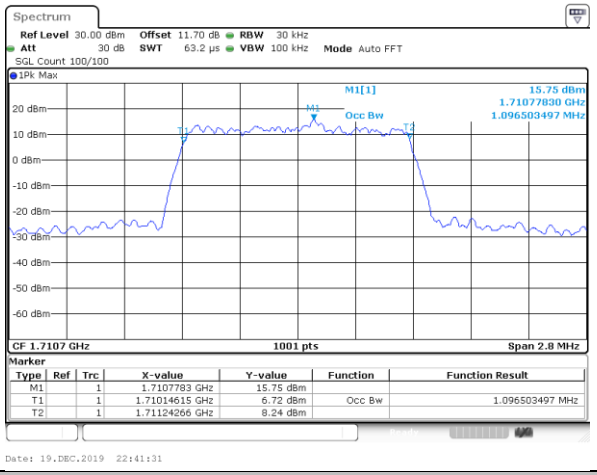
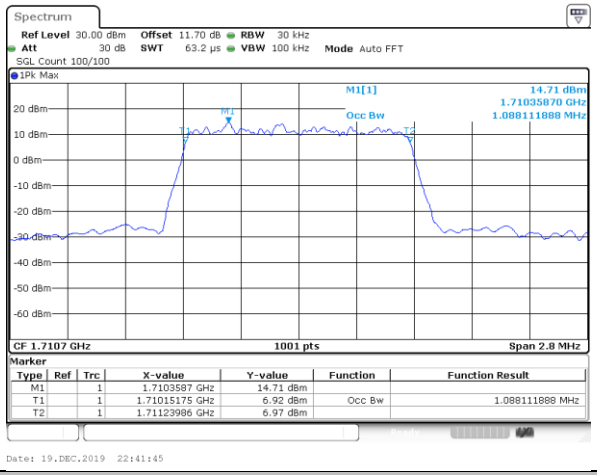
## LTE Band 4

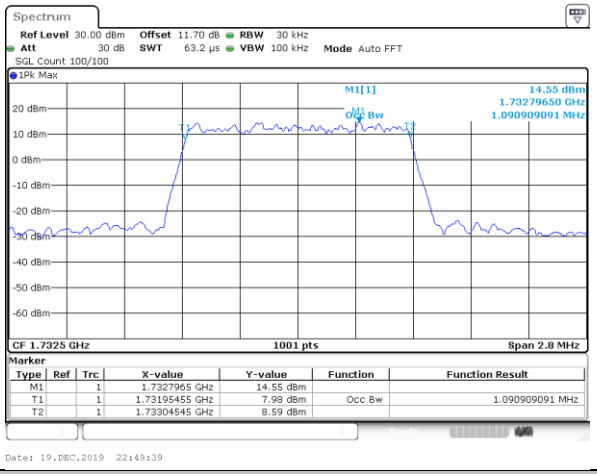
### Lowest Channel / 1.4MHz / QPSK



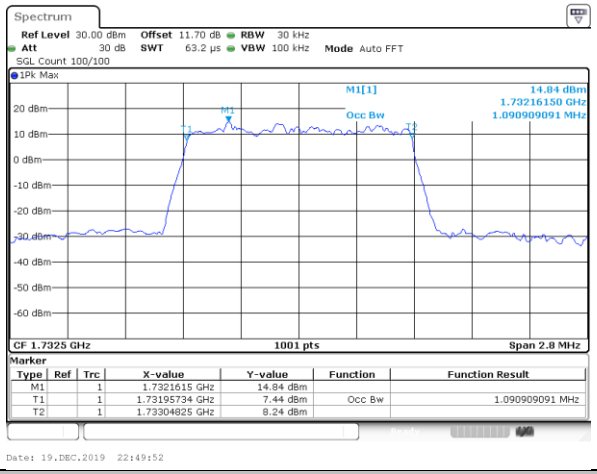

### Lowest Channel / 1.4MHz / 16QAM



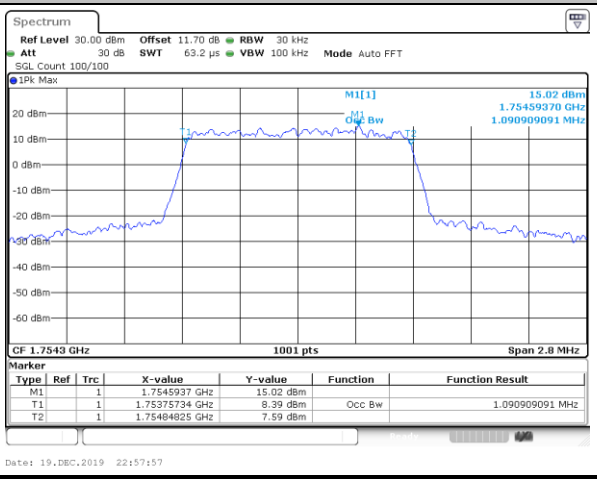

### Middle Channel / 1.4MHz / QPSK



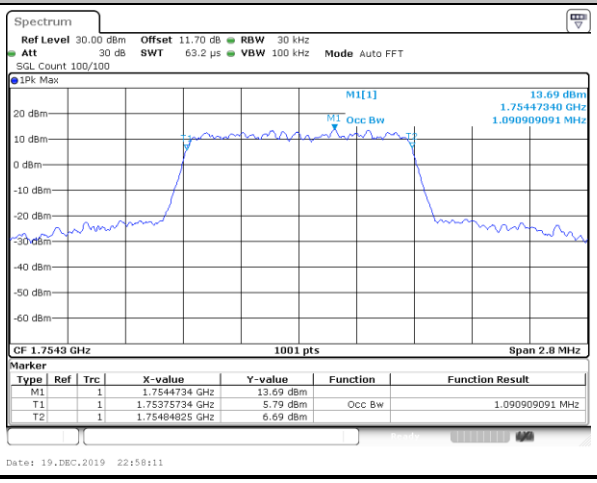

### Middle Channel / 1.4MHz / 16QAM




### Highest Channel / 1.4MHz / QPSK

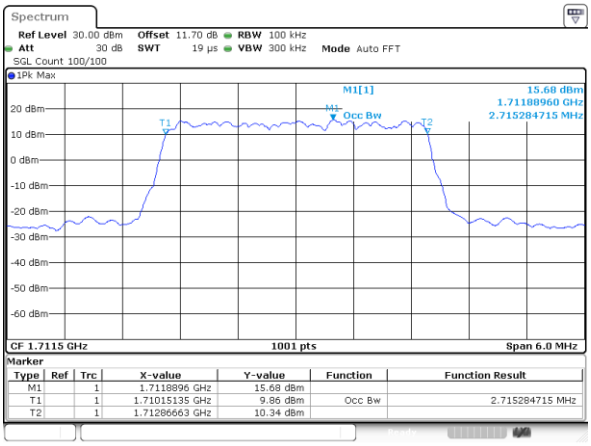



### Highest Channel / 1.4MHz / 16QAM

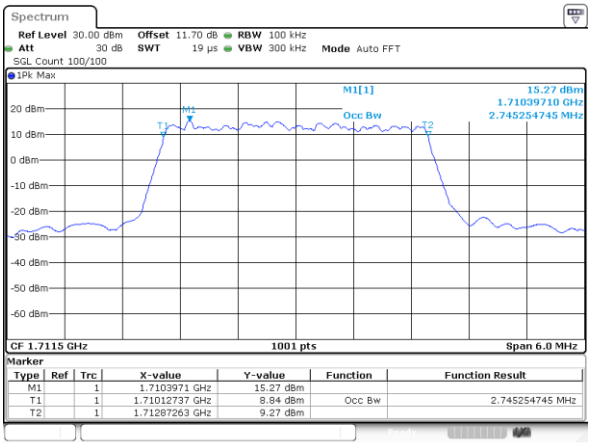


## LTE Band 4

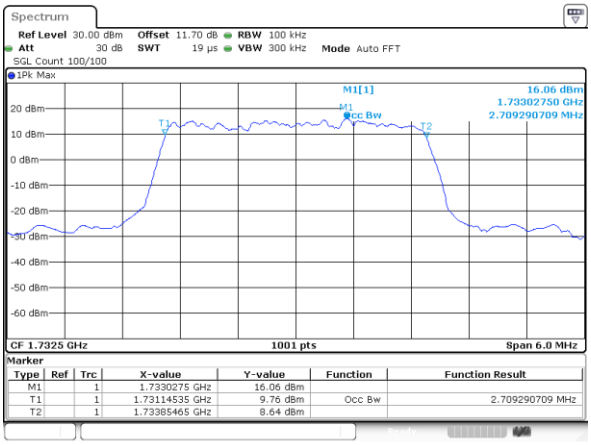
### Lowest Channel / 3MHz / QPSK



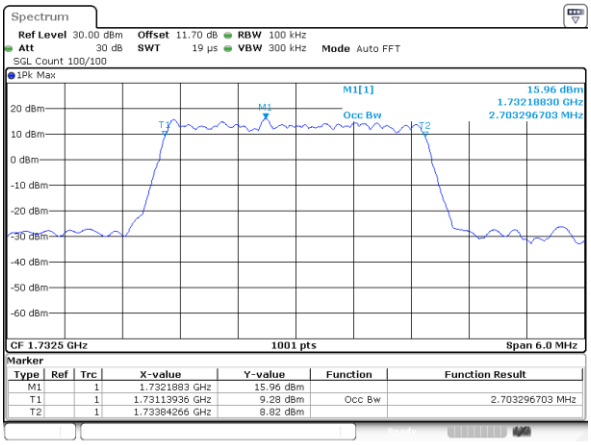

### Lowest Channel / 3MHz / 16QAM



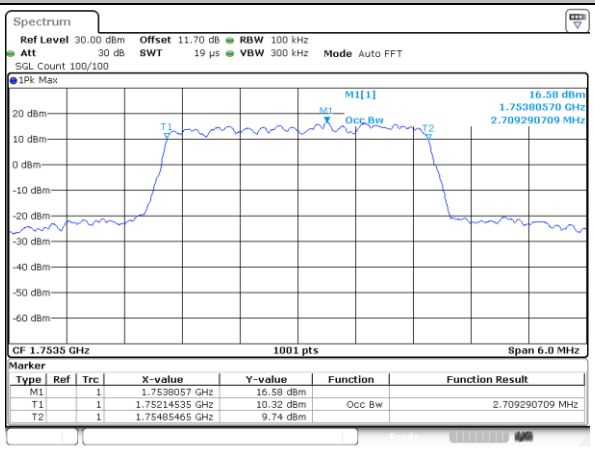

### Middle Channel / 3MHz / QPSK



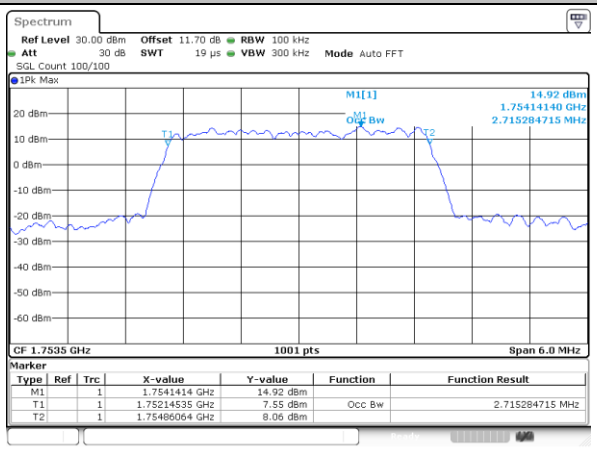

### Middle Channel / 3MHz / 16QAM




### Highest Channel / 3MHz / QPSK

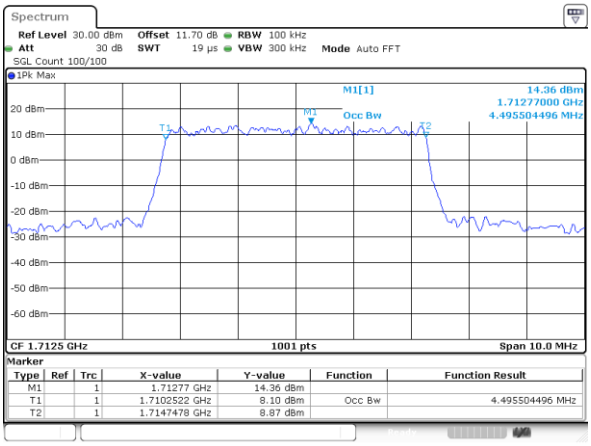



### Highest Channel / 3MHz / 16QAM

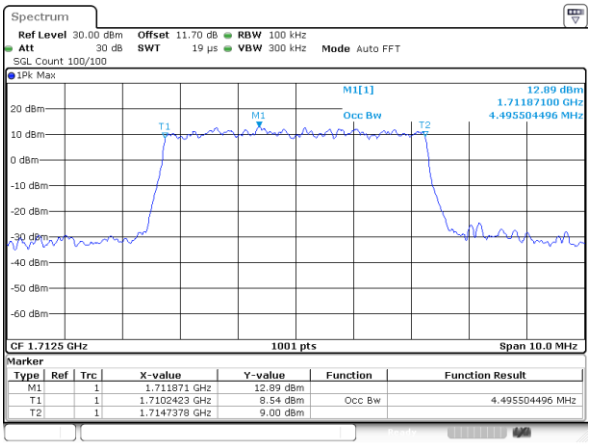


## LTE Band 4

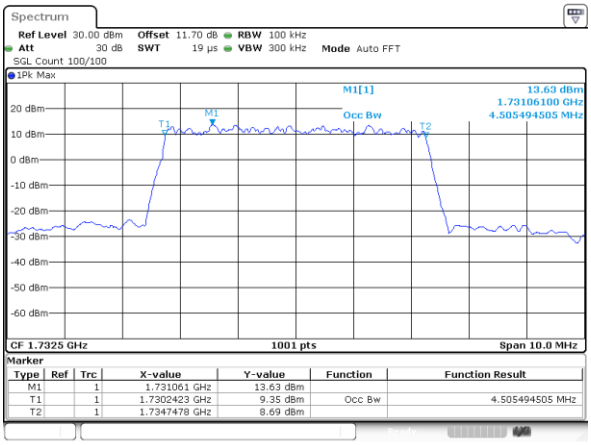
### Lowest Channel / 5MHz / QPSK



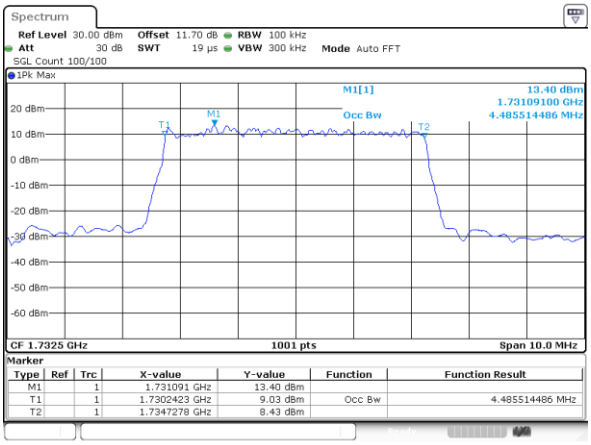

### Lowest Channel / 5MHz / 16QAM



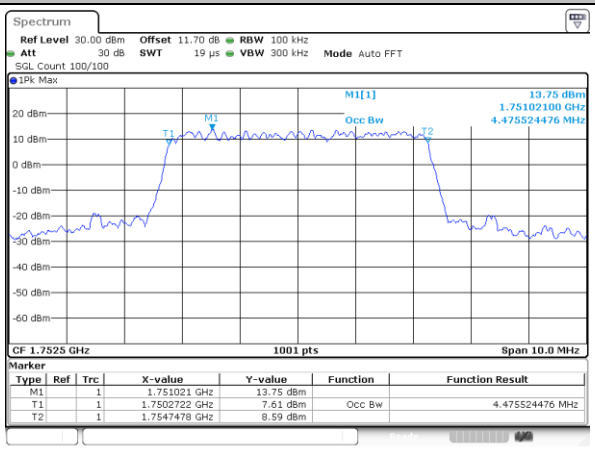

### Middle Channel / 5MHz / QPSK



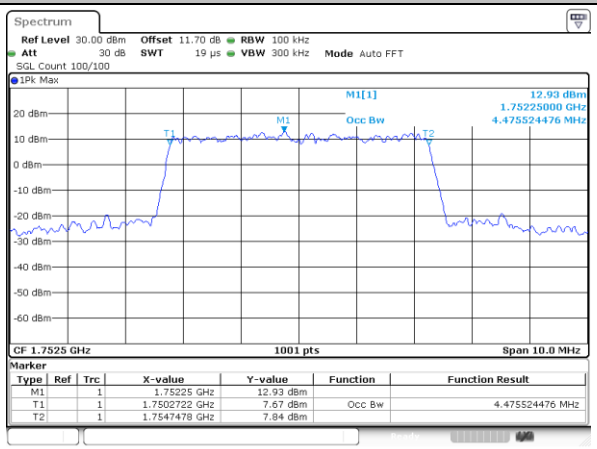

### Middle Channel / 5MHz / 16QAM




### Highest Channel / 5MHz / QPSK

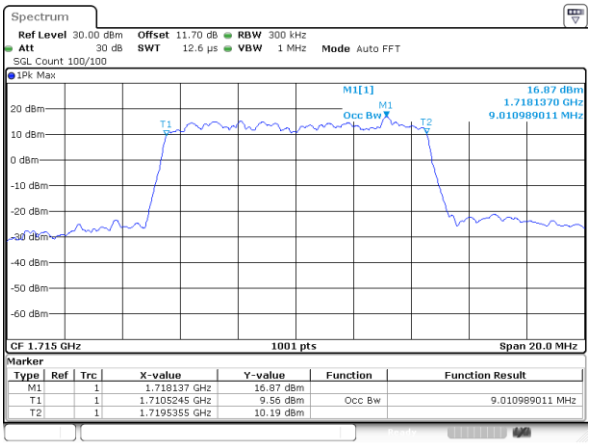



### Highest Channel / 5MHz / 16QAM

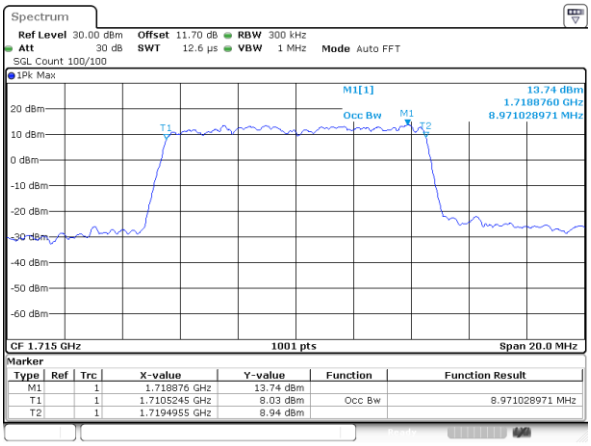


## LTE Band 4

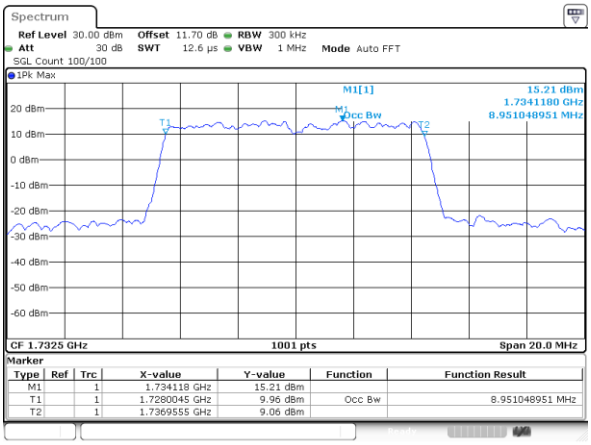
### Lowest Channel / 10MHz / QPSK



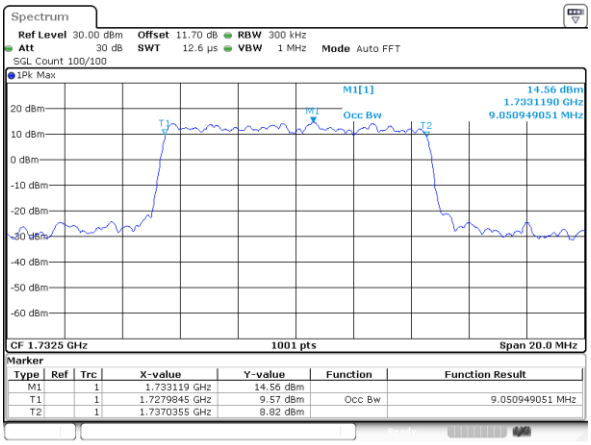

### Lowest Channel / 10MHz / 16QAM



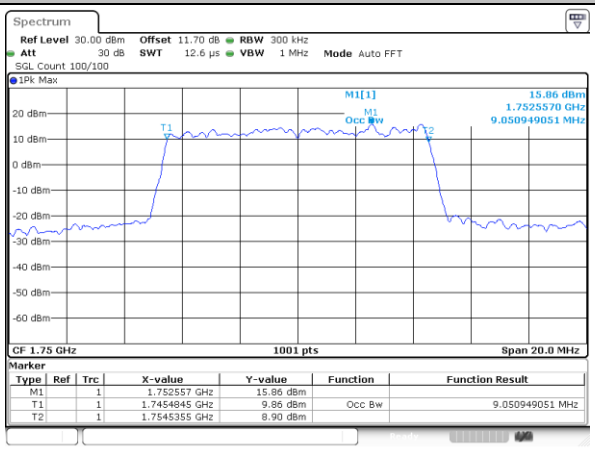

### Middle Channel / 10MHz / QPSK



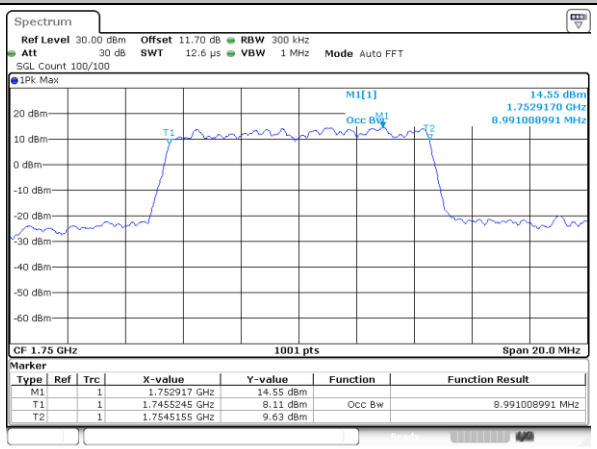

### Middle Channel / 10MHz / 16QAM




### Highest Channel / 10MHz / QPSK

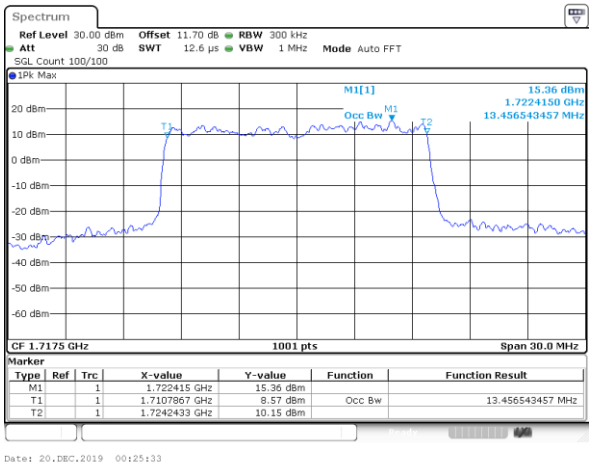



### Highest Channel / 10MHz / 16QAM

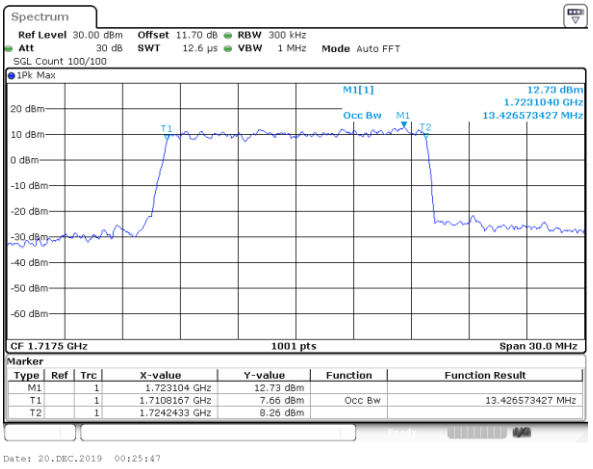


## LTE Band 4

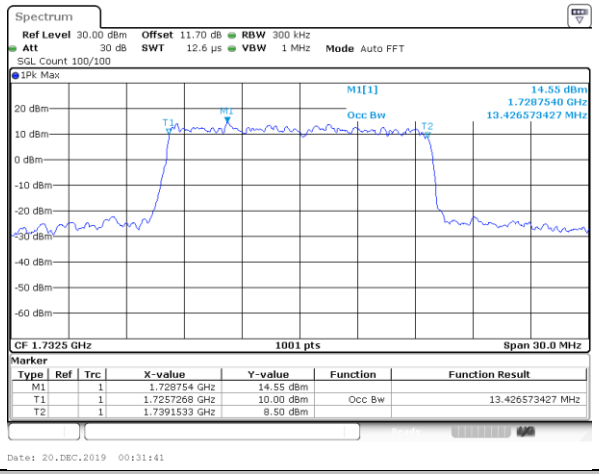
### Lowest Channel / 15MHz / QPSK



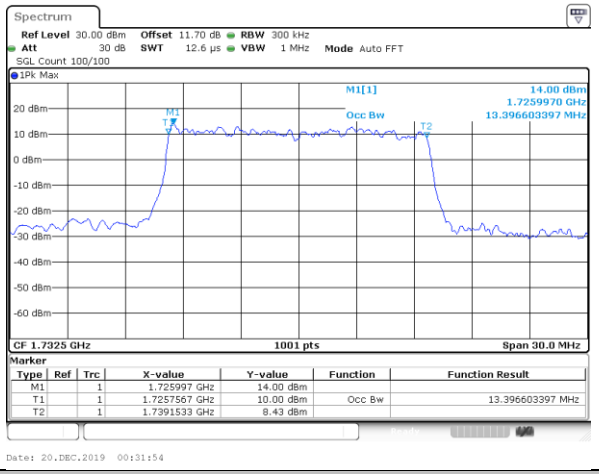

### Lowest Channel / 15MHz / 16QAM



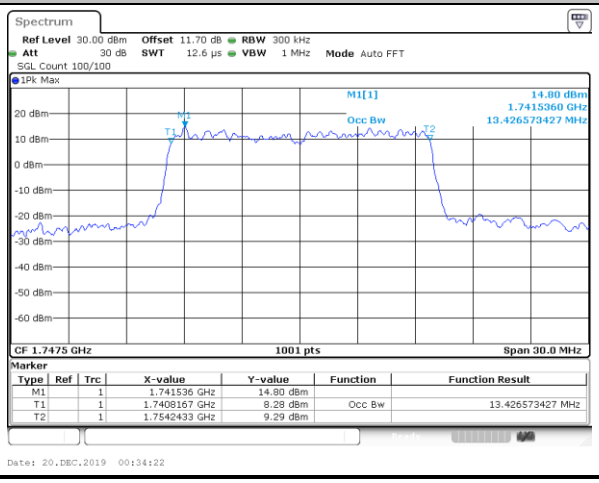

### Middle Channel / 15MHz / QPSK



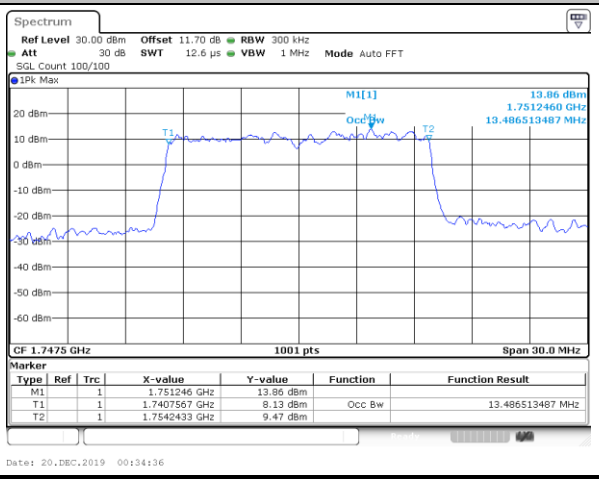

### Middle Channel / 15MHz / 16QAM




### Highest Channel / 15MHz / QPSK

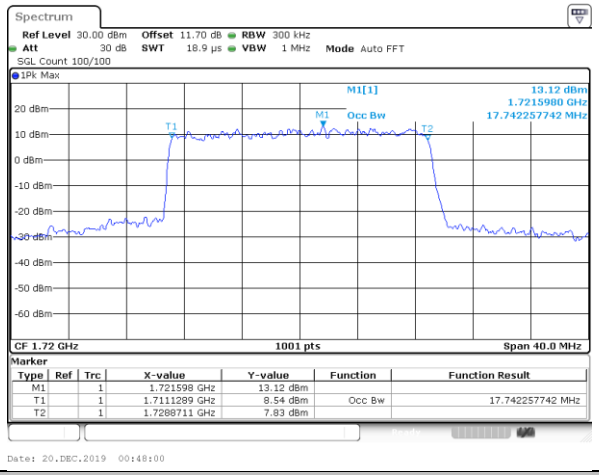



### Highest Channel / 15MHz / 16QAM

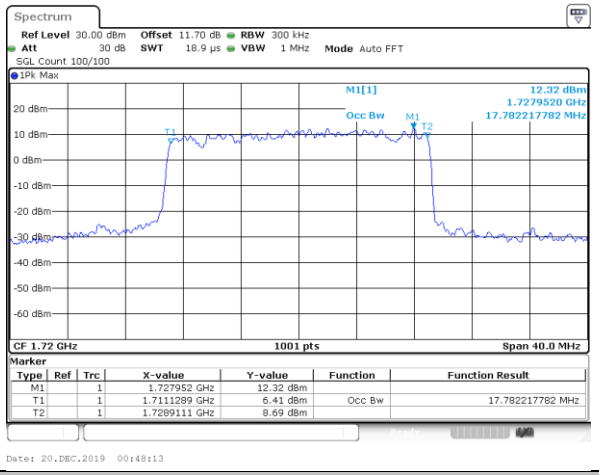


## LTE Band 4

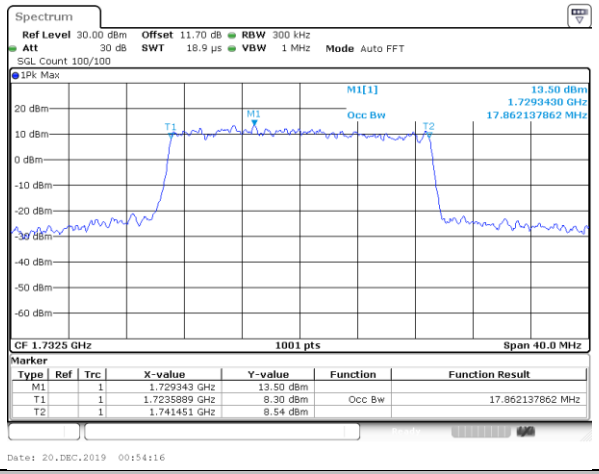
### Lowest Channel / 20MHz / QPSK



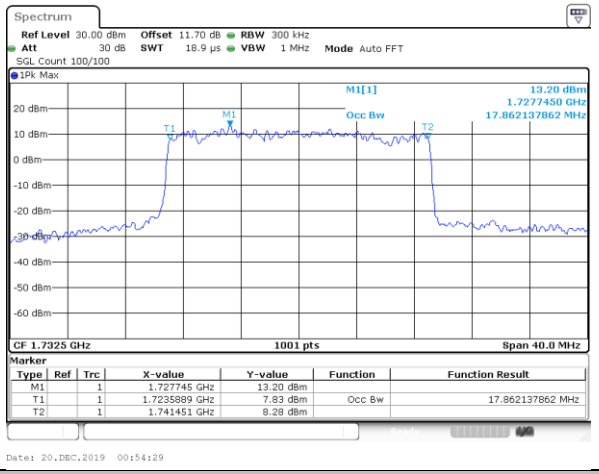

### Lowest Channel / 20MHz / 16QAM



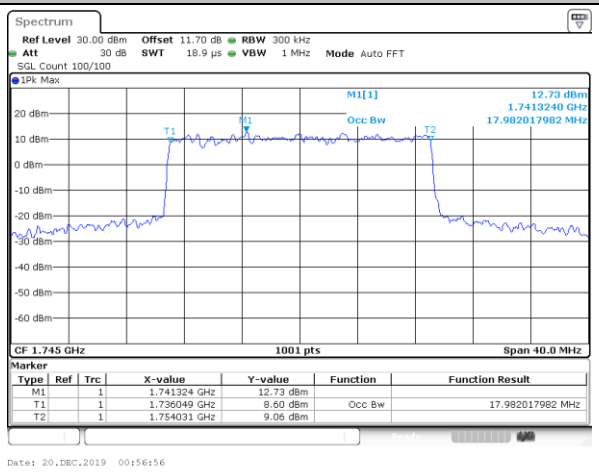

### Middle Channel / 20MHz / QPSK



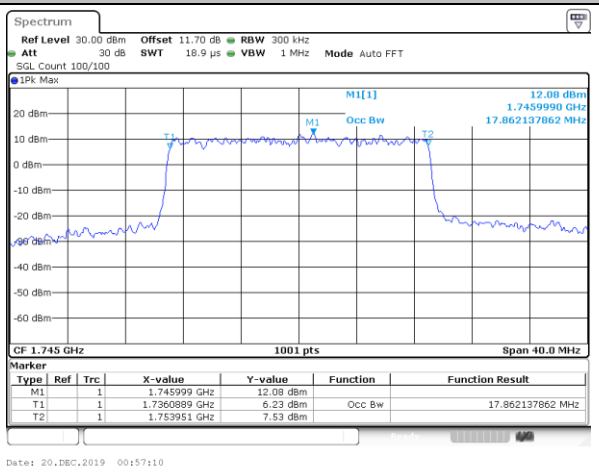

### Middle Channel / 20MHz / 16QAM




### Highest Channel / 20MHz / QPSK

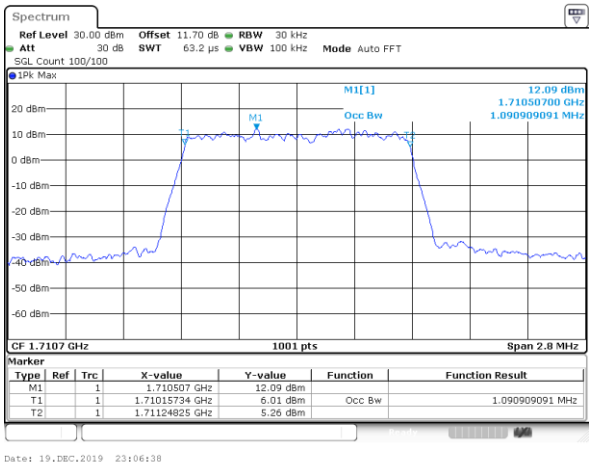



### Highest Channel / 20MHz / 16QAM

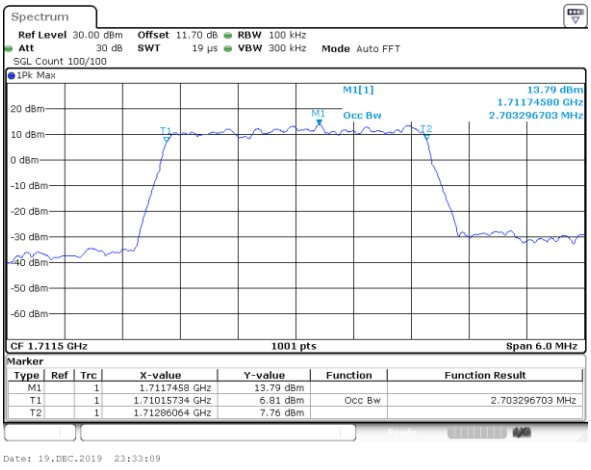


## LTE Band 4

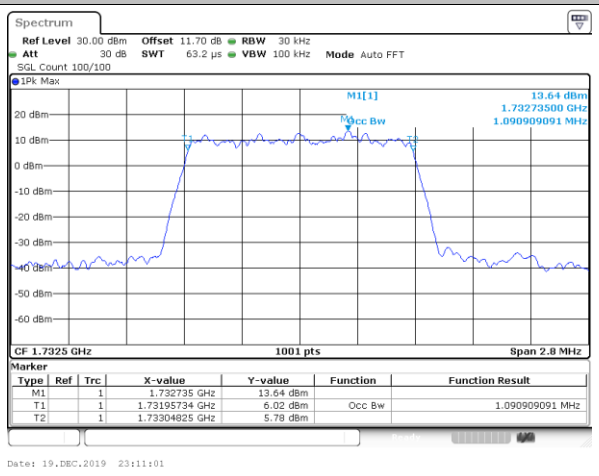
### Lowest Channel / 1.4MHz / 64QAM



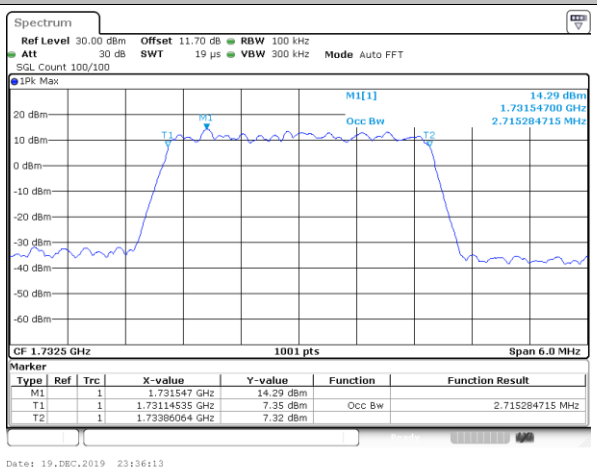

### Lowest Channel / 3MHz / 64QAM



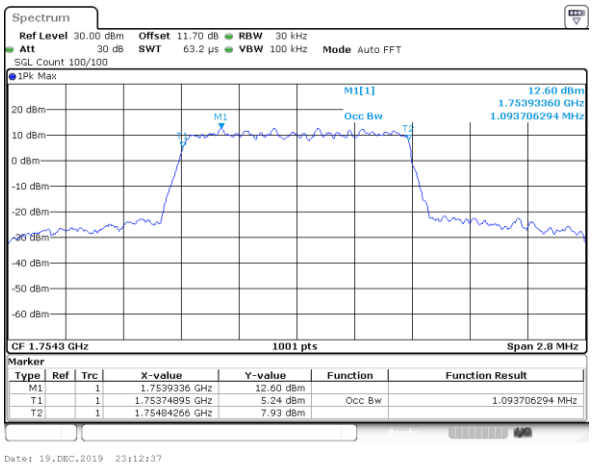

### Middle Channel / 1.4MHz / 64QAM



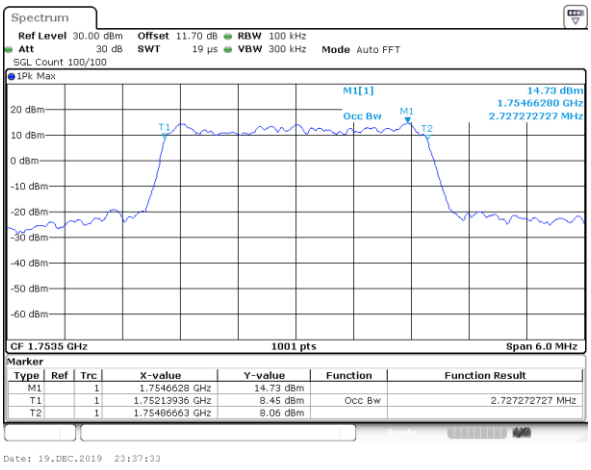

### Middle Channel / 3MHz / 64QAM




### Highest Channel / 1.4MHz / 64QAM

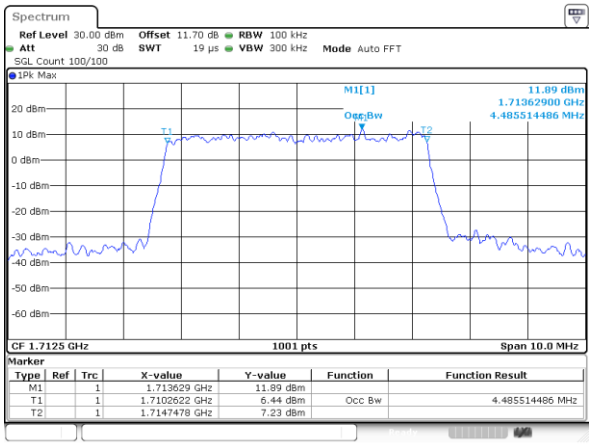



### Highest Channel / 3MHz / 64QAM

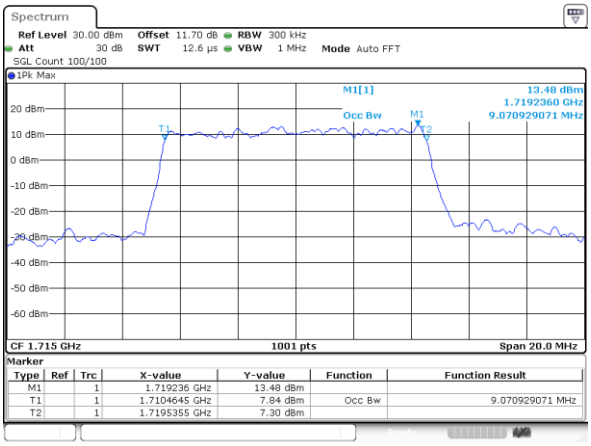


## LTE Band 4

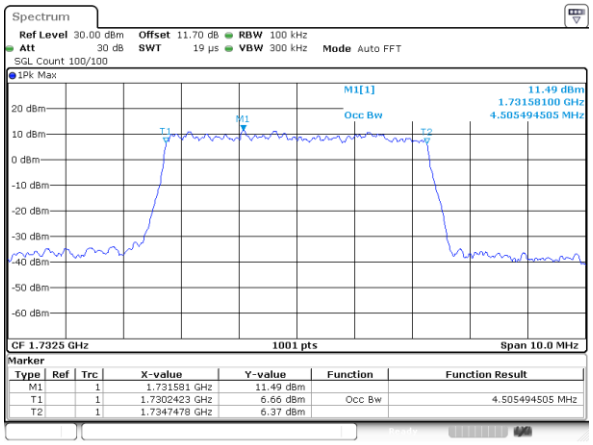
### Lowest Channel / 5MHz / 64QAM



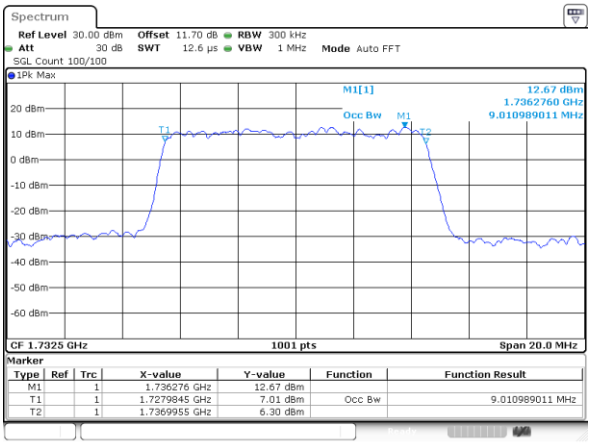

### Lowest Channel / 10MHz / 64QAM



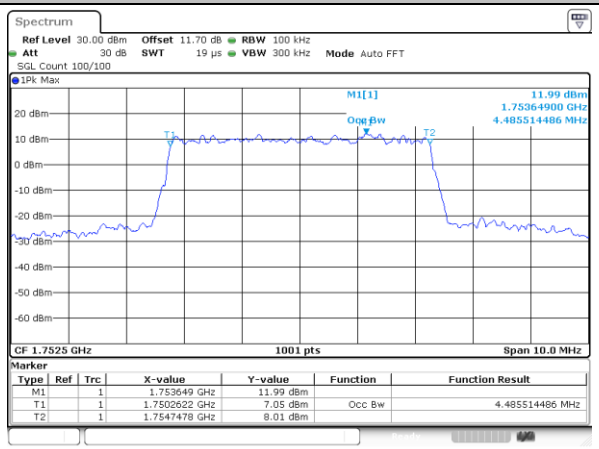

### Middle Channel / 5MHz / 64QAM



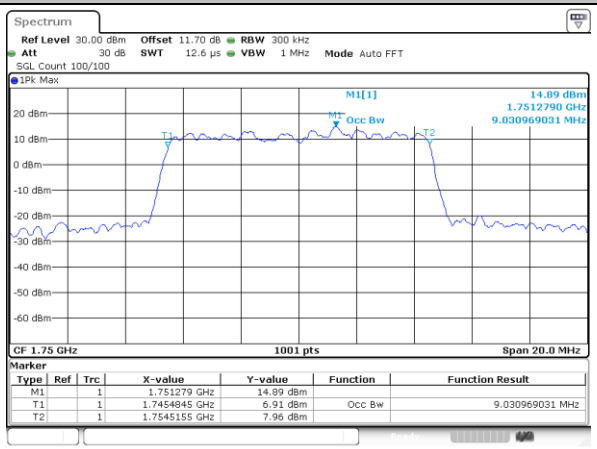

### Middle Channel / 10MHz / 64QAM




### Highest Channel / 5MHz / 64QAM

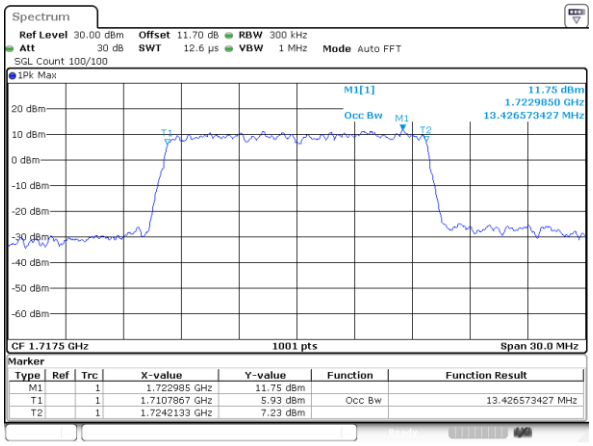



### Highest Channel / 10MHz / 64QAM

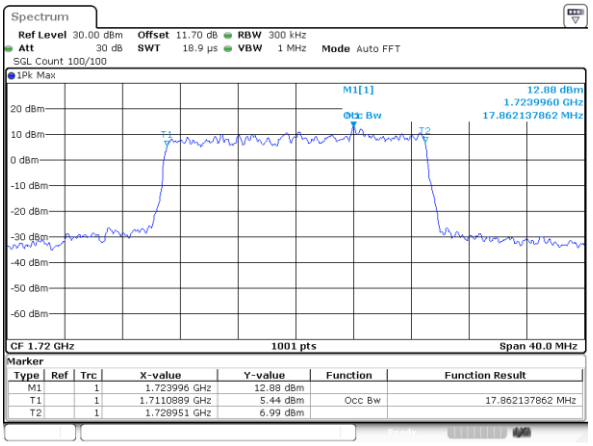


## LTE Band 4

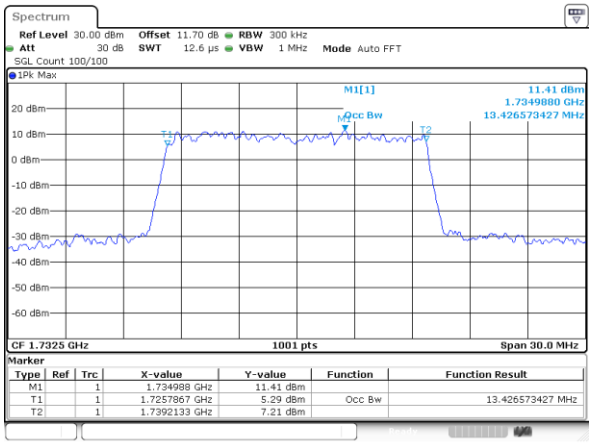
### Lowest Channel / 15MHz / 64QAM



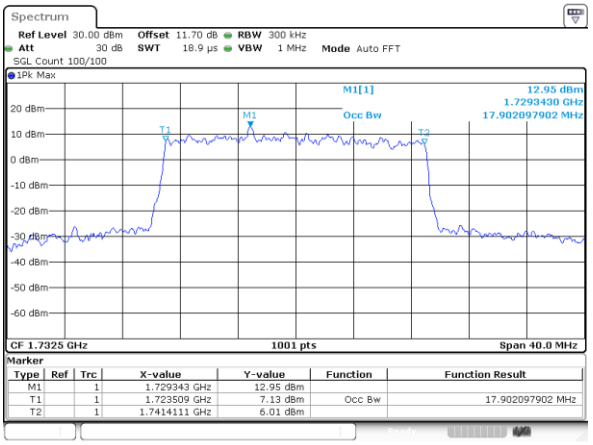

### Lowest Channel / 20MHz / 64QAM



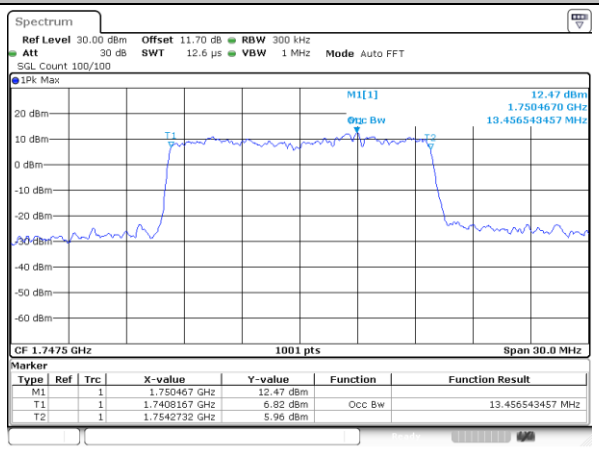

### Middle Channel / 15MHz / 64QAM



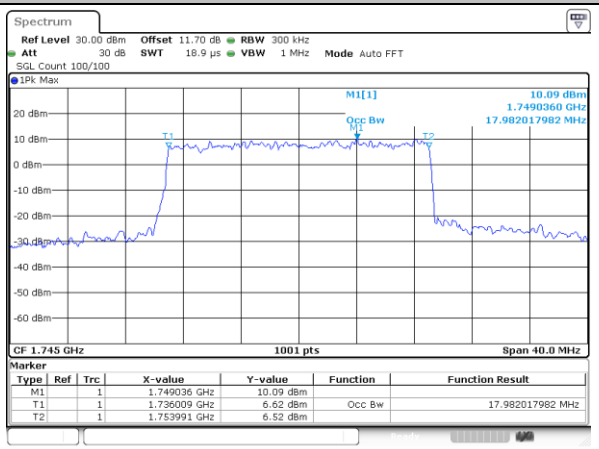

### Middle Channel / 20MHz / 64QAM




### Highest Channel / 15MHz / 64QAM



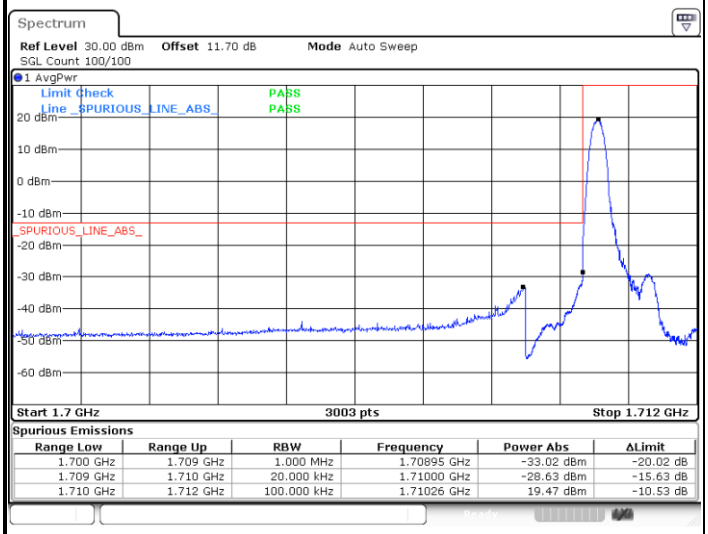

### Highest Channel / 20MHz / 64QAM



# Conducted Band Edge

## LTE Band 4 / 1.4MHz / QPSK

### Lowest Band Edge / 1RB

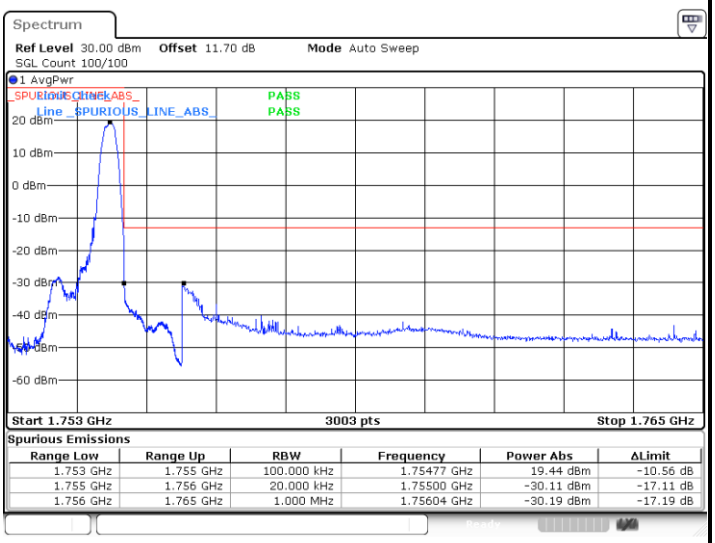



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70895 GHz | -33.02 dBm | -20.02 dB |
| 1.709 GHz | 1.710 GHz | 20.000 kHz | 1.71000 GHz | -28.63 dBm | -15.63 dB |
| 1.710 GHz | 1.712 GHz | 100.000 kHz | 1.71026 GHz | 19.47 dBm | -10.53 dB |

Date: 19.DEC.2019 22:43:34

### Highest Band Edge / 1RB

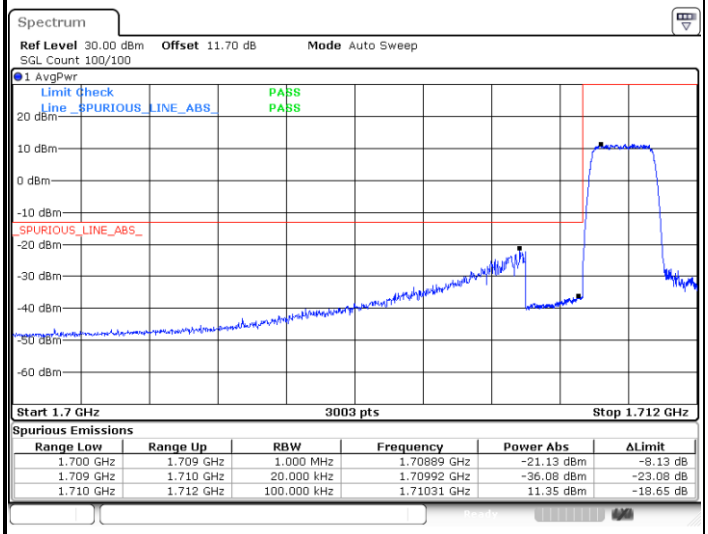



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.753 GHz | 1.755 GHz | 100.000 kHz | 1.75477 GHz | 19.44 dBm | -10.56 dB |
| 1.755 GHz | 1.756 GHz | 20.000 kHz | 1.75500 GHz | -30.11 dBm | -17.11 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75604 GHz | -30.19 dBm | -17.19 dB |

Date: 19.DEC.2019 23:00:00

### Lowest Band Edge / Full RB

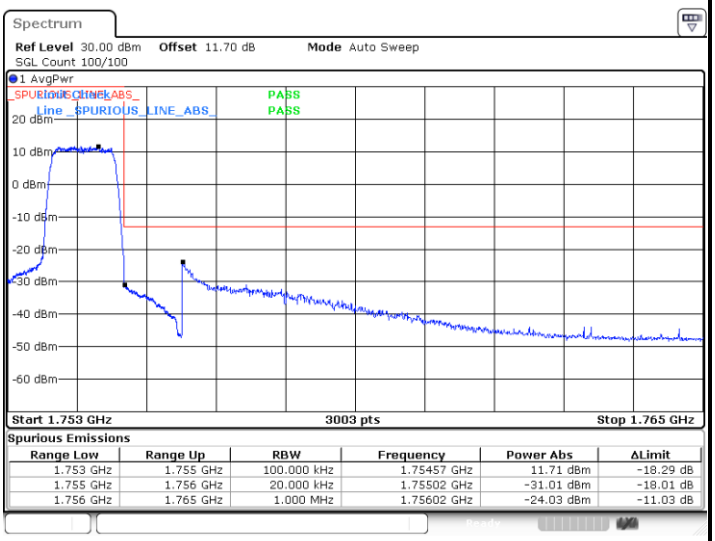



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70889 GHz | -21.13 dBm | -8.13 dB |
| 1.709 GHz | 1.710 GHz | 20.000 kHz | 1.70992 GHz | -36.08 dBm | -23.08 dB |
| 1.710 GHz | 1.712 GHz | 100.000 kHz | 1.71031 GHz | 11.35 dBm | -18.65 dB |

Date: 19.DEC.2019 22:46:16

### Highest Band Edge / Full RB



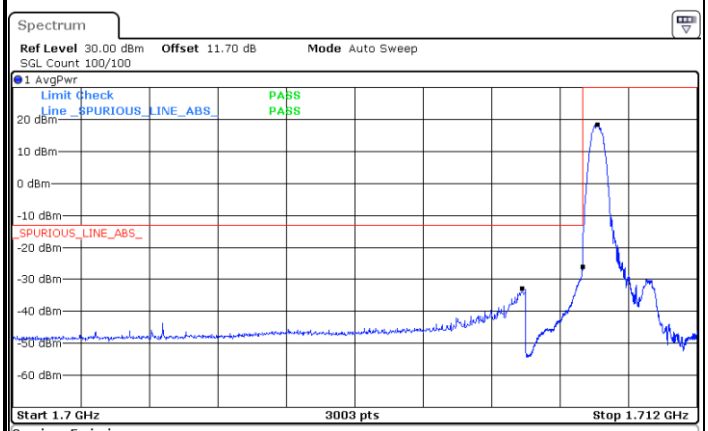

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.753 GHz | 1.755 GHz | 100.000 kHz | 1.75457 GHz | 11.71 dBm | -18.29 dB |
| 1.755 GHz | 1.756 GHz | 20.000 kHz | 1.75502 GHz | -31.01 dBm | -18.01 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75602 GHz | -24.03 dBm | -11.03 dB |

Date: 19.DEC.2019 23:02:43

## LTE Band 4 / 1.4MHz / 16QAM

### Lowest Band Edge / 1 RB

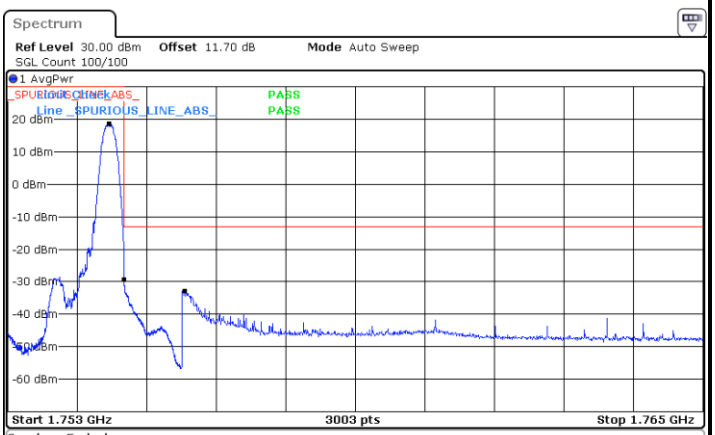



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70893 GHz | -33.00 dBm | -20.00 dB |
| 1.709 GHz | 1.710 GHz | 20.000 kHz | 1.70999 GHz | -26.20 dBm | -13.20 dB |
| 1.710 GHz | 1.712 GHz | 100.000 kHz | 1.71026 GHz | 18.34 dBm | -11.66 dB |

Date: 19.DEC.2019 22:44:55

### Highest Band Edge / 1 RB

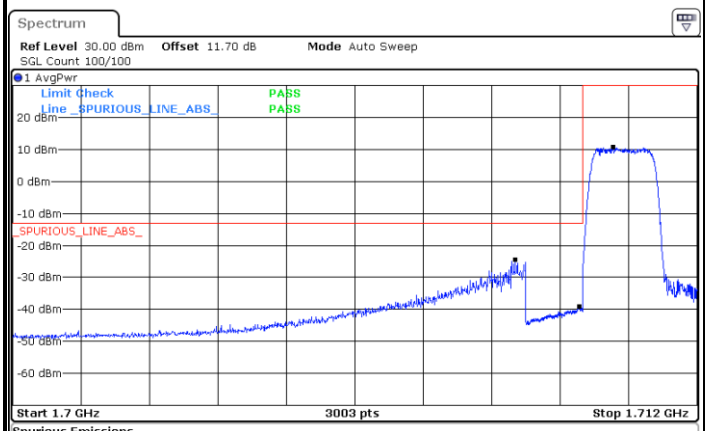



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.753 GHz | 1.755 GHz | 100.000 kHz | 1.75476 GHz | 18.57 dBm | -11.43 dB |
| 1.755 GHz | 1.756 GHz | 20.000 kHz | 1.75500 GHz | -29.39 dBm | -16.39 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75605 GHz | -32.77 dBm | -19.77 dB |

Date: 19.DEC.2019 23:01:21

### Lowest Band Edge / Full RB

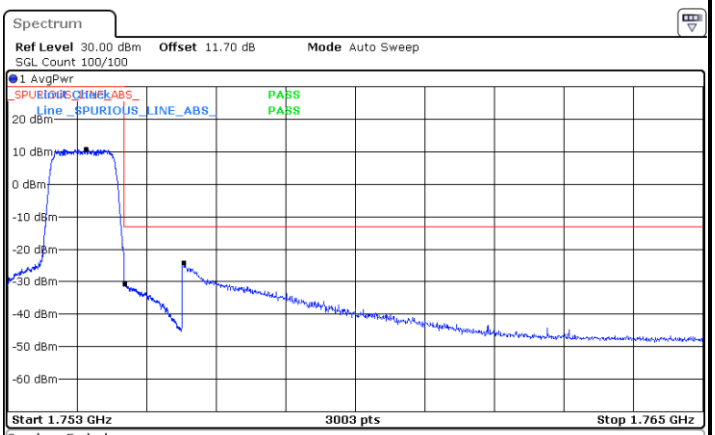



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70881 GHz | -24.38 dBm | -11.38 dB |
| 1.709 GHz | 1.710 GHz | 20.000 kHz | 1.70993 GHz | -39.06 dBm | -26.06 dB |
| 1.710 GHz | 1.712 GHz | 100.000 kHz | 1.71052 GHz | 10.70 dBm | -19.30 dB |

Date: 19.DEC.2019 22:47:37

### Highest Band Edge / Full RB



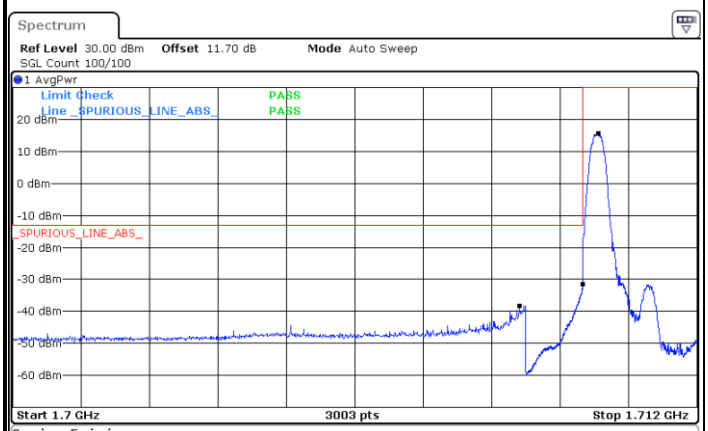

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.753 GHz | 1.755 GHz | 100.000 kHz | 1.75436 GHz | 10.75 dBm | -19.25 dB |
| 1.755 GHz | 1.756 GHz | 20.000 kHz | 1.75502 GHz | -30.61 dBm | -17.61 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75603 GHz | -24.20 dBm | -11.20 dB |

Date: 19.DEC.2019 23:04:04

## LTE Band 4 / 1.4MHz / 64QAM

### Lowest Band Edge / 1 RB

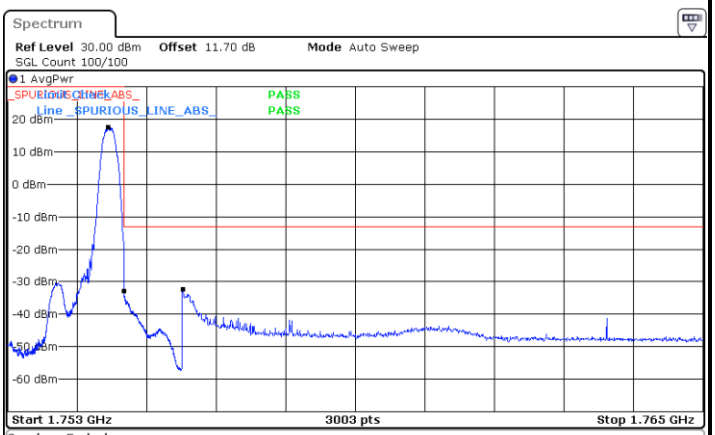



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70889 GHz | -38.24 dBm | -25.24 dB |
| 1.709 GHz | 1.710 GHz | 20.000 kHz | 1.71000 GHz | -31.58 dBm | -18.58 dB |
| 1.710 GHz | 1.712 GHz | 100.000 kHz | 1.71026 GHz | 15.58 dBm | -14.42 dB |

Date: 19.DEC.2019 23:08:15

### Highest Band Edge / 1 RB

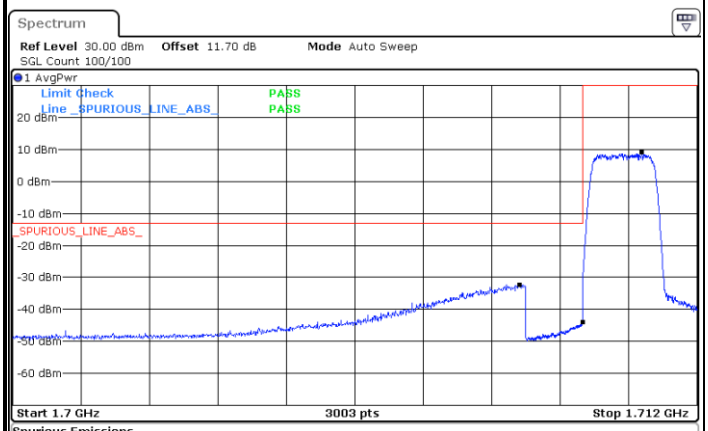



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.753 GHz | 1.755 GHz | 100.000 kHz | 1.75473 GHz | 17.53 dBm | -12.47 dB |
| 1.755 GHz | 1.756 GHz | 20.000 kHz | 1.75500 GHz | -33.00 dBm | -20.00 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75602 GHz | -32.43 dBm | -19.43 dB |

Date: 19.DEC.2019 23:14:12

### Lowest Band Edge / Full RB

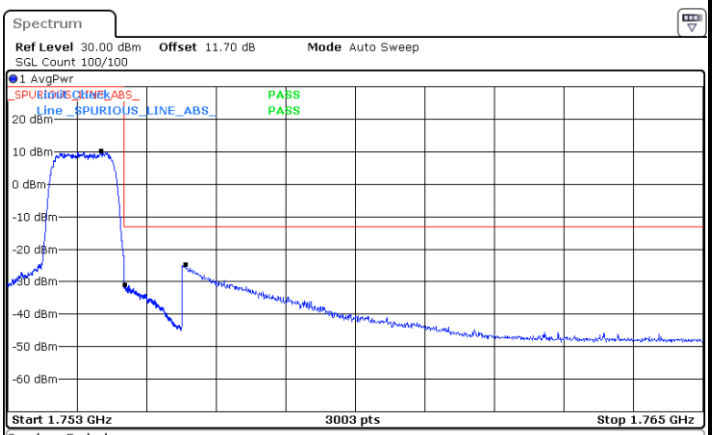



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70888 GHz | -32.22 dBm | -19.22 dB |
| 1.709 GHz | 1.710 GHz | 20.000 kHz | 1.71000 GHz | -44.06 dBm | -31.06 dB |
| 1.710 GHz | 1.712 GHz | 100.000 kHz | 1.71103 GHz | 9.10 dBm | -20.90 dB |

Date: 19.DEC.2019 23:09:36

### Highest Band Edge / Full RB



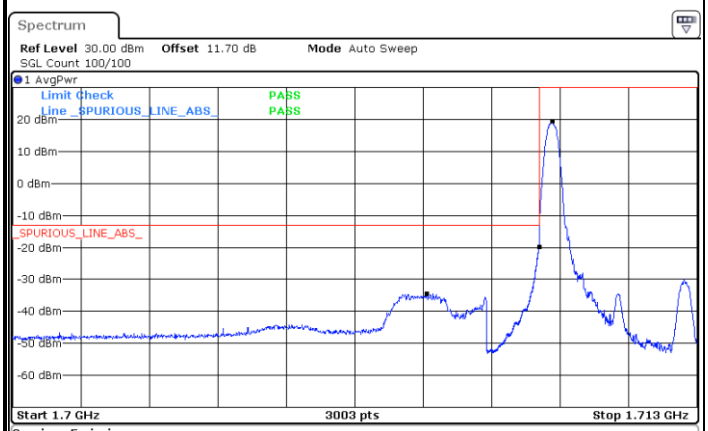

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.753 GHz | 1.755 GHz | 100.000 kHz | 1.75461 GHz | 10.19 dBm | -19.81 dB |
| 1.755 GHz | 1.756 GHz | 20.000 kHz | 1.75502 GHz | -31.00 dBm | -18.00 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75607 GHz | -24.81 dBm | -11.81 dB |

Date: 19.DEC.2019 23:15:35

## LTE Band 4 / 3MHz / QPSK

### Lowest Band Edge / 1RB

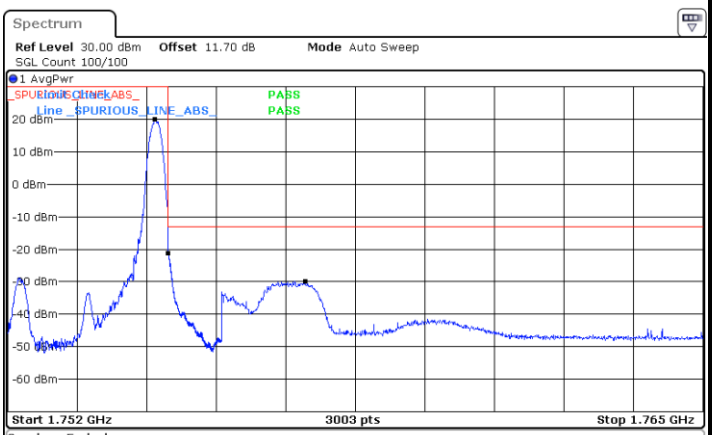



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70787 GHz | -34.51 dBm | -21.51 dB |
| 1.709 GHz | 1.710 GHz | 30.000 kHz | 1.71000 GHz | -19.90 dBm | -6.90 dB |
| 1.710 GHz | 1.713 GHz | 100.000 kHz | 1.71026 GHz | 19.30 dBm | -10.70 dB |

Date: 19.DEC.2019 23:19:40

### Highest Band Edge / 1 RB

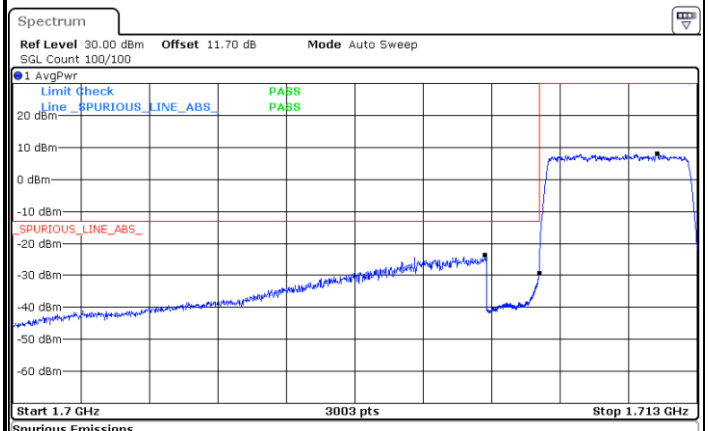



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.752 GHz | 1.755 GHz | 100.000 kHz | 1.75475 GHz | 19.97 dBm | -10.03 dB |
| 1.755 GHz | 1.756 GHz | 30.000 kHz | 1.75500 GHz | -21.34 dBm | -8.34 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75756 GHz | -29.99 dBm | -16.99 dB |

Date: 19.DEC.2019 23:28:32

### Lowest Band Edge / Full RB

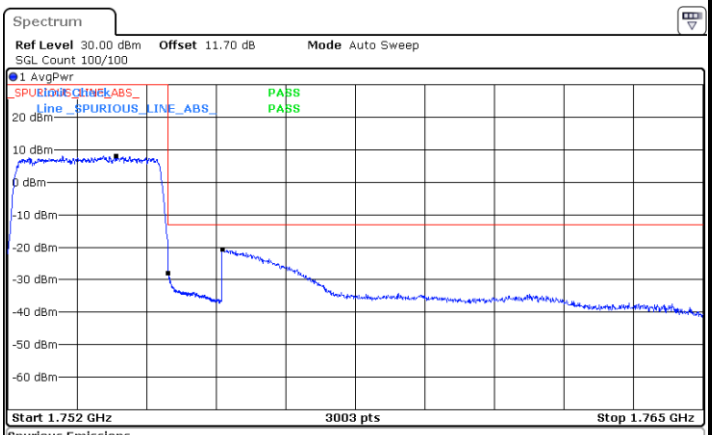



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70896 GHz | -23.70 dBm | -10.70 dB |
| 1.709 GHz | 1.710 GHz | 30.000 kHz | 1.71000 GHz | -29.47 dBm | -16.47 dB |
| 1.710 GHz | 1.713 GHz | 100.000 kHz | 1.71224 GHz | 8.04 dBm | -21.96 dB |

Date: 19.DEC.2019 23:21:23

### Highest Band Edge / Full RB



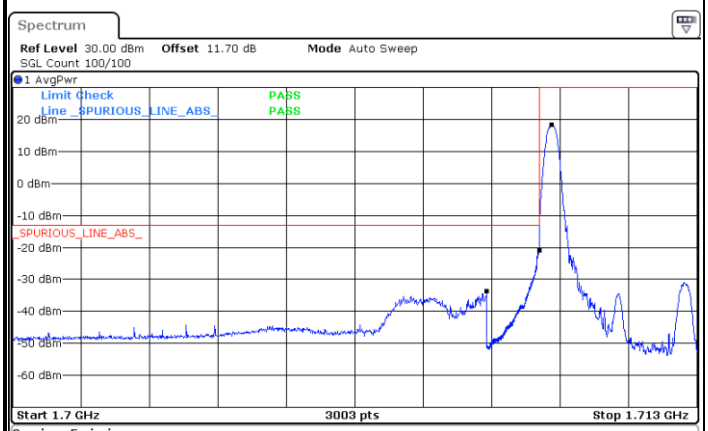

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.752 GHz | 1.755 GHz | 100.000 kHz | 1.75402 GHz | 8.12 dBm | -21.88 dB |
| 1.755 GHz | 1.756 GHz | 30.000 kHz | 1.75500 GHz | -27.92 dBm | -14.92 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75602 GHz | -20.59 dBm | -7.59 dB |

Date: 19.DEC.2019 23:30:14

## LTE Band 4 / 3MHz / 16QAM

### Lowest Band Edge / 1 RB

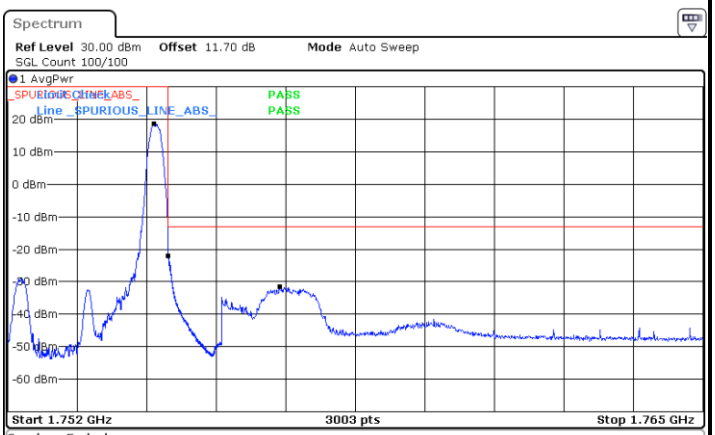



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70900 GHz | -33.65 dBm | -20.65 dB |
| 1.709 GHz | 1.710 GHz | 30.000 kHz | 1.71000 GHz | -20.89 dBm | -7.89 dB |
| 1.710 GHz | 1.713 GHz | 100.000 kHz | 1.71023 GHz | 18.24 dBm | -11.76 dB |

Date: 19.DEC.2019 23:20:32

### Highest Band Edge /1 RB

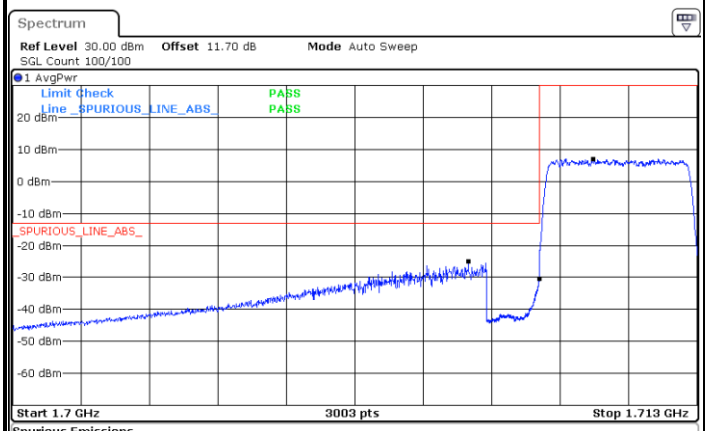



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.752 GHz | 1.755 GHz | 100.000 kHz | 1.75474 GHz | 18.70 dBm | -11.30 dB |
| 1.755 GHz | 1.756 GHz | 30.000 kHz | 1.75500 GHz | -21.97 dBm | -8.97 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75708 GHz | -31.57 dBm | -18.57 dB |

Date: 19.DEC.2019 23:29:23

### Lowest Band Edge / Full RB

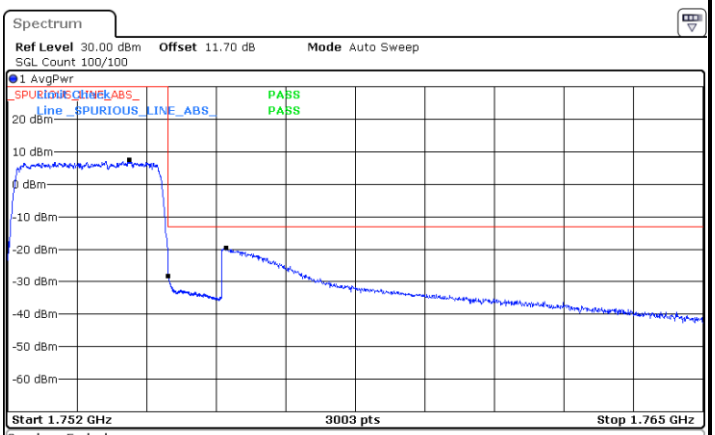



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70866 GHz | -24.90 dBm | -11.90 dB |
| 1.709 GHz | 1.710 GHz | 30.000 kHz | 1.71000 GHz | -30.44 dBm | -17.44 dB |
| 1.710 GHz | 1.713 GHz | 100.000 kHz | 1.71102 GHz | 7.06 dBm | -22.94 dB |

Date: 19.DEC.2019 23:22:14

### Highest Band Edge / Full RB



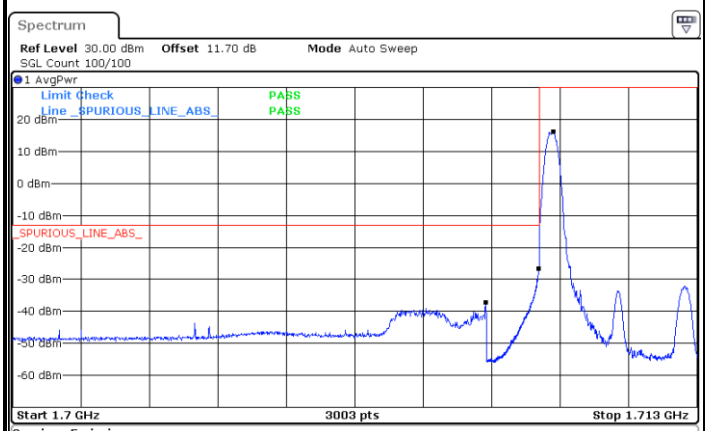

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.752 GHz | 1.755 GHz | 100.000 kHz | 1.75427 GHz | 7.49 dBm | -22.51 dB |
| 1.755 GHz | 1.756 GHz | 30.000 kHz | 1.75500 GHz | -28.19 dBm | -15.19 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75609 GHz | -19.49 dBm | -6.49 dB |

Date: 19.DEC.2019 23:31:05

## LTE Band 4 / 3MHz / 64QAM

### Lowest Band Edge / 1 RB

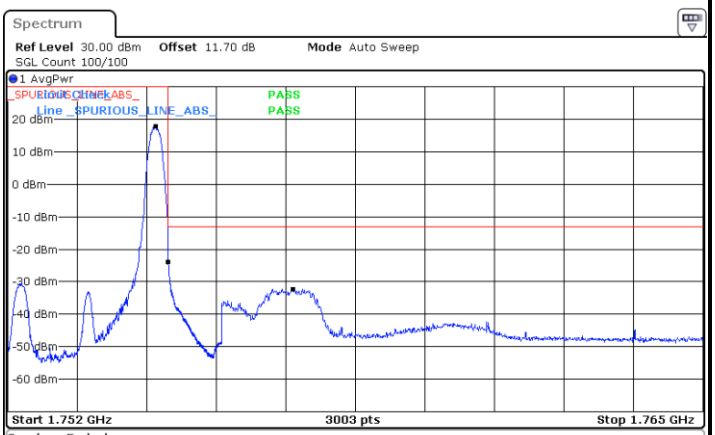



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70899 GHz | -37.18 dBm | -24.18 dB |
| 1.709 GHz | 1.710 GHz | 30.000 kHz | 1.70999 GHz | -26.69 dBm | -13.69 dB |
| 1.710 GHz | 1.713 GHz | 100.000 kHz | 1.71026 GHz | 16.31 dBm | -13.69 dB |

Date: 19.DEC.2019 23:34:14

### Highest Band Edge /1 RB

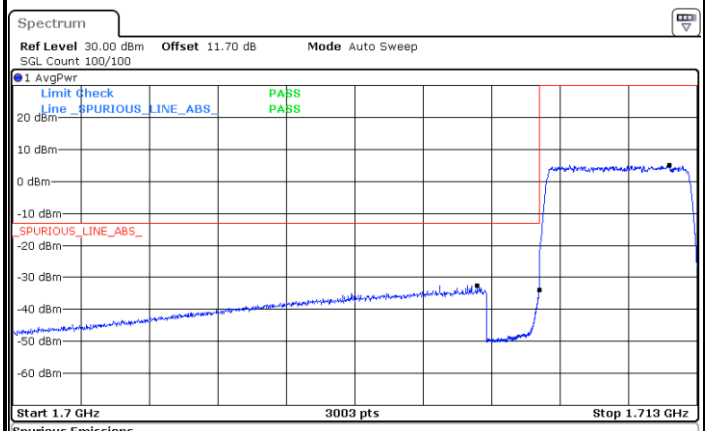



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.752 GHz | 1.755 GHz | 100.000 kHz | 1.75476 GHz | 17.76 dBm | -12.24 dB |
| 1.755 GHz | 1.756 GHz | 30.000 kHz | 1.75500 GHz | -24.05 dBm | -11.05 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75733 GHz | -32.29 dBm | -19.29 dB |

Date: 19.DEC.2019 23:38:38

### Lowest Band Edge / Full RB

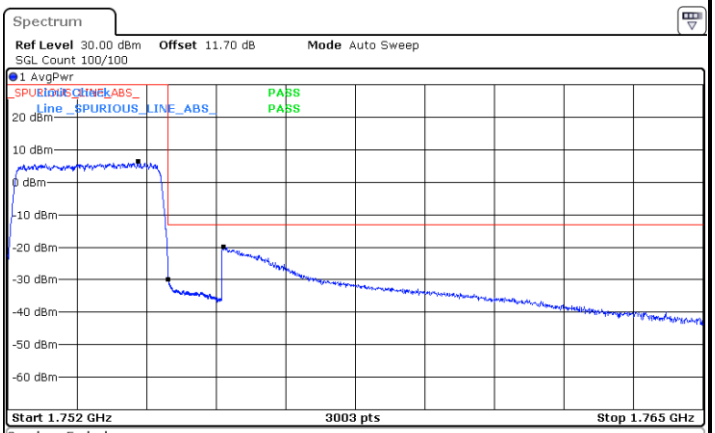



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70882 GHz | -32.50 dBm | -19.50 dB |
| 1.709 GHz | 1.710 GHz | 30.000 kHz | 1.71000 GHz | -34.03 dBm | -21.03 dB |
| 1.710 GHz | 1.713 GHz | 100.000 kHz | 1.71248 GHz | 5.00 dBm | -25.00 dB |

Date: 19.DEC.2019 23:35:05

### Highest Band Edge / Full RB



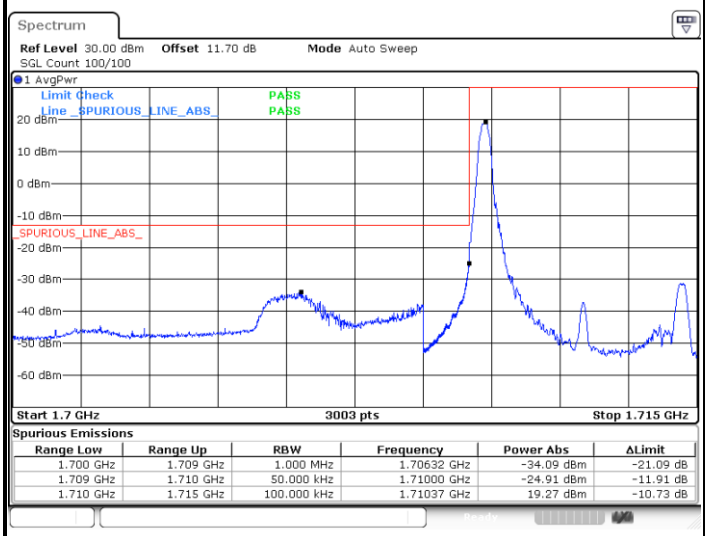

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.752 GHz | 1.755 GHz | 100.000 kHz | 1.75443 GHz | 6.34 dBm | -23.66 dB |
| 1.755 GHz | 1.756 GHz | 30.000 kHz | 1.75500 GHz | -30.00 dBm | -17.00 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75604 GHz | -19.90 dBm | -6.90 dB |

Date: 19.DEC.2019 23:39:29

## LTE Band 4 / 5MHz / QPSK

### Lowest Band Edge / 1 RB

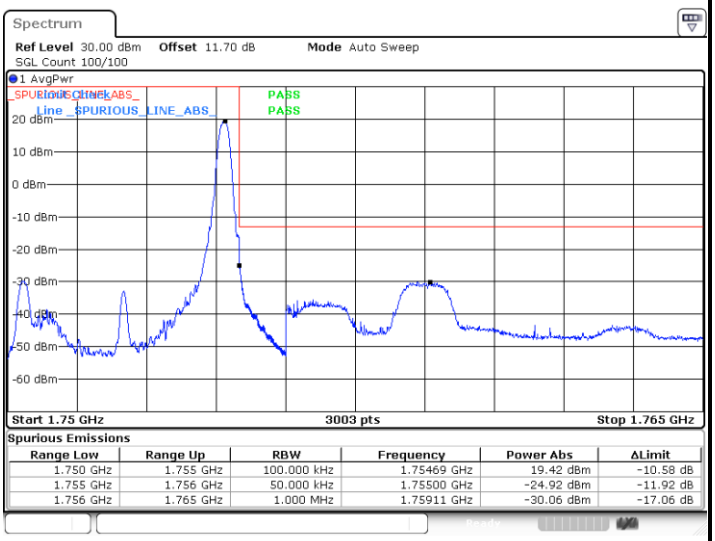



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70632 GHz | -34.09 dBm | -21.09 dB |
| 1.709 GHz | 1.710 GHz | 50.000 kHz | 1.71000 GHz | -24.91 dBm | -11.91 dB |
| 1.710 GHz | 1.715 GHz | 100.000 kHz | 1.71037 GHz | 19.27 dBm | -10.73 dB |

Date: 19.DEC.2019 23:49:39

### Highest Band Edge / 1 RB

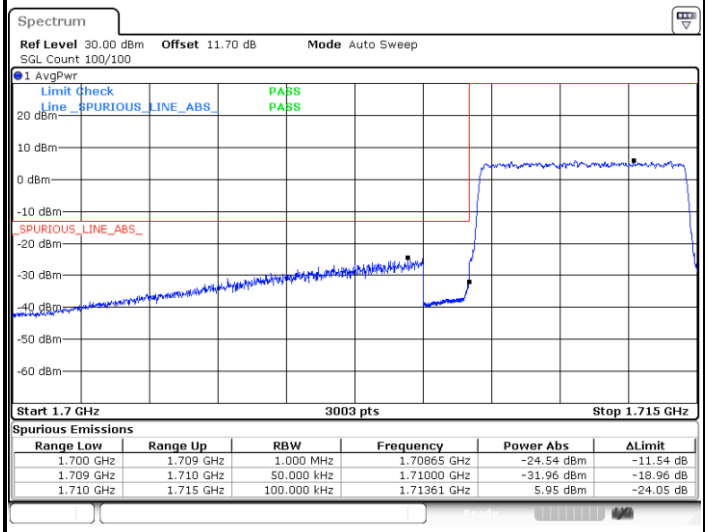



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.750 GHz | 1.755 GHz | 100.000 kHz | 1.75469 GHz | 19.42 dBm | -10.58 dB |
| 1.755 GHz | 1.756 GHz | 50.000 kHz | 1.75500 GHz | -24.92 dBm | -11.92 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75911 GHz | -30.06 dBm | -17.06 dB |

Date: 19.DEC.2019 23:58:28

### Lowest Band Edge / Full RB

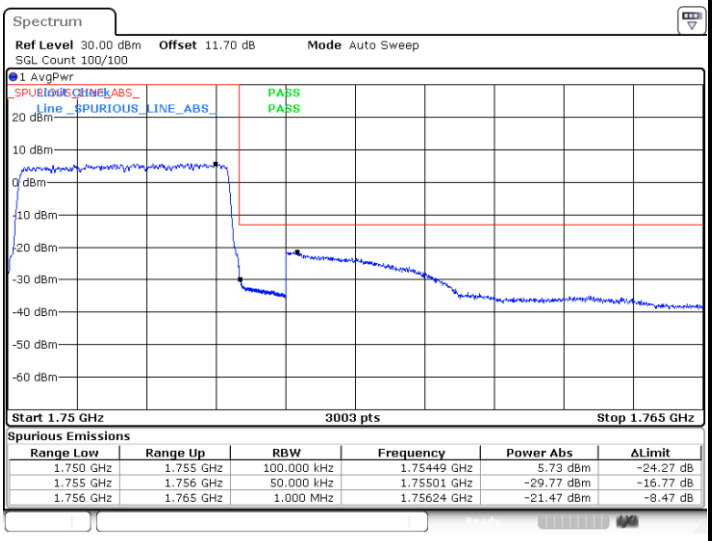



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70865 GHz | -24.54 dBm | -11.54 dB |
| 1.709 GHz | 1.710 GHz | 50.000 kHz | 1.71000 GHz | -31.96 dBm | -18.96 dB |
| 1.710 GHz | 1.715 GHz | 100.000 kHz | 1.71361 GHz | 5.95 dBm | -24.05 dB |

Date: 19.DEC.2019 23:51:21

### Highest Band Edge / Full RB



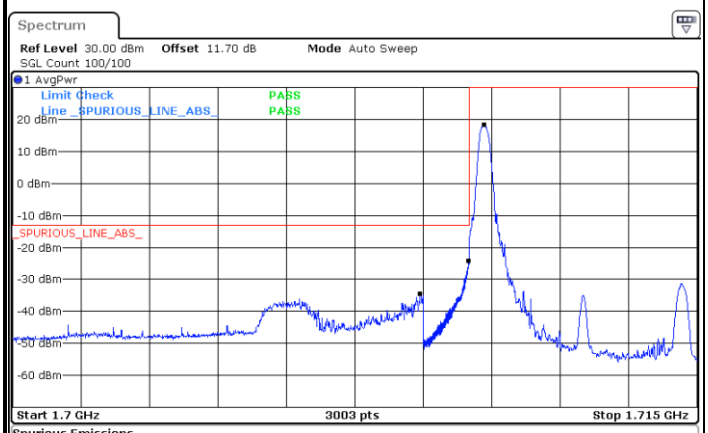

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.750 GHz | 1.755 GHz | 100.000 kHz | 1.75449 GHz | 5.73 dBm | -24.27 dB |
| 1.755 GHz | 1.756 GHz | 50.000 kHz | 1.75501 GHz | -29.77 dBm | -16.77 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75624 GHz | -21.47 dBm | -8.47 dB |

Date: 20.DEC.2019 00:00:10

## LTE Band 4 / 5MHz / 16QAM

### Lowest Band Edge / 1RB

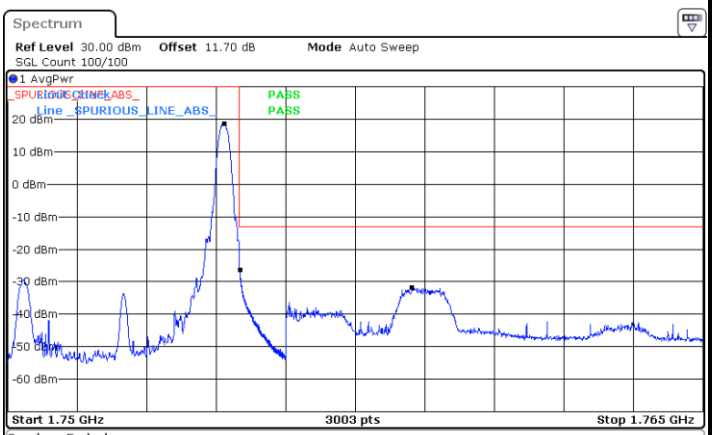



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70891 GHz | -34.46 dBm | -21.46 dB |
| 1.709 GHz | 1.710 GHz | 50.000 kHz | 1.71000 GHz | -24.24 dBm | -11.24 dB |
| 1.710 GHz | 1.715 GHz | 100.000 kHz | 1.71032 GHz | 18.35 dBm | -11.65 dB |

Date: 19.DEC.2019 23:50:30

### Highest Band Edge / 1 RB

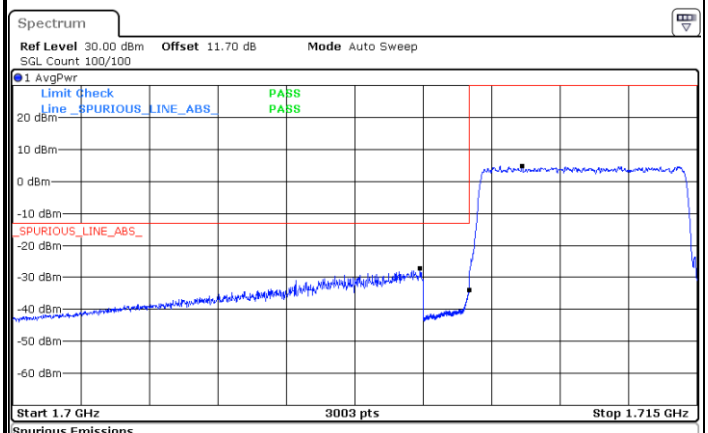



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.750 GHz | 1.755 GHz | 100.000 kHz | 1.75468 GHz | 18.74 dBm | -11.26 dB |
| 1.755 GHz | 1.756 GHz | 50.000 kHz | 1.75500 GHz | -26.30 dBm | -13.30 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75872 GHz | -31.90 dBm | -18.90 dB |

Date: 19.DEC.2019 23:59:19

### Lowest Band Edge / Full RB

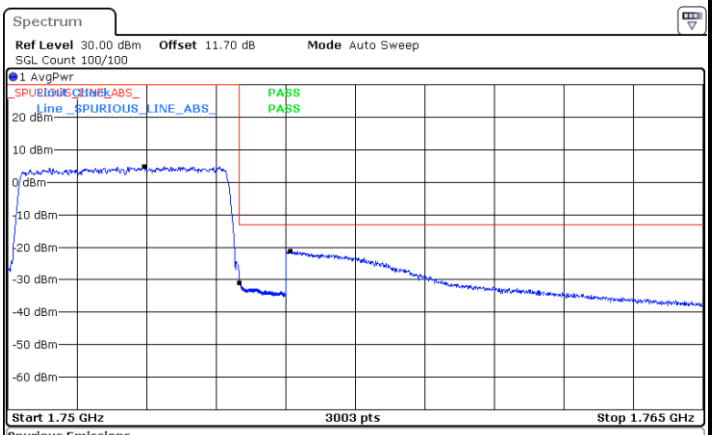



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70893 GHz | -27.09 dBm | -14.09 dB |
| 1.709 GHz | 1.710 GHz | 50.000 kHz | 1.71000 GHz | -34.00 dBm | -21.00 dB |
| 1.710 GHz | 1.715 GHz | 100.000 kHz | 1.71116 GHz | 4.89 dBm | -25.11 dB |

Date: 19.DEC.2019 23:52:12

### Highest Band Edge / Full RB



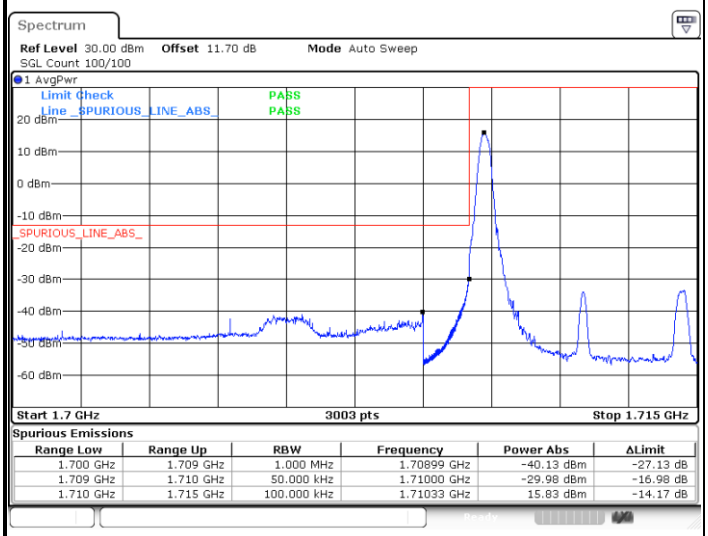

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.750 GHz | 1.755 GHz | 100.000 kHz | 1.75294 GHz | 4.75 dBm | -25.25 dB |
| 1.755 GHz | 1.756 GHz | 50.000 kHz | 1.75500 GHz | -31.08 dBm | -18.08 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75609 GHz | -21.25 dBm | -8.25 dB |

Date: 20.DEC.2019 00:01:02

## LTE Band 4 / 5MHz / 64QAM

### Lowest Band Edge / 1RB

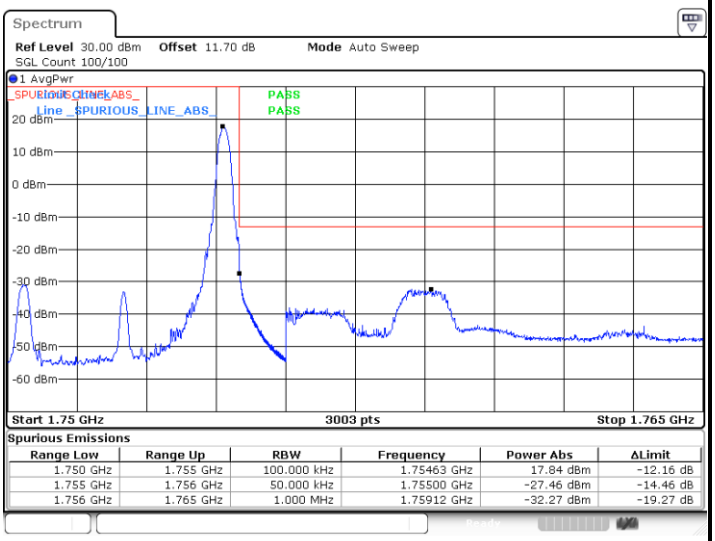



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70899 GHz | -40.13 dBm | -27.13 dB |
| 1.709 GHz | 1.710 GHz | 50.000 kHz | 1.71000 GHz | -29.98 dBm | -16.98 dB |
| 1.710 GHz | 1.715 GHz | 100.000 kHz | 1.71033 GHz | 15.83 dBm | -14.17 dB |

Date: 19.DEC.2019 23:41:43

### Highest Band Edge / 1 RB

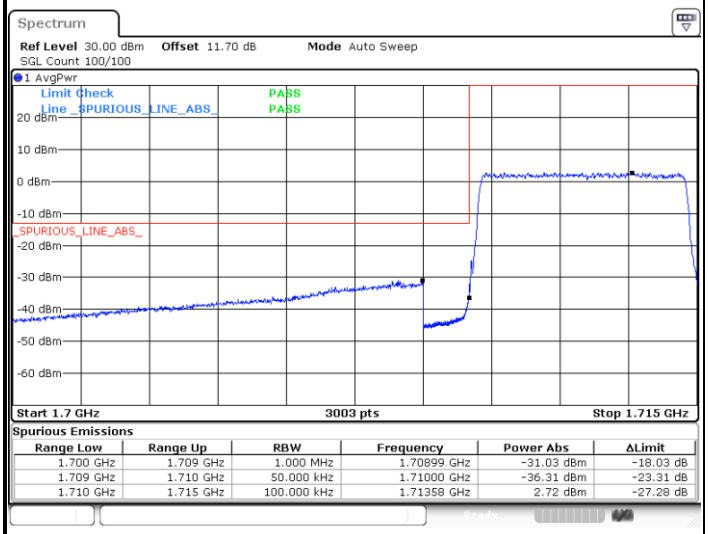



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.750 GHz | 1.755 GHz | 100.000 kHz | 1.75463 GHz | 17.84 dBm | -12.16 dB |
| 1.755 GHz | 1.756 GHz | 50.000 kHz | 1.75500 GHz | -27.46 dBm | -14.46 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75912 GHz | -32.27 dBm | -19.27 dB |

Date: 19.DEC.2019 23:46:07

### Lowest Band Edge / Full RB

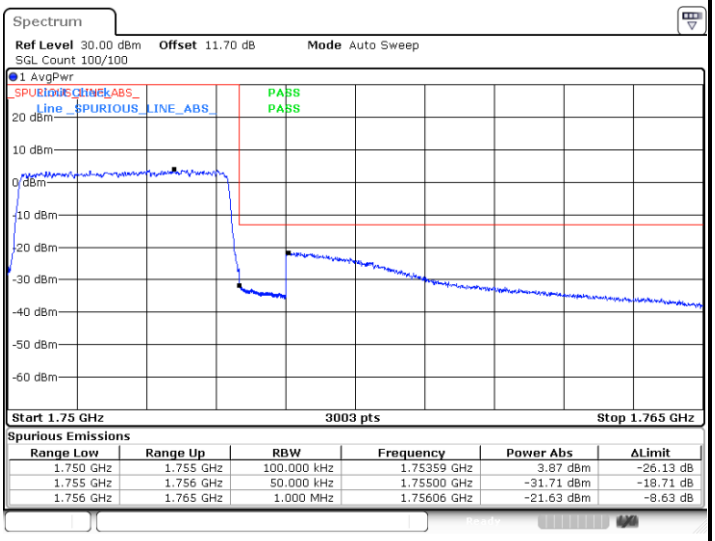



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70899 GHz | -31.03 dBm | -18.03 dB |
| 1.709 GHz | 1.710 GHz | 50.000 kHz | 1.71000 GHz | -36.31 dBm | -23.31 dB |
| 1.710 GHz | 1.715 GHz | 100.000 kHz | 1.71358 GHz | 2.72 dBm | -27.28 dB |

Date: 19.DEC.2019 23:42:34

### Highest Band Edge / Full RB



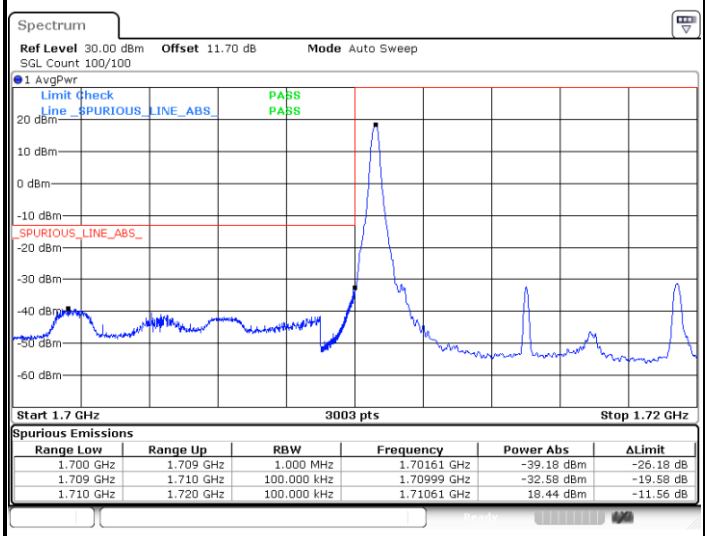

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.750 GHz | 1.755 GHz | 100.000 kHz | 1.75359 GHz | 3.87 dBm | -26.13 dB |
| 1.755 GHz | 1.756 GHz | 50.000 kHz | 1.75500 GHz | -31.71 dBm | -18.71 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75606 GHz | -21.63 dBm | -8.63 dB |

Date: 19.DEC.2019 23:46:58

## LTE Band 4 / 10MHz / QPSK

### Lowest Band Edge / 1 RB

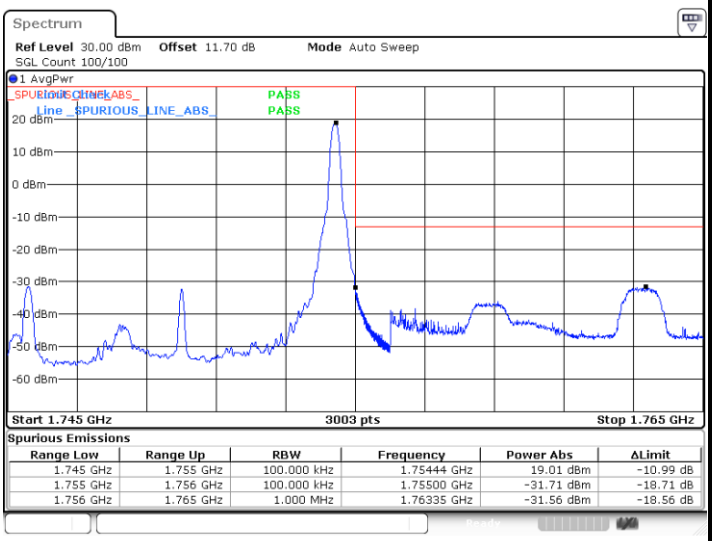



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70161 GHz | -39.18 dBm | -26.18 dB |
| 1.709 GHz | 1.710 GHz | 100.000 kHz | 1.70999 GHz | -32.58 dBm | -19.58 dB |
| 1.710 GHz | 1.720 GHz | 100.000 kHz | 1.71061 GHz | 18.44 dBm | -11.56 dB |

Date: 20.DEC.2019 00:04:37

### Highest Band Edge / 1 RB

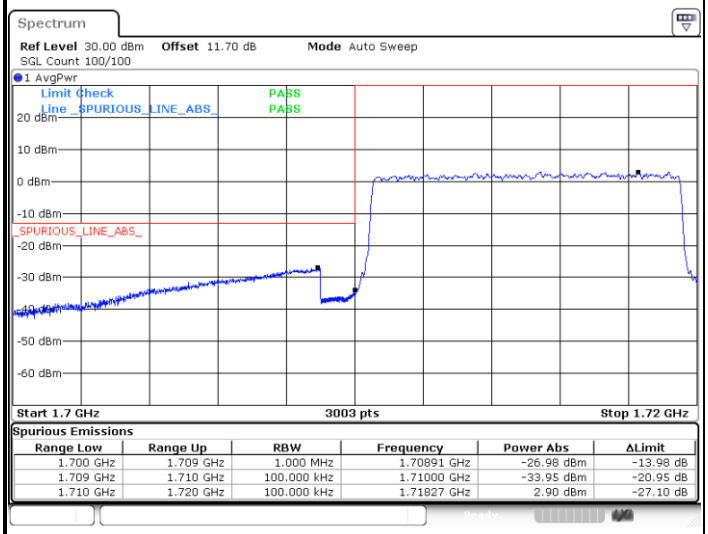



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.745 GHz | 1.755 GHz | 100.000 kHz | 1.75444 GHz | 19.01 dBm | -10.99 dB |
| 1.755 GHz | 1.756 GHz | 100.000 kHz | 1.75500 GHz | -31.71 dBm | -18.71 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.76335 GHz | -31.56 dBm | -18.56 dB |

Date: 20.DEC.2019 00:13:28

### Lowest Band Edge / Full RB

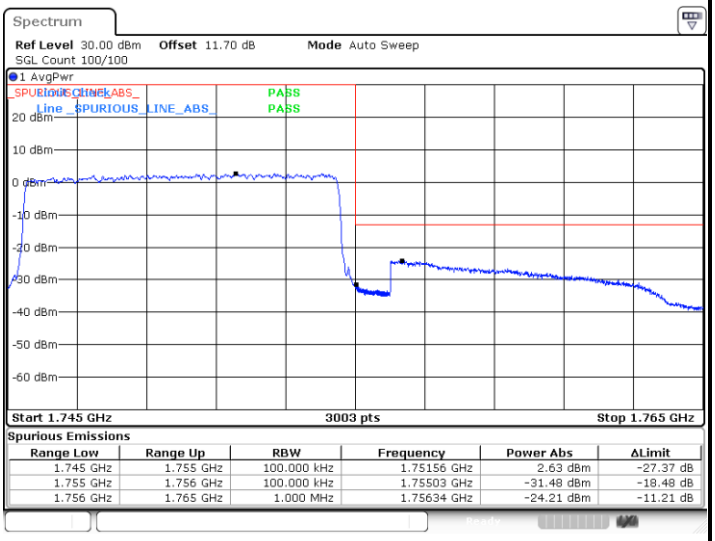



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70891 GHz | -26.98 dBm | -13.98 dB |
| 1.709 GHz | 1.710 GHz | 100.000 kHz | 1.71000 GHz | -33.95 dBm | -20.95 dB |
| 1.710 GHz | 1.720 GHz | 100.000 kHz | 1.71827 GHz | 2.90 dBm | -27.10 dB |

Date: 20.DEC.2019 00:06:19

### Highest Band Edge / Full RB



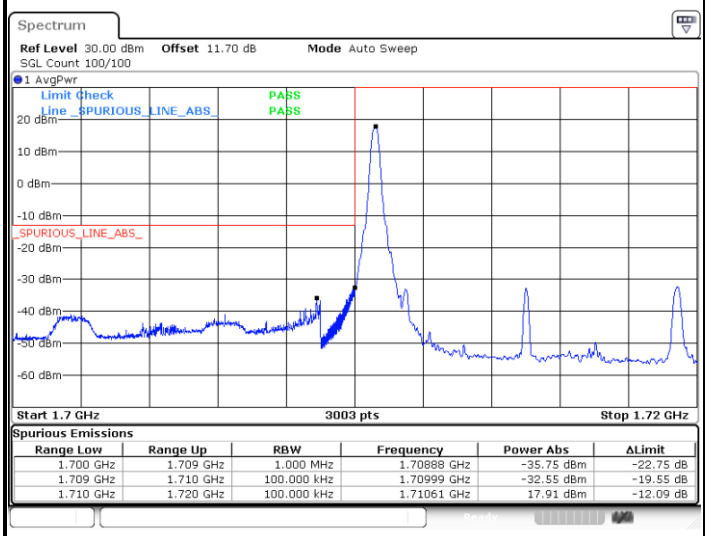

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.745 GHz | 1.755 GHz | 100.000 kHz | 1.75156 GHz | 2.63 dBm | -27.37 dB |
| 1.755 GHz | 1.756 GHz | 100.000 kHz | 1.75503 GHz | -31.48 dBm | -18.48 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75634 GHz | -24.21 dBm | -11.21 dB |

Date: 20.DEC.2019 00:15:11

## LTE Band 4 / 10MHz / 16QAM

### Lowest Band Edge / 1 RB

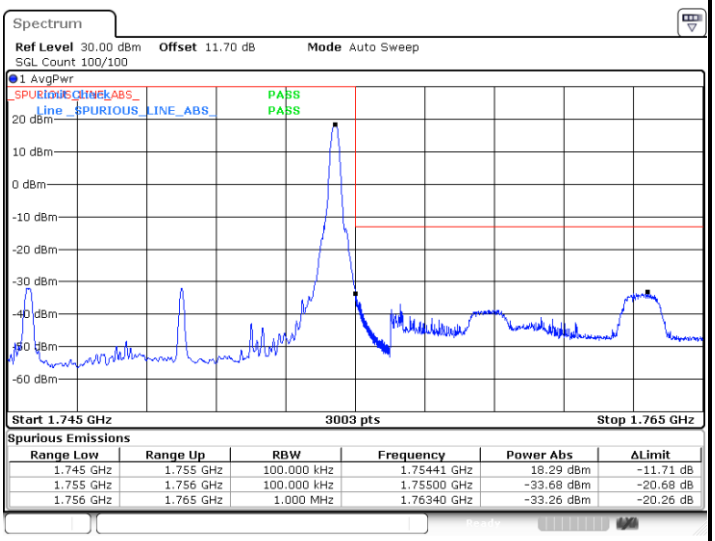



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70888 GHz | -35.75 dBm | -22.75 dB |
| 1.709 GHz | 1.710 GHz | 100.000 kHz | 1.70999 GHz | -32.55 dBm | -19.55 dB |
| 1.710 GHz | 1.720 GHz | 100.000 kHz | 1.71061 GHz | 17.91 dBm | -12.09 dB |

Date: 20.DEC.2019 00:05:28

### Highest Band Edge / 1 RB

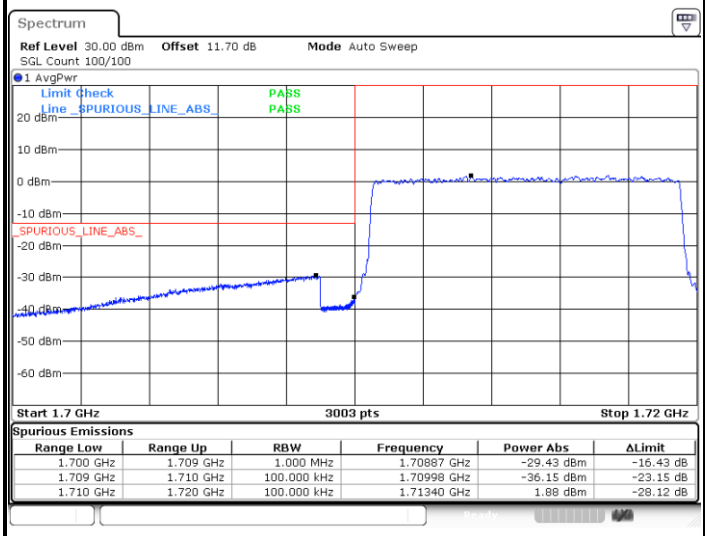



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.745 GHz | 1.755 GHz | 100.000 kHz | 1.75441 GHz | 18.29 dBm | -11.71 dB |
| 1.755 GHz | 1.756 GHz | 100.000 kHz | 1.75500 GHz | -33.68 dBm | -20.68 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.76340 GHz | -33.26 dBm | -20.26 dB |

Date: 20.DEC.2019 00:14:20

### Lowest Band Edge / Full RB

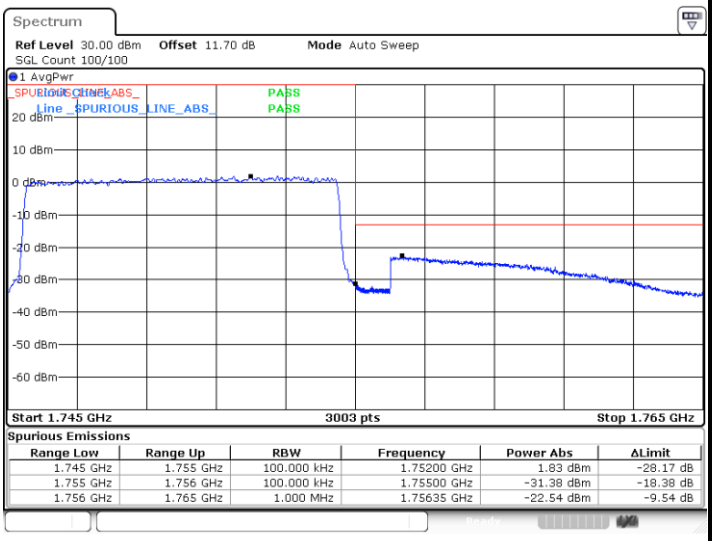



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70887 GHz | -29.43 dBm | -16.43 dB |
| 1.709 GHz | 1.710 GHz | 100.000 kHz | 1.70998 GHz | -36.15 dBm | -23.15 dB |
| 1.710 GHz | 1.720 GHz | 100.000 kHz | 1.71340 GHz | 1.88 dBm | -28.12 dB |

Date: 20.DEC.2019 00:07:10

### Highest Band Edge / Full RB



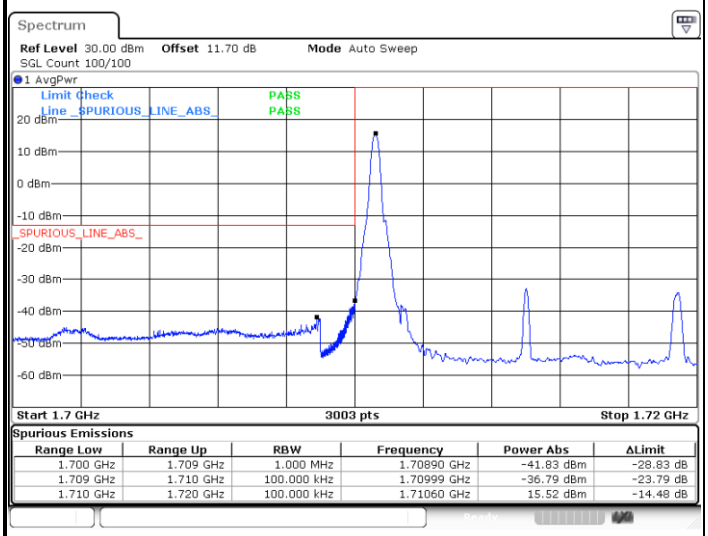

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.745 GHz | 1.755 GHz | 100.000 kHz | 1.75200 GHz | 1.83 dBm | -28.17 dB |
| 1.755 GHz | 1.756 GHz | 100.000 kHz | 1.75500 GHz | -31.38 dBm | -18.38 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75635 GHz | -22.54 dBm | -9.54 dB |

Date: 20.DEC.2019 00:16:02

## LTE Band 4 / 10MHz / 64QAM

### Lowest Band Edge / 1 RB

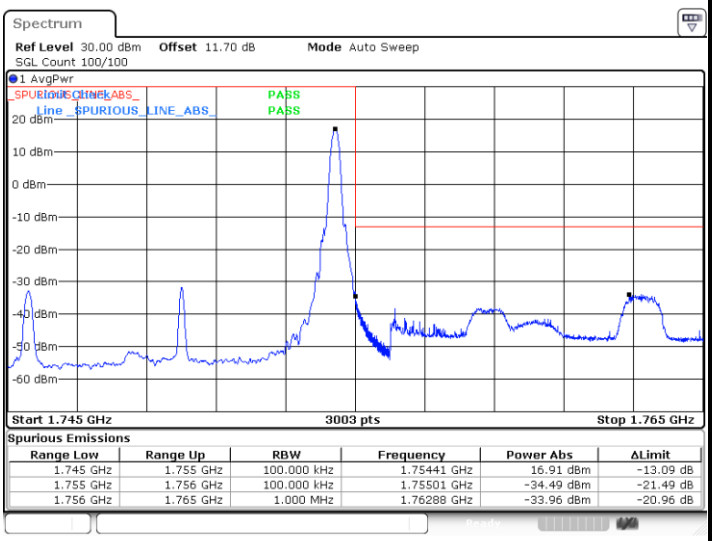



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70890 GHz | -41.83 dBm | -28.83 dB |
| 1.709 GHz | 1.710 GHz | 100.000 kHz | 1.70999 GHz | -36.79 dBm | -23.79 dB |
| 1.710 GHz | 1.720 GHz | 100.000 kHz | 1.71060 GHz | 15.52 dBm | -14.48 dB |

Date: 20.DEC.2019 00:19:09

### Highest Band Edge / 1 RB

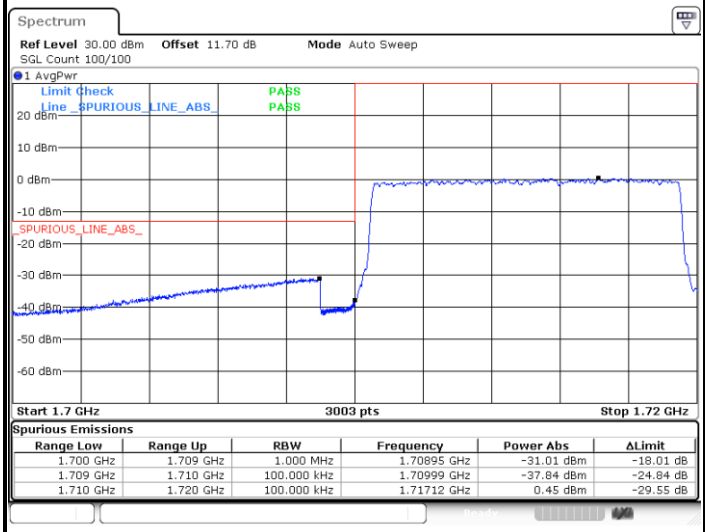



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.745 GHz | 1.755 GHz | 100.000 kHz | 1.75441 GHz | 16.91 dBm | -13.09 dB |
| 1.755 GHz | 1.756 GHz | 100.000 kHz | 1.75501 GHz | -34.49 dBm | -21.49 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.76288 GHz | -33.96 dBm | -20.96 dB |

Date: 20.DEC.2019 00:23:33

### Lowest Band Edge / Full RB

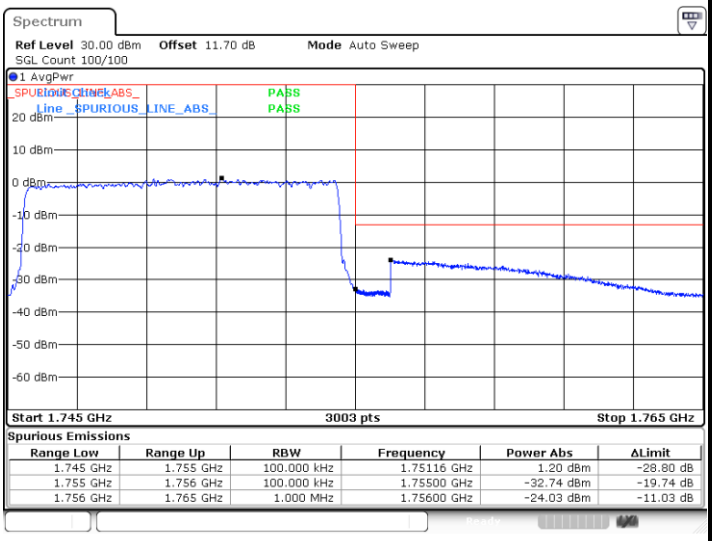



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70895 GHz | -31.01 dBm | -18.01 dB |
| 1.709 GHz | 1.710 GHz | 100.000 kHz | 1.70999 GHz | -37.84 dBm | -24.84 dB |
| 1.710 GHz | 1.720 GHz | 100.000 kHz | 1.71712 GHz | 0.45 dBm | -29.55 dB |

Date: 20.DEC.2019 00:20:00

### Highest Band Edge / Full RB



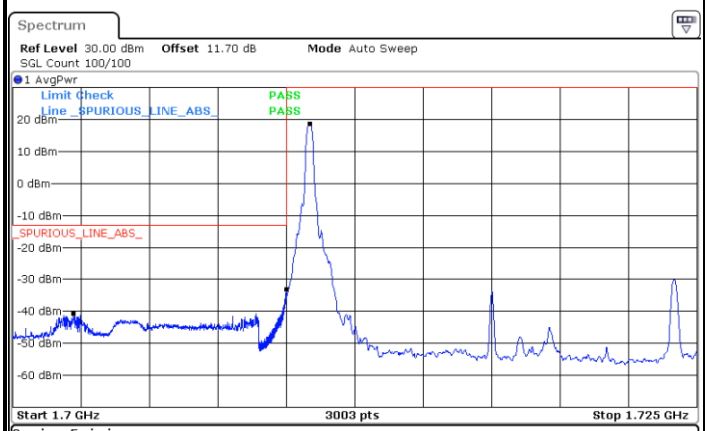

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.745 GHz | 1.755 GHz | 100.000 kHz | 1.75116 GHz | 1.20 dBm | -28.80 dB |
| 1.755 GHz | 1.756 GHz | 100.000 kHz | 1.75500 GHz | -32.74 dBm | -19.74 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75600 GHz | -24.03 dBm | -11.03 dB |

Date: 20.DEC.2019 00:24:24

## LTE Band 4 / 15MHz / QPSK

### Lowest Band Edge / 1 RB

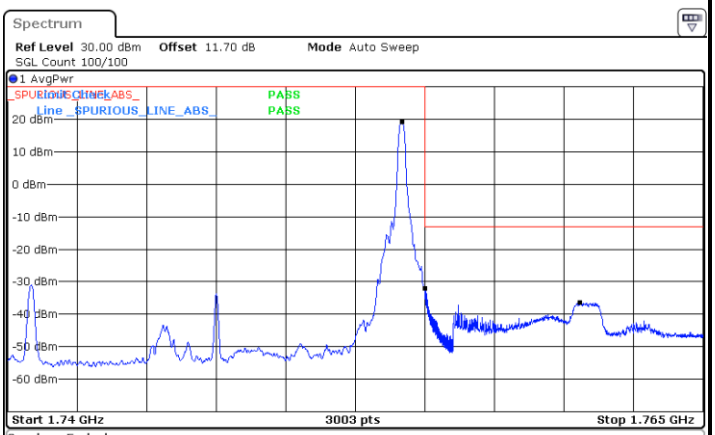



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70222 GHz | -40.75 dBm | -27.75 dB |
| 1.709 GHz | 1.710 GHz | 150.000 kHz | 1.71000 GHz | -33.05 dBm | -20.05 dB |
| 1.710 GHz | 1.725 GHz | 100.000 kHz | 1.71086 GHz | 18.70 dBm | -11.30 dB |

Date: 20.DEC.2019 00:27:05

### Highest Band Edge / 1 RB

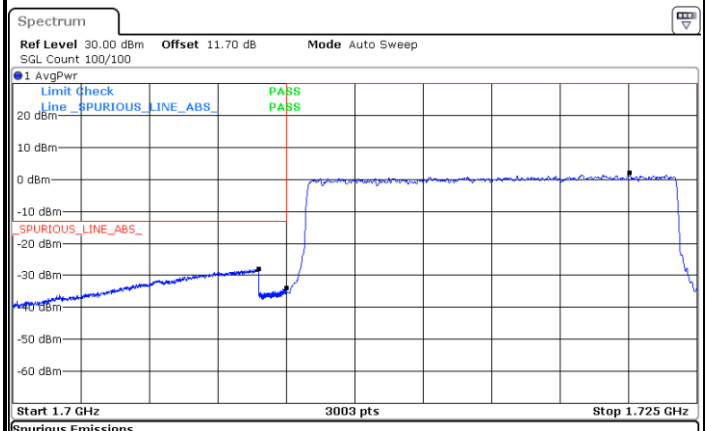



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.740 GHz | 1.755 GHz | 100.000 kHz | 1.75418 GHz | 19.19 dBm | -10.81 dB |
| 1.755 GHz | 1.756 GHz | 150.000 kHz | 1.75500 GHz | -31.95 dBm | -18.95 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.76057 GHz | -36.52 dBm | -23.52 dB |

Date: 20.DEC.2019 00:35:55

### Lowest Band Edge / Full RB

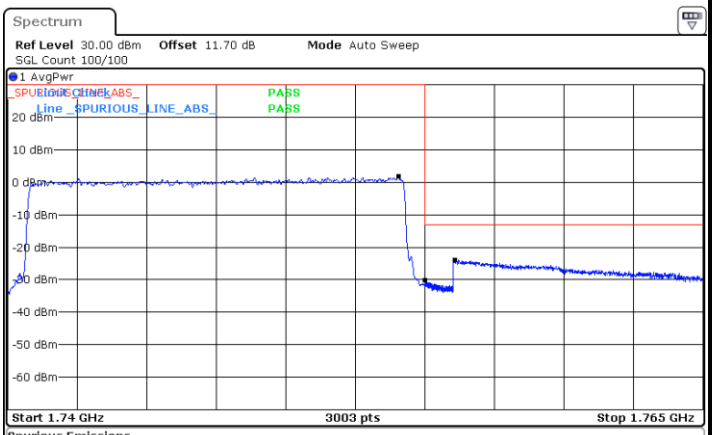



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70900 GHz | -28.01 dBm | -15.01 dB |
| 1.709 GHz | 1.710 GHz | 150.000 kHz | 1.71000 GHz | -33.86 dBm | -20.86 dB |
| 1.710 GHz | 1.725 GHz | 100.000 kHz | 1.72252 GHz | 2.11 dBm | -27.89 dB |

Date: 20.DEC.2019 00:28:48

### Highest Band Edge / Full RB



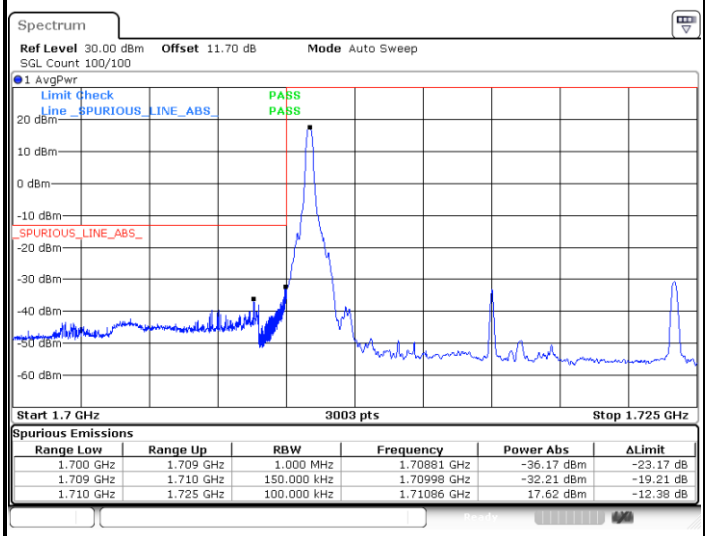

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.740 GHz | 1.755 GHz | 100.000 kHz | 1.75405 GHz | 1.77 dBm | -28.23 dB |
| 1.755 GHz | 1.756 GHz | 150.000 kHz | 1.75501 GHz | -30.22 dBm | -17.22 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75607 GHz | -23.94 dBm | -10.94 dB |

Date: 20.DEC.2019 00:37:37

## LTE Band 4 / 15MHz / 16QAM

### Lowest Band Edge / 1 RB

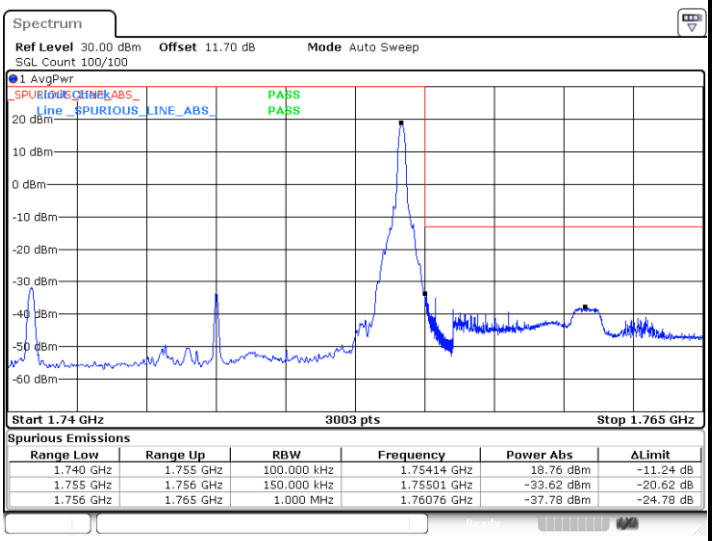



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70881 GHz | -36.17 dBm | -23.17 dB |
| 1.709 GHz | 1.710 GHz | 150.000 kHz | 1.70998 GHz | -32.21 dBm | -19.21 dB |
| 1.710 GHz | 1.725 GHz | 100.000 kHz | 1.71086 GHz | 17.62 dBm | -12.38 dB |

Date: 20.DEC.2019 00:27:57

### Highest Band Edge / 1 RB

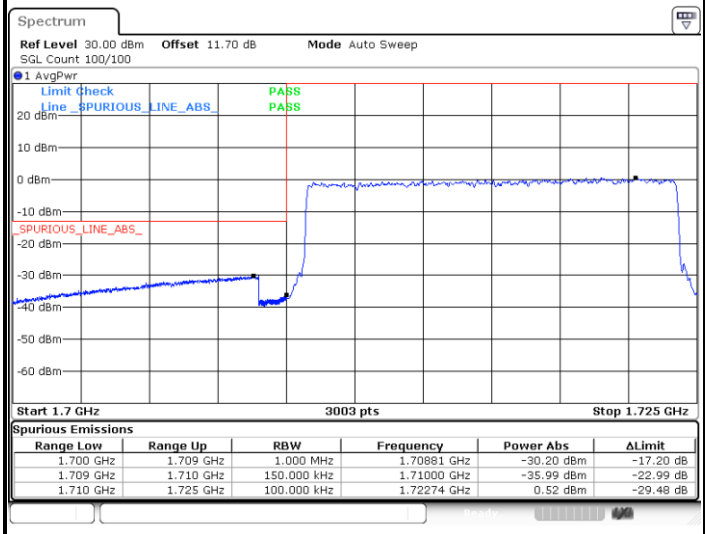



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.740 GHz | 1.755 GHz | 100.000 kHz | 1.75414 GHz | 18.76 dBm | -11.24 dB |
| 1.755 GHz | 1.756 GHz | 150.000 kHz | 1.75501 GHz | -33.62 dBm | -20.62 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.76076 GHz | -37.78 dBm | -24.78 dB |

Date: 20.DEC.2019 00:36:46

### Lowest Band Edge / Full RB

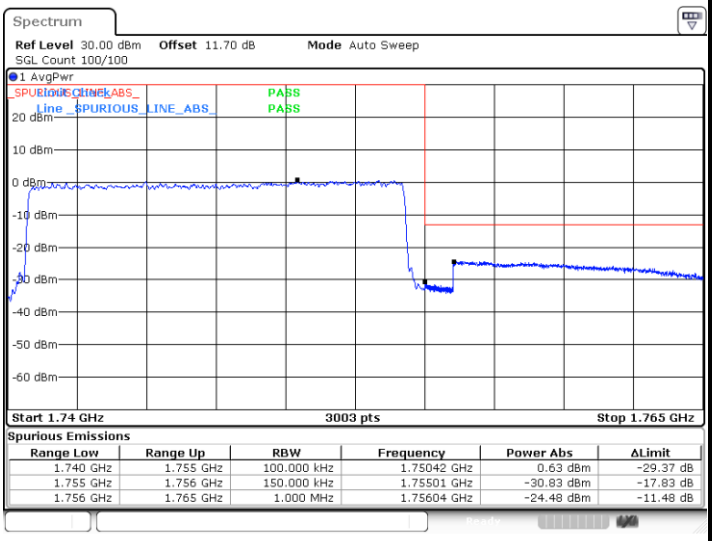



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70881 GHz | -30.20 dBm | -17.20 dB |
| 1.709 GHz | 1.710 GHz | 150.000 kHz | 1.71000 GHz | -35.99 dBm | -22.99 dB |
| 1.710 GHz | 1.725 GHz | 100.000 kHz | 1.72274 GHz | 0.52 dBm | -29.48 dB |

Date: 20.DEC.2019 00:29:39

### Highest Band Edge / Full RB



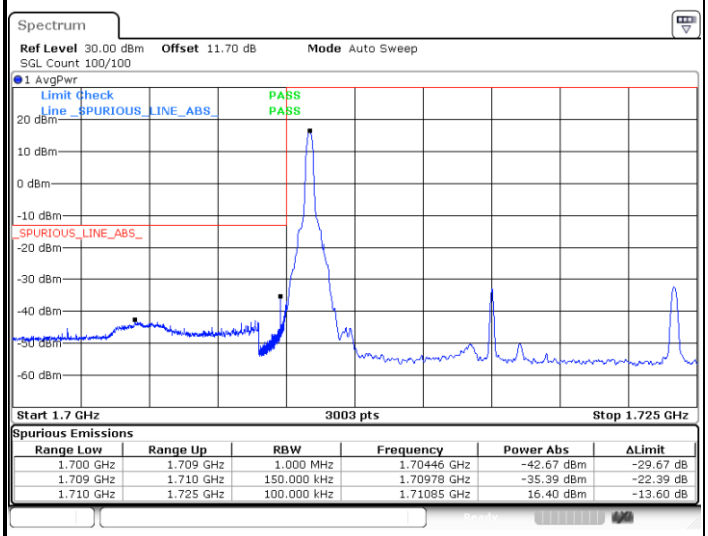

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.740 GHz | 1.755 GHz | 100.000 kHz | 1.75042 GHz | 0.63 dBm | -29.37 dB |
| 1.755 GHz | 1.756 GHz | 150.000 kHz | 1.75501 GHz | -30.83 dBm | -17.83 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75604 GHz | -24.48 dBm | -11.48 dB |

Date: 20.DEC.2019 00:38:28

## LTE Band 4 / 15MHz / 64QAM

### Lowest Band Edge / 1 RB

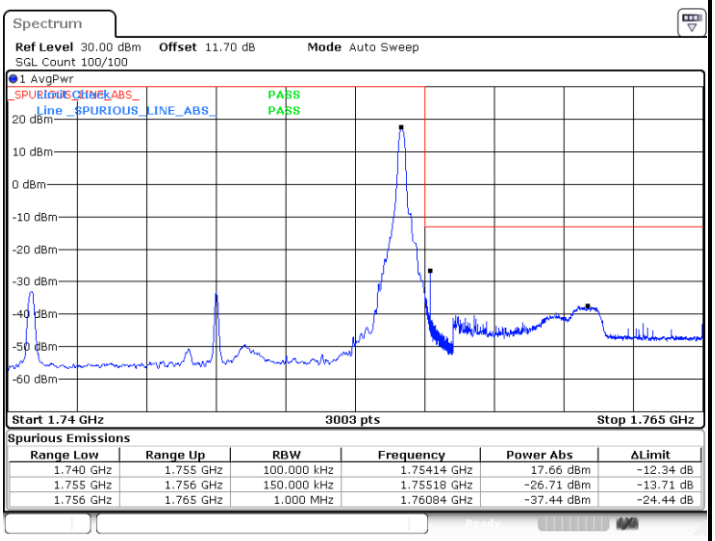



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70446 GHz | -42.67 dBm | -29.67 dB |
| 1.709 GHz | 1.710 GHz | 150.000 kHz | 1.70978 GHz | -35.39 dBm | -22.39 dB |
| 1.710 GHz | 1.725 GHz | 100.000 kHz | 1.71085 GHz | 16.40 dBm | -13.60 dB |

Date: 20.DEC.2019 00:41:35

### Highest Band Edge / 1 RB

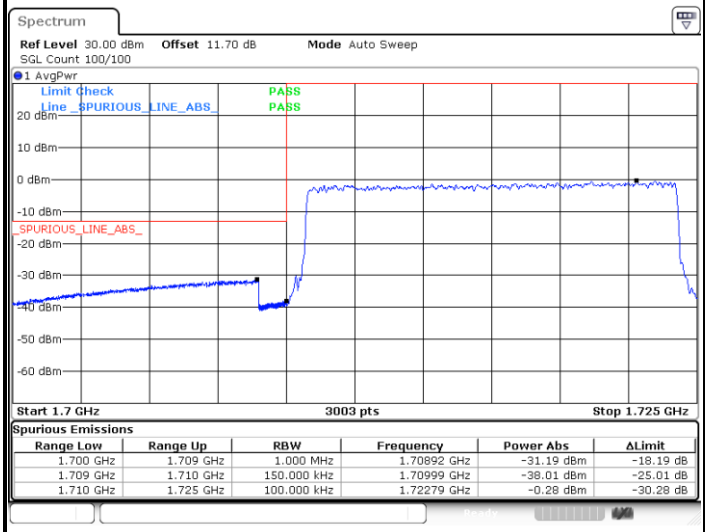



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.740 GHz | 1.755 GHz | 100.000 kHz | 1.75414 GHz | 17.66 dBm | -12.34 dB |
| 1.755 GHz | 1.756 GHz | 150.000 kHz | 1.75518 GHz | -26.71 dBm | -13.71 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.76084 GHz | -37.44 dBm | -24.44 dB |

Date: 20.DEC.2019 00:46:00

### Lowest Band Edge / Full RB

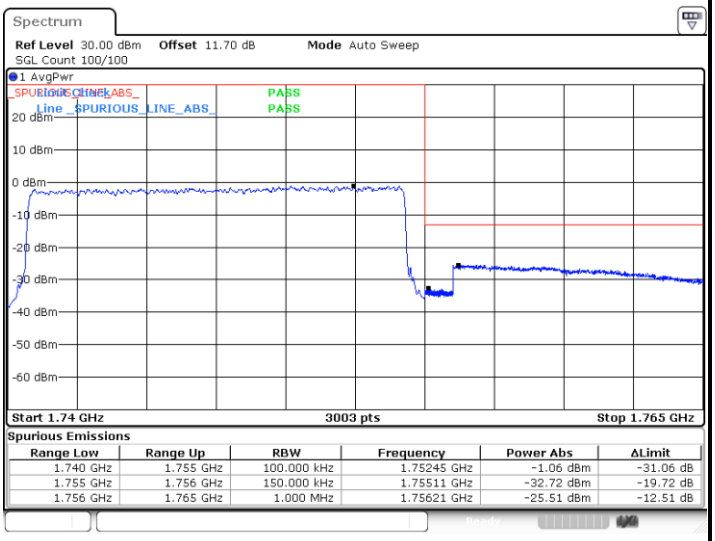



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70892 GHz | -31.19 dBm | -18.19 dB |
| 1.709 GHz | 1.710 GHz | 150.000 kHz | 1.70999 GHz | -38.01 dBm | -25.01 dB |
| 1.710 GHz | 1.725 GHz | 100.000 kHz | 1.72279 GHz | -0.28 dBm | -30.28 dB |

Date: 20.DEC.2019 00:42:26

### Highest Band Edge / Full RB



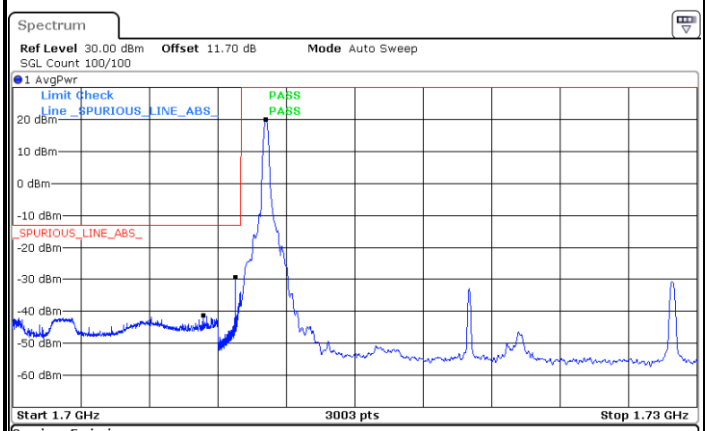

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.740 GHz | 1.755 GHz | 100.000 kHz | 1.75245 GHz | -1.06 dBm | -31.06 dB |
| 1.755 GHz | 1.756 GHz | 150.000 kHz | 1.75511 GHz | -32.72 dBm | -19.72 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75621 GHz | -25.51 dBm | -12.51 dB |

Date: 20.DEC.2019 00:46:51

## LTE Band 4 / 20MHz / QPSK

### Lowest Band Edge / 1 RB

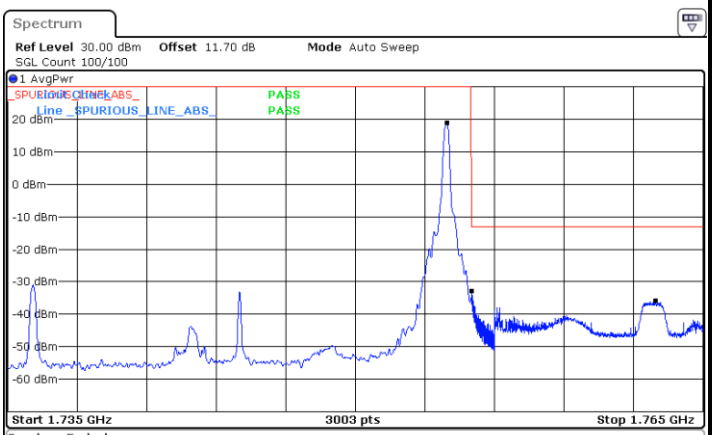



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70834 GHz | -41.20 dBm | -28.20 dB |
| 1.709 GHz | 1.710 GHz | 200.000 kHz | 1.70977 GHz | -29.28 dBm | -16.28 dB |
| 1.710 GHz | 1.730 GHz | 100.000 kHz | 1.71109 GHz | 19.85 dBm | -10.15 dB |

Date: 20.DEC.2019 00:49:38

### Highest Band Edge / 1 RB

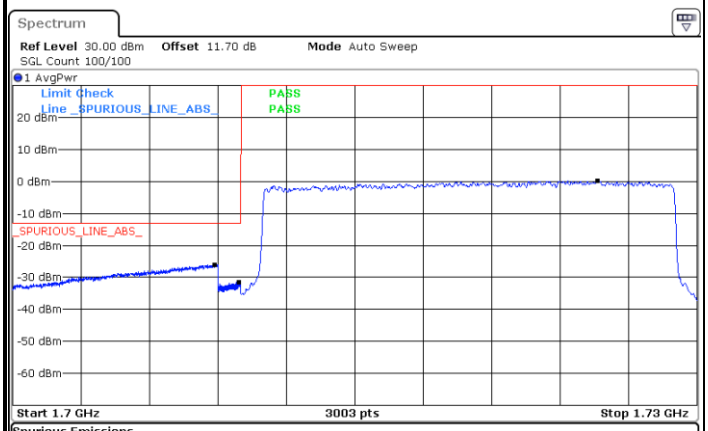



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.735 GHz | 1.755 GHz | 100.000 kHz | 1.75393 GHz | 19.02 dBm | -10.98 dB |
| 1.755 GHz | 1.756 GHz | 200.000 kHz | 1.75501 GHz | -32.84 dBm | -19.84 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.76296 GHz | -35.75 dBm | -22.75 dB |

Date: 20.DEC.2019 00:58:29

### Lowest Band Edge / Full RB

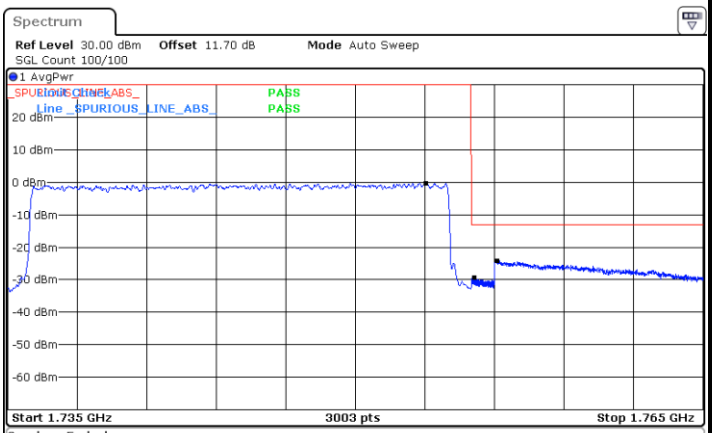



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70883 GHz | -26.05 dBm | -13.05 dB |
| 1.709 GHz | 1.710 GHz | 200.000 kHz | 1.70993 GHz | -31.43 dBm | -18.43 dB |
| 1.710 GHz | 1.730 GHz | 100.000 kHz | 1.72561 GHz | 0.18 dBm | -29.82 dB |

Date: 20.DEC.2019 00:51:23

### Highest Band Edge / Full RB




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.735 GHz | 1.755 GHz | 100.000 kHz | 1.75305 GHz | -0.39 dBm | -30.39 dB |
| 1.755 GHz | 1.756 GHz | 200.000 kHz | 1.75511 GHz | -29.43 dBm | -16.43 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75612 GHz | -24.14 dBm | -11.14 dB |

Date: 20.DEC.2019 01:00:11