    | 0.0015                             |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                             |         |
| 10               | Normal Voltage    | 0.0005                             |         |
| 0                | Normal Voltage    | 0.0017                             |         |
| -10              | Normal Voltage    | 0.0021                             |         |
| -20              | Normal Voltage    | 0.0001                             |         |
| -30              | Normal Voltage    | 0.0022                             |         |
| 20               | Maximum Voltage   | 0.0003                             |         |
| 20               | Normal Voltage    | 0.0002                             |         |
| 20               | Battery End Point | 0.0016                             |         |

**Note:**

1. Normal Voltage =3.9 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.35 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    | 0.0051                             | PASS   |
| 40               | Normal Voltage    | 0.0066                             |        |
| 30               | Normal Voltage    | 0.0027                             |        |
| 20(Ref.)         | Normal Voltage    | 0.0000                             |        |
| 10               | Normal Voltage    | 0.0053                             |        |
| 0                | Normal Voltage    | 0.0063                             |        |
| -10              | Normal Voltage    | 0.0051                             |        |
| -20              | Normal Voltage    | 0.0013                             |        |
| -30              | Normal Voltage    | 0.0059                             |        |
| 20               | Maximum Voltage   | 0.0018                             |        |
| 20               | Normal Voltage    | 0.0055                             |        |
| 20               | Battery End Point | 0.0010                             |        |

Note: Normal Voltage =3.9 V. ; Battery End Point (BEP) =3.4 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    | 0.0001                             | PASS    |
| 40               | Normal Voltage    | 0.0000                             |         |
| 30               | Normal Voltage    | 0.0011                             |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                             |         |
| 10               | Normal Voltage    | 0.0006                             |         |
| 0                | Normal Voltage    | 0.0025                             |         |
| -10              | Normal Voltage    | 0.0004                             |         |
| -20              | Normal Voltage    | 0.0022                             |         |
| -30              | Normal Voltage    | 0.0014                             |         |
| 20               | Maximum Voltage   | 0.0017                             |         |
| 20               | Normal Voltage    | 0.0002                             |         |
| 20               | Battery End Point | 0.0023                             |         |

**Note:**

1. Normal Voltage =3.9 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



| Test Conditions  |                   | LTE Band 13 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                            | Note 2. |
|                  |                   | Deviation (ppm)                     | Result  |
| 50               | Normal Voltage    | 0.0042                              | PASS    |
| 40               | Normal Voltage    | 0.0006                              |         |
| 30               | Normal Voltage    | 0.0063                              |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                              |         |
| 10               | Normal Voltage    | 0.0049                              |         |
| 0                | Normal Voltage    | 0.0069                              |         |
| -10              | Normal Voltage    | 0.0047                              |         |
| -20              | Normal Voltage    | 0.0014                              |         |
| -30              | Normal Voltage    | 0.0072                              |         |
| 20               | Maximum Voltage   | 0.0001                              |         |
| 20               | Normal Voltage    | 0.0045                              |         |
| 20               | Battery End Point | 0.0003                              |         |

**Note:**

1. Normal Voltage =3.9 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.35 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    | 0.0007                              | PASS    |
| 40               | Normal Voltage    | 0.0027                              |         |
| 30               | Normal Voltage    | 0.0067                              |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                              |         |
| 10               | Normal Voltage    | 0.0013                              |         |
| 0                | Normal Voltage    | 0.0082                              |         |
| -10              | Normal Voltage    | 0.0007                              |         |
| -20              | Normal Voltage    | 0.0060                              |         |
| -30              | Normal Voltage    | 0.0073                              |         |
| 20               | Maximum Voltage   | 0.0000                              |         |
| 20               | Normal Voltage    | 0.0048                              |         |
| 20               | Battery End Point | 0.0055                              |         |

**Note:**

1. Normal Voltage =3.9 V. ; Battery End Point (BEP) =3.4 V. ; 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 2 / 20MHz / QPSK |                   |              |               |                   |                   |                    |                      |                       |                    |
|---------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                   | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                    | 3702              | -39.11       | -13           | -26.11            | -59.43            | -45.68             | 1.67                 | 8.24                  | H                  |
|                           | 5556              | -35.13       | -13           | -22.13            | -60.03            | -42.2              | 2.66                 | 9.72                  | H                  |
|                           | 7404              | -42.82       | -13           | -29.82            | -69.53            | -51.97             | 2.46                 | 11.61                 | H                  |
|                           | 3702              | -39.75       | -13           | -26.75            | -60.06            | -46.32             | 1.67                 | 8.24                  | V                  |
|                           | 5556              | -35.63       | -13           | -22.63            | -60.5             | -42.7              | 2.66                 | 9.72                  | V                  |
|                           | 7404              | -44.30       | -13           | -31.30            | -71.22            | -53.45             | 2.46                 | 11.61                 | V                  |
| Middle                    | 3744              | -35.83       | -13           | -22.83            | -56.14            | -42.44             | 1.68                 | 8.29                  | H                  |
|                           | 5616              | -34.88       | -13           | -21.88            | -59.93            | -41.93             | 2.69                 | 9.75                  | H                  |
|                           | 7482              | -46.40       | -13           | -33.40            | -73.14            | -55.73             | 2.44                 | 11.76                 | H                  |
|                           | 3744              | -43.67       | -13           | -30.67            | -63.99            | -50.28             | 1.68                 | 8.29                  | V                  |
|                           | 5616              | -35.27       | -13           | -22.27            | -60.31            | -42.32             | 2.69                 | 9.75                  | V                  |
|                           | 7482              | -43.82       | -13           | -30.82            | -70.79            | -53.15             | 2.44                 | 11.76                 | V                  |
| Highest                   | 3780              | -38.52       | -13           | -25.52            | -58.8             | -45.16             | 1.69                 | 8.34                  | H                  |
|                           | 5676              | -35.97       | -13           | -22.97            | -61.14            | -43.01             | 2.73                 | 9.77                  | H                  |
|                           | 7566              | -44.47       | -13           | -31.47            | -71.4             | -53.9              | 2.41                 | 11.84                 | H                  |
|                           | 3780              | -38.46       | -13           | -25.46            | -58.78            | -45.1              | 1.69                 | 8.34                  | V                  |
|                           | 5676              | -34.22       | -13           | -21.22            | -59.38            | -41.26             | 2.73                 | 9.77                  | V                  |
|                           | 7566              | -43.65       | -13           | -30.65            | -70.84            | -53.08             | 2.41                 | 11.84                 | V                  |

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



| LTE Band 4 / 20MHz / QPSK |                   |              |               |                   |                   |                    |                      |                       |                    |
|---------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                   | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                    | 3420              | -36.74       | -13           | -23.74            | -56.73            | -42.81             | 1.58                 | 7.65                  | H                  |
|                           | 5136              | -32.45       | -13           | -19.45            | -56.27            | -39.73             | 2.42                 | 9.70                  | H                  |
|                           | 6846              | -38.58       | -13           | -25.58            | -64.99            | -46.56             | 2.64                 | 10.62                 | H                  |
|                           | 8556              | -44.97       | -13           | -31.97            | -73.47            | -55.11             | 2.39                 | 12.52                 | H                  |
|                           | 3420              | -32.60       | -13           | -19.60            | -52.64            | -38.67             | 1.58                 | 7.65                  | V                  |
|                           | 5136              | -37.65       | -13           | -24.65            | -61.31            | -44.93             | 2.42                 | 9.70                  | V                  |
|                           | 6846              | -38.13       | -13           | -25.13            | -64.49            | -46.11             | 2.64                 | 10.62                 | V                  |
| Middle                    | 8556              | -45.39       | -13           | -32.39            | -74.23            | -55.53             | 2.39                 | 12.52                 | V                  |
|                           | 3450              | -30.46       | -13           | -17.46            | -50.62            | -36.65             | 1.59                 | 7.78                  | H                  |
|                           | 5172              | -34.65       | -13           | -21.65            | -58.56            | -41.91             | 2.44                 | 9.70                  | H                  |
|                           | 6894              | -36.14       | -13           | -23.14            | -62.57            | -44.19             | 2.62                 | 10.67                 | H                  |
|                           | 8616              | -45.66       | -13           | -32.66            | -74.27            | -55.81             | 2.40                 | 12.55                 | H                  |
|                           | 3444              | -29.29       | -13           | -16.29            | -49.42            | -35.46             | 1.59                 | 7.75                  | V                  |
|                           | 5172              | -34.58       | -13           | -21.58            | -58.34            | -41.84             | 2.44                 | 9.70                  | V                  |
| Highest                   | 6894              | -35.83       | -13           | -22.83            | -62.25            | -43.88             | 2.62                 | 10.67                 | V                  |
|                           | 8616              | -46.09       | -13           | -33.09            | -75.05            | -56.24             | 2.40                 | 12.55                 | V                  |
|                           | 3474              | -36.13       | -13           | -23.13            | -56.47            | -42.42             | 1.60                 | 7.89                  | H                  |
|                           | 5208              | -30.28       | -13           | -17.28            | -54.32            | -37.52             | 2.46                 | 9.70                  | H                  |
|                           | 6942              | -41.72       | -13           | -28.72            | -68.19            | -49.84             | 2.61                 | 10.73                 | H                  |
|                           | 8682              | -44.91       | -13           | -31.91            | -73.62            | -55.07             | 2.41                 | 12.57                 | H                  |
|                           | 3474              | -31.27       | -13           | -18.27            | -51.5             | -37.56             | 1.60                 | 7.89                  | V                  |
| 5208                      | -37.82            | -13          | -24.82        | -61.73            | -45.06            | 2.46               | 9.70                 | V                     |                    |
| 6942                      | -42.17            | -13          | -29.17        | -68.66            | -50.29            | 2.61               | 10.73                | V                     |                    |
| 8682                      | -46.58            | -13          | -33.58        | -75.66            | -56.74            | 2.41               | 12.57                | V                     |                    |

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



| LTE Band 5 / 10MHz / QPSK |                   |             |               |                   |                   |                    |                      |                       |                    |
|---------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                   | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                    | 1656              | -40.36      | -13           | -27.36            | -52.58            | -42.09             | 0.98                 | 4.86                  | H                  |
|                           | 2487              | -59.26      | -13           | -46.26            | -76.48            | -61.18             | 1.29                 | 5.36                  | H                  |
|                           | 3316              | -57.88      | -13           | -44.88            | -77.28            | -61.37             | 1.55                 | 7.19                  | H                  |
|                           | 1656              | -35.66      | -13           | -22.66            | -48.37            | -37.39             | 0.98                 | 4.86                  | V                  |
|                           | 2487              | -58.52      | -13           | -45.52            | -76.21            | -60.44             | 1.29                 | 5.36                  | V                  |
|                           | 3316              | -57.56      | -13           | -44.56            | -77.24            | -61.05             | 1.55                 | 7.19                  | V                  |
| Middle                    | 1672              | -44.18      | -13           | -31.18            | -56.47            | -45.86             | 0.99                 | 4.82                  | H                  |
|                           | 2512              | -58.77      | -13           | -45.77            | -76.16            | -60.74             | 1.29                 | 5.41                  | H                  |
|                           | 3345              | -58.48      | -13           | -45.48            | -78.07            | -62.09             | 1.56                 | 7.32                  | H                  |
|                           | 1672              | -40.68      | -13           | -27.68            | -53.54            | -42.36             | 0.99                 | 4.82                  | V                  |
|                           | 2512              | -57.87      | -13           | -44.87            | -75.69            | -59.84             | 1.29                 | 5.41                  | V                  |
|                           | 3345              | -58.36      | -13           | -45.36            | -78.14            | -61.97             | 1.56                 | 7.32                  | V                  |
| Highest                   | 1688              | -46.59      | -13           | -33.59            | -58.93            | -48.22             | 1.00                 | 4.77                  | H                  |
|                           | 2532              | -59.67      | -13           | -46.67            | -77.06            | -61.64             | 1.30                 | 5.43                  | H                  |
|                           | 3376              | -58.39      | -13           | -45.39            | -78.14            | -62.13             | 1.57                 | 7.45                  | H                  |
|                           | 1688              | -43.88      | -13           | -30.88            | -56.73            | -45.51             | 1.00                 | 4.77                  | V                  |
|                           | 2532              | -59.11      | -13           | -46.11            | -76.98            | -61.08             | 1.30                 | 5.43                  | V                  |
|                           | 3376              | -58.13      | -13           | -45.13            | -77.99            | -61.87             | 1.57                 | 7.45                  | V                  |

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



| LTE Band 7 / 20MHz / QPSK |                   |              |               |                   |                   |                    |                      |                       |                    |
|---------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                   | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                    | 5004              | -33.39       | -25           | -8.39             | -56.93            | -40.75             | 2.34                 | 9.70                  | H                  |
|                           | 7506              | -40.64       | -25           | -15.64            | -60.73            | -50.02             | 2.43                 | 11.80                 | H                  |
|                           | 10008             | -34.27       | -25           | -9.27             | -65.65            | -43.78             | 2.70                 | 12.20                 | H                  |
|                           | 5004              | -36.12       | -25           | -11.12            | -59.45            | -43.48             | 2.34                 | 9.70                  | V                  |
|                           | 7506              | -34.59       | -25           | -9.59             | -61.6             | -43.97             | 2.43                 | 11.80                 | V                  |
|                           | 10008             | -34.37       | -25           | -9.37             | -65.62            | -43.88             | 2.70                 | 12.20                 | V                  |
| Middle                    | 5052              | -31.06       | -25           | -6.06             | -54.64            | -38.39             | 2.37                 | 9.70                  | H                  |
|                           | 7578              | -32.12       | -25           | -7.12             | -59.12            | -41.56             | 2.40                 | 11.85                 | H                  |
|                           | 10098             | -34.29       | -25           | -9.29             | -65.88            | -43.83             | 2.70                 | 12.24                 | H                  |
|                           | 5052              | -35.73       | -25           | -10.73            | -59.12            | -43.06             | 2.37                 | 9.70                  | V                  |
|                           | 7578              | -33.77       | -25           | -8.77             | -60.93            | -43.21             | 2.40                 | 11.85                 | V                  |
|                           | 10098             | -38.34       | -25           | -13.34            | -69.79            | -47.88             | 2.70                 | 12.24                 | V                  |
| Highest                   | 5100              | -32.15       | -25           | -7.15             | -55.78            | -39.46             | 2.39                 | 9.70                  | H                  |
|                           | 7656              | -33.35       | -25           | -8.35             | -60.55            | -42.86             | 2.38                 | 11.89                 | H                  |
|                           | 10206             | -38.92       | -25           | -13.92            | -70.86            | -48.51             | 2.70                 | 12.28                 | H                  |
|                           | 5100              | -34.04       | -25           | -9.04             | -57.67            | -41.35             | 2.39                 | 9.70                  | V                  |
|                           | 7656              | -34.07       | -25           | -9.07             | -61.51            | -43.58             | 2.38                 | 11.89                 | V                  |
|                           | 10206             | -40.19       | -25           | -15.19            | -71.86            | -49.78             | 2.70                 | 12.28                 | V                  |

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



| LTE Band 13 / 5MHz / QPSK |                   |             |               |                   |                   |                    |                      |                       |                    |
|---------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                   | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                    | 1552              | -64.16      | -13           | -51.16            | -75.34            | -66.23             | 0.94                 | 5.15                  | H                  |
|                           | 2328              | -60.19      | -13           | -47.19            | -76.69            | -61.69             | 1.24                 | 4.88                  | H                  |
|                           | 3108              | -59.33      | -13           | -46.33            | -77.70            | -61.97             | 1.48                 | 6.28                  | H                  |
|                           | 1552              | -60.31      | -13           | -47.31            | -72.04            | -62.38             | 0.94                 | 5.15                  | V                  |
|                           | 2328              | -60.24      | -13           | -47.24            | -77.09            | -61.74             | 1.24                 | 4.88                  | V                  |
|                           | 3108              | -58.61      | -13           | -45.61            | -77.69            | -61.25             | 1.48                 | 6.28                  | V                  |
| Middle                    | 1560              | -63.53      | -42.15        | -21.38            | -74.90            | -65.57             | 0.94                 | 5.13                  | H                  |
|                           | 2336              | -60.41      | -13           | -47.41            | -77.05            | -61.93             | 1.24                 | 4.91                  | H                  |
|                           | 3120              | -59.18      | -13           | -46.18            | -77.55            | -61.87             | 1.49                 | 6.33                  | H                  |
|                           | 1560              | -60.98      | -42.15        | -18.83            | -72.83            | -63.02             | 0.94                 | 5.13                  | V                  |
|                           | 2336              | -59.86      | -13           | -46.86            | -76.94            | -61.38             | 1.24                 | 4.91                  | V                  |
|                           | 3120              | -58.58      | -13           | -45.58            | -77.75            | -61.27             | 1.49                 | 6.33                  | V                  |
| Highest                   | 1568              | -63.36      | -42.15        | -21.21            | -74.68            | -65.38             | 0.94                 | 5.11                  | H                  |
|                           | 2344              | -60.33      | -13           | -47.33            | -76.98            | -61.87             | 1.24                 | 4.93                  | H                  |
|                           | 3136              | -59.43      | -13           | -46.43            | -77.95            | -62.19             | 1.49                 | 6.40                  | H                  |
|                           | 1568              | -60.27      | -42.15        | -18.12            | -72.15            | -62.29             | 0.94                 | 5.11                  | V                  |
|                           | 2344              | -59.58      | -13           | -46.58            | -76.61            | -61.12             | 1.24                 | 4.93                  | V                  |
|                           | 3136              | -58.51      | -13           | -45.51            | -77.69            | -61.27             | 1.49                 | 6.40                  | V                  |

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



| LTE Band 66 / 20MHz / QPSK |                   |              |               |                   |                   |                    |                      |                       |                    |
|----------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                    | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                     | 3420              | -54.56       | -13           | -41.56            | -74.55            | -60.63             | 1.58                 | 7.65                  | H                  |
|                            | 5130              | -43.85       | -13           | -30.85            | -67.67            | -51.14             | 2.41                 | 9.70                  | H                  |
|                            | 6840              | -52.42       | -13           | -39.42            | -78.83            | -60.39             | 2.64                 | 10.61                 | H                  |
|                            | 3420              | -50.29       | -13           | -37.29            | -70.33            | -56.36             | 1.58                 | 7.65                  | V                  |
|                            | 5130              | -48.49       | -13           | -35.49            | -72.15            | -55.78             | 2.41                 | 9.70                  | V                  |
|                            | 6840              | -52.54       | -13           | -39.54            | -78.9             | -60.51             | 2.64                 | 10.61                 | V                  |
| Middle                     | 3474              | -49.66       | -13           | -36.66            | -70               | -55.95             | 1.60                 | 7.89                  | H                  |
|                            | 5208              | -49.77       | -13           | -36.77            | -73.81            | -57.01             | 2.46                 | 9.70                  | H                  |
|                            | 6948              | -52.24       | -13           | -39.24            | -78.71            | -60.37             | 2.61                 | 10.74                 | H                  |
|                            | 3474              | -49.28       | -13           | -36.28            | -69.51            | -55.57             | 1.60                 | 7.89                  | V                  |
|                            | 5208              | -47.16       | -13           | -34.16            | -71.07            | -54.4              | 2.46                 | 9.70                  | V                  |
|                            | 6948              | -51.82       | -13           | -38.82            | -78.31            | -59.95             | 2.61                 | 10.74                 | V                  |
| Highest                    | 3522              | -52.92       | -13           | -39.92            | -73.34            | -59.34             | 1.61                 | 8.03                  | H                  |
|                            | 5286              | -43.41       | -13           | -30.41            | -67.62            | -50.61             | 2.50                 | 9.70                  | H                  |
|                            | 7040              | -51.72       | -13           | -38.72            | -78.23            | -60.02             | 2.58                 | 10.88                 | H                  |
|                            | 3522              | -50.17       | -13           | -37.17            | -70.45            | -56.59             | 1.61                 | 8.03                  | V                  |
|                            | 5286              | -48.48       | -13           | -35.48            | -72.59            | -55.68             | 2.50                 | 9.70                  | V                  |
|                            | 7038              | -51.32       | -13           | -38.32            | -77.9             | -59.62             | 2.58                 | 10.88                 | V                  |

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