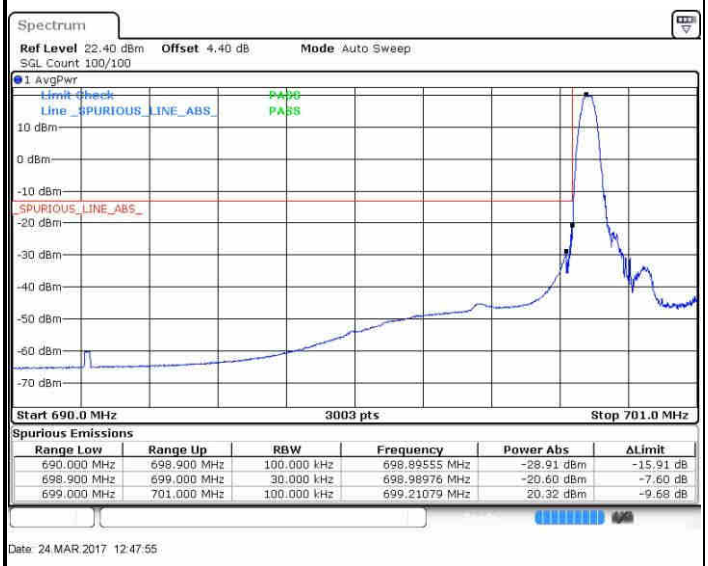
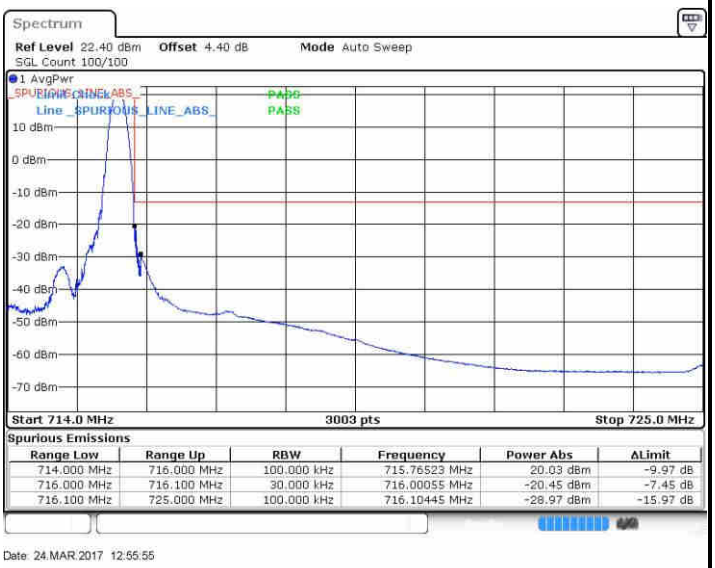
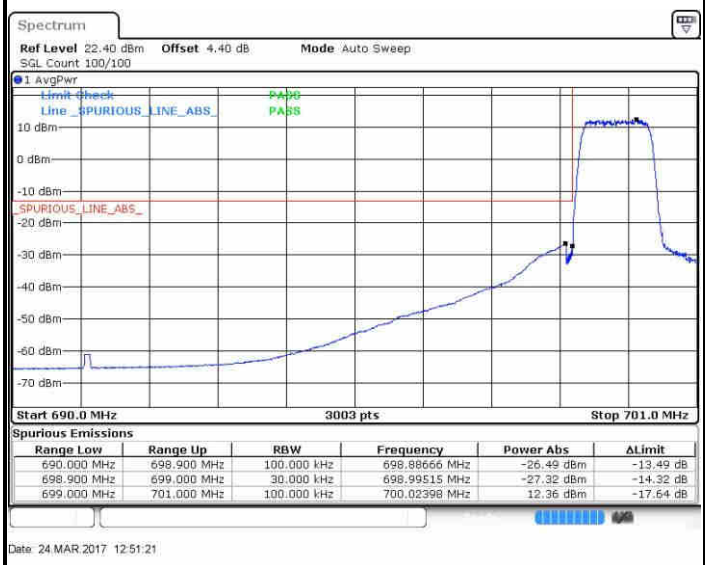
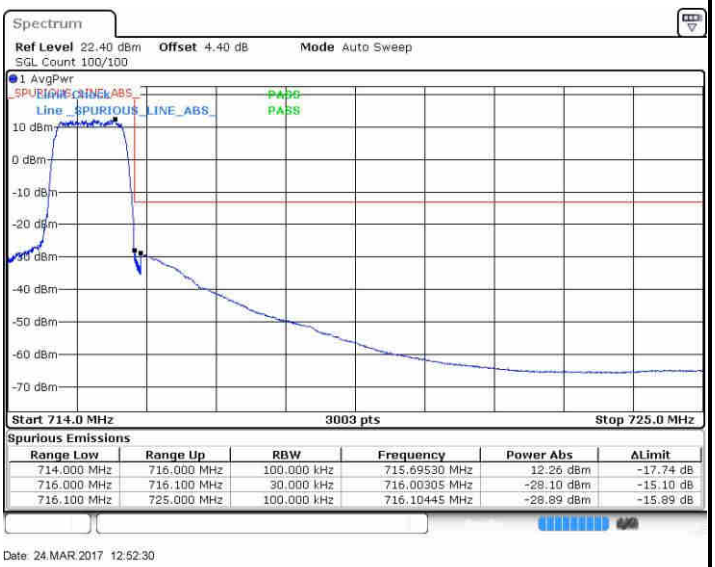
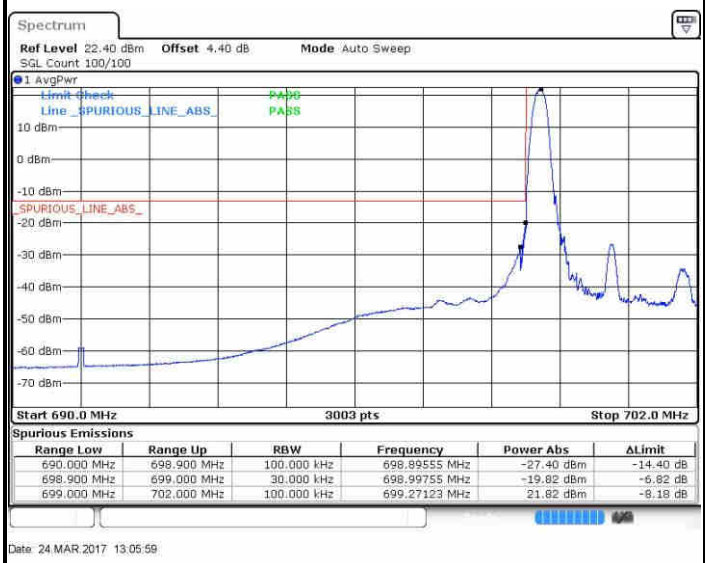
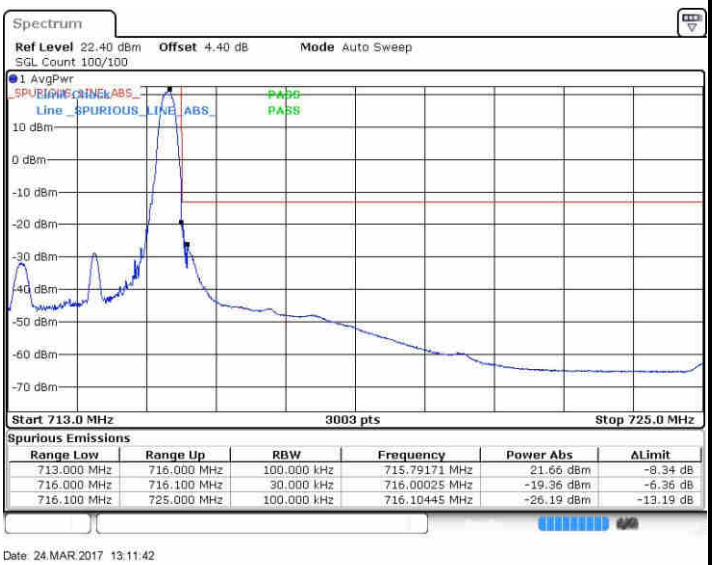
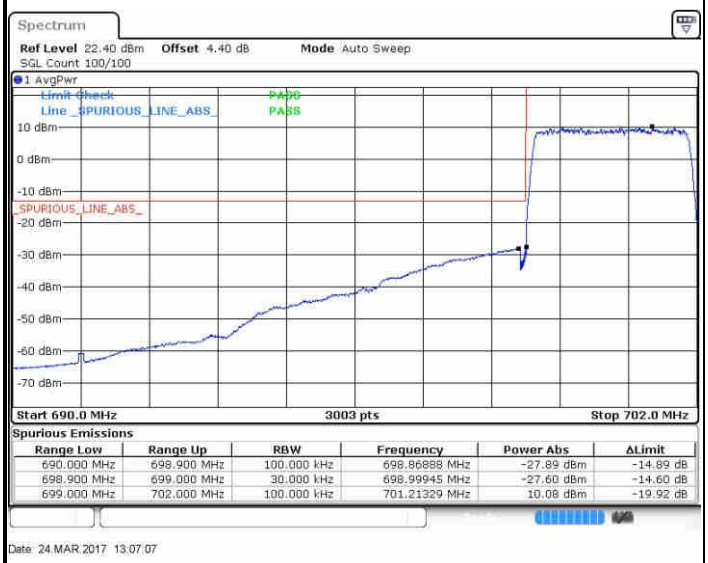
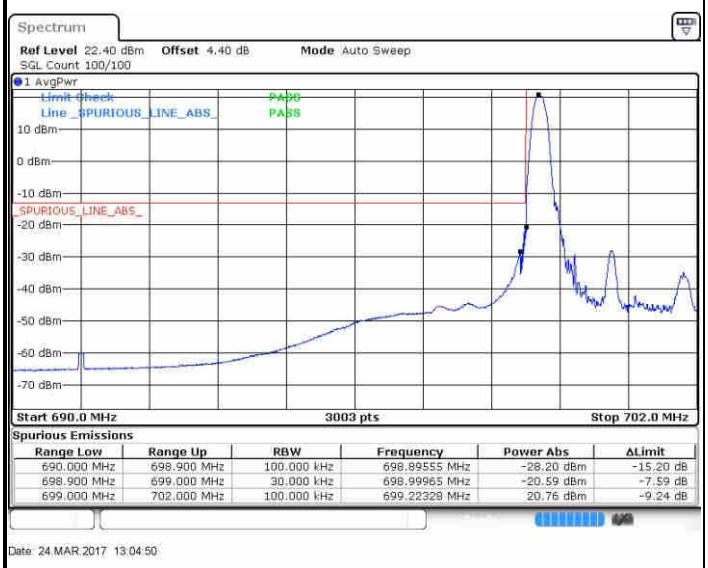
| LTE Band 12 / 1.4MHz / 16QAM | |
|---|---|
| **Lowest Band Edge / 1 RB** | **Highest Band Edge / 1 RB** |
|  |  |
| **Lowest Band Edge / Full RB** | **Highest Band Edge / Full RB** |
|  |  |

| LTE Band 12 / 3MHz / QPSK | |
|---|---|
| **Lowest Band Edge / 1RB** | **Highest Band Edge / 1 RB** |
|  |  |
| **Lowest Band Edge / Full RB** | **Highest Band Edge / Full RB** |
|  | |

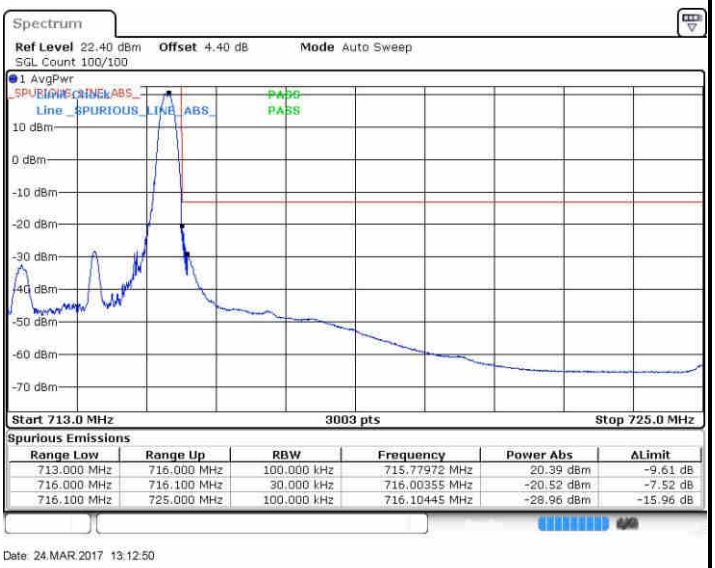
## LTE Band 12 / 3MHz / 16QAM

### Lowest Band Edge / 1 RB



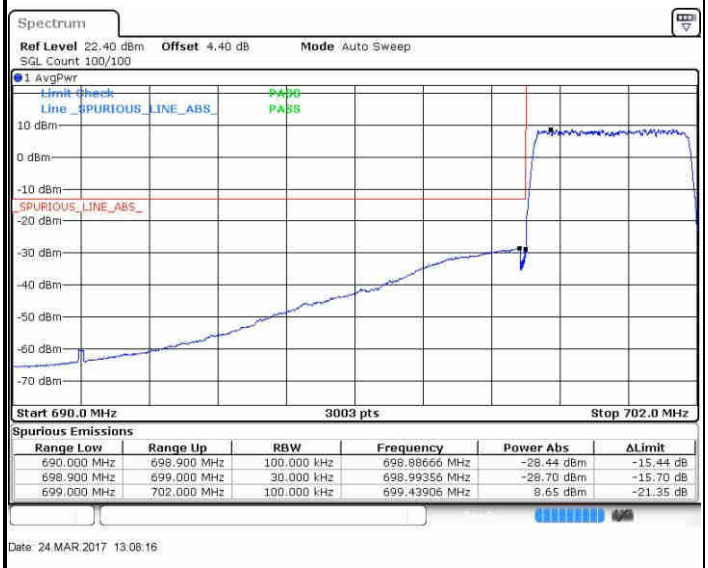

Date: 24.MAR.2017 13:04:50

### Highest Band Edge / 1 RB



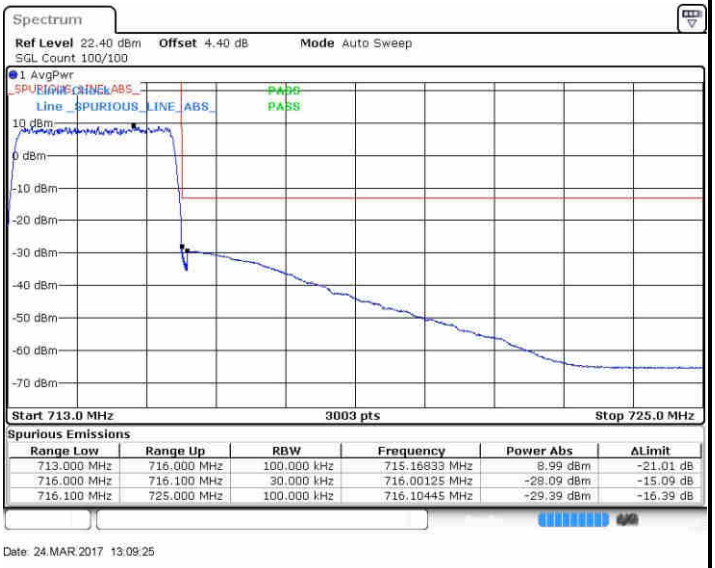

Date: 24.MAR.2017 13:12:50

### Lowest Band Edge / Full RB

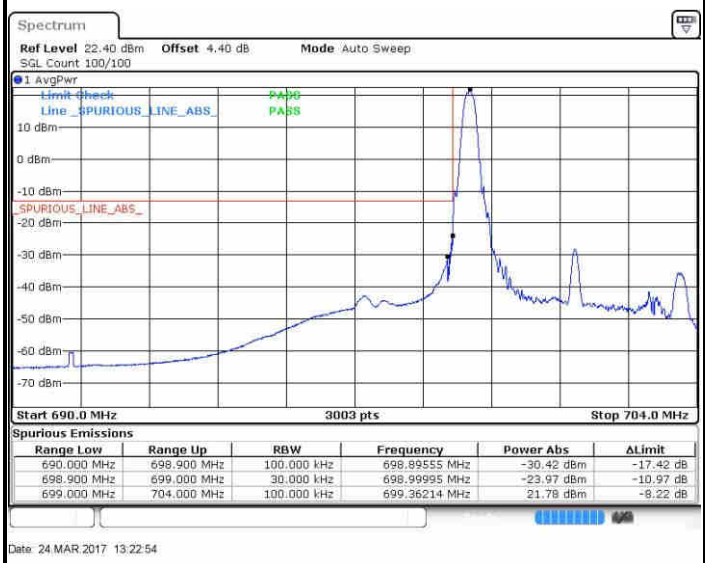
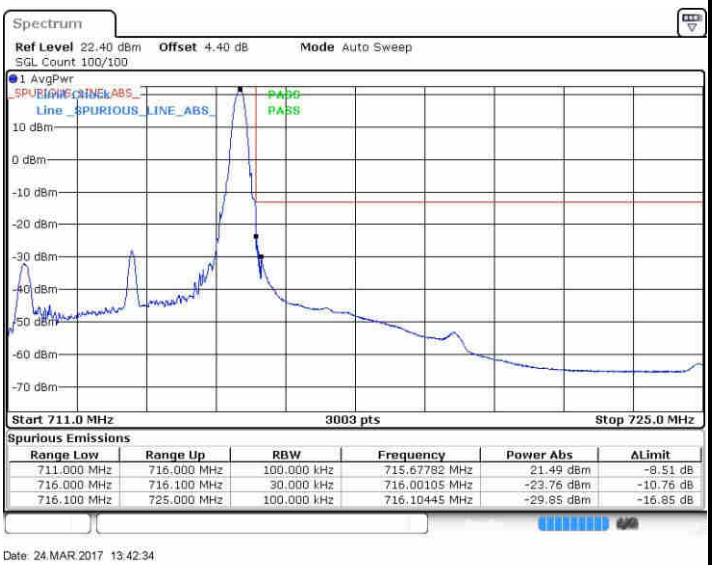
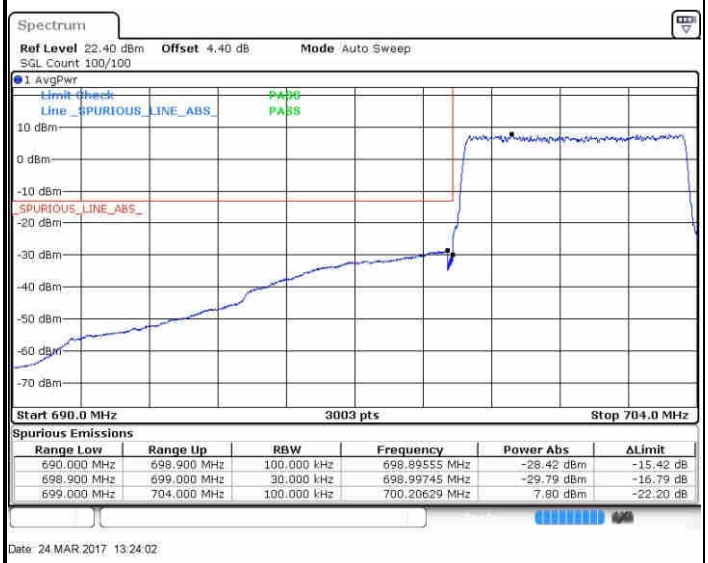



Date: 24.MAR.2017 13:08:16

### Highest Band Edge / Full RB

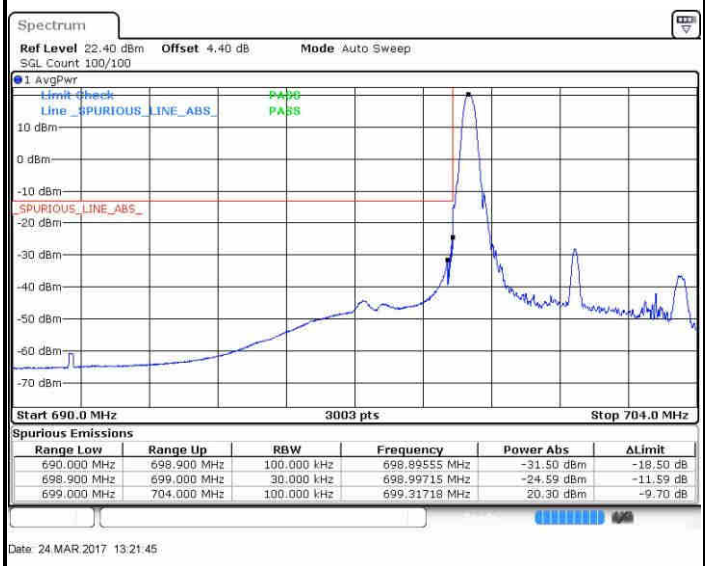



Date: 24.MAR.2017 13:09:25

| LTE Band 12 / 5MHz / QPSK | |
|---|---|
| **Lowest Band Edge / 1 RB** | **Highest Band Edge / 1 RB** |
|  |  |
| **Lowest Band Edge / Full RB** | **Highest Band Edge / Full RB** |
|  | |

## LTE Band 12 / 5MHz / 16QAM

### Lowest Band Edge / 1RB

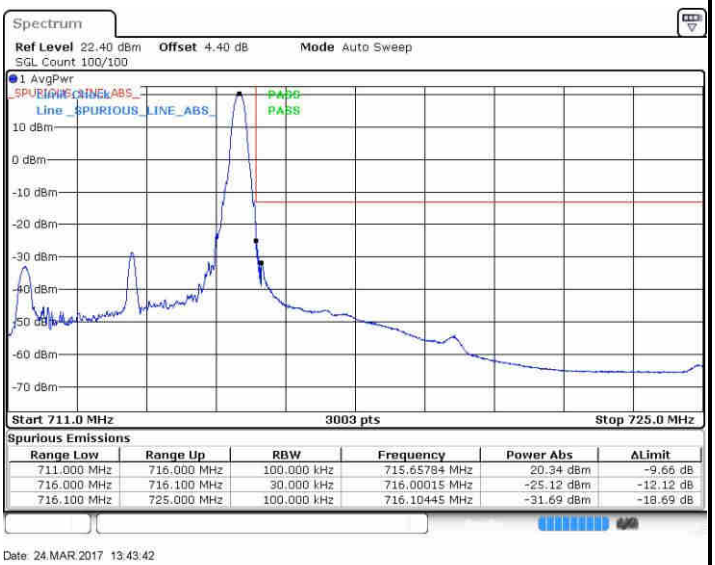



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 690.000 MHz | 698.900 MHz | 100.000 kHz | 698.89555 MHz | -31.50 dBm | -18.50 dB |
| 698.900 MHz | 699.000 MHz | 30.000 kHz | 698.99715 MHz | -24.59 dBm | -11.59 dB |
| 699.000 MHz | 704.000 MHz | 100.000 kHz | 699.31718 MHz | 20.30 dBm | -9.70 dB |

Date: 24.MAR.2017 13:21:45

### Highest Band Edge / 1 RB

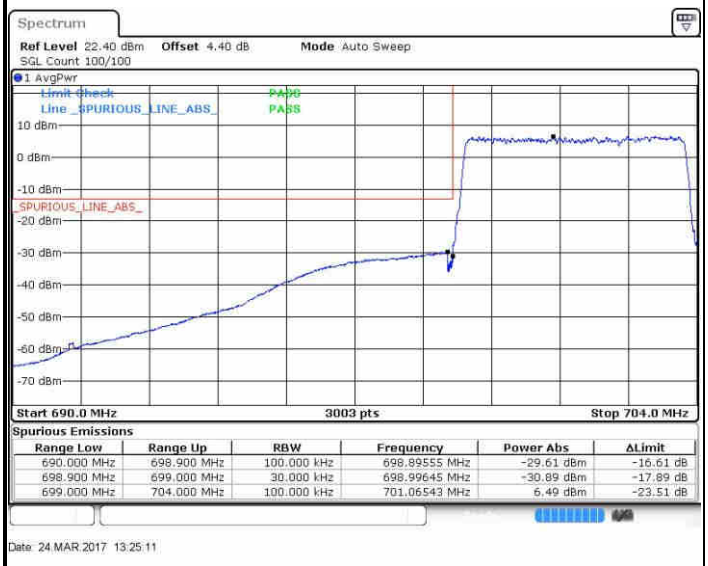



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 711.000 MHz | 716.000 MHz | 100.000 kHz | 715.65784 MHz | 20.34 dBm | -9.66 dB |
| 716.000 MHz | 716.100 MHz | 30.000 kHz | 716.00015 MHz | -25.12 dBm | -12.12 dB |
| 716.100 MHz | 725.000 MHz | 100.000 kHz | 716.10445 MHz | -31.69 dBm | -18.69 dB |

Date: 24.MAR.2017 13:43:42

### Lowest Band Edge / Full RB

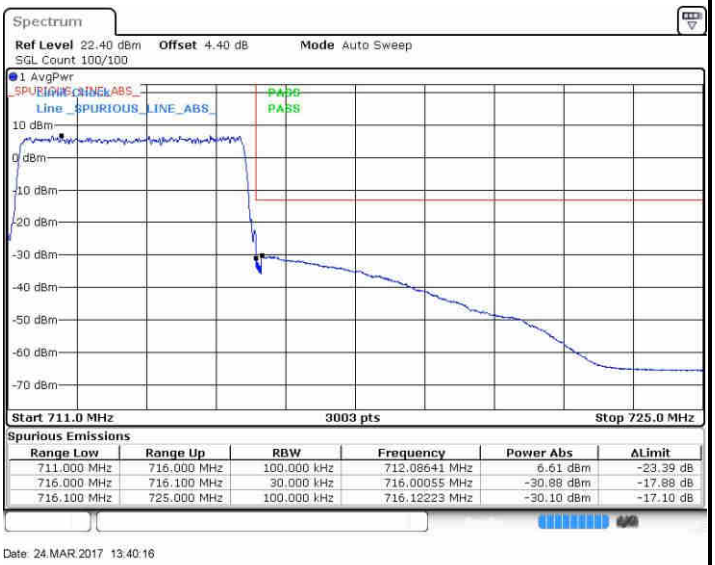



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 690.000 MHz | 698.900 MHz | 100.000 kHz | 698.89555 MHz | -29.61 dBm | -16.61 dB |
| 698.900 MHz | 699.000 MHz | 30.000 kHz | 698.99645 MHz | -30.89 dBm | -17.89 dB |
| 699.000 MHz | 704.000 MHz | 100.000 kHz | 701.06543 MHz | 6.49 dBm | -23.51 dB |

Date: 24.MAR.2017 13:25:11

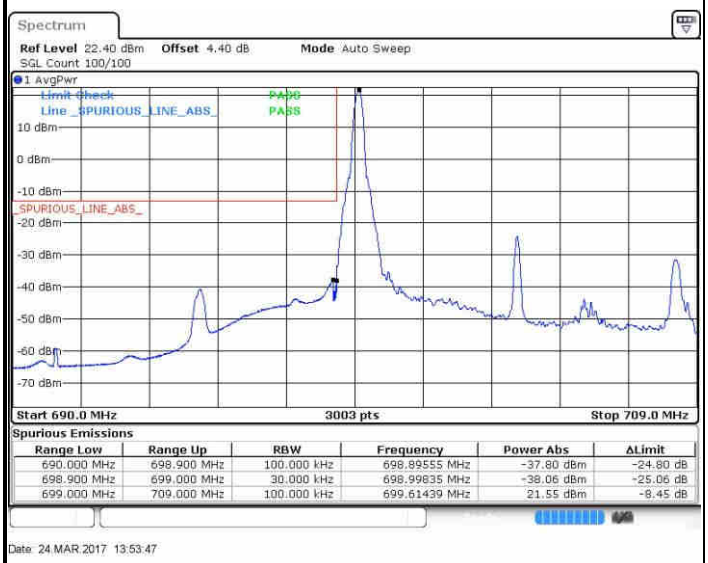
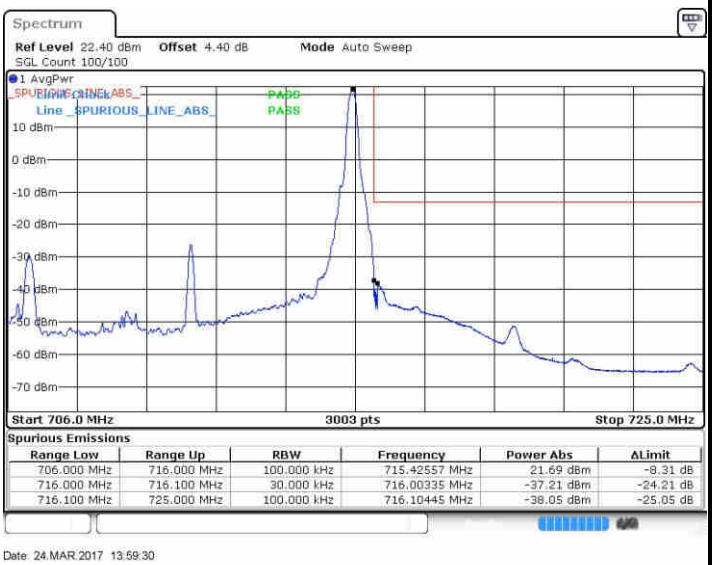
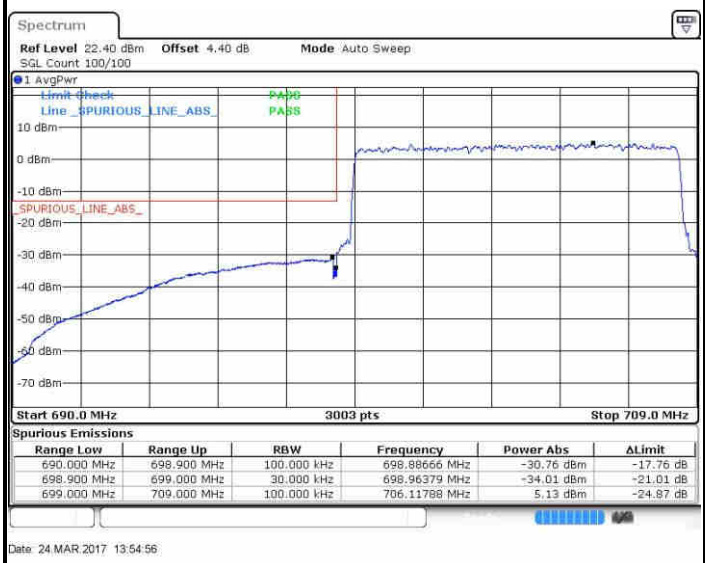
### Highest Band Edge / Full RB

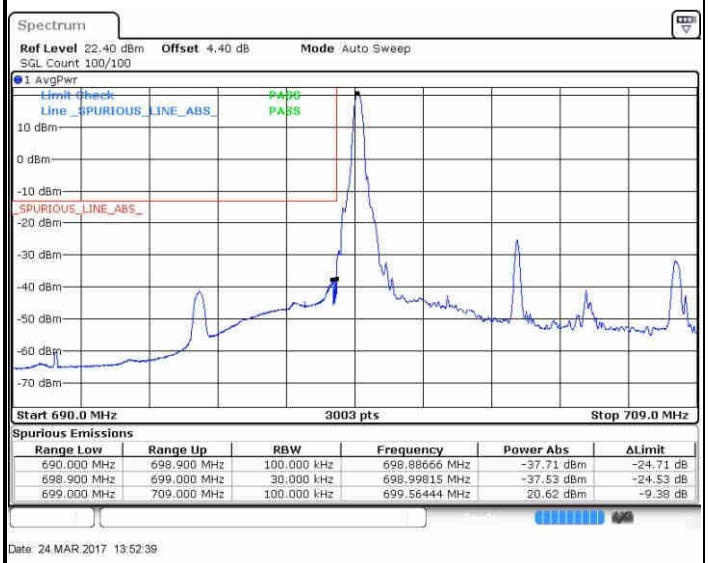
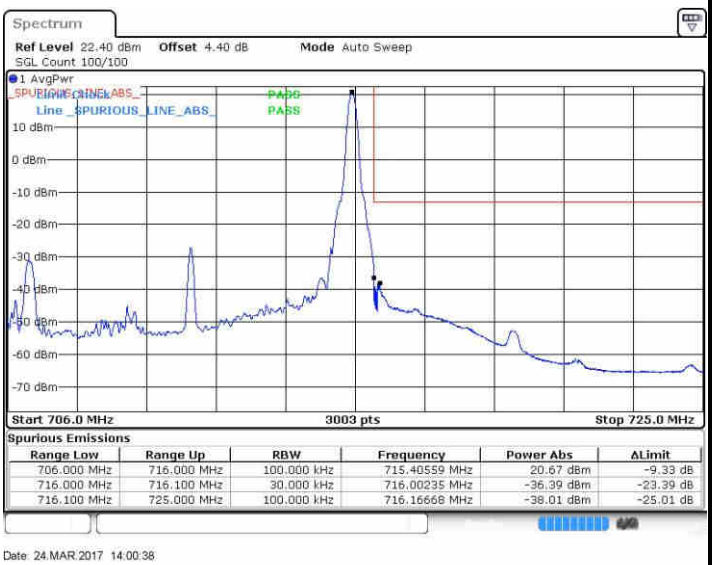
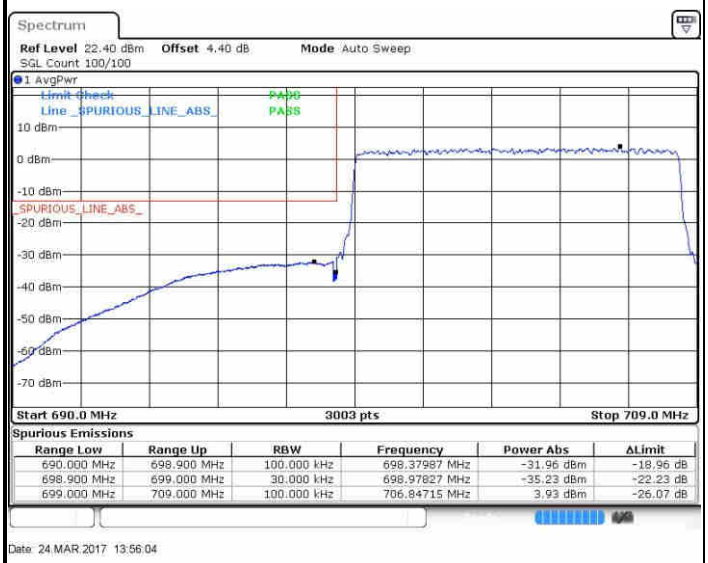



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 711.000 MHz | 716.000 MHz | 100.000 kHz | 712.08641 MHz | 6.61 dBm | -23.39 dB |
| 716.000 MHz | 716.100 MHz | 30.000 kHz | 716.00055 MHz | -30.88 dBm | -17.88 dB |
| 716.100 MHz | 725.000 MHz | 100.000 kHz | 716.12223 MHz | -30.10 dBm | -17.10 dB |

Date: 24.MAR.2017 13:40:16

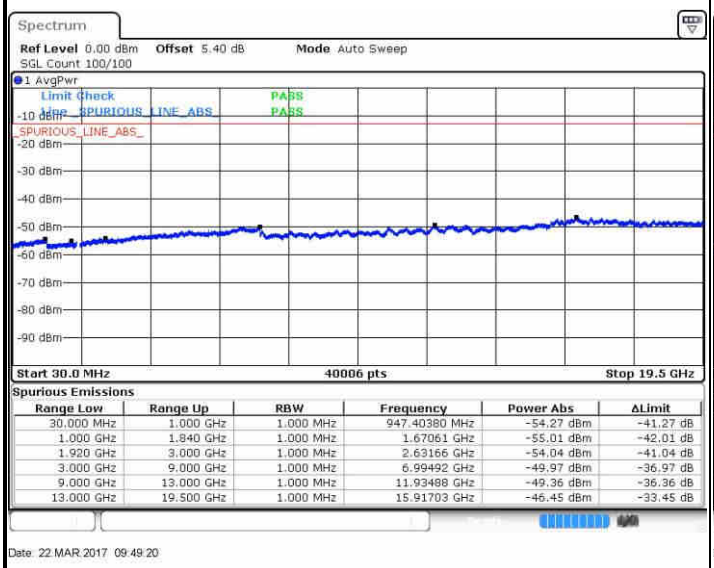
| LTE Band 12 / 10MHz / QPSK | |
|---|---|
| **Lowest Band Edge / 1 RB** | **Highest Band Edge / 1 RB** |
|  |  |
| **Lowest Band Edge / Full RB** | **Highest Band Edge / Full RB** |
|  | |

| LTE Band 12 / 10MHz / 16QAM | |
|---|---|
| **Lowest Band Edge / 1 RB** | **Highest Band Edge / 1 RB** |
|  |  |
| **Lowest Band Edge / Full RB** | **Highest Band Edge / Full RB** |
|  | |

# Conducted Spurious Emission

## LTE Band 2 / 1.4MHz

### Lowest Channel / QPSK

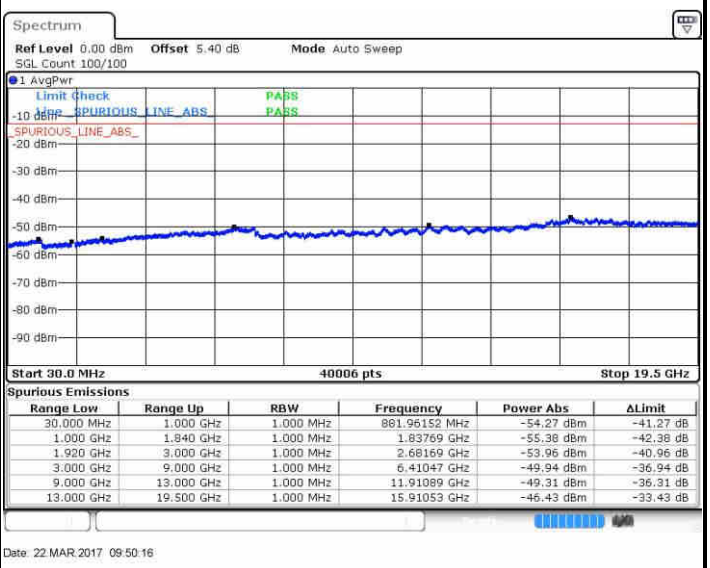



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 947.40380 MHz | -54.27 dBm | -41.27 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.67061 GHz | -55.01 dBm | -42.01 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.63166 GHz | -54.04 dBm | -41.04 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.99492 GHz | -49.97 dBm | -36.97 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 11.93488 GHz | -49.36 dBm | -36.36 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.91703 GHz | -46.45 dBm | -33.45 dB |

Date: 22.MAR.2017 09:49:20

### Lowest Channel / 16QAM

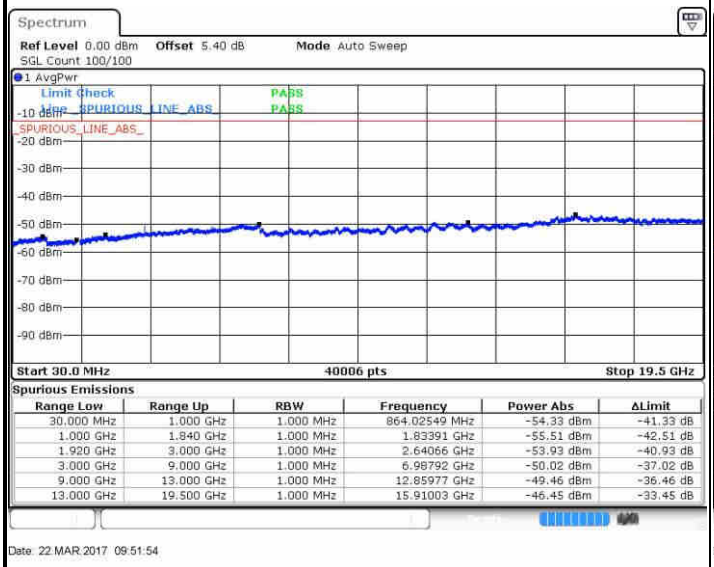



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 861.96152 MHz | -54.27 dBm | -41.27 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.83769 GHz | -55.38 dBm | -42.38 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.68169 GHz | -53.96 dBm | -40.96 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.41047 GHz | -49.94 dBm | -36.94 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 11.91089 GHz | -49.31 dBm | -36.31 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.91053 GHz | -46.43 dBm | -33.43 dB |

Date: 22.MAR.2017 09:50:16

### Middle Channel / QPSK

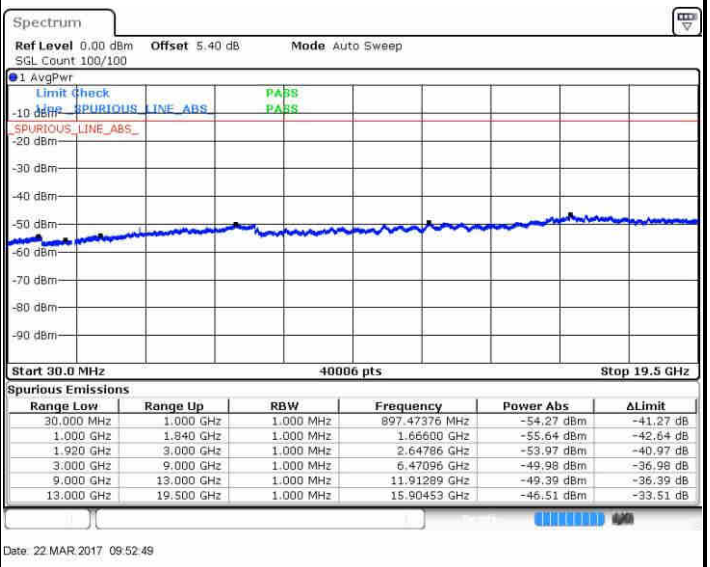



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 864.02549 MHz | -54.33 dBm | -41.33 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.83391 GHz | -55.51 dBm | -42.51 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.64066 GHz | -53.93 dBm | -40.93 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.98792 GHz | -50.02 dBm | -37.02 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.85977 GHz | -49.46 dBm | -36.46 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.91003 GHz | -46.45 dBm | -33.45 dB |

Date: 22.MAR.2017 09:51:54

### Middle Channel / 16QAM



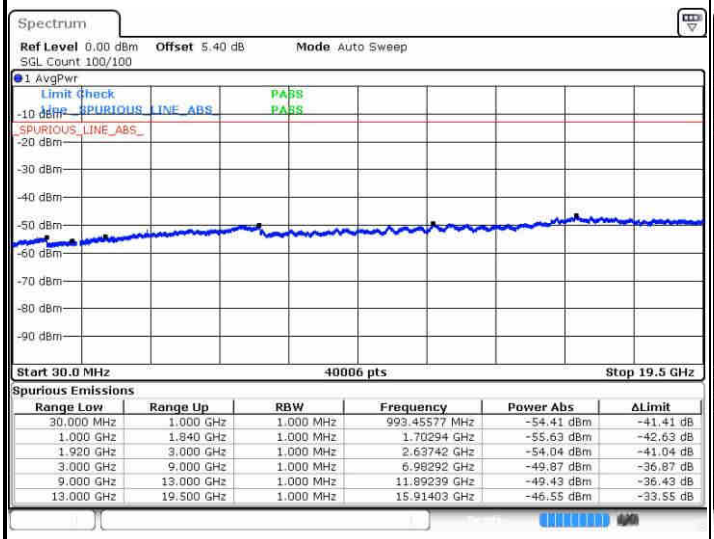

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 897.47376 MHz | -54.27 dBm | -41.27 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.66600 GHz | -55.64 dBm | -42.64 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.64786 GHz | -53.97 dBm | -40.97 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.47096 GHz | -49.98 dBm | -36.98 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 11.91289 GHz | -49.39 dBm | -36.39 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.90453 GHz | -46.51 dBm | -33.51 dB |

Date: 22.MAR.2017 09:52:49

## LTE Band 2 / 1.4MHz

### Highest Channel / QPSK

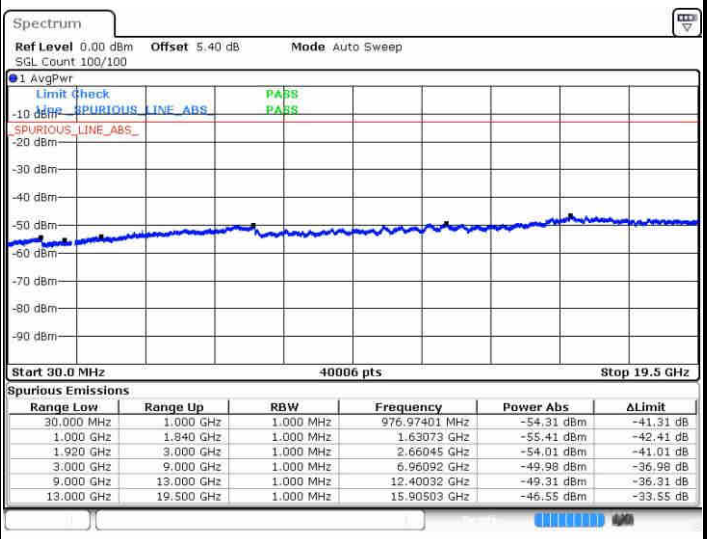



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 993.45577 MHz | -54.41 dBm | -41.41 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.70294 GHz | -55.63 dBm | -42.63 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.63742 GHz | -54.04 dBm | -41.04 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.98292 GHz | -49.87 dBm | -36.87 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 11.89239 GHz | -49.43 dBm | -36.43 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.91403 GHz | -46.55 dBm | -33.55 dB |

Date: 22.MAR.2017 09:59:00

### Highest Channel / 16QAM



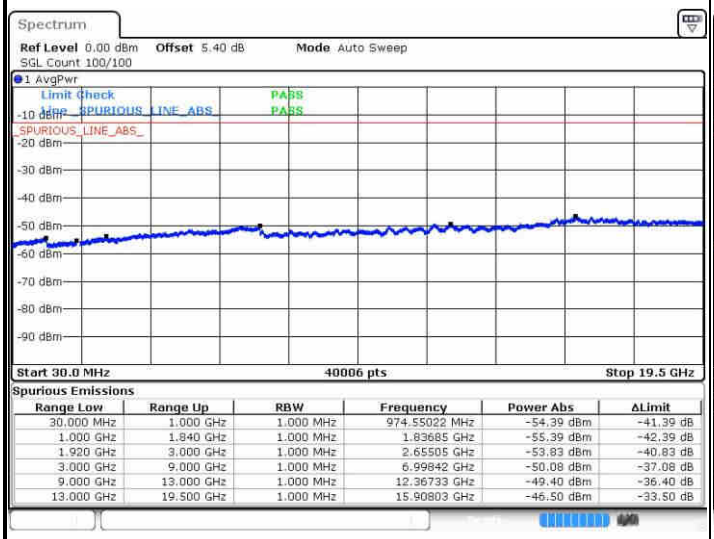

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 976.97401 MHz | -54.31 dBm | -41.31 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.63073 GHz | -55.41 dBm | -42.41 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.66045 GHz | -54.01 dBm | -41.01 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.96092 GHz | -49.98 dBm | -36.98 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.40032 GHz | -49.31 dBm | -36.31 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.90503 GHz | -46.55 dBm | -33.55 dB |

Date: 22.MAR.2017 09:59:55

## LTE Band 2 / 3MHz

### Lowest Channel / QPSK

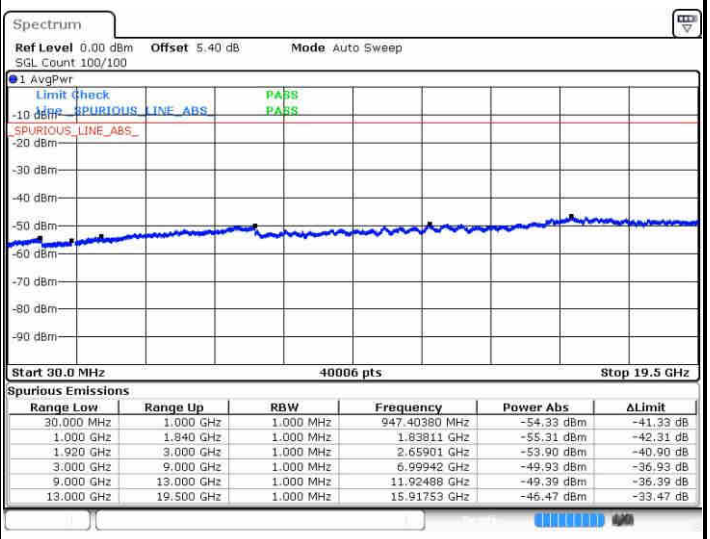



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 974.55022 MHz | -54.39 dBm | -41.39 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.83685 GHz | -55.39 dBm | -42.39 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.65505 GHz | -53.83 dBm | -40.83 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.99842 GHz | -50.08 dBm | -37.08 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.36733 GHz | -49.40 dBm | -36.40 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.90803 GHz | -46.50 dBm | -33.50 dB |

Date: 22.MAR.2017 10:06:06

### Lowest Channel / 16QAM



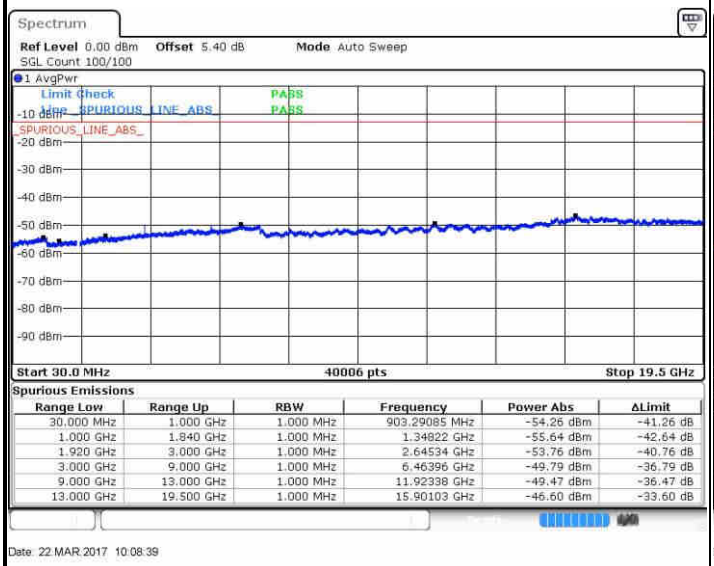

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 947.40380 MHz | -54.33 dBm | -41.33 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.83811 GHz | -55.31 dBm | -42.31 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.65901 GHz | -53.90 dBm | -40.90 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.99942 GHz | -49.93 dBm | -36.93 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 11.92488 GHz | -49.39 dBm | -36.39 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.91753 GHz | -46.47 dBm | -33.47 dB |

Date: 22.MAR.2017 10:07:01

## LTE Band 2 / 3MHz

### Middle Channel / QPSK

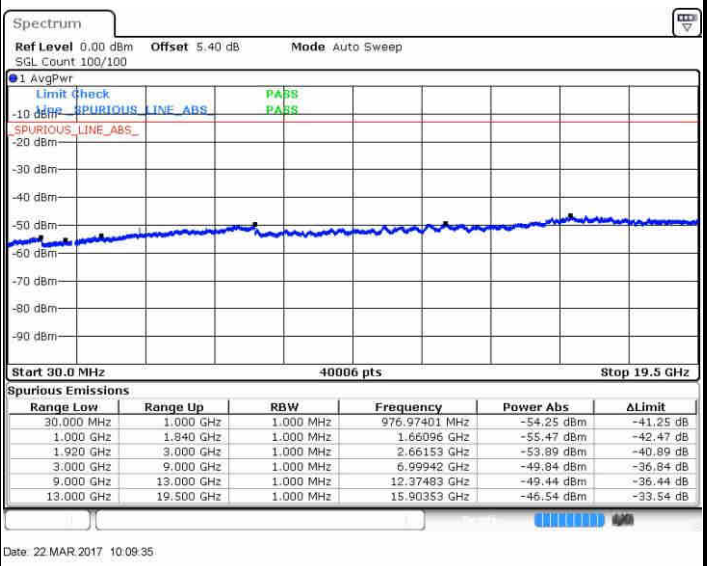



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 903.29085 MHz | -54.26 dBm | -41.26 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.34822 GHz | -55.64 dBm | -42.64 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.64534 GHz | -53.76 dBm | -40.76 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.46396 GHz | -49.79 dBm | -36.79 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 11.92338 GHz | -49.47 dBm | -36.47 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.90103 GHz | -46.60 dBm | -33.60 dB |

Date: 22.MAR.2017 10:08:39

### Middle Channel / 16QAM

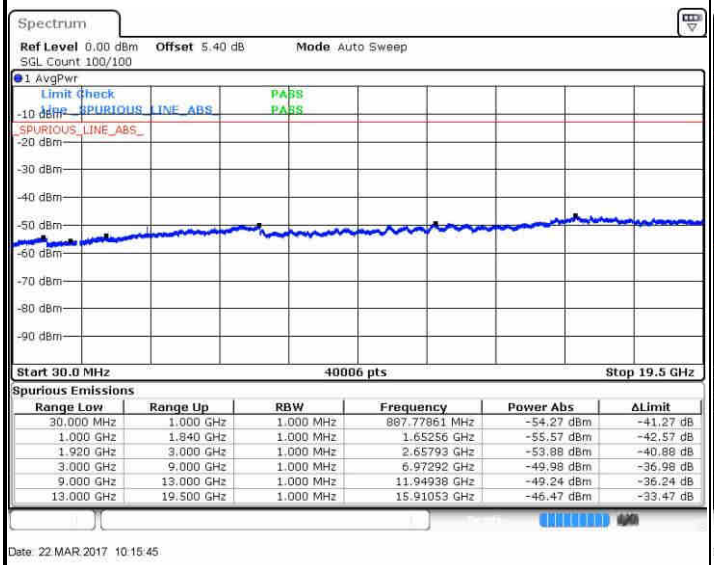



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 976.97401 MHz | -54.25 dBm | -41.25 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.66096 GHz | -55.47 dBm | -42.47 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.66153 GHz | -53.89 dBm | -40.89 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.99942 GHz | -49.84 dBm | -36.84 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.37483 GHz | -49.44 dBm | -36.44 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.90353 GHz | -46.54 dBm | -33.54 dB |

Date: 22.MAR.2017 10:09:35

### Highest Channel / QPSK

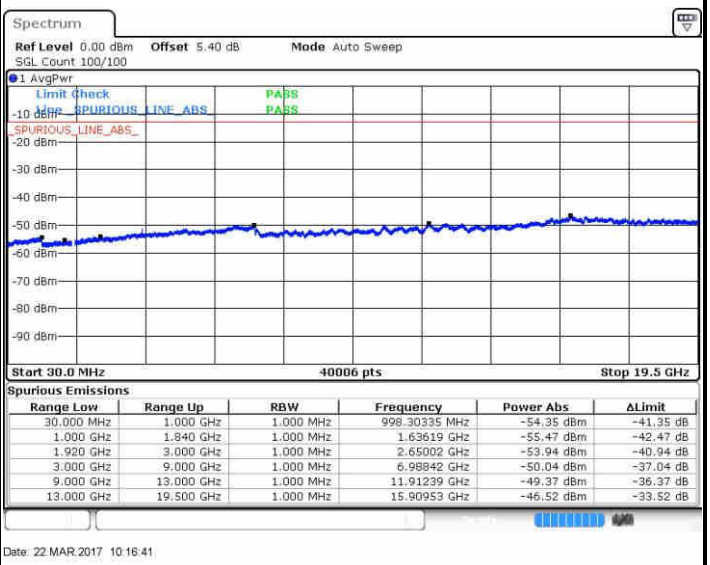



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 887.77861 MHz | -54.27 dBm | -41.27 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.65256 GHz | -55.57 dBm | -42.57 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.65793 GHz | -53.88 dBm | -40.88 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.97292 GHz | -49.98 dBm | -36.98 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 11.94938 GHz | -49.24 dBm | -36.24 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.91053 GHz | -46.47 dBm | -33.47 dB |

Date: 22.MAR.2017 10:15:45

### Highest Channel / 16QAM



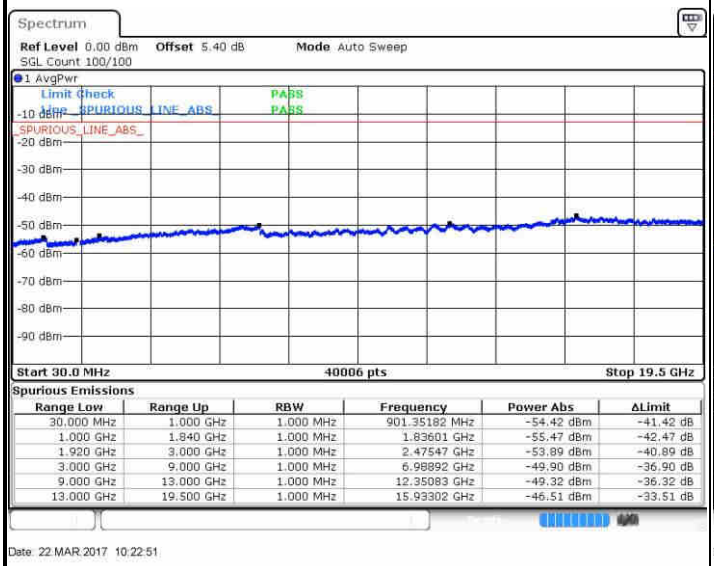

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 998.30335 MHz | -54.35 dBm | -41.35 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.63619 GHz | -55.47 dBm | -42.47 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.65002 GHz | -53.94 dBm | -40.94 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.98842 GHz | -50.04 dBm | -37.04 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 11.91239 GHz | -49.37 dBm | -36.37 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.90953 GHz | -46.52 dBm | -33.52 dB |

Date: 22.MAR.2017 10:16:41

## LTE Band 2 / 5MHz

### Lowest Channel / QPSK

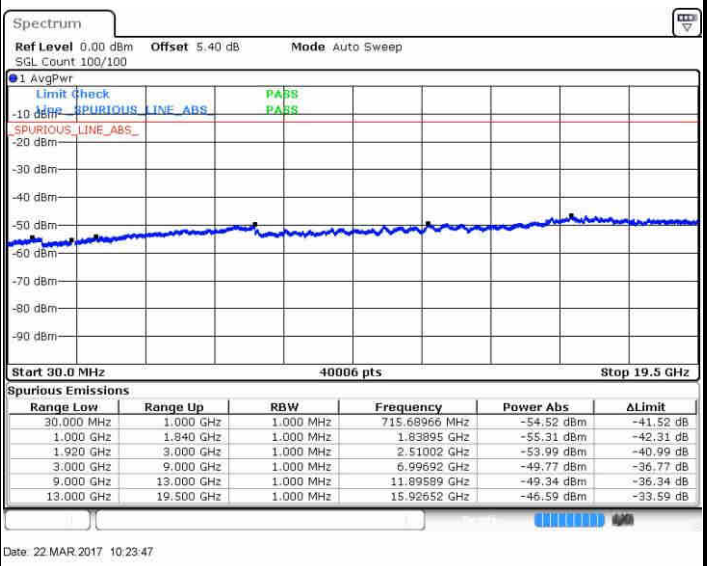



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 901.35182 MHz | -54.42 dBm | -41.42 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.83601 GHz | -55.47 dBm | -42.47 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.47547 GHz | -53.89 dBm | -40.89 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.98892 GHz | -49.90 dBm | -36.90 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.35083 GHz | -49.32 dBm | -36.32 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.93302 GHz | -46.51 dBm | -33.51 dB |

Date: 22.MAR.2017 10:22:51

### Lowest Channel / 16QAM

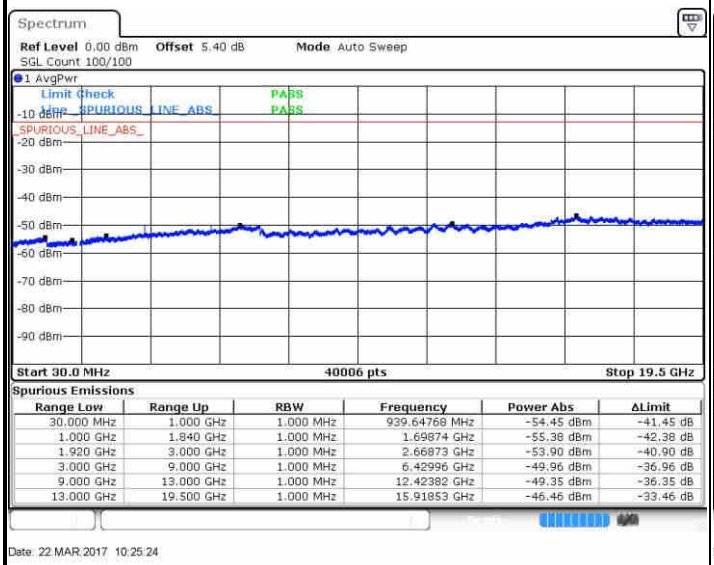



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 715.68966 MHz | -54.52 dBm | -41.52 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.83895 GHz | -55.31 dBm | -42.31 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.51002 GHz | -53.99 dBm | -40.99 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.99692 GHz | -49.77 dBm | -36.77 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 11.89589 GHz | -49.34 dBm | -36.34 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.92652 GHz | -46.59 dBm | -33.59 dB |

Date: 22.MAR.2017 10:23:47

### Middle Channel / QPSK

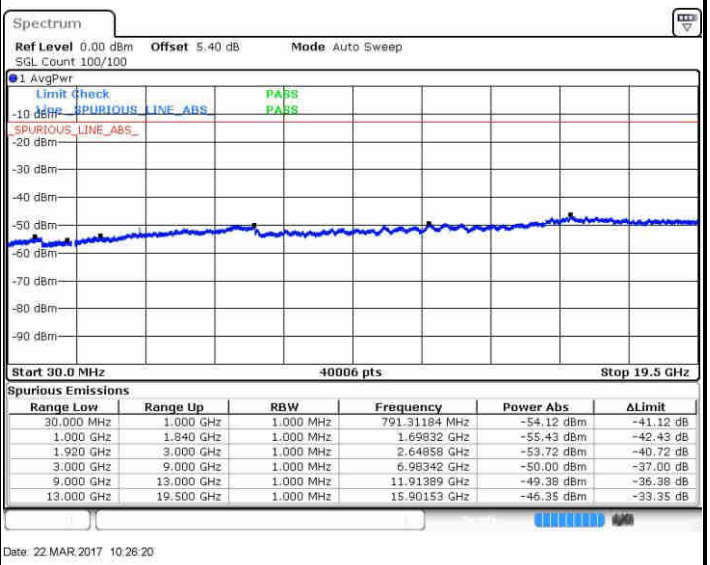



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 939.64768 MHz | -54.45 dBm | -41.45 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.69874 GHz | -55.38 dBm | -42.38 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.66873 GHz | -53.90 dBm | -40.90 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.42996 GHz | -49.96 dBm | -36.96 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.42382 GHz | -49.35 dBm | -36.35 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.91853 GHz | -46.46 dBm | -33.46 dB |

Date: 22.MAR.2017 10:25:24

### Middle Channel / 16QAM



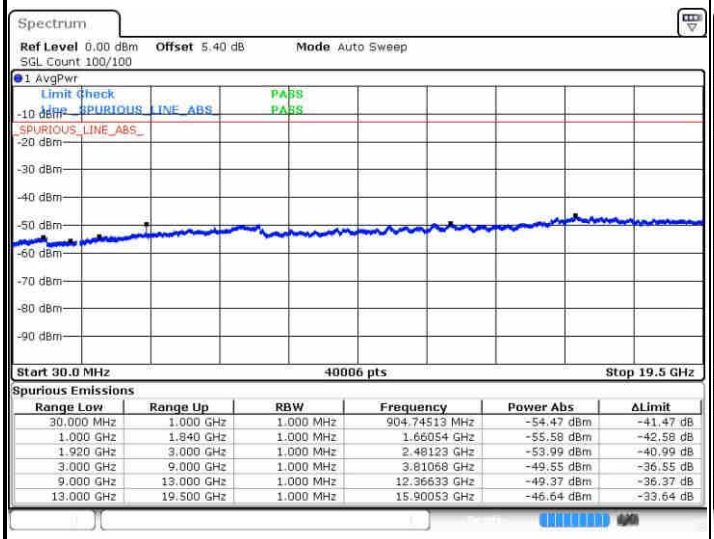

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 791.31184 MHz | -54.12 dBm | -41.12 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.69832 GHz | -55.43 dBm | -42.43 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.64858 GHz | -53.72 dBm | -40.72 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.98342 GHz | -50.00 dBm | -37.00 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 11.91389 GHz | -49.38 dBm | -36.38 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.90153 GHz | -46.35 dBm | -33.35 dB |

Date: 22.MAR.2017 10:26:20

## LTE Band 2 / 5MHz

### Highest Channel / QPSK

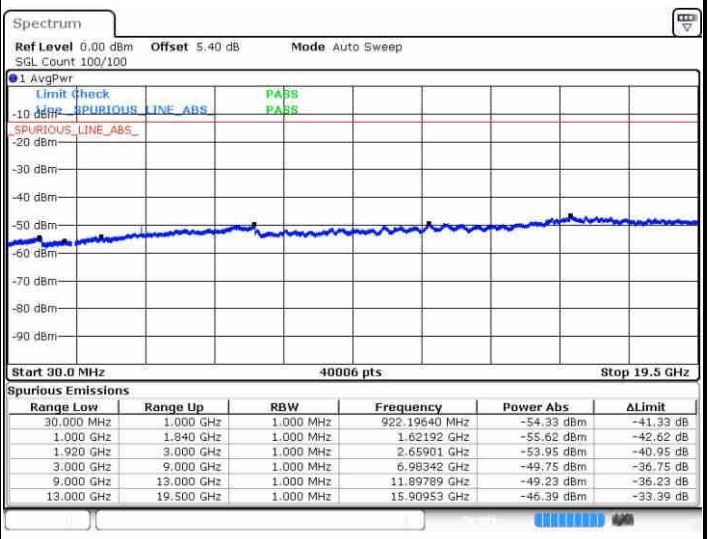



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 904.74513 MHz | -54.47 dBm | -41.47 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.66054 GHz | -55.58 dBm | -42.58 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.48123 GHz | -53.99 dBm | -40.99 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.81068 GHz | -49.55 dBm | -36.55 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.36633 GHz | -49.37 dBm | -36.37 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.90053 GHz | -46.64 dBm | -33.64 dB |

Date: 22.MAR.2017 10:32:30

### Highest Channel / 16QAM



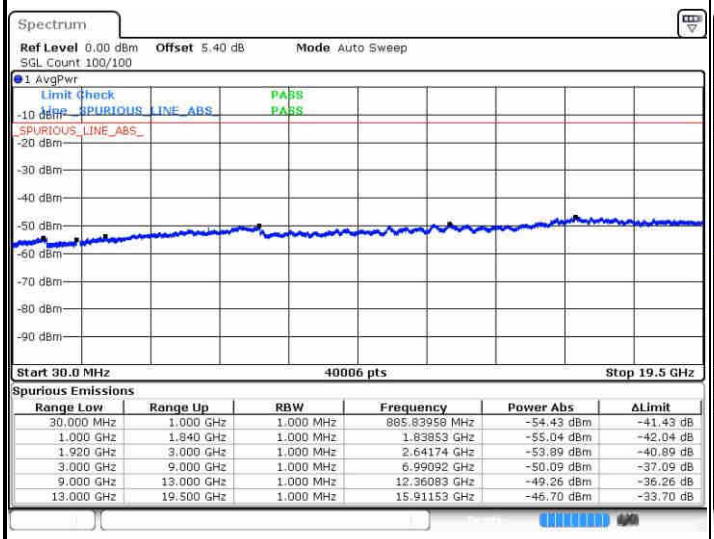

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 922.19640 MHz | -54.33 dBm | -41.33 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.62192 GHz | -55.62 dBm | -42.62 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.65901 GHz | -53.95 dBm | -40.95 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.98342 GHz | -49.75 dBm | -36.75 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 11.89789 GHz | -49.23 dBm | -36.23 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.90953 GHz | -46.39 dBm | -33.39 dB |

Date: 22.MAR.2017 10:33:26

## LTE Band 2 / 10MHz

### Lowest Channel / QPSK

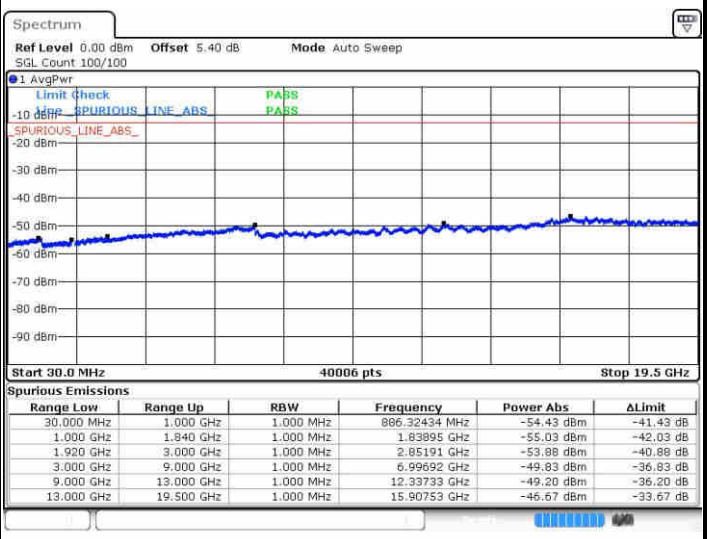



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 885.83958 MHz | -54.43 dBm | -41.43 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.83853 GHz | -55.04 dBm | -42.04 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.64174 GHz | -53.89 dBm | -40.89 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.99092 GHz | -50.09 dBm | -37.09 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.36083 GHz | -49.26 dBm | -36.26 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.91153 GHz | -46.70 dBm | -33.70 dB |

Date: 22.MAR.2017 10:39:36

### Lowest Channel / 16QAM



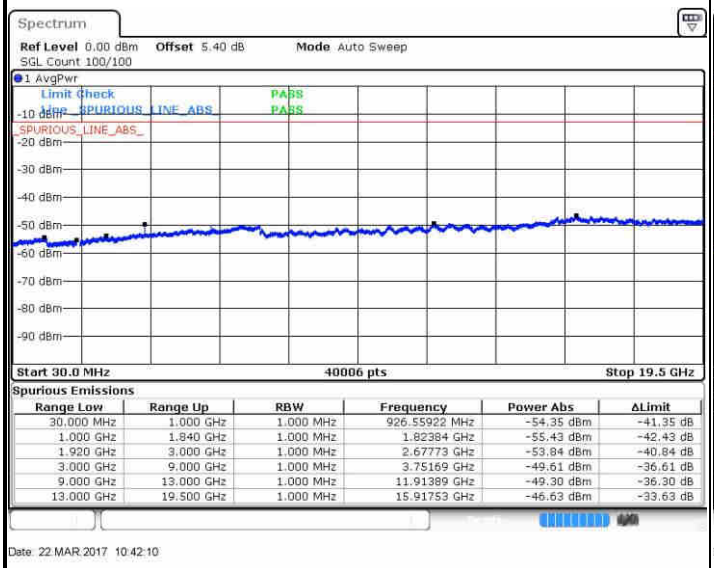

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 886.32434 MHz | -54.43 dBm | -41.43 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.83895 GHz | -55.03 dBm | -42.03 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.85191 GHz | -53.88 dBm | -40.88 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.99692 GHz | -49.83 dBm | -36.83 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.33733 GHz | -49.20 dBm | -36.20 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.90753 GHz | -46.67 dBm | -33.67 dB |

Date: 22.MAR.2017 10:40:32

## LTE Band 2 / 10MHz

### Middle Channel / QPSK

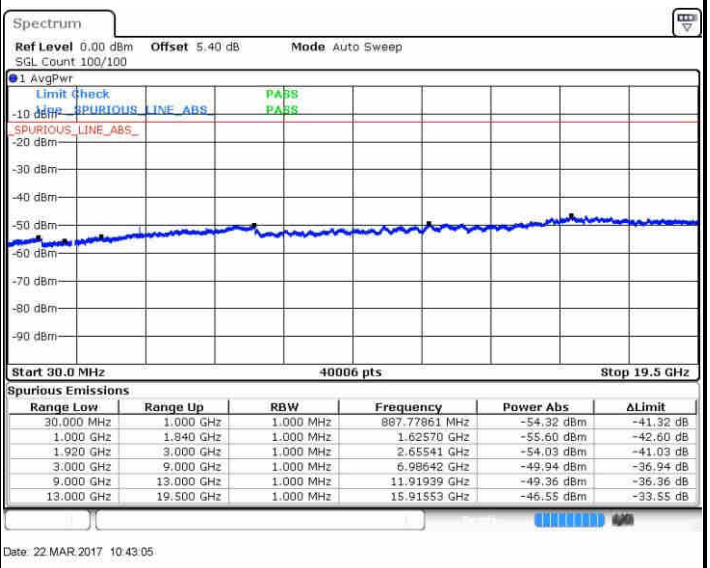



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 926.55922 MHz | -54.35 dBm | -41.35 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.82384 GHz | -55.43 dBm | -42.43 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.67773 GHz | -53.84 dBm | -40.84 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.75169 GHz | -49.61 dBm | -36.61 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 11.91389 GHz | -49.30 dBm | -36.30 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.91753 GHz | -46.63 dBm | -33.63 dB |

Date: 22.MAR.2017 10:42:10

### Middle Channel / 16QAM

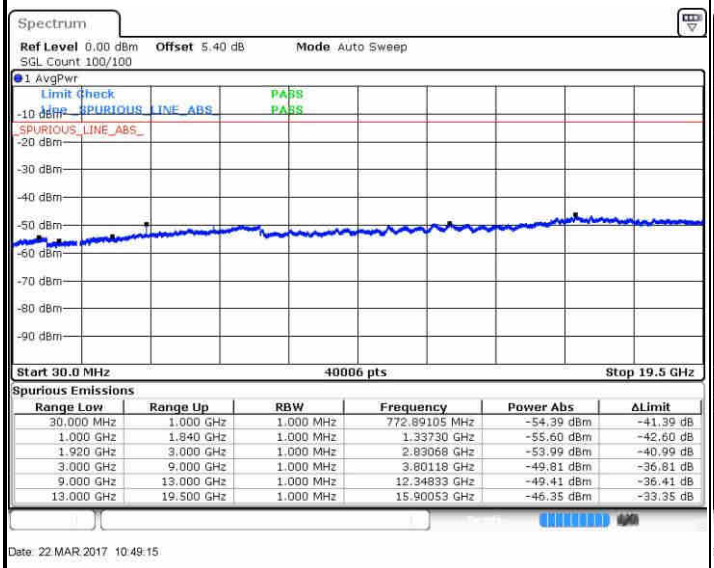



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 887.77861 MHz | -54.32 dBm | -41.32 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.62570 GHz | -55.60 dBm | -42.60 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.65541 GHz | -54.03 dBm | -41.03 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.98642 GHz | -49.94 dBm | -36.94 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 11.91939 GHz | -49.36 dBm | -36.36 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.91553 GHz | -46.55 dBm | -33.55 dB |

Date: 22.MAR.2017 10:43:05

### Highest Channel / QPSK

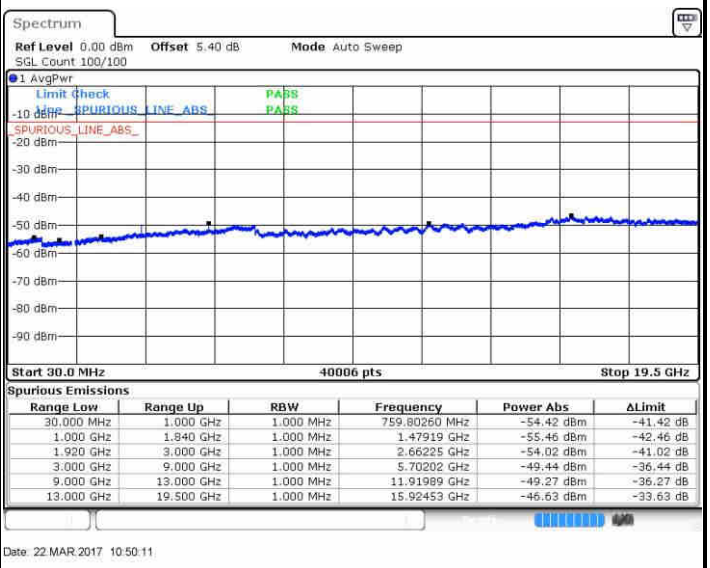



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 772.89105 MHz | -54.39 dBm | -41.39 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.33730 GHz | -55.60 dBm | -42.60 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.83068 GHz | -53.99 dBm | -40.99 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.80118 GHz | -49.81 dBm | -36.81 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.34833 GHz | -49.41 dBm | -36.41 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.90053 GHz | -46.35 dBm | -33.35 dB |

Date: 22.MAR.2017 10:49:15

### Highest Channel / 16QAM



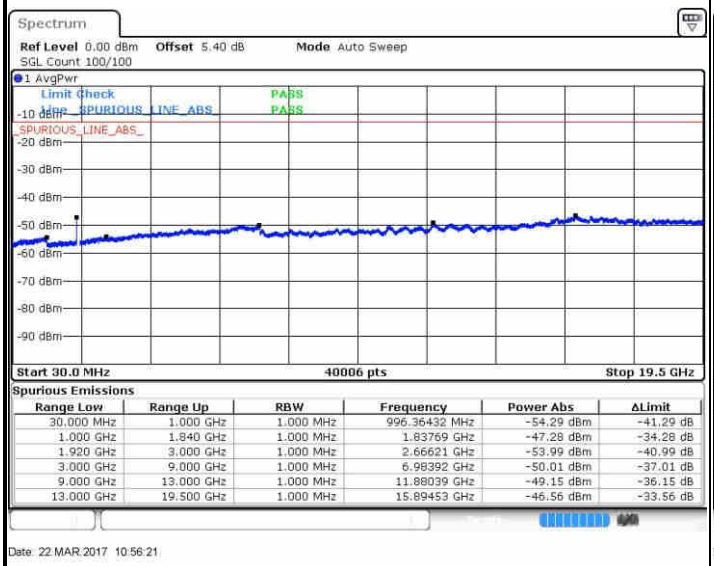

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 759.80260 MHz | -54.42 dBm | -41.42 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.47919 GHz | -55.46 dBm | -42.46 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.66225 GHz | -54.02 dBm | -41.02 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 5.70202 GHz | -49.44 dBm | -36.44 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 11.91989 GHz | -49.27 dBm | -36.27 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.92453 GHz | -46.63 dBm | -33.63 dB |

Date: 22.MAR.2017 10:50:11

## LTE Band 2 / 15MHz

### Lowest Channel / QPSK

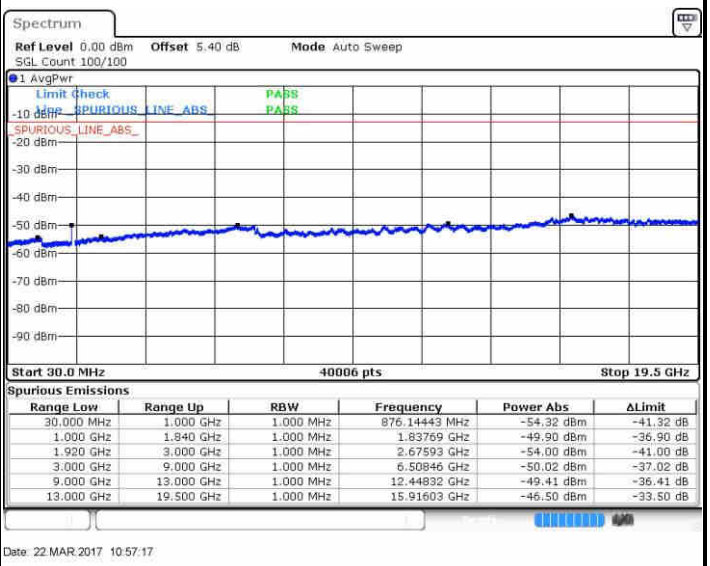



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 996.36432 MHz | -54.29 dBm | -41.29 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.83769 GHz | -47.28 dBm | -34.28 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.66621 GHz | -53.99 dBm | -40.99 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.98392 GHz | -50.01 dBm | -37.01 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 11.88039 GHz | -49.15 dBm | -36.15 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.89453 GHz | -46.56 dBm | -33.56 dB |

Date: 22.MAR.2017 10:56:21

### Lowest Channel / 16QAM

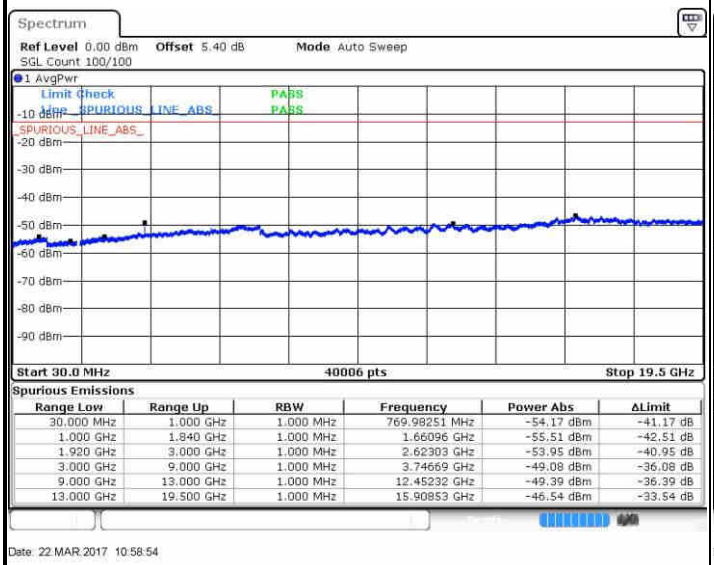



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 876.14443 MHz | -54.32 dBm | -41.32 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.83769 GHz | -49.90 dBm | -36.90 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.67593 GHz | -54.00 dBm | -41.00 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.50846 GHz | -50.02 dBm | -37.02 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.44832 GHz | -49.41 dBm | -36.41 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.91603 GHz | -46.50 dBm | -33.50 dB |

Date: 22.MAR.2017 10:57:17

### Middle Channel / QPSK

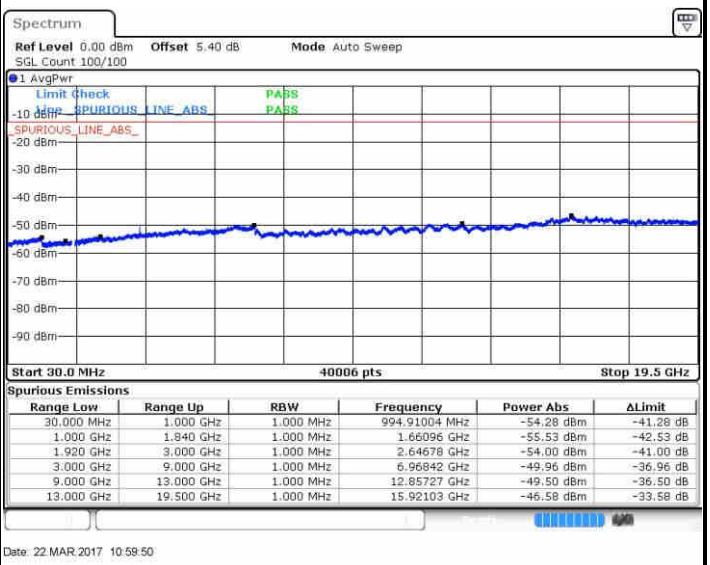



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 769.98251 MHz | -54.17 dBm | -41.17 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.66096 GHz | -55.51 dBm | -42.51 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.62303 GHz | -53.95 dBm | -40.95 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.74669 GHz | -49.08 dBm | -36.08 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.45232 GHz | -49.39 dBm | -36.39 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.90853 GHz | -46.54 dBm | -33.54 dB |

Date: 22.MAR.2017 10:58:54

### Middle Channel / 16QAM



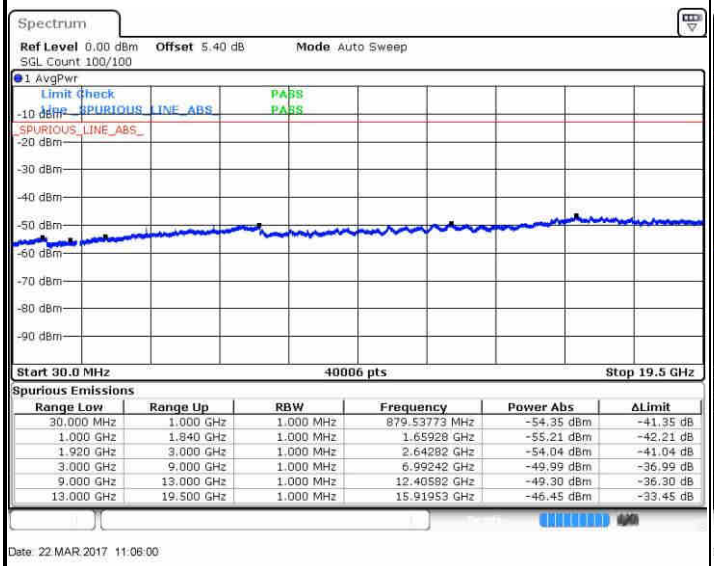

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 994.91004 MHz | -54.28 dBm | -41.28 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.66096 GHz | -55.53 dBm | -42.53 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.64678 GHz | -54.00 dBm | -41.00 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.96842 GHz | -49.96 dBm | -36.96 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.85727 GHz | -49.50 dBm | -36.50 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.92103 GHz | -46.58 dBm | -33.58 dB |

Date: 22.MAR.2017 10:59:50

## LTE Band 2 / 15MHz

### Highest Channel / QPSK

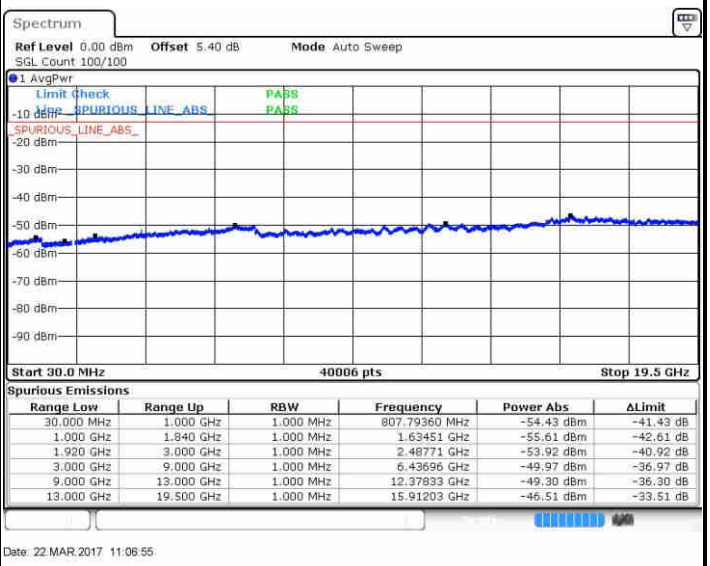



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 879.53773 MHz | -54.35 dBm | -41.35 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.65928 GHz | -55.21 dBm | -42.21 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.64282 GHz | -54.04 dBm | -41.04 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.99242 GHz | -49.99 dBm | -36.99 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.40582 GHz | -49.30 dBm | -36.30 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.91953 GHz | -46.45 dBm | -33.45 dB |

Date: 22.MAR.2017 11:06:00

### Highest Channel / 16QAM



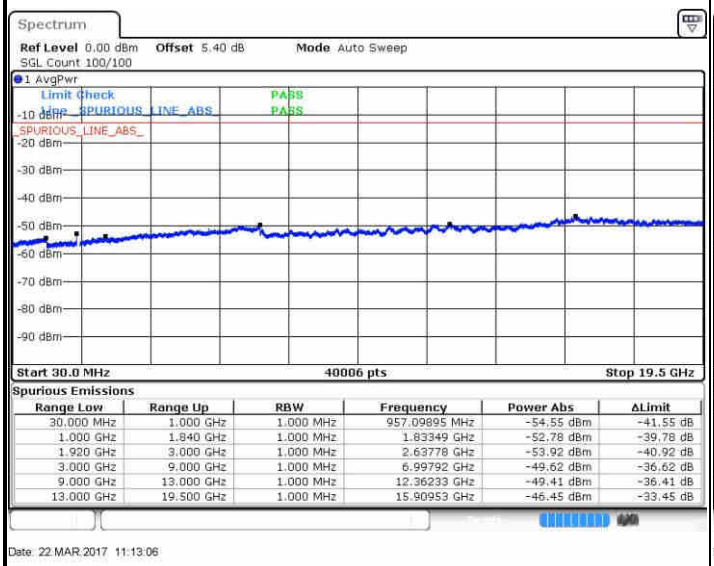

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 807.79360 MHz | -54.43 dBm | -41.43 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.63451 GHz | -55.61 dBm | -42.61 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.48771 GHz | -53.92 dBm | -40.92 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.43696 GHz | -49.97 dBm | -36.97 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.37833 GHz | -49.30 dBm | -36.30 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.91203 GHz | -46.51 dBm | -33.51 dB |

Date: 22.MAR.2017 11:06:55

## LTE Band 2 / 20MHz

### Lowest Channel / QPSK

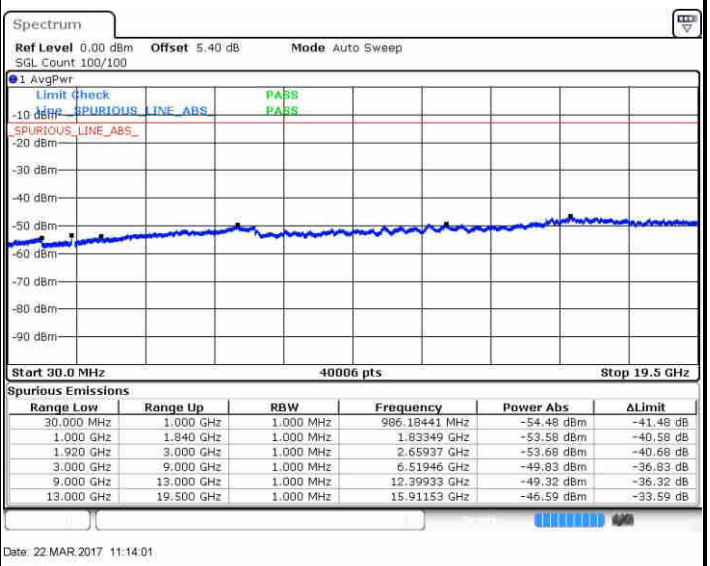



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 957.09895 MHz | -54.55 dBm | -41.55 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.83349 GHz | -52.78 dBm | -39.78 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.63778 GHz | -53.92 dBm | -40.92 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.99792 GHz | -49.62 dBm | -36.62 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.36233 GHz | -49.41 dBm | -36.41 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.90953 GHz | -46.45 dBm | -33.45 dB |

Date: 22.MAR.2017 11:13:06

### Lowest Channel / 16QAM



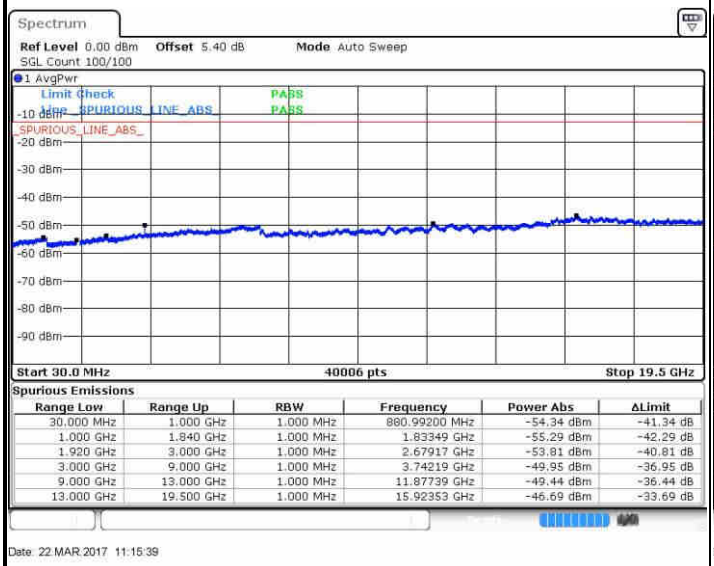

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 986.18441 MHz | -54.48 dBm | -41.48 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.83349 GHz | -53.58 dBm | -40.58 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.65937 GHz | -53.68 dBm | -40.68 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.51946 GHz | -49.83 dBm | -36.83 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.39933 GHz | -49.32 dBm | -36.32 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.91153 GHz | -46.59 dBm | -33.59 dB |

Date: 22.MAR.2017 11:14:01

## LTE Band 2 / 20MHz

### Middle Channel / QPSK

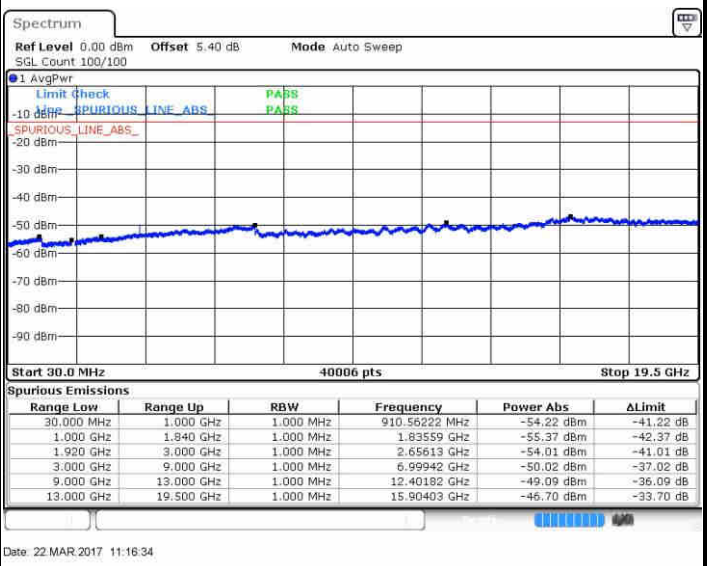



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 880.99200 MHz | -54.34 dBm | -41.34 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.83349 GHz | -55.29 dBm | -42.29 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.67917 GHz | -53.81 dBm | -40.81 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.74219 GHz | -49.95 dBm | -36.95 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 11.87739 GHz | -49.44 dBm | -36.44 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.92353 GHz | -46.69 dBm | -33.69 dB |

Date: 22.MAR.2017 11:15:39

### Middle Channel / 16QAM

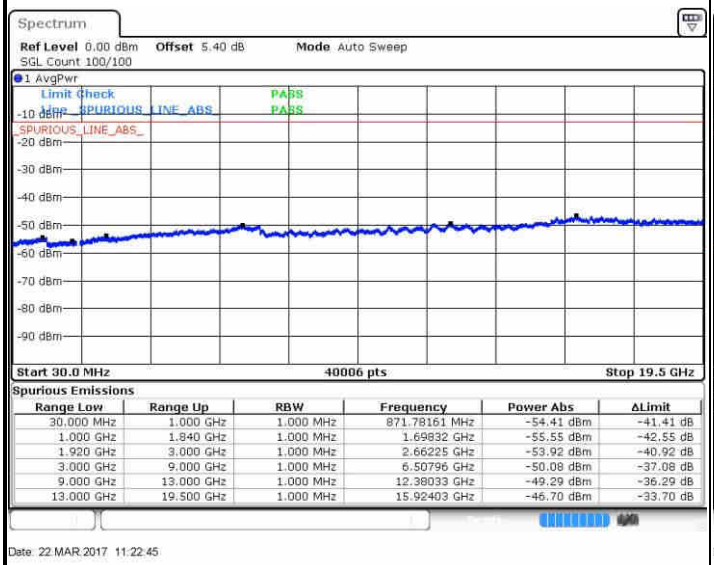



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 910.56222 MHz | -54.22 dBm | -41.22 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.83559 GHz | -55.37 dBm | -42.37 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.65613 GHz | -54.01 dBm | -41.01 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.99942 GHz | -50.02 dBm | -37.02 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.40182 GHz | -49.09 dBm | -36.09 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.90403 GHz | -46.70 dBm | -33.70 dB |

Date: 22.MAR.2017 11:16:34

### Highest Channel / QPSK

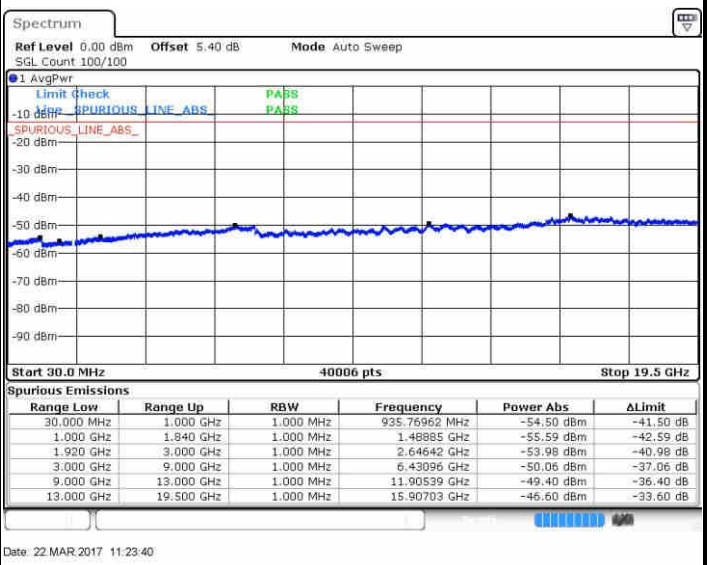



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 871.78161 MHz | -54.41 dBm | -41.41 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.69832 GHz | -55.55 dBm | -42.55 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.66225 GHz | -53.92 dBm | -40.92 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.50796 GHz | -50.08 dBm | -37.08 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.38033 GHz | -49.29 dBm | -36.29 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.92403 GHz | -46.70 dBm | -33.70 dB |

Date: 22.MAR.2017 11:22:45

### Highest Channel / 16QAM



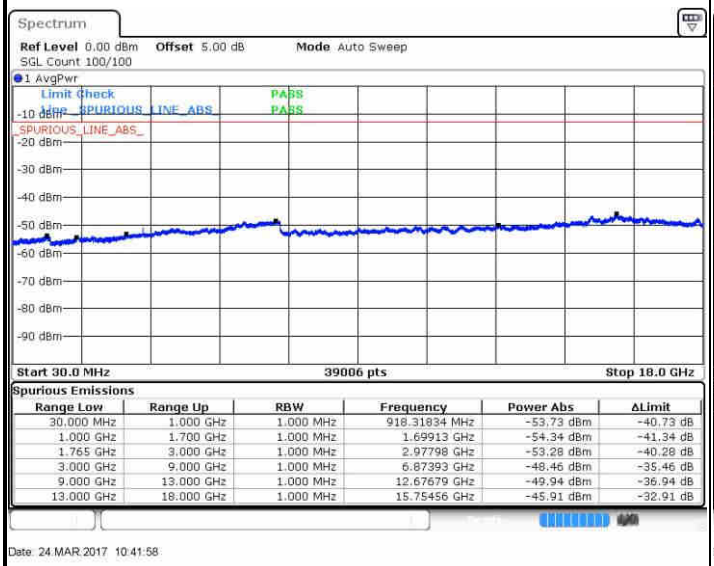

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 935.76962 MHz | -54.50 dBm | -41.50 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.48885 GHz | -55.59 dBm | -42.59 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.64642 GHz | -53.98 dBm | -40.98 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.43096 GHz | -50.06 dBm | -37.06 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 11.90539 GHz | -49.40 dBm | -36.40 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.90703 GHz | -46.60 dBm | -33.60 dB |

Date: 22.MAR.2017 11:23:40

## LTE Band 4 / 1.4MHz

### Lowest Channel / QPSK

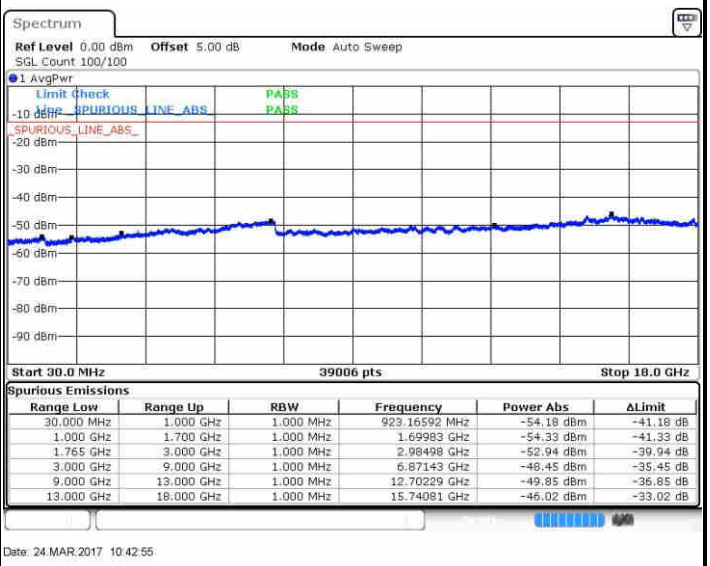



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 918.31834 MHz | -53.73 dBm | -40.73 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.69913 GHz | -54.34 dBm | -41.34 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.97798 GHz | -53.28 dBm | -40.28 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.87393 GHz | -48.46 dBm | -35.46 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.67679 GHz | -49.94 dBm | -36.94 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.75456 GHz | -45.91 dBm | -32.91 dB |

Date: 24.MAR.2017 10:41:58

### Lowest Channel / 16QAM

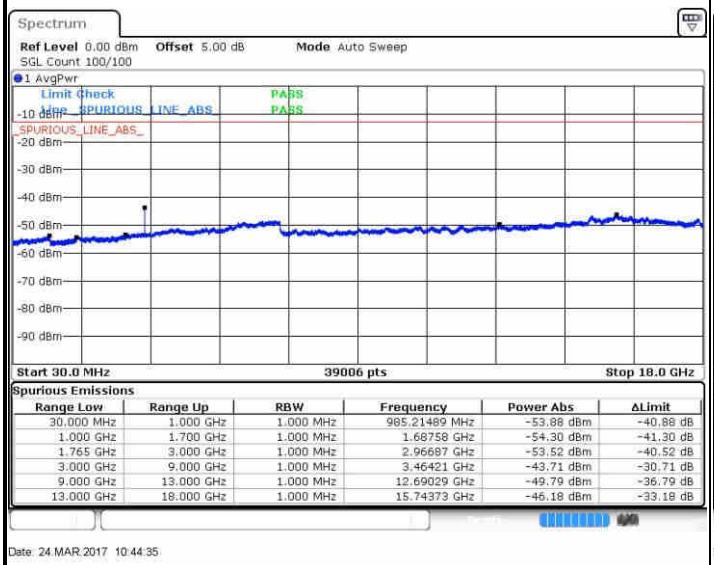



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 923.16592 MHz | -54.18 dBm | -41.18 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.69983 GHz | -54.33 dBm | -41.33 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.98498 GHz | -52.94 dBm | -39.94 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.87143 GHz | -48.45 dBm | -35.45 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.70229 GHz | -49.85 dBm | -36.85 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.74081 GHz | -46.02 dBm | -33.02 dB |

Date: 24.MAR.2017 10:42:55

### Middle Channel / QPSK

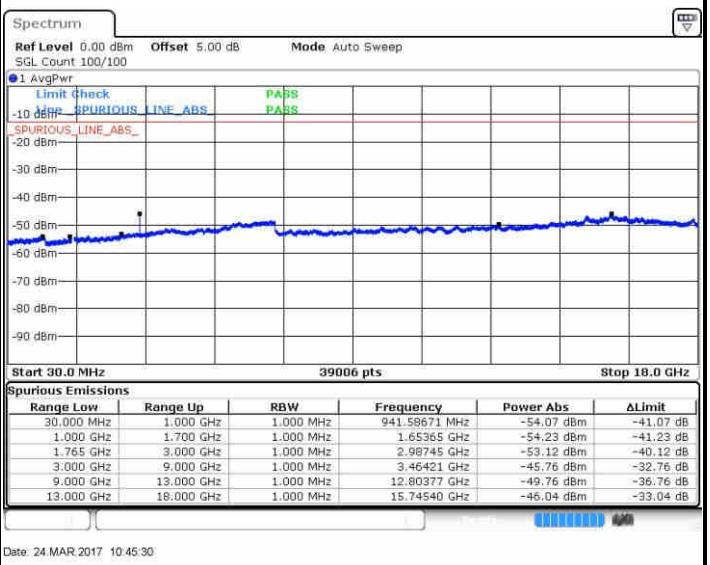



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 985.21489 MHz | -53.88 dBm | -40.88 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.68758 GHz | -54.30 dBm | -41.30 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.96687 GHz | -53.52 dBm | -40.52 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.46421 GHz | -43.71 dBm | -30.71 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.69029 GHz | -49.79 dBm | -36.79 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.74373 GHz | -46.18 dBm | -33.18 dB |

Date: 24.MAR.2017 10:44:35

### Middle Channel / 16QAM



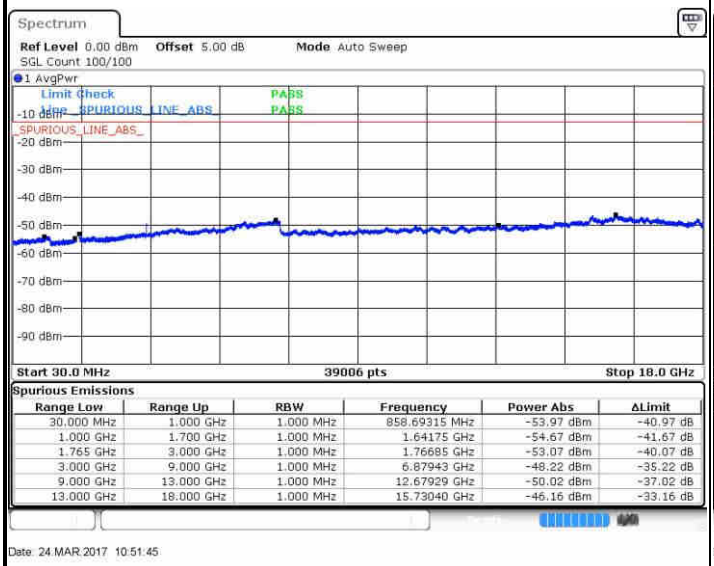

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 941.58671 MHz | -54.07 dBm | -41.07 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.65365 GHz | -54.23 dBm | -41.23 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.98745 GHz | -53.12 dBm | -40.12 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.46421 GHz | -45.76 dBm | -32.76 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.80377 GHz | -49.76 dBm | -36.76 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.74540 GHz | -46.04 dBm | -33.04 dB |

Date: 24.MAR.2017 10:45:30

## LTE Band 4 / 1.4MHz

### Highest Channel / QPSK

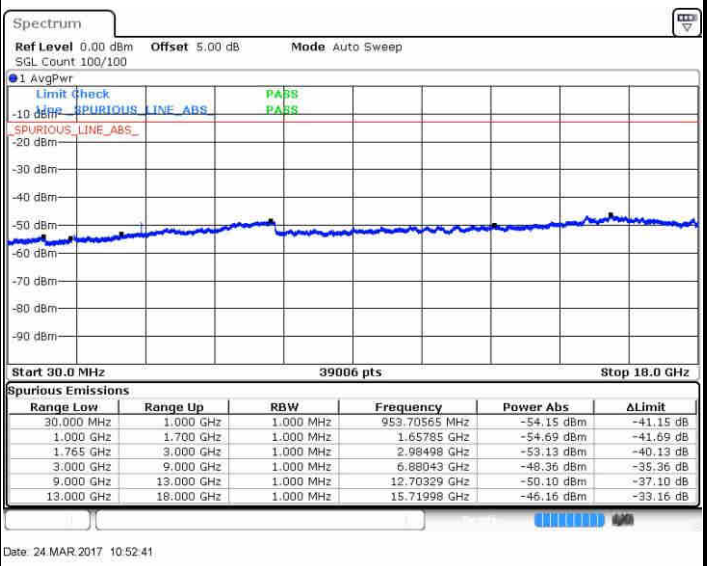



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 858.69315 MHz | -53.97 dBm | -40.97 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.64175 GHz | -54.67 dBm | -41.67 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 1.76685 GHz | -53.07 dBm | -40.07 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.87943 GHz | -48.22 dBm | -35.22 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.67929 GHz | -50.02 dBm | -37.02 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.73040 GHz | -46.16 dBm | -33.16 dB |

Date: 24.MAR.2017 10:51:45

### Highest Channel / 16QAM



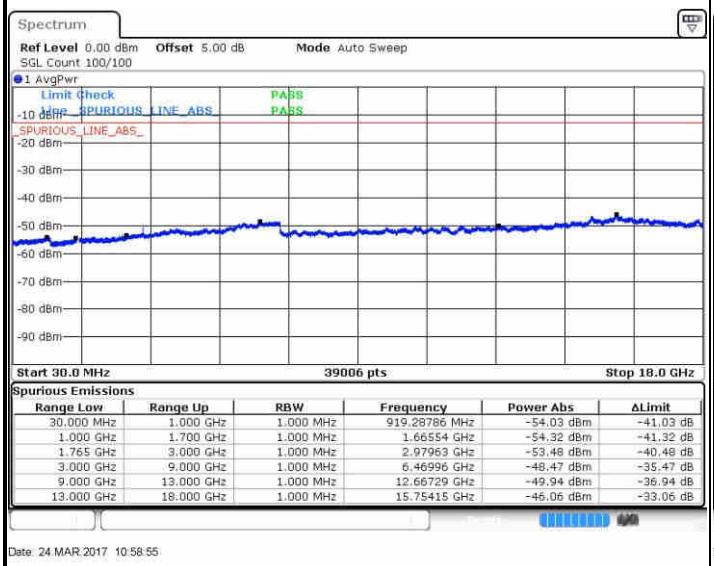

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 953.70565 MHz | -54.15 dBm | -41.15 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.65785 GHz | -54.69 dBm | -41.69 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.98498 GHz | -53.13 dBm | -40.13 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.88043 GHz | -48.36 dBm | -35.36 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.70329 GHz | -50.10 dBm | -37.10 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.71998 GHz | -46.16 dBm | -33.16 dB |

Date: 24.MAR.2017 10:52:41

## LTE Band 4 / 3MHz

### Lowest Channel / QPSK

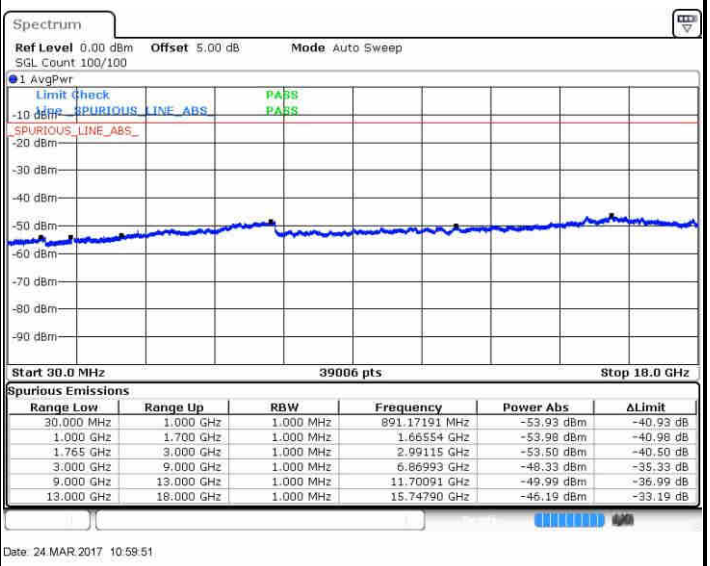



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 919.28786 MHz | -54.03 dBm | -41.03 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.66554 GHz | -54.32 dBm | -41.32 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.97963 GHz | -53.48 dBm | -40.48 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.46996 GHz | -48.47 dBm | -35.47 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.66729 GHz | -49.94 dBm | -36.94 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.75415 GHz | -46.06 dBm | -33.06 dB |

Date: 24.MAR.2017 10:58:55

### Lowest Channel / 16QAM



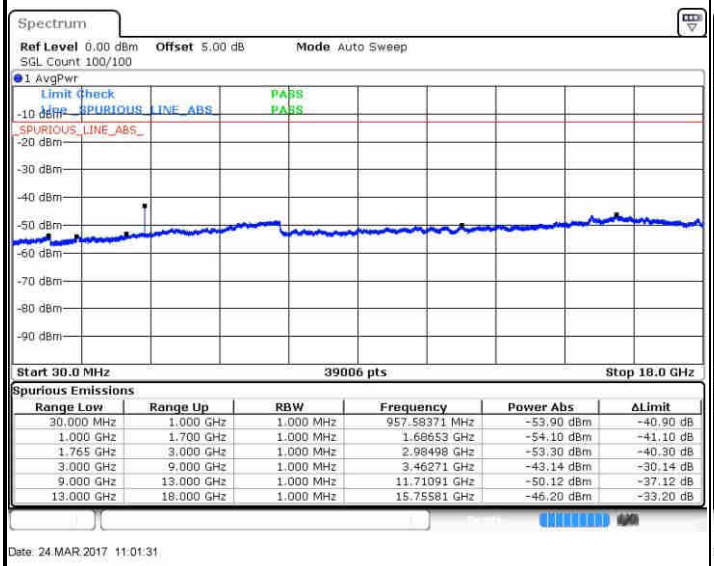

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 891.17191 MHz | -53.93 dBm | -40.93 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.66554 GHz | -53.98 dBm | -40.98 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.99115 GHz | -53.50 dBm | -40.50 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.86993 GHz | -48.33 dBm | -35.33 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 11.70091 GHz | -49.99 dBm | -36.99 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.74790 GHz | -46.19 dBm | -33.19 dB |

Date: 24.MAR.2017 10:59:51

## LTE Band 4 / 3MHz

### Middle Channel / QPSK

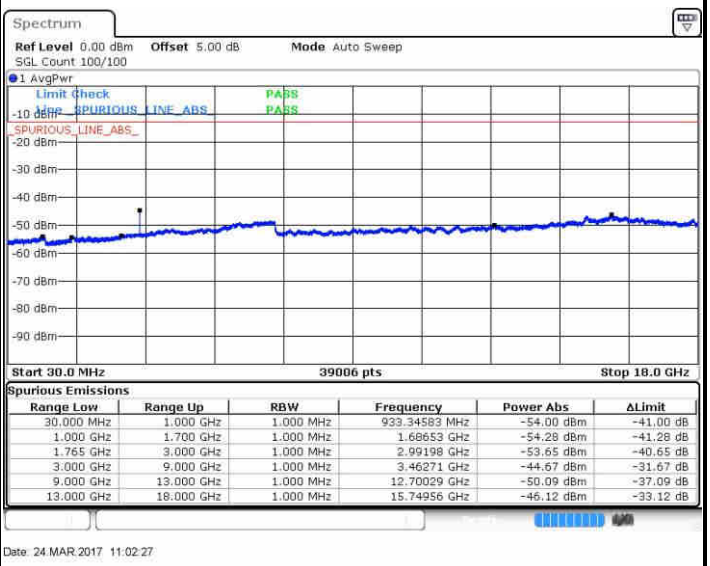



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 957.58371 MHz | -53.90 dBm | -40.90 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.68653 GHz | -54.10 dBm | -41.10 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.98498 GHz | -53.30 dBm | -40.30 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.46271 GHz | -43.14 dBm | -30.14 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 11.71091 GHz | -50.12 dBm | -37.12 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.75581 GHz | -46.20 dBm | -33.20 dB |

Date: 24.MAR.2017 11:01:31

### Middle Channel / 16QAM

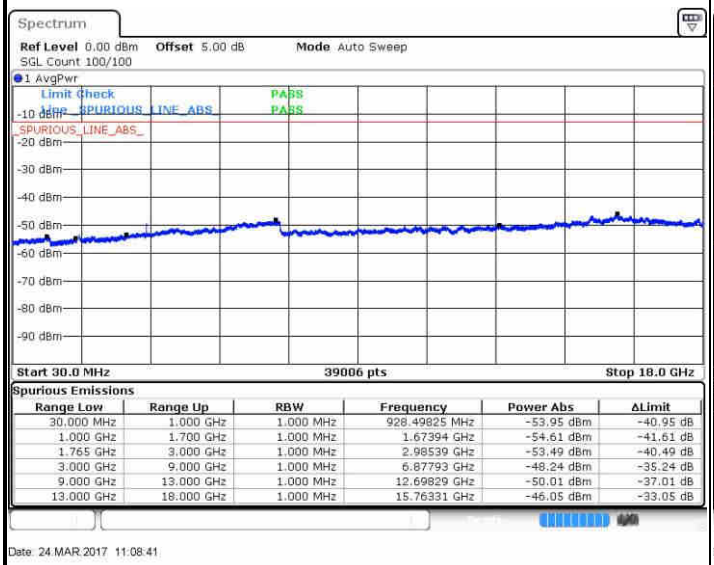



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 933.34583 MHz | -54.00 dBm | -41.00 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.68653 GHz | -54.28 dBm | -41.28 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.99198 GHz | -53.65 dBm | -40.65 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.46271 GHz | -44.67 dBm | -31.67 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.70029 GHz | -50.09 dBm | -37.09 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.74956 GHz | -46.12 dBm | -33.12 dB |

Date: 24.MAR.2017 11:02:27

### Highest Channel / QPSK

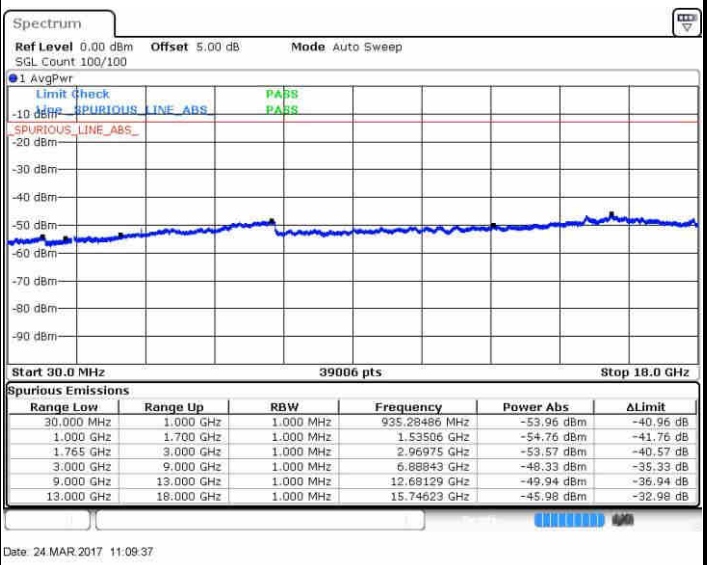



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 928.49825 MHz | -53.95 dBm | -40.95 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.67394 GHz | -54.61 dBm | -41.61 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.98539 GHz | -53.49 dBm | -40.49 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.87793 GHz | -48.24 dBm | -35.24 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.69829 GHz | -50.01 dBm | -37.01 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.76331 GHz | -46.05 dBm | -33.05 dB |

Date: 24.MAR.2017 11:08:41

### Highest Channel / 16QAM



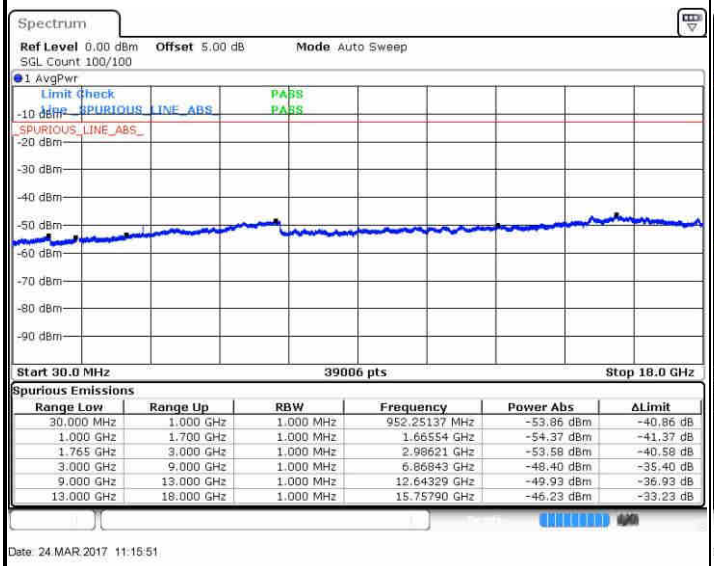

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 935.28486 MHz | -53.96 dBm | -40.96 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.53506 GHz | -54.76 dBm | -41.76 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.96975 GHz | -53.57 dBm | -40.57 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.88843 GHz | -48.33 dBm | -35.33 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.68129 GHz | -49.94 dBm | -36.94 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.74623 GHz | -45.98 dBm | -32.98 dB |

Date: 24.MAR.2017 11:09:37

## LTE Band 4 / 5MHz

### Lowest Channel / QPSK

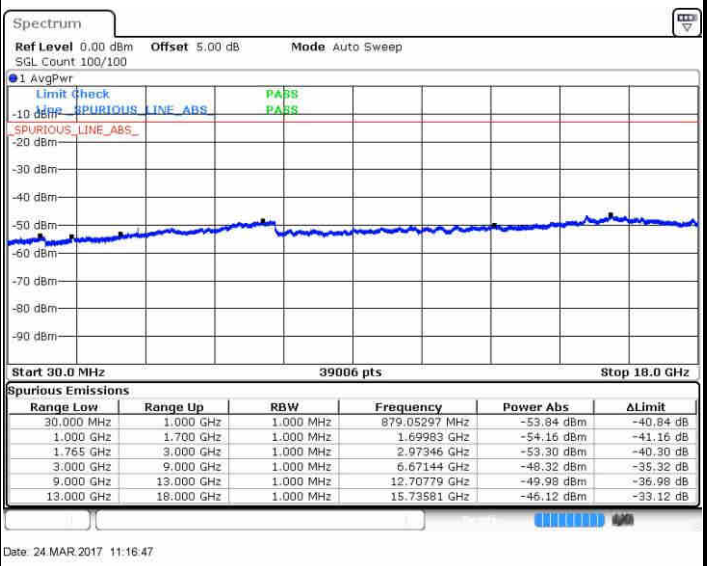



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 952.25137 MHz | -53.86 dBm | -40.86 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.66554 GHz | -54.37 dBm | -41.37 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.98621 GHz | -53.58 dBm | -40.58 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.86843 GHz | -48.40 dBm | -35.40 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.64329 GHz | -49.93 dBm | -36.93 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.75790 GHz | -46.23 dBm | -33.23 dB |

Date: 24.MAR.2017 11:15:51

### Lowest Channel / 16QAM

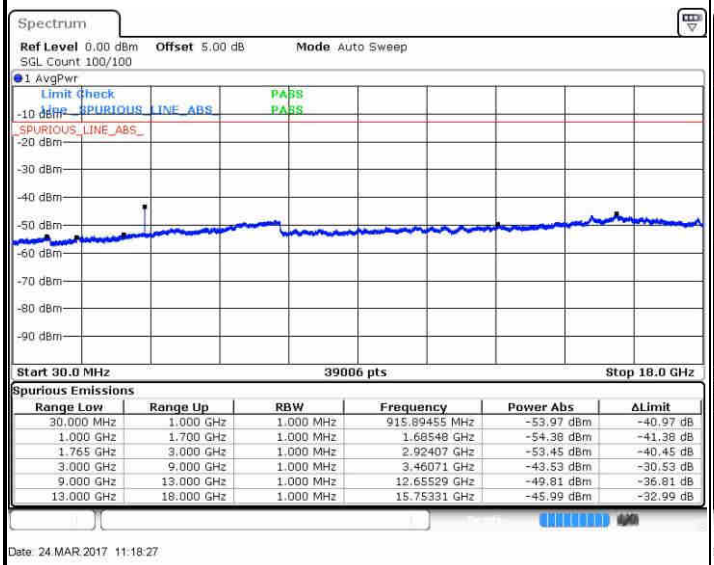



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 879.05297 MHz | -53.84 dBm | -40.84 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.69983 GHz | -54.16 dBm | -41.16 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.97346 GHz | -53.30 dBm | -40.30 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.67144 GHz | -48.32 dBm | -35.32 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.70779 GHz | -49.98 dBm | -36.98 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.73581 GHz | -46.12 dBm | -33.12 dB |

Date: 24.MAR.2017 11:16:47

### Middle Channel / QPSK

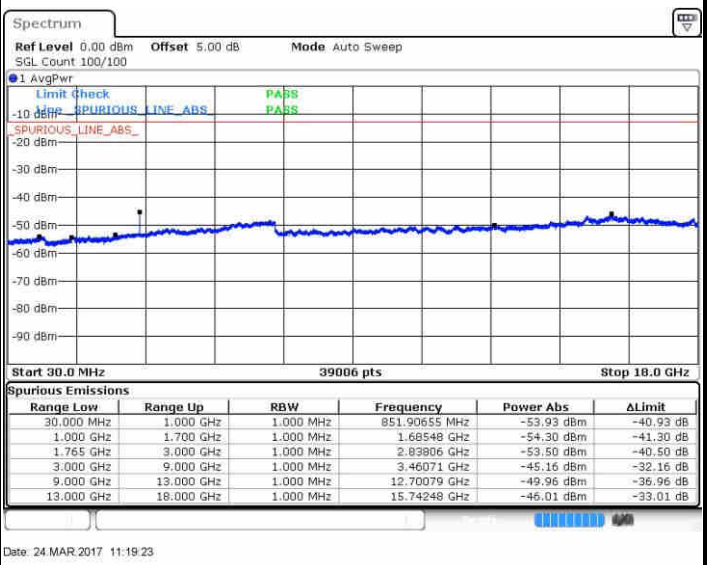



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 915.89455 MHz | -53.97 dBm | -40.97 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.68548 GHz | -54.38 dBm | -41.38 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.92407 GHz | -53.45 dBm | -40.45 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.46071 GHz | -43.53 dBm | -30.53 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.65529 GHz | -49.81 dBm | -36.81 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.75331 GHz | -45.99 dBm | -32.99 dB |

Date: 24.MAR.2017 11:18:27

### Middle Channel / 16QAM



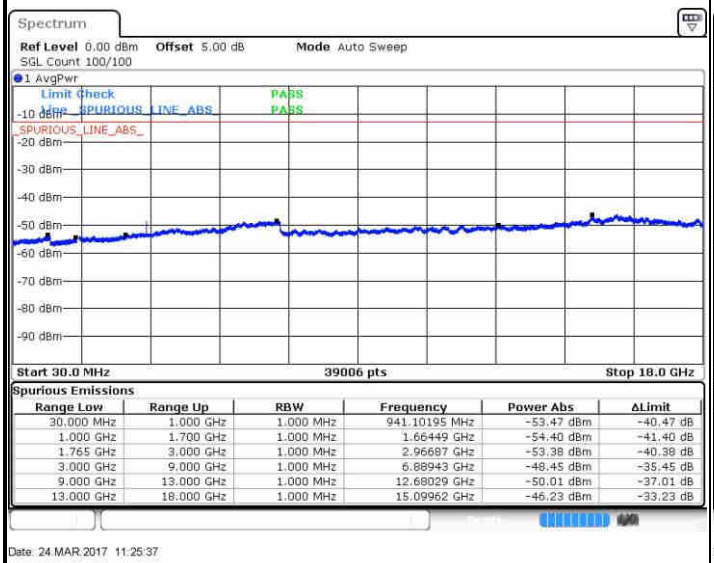

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 851.90655 MHz | -53.93 dBm | -40.93 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.68548 GHz | -54.30 dBm | -41.30 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.83806 GHz | -53.50 dBm | -40.50 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.46071 GHz | -45.16 dBm | -32.16 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.70079 GHz | -49.96 dBm | -36.96 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.74248 GHz | -46.01 dBm | -33.01 dB |

Date: 24.MAR.2017 11:19:23

## LTE Band 4 / 5MHz

### Highest Channel / QPSK

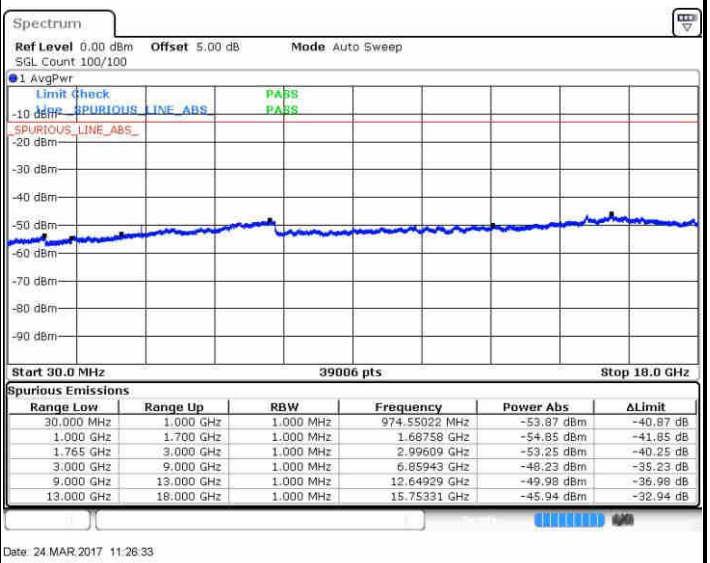



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 941.10195 MHz | -53.47 dBm | -40.47 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.66449 GHz | -54.40 dBm | -41.40 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.96687 GHz | -53.38 dBm | -40.38 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.88943 GHz | -48.45 dBm | -35.45 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.68029 GHz | -50.01 dBm | -37.01 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.09962 GHz | -46.23 dBm | -33.23 dB |

Date: 24.MAR.2017 11:25:37

### Highest Channel / 16QAM



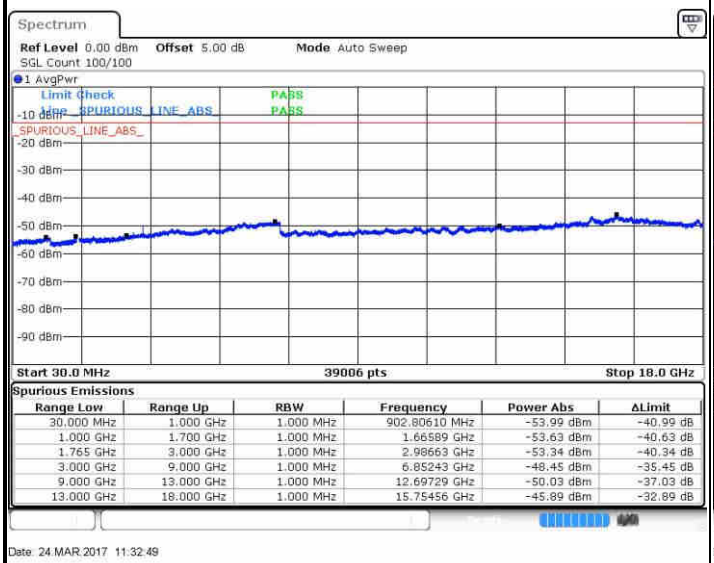

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 974.55022 MHz | -53.87 dBm | -40.87 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.68758 GHz | -54.85 dBm | -41.85 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.99609 GHz | -53.25 dBm | -40.25 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.85943 GHz | -48.23 dBm | -35.23 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.64929 GHz | -49.98 dBm | -36.98 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.75331 GHz | -45.94 dBm | -32.94 dB |

Date: 24.MAR.2017 11:26:33

## LTE Band 4 / 10MHz

### Lowest Channel / QPSK

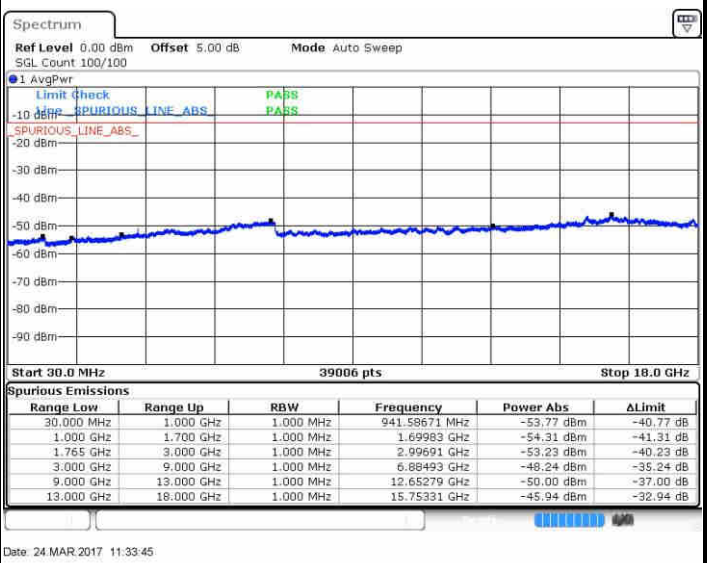



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 902.80610 MHz | -53.99 dBm | -40.99 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.66589 GHz | -53.63 dBm | -40.63 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.98663 GHz | -53.34 dBm | -40.34 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.85243 GHz | -48.45 dBm | -35.45 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.69729 GHz | -50.03 dBm | -37.03 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.75456 GHz | -45.89 dBm | -32.89 dB |

Date: 24.MAR.2017 11:32:49

### Lowest Channel / 16QAM



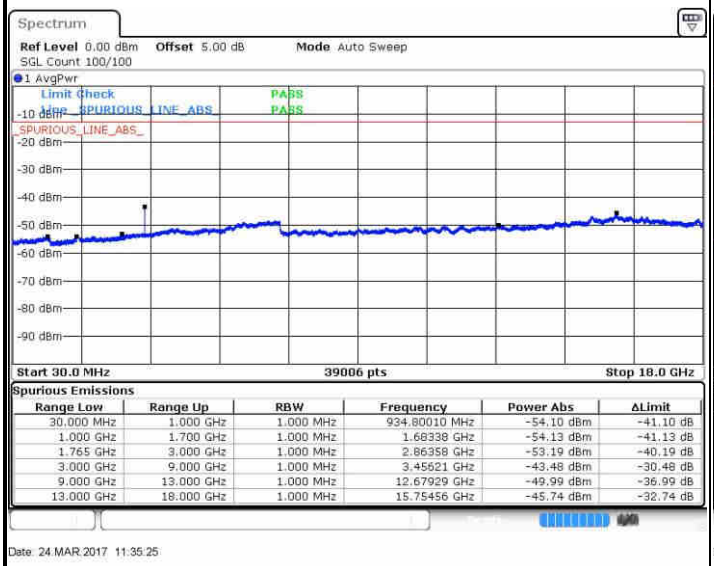

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 941.58671 MHz | -53.77 dBm | -40.77 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.69983 GHz | -54.31 dBm | -41.31 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.99691 GHz | -53.23 dBm | -40.23 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.88493 GHz | -48.24 dBm | -35.24 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.65279 GHz | -50.00 dBm | -37.00 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.75331 GHz | -45.94 dBm | -32.94 dB |

Date: 24.MAR.2017 11:33:45

## LTE Band 4 / 10MHz

### Middle Channel / QPSK

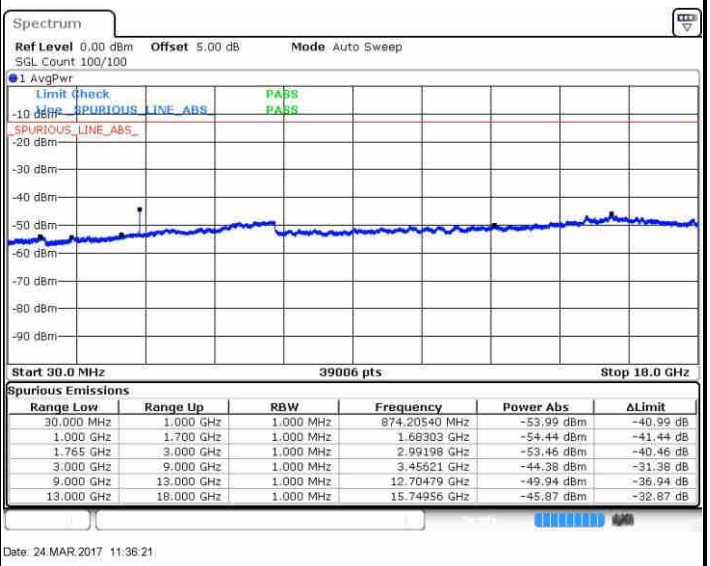



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 934.80010 MHz | -54.10 dBm | -41.10 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.68338 GHz | -54.13 dBm | -41.13 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.86358 GHz | -53.19 dBm | -40.19 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.45621 GHz | -43.48 dBm | -30.48 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.67929 GHz | -49.99 dBm | -36.99 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.75456 GHz | -45.74 dBm | -32.74 dB |

Date: 24.MAR.2017 11:35:25

### Middle Channel / 16QAM

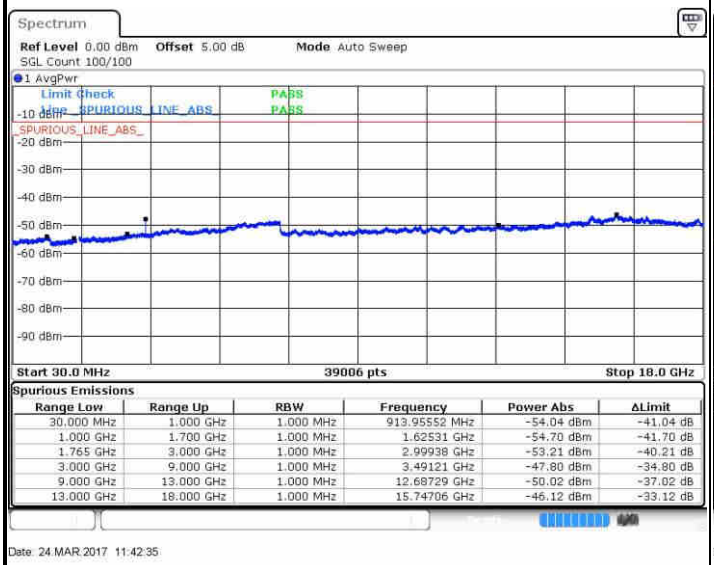



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 874.20540 MHz | -53.99 dBm | -40.99 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.68303 GHz | -54.44 dBm | -41.44 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.99198 GHz | -53.46 dBm | -40.46 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.45621 GHz | -44.38 dBm | -31.38 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.70479 GHz | -49.94 dBm | -36.94 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.74956 GHz | -45.87 dBm | -32.87 dB |

Date: 24.MAR.2017 11:36:21

### Highest Channel / QPSK

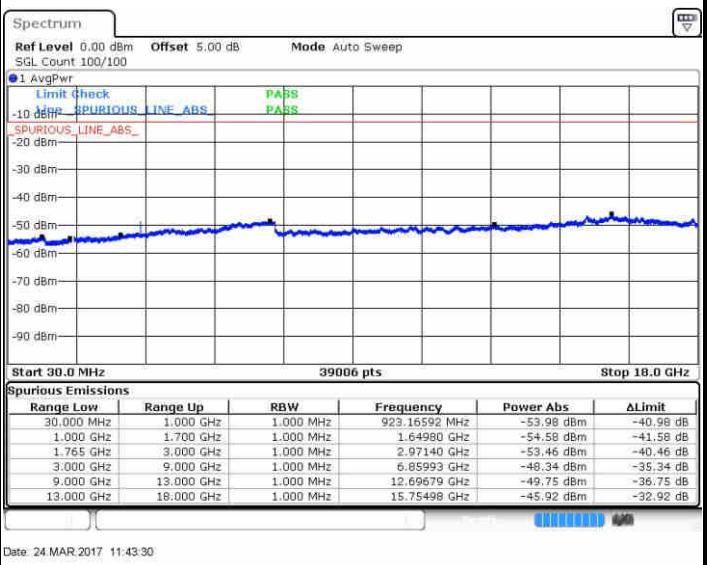



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 913.95552 MHz | -54.04 dBm | -41.04 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.62531 GHz | -54.70 dBm | -41.70 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.99938 GHz | -53.21 dBm | -40.21 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.49121 GHz | -47.80 dBm | -34.80 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.68729 GHz | -50.02 dBm | -37.02 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.74706 GHz | -46.12 dBm | -33.12 dB |

Date: 24.MAR.2017 11:42:35

### Highest Channel / 16QAM



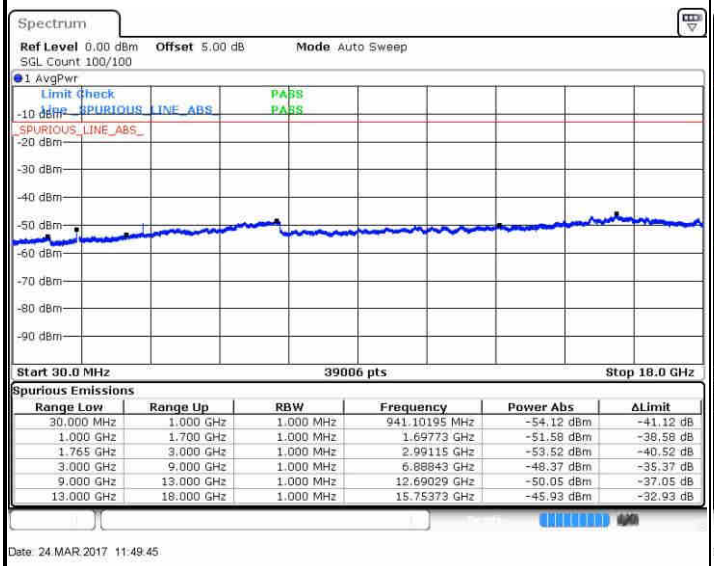

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 923.16592 MHz | -53.98 dBm | -40.98 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.64980 GHz | -54.58 dBm | -41.58 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.97140 GHz | -53.46 dBm | -40.46 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.85993 GHz | -48.34 dBm | -35.34 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.69679 GHz | -49.75 dBm | -36.75 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.75498 GHz | -45.92 dBm | -32.92 dB |

Date: 24.MAR.2017 11:43:30

## LTE Band 4 / 15MHz

### Lowest Channel / QPSK

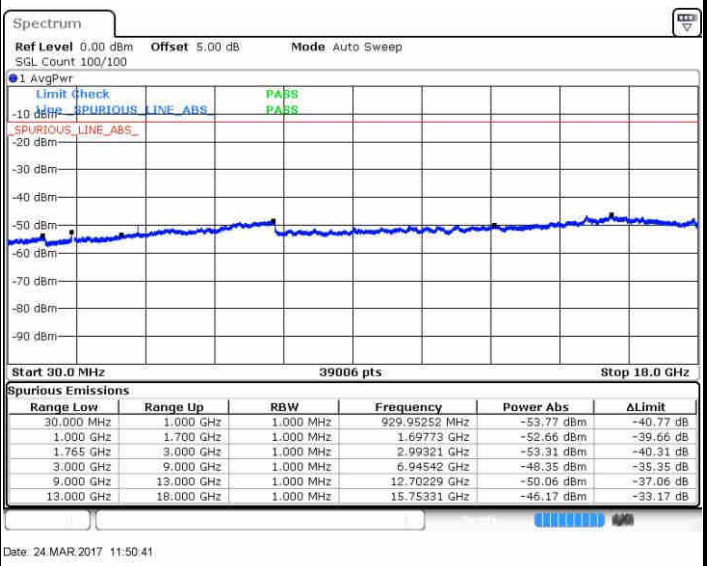



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 941.10195 MHz | -54.12 dBm | -41.12 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.69773 GHz | -51.58 dBm | -38.58 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.99115 GHz | -53.52 dBm | -40.52 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.88843 GHz | -48.37 dBm | -35.37 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.69029 GHz | -50.05 dBm | -37.05 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.75373 GHz | -45.93 dBm | -32.93 dB |

Date: 24.MAR.2017 11:49:45

### Lowest Channel / 16QAM

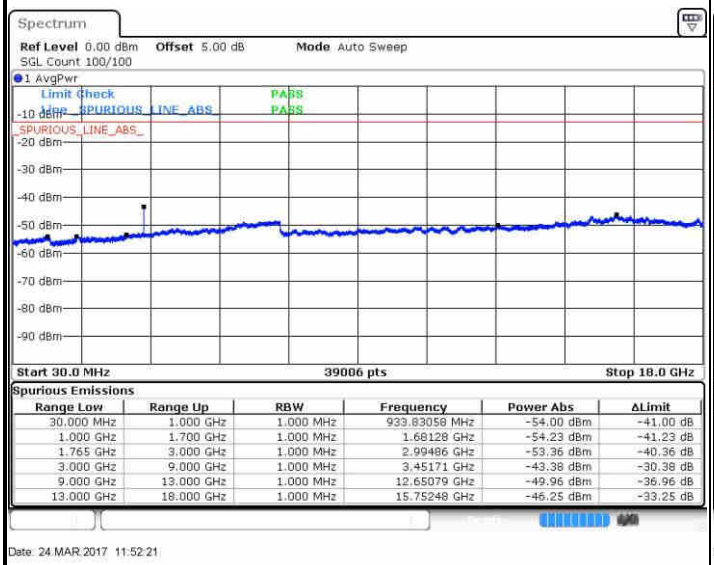



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 929.95252 MHz | -53.77 dBm | -40.77 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.69773 GHz | -52.66 dBm | -39.66 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.99321 GHz | -53.31 dBm | -40.31 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.94542 GHz | -48.35 dBm | -35.35 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.70229 GHz | -50.06 dBm | -37.06 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.75331 GHz | -46.17 dBm | -33.17 dB |

Date: 24.MAR.2017 11:50:41

### Middle Channel / QPSK

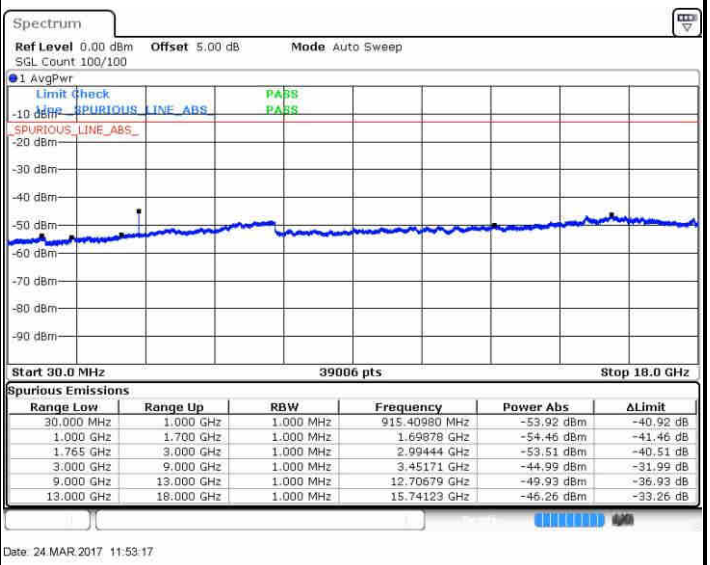



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 933.83058 MHz | -54.00 dBm | -41.00 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.68128 GHz | -54.23 dBm | -41.23 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.99486 GHz | -53.36 dBm | -40.36 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.45171 GHz | -43.38 dBm | -30.38 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.65079 GHz | -49.96 dBm | -36.96 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.75248 GHz | -46.25 dBm | -33.25 dB |

Date: 24.MAR.2017 11:52:21

### Middle Channel / 16QAM



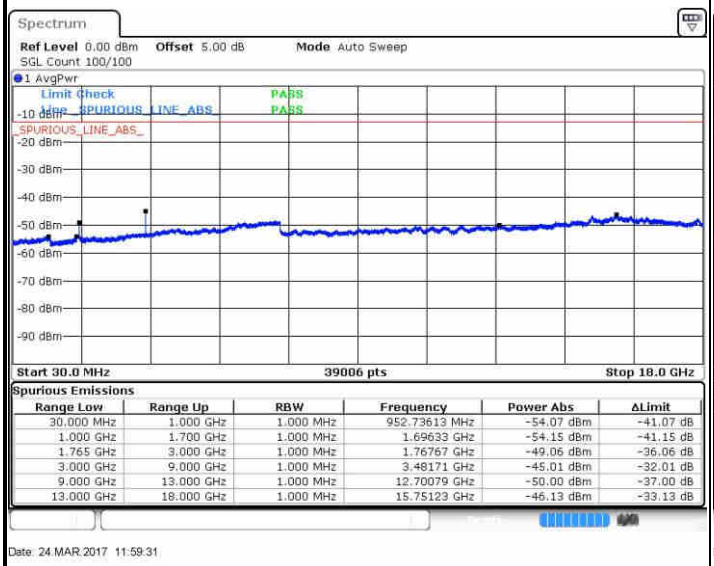

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 915.40980 MHz | -53.92 dBm | -40.92 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.69878 GHz | -54.46 dBm | -41.46 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.99444 GHz | -53.51 dBm | -40.51 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.45171 GHz | -44.99 dBm | -31.99 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.70679 GHz | -49.93 dBm | -36.93 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.74123 GHz | -46.26 dBm | -33.26 dB |

Date: 24.MAR.2017 11:53:17

## LTE Band 4 / 15MHz

### Highest Channel / QPSK

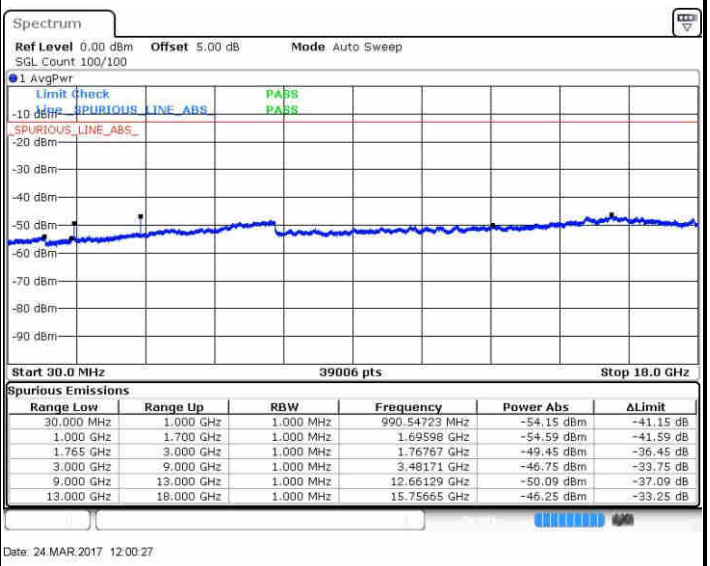



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 952.73613 MHz | -54.07 dBm | -41.07 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.69633 GHz | -54.15 dBm | -41.15 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 1.76767 GHz | -49.06 dBm | -36.06 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.48171 GHz | -45.01 dBm | -32.01 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.70079 GHz | -50.00 dBm | -37.00 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.75123 GHz | -46.13 dBm | -33.13 dB |

Date: 24.MAR.2017 11:59:31

### Highest Channel / 16QAM



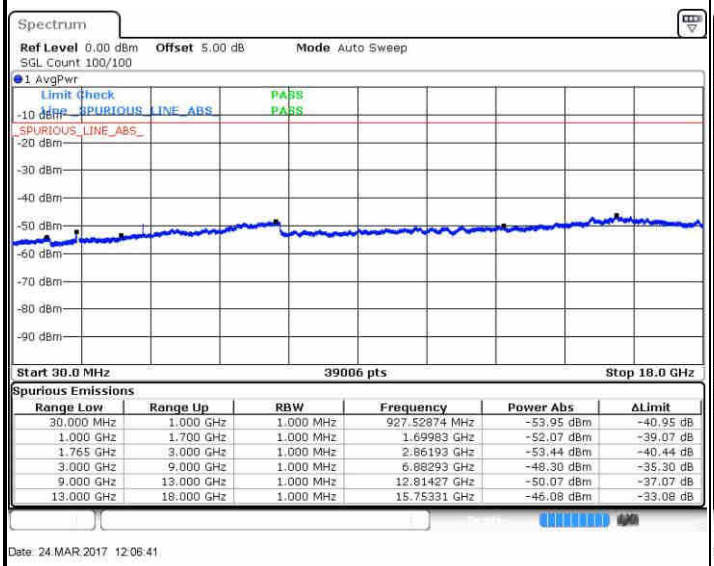

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 990.54723 MHz | -54.15 dBm | -41.15 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.69598 GHz | -54.59 dBm | -41.59 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 1.76767 GHz | -49.45 dBm | -36.45 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.48171 GHz | -46.75 dBm | -33.75 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.66129 GHz | -50.09 dBm | -37.09 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.75665 GHz | -46.25 dBm | -33.25 dB |

Date: 24.MAR.2017 12:00:27

## LTE Band 4 / 20MHz

### Lowest Channel / QPSK

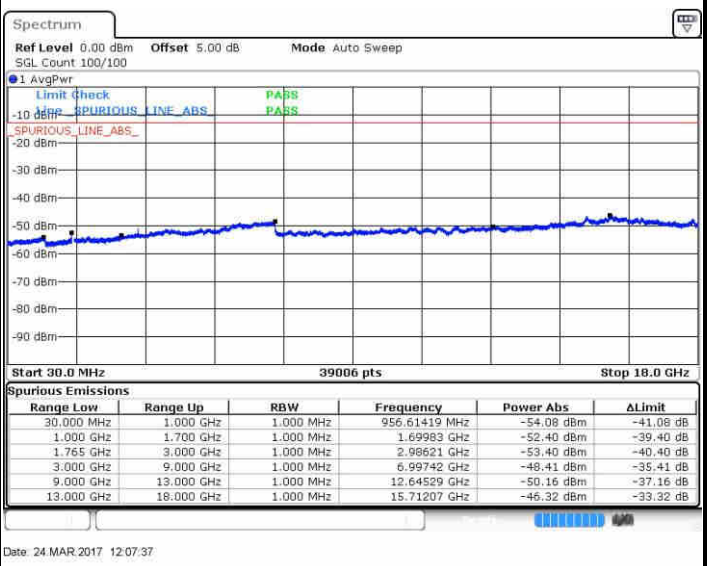



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 927.52874 MHz | -53.95 dBm | -40.95 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.69983 GHz | -52.07 dBm | -39.07 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.86193 GHz | -53.44 dBm | -40.44 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.88293 GHz | -48.30 dBm | -35.30 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.81427 GHz | -50.07 dBm | -37.07 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.75331 GHz | -46.08 dBm | -33.08 dB |

Date: 24.MAR.2017 12:06:41

### Lowest Channel / 16QAM



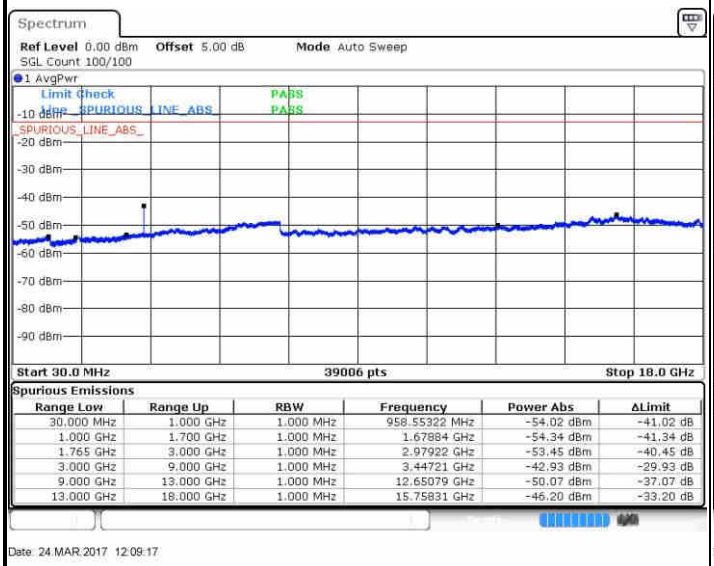

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 956.61419 MHz | -54.08 dBm | -41.08 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.69983 GHz | -52.40 dBm | -39.40 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.98621 GHz | -53.40 dBm | -40.40 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.99742 GHz | -48.41 dBm | -35.41 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.64529 GHz | -50.16 dBm | -37.16 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.71207 GHz | -46.32 dBm | -33.32 dB |

Date: 24.MAR.2017 12:07:37

## LTE Band 4 / 20MHz

### Middle Channel / QPSK

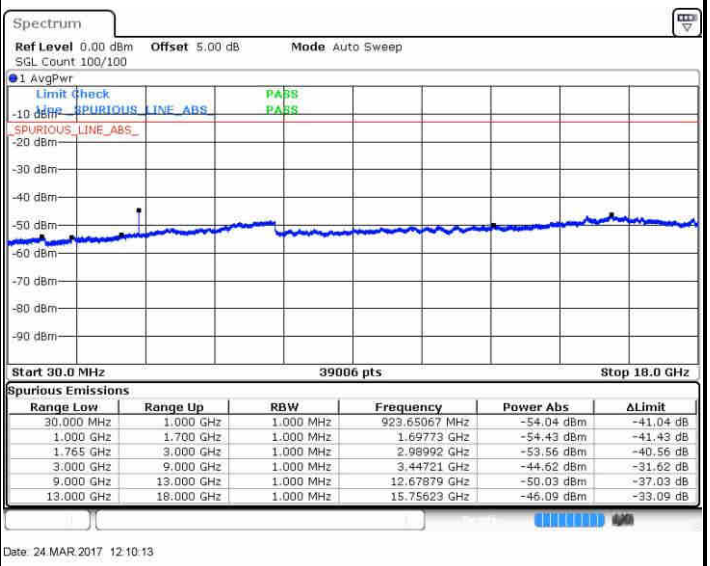



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 958.55322 MHz | -54.02 dBm | -41.02 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.67884 GHz | -54.34 dBm | -41.34 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.97922 GHz | -53.45 dBm | -40.45 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.44721 GHz | -42.93 dBm | -29.93 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.65079 GHz | -50.07 dBm | -37.07 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.75831 GHz | -46.20 dBm | -33.20 dB |

Date: 24.MAR.2017 12:09:17

### Middle Channel / 16QAM

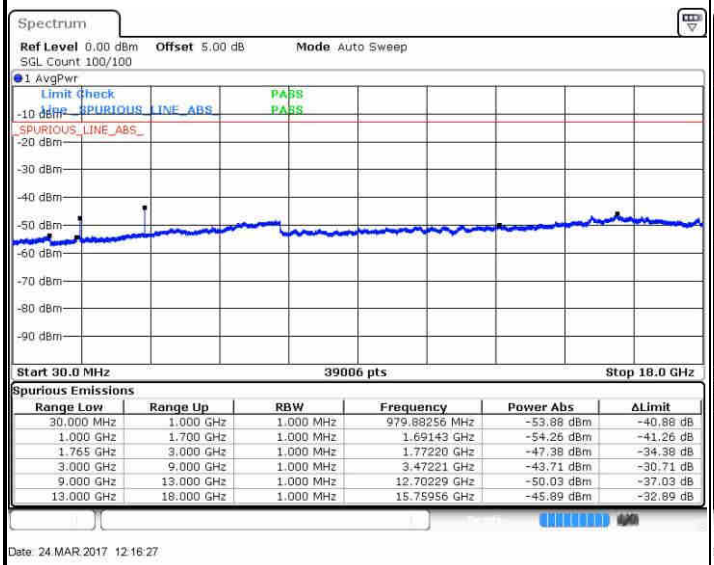



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 923.65067 MHz | -54.04 dBm | -41.04 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.69773 GHz | -54.43 dBm | -41.43 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.98992 GHz | -53.56 dBm | -40.56 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.44721 GHz | -44.62 dBm | -31.62 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.67879 GHz | -50.03 dBm | -37.03 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.75623 GHz | -46.09 dBm | -33.09 dB |

Date: 24.MAR.2017 12:10:13

### Highest Channel / QPSK

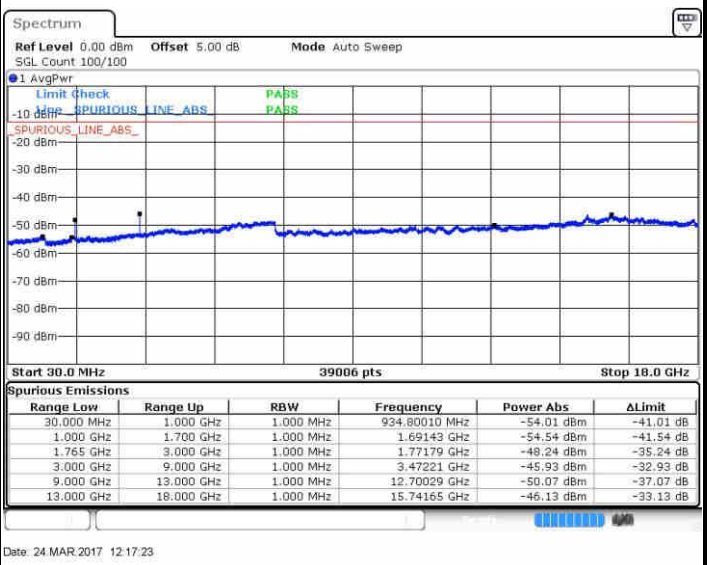



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 979.88256 MHz | -53.88 dBm | -40.88 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.69143 GHz | -54.26 dBm | -41.26 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 1.77220 GHz | -47.38 dBm | -34.38 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.47221 GHz | -43.71 dBm | -30.71 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.70229 GHz | -50.03 dBm | -37.03 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.75956 GHz | -45.89 dBm | -32.89 dB |

Date: 24.MAR.2017 12:16:27

### Highest Channel / 16QAM



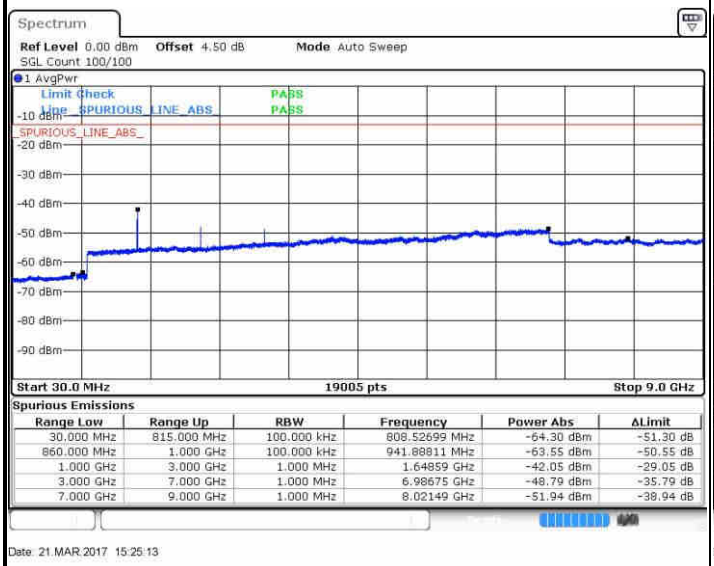

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 934.80010 MHz | -54.01 dBm | -41.01 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.69143 GHz | -54.54 dBm | -41.54 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 1.77179 GHz | -48.24 dBm | -35.24 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.47221 GHz | -45.93 dBm | -32.93 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.70029 GHz | -50.07 dBm | -37.07 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.74165 GHz | -46.13 dBm | -33.13 dB |

Date: 24.MAR.2017 12:17:23

## LTE Band 5 / 1.4MHz

### Lowest Channel / QPSK

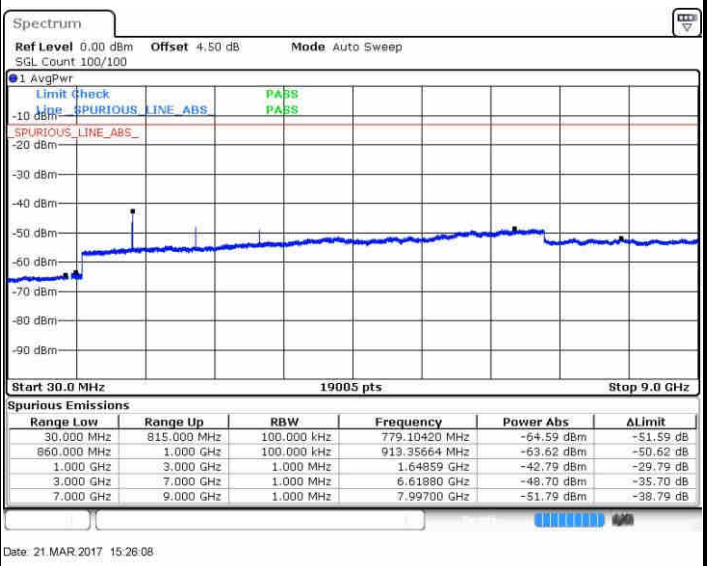



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 815.000 MHz | 100.000 kHz | 808.52699 MHz | -64.30 dBm | -51.30 dB |
| 860.000 MHz | 1.000 GHz | 100.000 kHz | 941.88811 MHz | -63.55 dBm | -50.55 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.64859 GHz | -42.05 dBm | -29.05 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.98675 GHz | -48.79 dBm | -35.79 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 8.02149 GHz | -51.94 dBm | -38.94 dB |

Date: 21.MAR.2017 15:25:13

### Lowest Channel / 16QAM

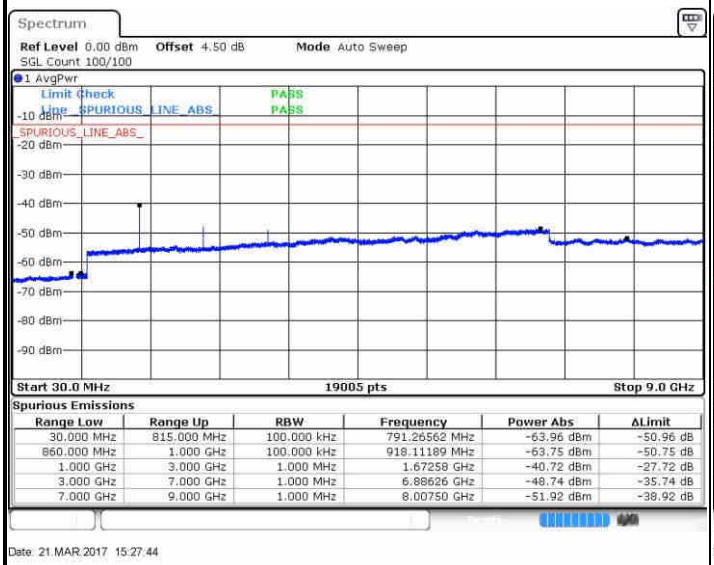



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 815.000 MHz | 100.000 kHz | 779.10420 MHz | -64.59 dBm | -51.59 dB |
| 860.000 MHz | 1.000 GHz | 100.000 kHz | 913.35664 MHz | -63.62 dBm | -50.62 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.64859 GHz | -42.79 dBm | -29.79 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.61880 GHz | -48.70 dBm | -35.70 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.99700 GHz | -51.79 dBm | -38.79 dB |

Date: 21.MAR.2017 15:26:08

### Middle Channel / QPSK

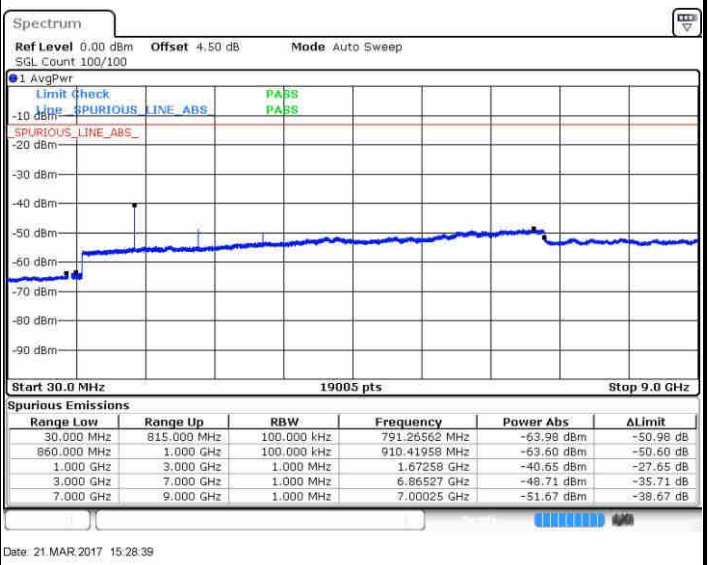



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 815.000 MHz | 100.000 kHz | 791.26562 MHz | -63.96 dBm | -50.96 dB |
| 860.000 MHz | 1.000 GHz | 100.000 kHz | 918.11189 MHz | -63.75 dBm | -50.75 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.67258 GHz | -40.72 dBm | -27.72 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.88626 GHz | -48.74 dBm | -35.74 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 8.00750 GHz | -51.92 dBm | -38.92 dB |

Date: 21.MAR.2017 15:27:44

### Middle Channel / 16QAM



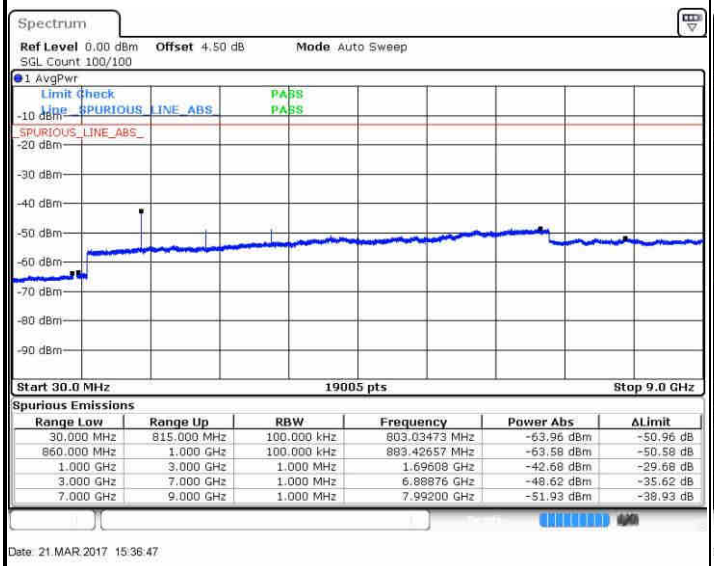

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 815.000 MHz | 100.000 kHz | 791.26562 MHz | -63.98 dBm | -50.98 dB |
| 860.000 MHz | 1.000 GHz | 100.000 kHz | 910.41958 MHz | -63.60 dBm | -50.60 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.67258 GHz | -40.65 dBm | -27.65 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.86527 GHz | -48.71 dBm | -35.71 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.00025 GHz | -51.67 dBm | -38.67 dB |

Date: 21.MAR.2017 15:28:39

## LTE Band 5 / 1.4MHz

### Highest Channel / QPSK

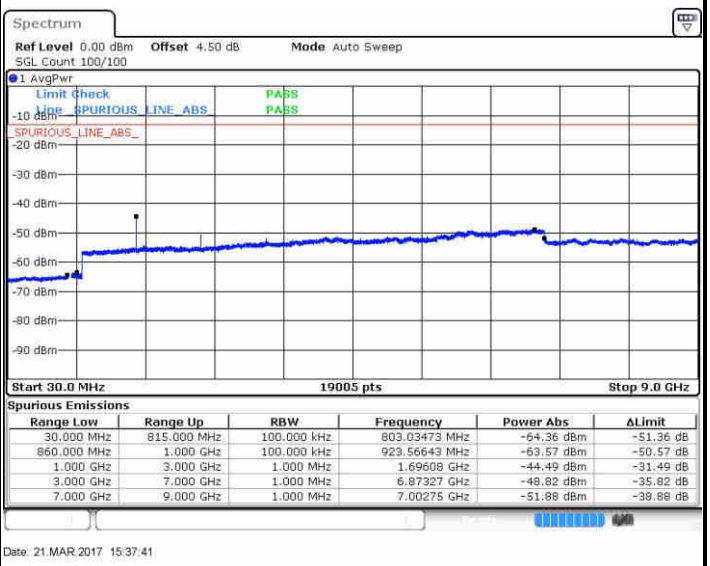



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 815.000 MHz | 100.000 kHz | 803.03473 MHz | -63.96 dBm | -50.96 dB |
| 860.000 MHz | 1.000 GHz | 100.000 kHz | 883.42657 MHz | -63.58 dBm | -50.58 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.69608 GHz | -42.68 dBm | -29.68 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.88876 GHz | -48.62 dBm | -35.62 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.99200 GHz | -51.93 dBm | -38.93 dB |

Date: 21.MAR.2017 15:36:47

### Highest Channel / 16QAM



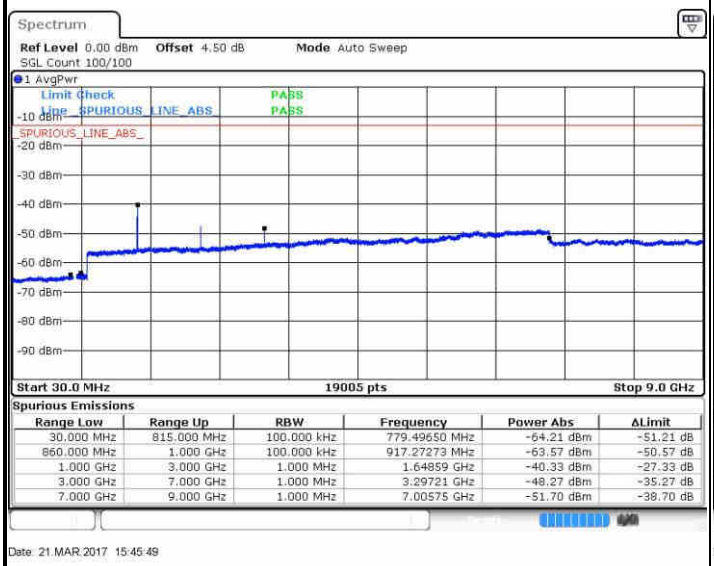

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 815.000 MHz | 100.000 kHz | 803.03473 MHz | -64.36 dBm | -51.36 dB |
| 860.000 MHz | 1.000 GHz | 100.000 kHz | 923.56643 MHz | -63.57 dBm | -50.57 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.69608 GHz | -44.49 dBm | -31.49 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.87327 GHz | -48.82 dBm | -35.82 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.00275 GHz | -51.88 dBm | -38.88 dB |

Date: 21.MAR.2017 15:37:41

## LTE Band 5 / 3MHz

### Lowest Channel / QPSK

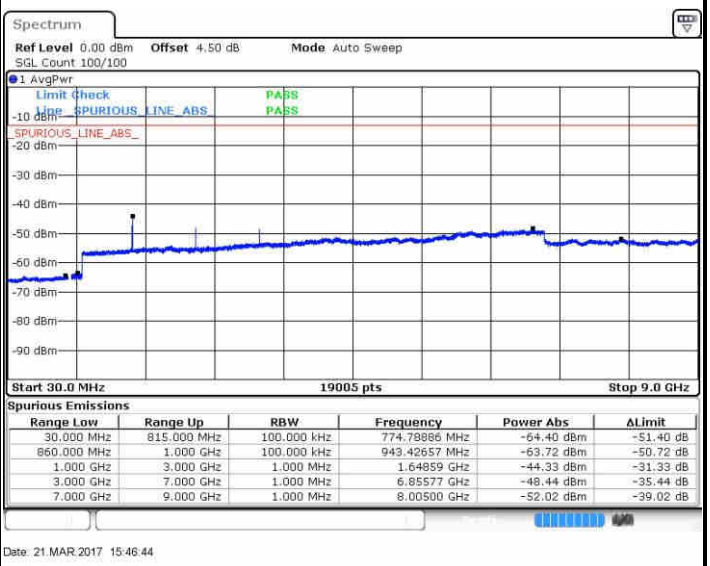



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 815.000 MHz | 100.000 kHz | 779.49650 MHz | -64.21 dBm | -51.21 dB |
| 860.000 MHz | 1.000 GHz | 100.000 kHz | 917.27273 MHz | -63.57 dBm | -50.57 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.64859 GHz | -40.33 dBm | -27.33 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 3.29721 GHz | -48.27 dBm | -35.27 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.00575 GHz | -51.70 dBm | -38.70 dB |

Date: 21.MAR.2017 15:45:49

### Lowest Channel / 16QAM



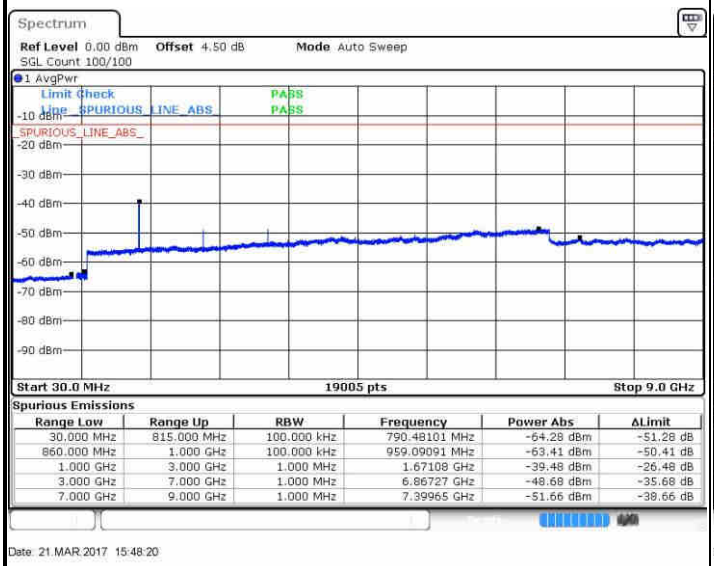

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 815.000 MHz | 100.000 kHz | 774.78886 MHz | -64.40 dBm | -51.40 dB |
| 860.000 MHz | 1.000 GHz | 100.000 kHz | 943.42657 MHz | -63.72 dBm | -50.72 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.64859 GHz | -44.33 dBm | -31.33 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.85577 GHz | -48.44 dBm | -35.44 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 8.00500 GHz | -52.02 dBm | -39.02 dB |

Date: 21.MAR.2017 15:46:44

## LTE Band 5 / 3MHz

### Middle Channel / QPSK

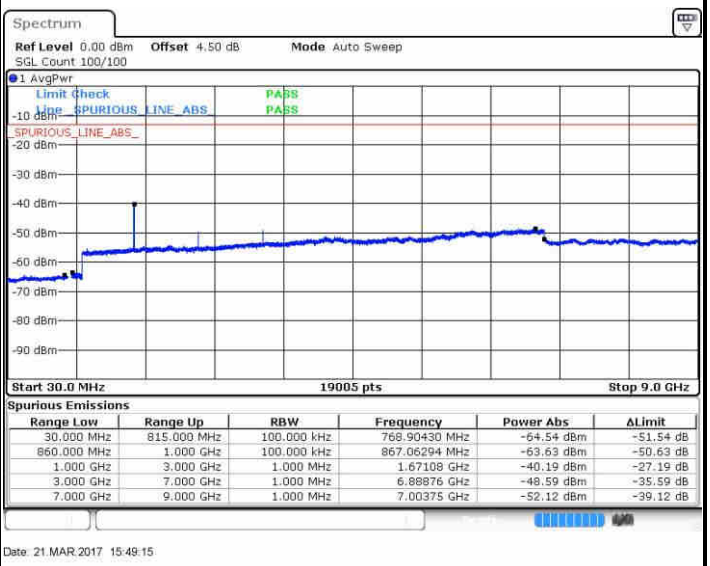



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 815.000 MHz | 100.000 kHz | 790.48101 MHz | -64.28 dBm | -51.28 dB |
| 860.000 MHz | 1.000 GHz | 100.000 kHz | 959.09091 MHz | -63.41 dBm | -50.41 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.67108 GHz | -39.48 dBm | -26.48 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.86727 GHz | -48.68 dBm | -35.68 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.39965 GHz | -51.66 dBm | -38.66 dB |

Date: 21.MAR.2017 15:48:20

### Middle Channel / 16QAM

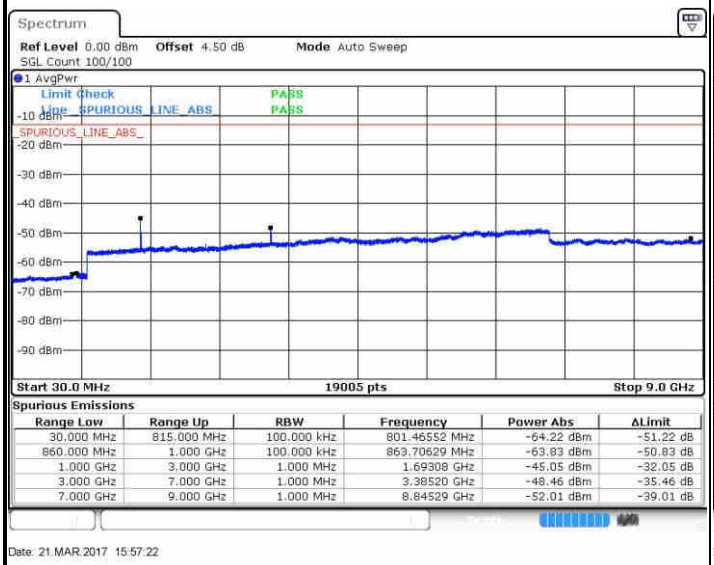



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 815.000 MHz | 100.000 kHz | 768.90430 MHz | -64.54 dBm | -51.54 dB |
| 860.000 MHz | 1.000 GHz | 100.000 kHz | 867.06294 MHz | -63.63 dBm | -50.63 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.67108 GHz | -40.19 dBm | -27.19 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.88876 GHz | -48.59 dBm | -35.59 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.00375 GHz | -52.12 dBm | -39.12 dB |

Date: 21.MAR.2017 15:49:15

### Highest Channel / QPSK

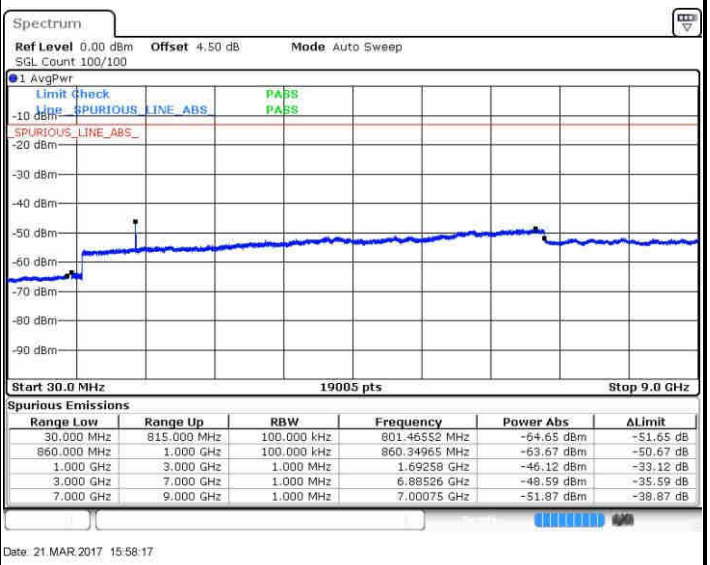



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 815.000 MHz | 100.000 kHz | 801.46552 MHz | -64.22 dBm | -51.22 dB |
| 860.000 MHz | 1.000 GHz | 100.000 kHz | 863.70629 MHz | -63.83 dBm | -50.83 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.69308 GHz | -45.05 dBm | -32.05 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 3.38520 GHz | -48.46 dBm | -35.46 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 8.84529 GHz | -52.01 dBm | -39.01 dB |

Date: 21.MAR.2017 15:57:22

### Highest Channel / 16QAM



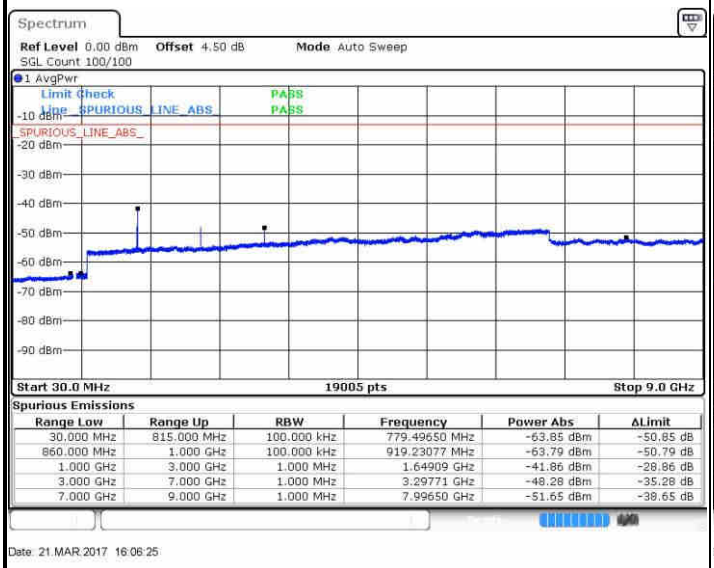

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 815.000 MHz | 100.000 kHz | 801.46552 MHz | -64.65 dBm | -51.65 dB |
| 860.000 MHz | 1.000 GHz | 100.000 kHz | 860.34965 MHz | -63.67 dBm | -50.67 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.69258 GHz | -46.12 dBm | -33.12 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.88526 GHz | -48.59 dBm | -35.59 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.00075 GHz | -51.87 dBm | -38.87 dB |

Date: 21.MAR.2017 15:58:17

## LTE Band 5 / 5MHz

### Lowest Channel / QPSK

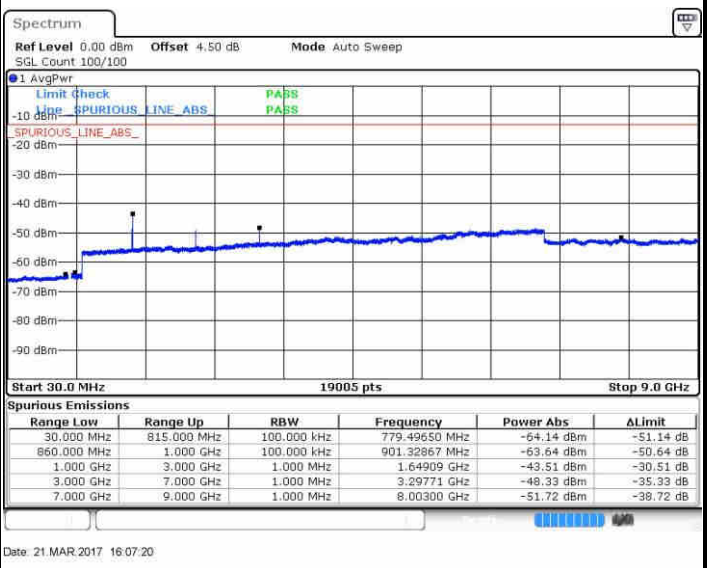



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 815.000 MHz | 100.000 kHz | 779.49650 MHz | -63.85 dBm | -50.85 dB |
| 860.000 MHz | 1.000 GHz | 100.000 kHz | 919.23077 MHz | -63.79 dBm | -50.79 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.64909 GHz | -41.86 dBm | -28.86 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 3.29771 GHz | -48.28 dBm | -35.28 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.99650 GHz | -51.65 dBm | -38.65 dB |

Date: 21.MAR.2017 16:06:25

### Lowest Channel / 16QAM




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 815.000 MHz | 100.000 kHz | 779.49650 MHz | -64.14 dBm | -51.14 dB |
| 860.000 MHz | 1.000 GHz | 100.000 kHz | 901.32867 MHz | -63.64 dBm | -50.64 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.64909 GHz | -43.51 dBm | -30.51 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 3.29771 GHz | -48.33 dBm | -35.33 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 8.00300 GHz | -51.72 dBm | -38.72 dB |

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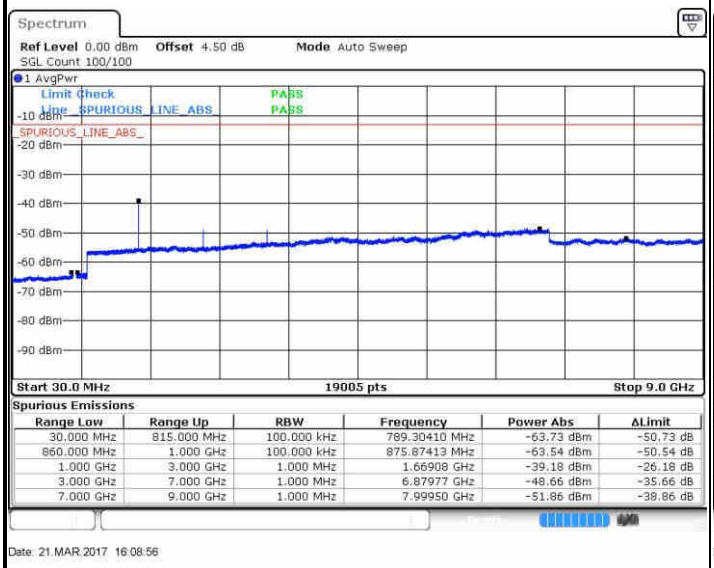
### Middle Channel / QPSK




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 815.000 MHz | 100.000 kHz | 789.30410 MHz | -63.73 dBm | -50.73 dB |
| 860.000 MHz | 1.000 GHz | 100.000 kHz | 875.87413 MHz | -63.54 dBm | -50.54 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.66908 GHz | -39.18 dBm | -26.18 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.87977 GHz | -48.66 dBm | -35.66 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.99950 GHz | -51.86 dBm | -38.86 dB |

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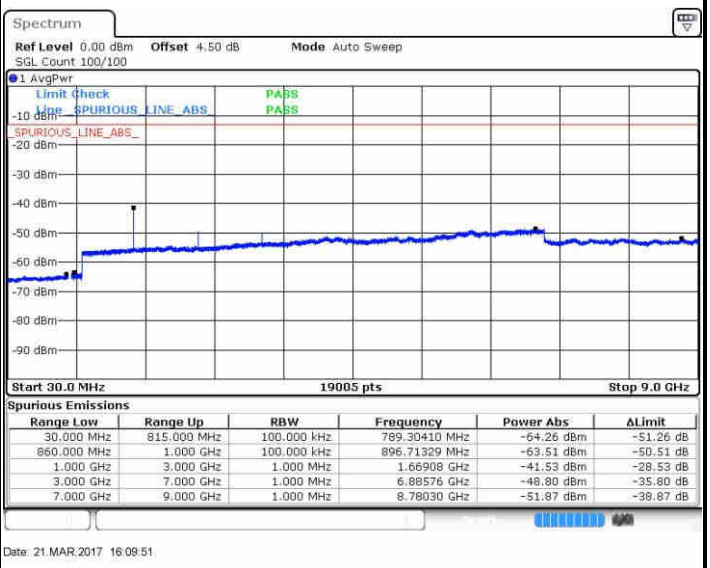
### Middle Channel / 16QAM




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 815.000 MHz | 100.000 kHz | 789.30410 MHz | -64.26 dBm | -51.26 dB |
| 860.000 MHz | 1.000 GHz | 100.000 kHz | 896.71329 MHz | -63.51 dBm | -50.51 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.66908 GHz | -41.53 dBm | -28.53 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.88576 GHz | -48.80 dBm | -35.80 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 8.78030 GHz | -51.87 dBm | -38.87 dB |

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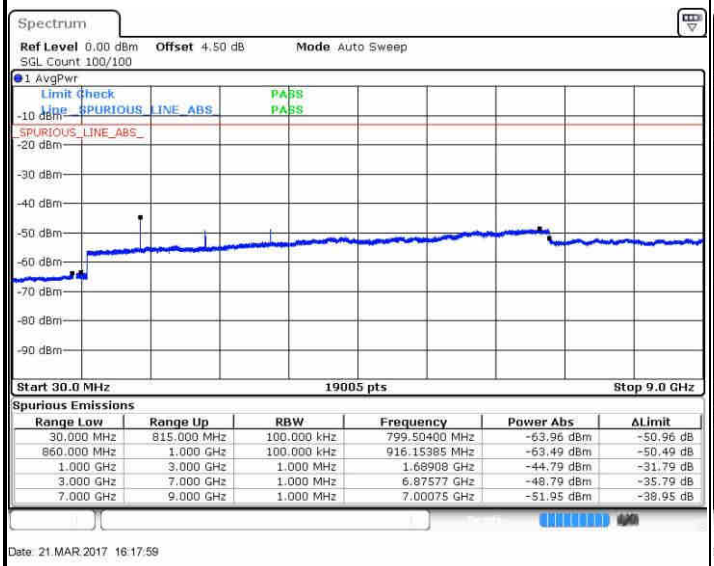
## LTE Band 5 / 5MHz

### Highest Channel / QPSK




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 815.000 MHz | 100.000 kHz | 799.50400 MHz | -63.96 dBm | -50.96 dB |
| 860.000 MHz | 1.000 GHz | 100.000 kHz | 916.15385 MHz | -63.49 dBm | -50.49 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.68908 GHz | -44.79 dBm | -31.79 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.87577 GHz | -48.79 dBm | -35.79 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.00075 GHz | -51.95 dBm | -38.95 dB |

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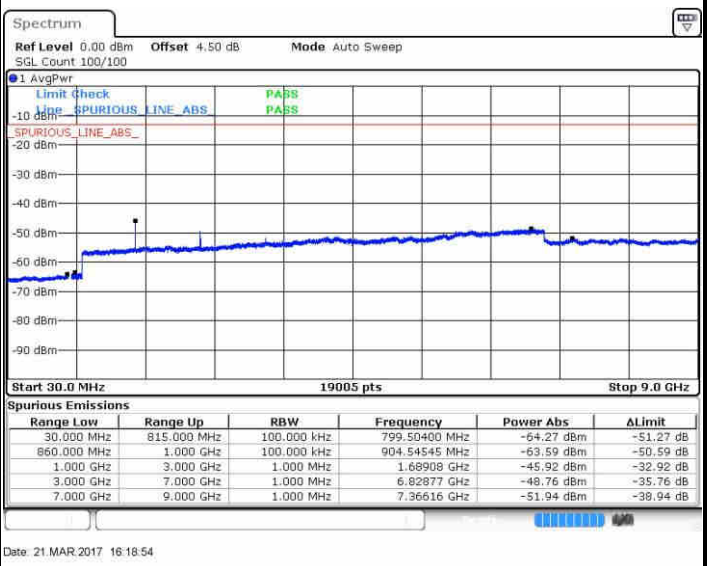
### Highest Channel / 16QAM




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 815.000 MHz | 100.000 kHz | 799.50400 MHz | -64.27 dBm | -51.27 dB |
| 860.000 MHz | 1.000 GHz | 100.000 kHz | 904.54545 MHz | -63.59 dBm | -50.59 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.68908 GHz | -45.92 dBm | -32.92 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.82877 GHz | -48.76 dBm | -35.76 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.36616 GHz | -51.94 dBm | -38.94 dB |

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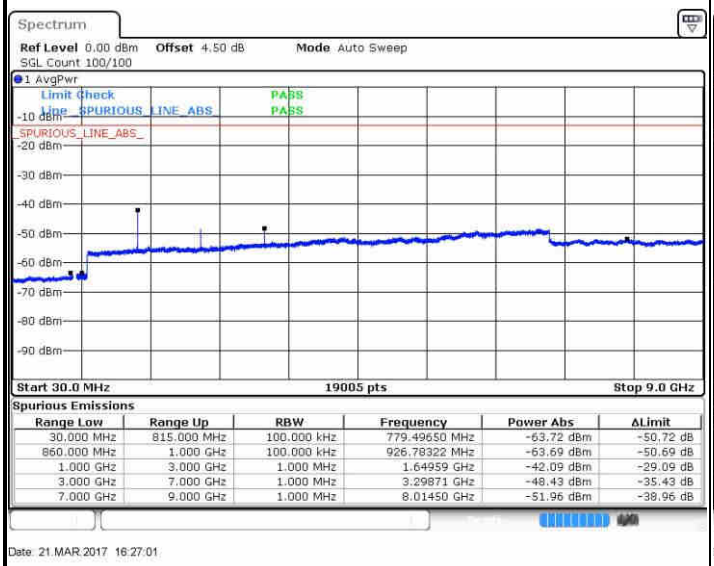
## LTE Band 5 / 10MHz

### Lowest Channel / QPSK




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 815.000 MHz | 100.000 kHz | 779.49650 MHz | -63.72 dBm | -50.72 dB |
| 860.000 MHz | 1.000 GHz | 100.000 kHz | 926.78322 MHz | -63.69 dBm | -50.69 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.64959 GHz | -42.09 dBm | -29.09 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 3.29871 GHz | -48.43 dBm | -35.43 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 8.01450 GHz | -51.96 dBm | -38.96 dB |

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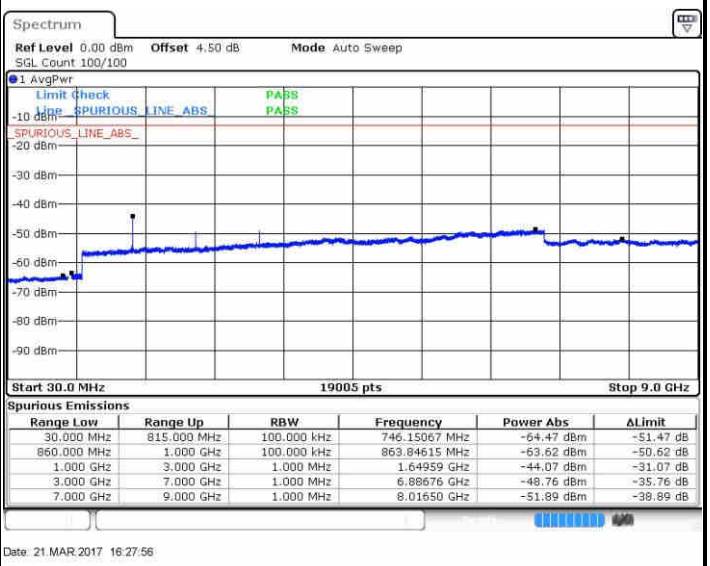
### Lowest Channel / 16QAM




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 815.000 MHz | 100.000 kHz | 746.15067 MHz | -64.47 dBm | -51.47 dB |
| 860.000 MHz | 1.000 GHz | 100.000 kHz | 863.84615 MHz | -63.62 dBm | -50.62 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.64959 GHz | -44.07 dBm | -31.07 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.88676 GHz | -48.76 dBm | -35.76 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 8.01650 GHz | -51.89 dBm | -38.89 dB |

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