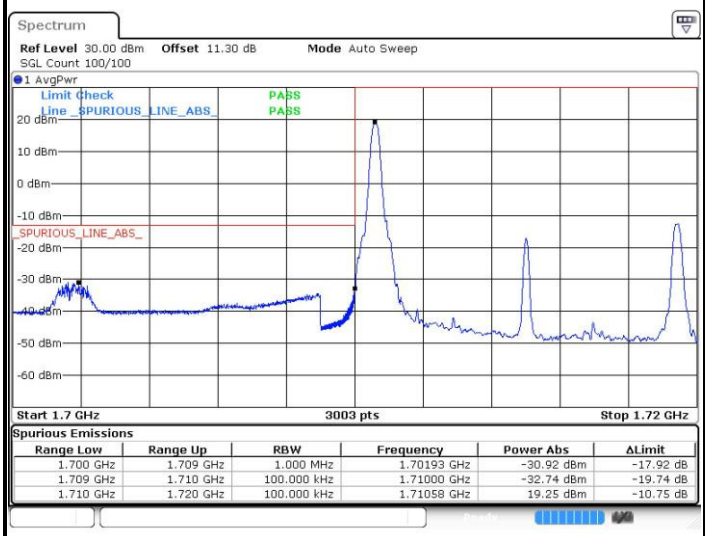
## LTE Band 4 / 10MHz / 16QAM

### Lowest Band Edge / 1 RB

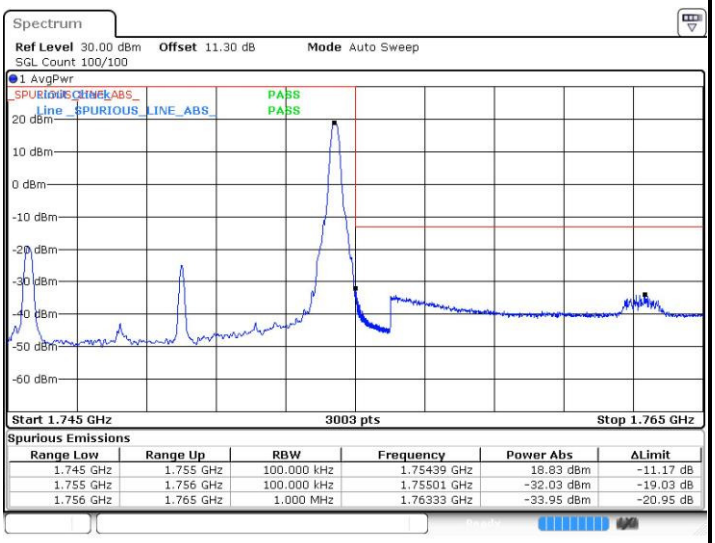



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70193 GHz | -30.92 dBm | -17.92 dB |
| 1.709 GHz | 1.710 GHz | 100.000 kHz | 1.71000 GHz | -32.74 dBm | -19.74 dB |
| 1.710 GHz | 1.720 GHz | 100.000 kHz | 1.71058 GHz | 19.25 dBm | -10.75 dB |

Date: 26.MAY.2016 09:30:21

### Highest Band Edge / 1 RB

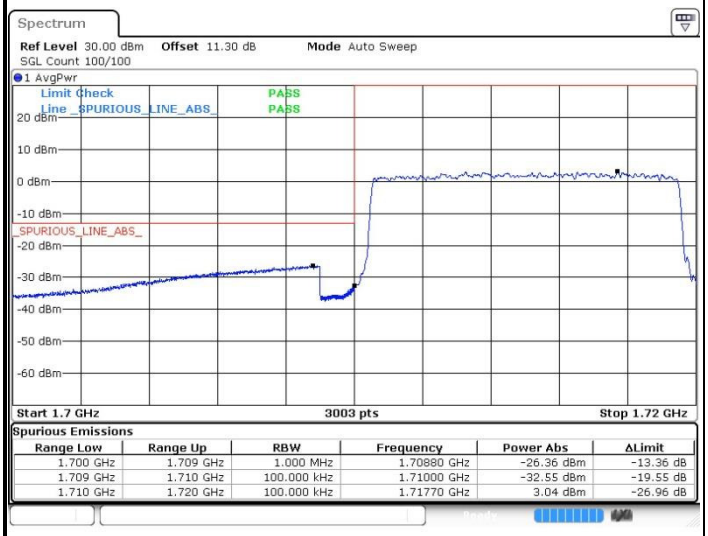



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.745 GHz | 1.755 GHz | 100.000 kHz | 1.75439 GHz | 18.83 dBm | -11.17 dB |
| 1.755 GHz | 1.756 GHz | 100.000 kHz | 1.75501 GHz | -32.03 dBm | -19.03 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.76333 GHz | -33.95 dBm | -20.95 dB |

Date: 26.MAY.2016 09:40:03

### Lowest Band Edge / Full RB

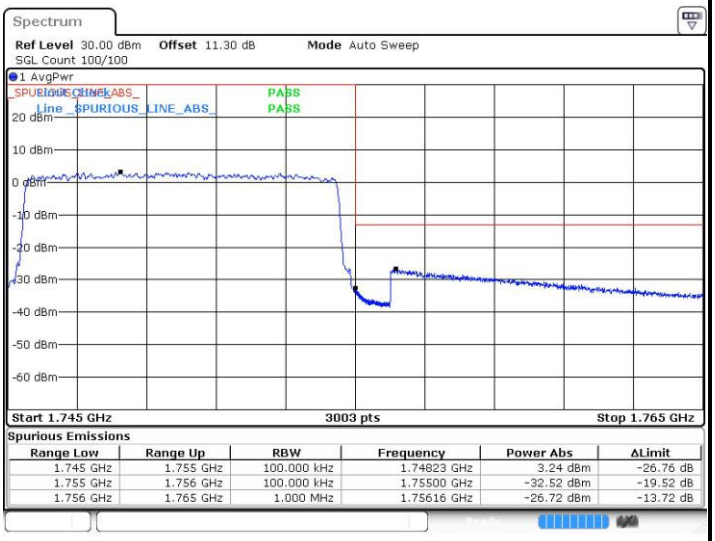



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70880 GHz | -26.36 dBm | -13.36 dB |
| 1.709 GHz | 1.710 GHz | 100.000 kHz | 1.71000 GHz | -32.55 dBm | -19.55 dB |
| 1.710 GHz | 1.720 GHz | 100.000 kHz | 1.71770 GHz | 3.04 dBm | -26.96 dB |

Date: 26.MAY.2016 09:32:40

### Highest Band Edge / Full RB



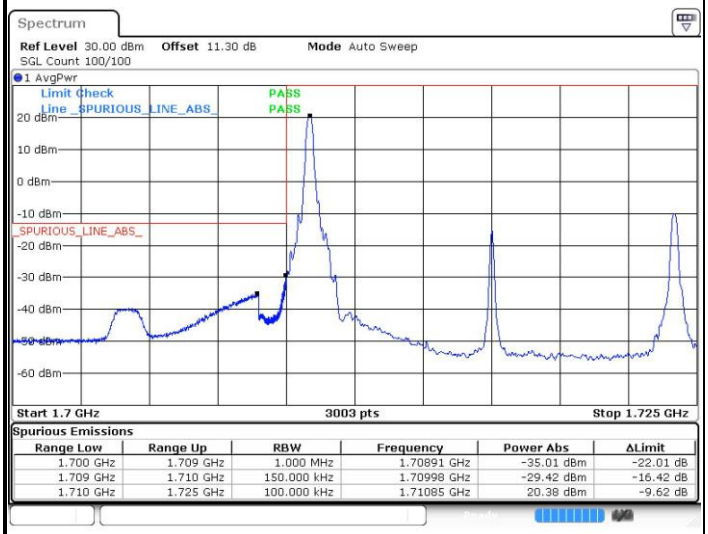

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.745 GHz | 1.755 GHz | 100.000 kHz | 1.74823 GHz | 3.24 dBm | -26.76 dB |
| 1.755 GHz | 1.756 GHz | 100.000 kHz | 1.75500 GHz | -32.52 dBm | -19.52 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75616 GHz | -26.72 dBm | -13.72 dB |

Date: 26.MAY.2016 09:42:22

## LTE Band 4 / 15MHz / QPSK

### Lowest Band Edge / 1 RB

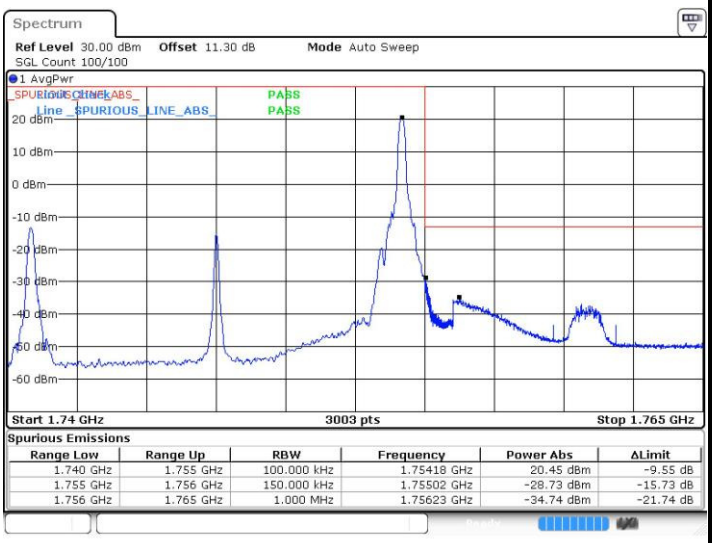



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70891 GHz | -35.01 dBm | -22.01 dB |
| 1.709 GHz | 1.710 GHz | 150.000 kHz | 1.70998 GHz | -29.42 dBm | -16.42 dB |
| 1.710 GHz | 1.725 GHz | 100.000 kHz | 1.71085 GHz | 20.38 dBm | -9.62 dB |

Date: 26.MAY.2016 09:51:19

### Highest Band Edge / 1 RB

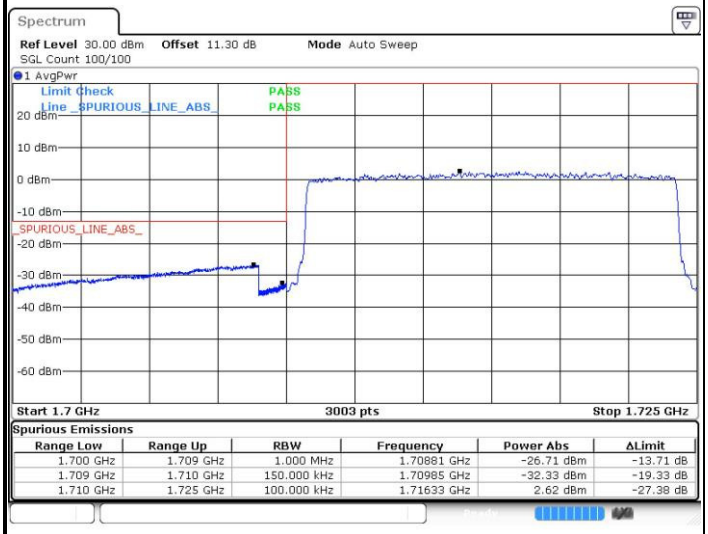



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.740 GHz | 1.755 GHz | 100.000 kHz | 1.75418 GHz | 20.45 dBm | -9.55 dB |
| 1.755 GHz | 1.756 GHz | 150.000 kHz | 1.75502 GHz | -28.73 dBm | -15.73 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75623 GHz | -34.74 dBm | -21.74 dB |

Date: 26.MAY.2016 10:01:00

### Lowest Band Edge / Full RB

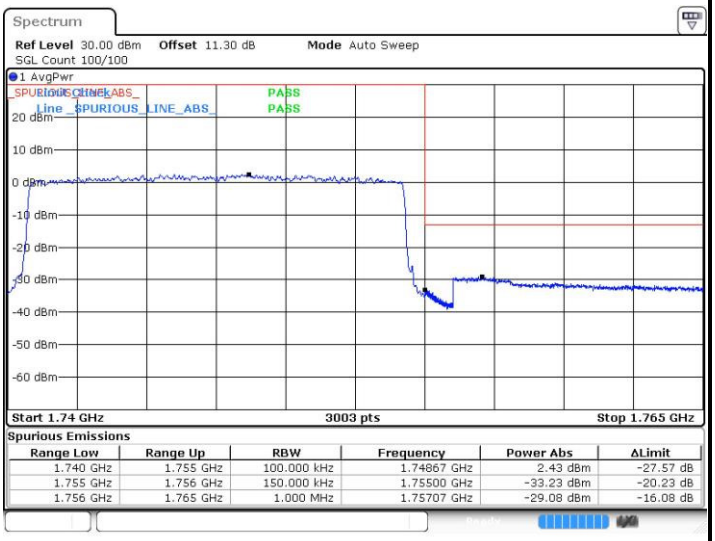



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70881 GHz | -26.71 dBm | -13.71 dB |
| 1.709 GHz | 1.710 GHz | 150.000 kHz | 1.70985 GHz | -32.33 dBm | -19.33 dB |
| 1.710 GHz | 1.725 GHz | 100.000 kHz | 1.71633 GHz | 2.62 dBm | -27.38 dB |

Date: 26.MAY.2016 09:53:38

### Highest Band Edge / Full RB



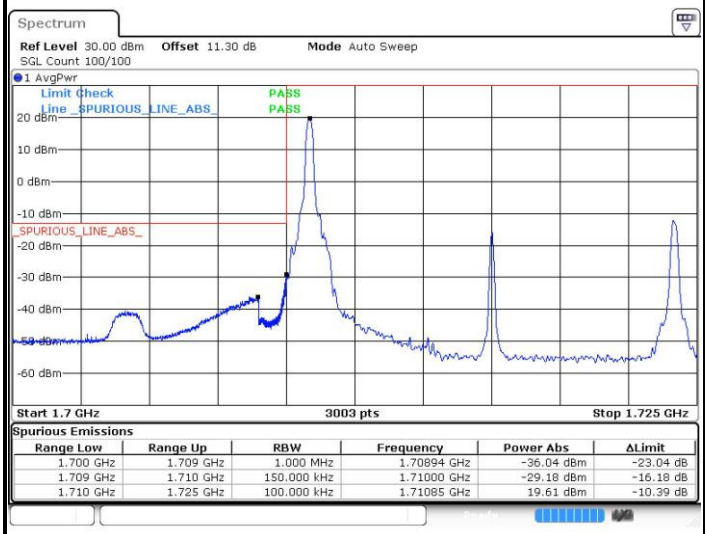

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.740 GHz | 1.755 GHz | 100.000 kHz | 1.74867 GHz | 2.43 dBm | -27.57 dB |
| 1.755 GHz | 1.756 GHz | 150.000 kHz | 1.75500 GHz | -33.23 dBm | -20.23 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75707 GHz | -29.08 dBm | -16.08 dB |

Date: 26.MAY.2016 10:03:18

## LTE Band 4 / 15MHz / 16QAM

### Lowest Band Edge / 1 RB

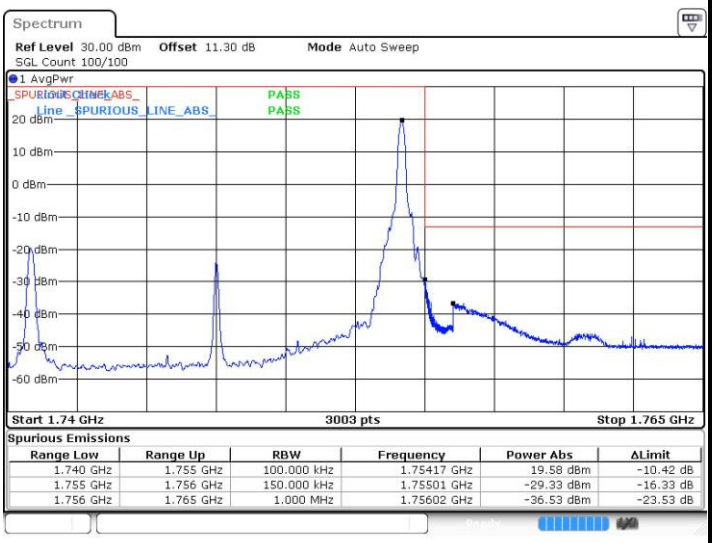



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70894 GHz | -36.04 dBm | -23.04 dB |
| 1.709 GHz | 1.710 GHz | 150.000 kHz | 1.71000 GHz | -29.18 dBm | -16.18 dB |
| 1.710 GHz | 1.725 GHz | 100.000 kHz | 1.71085 GHz | 19.61 dBm | -10.39 dB |

Date: 26.MAY.2016 09:52:28

### Highest Band Edge / 1 RB

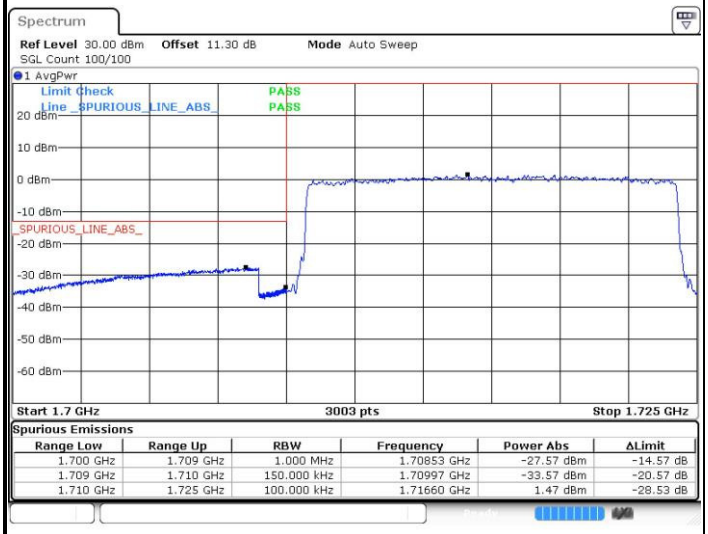



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.740 GHz | 1.755 GHz | 100.000 kHz | 1.75417 GHz | 19.58 dBm | -10.42 dB |
| 1.755 GHz | 1.756 GHz | 150.000 kHz | 1.75501 GHz | -29.33 dBm | -16.33 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75602 GHz | -36.53 dBm | -23.53 dB |

Date: 26.MAY.2016 10:02:09

### Lowest Band Edge / Full RB

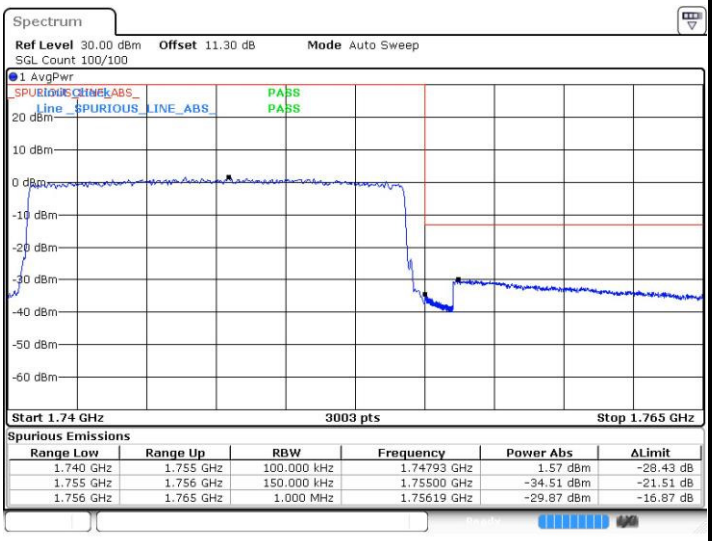



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70853 GHz | -27.57 dBm | -14.57 dB |
| 1.709 GHz | 1.710 GHz | 150.000 kHz | 1.70997 GHz | -33.57 dBm | -20.57 dB |
| 1.710 GHz | 1.725 GHz | 100.000 kHz | 1.71660 GHz | 1.47 dBm | -28.53 dB |

Date: 26.MAY.2016 09:54:47

### Highest Band Edge / Full RB



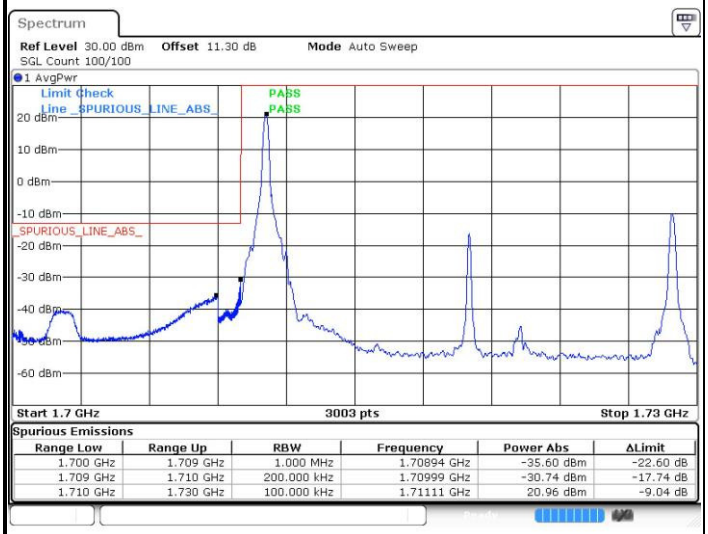

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.740 GHz | 1.755 GHz | 100.000 kHz | 1.74793 GHz | 1.57 dBm | -28.43 dB |
| 1.755 GHz | 1.756 GHz | 150.000 kHz | 1.75500 GHz | -34.51 dBm | -21.51 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75619 GHz | -29.87 dBm | -16.87 dB |

Date: 26.MAY.2016 10:04:27

## LTE Band 4 / 20MHz / QPSK

### Lowest Band Edge / 1 RB

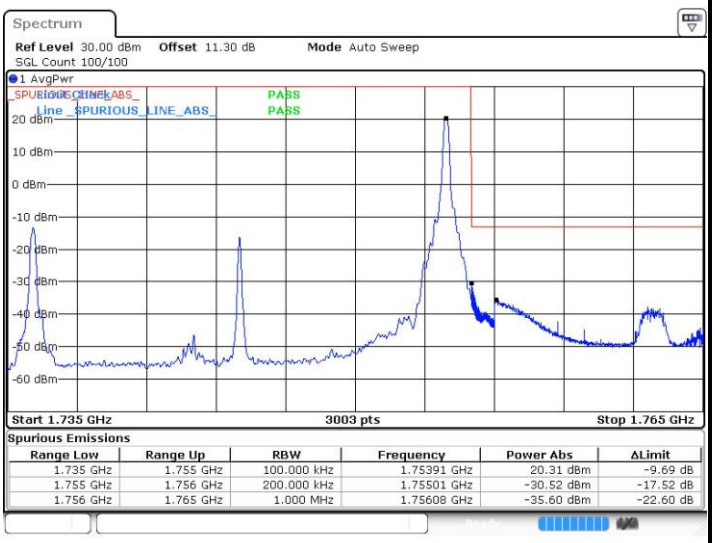



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70894 GHz | -35.60 dBm | -22.60 dB |
| 1.709 GHz | 1.710 GHz | 200.000 kHz | 1.70999 GHz | -30.74 dBm | -17.74 dB |
| 1.710 GHz | 1.730 GHz | 100.000 kHz | 1.71111 GHz | 20.96 dBm | -9.04 dB |

Date: 26.MAY.2016 10:08:08

### Highest Band Edge / 1 RB

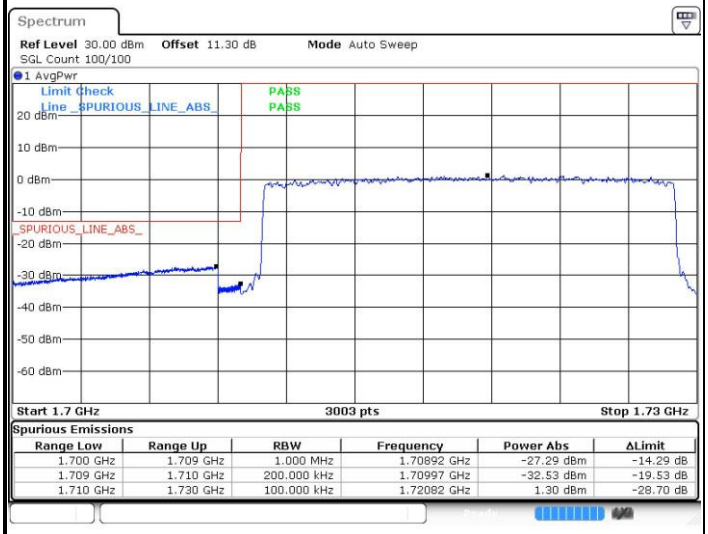



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.735 GHz | 1.755 GHz | 100.000 kHz | 1.75391 GHz | 20.31 dBm | -9.69 dB |
| 1.755 GHz | 1.756 GHz | 200.000 kHz | 1.75501 GHz | -30.52 dBm | -17.52 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75608 GHz | -35.60 dBm | -22.60 dB |

Date: 26.MAY.2016 10:17:48

### Lowest Band Edge / Full RB

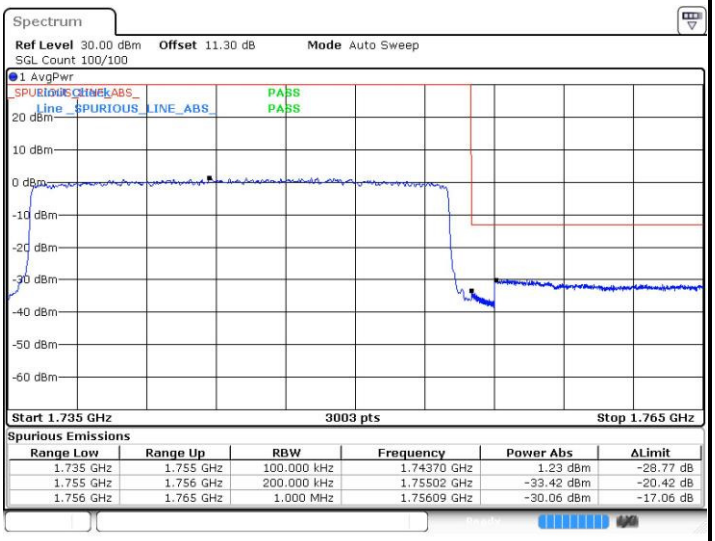



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70892 GHz | -27.29 dBm | -14.29 dB |
| 1.709 GHz | 1.710 GHz | 200.000 kHz | 1.70997 GHz | -32.53 dBm | -19.53 dB |
| 1.710 GHz | 1.730 GHz | 100.000 kHz | 1.72082 GHz | 1.30 dBm | -28.70 dB |

Date: 26.MAY.2016 10:10:26

### Highest Band Edge / Full RB



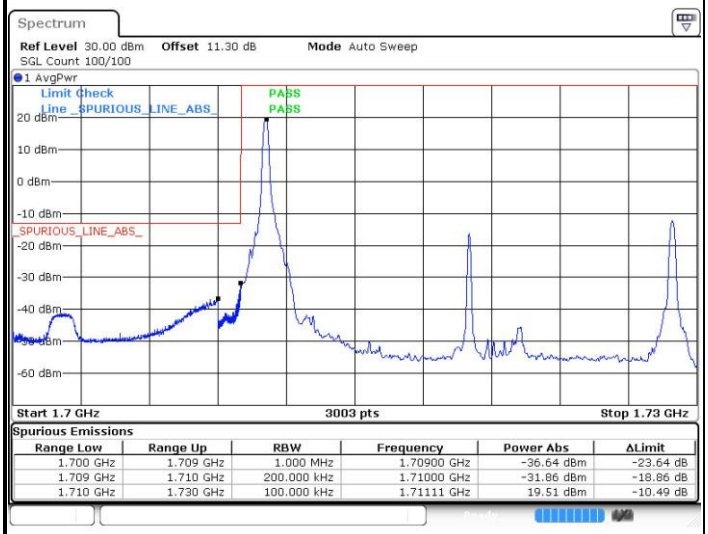

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.735 GHz | 1.755 GHz | 100.000 kHz | 1.74370 GHz | 1.23 dBm | -28.77 dB |
| 1.755 GHz | 1.756 GHz | 200.000 kHz | 1.75502 GHz | -33.42 dBm | -20.42 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75609 GHz | -30.06 dBm | -17.06 dB |

Date: 26.MAY.2016 10:20:06

## LTE Band 4 / 20MHz / 16QAM

### Lowest Band Edge / 1 RB

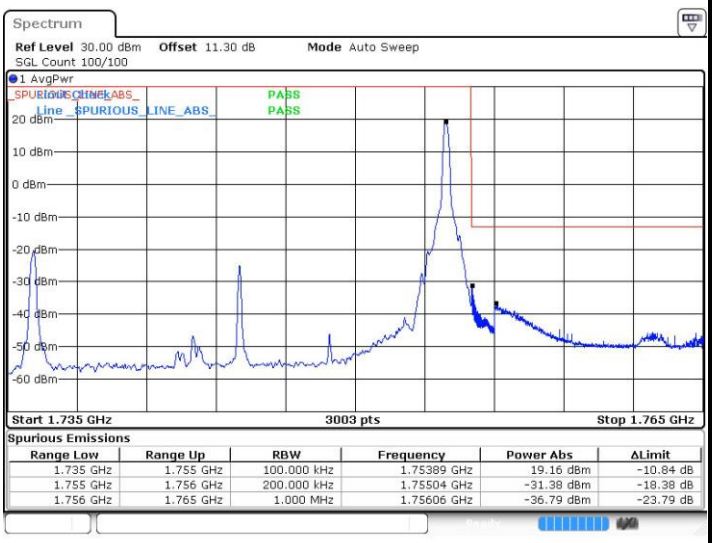



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70900 GHz | -36.64 dBm | -23.64 dB |
| 1.709 GHz | 1.710 GHz | 200.000 kHz | 1.71000 GHz | -31.86 dBm | -18.86 dB |
| 1.710 GHz | 1.730 GHz | 100.000 kHz | 1.71111 GHz | 19.51 dBm | -10.49 dB |

Date: 26.MAY.2016 10:09:17

### Highest Band Edge / 1 RB

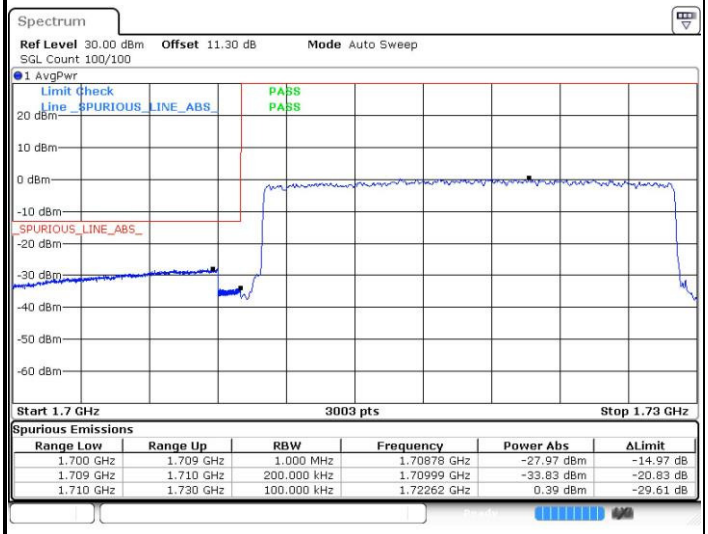



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.735 GHz | 1.755 GHz | 100.000 kHz | 1.75389 GHz | 19.16 dBm | -10.84 dB |
| 1.755 GHz | 1.756 GHz | 200.000 kHz | 1.75504 GHz | -31.38 dBm | -18.38 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75606 GHz | -36.79 dBm | -23.79 dB |

Date: 26.MAY.2016 10:18:57

### Lowest Band Edge / Full RB

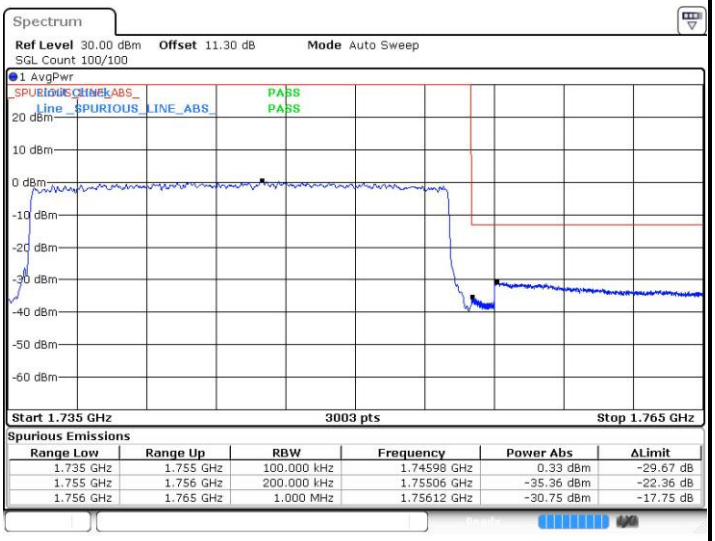



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70878 GHz | -27.97 dBm | -14.97 dB |
| 1.709 GHz | 1.710 GHz | 200.000 kHz | 1.70999 GHz | -33.83 dBm | -20.83 dB |
| 1.710 GHz | 1.730 GHz | 100.000 kHz | 1.72262 GHz | 0.39 dBm | -29.61 dB |

Date: 26.MAY.2016 10:11:36

### Highest Band Edge / Full RB




Spurious Emissions

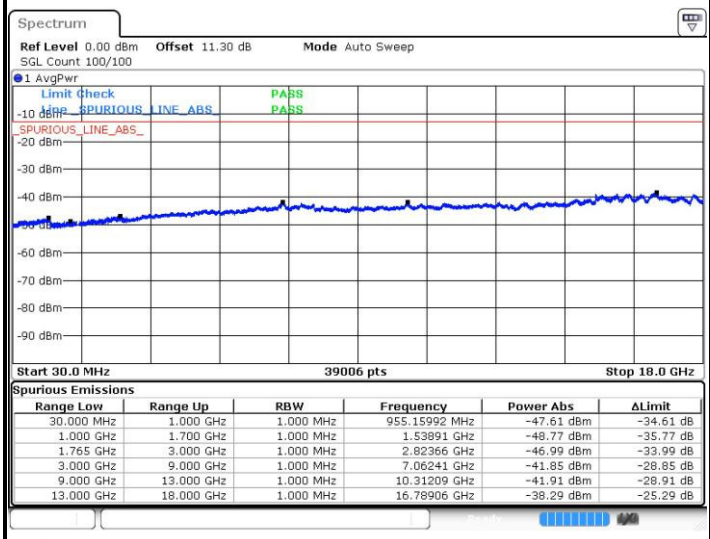
| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.735 GHz | 1.755 GHz | 100.000 kHz | 1.74598 GHz | 0.33 dBm | -29.67 dB |
| 1.755 GHz | 1.756 GHz | 200.000 kHz | 1.75506 GHz | -35.36 dBm | -22.36 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75612 GHz | -30.75 dBm | -17.75 dB |

Date: 26.MAY.2016 10:21:15

# Conducted Spurious Emission

## LTE Band 4 / 1.4MHz

### Lowest Channel / QPSK

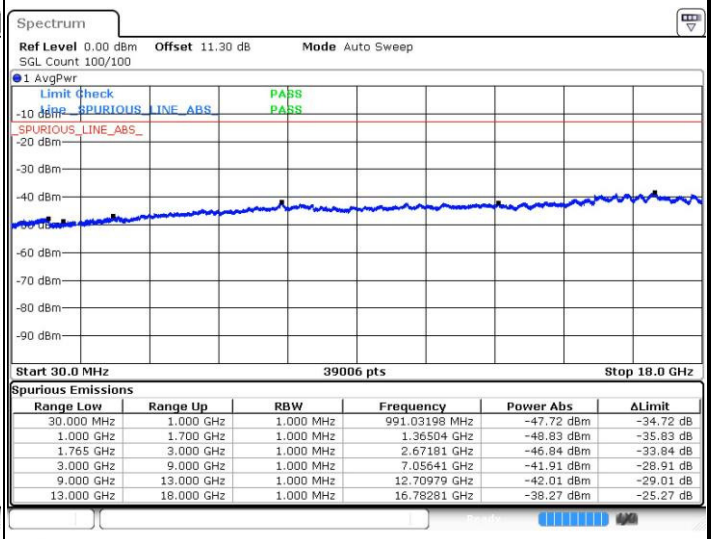



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 955.15992 MHz | -47.61 dBm | -34.61 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.53891 GHz | -48.77 dBm | -35.77 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.82366 GHz | -46.99 dBm | -33.99 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.06241 GHz | -41.85 dBm | -28.85 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 10.31209 GHz | -41.91 dBm | -28.91 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.78906 GHz | -38.29 dBm | -25.29 dB |

Date: 26.MAY.2016 10:30:03

### Lowest Channel / 16QAM

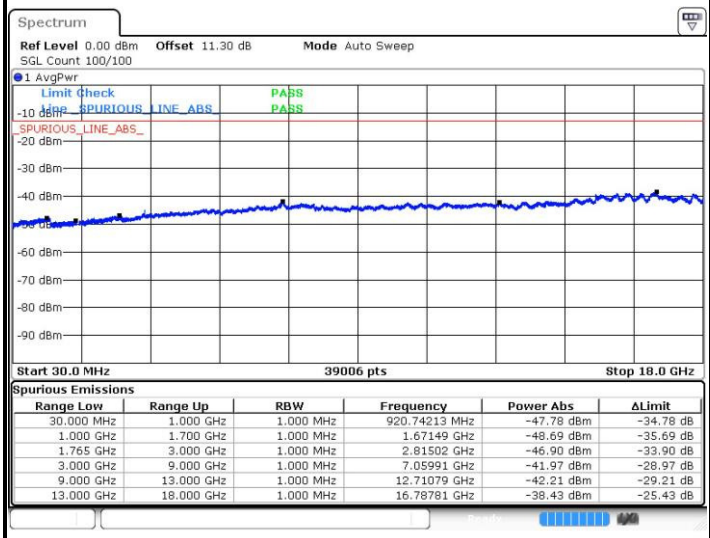



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 991.03198 MHz | -47.72 dBm | -34.72 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.36504 GHz | -48.83 dBm | -35.83 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.67181 GHz | -46.84 dBm | -33.84 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.05641 GHz | -41.91 dBm | -28.91 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.70979 GHz | -42.01 dBm | -29.01 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.78281 GHz | -38.27 dBm | -25.27 dB |

Date: 26.MAY.2016 10:30:59

### Middle Channel / QPSK

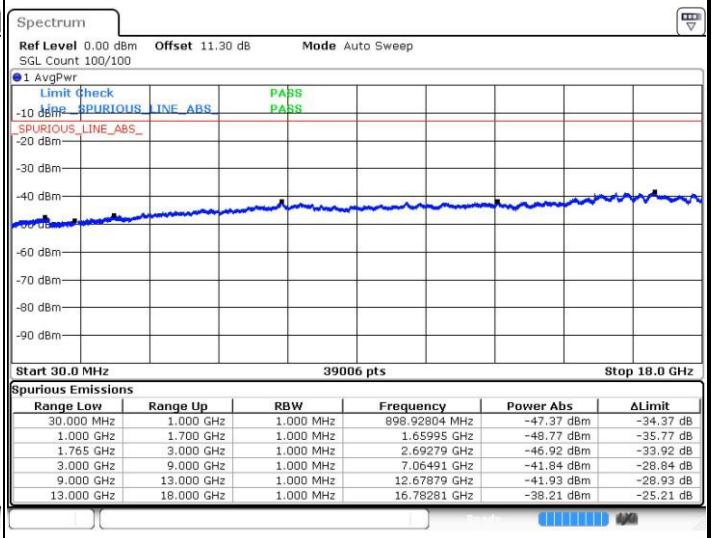



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 920.74213 MHz | -47.78 dBm | -34.78 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.67149 GHz | -48.69 dBm | -35.69 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.81502 GHz | -46.90 dBm | -33.90 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.05991 GHz | -41.97 dBm | -28.97 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.71079 GHz | -42.21 dBm | -29.21 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.78781 GHz | -38.43 dBm | -25.43 dB |

Date: 26.MAY.2016 10:32:36

### Middle Channel / 16QAM



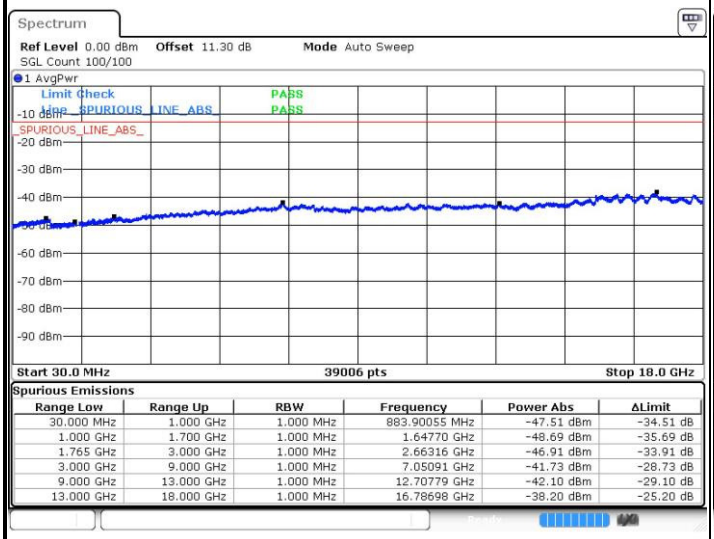

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 898.92804 MHz | -47.37 dBm | -34.37 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.65995 GHz | -48.77 dBm | -35.77 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.69279 GHz | -46.92 dBm | -33.92 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.06491 GHz | -41.84 dBm | -28.84 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.67879 GHz | -41.93 dBm | -28.93 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.78281 GHz | -38.21 dBm | -25.21 dB |

Date: 26.MAY.2016 10:33:31

## LTE Band 4 / 1.4MHz

### Highest Channel / QPSK

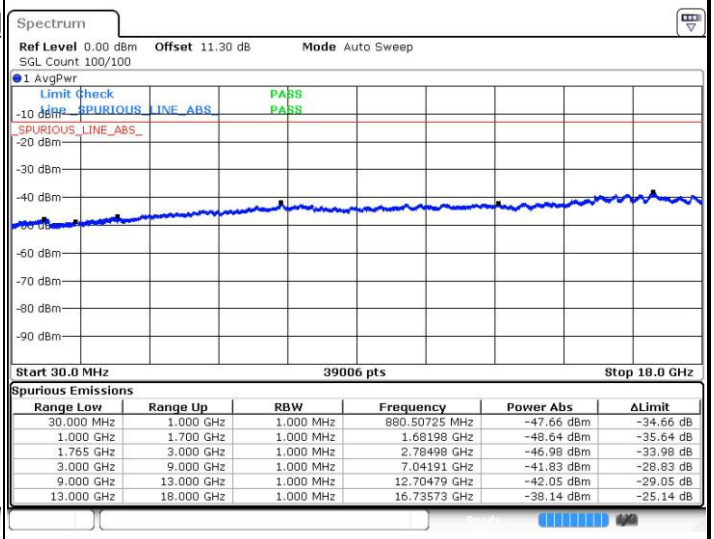



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 883.90055 MHz | -47.51 dBm | -34.51 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.64770 GHz | -48.69 dBm | -35.69 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.66316 GHz | -46.91 dBm | -33.91 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.05091 GHz | -41.73 dBm | -28.73 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.70779 GHz | -42.10 dBm | -29.10 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.78698 GHz | -38.20 dBm | -25.20 dB |

Date: 26.MAY.2016 10:39:46

### Highest Channel / 16QAM



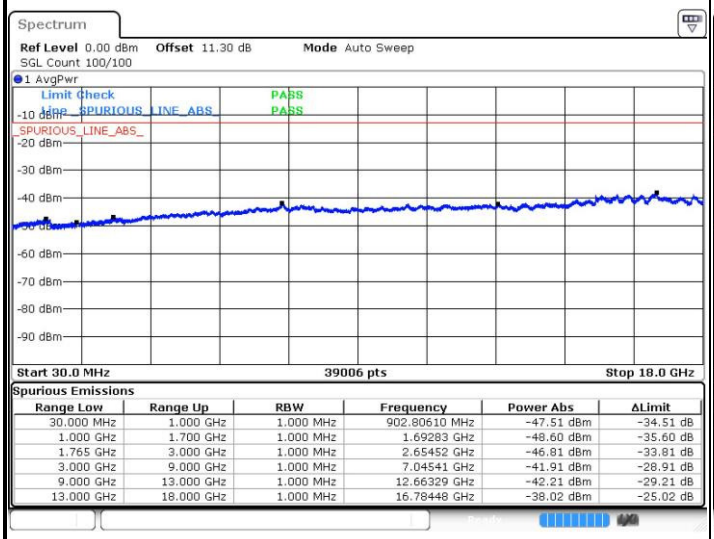

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 880.50725 MHz | -47.66 dBm | -34.66 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.68198 GHz | -48.64 dBm | -35.64 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.78498 GHz | -46.98 dBm | -33.98 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.04191 GHz | -41.83 dBm | -28.83 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.70479 GHz | -42.05 dBm | -29.05 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.73573 GHz | -38.14 dBm | -25.14 dB |

Date: 26.MAY.2016 10:40:41

## LTE Band 4 / 3MHz

### Lowest Channel / QPSK

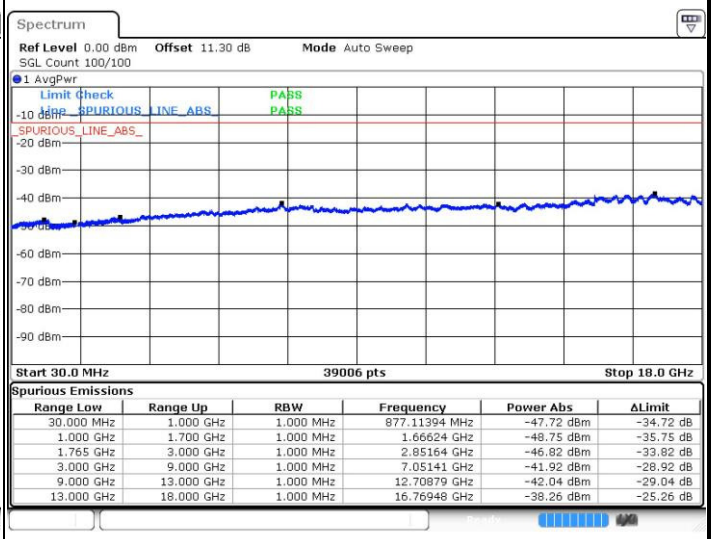



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 902.80610 MHz | -47.51 dBm | -34.51 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.69283 GHz | -48.60 dBm | -35.60 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.65452 GHz | -46.81 dBm | -33.81 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.04541 GHz | -41.91 dBm | -28.91 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.66329 GHz | -42.21 dBm | -29.21 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.78448 GHz | -38.02 dBm | -25.02 dB |

Date: 26.MAY.2016 08:59:55

### Lowest Channel / 16QAM



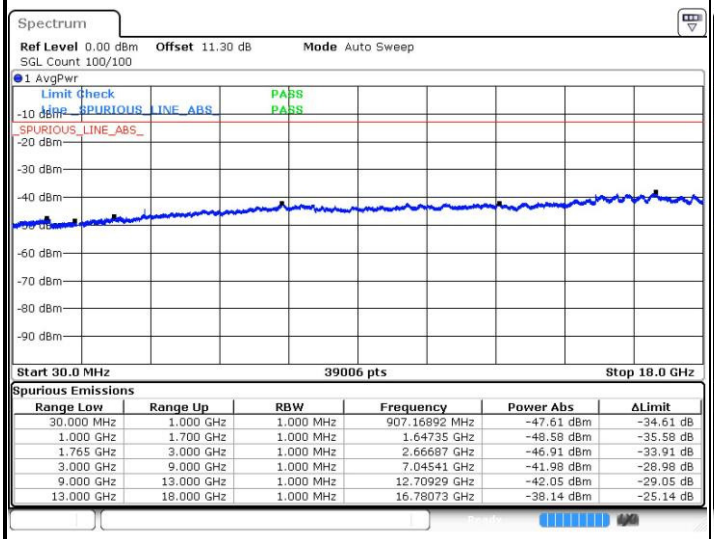

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 877.11394 MHz | -47.72 dBm | -34.72 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.66624 GHz | -48.75 dBm | -35.75 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.85164 GHz | -46.82 dBm | -33.82 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.05141 GHz | -41.92 dBm | -28.92 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.70879 GHz | -42.04 dBm | -29.04 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.76948 GHz | -38.26 dBm | -25.26 dB |

Date: 26.MAY.2016 09:00:50

## LTE Band 4 / 3MHz

### Middle Channel / QPSK

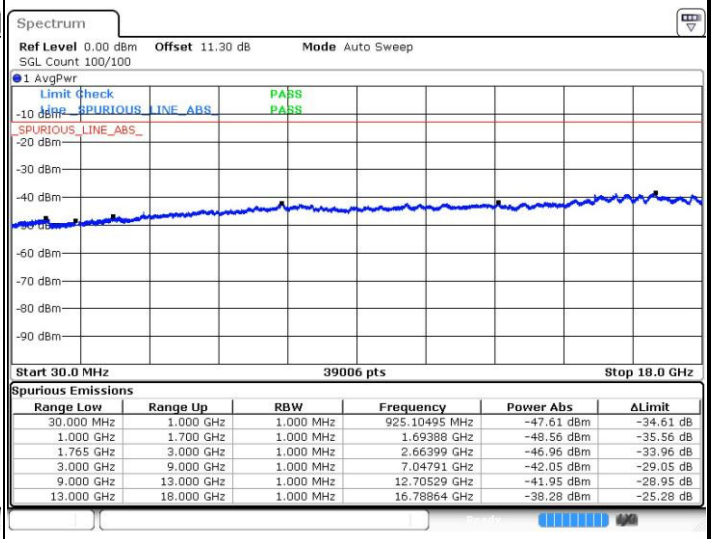



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 907.16892 MHz | -47.61 dBm | -34.61 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.64735 GHz | -48.58 dBm | -35.58 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.66687 GHz | -46.91 dBm | -33.91 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.04541 GHz | -41.98 dBm | -28.98 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.70929 GHz | -42.05 dBm | -29.05 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.78073 GHz | -38.14 dBm | -25.14 dB |

Date: 26.MAY.2016 09:02:27

### Middle Channel / 16QAM

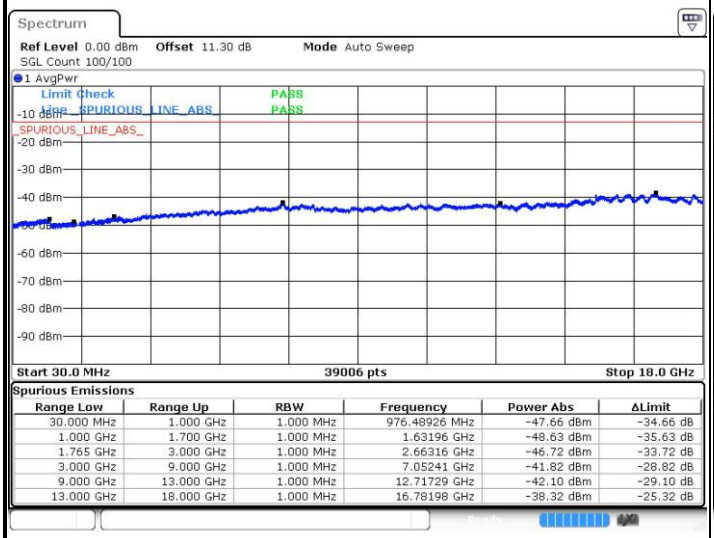



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 925.10495 MHz | -47.61 dBm | -34.61 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.69388 GHz | -48.56 dBm | -35.56 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.66399 GHz | -46.96 dBm | -33.96 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.04791 GHz | -42.05 dBm | -29.05 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.70529 GHz | -41.95 dBm | -28.95 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.78864 GHz | -38.28 dBm | -25.28 dB |

Date: 26.MAY.2016 09:03:22

### Highest Channel / QPSK

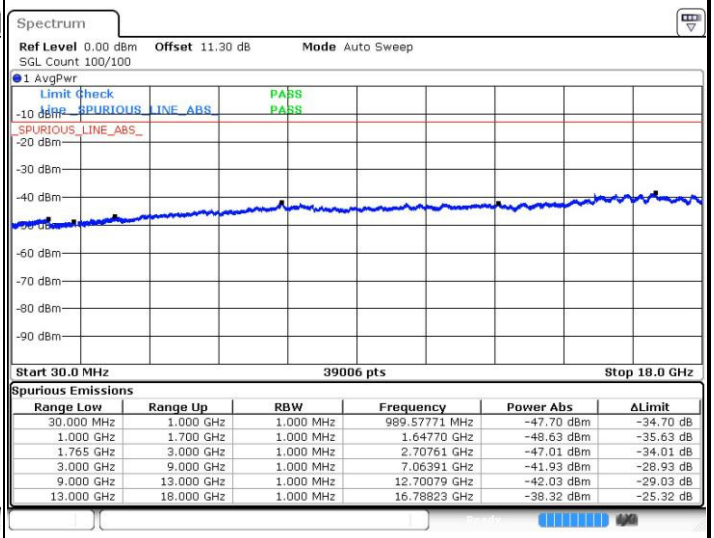



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 976.48926 MHz | -47.66 dBm | -34.66 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.63196 GHz | -48.63 dBm | -35.63 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.66316 GHz | -46.72 dBm | -33.72 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.05241 GHz | -41.82 dBm | -28.82 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.71729 GHz | -42.10 dBm | -29.10 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.78198 GHz | -38.32 dBm | -25.32 dB |

Date: 26.MAY.2016 09:09:36

### Highest Channel / 16QAM



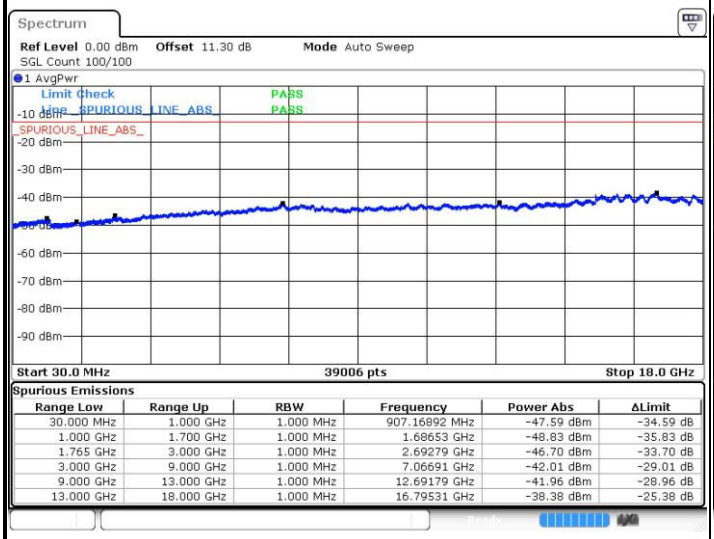

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 989.57771 MHz | -47.70 dBm | -34.70 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.64770 GHz | -48.63 dBm | -35.63 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.70761 GHz | -47.01 dBm | -34.01 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.06391 GHz | -41.93 dBm | -28.93 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.70079 GHz | -42.03 dBm | -29.03 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.78823 GHz | -38.32 dBm | -25.32 dB |

Date: 26.MAY.2016 09:10:31

## LTE Band 4 / 5MHz

### Lowest Channel / QPSK

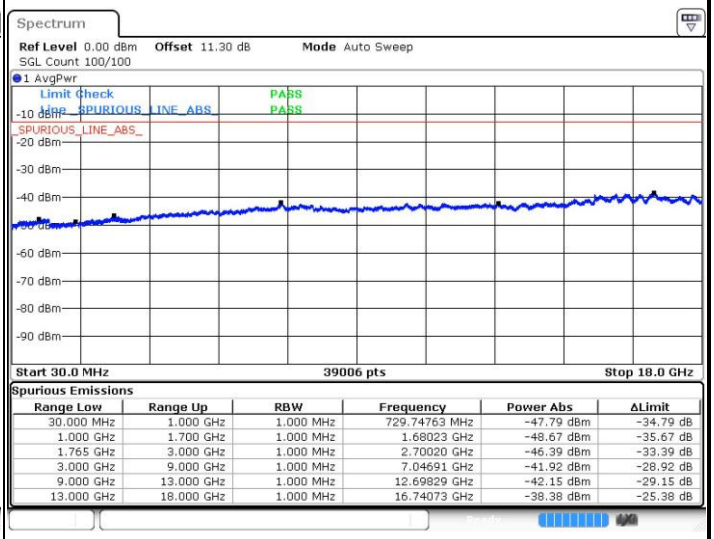



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 907.16892 MHz | -47.59 dBm | -34.59 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.68653 GHz | -48.83 dBm | -35.83 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.69279 GHz | -46.70 dBm | -33.70 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.06691 GHz | -42.01 dBm | -29.01 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.69179 GHz | -41.96 dBm | -28.96 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.79531 GHz | -38.38 dBm | -25.38 dB |

Date: 26.MAY.2016 09:16:45

### Lowest Channel / 16QAM

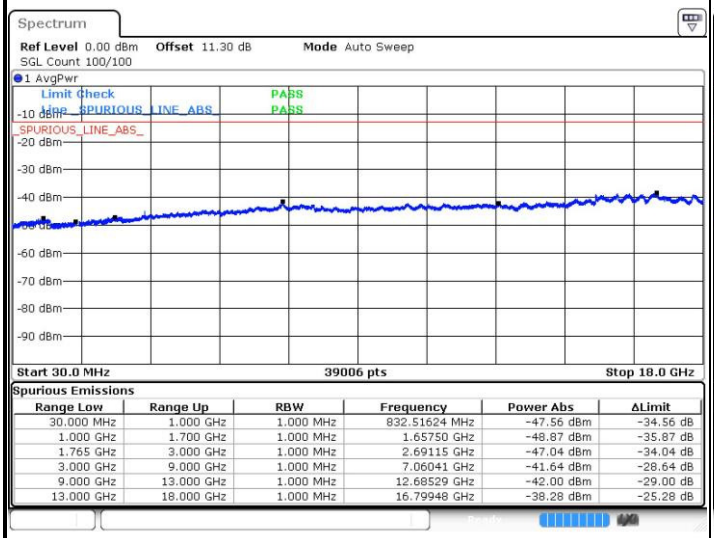



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 729.74763 MHz | -47.79 dBm | -34.79 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.68023 GHz | -48.67 dBm | -35.67 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.70020 GHz | -46.39 dBm | -33.39 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.04691 GHz | -41.92 dBm | -28.92 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.69829 GHz | -42.15 dBm | -29.15 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.74073 GHz | -38.38 dBm | -25.38 dB |

Date: 26.MAY.2016 09:17:40

### Middle Channel / QPSK

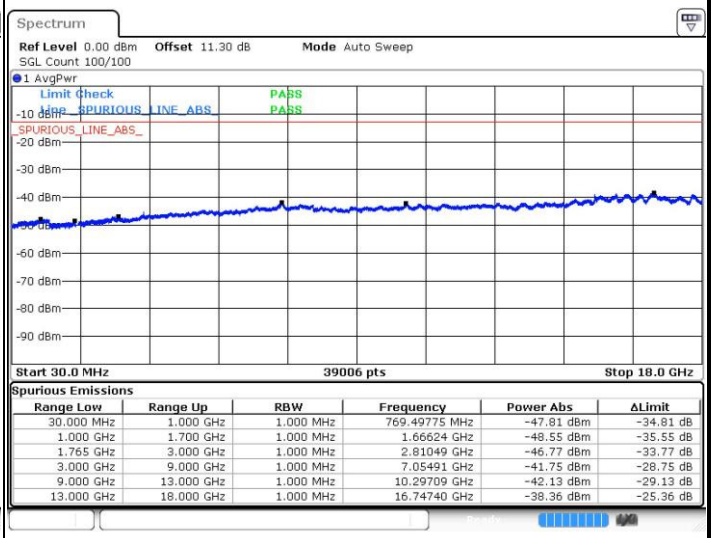



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 832.51624 MHz | -47.56 dBm | -34.56 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.65750 GHz | -48.87 dBm | -35.87 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.69115 GHz | -47.04 dBm | -34.04 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.06041 GHz | -41.64 dBm | -28.64 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.68529 GHz | -42.00 dBm | -29.00 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.79948 GHz | -38.28 dBm | -25.28 dB |

Date: 26.MAY.2016 09:19:17

### Middle Channel / 16QAM



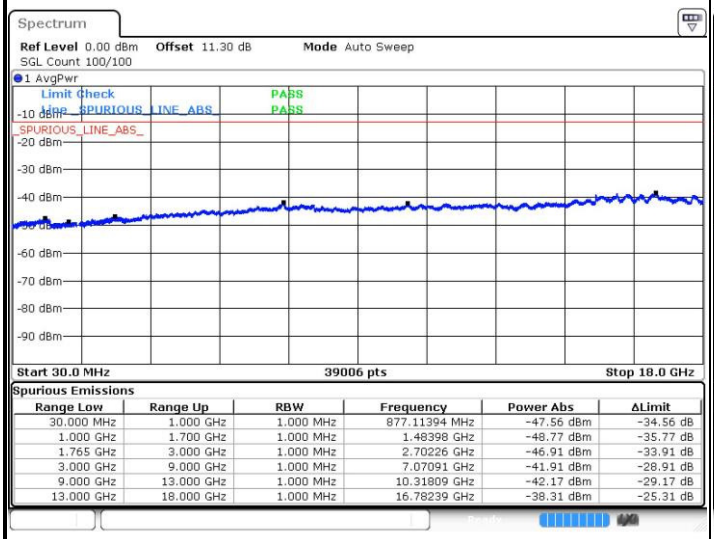

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 769.49775 MHz | -47.81 dBm | -34.81 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.66624 GHz | -48.55 dBm | -35.55 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.81049 GHz | -46.77 dBm | -33.77 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.05491 GHz | -41.75 dBm | -28.75 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 10.29709 GHz | -42.13 dBm | -29.13 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.74740 GHz | -38.36 dBm | -25.36 dB |

Date: 26.MAY.2016 09:20:12

## LTE Band 4 / 5MHz

### Highest Channel / QPSK

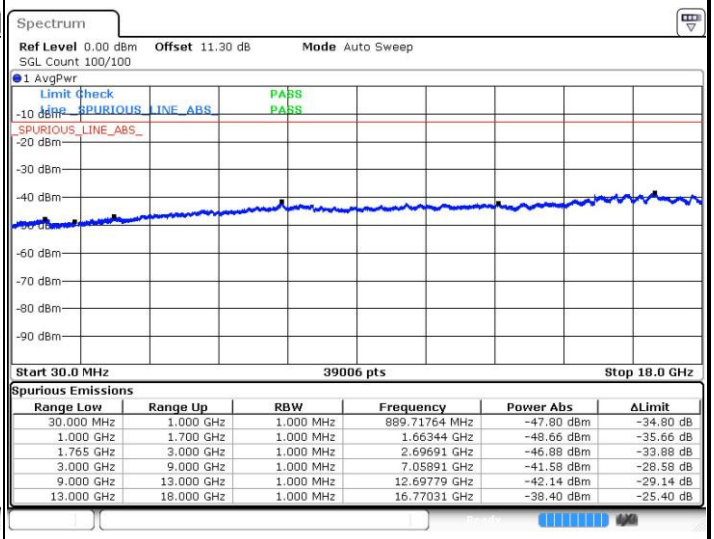



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 877.11394 MHz | -47.56 dBm | -34.56 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.48398 GHz | -48.77 dBm | -35.77 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.70226 GHz | -46.91 dBm | -33.91 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.07091 GHz | -41.91 dBm | -28.91 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 10.31809 GHz | -42.17 dBm | -29.17 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.78239 GHz | -38.31 dBm | -25.31 dB |

Date: 26.MAY.2016 09:26:26

### Highest Channel / 16QAM



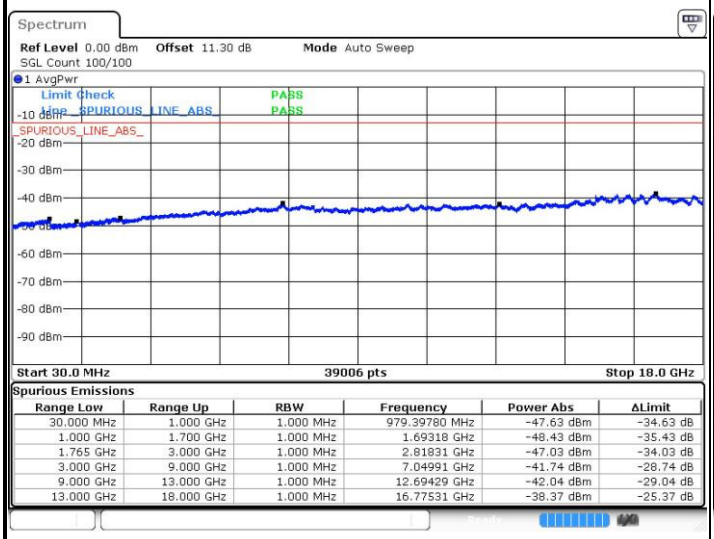

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 889.71764 MHz | -47.80 dBm | -34.80 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.66344 GHz | -48.66 dBm | -35.66 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.69691 GHz | -46.88 dBm | -33.88 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.05891 GHz | -41.58 dBm | -28.58 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.69779 GHz | -42.14 dBm | -29.14 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.77031 GHz | -38.40 dBm | -25.40 dB |

Date: 26.MAY.2016 09:27:21

## LTE Band 4 / 10MHz

### Lowest Channel / QPSK

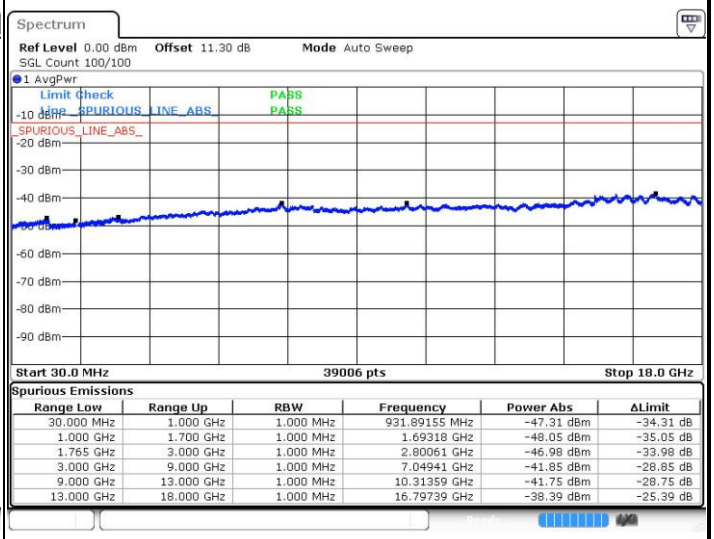



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 979.39780 MHz | -47.63 dBm | -34.63 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.69318 GHz | -48.43 dBm | -35.43 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.81831 GHz | -47.03 dBm | -34.03 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.04991 GHz | -41.74 dBm | -28.74 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.69429 GHz | -42.04 dBm | -29.04 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.77531 GHz | -38.37 dBm | -25.37 dB |

Date: 26.MAY.2016 09:33:36

### Lowest Channel / 16QAM



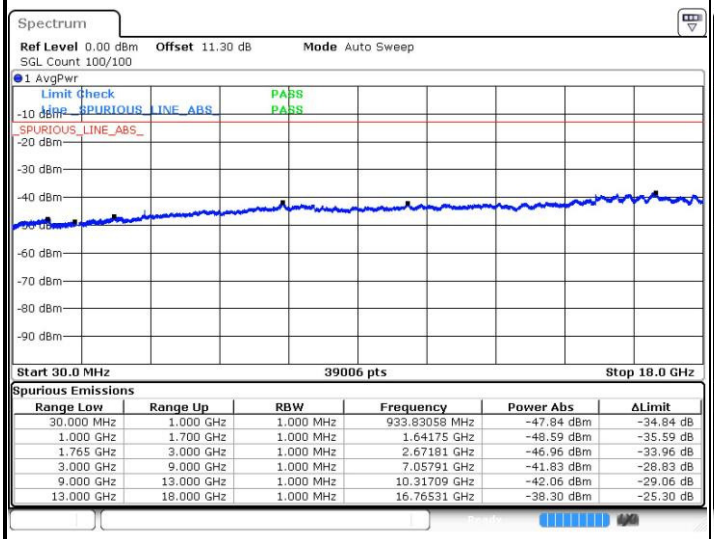

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 931.89155 MHz | -47.31 dBm | -34.31 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.69318 GHz | -48.05 dBm | -35.05 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.80061 GHz | -46.98 dBm | -33.98 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.04941 GHz | -41.85 dBm | -28.85 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 10.31359 GHz | -41.75 dBm | -28.75 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.79739 GHz | -38.39 dBm | -25.39 dB |

Date: 26.MAY.2016 09:34:30

## LTE Band 4 / 10MHz

### Middle Channel / QPSK

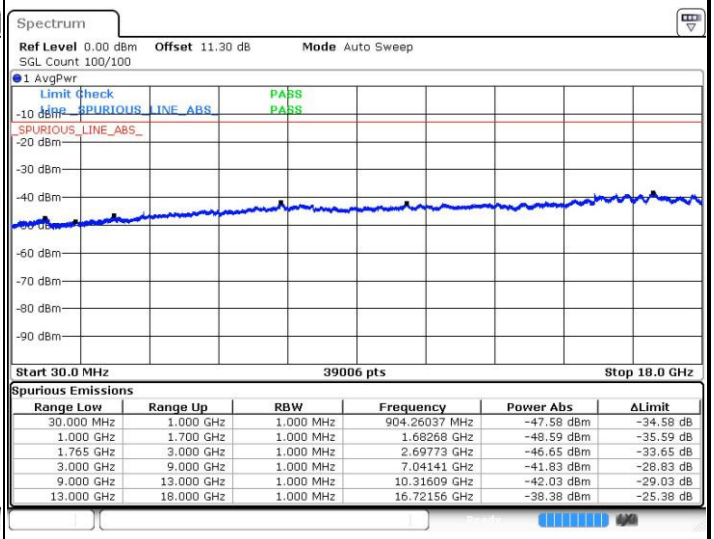



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 933.83058 MHz | -47.84 dBm | -34.84 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.64175 GHz | -48.59 dBm | -35.59 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.67181 GHz | -46.96 dBm | -33.96 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.05791 GHz | -41.83 dBm | -28.83 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 10.31709 GHz | -42.06 dBm | -29.06 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.76531 GHz | -38.30 dBm | -25.30 dB |

Date: 26.MAY.2016 09:36:08

### Middle Channel / 16QAM

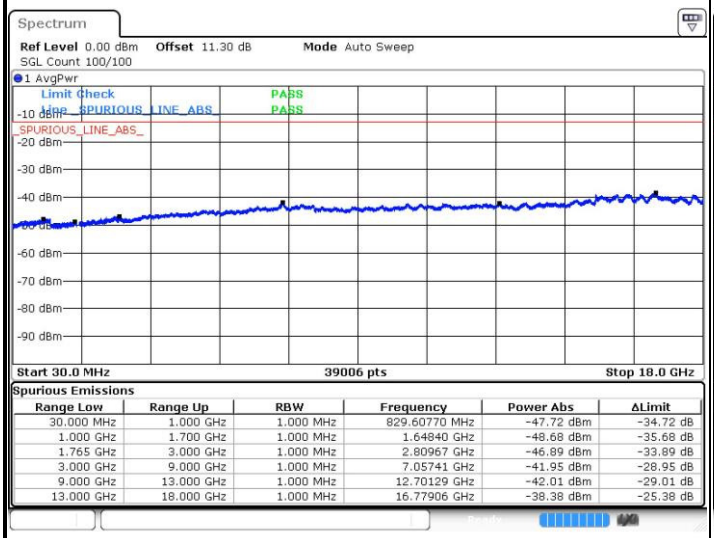



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 904.26037 MHz | -47.58 dBm | -34.58 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.68268 GHz | -48.59 dBm | -35.59 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.69773 GHz | -46.65 dBm | -33.65 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.04141 GHz | -41.83 dBm | -28.83 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 10.31609 GHz | -42.03 dBm | -29.03 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.72156 GHz | -38.38 dBm | -25.38 dB |

Date: 26.MAY.2016 09:37:02

### Highest Channel / QPSK

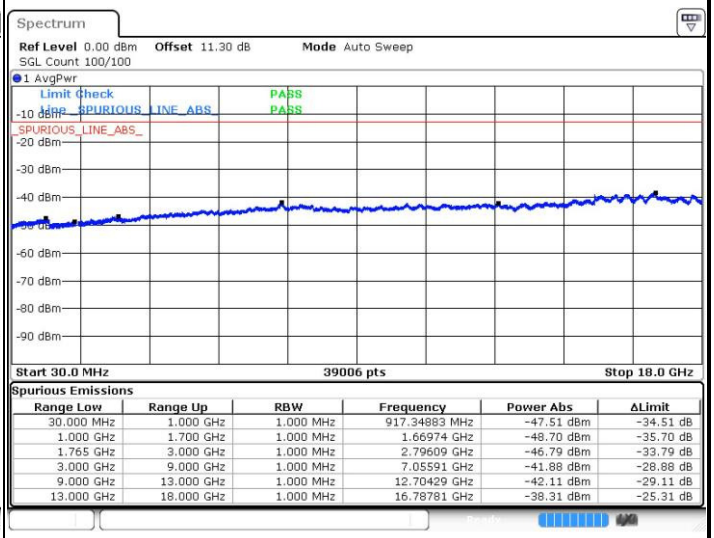



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 829.60770 MHz | -47.72 dBm | -34.72 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.64840 GHz | -48.68 dBm | -35.68 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.80967 GHz | -46.89 dBm | -33.89 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.05741 GHz | -41.95 dBm | -28.95 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.70129 GHz | -42.01 dBm | -29.01 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.77906 GHz | -38.38 dBm | -25.38 dB |

Date: 26.MAY.2016 09:43:17

### Highest Channel / 16QAM



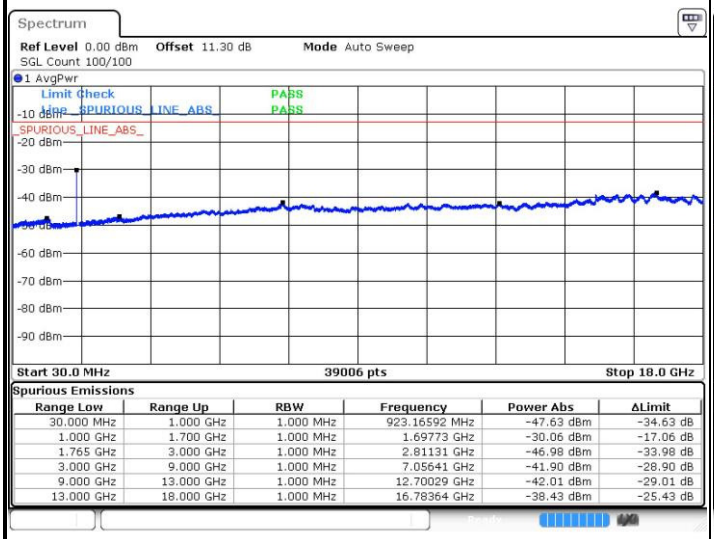

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 917.34883 MHz | -47.51 dBm | -34.51 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.66974 GHz | -48.70 dBm | -35.70 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.79609 GHz | -46.79 dBm | -33.79 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.05591 GHz | -41.88 dBm | -28.88 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.70429 GHz | -42.11 dBm | -29.11 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.78781 GHz | -38.31 dBm | -25.31 dB |

Date: 26.MAY.2016 09:44:11

## LTE Band 4 / 15MHz

### Lowest Channel / QPSK

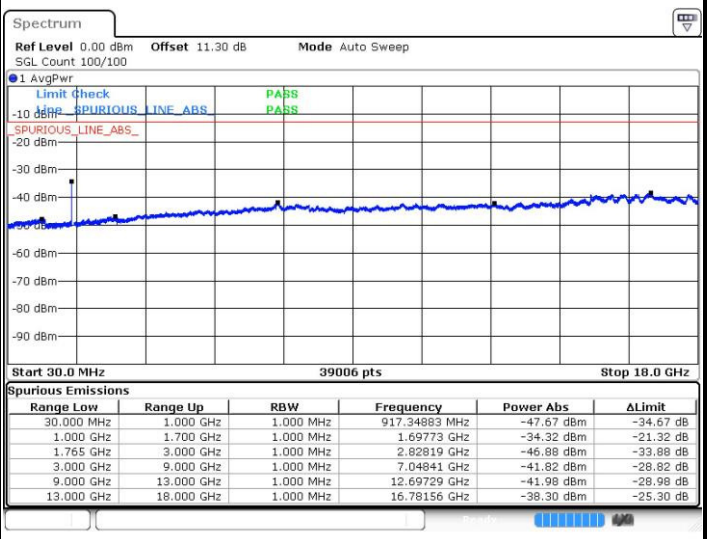



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 923.16592 MHz | -47.63 dBm | -34.63 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.69773 GHz | -30.06 dBm | -17.06 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.81131 GHz | -46.98 dBm | -33.98 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.05641 GHz | -41.90 dBm | -28.90 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.70029 GHz | -42.01 dBm | -29.01 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.78364 GHz | -38.43 dBm | -25.43 dB |

Date: 26.MAY.2016 09:55:42

### Lowest Channel / 16QAM

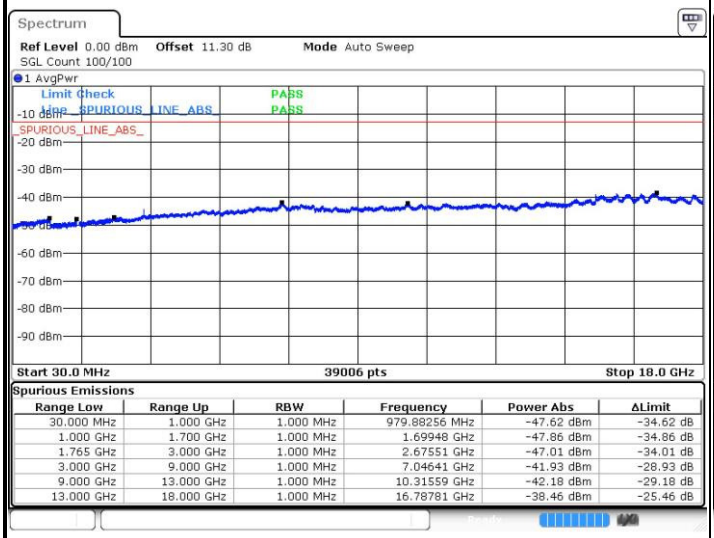



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 917.34883 MHz | -47.67 dBm | -34.67 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.69773 GHz | -34.32 dBm | -21.32 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.82819 GHz | -46.88 dBm | -33.88 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.04841 GHz | -41.82 dBm | -28.82 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.69729 GHz | -41.98 dBm | -28.98 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.78156 GHz | -38.30 dBm | -25.30 dB |

Date: 26.MAY.2016 09:56:37

### Middle Channel / QPSK

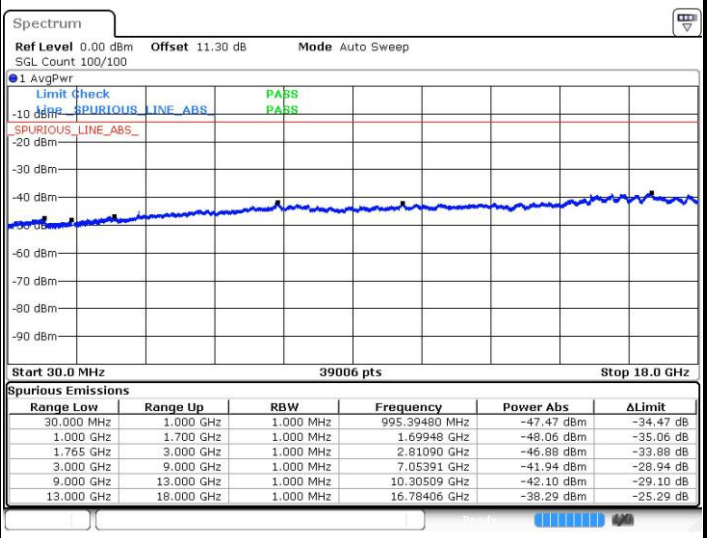



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 979.88256 MHz | -47.62 dBm | -34.62 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.69948 GHz | -47.86 dBm | -34.86 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.67551 GHz | -47.01 dBm | -34.01 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.04641 GHz | -41.93 dBm | -28.93 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 10.31559 GHz | -42.18 dBm | -29.18 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.78781 GHz | -38.46 dBm | -25.46 dB |

Date: 26.MAY.2016 09:58:14

### Middle Channel / 16QAM



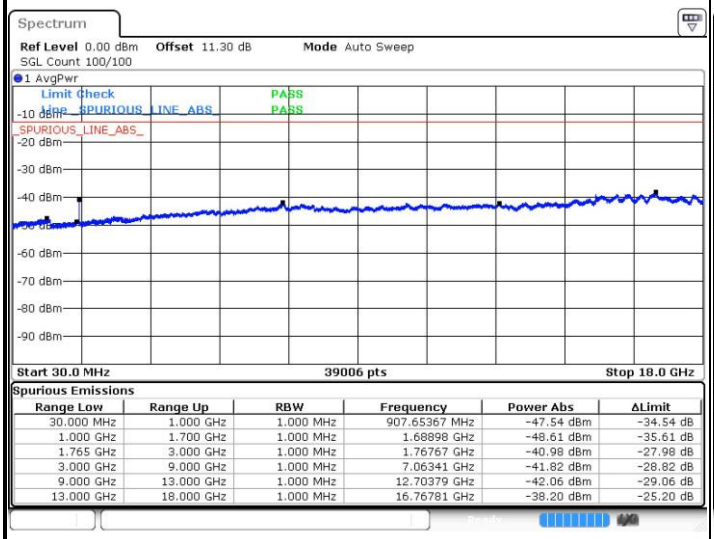

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 995.39480 MHz | -47.47 dBm | -34.47 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.69948 GHz | -48.06 dBm | -35.06 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.81090 GHz | -46.88 dBm | -33.88 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.05391 GHz | -41.94 dBm | -28.94 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 10.30509 GHz | -42.10 dBm | -29.10 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.78406 GHz | -38.29 dBm | -25.29 dB |

Date: 26.MAY.2016 09:59:08

## LTE Band 4 / 15MHz

### Highest Channel / QPSK

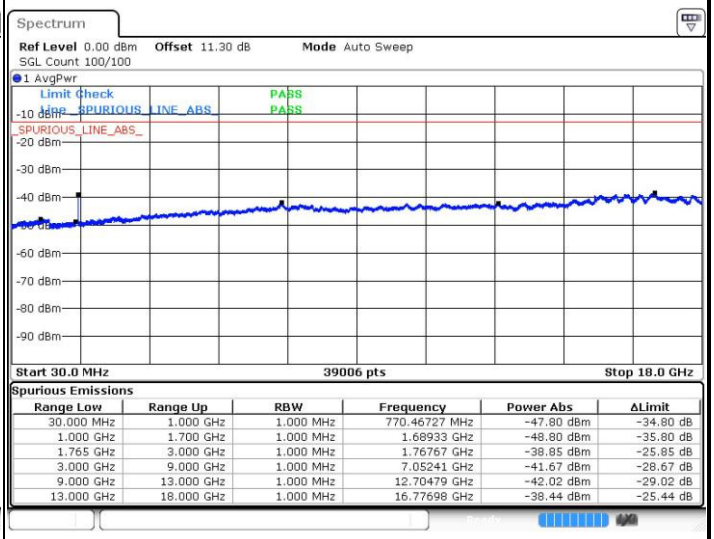



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 907.65367 MHz | -47.54 dBm | -34.54 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.68898 GHz | -48.61 dBm | -35.61 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 1.76767 GHz | -40.98 dBm | -27.98 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.06341 GHz | -41.82 dBm | -28.82 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.70379 GHz | -42.06 dBm | -29.06 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.76781 GHz | -38.20 dBm | -25.20 dB |

Date: 26.MAY.2016 10:05:22

### Highest Channel / 16QAM



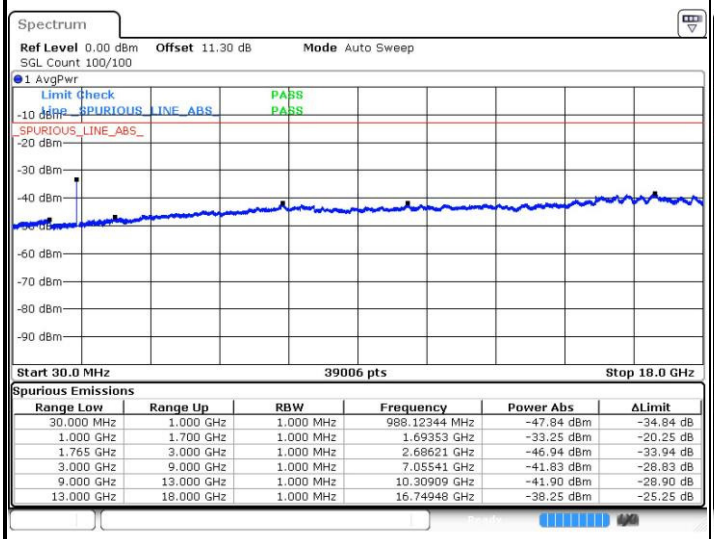

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 770.46727 MHz | -47.80 dBm | -34.80 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.68933 GHz | -48.80 dBm | -35.80 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 1.76767 GHz | -38.85 dBm | -25.85 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.05241 GHz | -41.67 dBm | -28.67 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.70479 GHz | -42.02 dBm | -29.02 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.77698 GHz | -38.44 dBm | -25.44 dB |

Date: 26.MAY.2016 10:06:17

## LTE Band 4 / 20MHz

### Lowest Channel / QPSK

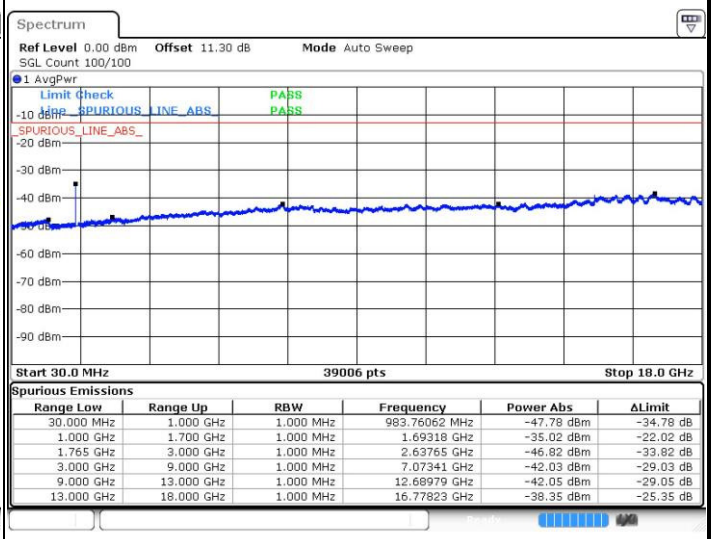



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 988.12344 MHz | -47.84 dBm | -34.84 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.69353 GHz | -33.25 dBm | -20.25 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.68621 GHz | -46.94 dBm | -33.94 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.05541 GHz | -41.83 dBm | -28.83 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 10.30909 GHz | -41.90 dBm | -28.90 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.74948 GHz | -38.25 dBm | -25.25 dB |

Date: 26.MAY.2016 10:12:30

### Lowest Channel / 16QAM



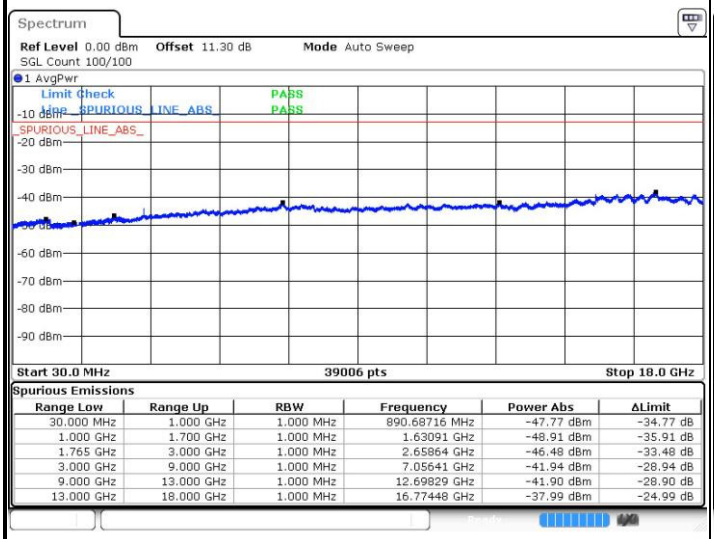

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 983.76062 MHz | -47.78 dBm | -34.78 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.69318 GHz | -35.02 dBm | -22.02 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.63765 GHz | -46.82 dBm | -33.82 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.07341 GHz | -42.03 dBm | -29.03 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.68979 GHz | -42.05 dBm | -29.05 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.77823 GHz | -38.35 dBm | -25.35 dB |

Date: 26.MAY.2016 10:13:25

## LTE Band 4 / 20MHz

### Middle Channel / QPSK

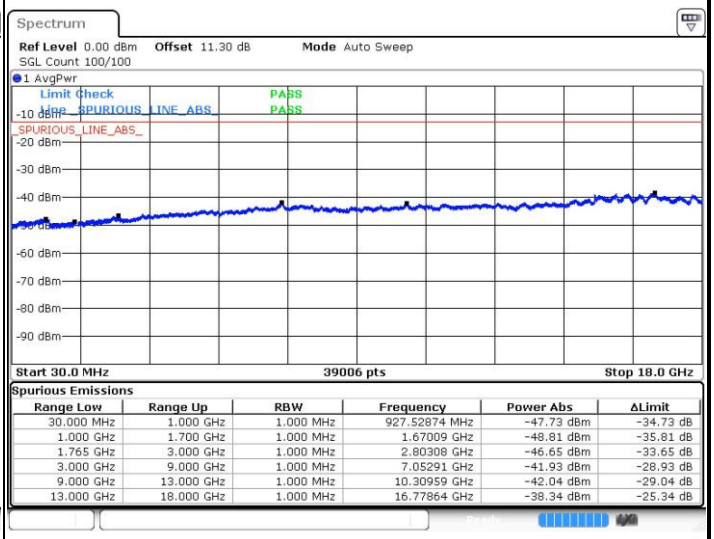



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 890.68716 MHz | -47.77 dBm | -34.77 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.63091 GHz | -48.91 dBm | -35.91 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.65864 GHz | -46.48 dBm | -33.48 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.05641 GHz | -41.94 dBm | -28.94 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.69829 GHz | -41.90 dBm | -28.90 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.77448 GHz | -37.99 dBm | -24.99 dB |

Date: 26.MAY.2016 10:15:02

### Middle Channel / 16QAM

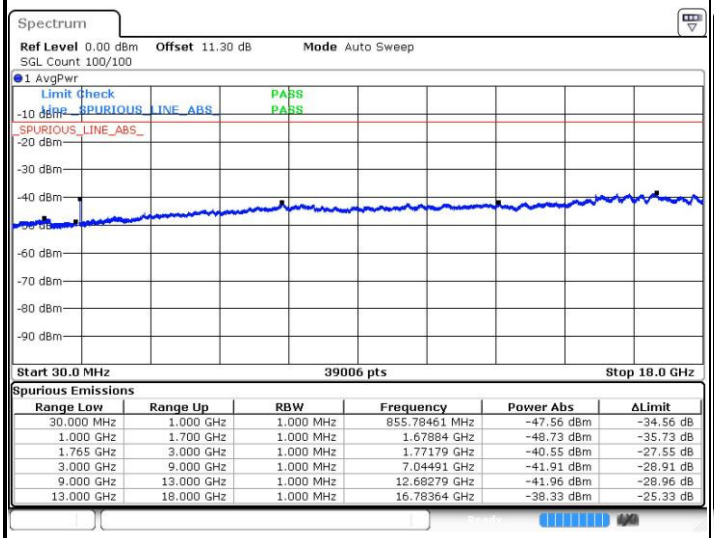



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 927.52874 MHz | -47.73 dBm | -34.73 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.67009 GHz | -48.81 dBm | -35.81 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.80308 GHz | -46.65 dBm | -33.65 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.05291 GHz | -41.93 dBm | -28.93 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 10.30959 GHz | -42.04 dBm | -29.04 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.77864 GHz | -38.34 dBm | -25.34 dB |

Date: 26.MAY.2016 10:15:57

### Highest Channel / QPSK

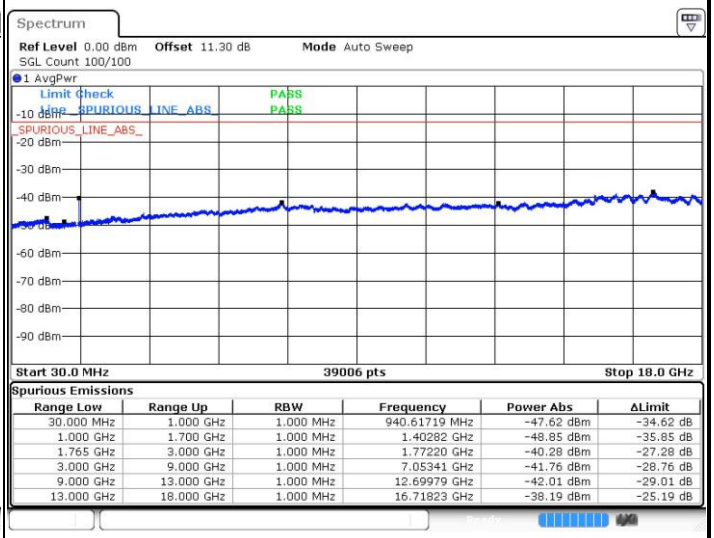



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 855.78461 MHz | -47.56 dBm | -34.56 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.67884 GHz | -48.73 dBm | -35.73 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 1.77179 GHz | -40.55 dBm | -27.55 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.04491 GHz | -41.91 dBm | -28.91 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.68279 GHz | -41.96 dBm | -28.96 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.78364 GHz | -38.33 dBm | -25.33 dB |

Date: 26.MAY.2016 10:22:10

### Highest Channel / 16QAM




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 940.61719 MHz | -47.62 dBm | -34.62 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.40282 GHz | -48.85 dBm | -35.85 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 1.77220 GHz | -40.28 dBm | -27.28 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.05341 GHz | -41.76 dBm | -28.76 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.69979 GHz | -42.01 dBm | -29.01 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.71823 GHz | -38.19 dBm | -25.19 dB |

Date: 26.MAY.2016 10:23:05

# Frequency Stability

| Test Conditions | | LTE Band 4 (QPSK) / Middle Channel | Limit |
|---|---|---|---|
| Temperature (°C) | Voltage (Volt) | BW 10MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0009 | PASS |
| 40 | Normal Voltage | 0.0001 | |
| 30 | Normal Voltage | 0.0069 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0077 | |
| 0 | Normal Voltage | 0.0072 | |
| -10 | Normal Voltage | 0.0004 | |
| -20 | Normal Voltage | 0.0070 | |
| -30 | Normal Voltage | 0.0008 | |
| 20 | Maximum Voltage | 0.0076 | |
| 20 | Normal Voltage | 0.0000 | |
| 20 | Battery End Point | 0.0001 | |

**Note:**

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

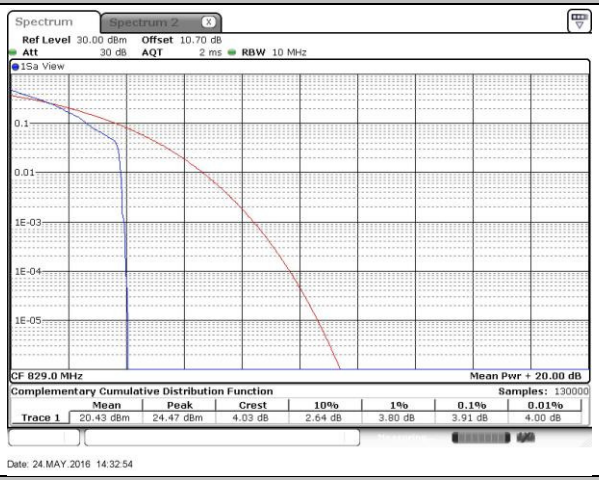
# LTE Band 5

## Peak-to-Average Ratio

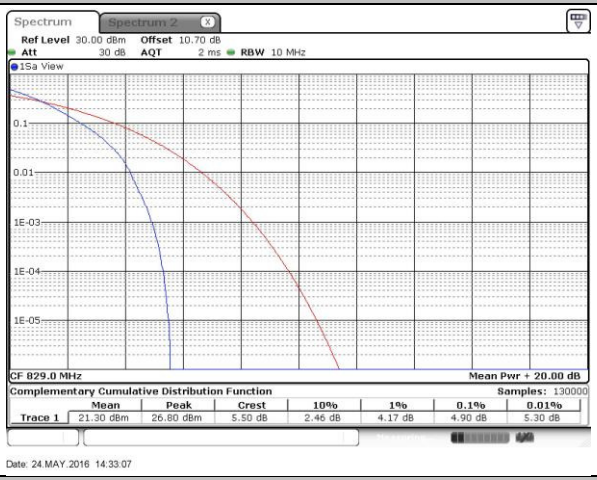
| Mode | LTE Band 5 / 10MHz | | | | |
|---|---|---|---|---|---|
| Mod. | QPSK | | 16QAM | | Limit: 13dB |
| RB Size | 1RB | Full RB | 1RB | Full RB | Result |
| Lowest CH | 3.91 | 4.9 | 4.75 | 5.88 | PASS |
| Middle CH | 3.74 | 5.13 | 4.38 | 6.09 | |
| Highest CH | 3.97 | 4.93 | 4.93 | 5.88 | |

## LTE Band 5 / 10MHz / QPSK

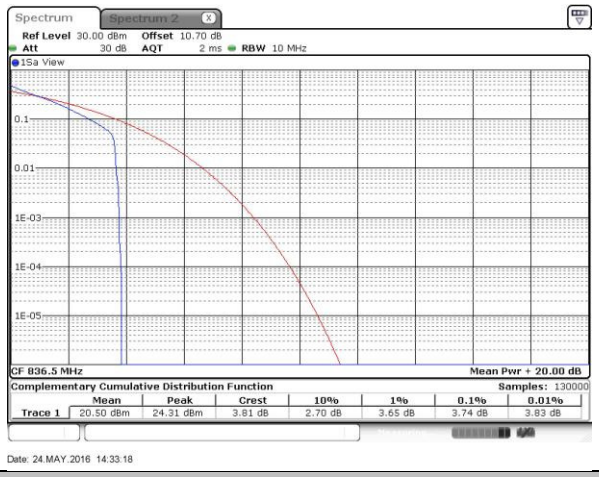
### Lowest Channel / 1RB



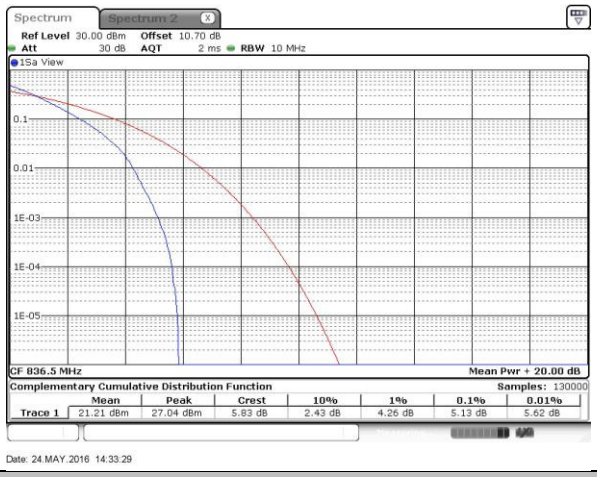

### Lowest Channel / Full RB

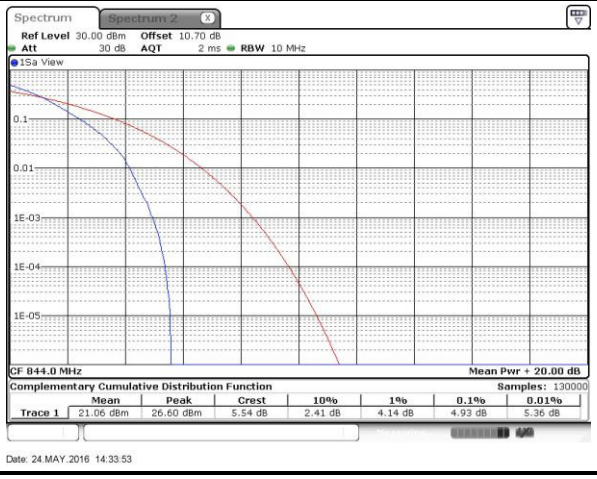



### Middle Channel / 1RB




### Middle Channel / Full RB




### Highest Channel / 1RB

### Highest Channel / Full RB