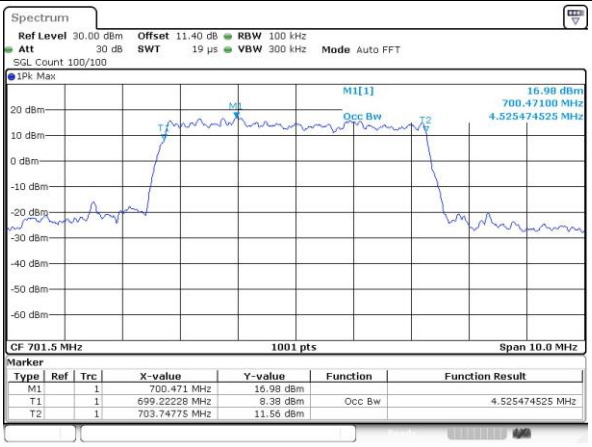
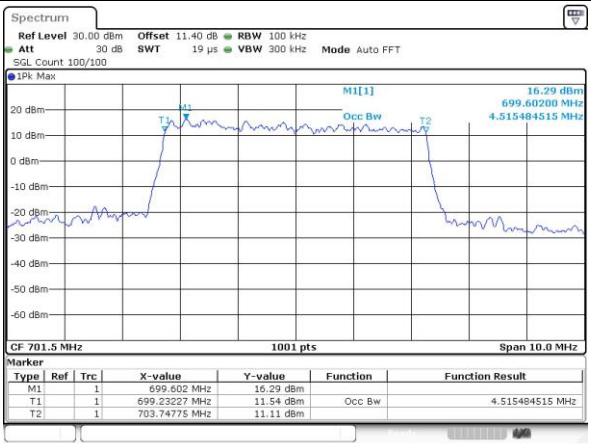
## LTE Band 12

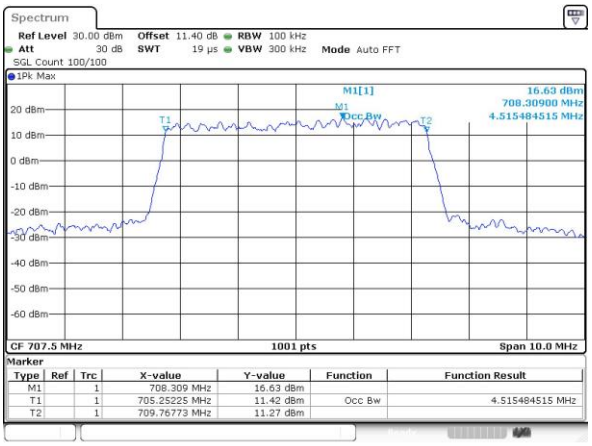
### Lowest Channel / 5MHz / QPSK



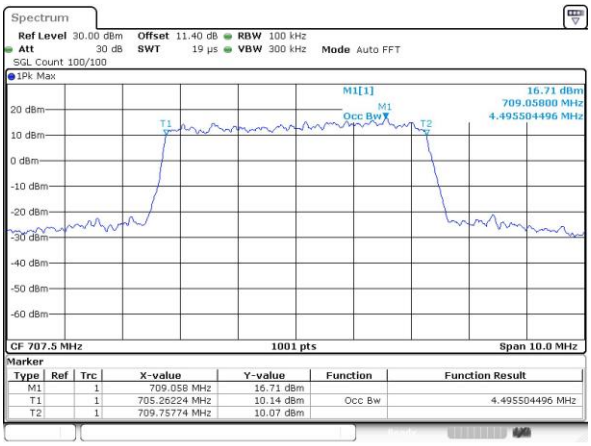

### Lowest Channel / 5MHz / 16QAM



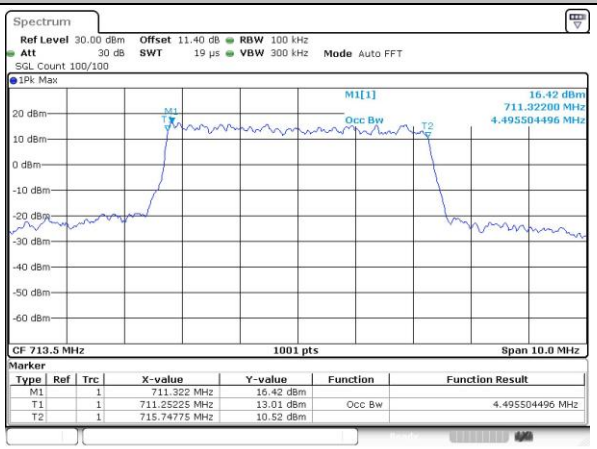

### Middle Channel / 5MHz / QPSK



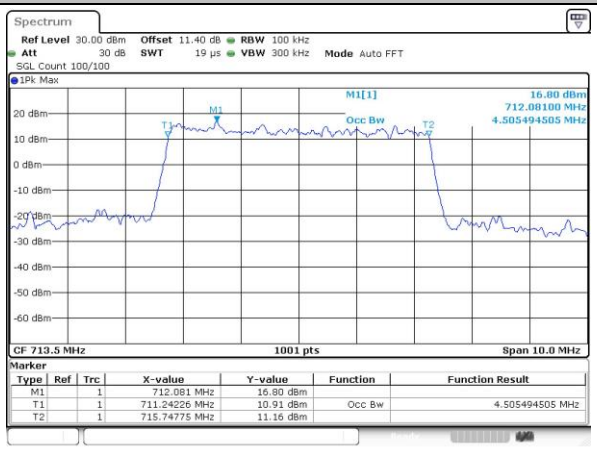

### Middle Channel / 5MHz / 16QAM




### Highest Channel / 5MHz / QPSK

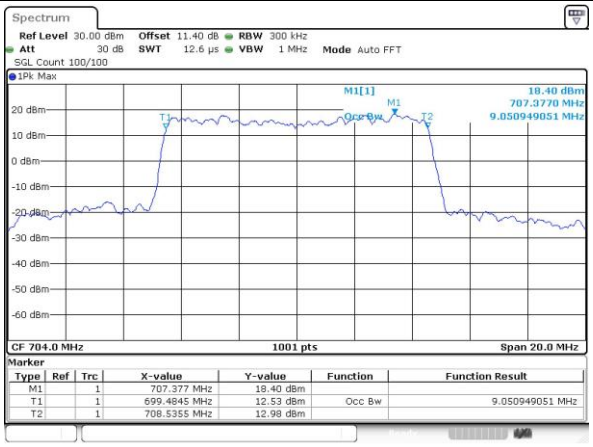



### Highest Channel / 5MHz / 16QAM

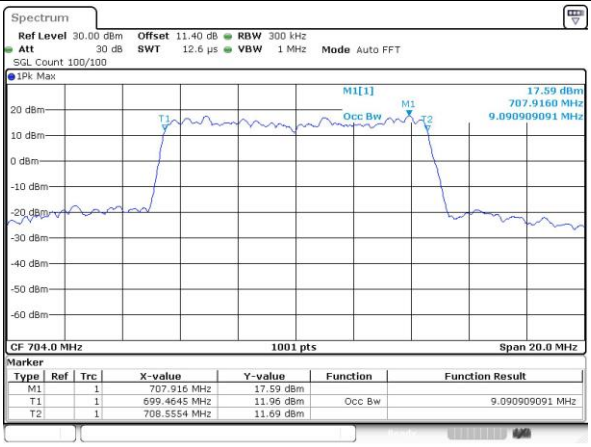


## LTE Band 12

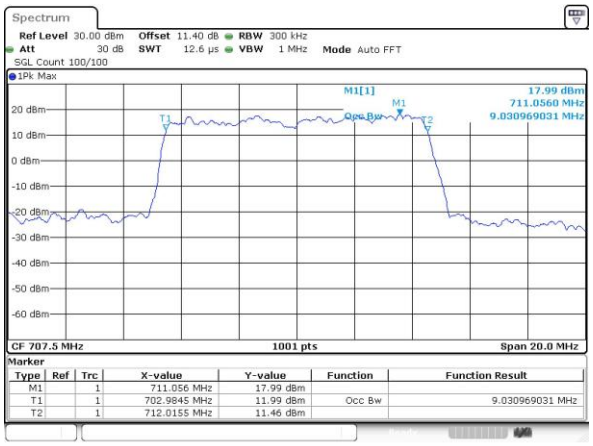
### Lowest Channel / 10MHz / QPSK



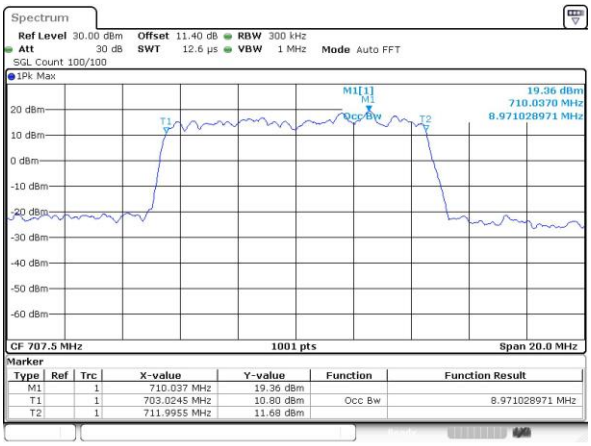

### Lowest Channel / 10MHz / 16QAM



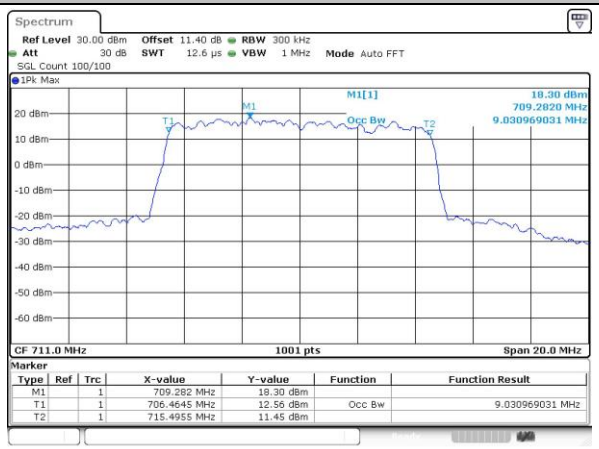

### Middle Channel / 10MHz / QPSK



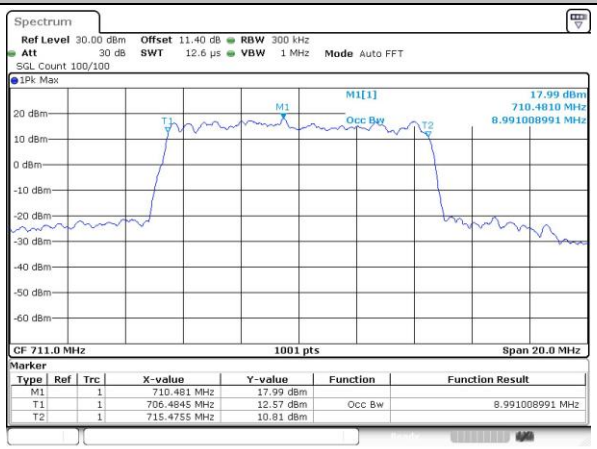

### Middle Channel / 10MHz / 16QAM




### Highest Channel / 10MHz / QPSK

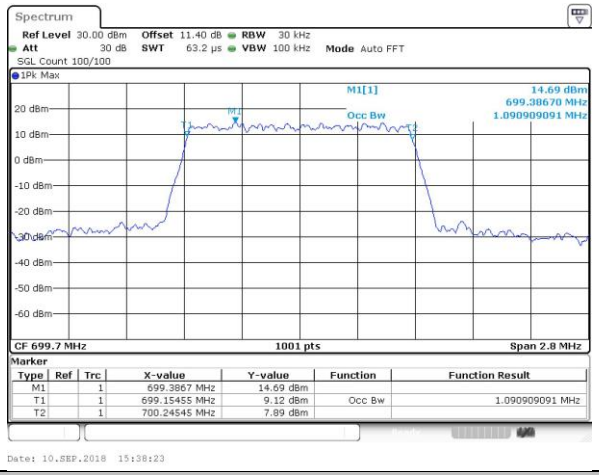



### Highest Channel / 10MHz / 16QAM

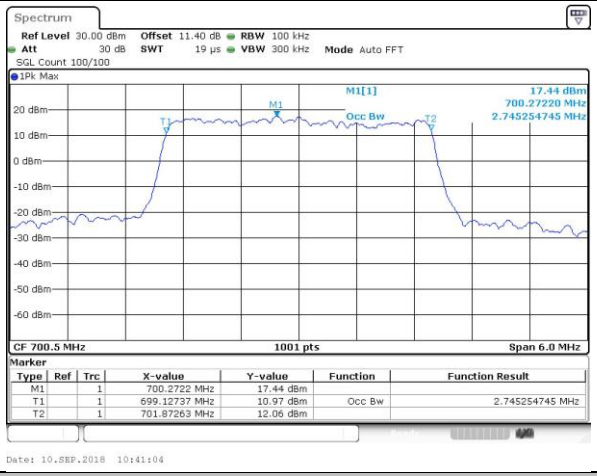


## LTE Band 12

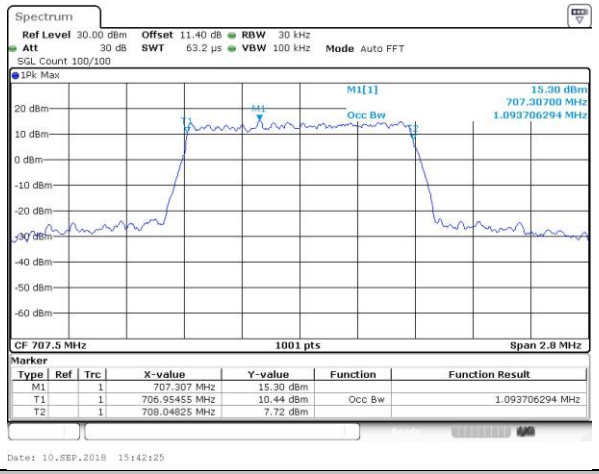
### Lowest Channel / 1.4MHz / 64QAM



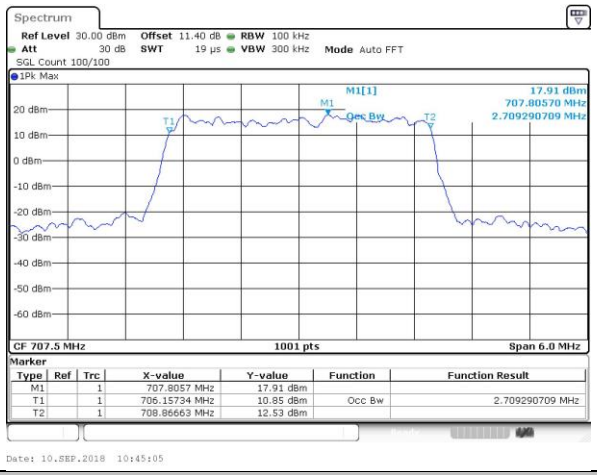

### Lowest Channel / 3MHz / 64QAM



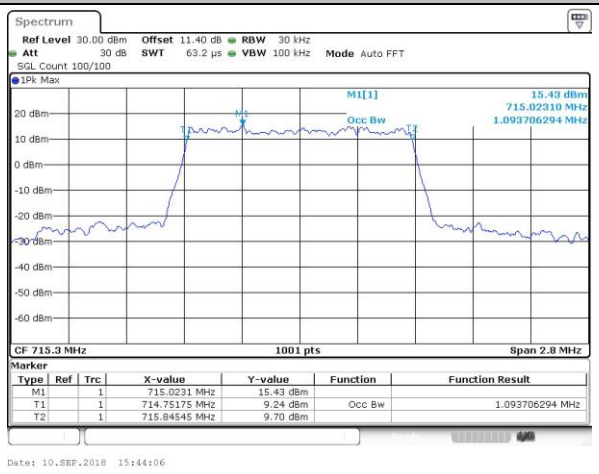

### Middle Channel / 1.4MHz / 64QAM



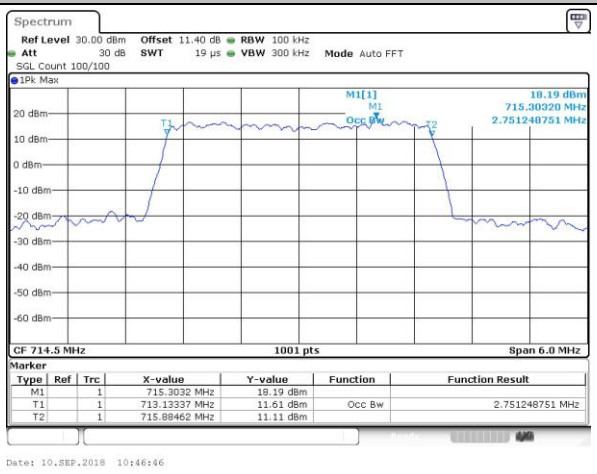

### Middle Channel / 3MHz / 64QAM




### Highest Channel / 1.4MHz / 64QAM

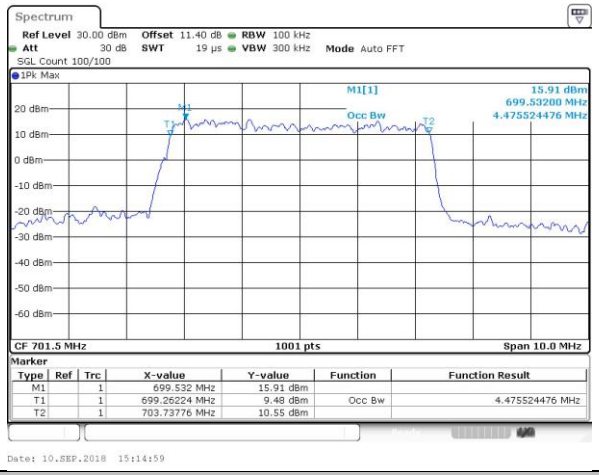



### Highest Channel / 3MHz / 64QAM

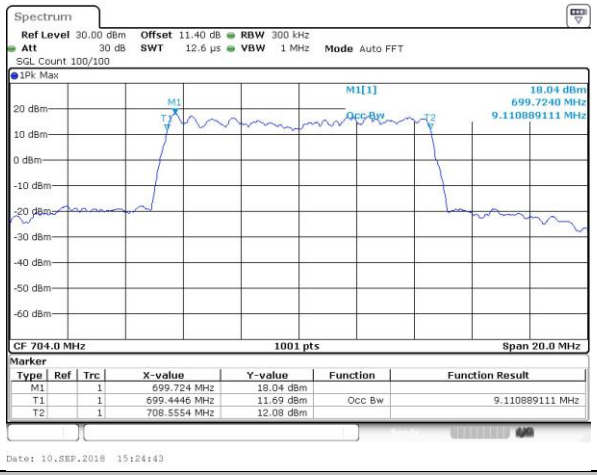


## LTE Band 12

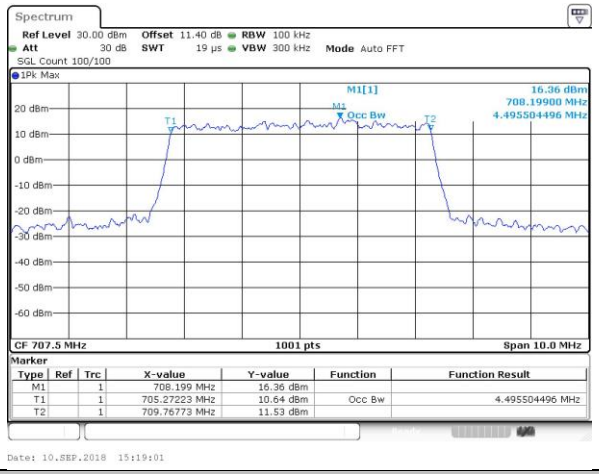
### Lowest Channel / 5MHz / 64QAM



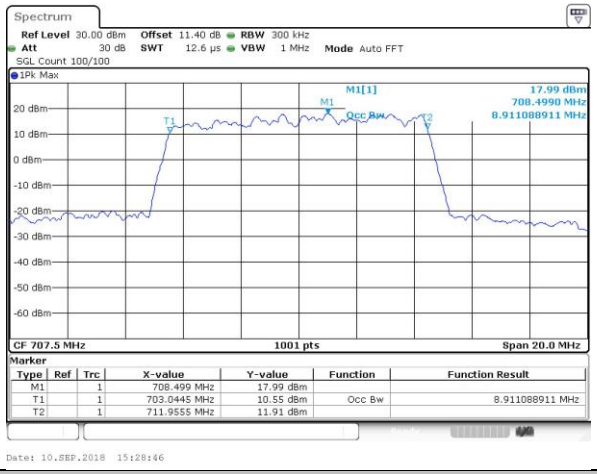

### Lowest Channel / 10MHz / 64QAM



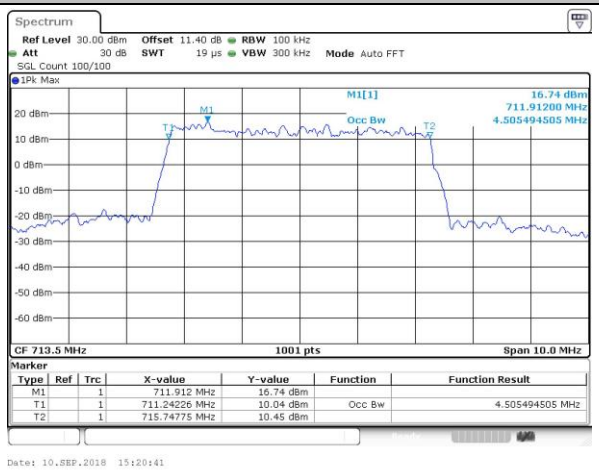

### Middle Channel / 5MHz / 64QAM



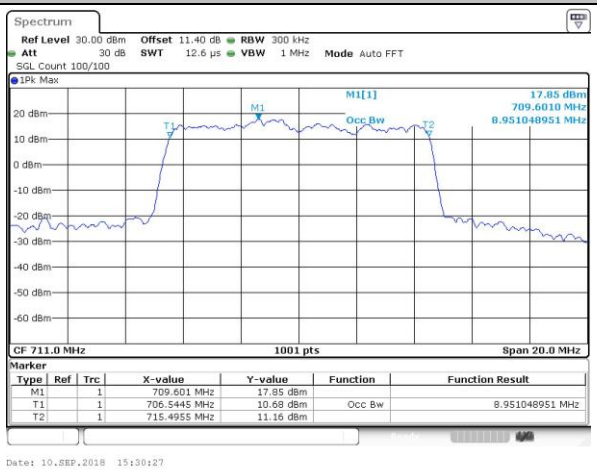

### Middle Channel / 10MHz / 64QAM




### Highest Channel / 5MHz / 64QAM



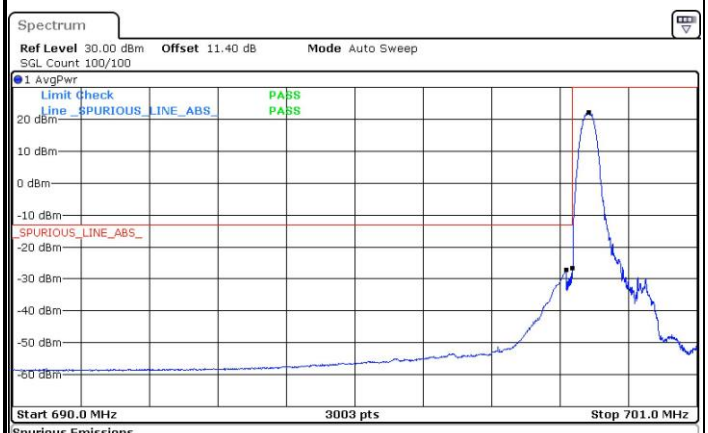

### Highest Channel / 10MHz / 64QAM



# Conducted Band Edge

## LTE Band 12 / 1.4MHz / QPSK

### Lowest Band Edge / 1 RB

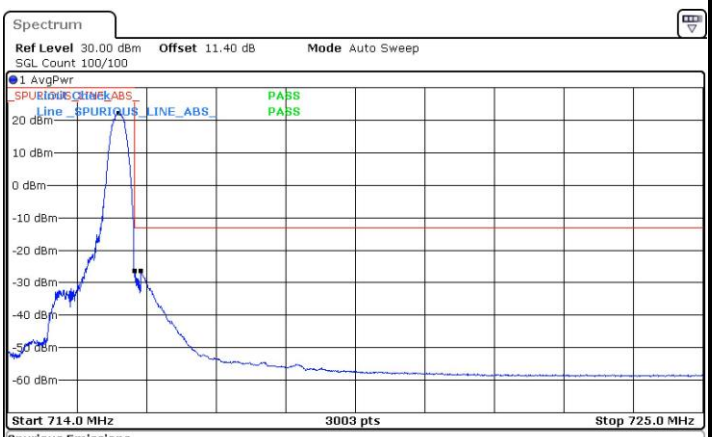



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 690.000 MHz | 698.900 MHz | 100.000 kHz | 698.89555 MHz | -27.12 dBm | -14.12 dB |
| 698.900 MHz | 699.000 MHz | 30.000 kHz | 698.99855 MHz | -26.73 dBm | -13.73 dB |
| 699.000 MHz | 701.000 MHz | 100.000 kHz | 699.26474 MHz | 22.03 dBm | -7.97 dB |

Date: 10.SEP.2018 10:26:56

### Highest Band Edge / 1RB

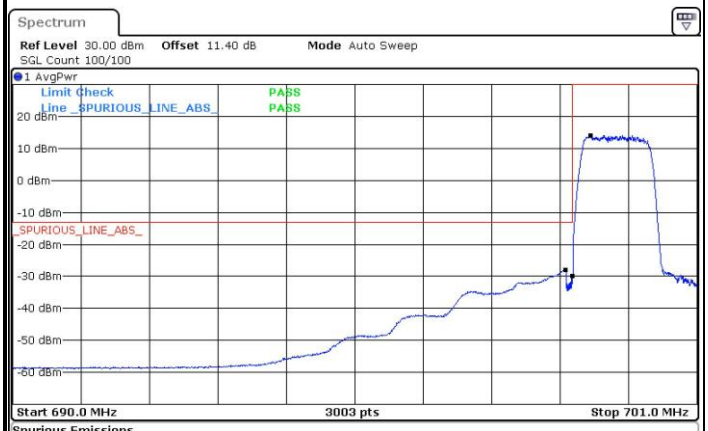



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 714.000 MHz | 716.000 MHz | 100.000 kHz | 715.75924 MHz | 22.22 dBm | -7.78 dB |
| 716.000 MHz | 716.100 MHz | 30.000 kHz | 716.00514 MHz | -26.33 dBm | -13.33 dB |
| 716.100 MHz | 725.000 MHz | 100.000 kHz | 716.10445 MHz | -26.47 dBm | -13.47 dB |

Date: 10.SEP.2018 10:38:22

### Lowest Band Edge / Full RB

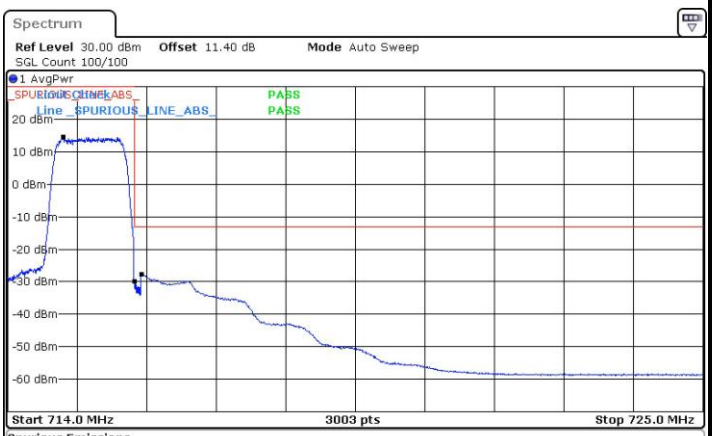



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 690.000 MHz | 698.900 MHz | 100.000 kHz | 698.88666 MHz | -28.07 dBm | -15.07 dB |
| 698.900 MHz | 699.000 MHz | 30.000 kHz | 698.99895 MHz | -29.87 dBm | -16.87 dB |
| 699.000 MHz | 701.000 MHz | 100.000 kHz | 699.28871 MHz | 14.11 dBm | -15.89 dB |

Date: 10.SEP.2018 10:23:24

### Highest Band Edge / Full RB



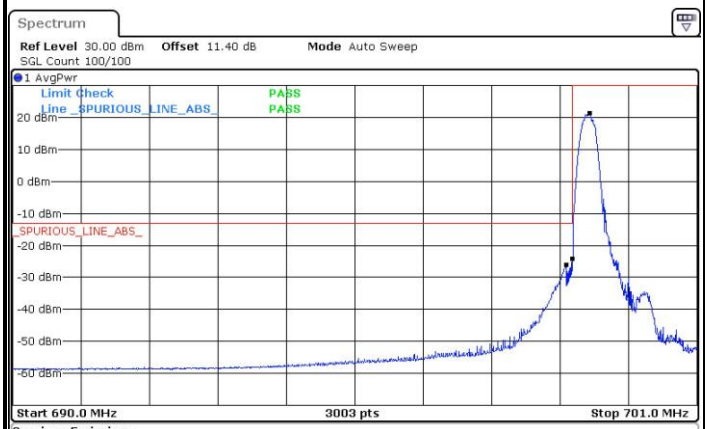

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 714.000 MHz | 716.000 MHz | 100.000 kHz | 714.88012 MHz | 14.62 dBm | -15.38 dB |
| 716.000 MHz | 716.100 MHz | 30.000 kHz | 716.00235 MHz | -29.97 dBm | -16.97 dB |
| 716.100 MHz | 725.000 MHz | 100.000 kHz | 716.12223 MHz | -27.81 dBm | -14.81 dB |

Date: 10.SEP.2018 10:34:50

## LTE Band 12 / 1.4MHz / 16QAM

### Lowest Band Edge / 1 RB

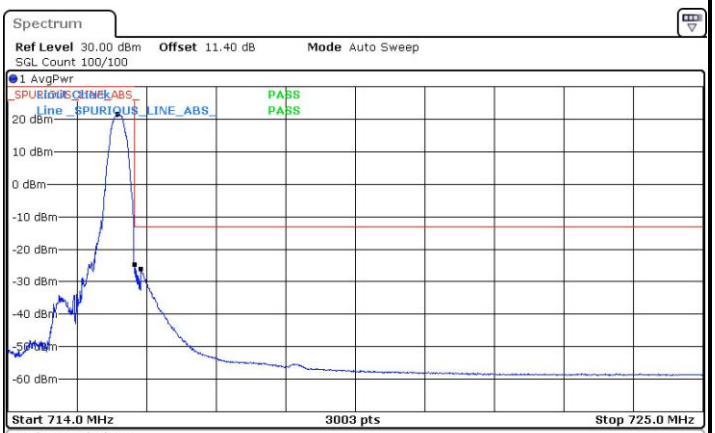



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 690.000 MHz | 698.900 MHz | 100.000 kHz | 698.89555 MHz | -25.97 dBm | -12.97 dB |
| 698.900 MHz | 699.000 MHz | 30.000 kHz | 698.99785 MHz | -24.22 dBm | -11.22 dB |
| 699.000 MHz | 701.000 MHz | 100.000 kHz | 699.27672 MHz | 21.31 dBm | -8.69 dB |

Date: 10.SEP.2018 10:25:45

### Highest Band Edge / 1 RB

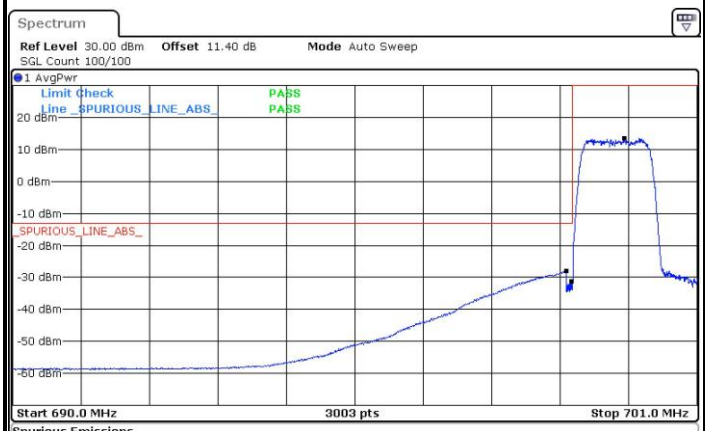



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 714.000 MHz | 716.000 MHz | 100.000 kHz | 715.74725 MHz | 21.69 dBm | -8.31 dB |
| 716.000 MHz | 716.100 MHz | 30.000 kHz | 716.00405 MHz | -24.63 dBm | -11.63 dB |
| 716.100 MHz | 725.000 MHz | 100.000 kHz | 716.10445 MHz | -26.14 dBm | -13.14 dB |

Date: 10.SEP.2018 10:37:11

### Lowest Band Edge / Full RB

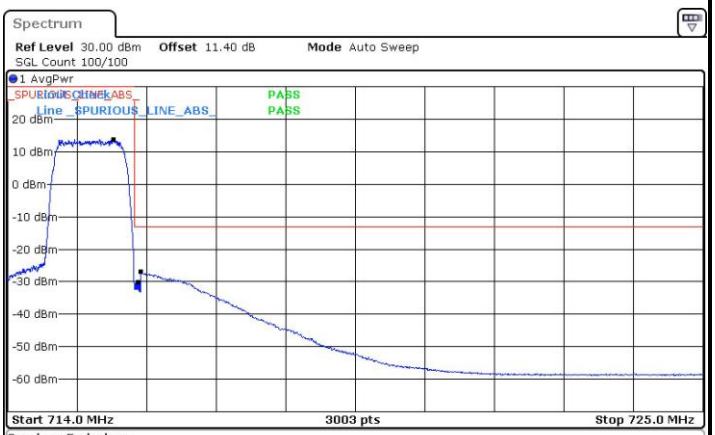



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 690.000 MHz | 698.900 MHz | 100.000 kHz | 698.89555 MHz | -28.00 dBm | -15.00 dB |
| 698.900 MHz | 699.000 MHz | 30.000 kHz | 698.97418 MHz | -31.34 dBm | -18.34 dB |
| 699.000 MHz | 701.000 MHz | 100.000 kHz | 699.82418 MHz | 13.39 dBm | -16.61 dB |

Date: 10.SEP.2018 10:24:35

### Highest Band Edge / Full RB



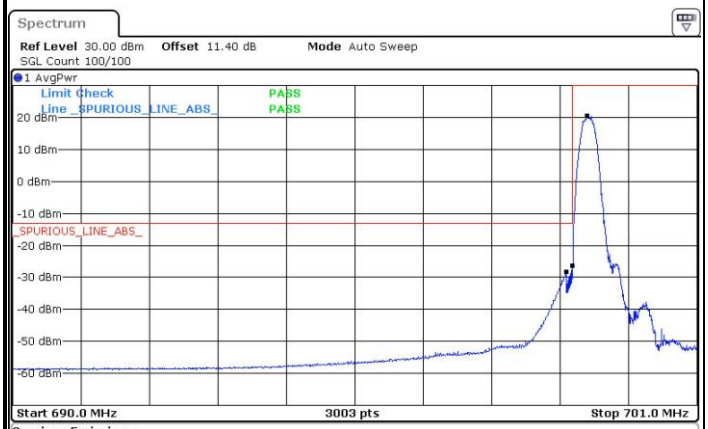

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 714.000 MHz | 716.000 MHz | 100.000 kHz | 715.66733 MHz | 13.83 dBm | -16.17 dB |
| 716.000 MHz | 716.100 MHz | 30.000 kHz | 716.06399 MHz | -30.11 dBm | -17.11 dB |
| 716.100 MHz | 725.000 MHz | 100.000 kHz | 716.10445 MHz | -26.88 dBm | -13.88 dB |

Date: 10.SEP.2018 10:36:00

## LTE Band 12 / 1.4MHz / 64QAM

### Lowest Band Edge / 1 RB

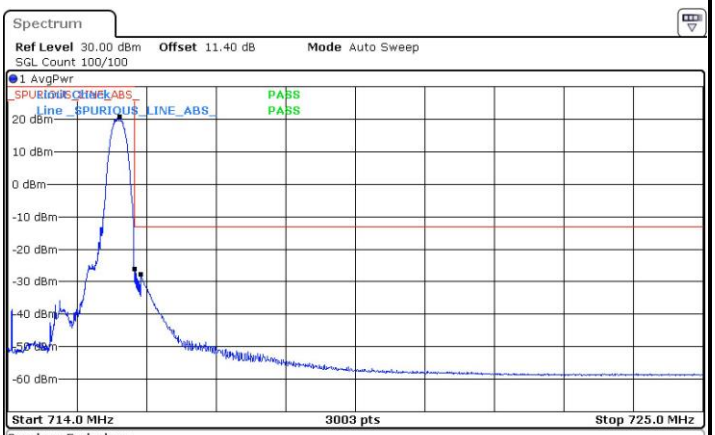



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 690.000 MHz | 698.900 MHz | 100.000 kHz | 698.89555 MHz | -28.33 dBm | -15.33 dB |
| 698.900 MHz | 699.000 MHz | 30.000 kHz | 698.99346 MHz | -26.31 dBm | -13.31 dB |
| 699.000 MHz | 701.000 MHz | 100.000 kHz | 699.23277 MHz | 20.44 dBm | -9.56 dB |

Date: 10.SEP.2018 15:40:58

### Highest Band Edge / 1 RB

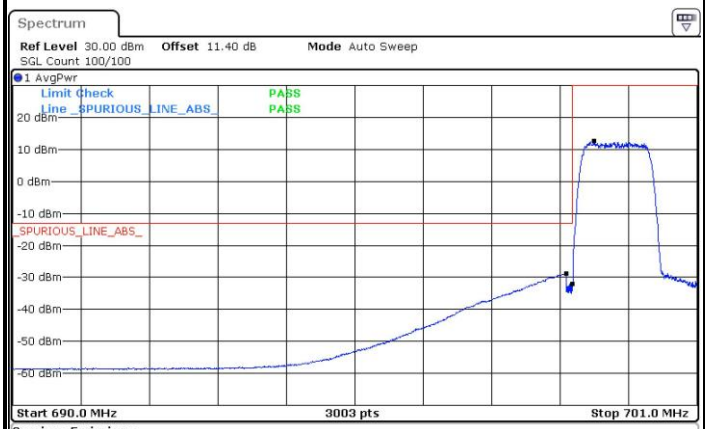



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 714.000 MHz | 716.000 MHz | 100.000 kHz | 715.76523 MHz | 20.74 dBm | -9.26 dB |
| 716.000 MHz | 716.100 MHz | 30.000 kHz | 716.00475 MHz | -26.13 dBm | -13.13 dB |
| 716.100 MHz | 725.000 MHz | 100.000 kHz | 716.10445 MHz | -27.59 dBm | -14.59 dB |

Date: 10.SEP.2018 15:46:40

### Lowest Band Edge / Full RB

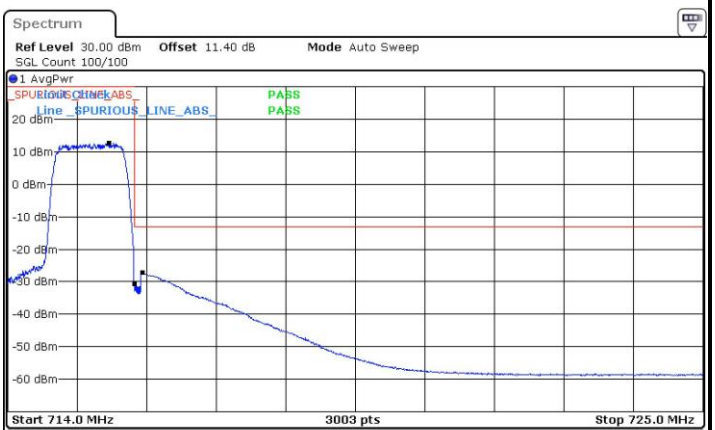



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 690.000 MHz | 698.900 MHz | 100.000 kHz | 698.89555 MHz | -28.71 dBm | -15.71 dB |
| 698.900 MHz | 699.000 MHz | 30.000 kHz | 698.99236 MHz | -32.01 dBm | -19.01 dB |
| 699.000 MHz | 701.000 MHz | 100.000 kHz | 699.34266 MHz | 12.54 dBm | -17.46 dB |

Date: 10.SEP.2018 15:39:47

### Highest Band Edge / Full RB



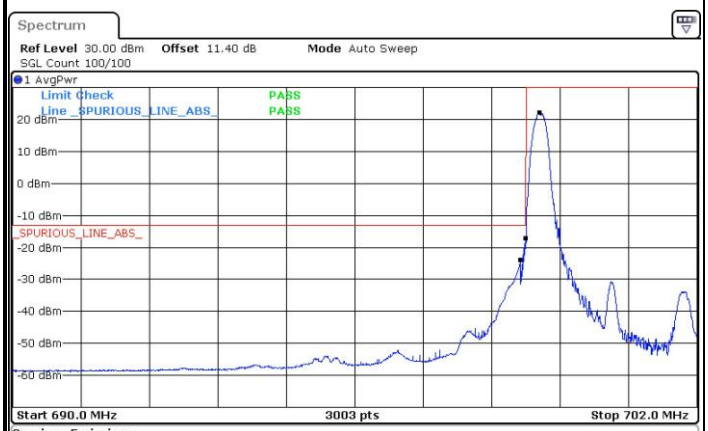

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 714.000 MHz | 716.000 MHz | 100.000 kHz | 715.60140 MHz | 12.60 dBm | -17.40 dB |
| 716.000 MHz | 716.100 MHz | 30.000 kHz | 716.00365 MHz | -30.70 dBm | -17.70 dB |
| 716.100 MHz | 725.000 MHz | 100.000 kHz | 716.13112 MHz | -27.22 dBm | -14.22 dB |

Date: 10.SEP.2018 15:45:30

## LTE Band 12 / 3MHz / QPSK

### Lowest Band Edge / 1RB

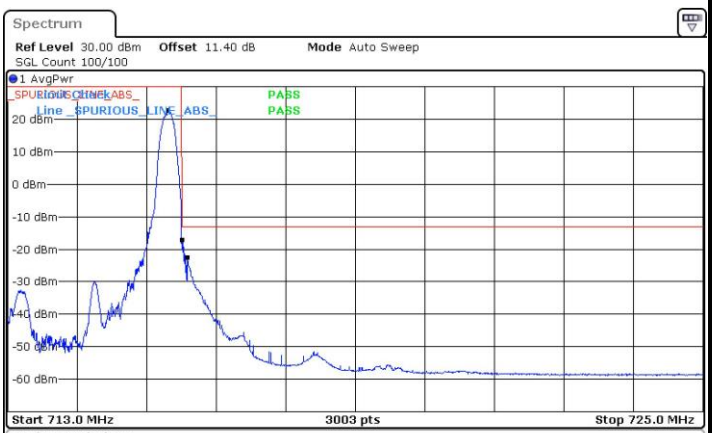



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 690.000 MHz | 698.900 MHz | 100.000 kHz | 698.89555 MHz | -24.01 dBm | -11.01 dB |
| 698.900 MHz | 699.000 MHz | 30.000 kHz | 698.99765 MHz | -17.08 dBm | -4.08 dB |
| 699.000 MHz | 702.000 MHz | 100.000 kHz | 699.23227 MHz | 22.27 dBm | -7.73 dB |

Date: 10.SEP.2018 09:07:52

### Highest Band Edge / 1 RB

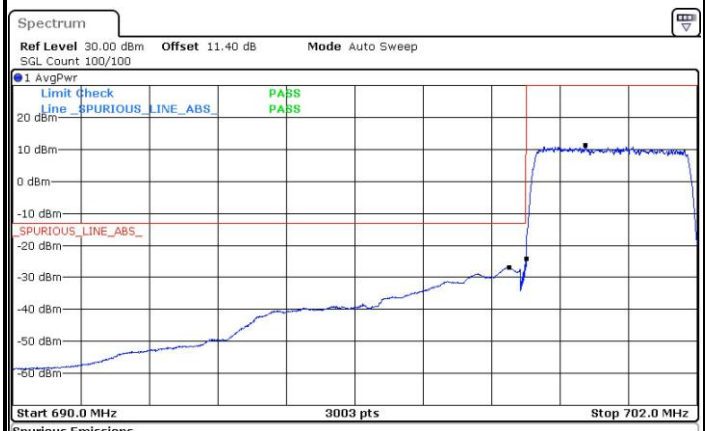



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 713.000 MHz | 716.000 MHz | 100.000 kHz | 715.76174 MHz | 22.56 dBm | -7.44 dB |
| 716.000 MHz | 716.100 MHz | 30.000 kHz | 716.00125 MHz | -17.25 dBm | -4.25 dB |
| 716.100 MHz | 725.000 MHz | 100.000 kHz | 716.10445 MHz | -22.70 dBm | -9.70 dB |

Date: 10.SEP.2018 09:17:56

### Lowest Band Edge / Full RB

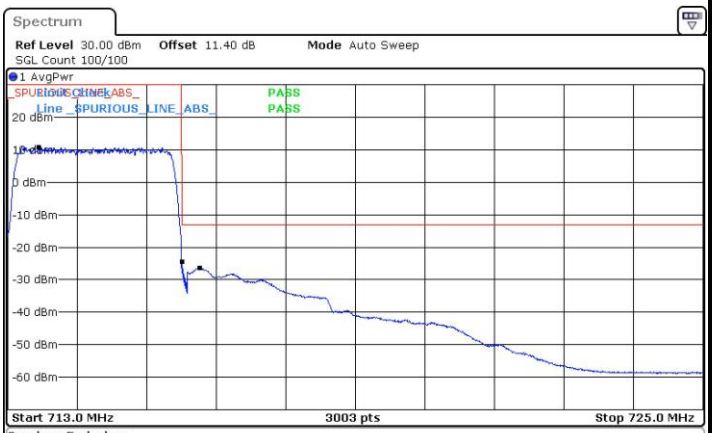



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 690.000 MHz | 698.900 MHz | 100.000 kHz | 698.70884 MHz | -26.84 dBm | -13.84 dB |
| 698.900 MHz | 699.000 MHz | 30.000 kHz | 698.99985 MHz | -24.32 dBm | -11.32 dB |
| 699.000 MHz | 702.000 MHz | 100.000 kHz | 700.04446 MHz | 11.34 dBm | -18.66 dB |

Date: 10.SEP.2018 09:04:19

### Highest Band Edge / Full RB



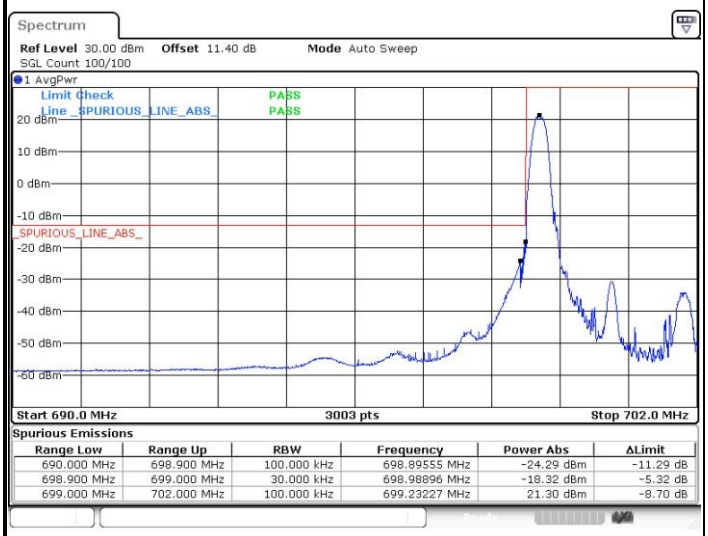

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 713.000 MHz | 716.000 MHz | 100.000 kHz | 713.53796 MHz | 10.77 dBm | -19.23 dB |
| 716.000 MHz | 716.100 MHz | 30.000 kHz | 716.00135 MHz | -24.60 dBm | -11.60 dB |
| 716.100 MHz | 725.000 MHz | 100.000 kHz | 716.30894 MHz | -26.50 dBm | -13.50 dB |

Date: 10.SEP.2018 09:14:23

## LTE Band 12 / 3MHz / 16QAM

### Lowest Band Edge / 1 RB

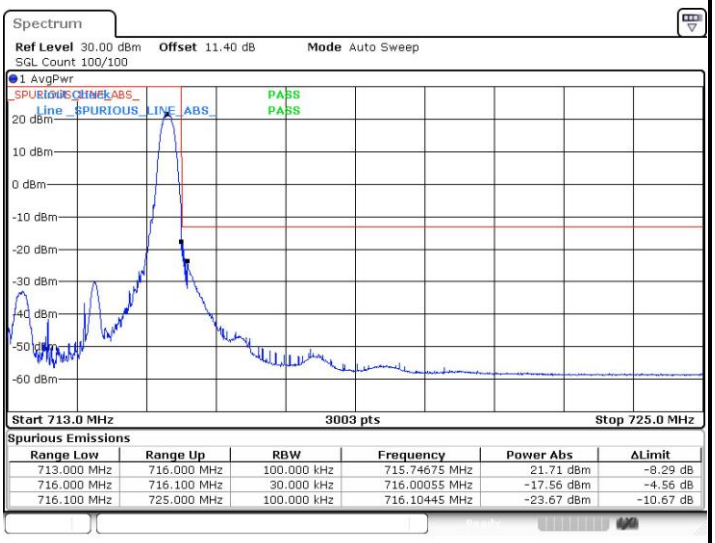



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 690.000 MHz | 698.900 MHz | 100.000 kHz | 698.89555 MHz | -24.29 dBm | -11.29 dB |
| 698.900 MHz | 699.000 MHz | 30.000 kHz | 698.98896 MHz | -18.32 dBm | -5.32 dB |
| 699.000 MHz | 702.000 MHz | 100.000 kHz | 699.23227 MHz | 21.30 dBm | -8.70 dB |

Date: 10.SEP.2018 09:06:41

### Highest Band Edge / 1 RB

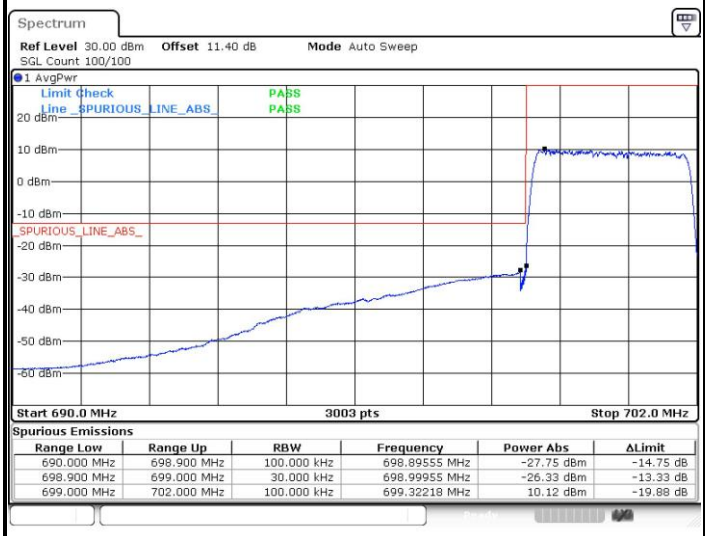



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 713.000 MHz | 716.000 MHz | 100.000 kHz | 715.74675 MHz | 21.71 dBm | -8.29 dB |
| 716.000 MHz | 716.100 MHz | 30.000 kHz | 716.00055 MHz | -17.56 dBm | -4.56 dB |
| 716.100 MHz | 725.000 MHz | 100.000 kHz | 716.10445 MHz | -23.67 dBm | -10.67 dB |

Date: 10.SEP.2018 09:16:45

### Lowest Band Edge / Full RB

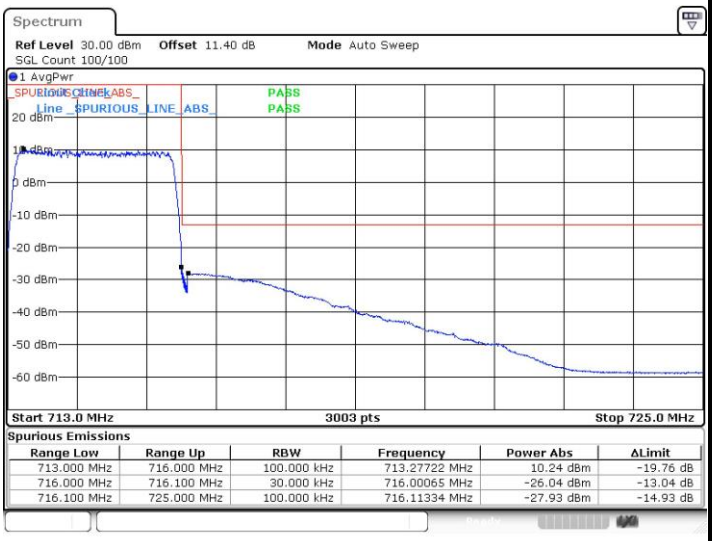



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 690.000 MHz | 698.900 MHz | 100.000 kHz | 698.89555 MHz | -27.75 dBm | -14.75 dB |
| 698.900 MHz | 699.000 MHz | 30.000 kHz | 698.99955 MHz | -26.33 dBm | -13.33 dB |
| 699.000 MHz | 702.000 MHz | 100.000 kHz | 699.32218 MHz | 10.12 dBm | -19.88 dB |

Date: 10.SEP.2018 09:05:30

### Highest Band Edge / Full RB



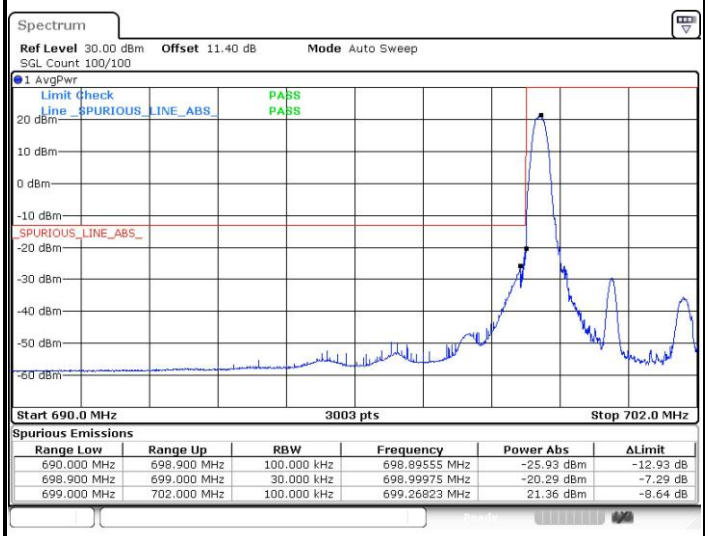

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 713.000 MHz | 716.000 MHz | 100.000 kHz | 713.27722 MHz | 10.24 dBm | -19.76 dB |
| 716.000 MHz | 716.100 MHz | 30.000 kHz | 716.00065 MHz | -26.04 dBm | -13.04 dB |
| 716.100 MHz | 725.000 MHz | 100.000 kHz | 716.11334 MHz | -27.93 dBm | -14.93 dB |

Date: 10.SEP.2018 09:15:34

## LTE Band 12 / 3MHz / 64QAM

### Lowest Band Edge / 1 RB

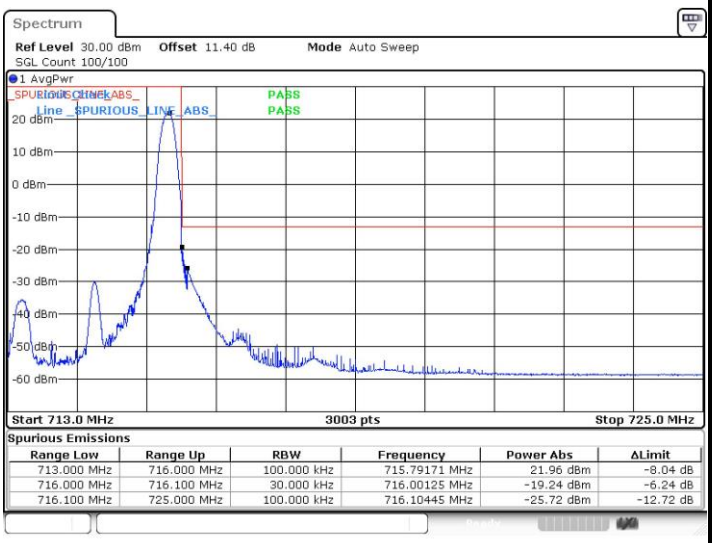



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 690.000 MHz | 698.900 MHz | 100.000 kHz | 698.89555 MHz | -25.93 dBm | -12.93 dB |
| 698.900 MHz | 699.000 MHz | 30.000 kHz | 698.99975 MHz | -20.29 dBm | -7.29 dB |
| 699.000 MHz | 702.000 MHz | 100.000 kHz | 699.26823 MHz | 21.36 dBm | -8.64 dB |

Date: 10.SEP.2018 10:43:38

### Highest Band Edge / 1 RB

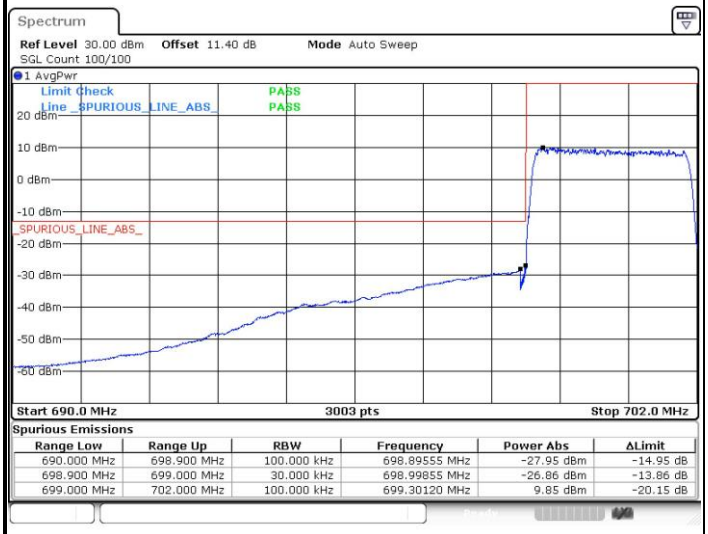



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 713.000 MHz | 716.000 MHz | 100.000 kHz | 715.79171 MHz | 21.96 dBm | -8.04 dB |
| 716.000 MHz | 716.100 MHz | 30.000 kHz | 716.00125 MHz | -19.24 dBm | -6.24 dB |
| 716.100 MHz | 725.000 MHz | 100.000 kHz | 716.10445 MHz | -25.72 dBm | -12.72 dB |

Date: 10.SEP.2018 10:49:20

### Lowest Band Edge / Full RB

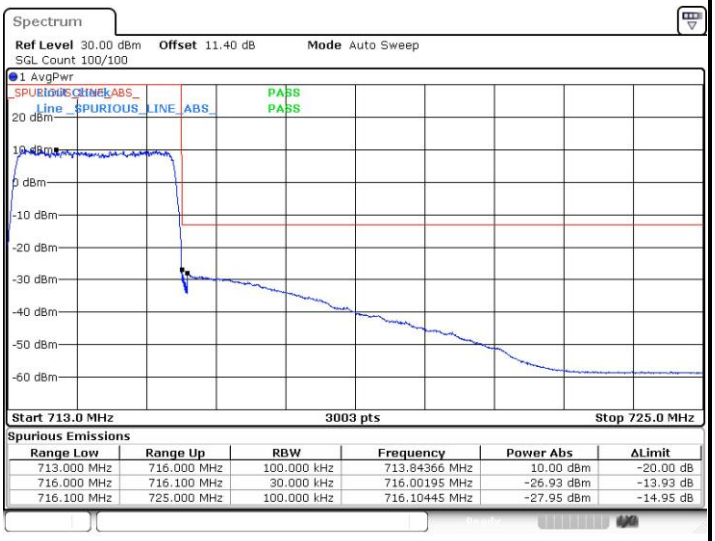



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 690.000 MHz | 698.900 MHz | 100.000 kHz | 698.89555 MHz | -27.95 dBm | -14.95 dB |
| 698.900 MHz | 699.000 MHz | 30.000 kHz | 698.99855 MHz | -26.86 dBm | -13.86 dB |
| 699.000 MHz | 702.000 MHz | 100.000 kHz | 699.30120 MHz | 9.85 dBm | -20.15 dB |

Date: 10.SEP.2018 10:42:27

### Highest Band Edge / Full RB



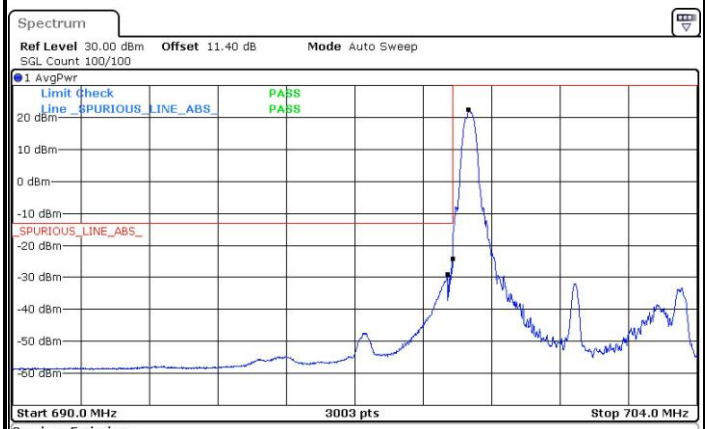

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 713.000 MHz | 716.000 MHz | 100.000 kHz | 713.84366 MHz | 10.00 dBm | -20.00 dB |
| 716.000 MHz | 716.100 MHz | 30.000 kHz | 716.00195 MHz | -26.93 dBm | -13.93 dB |
| 716.100 MHz | 725.000 MHz | 100.000 kHz | 716.10445 MHz | -27.95 dBm | -14.95 dB |

Date: 10.SEP.2018 10:48:10

## LTE Band 12 / 5MHz / QPSK

### Lowest Band Edge / 1 RB

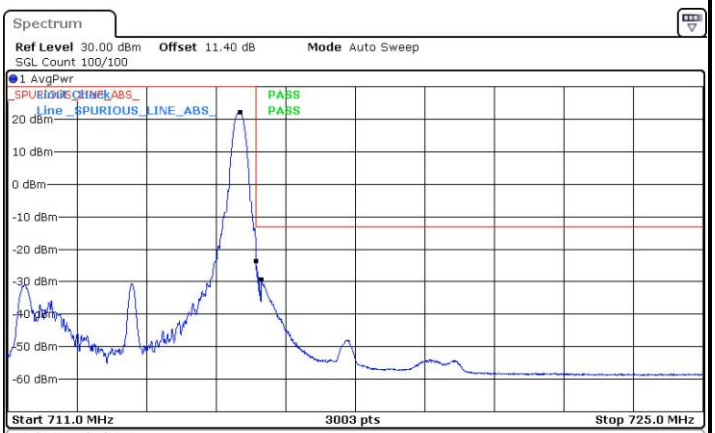



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 690.000 MHz | 698.900 MHz | 100.000 kHz | 698.89555 MHz | -29.01 dBm | -16.01 dB |
| 698.900 MHz | 699.000 MHz | 30.000 kHz | 698.99755 MHz | -24.13 dBm | -11.13 dB |
| 699.000 MHz | 704.000 MHz | 100.000 kHz | 699.32218 MHz | 22.30 dBm | -7.70 dB |

Date: 10.SEP.2018 09:25:19

### Highest Band Edge / 1 RB

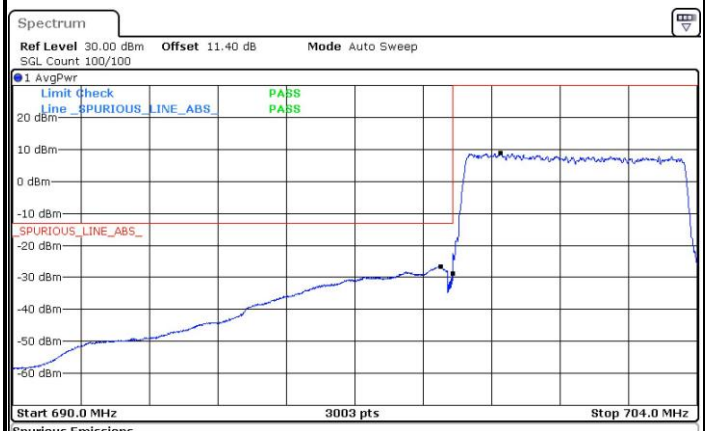



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 711.000 MHz | 716.000 MHz | 100.000 kHz | 715.67782 MHz | 22.26 dBm | -7.74 dB |
| 716.000 MHz | 716.100 MHz | 30.000 kHz | 716.00205 MHz | -23.70 dBm | -10.70 dB |
| 716.100 MHz | 725.000 MHz | 100.000 kHz | 716.10445 MHz | -29.28 dBm | -16.28 dB |

Date: 10.SEP.2018 09:34:13

### Lowest Band Edge / Full RB

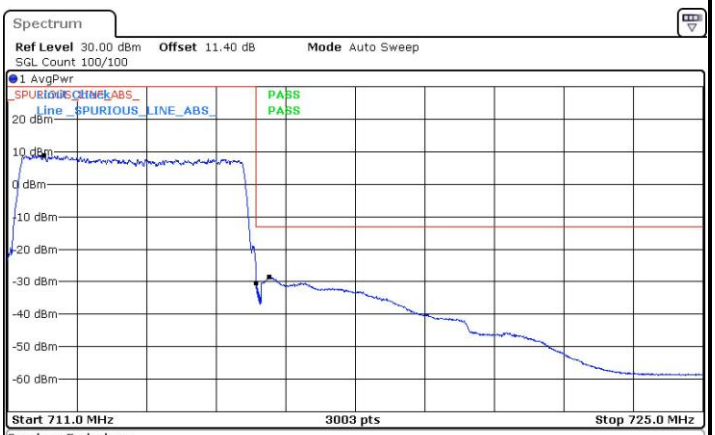



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 690.000 MHz | 698.900 MHz | 100.000 kHz | 698.75330 MHz | -26.55 dBm | -13.55 dB |
| 698.900 MHz | 699.000 MHz | 30.000 kHz | 698.99995 MHz | -28.79 dBm | -15.79 dB |
| 699.000 MHz | 704.000 MHz | 100.000 kHz | 699.98152 MHz | 8.76 dBm | -21.24 dB |

Date: 10.SEP.2018 09:21:46

### Highest Band Edge / Full RB



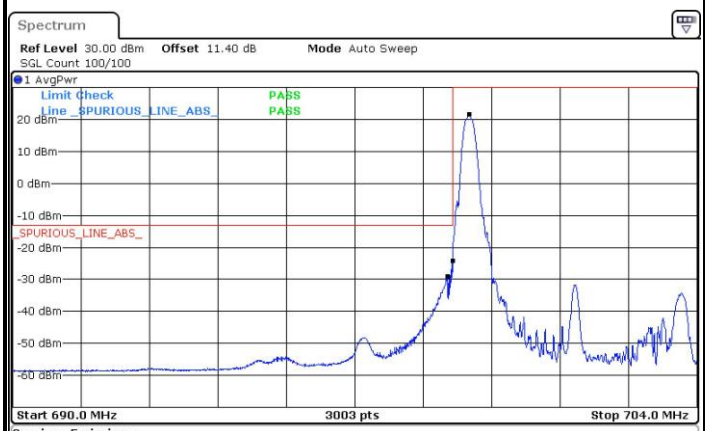

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 711.000 MHz | 716.000 MHz | 100.000 kHz | 711.73177 MHz | 8.94 dBm | -21.06 dB |
| 716.000 MHz | 716.100 MHz | 30.000 kHz | 716.00345 MHz | -30.41 dBm | -17.41 dB |
| 716.100 MHz | 725.000 MHz | 100.000 kHz | 716.25559 MHz | -28.60 dBm | -15.60 dB |

Date: 10.SEP.2018 09:31:52

## LTE Band 12 / 5MHz / 16QAM

### Lowest Band Edge / 1RB

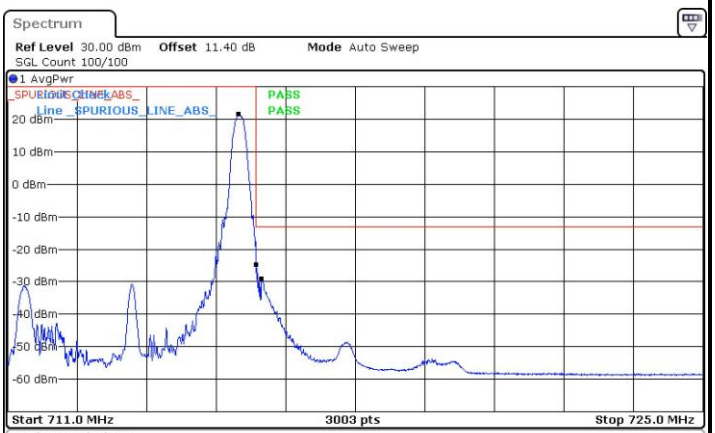



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 690.000 MHz | 698.900 MHz | 100.000 kHz | 698.89555 MHz | -29.15 dBm | -16.15 dB |
| 698.900 MHz | 699.000 MHz | 30.000 kHz | 698.99925 MHz | -24.13 dBm | -11.13 dB |
| 699.000 MHz | 704.000 MHz | 100.000 kHz | 699.33716 MHz | 21.52 dBm | -8.48 dB |

Date: 10.SEP.2018 09:24:08

### Highest Band Edge / 1 RB

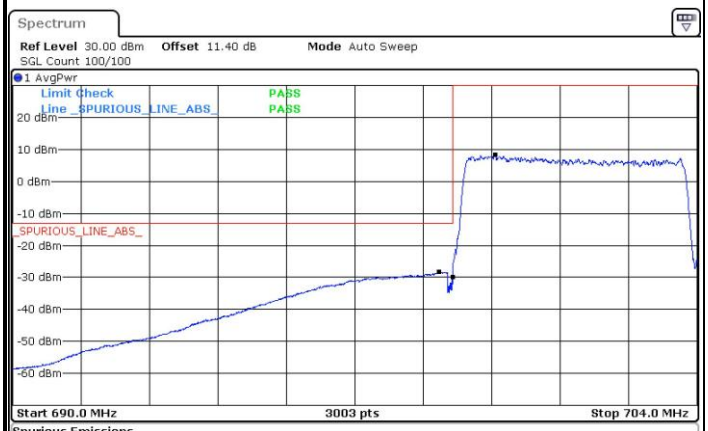



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 711.000 MHz | 716.000 MHz | 100.000 kHz | 715.64785 MHz | 21.54 dBm | -8.46 dB |
| 716.000 MHz | 716.100 MHz | 30.000 kHz | 716.00065 MHz | -24.88 dBm | -11.88 dB |
| 716.100 MHz | 725.000 MHz | 100.000 kHz | 716.10445 MHz | -28.96 dBm | -15.96 dB |

Date: 10.SEP.2018 09:35:24

### Lowest Band Edge / Full RB

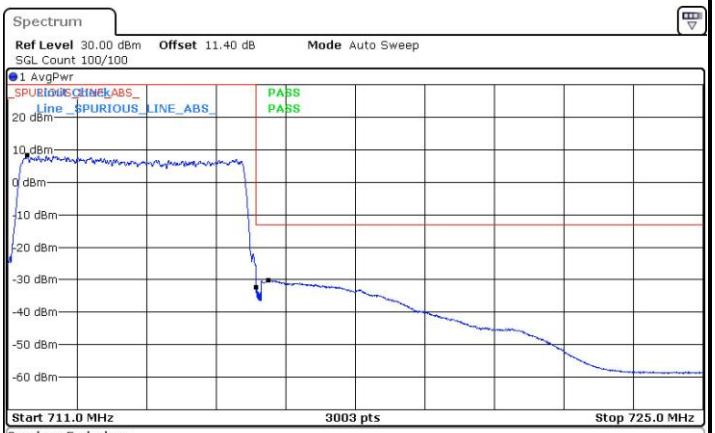



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 690.000 MHz | 698.900 MHz | 100.000 kHz | 698.72662 MHz | -28.30 dBm | -15.30 dB |
| 698.900 MHz | 699.000 MHz | 30.000 kHz | 698.99985 MHz | -29.91 dBm | -16.91 dB |
| 699.000 MHz | 704.000 MHz | 100.000 kHz | 699.86663 MHz | 8.30 dBm | -21.70 dB |

Date: 10.SEP.2018 09:22:57

### Highest Band Edge / Full RB



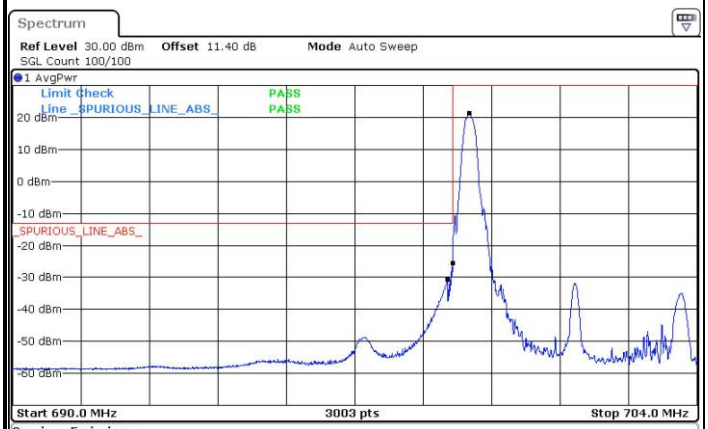

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 711.000 MHz | 716.000 MHz | 100.000 kHz | 711.39211 MHz | 8.28 dBm | -21.72 dB |
| 716.000 MHz | 716.100 MHz | 30.000 kHz | 716.00235 MHz | -32.20 dBm | -19.20 dB |
| 716.100 MHz | 725.000 MHz | 100.000 kHz | 716.23781 MHz | -30.29 dBm | -17.29 dB |

Date: 10.SEP.2018 09:33:03

## LTE Band 12 / 5MHz / 64QAM

### Lowest Band Edge / 1RB

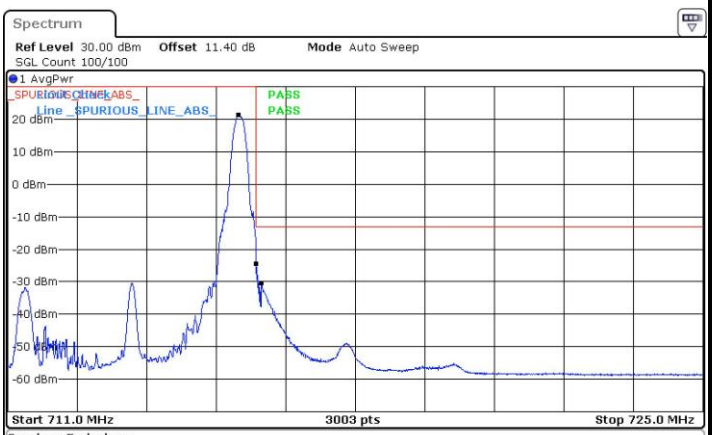



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 690.000 MHz | 698.900 MHz | 100.000 kHz | 698.89555 MHz | -30.78 dBm | -17.78 dB |
| 698.900 MHz | 699.000 MHz | 30.000 kHz | 698.99935 MHz | -25.56 dBm | -12.56 dB |
| 699.000 MHz | 704.000 MHz | 100.000 kHz | 699.34715 MHz | 21.32 dBm | -8.68 dB |

Date: 10.SEP.2018 15:17:33

### Highest Band Edge / 1 RB

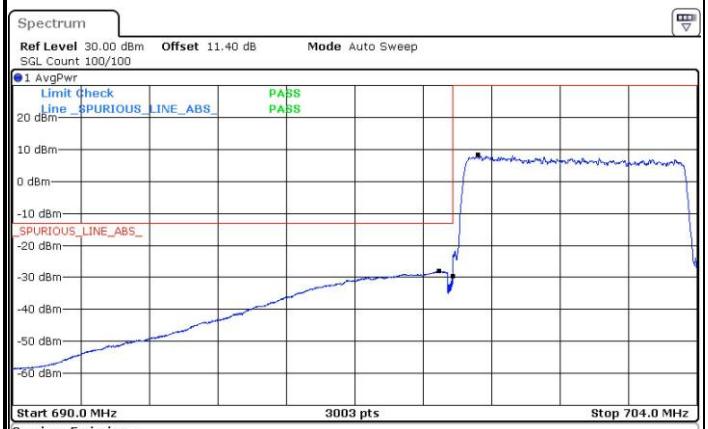



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 711.000 MHz | 716.000 MHz | 100.000 kHz | 715.64785 MHz | 21.29 dBm | -8.71 dB |
| 716.000 MHz | 716.100 MHz | 30.000 kHz | 716.00425 MHz | -24.51 dBm | -11.51 dB |
| 716.100 MHz | 725.000 MHz | 100.000 kHz | 716.10445 MHz | -30.35 dBm | -17.35 dB |

Date: 10.SEP.2018 15:23:16

### Lowest Band Edge / Full RB

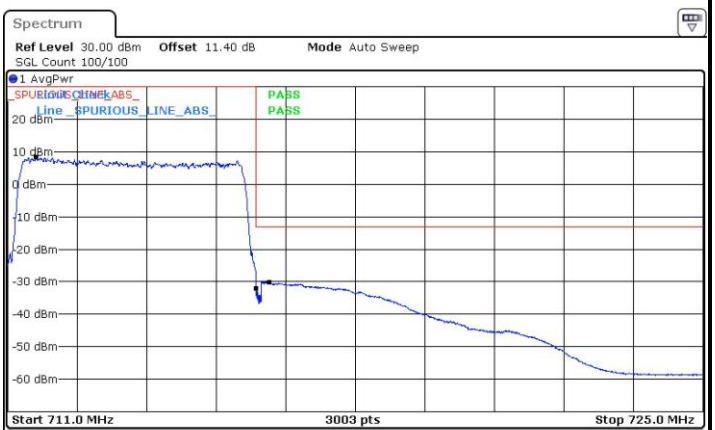



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 690.000 MHz | 698.900 MHz | 100.000 kHz | 698.71773 MHz | -28.00 dBm | -15.00 dB |
| 698.900 MHz | 699.000 MHz | 30.000 kHz | 698.99555 MHz | -29.71 dBm | -16.71 dB |
| 699.000 MHz | 704.000 MHz | 100.000 kHz | 699.52198 MHz | 8.25 dBm | -21.75 dB |

Date: 10.SEP.2018 15:16:23

### Highest Band Edge / Full RB



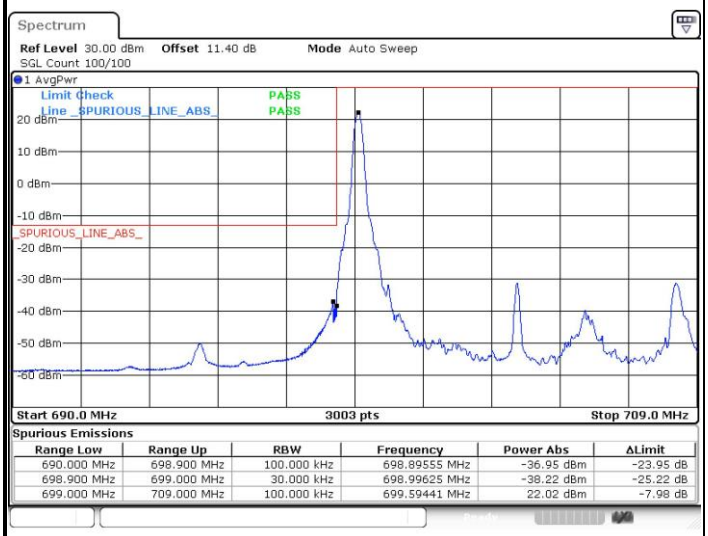

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 711.000 MHz | 716.000 MHz | 100.000 kHz | 711.57692 MHz | 8.21 dBm | -21.79 dB |
| 716.000 MHz | 716.100 MHz | 30.000 kHz | 716.00225 MHz | -31.98 dBm | -18.98 dB |
| 716.100 MHz | 725.000 MHz | 100.000 kHz | 716.25559 MHz | -30.12 dBm | -17.12 dB |

Date: 10.SEP.2018 15:22:05

## LTE Band 12 / 10MHz / QPSK

### Lowest Band Edge / 1 RB

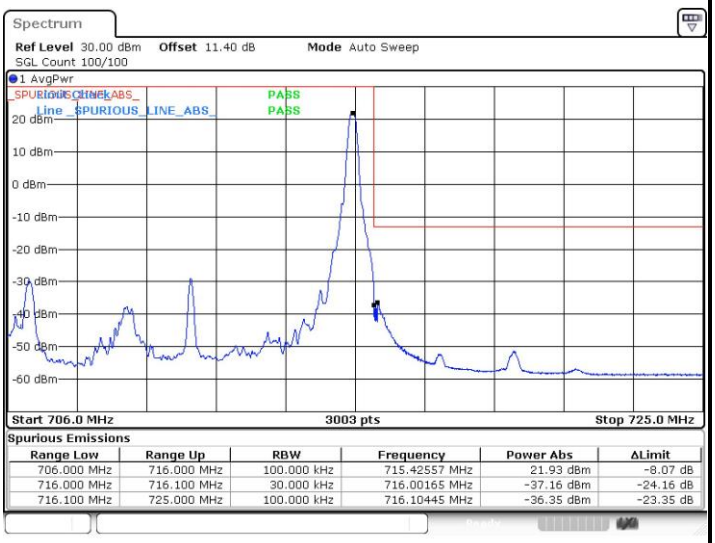



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 690.000 MHz | 698.900 MHz | 100.000 kHz | 698.89555 MHz | -36.95 dBm | -23.95 dB |
| 698.900 MHz | 699.000 MHz | 30.000 kHz | 698.99625 MHz | -38.22 dBm | -25.22 dB |
| 699.000 MHz | 709.000 MHz | 100.000 kHz | 699.59441 MHz | 22.02 dBm | -7.98 dB |

Date: 10.SEP.2018 09:42:49

### Highest Band Edge / 1 RB

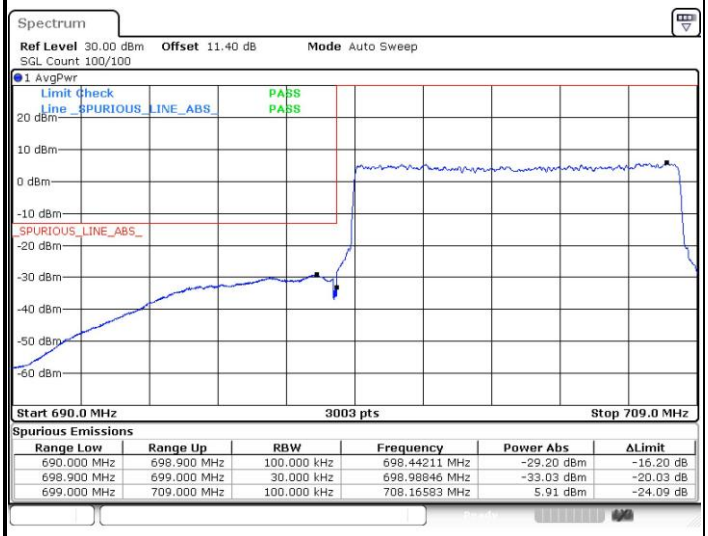



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 706.000 MHz | 716.000 MHz | 100.000 kHz | 715.42557 MHz | 21.93 dBm | -8.07 dB |
| 716.000 MHz | 716.100 MHz | 30.000 kHz | 716.00165 MHz | -37.16 dBm | -24.16 dB |
| 716.100 MHz | 725.000 MHz | 100.000 kHz | 716.10445 MHz | -36.35 dBm | -23.35 dB |

Date: 10.SEP.2018 09:52:54

### Lowest Band Edge / Full RB

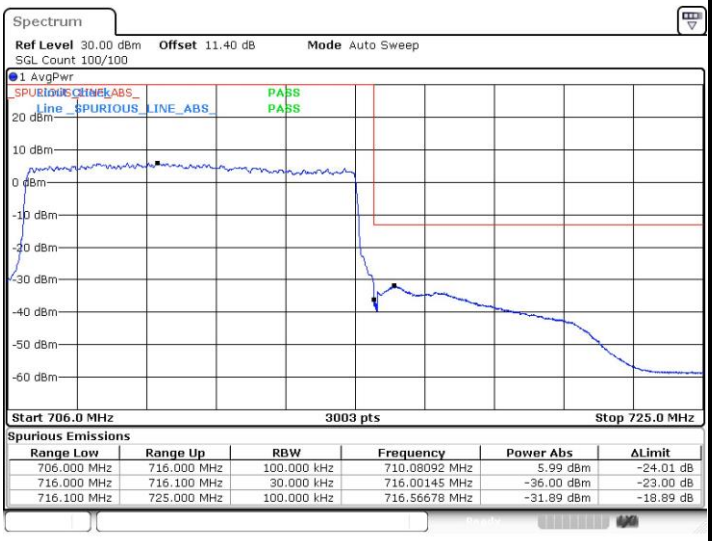



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 690.000 MHz | 698.900 MHz | 100.000 kHz | 698.44211 MHz | -29.20 dBm | -16.20 dB |
| 698.900 MHz | 699.000 MHz | 30.000 kHz | 698.98846 MHz | -33.03 dBm | -20.03 dB |
| 699.000 MHz | 709.000 MHz | 100.000 kHz | 708.16583 MHz | 5.91 dBm | -24.09 dB |

Date: 10.SEP.2018 09:39:17

### Highest Band Edge / Full RB



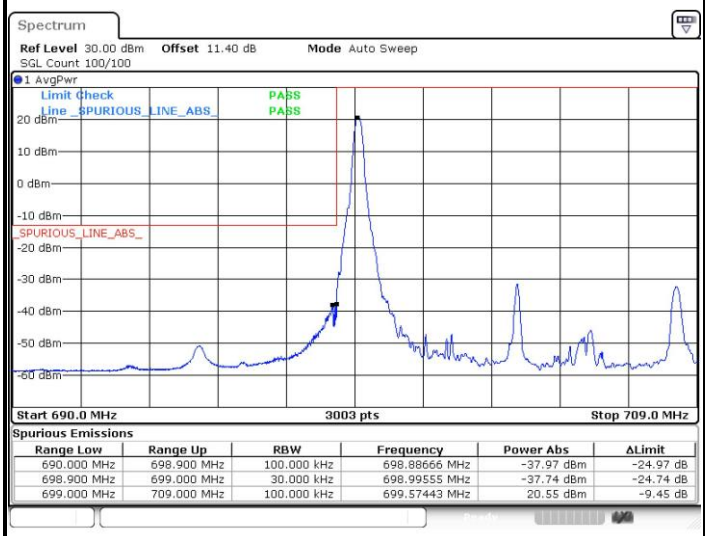

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 706.000 MHz | 716.000 MHz | 100.000 kHz | 710.08092 MHz | 5.99 dBm | -24.01 dB |
| 716.000 MHz | 716.100 MHz | 30.000 kHz | 716.00145 MHz | -36.00 dBm | -23.00 dB |
| 716.100 MHz | 725.000 MHz | 100.000 kHz | 716.56678 MHz | -31.89 dBm | -18.89 dB |

Date: 10.SEP.2018 09:49:21

## LTE Band 12 / 10MHz / 16QAM

### Lowest Band Edge / 1 RB

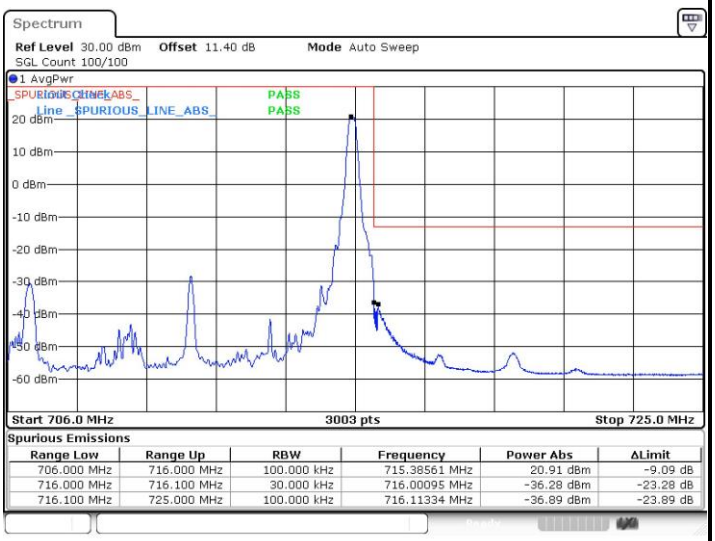



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 690.000 MHz | 698.900 MHz | 100.000 kHz | 698.88666 MHz | -37.97 dBm | -24.97 dB |
| 698.900 MHz | 699.000 MHz | 30.000 kHz | 698.99555 MHz | -37.74 dBm | -24.74 dB |
| 699.000 MHz | 709.000 MHz | 100.000 kHz | 699.57443 MHz | 20.55 dBm | -9.45 dB |

Date: 10.SEP.2018 09:41:38

### Highest Band Edge / 1 RB

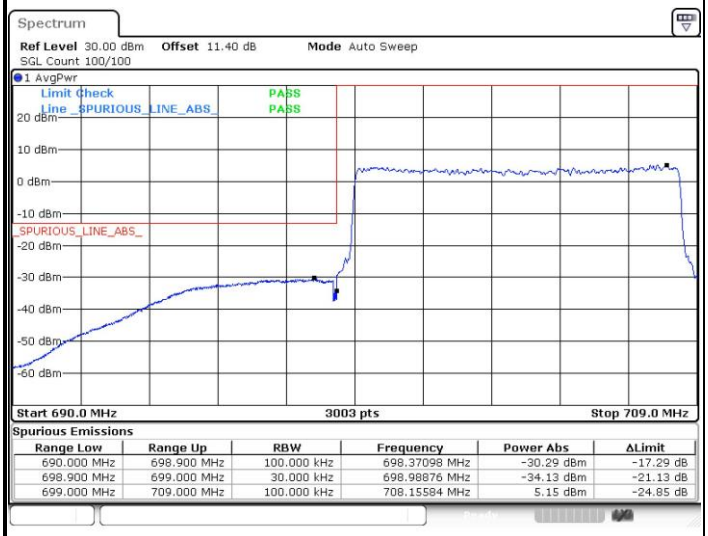



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 706.000 MHz | 716.000 MHz | 100.000 kHz | 715.38561 MHz | 20.91 dBm | -9.09 dB |
| 716.000 MHz | 716.100 MHz | 30.000 kHz | 716.00095 MHz | -36.28 dBm | -23.28 dB |
| 716.100 MHz | 725.000 MHz | 100.000 kHz | 716.11334 MHz | -36.89 dBm | -23.89 dB |

Date: 10.SEP.2018 09:51:43

### Lowest Band Edge / Full RB

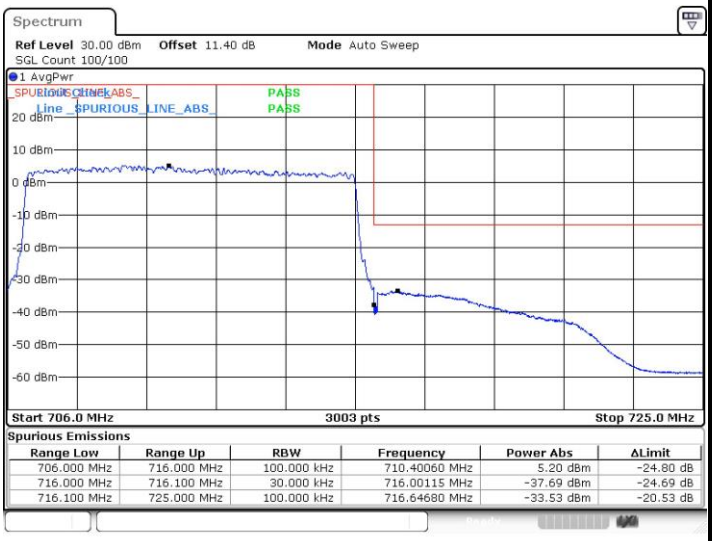



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 690.000 MHz | 698.900 MHz | 100.000 kHz | 698.37098 MHz | -30.29 dBm | -17.29 dB |
| 698.900 MHz | 699.000 MHz | 30.000 kHz | 698.98876 MHz | -34.13 dBm | -21.13 dB |
| 699.000 MHz | 709.000 MHz | 100.000 kHz | 708.15584 MHz | 5.15 dBm | -24.85 dB |

Date: 10.SEP.2018 09:40:28

### Highest Band Edge / Full RB



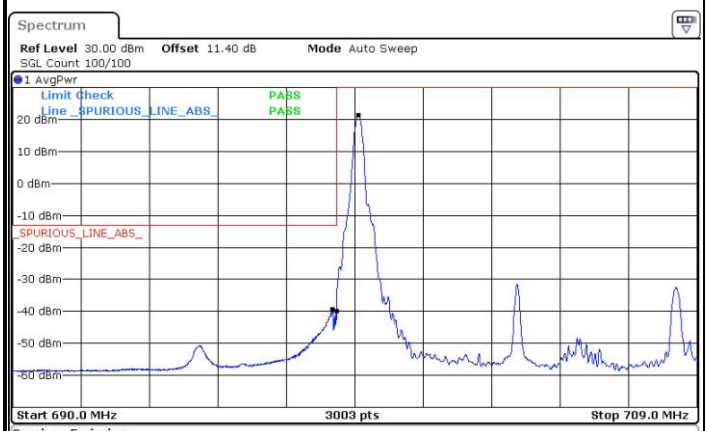

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 706.000 MHz | 716.000 MHz | 100.000 kHz | 710.40060 MHz | 5.20 dBm | -24.80 dB |
| 716.000 MHz | 716.100 MHz | 30.000 kHz | 716.00115 MHz | -37.69 dBm | -24.69 dB |
| 716.100 MHz | 725.000 MHz | 100.000 kHz | 716.64680 MHz | -33.53 dBm | -20.53 dB |

Date: 10.SEP.2018 09:50:32

## LTE Band 12 / 10MHz / 64QAM

### Lowest Band Edge / 1 RB

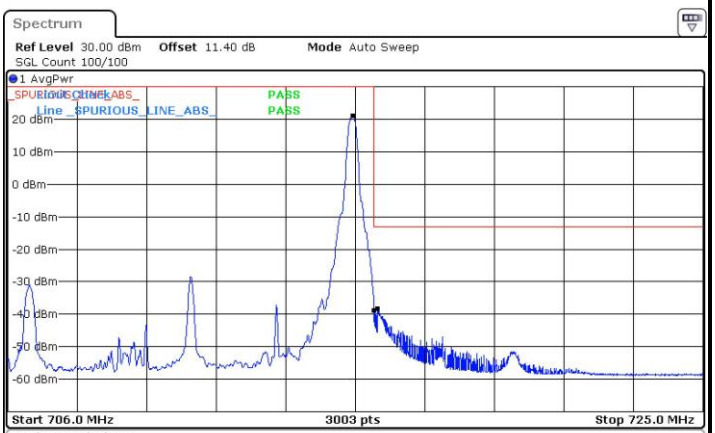



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 690.000 MHz | 698.900 MHz | 100.000 kHz | 698.88666 MHz | -39.30 dBm | -26.30 dB |
| 698.900 MHz | 699.000 MHz | 30.000 kHz | 698.99436 MHz | -39.84 dBm | -26.84 dB |
| 699.000 MHz | 709.000 MHz | 100.000 kHz | 699.59441 MHz | 21.45 dBm | -8.55 dB |

Date: 10.SEP.2018 15:27:18

### Highest Band Edge / 1 RB

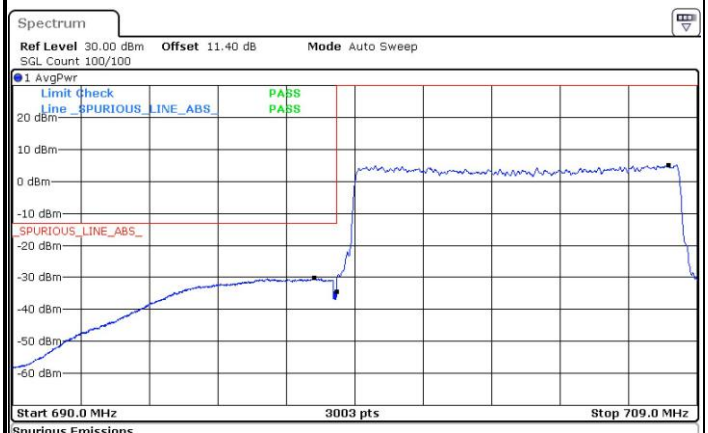



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 706.000 MHz | 716.000 MHz | 100.000 kHz | 715.43556 MHz | 21.08 dBm | -8.92 dB |
| 716.000 MHz | 716.100 MHz | 30.000 kHz | 716.00045 MHz | -38.84 dBm | -25.84 dB |
| 716.100 MHz | 725.000 MHz | 100.000 kHz | 716.10445 MHz | -38.33 dBm | -25.33 dB |

Date: 10.SEP.2018 15:33:01

### Lowest Band Edge / Full RB

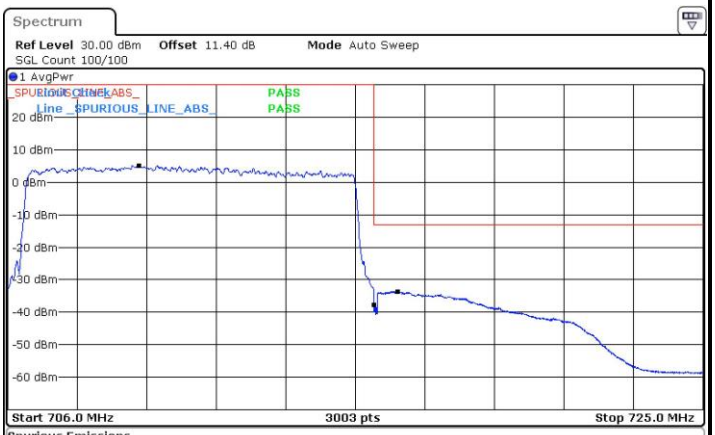



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 690.000 MHz | 698.900 MHz | 100.000 kHz | 698.37098 MHz | -30.18 dBm | -17.18 dB |
| 698.900 MHz | 699.000 MHz | 30.000 kHz | 698.99496 MHz | -34.42 dBm | -21.42 dB |
| 699.000 MHz | 709.000 MHz | 100.000 kHz | 708.19580 MHz | 5.11 dBm | -24.89 dB |

Date: 10.SEP.2018 15:26:07

### Highest Band Edge / Full RB




Spurious Emissions

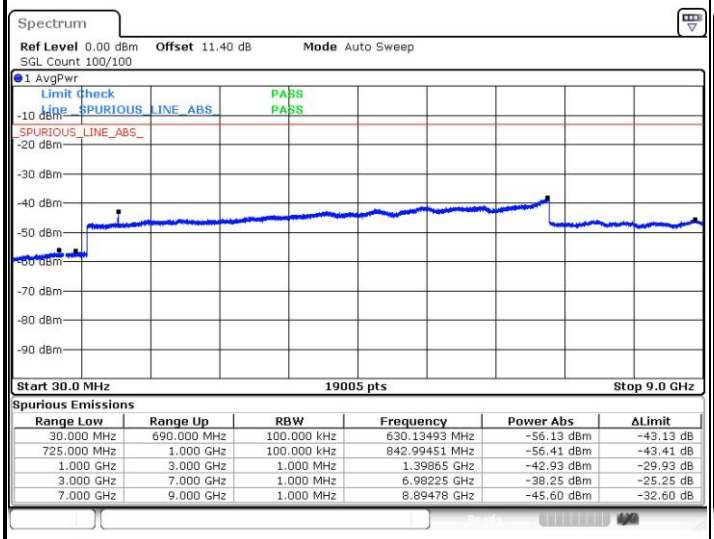
| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 706.000 MHz | 716.000 MHz | 100.000 kHz | 709.59141 MHz | 5.18 dBm | -24.82 dB |
| 716.000 MHz | 716.100 MHz | 30.000 kHz | 716.00205 MHz | -37.75 dBm | -24.75 dB |
| 716.100 MHz | 725.000 MHz | 100.000 kHz | 716.66459 MHz | -33.58 dBm | -20.58 dB |

Date: 10.SEP.2018 15:31:51

# Conducted Spurious Emission

## LTE Band 12 / 1.4MHz

### Lowest Channel / QPSK

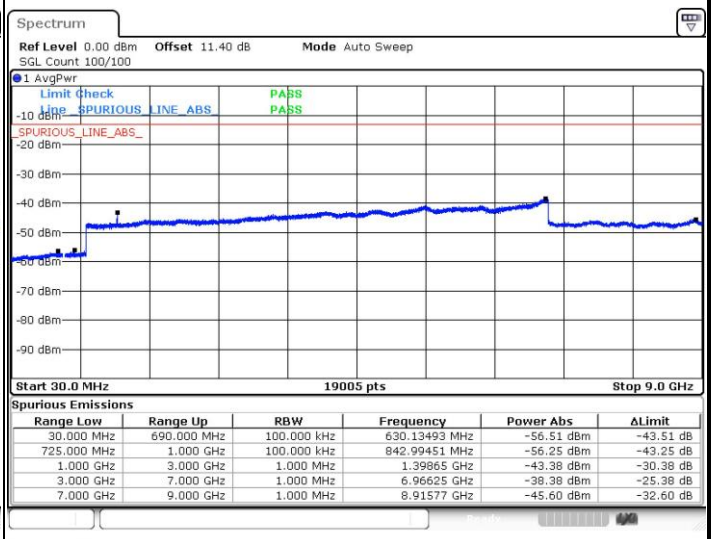



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 690.000 MHz | 100.000 kHz | 630.13493 MHz | -56.13 dBm | -43.13 dB |
| 725.000 MHz | 1.000 GHz | 100.000 kHz | 842.99451 MHz | -56.41 dBm | -43.41 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.39865 GHz | -42.93 dBm | -29.93 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.98225 GHz | -38.25 dBm | -25.25 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 8.89478 GHz | -45.60 dBm | -32.60 dB |

Date: 10.SEP.2018 10:28:10

### Lowest Channel / 16QAM

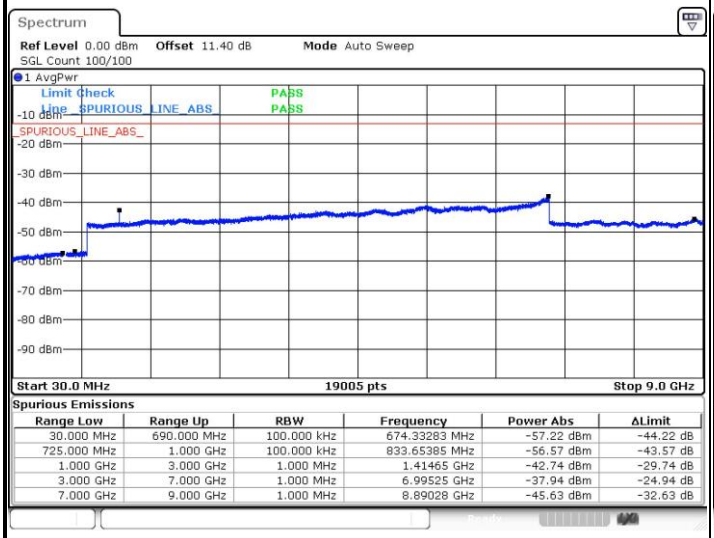



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 690.000 MHz | 100.000 kHz | 630.13493 MHz | -56.51 dBm | -43.51 dB |
| 725.000 MHz | 1.000 GHz | 100.000 kHz | 842.99451 MHz | -56.25 dBm | -43.25 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.39865 GHz | -43.38 dBm | -30.38 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.96625 GHz | -38.38 dBm | -25.38 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 8.91577 GHz | -45.60 dBm | -32.60 dB |

Date: 10.SEP.2018 10:29:25

### Middle Channel / QPSK

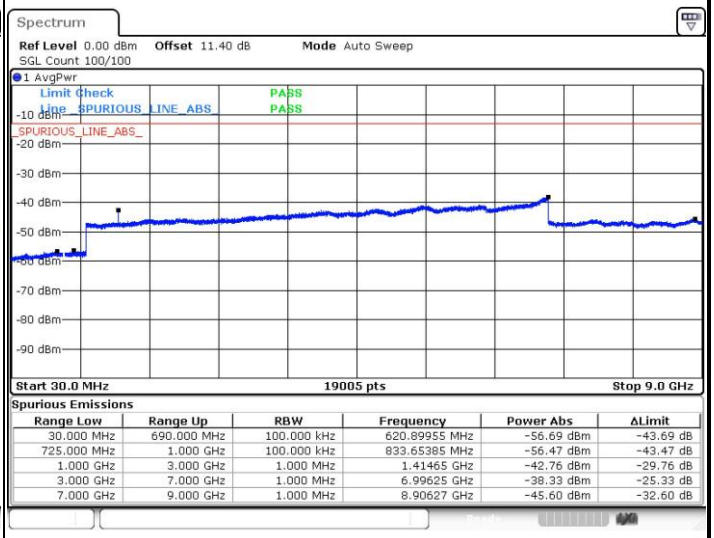



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 690.000 MHz | 100.000 kHz | 674.33283 MHz | -57.22 dBm | -44.22 dB |
| 725.000 MHz | 1.000 GHz | 100.000 kHz | 833.65385 MHz | -56.57 dBm | -43.57 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.41465 GHz | -42.74 dBm | -29.74 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.99525 GHz | -37.94 dBm | -24.94 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 8.89028 GHz | -45.63 dBm | -32.63 dB |

Date: 10.SEP.2018 10:32:47

### Middle Channel / 16QAM



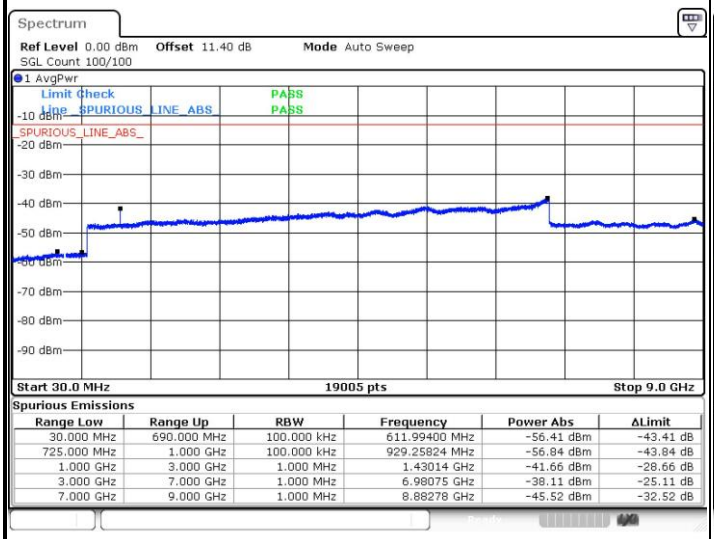

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 690.000 MHz | 100.000 kHz | 620.89955 MHz | -56.69 dBm | -43.69 dB |
| 725.000 MHz | 1.000 GHz | 100.000 kHz | 833.65385 MHz | -56.47 dBm | -43.47 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.41465 GHz | -42.76 dBm | -29.76 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.99625 GHz | -38.33 dBm | -25.33 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 8.90627 GHz | -45.60 dBm | -32.60 dB |

Date: 10.SEP.2018 10:31:31

## LTE Band 12 / 1.4MHz

### Highest Channel / QPSK

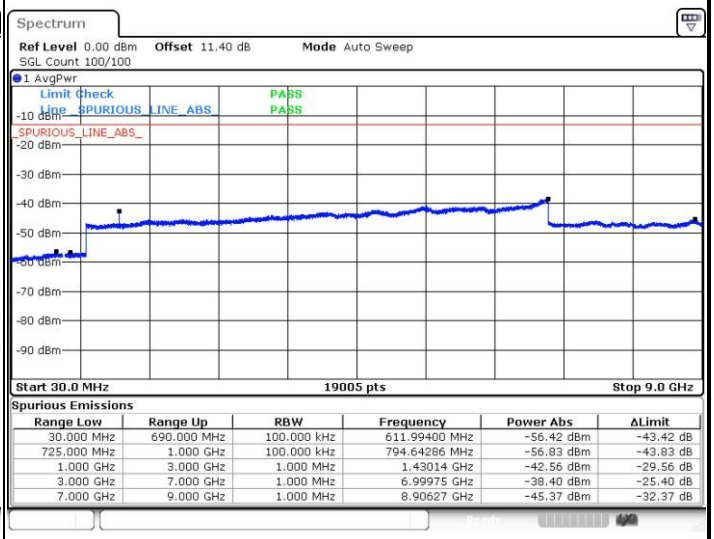



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 690.000 MHz | 100.000 kHz | 611.99400 MHz | -56.41 dBm | -43.41 dB |
| 725.000 MHz | 1.000 GHz | 100.000 kHz | 929.25824 MHz | -56.84 dBm | -43.84 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.43014 GHz | -41.66 dBm | -28.66 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.98075 GHz | -38.11 dBm | -25.11 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 8.88278 GHz | -45.52 dBm | -32.52 dB |

Date: 10.SEP.2018 10:39:35

### Highest Channel / 16QAM



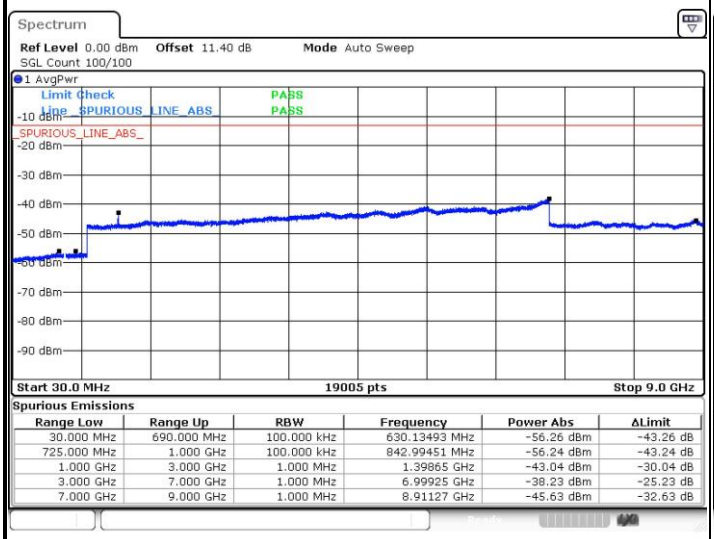

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 690.000 MHz | 100.000 kHz | 611.99400 MHz | -56.42 dBm | -43.42 dB |
| 725.000 MHz | 1.000 GHz | 100.000 kHz | 794.64286 MHz | -56.83 dBm | -43.83 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.43014 GHz | -42.56 dBm | -29.56 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.99975 GHz | -38.40 dBm | -25.40 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 8.90627 GHz | -45.37 dBm | -32.37 dB |

Date: 10.SEP.2018 10:40:50

## LTE Band 12 / 3MHz

### Lowest Channel / QPSK

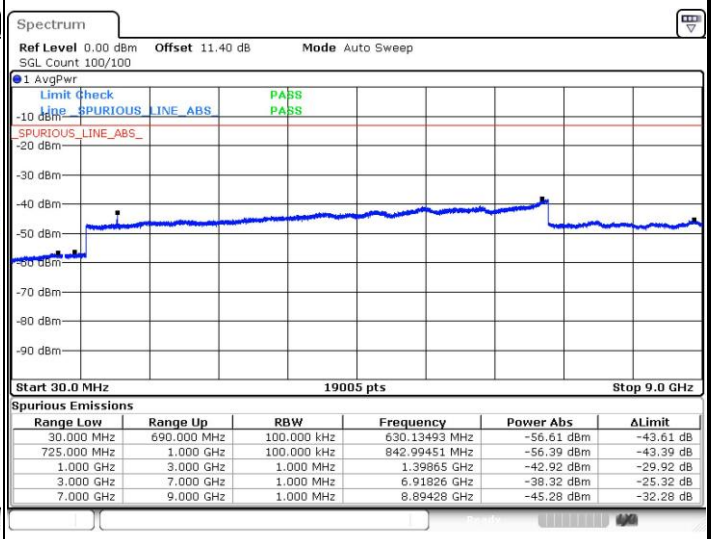



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 690.000 MHz | 100.000 kHz | 630.13493 MHz | -56.26 dBm | -43.26 dB |
| 725.000 MHz | 1.000 GHz | 100.000 kHz | 842.99451 MHz | -56.24 dBm | -43.24 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.39865 GHz | -43.04 dBm | -30.04 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.99925 GHz | -38.23 dBm | -25.23 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 8.91127 GHz | -45.63 dBm | -32.63 dB |

Date: 10.SEP.2018 09:08:45

### Lowest Channel / 16QAM




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 690.000 MHz | 100.000 kHz | 630.13493 MHz | -56.61 dBm | -43.61 dB |
| 725.000 MHz | 1.000 GHz | 100.000 kHz | 842.99451 MHz | -56.39 dBm | -43.39 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.39865 GHz | -42.92 dBm | -29.92 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.91826 GHz | -38.32 dBm | -25.32 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 8.89428 GHz | -45.28 dBm | -32.28 dB |

Date: 10.SEP.2018 09:09:38