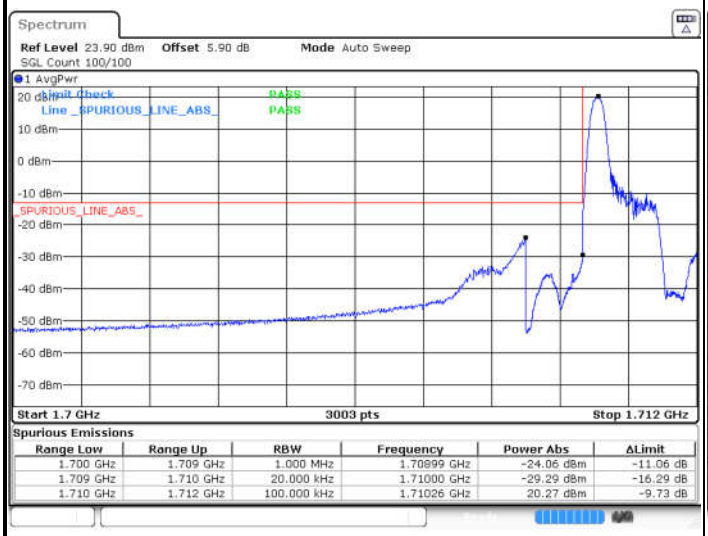
# Conducted Band Edge

## LTE Band 4 / 1.4MHz / QPSK

### Lowest Band Edge / 1RB

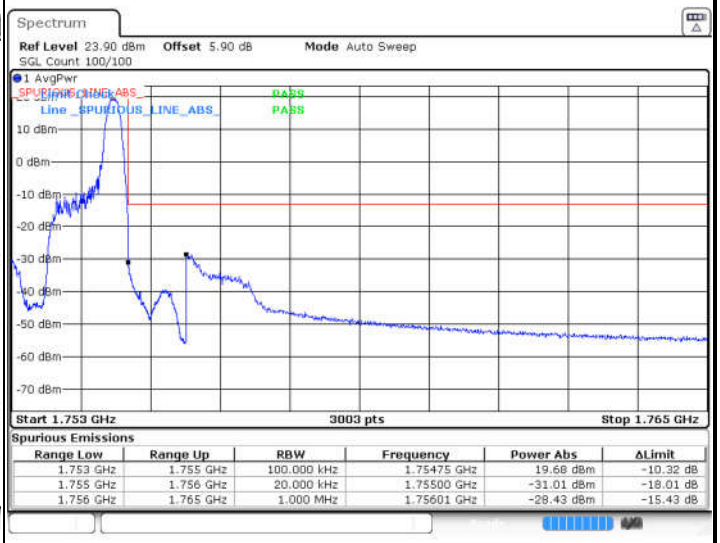



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70899 GHz | -24.06 dBm | -11.06 dB |
| 1.709 GHz | 1.710 GHz | 20.000 kHz | 1.71000 GHz | -29.29 dBm | -16.29 dB |
| 1.710 GHz | 1.712 GHz | 100.000 kHz | 1.71026 GHz | 20.27 dBm | -9.73 dB |

Date: 5.MAR.2021 03:31:16

### Highest Band Edge / 1RB

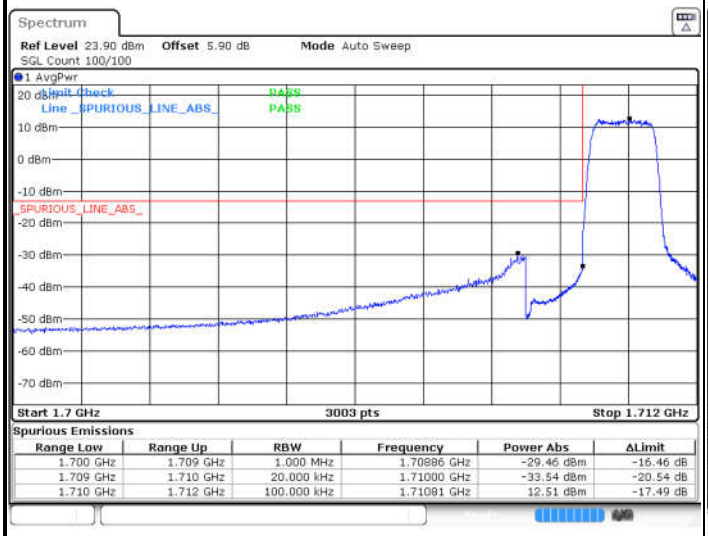



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.753 GHz | 1.755 GHz | 100.000 kHz | 1.75475 GHz | 19.68 dBm | -10.32 dB |
| 1.755 GHz | 1.756 GHz | 20.000 kHz | 1.75500 GHz | -31.01 dBm | -18.01 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75601 GHz | -28.43 dBm | -15.43 dB |

Date: 5.MAR.2021 03:37:35

### Lowest Band Edge / Full RB

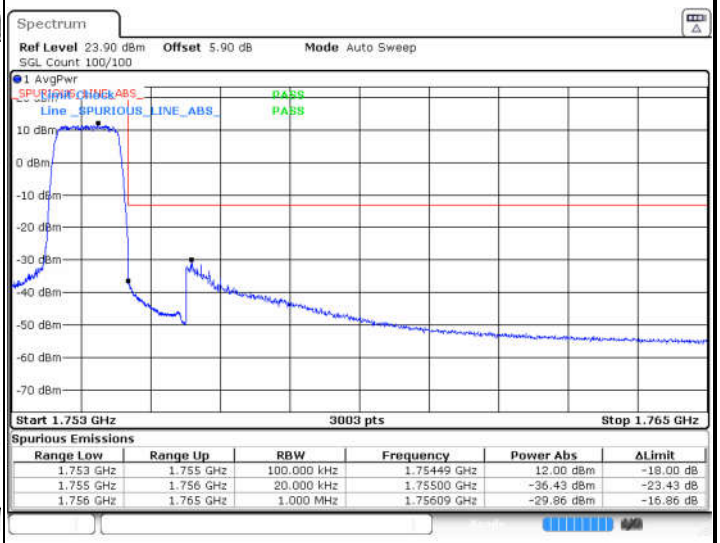



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70886 GHz | -29.46 dBm | -16.46 dB |
| 1.709 GHz | 1.710 GHz | 20.000 kHz | 1.71000 GHz | -33.54 dBm | -20.54 dB |
| 1.710 GHz | 1.712 GHz | 100.000 kHz | 1.71081 GHz | 12.51 dBm | -17.49 dB |

Date: 5.MAR.2021 03:33:31

### Highest Band Edge / Full RB



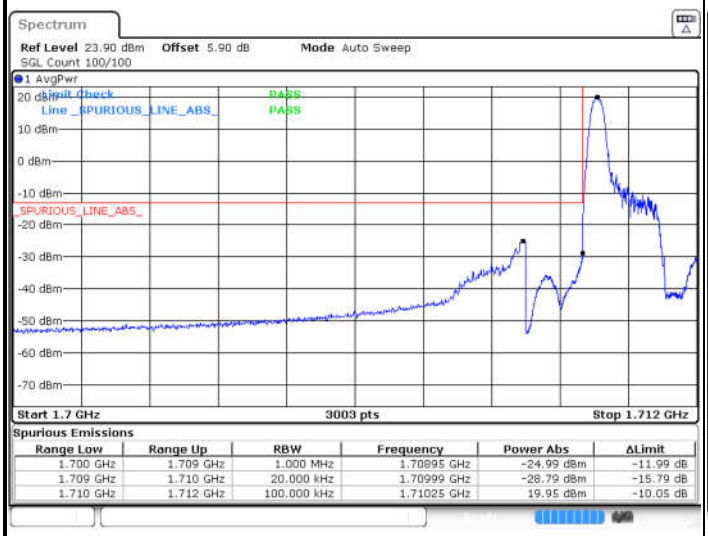

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.753 GHz | 1.755 GHz | 100.000 kHz | 1.75449 GHz | 12.00 dBm | -18.00 dB |
| 1.755 GHz | 1.756 GHz | 20.000 kHz | 1.75500 GHz | -36.43 dBm | -23.43 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75609 GHz | -29.86 dBm | -16.86 dB |

Date: 5.MAR.2021 03:39:49

## LTE Band 4 / 1.4MHz / 16QAM

### Lowest Band Edge / 1 RB

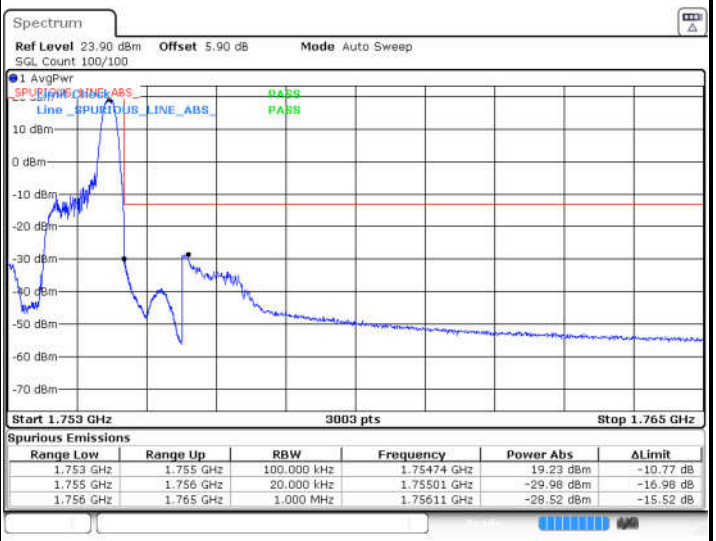



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70895 GHz | -24.99 dBm | -11.99 dB |
| 1.709 GHz | 1.710 GHz | 20.000 kHz | 1.70999 GHz | -28.79 dBm | -15.79 dB |
| 1.710 GHz | 1.712 GHz | 100.000 kHz | 1.71025 GHz | 19.95 dBm | -10.05 dB |

Date: 5.MAR.2021 03:32:23

### Highest Band Edge / 1 RB

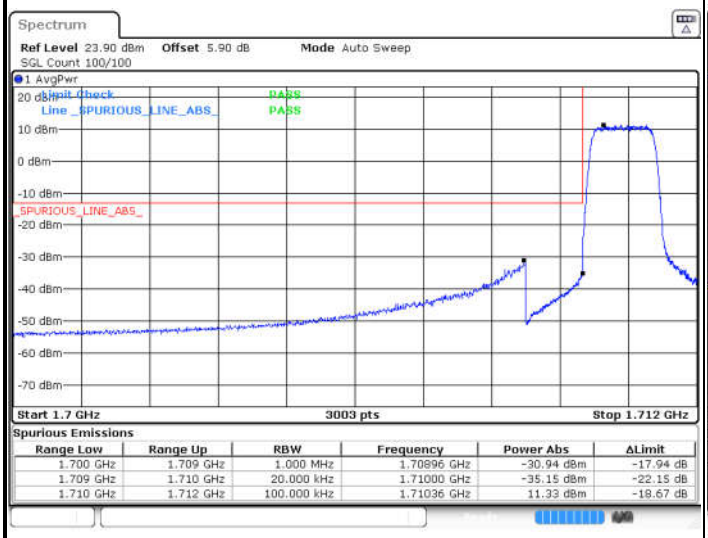



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.753 GHz | 1.755 GHz | 100.000 kHz | 1.75474 GHz | 19.23 dBm | -10.77 dB |
| 1.755 GHz | 1.756 GHz | 20.000 kHz | 1.75501 GHz | -29.98 dBm | -16.98 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75611 GHz | -28.52 dBm | -15.52 dB |

Date: 5.MAR.2021 03:38:42

### Lowest Band Edge / Full RB

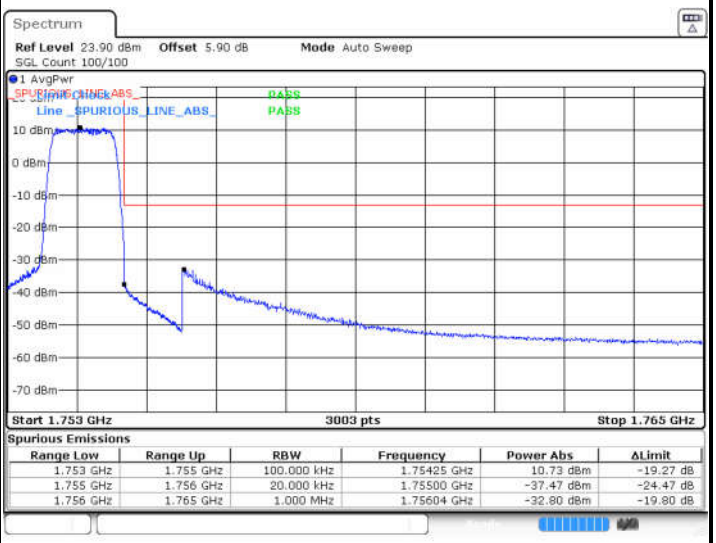



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70896 GHz | -30.94 dBm | -17.94 dB |
| 1.709 GHz | 1.710 GHz | 20.000 kHz | 1.71000 GHz | -35.15 dBm | -22.15 dB |
| 1.710 GHz | 1.712 GHz | 100.000 kHz | 1.71036 GHz | 11.33 dBm | -18.67 dB |

Date: 5.MAR.2021 03:34:38

### Highest Band Edge / Full RB



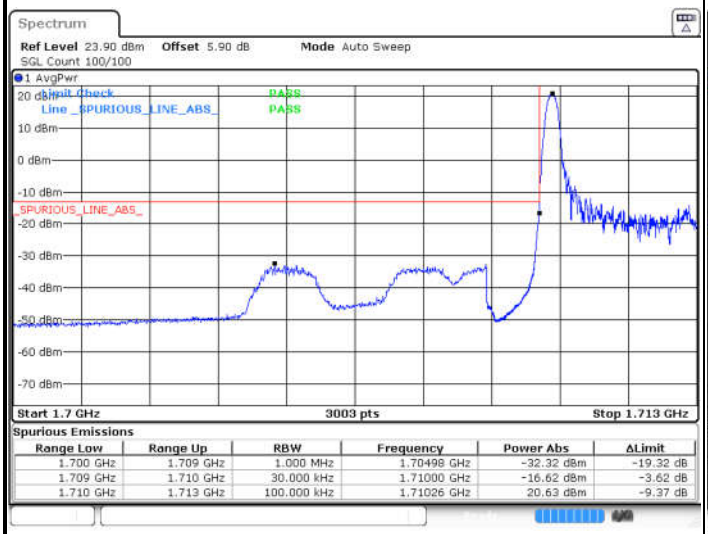

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.753 GHz | 1.755 GHz | 100.000 kHz | 1.75425 GHz | 10.73 dBm | -19.27 dB |
| 1.755 GHz | 1.756 GHz | 20.000 kHz | 1.75500 GHz | -37.47 dBm | -24.47 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75604 GHz | -32.80 dBm | -19.80 dB |

Date: 5.MAR.2021 03:40:57

## LTE Band 4 / 3MHz / QPSK

### Lowest Band Edge / 1RB

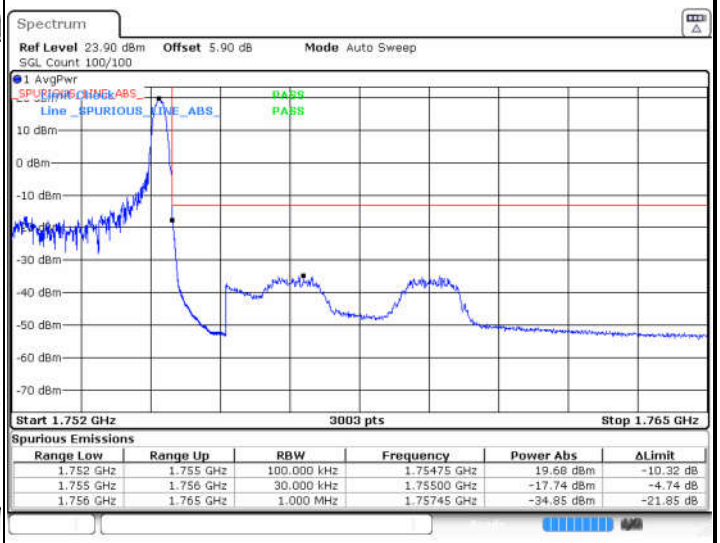



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70498 GHz | -32.32 dBm | -19.32 dB |
| 1.709 GHz | 1.710 GHz | 30.000 kHz | 1.71000 GHz | -16.62 dBm | -3.62 dB |
| 1.710 GHz | 1.713 GHz | 100.000 kHz | 1.71026 GHz | 20.63 dBm | -9.37 dB |

Date: 5.MAR.2021 03:42:59

### Highest Band Edge / 1 RB

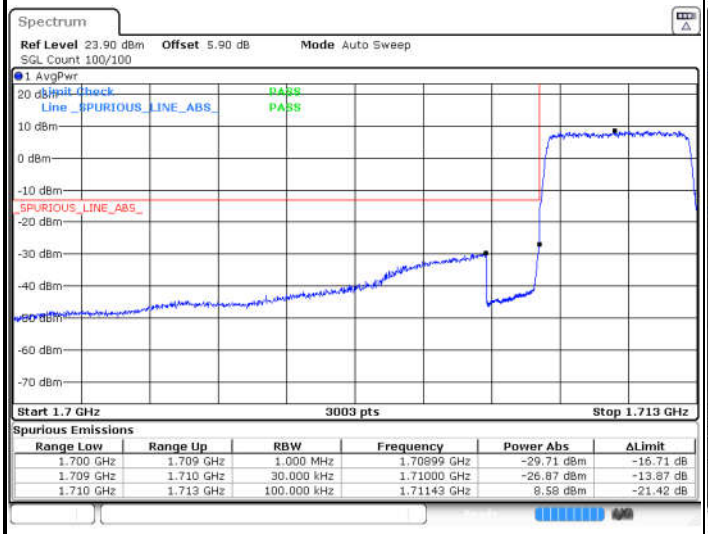



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.752 GHz | 1.755 GHz | 100.000 kHz | 1.75475 GHz | 19.68 dBm | -10.32 dB |
| 1.755 GHz | 1.756 GHz | 30.000 kHz | 1.75500 GHz | -17.74 dBm | -4.74 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75745 GHz | -34.85 dBm | -21.85 dB |

Date: 5.MAR.2021 03:49:17

### Lowest Band Edge / Full RB

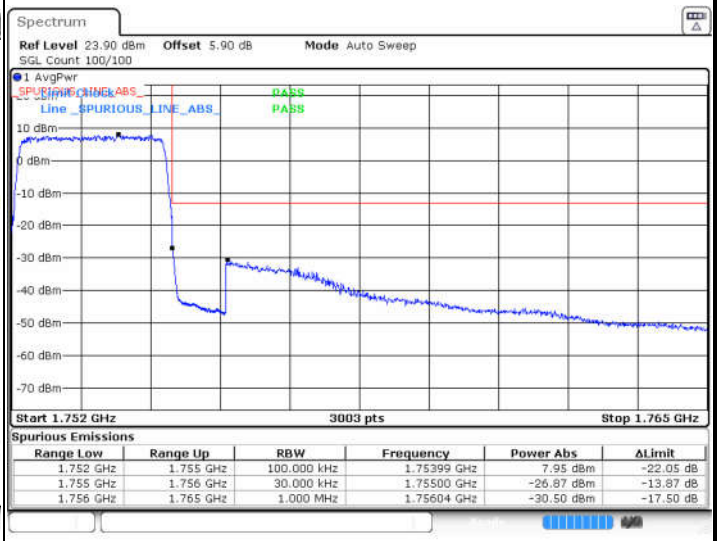



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70899 GHz | -29.71 dBm | -16.71 dB |
| 1.709 GHz | 1.710 GHz | 30.000 kHz | 1.71000 GHz | -26.87 dBm | -13.87 dB |
| 1.710 GHz | 1.713 GHz | 100.000 kHz | 1.71143 GHz | 8.58 dBm | -21.42 dB |

Date: 5.MAR.2021 03:45:14

### Highest Band Edge / Full RB



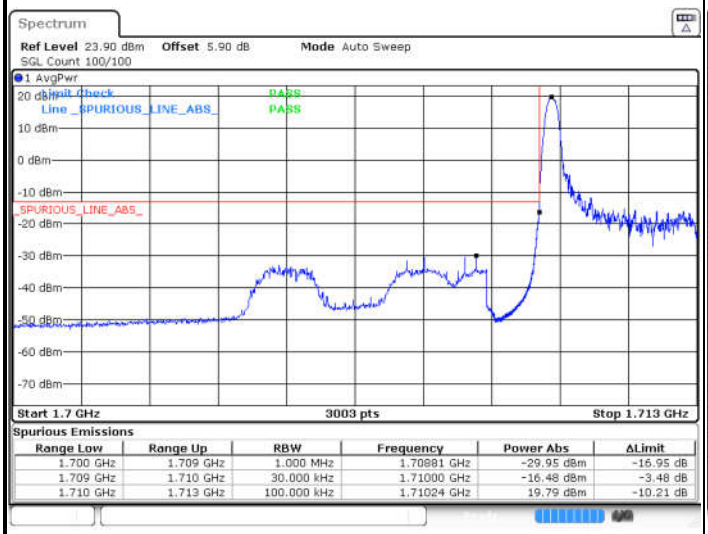

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.752 GHz | 1.755 GHz | 100.000 kHz | 1.75399 GHz | 7.95 dBm | -22.05 dB |
| 1.755 GHz | 1.756 GHz | 30.000 kHz | 1.75500 GHz | -26.87 dBm | -13.87 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75604 GHz | -30.50 dBm | -17.50 dB |

Date: 5.MAR.2021 03:51:32

## LTE Band 4 / 3MHz / 16QAM

### Lowest Band Edge / 1 RB

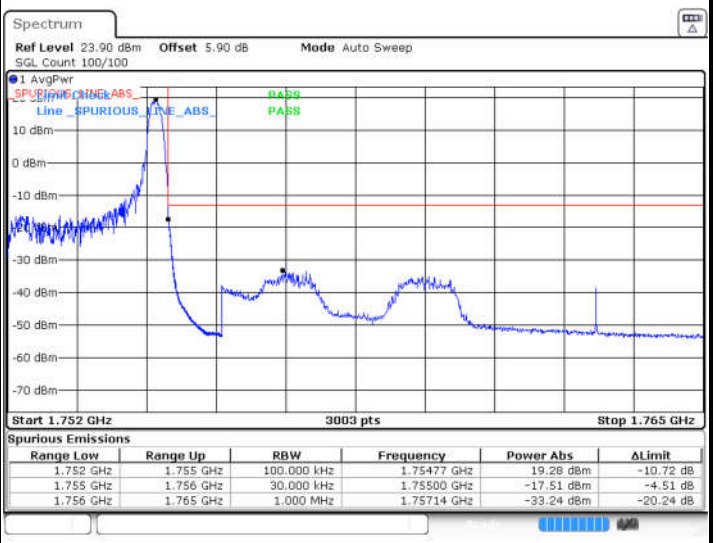



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70881 GHz | -29.95 dBm | -16.95 dB |
| 1.709 GHz | 1.710 GHz | 30.000 kHz | 1.71000 GHz | -16.48 dBm | -3.48 dB |
| 1.710 GHz | 1.713 GHz | 100.000 kHz | 1.71024 GHz | 19.79 dBm | -10.21 dB |

Date: 5.MAR.2021 03:44:06

### Highest Band Edge /1 RB

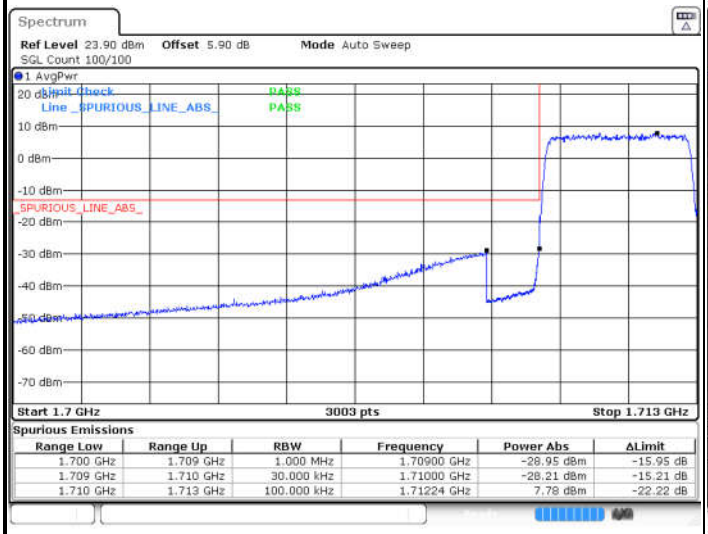



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.752 GHz | 1.755 GHz | 100.000 kHz | 1.75477 GHz | 19.28 dBm | -10.72 dB |
| 1.755 GHz | 1.756 GHz | 30.000 kHz | 1.75500 GHz | -17.51 dBm | -4.51 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75714 GHz | -33.24 dBm | -20.24 dB |

Date: 5.MAR.2021 03:50:25

### Lowest Band Edge / Full RB

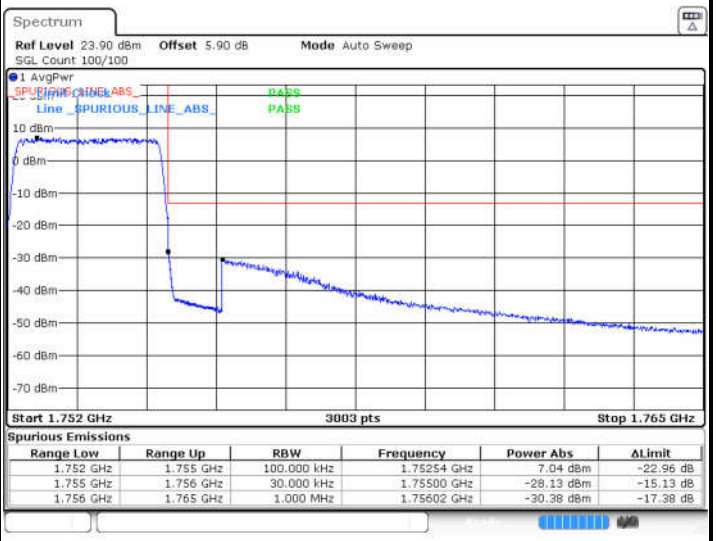



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70900 GHz | -28.95 dBm | -15.95 dB |
| 1.709 GHz | 1.710 GHz | 30.000 kHz | 1.71000 GHz | -28.21 dBm | -15.21 dB |
| 1.710 GHz | 1.713 GHz | 100.000 kHz | 1.71224 GHz | 7.78 dBm | -22.22 dB |

Date: 5.MAR.2021 03:46:21

### Highest Band Edge / Full RB



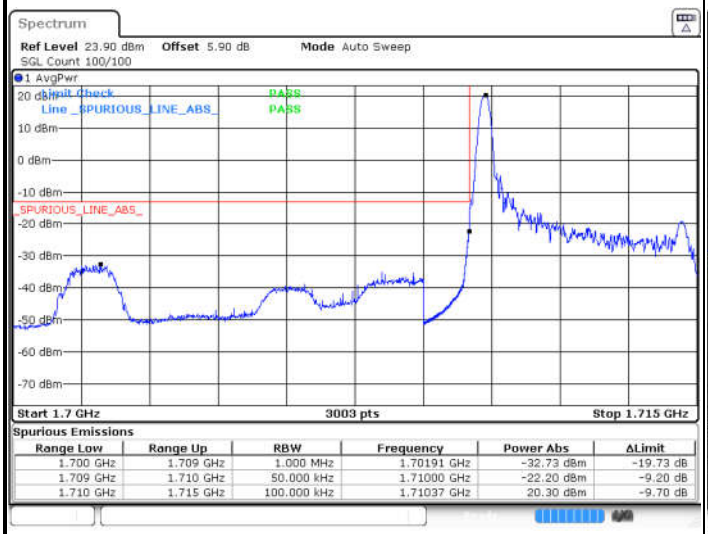

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.752 GHz | 1.755 GHz | 100.000 kHz | 1.75254 GHz | 7.04 dBm | -22.96 dB |
| 1.755 GHz | 1.756 GHz | 30.000 kHz | 1.75500 GHz | -28.13 dBm | -15.13 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75602 GHz | -30.38 dBm | -17.38 dB |

Date: 5.MAR.2021 03:52:40

## LTE Band 4 / 5MHz / QPSK

### Lowest Band Edge / 1 RB

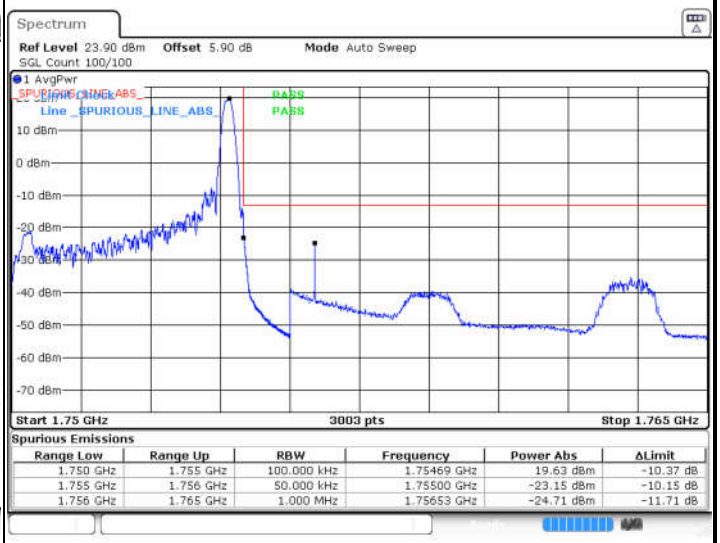



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70191 GHz | -32.73 dBm | -19.73 dB |
| 1.709 GHz | 1.710 GHz | 50.000 kHz | 1.71000 GHz | -22.20 dBm | -9.20 dB |
| 1.710 GHz | 1.715 GHz | 100.000 kHz | 1.71037 GHz | 20.30 dBm | -9.70 dB |

Date: 5.MAR.2021 03:54:41

### Highest Band Edge / 1 RB

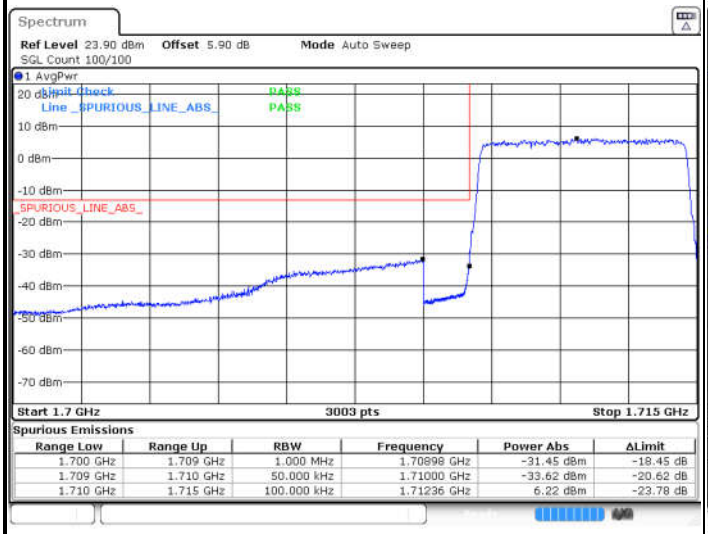



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.750 GHz | 1.755 GHz | 100.000 kHz | 1.75469 GHz | 19.63 dBm | -10.37 dB |
| 1.755 GHz | 1.756 GHz | 50.000 kHz | 1.75500 GHz | -23.15 dBm | -10.15 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75653 GHz | -24.71 dBm | -11.71 dB |

Date: 5.MAR.2021 04:01:00

### Lowest Band Edge / Full RB

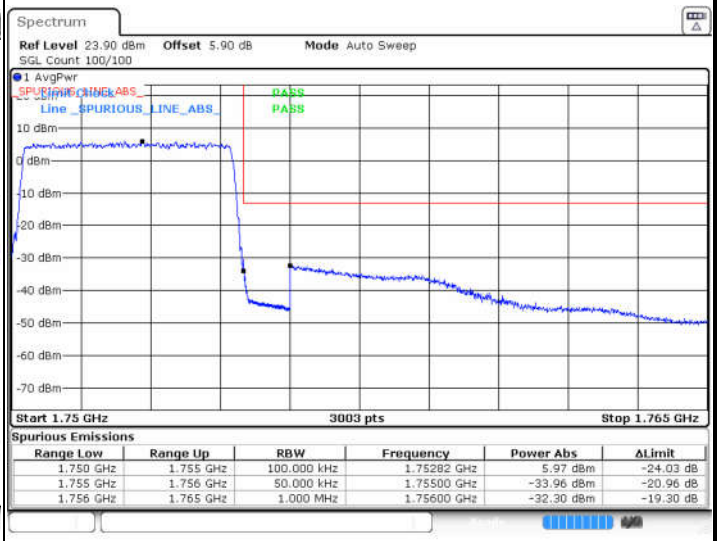



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70898 GHz | -31.45 dBm | -18.45 dB |
| 1.709 GHz | 1.710 GHz | 50.000 kHz | 1.71000 GHz | -33.62 dBm | -20.62 dB |
| 1.710 GHz | 1.715 GHz | 100.000 kHz | 1.71236 GHz | 6.22 dBm | -23.78 dB |

Date: 5.MAR.2021 03:56:56

### Highest Band Edge / Full RB



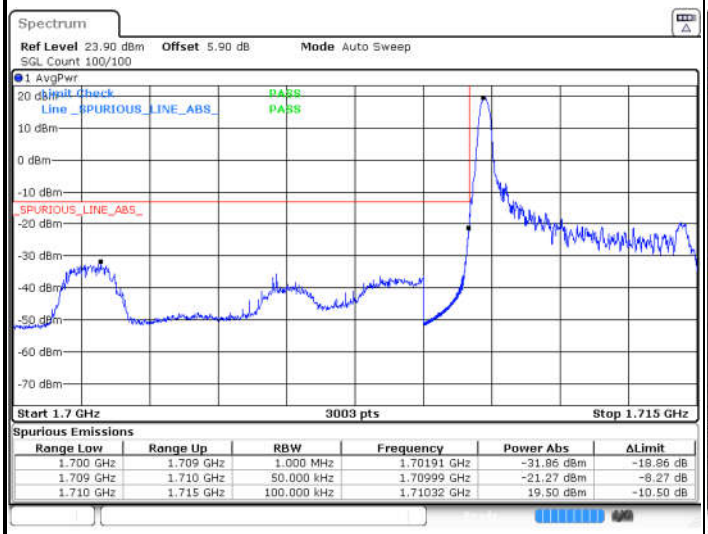

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.750 GHz | 1.755 GHz | 100.000 kHz | 1.75282 GHz | 5.97 dBm | -24.03 dB |
| 1.755 GHz | 1.756 GHz | 50.000 kHz | 1.75500 GHz | -33.96 dBm | -20.96 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75600 GHz | -32.30 dBm | -19.30 dB |

Date: 5.MAR.2021 04:03:15

## LTE Band 4 / 5MHz / 16QAM

### Lowest Band Edge / 1RB

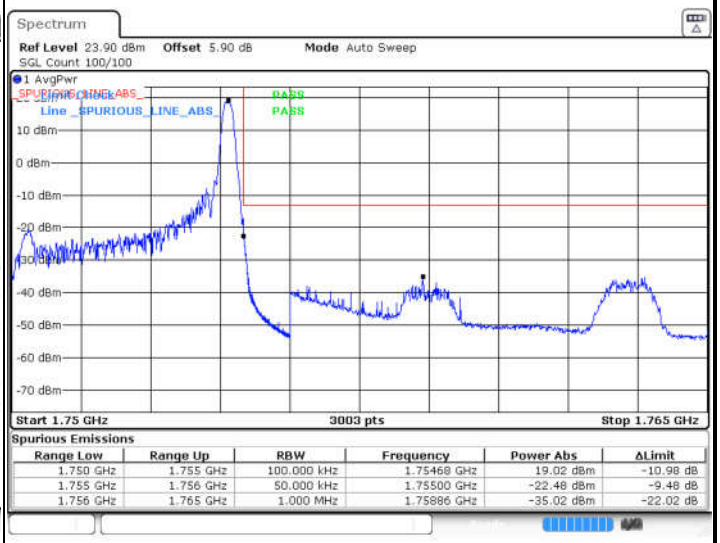



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70191 GHz | -31.86 dBm | -18.86 dB |
| 1.709 GHz | 1.710 GHz | 50.000 kHz | 1.70999 GHz | -21.27 dBm | -8.27 dB |
| 1.710 GHz | 1.715 GHz | 100.000 kHz | 1.71032 GHz | 19.50 dBm | -10.50 dB |

Date: 5.MAR.2021 03:55:49

### Highest Band Edge / 1 RB

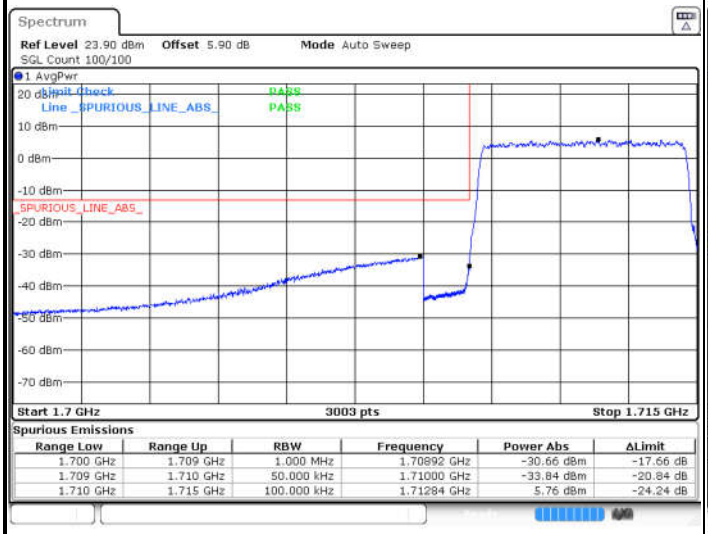



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.750 GHz | 1.755 GHz | 100.000 kHz | 1.75468 GHz | 19.02 dBm | -10.98 dB |
| 1.755 GHz | 1.756 GHz | 50.000 kHz | 1.75500 GHz | -22.48 dBm | -9.48 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75886 GHz | -35.02 dBm | -22.02 dB |

Date: 5.MAR.2021 04:02:07

### Lowest Band Edge / Full RB

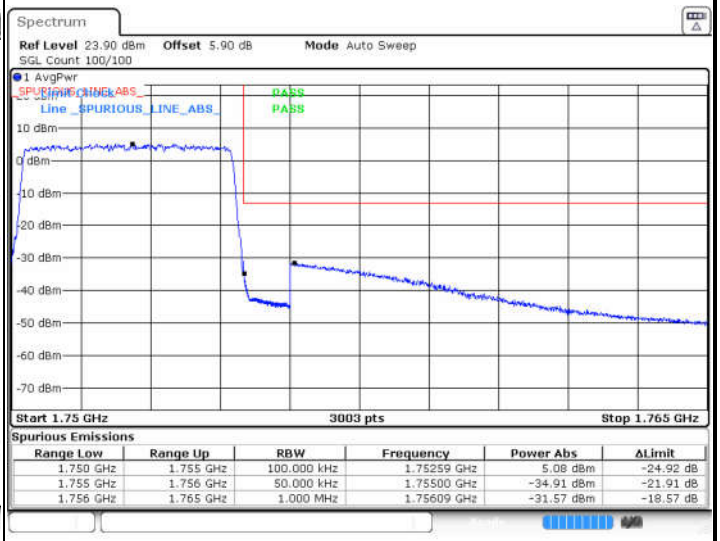



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70892 GHz | -30.66 dBm | -17.66 dB |
| 1.709 GHz | 1.710 GHz | 50.000 kHz | 1.71000 GHz | -33.84 dBm | -20.84 dB |
| 1.710 GHz | 1.715 GHz | 100.000 kHz | 1.71284 GHz | 5.76 dBm | -24.24 dB |

Date: 5.MAR.2021 03:58:04

### Highest Band Edge / Full RB



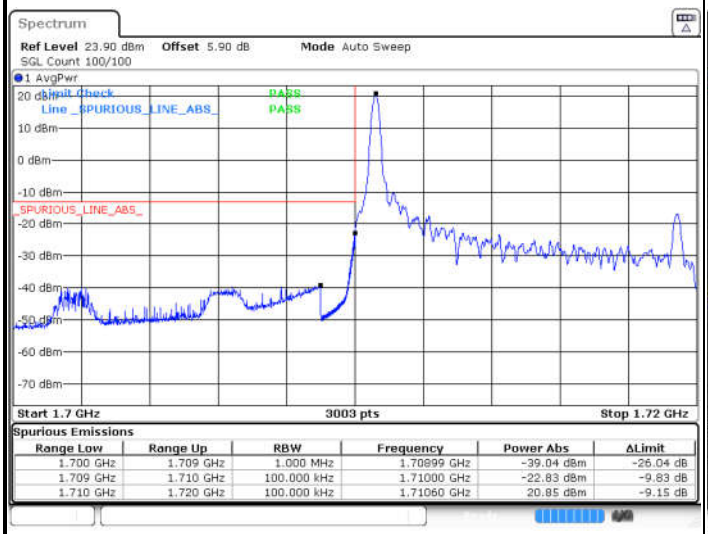

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.750 GHz | 1.755 GHz | 100.000 kHz | 1.75259 GHz | 5.08 dBm | -24.92 dB |
| 1.755 GHz | 1.756 GHz | 50.000 kHz | 1.75500 GHz | -34.91 dBm | -21.91 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75609 GHz | -31.57 dBm | -18.57 dB |

Date: 5.MAR.2021 04:04:22

## LTE Band 4 / 10MHz / QPSK

### Lowest Band Edge / 1 RB

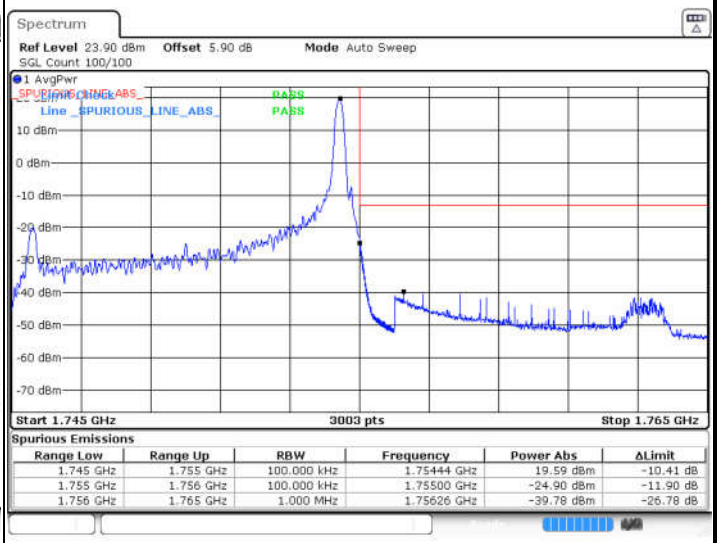



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70899 GHz | -39.04 dBm | -26.04 dB |
| 1.709 GHz | 1.710 GHz | 100.000 kHz | 1.71000 GHz | -22.83 dBm | -9.83 dB |
| 1.710 GHz | 1.720 GHz | 100.000 kHz | 1.71060 GHz | 20.85 dBm | -9.15 dB |

Date: 5.MAR.2021 04:06:24

### Highest Band Edge / 1 RB

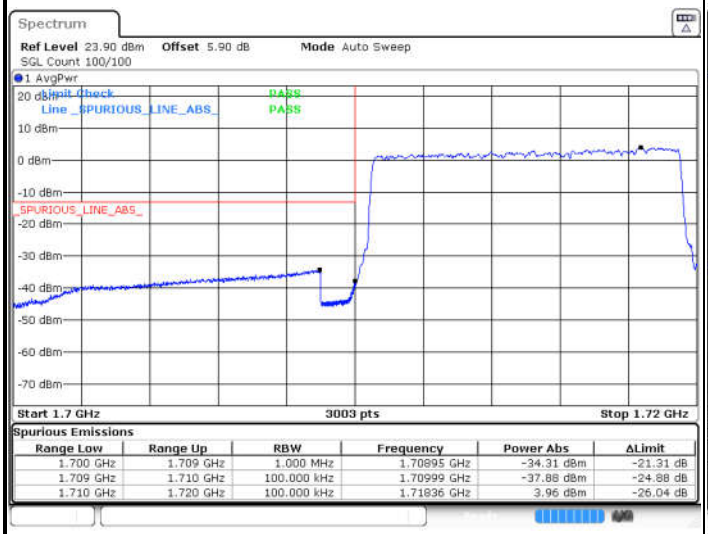



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.745 GHz | 1.755 GHz | 100.000 kHz | 1.75444 GHz | 19.59 dBm | -10.41 dB |
| 1.755 GHz | 1.756 GHz | 100.000 kHz | 1.75500 GHz | -24.90 dBm | -11.90 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75626 GHz | -39.78 dBm | -26.78 dB |

Date: 5.MAR.2021 04:12:43

### Lowest Band Edge / Full RB

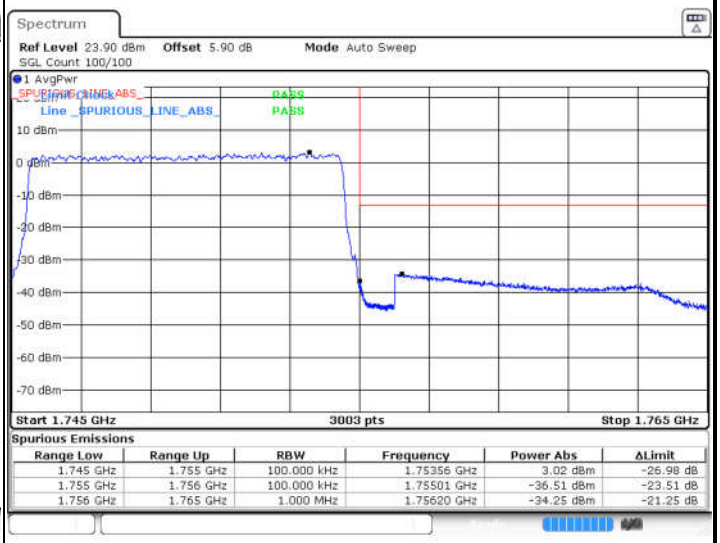



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70895 GHz | -34.31 dBm | -21.31 dB |
| 1.709 GHz | 1.710 GHz | 100.000 kHz | 1.70999 GHz | -37.88 dBm | -24.88 dB |
| 1.710 GHz | 1.720 GHz | 100.000 kHz | 1.71836 GHz | 3.96 dBm | -26.04 dB |

Date: 5.MAR.2021 04:08:39

### Highest Band Edge / Full RB



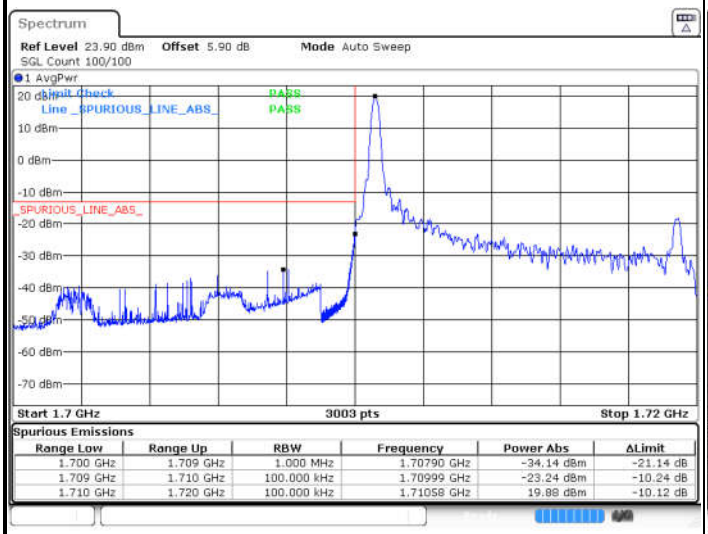

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.745 GHz | 1.755 GHz | 100.000 kHz | 1.75356 GHz | 3.02 dBm | -26.98 dB |
| 1.755 GHz | 1.756 GHz | 100.000 kHz | 1.75501 GHz | -36.51 dBm | -23.51 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75620 GHz | -34.25 dBm | -21.25 dB |

Date: 5.MAR.2021 04:14:57

## LTE Band 4 / 10MHz / 16QAM

### Lowest Band Edge / 1 RB

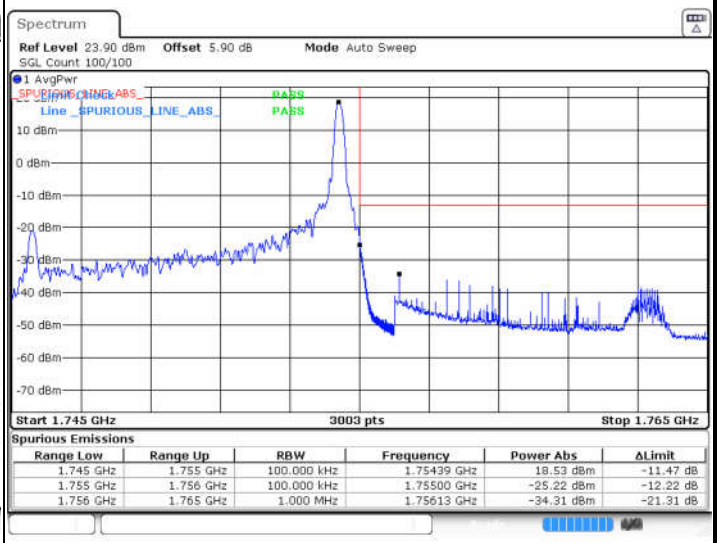



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70790 GHz | -34.14 dBm | -21.14 dB |
| 1.709 GHz | 1.710 GHz | 100.000 kHz | 1.70999 GHz | -23.24 dBm | -10.24 dB |
| 1.710 GHz | 1.720 GHz | 100.000 kHz | 1.71058 GHz | 19.88 dBm | -10.12 dB |

Date: 5.MAR.2021 04:07:31

### Highest Band Edge / 1 RB

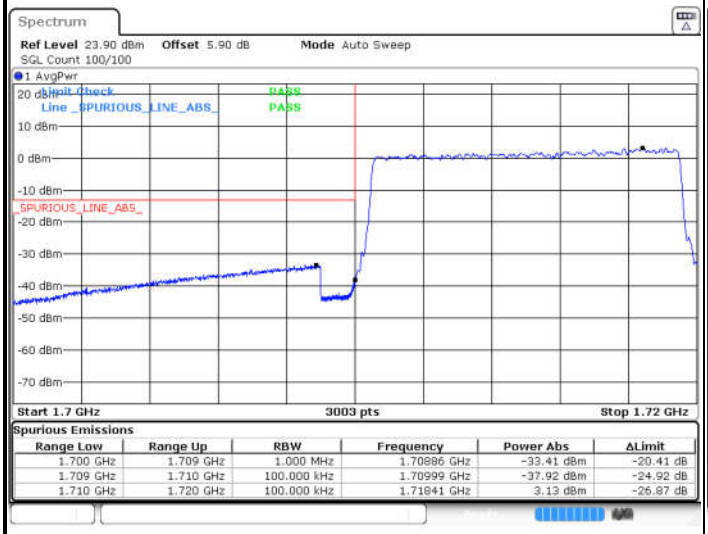



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.745 GHz | 1.755 GHz | 100.000 kHz | 1.75439 GHz | 18.53 dBm | -11.47 dB |
| 1.755 GHz | 1.756 GHz | 100.000 kHz | 1.75500 GHz | -25.22 dBm | -12.22 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75613 GHz | -34.31 dBm | -21.31 dB |

Date: 5.MAR.2021 04:13:50

### Lowest Band Edge / Full RB

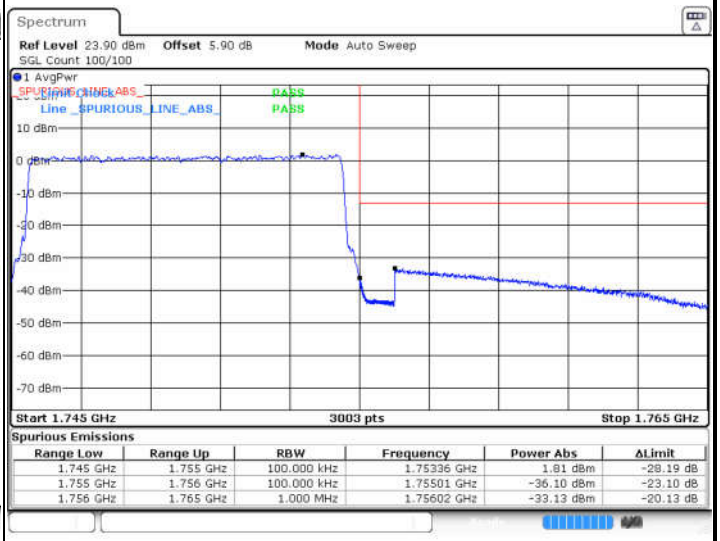



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70886 GHz | -33.41 dBm | -20.41 dB |
| 1.709 GHz | 1.710 GHz | 100.000 kHz | 1.70999 GHz | -37.92 dBm | -24.92 dB |
| 1.710 GHz | 1.720 GHz | 100.000 kHz | 1.71841 GHz | 3.13 dBm | -26.87 dB |

Date: 5.MAR.2021 04:09:46

### Highest Band Edge / Full RB



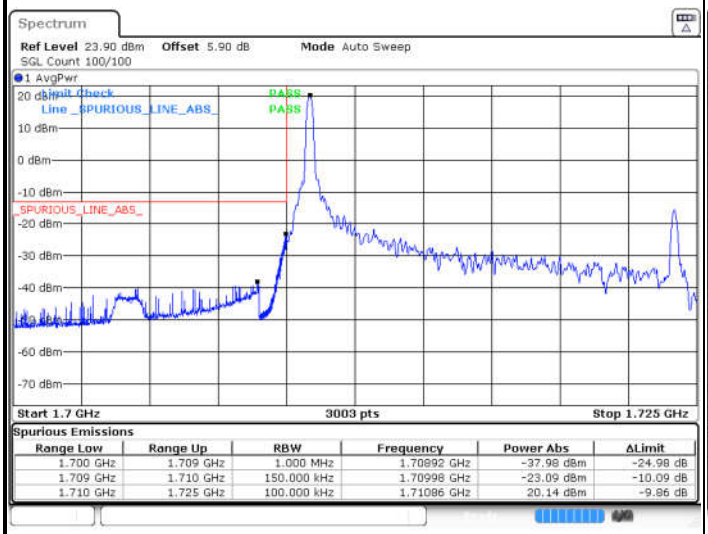

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.745 GHz | 1.755 GHz | 100.000 kHz | 1.75336 GHz | 1.81 dBm | -28.19 dB |
| 1.755 GHz | 1.756 GHz | 100.000 kHz | 1.75501 GHz | -36.10 dBm | -23.10 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75602 GHz | -33.13 dBm | -20.13 dB |

Date: 5.MAR.2021 04:16:05

## LTE Band 4 / 15MHz / QPSK

### Lowest Band Edge / 1 RB

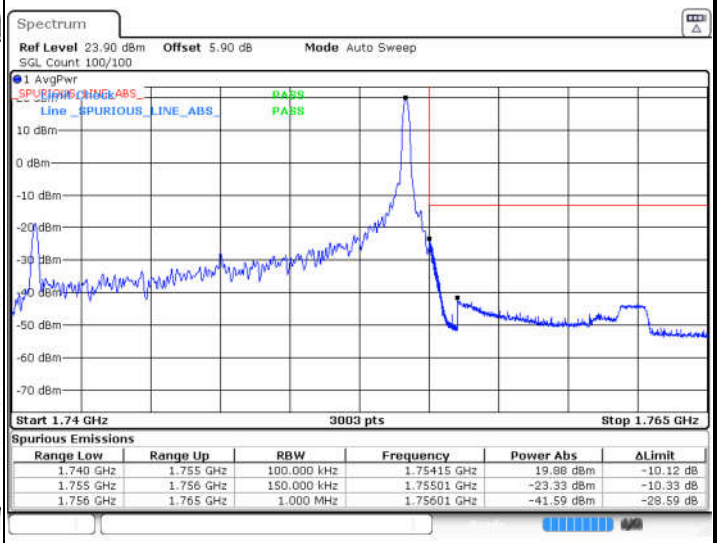



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70892 GHz | -37.98 dBm | -24.98 dB |
| 1.709 GHz | 1.710 GHz | 150.000 kHz | 1.70998 GHz | -23.09 dBm | -10.09 dB |
| 1.710 GHz | 1.725 GHz | 100.000 kHz | 1.71086 GHz | 20.14 dBm | -9.86 dB |

Date: 5.MAR.2021 04:18:06

### Highest Band Edge / 1 RB

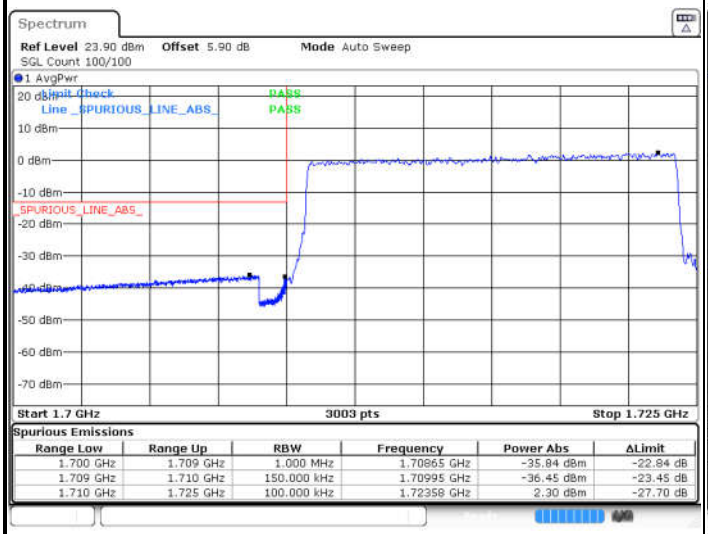



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.740 GHz | 1.755 GHz | 100.000 kHz | 1.75415 GHz | 19.88 dBm | -10.12 dB |
| 1.755 GHz | 1.756 GHz | 150.000 kHz | 1.75501 GHz | -23.33 dBm | -10.33 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75601 GHz | -41.59 dBm | -28.59 dB |

Date: 5.MAR.2021 04:24:25

### Lowest Band Edge / Full RB

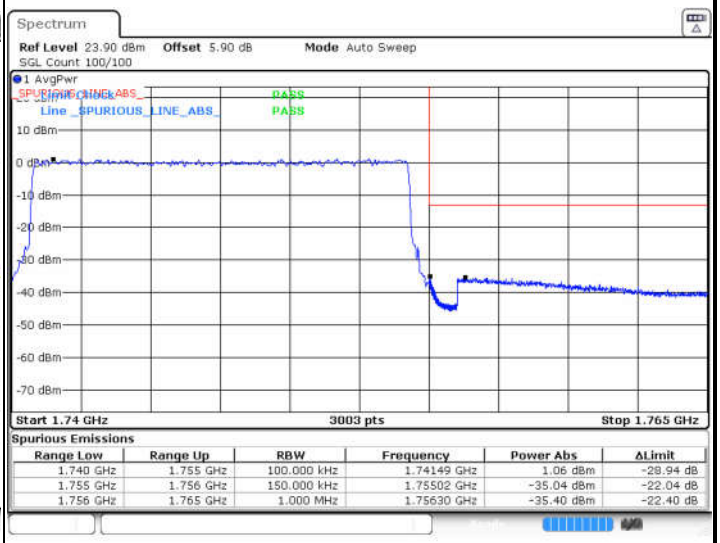



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70865 GHz | -35.84 dBm | -22.84 dB |
| 1.709 GHz | 1.710 GHz | 150.000 kHz | 1.70995 GHz | -36.45 dBm | -23.45 dB |
| 1.710 GHz | 1.725 GHz | 100.000 kHz | 1.72358 GHz | 2.30 dBm | -27.70 dB |

Date: 5.MAR.2021 04:20:21

### Highest Band Edge / Full RB



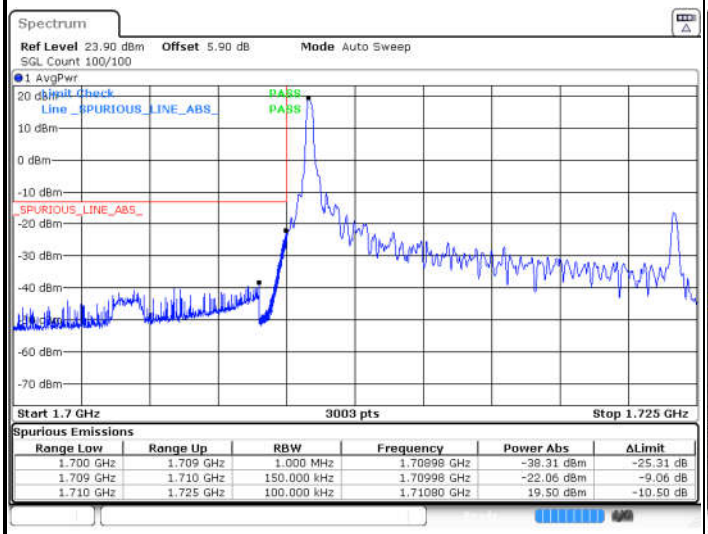

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.740 GHz | 1.755 GHz | 100.000 kHz | 1.74149 GHz | 1.06 dBm | -28.94 dB |
| 1.755 GHz | 1.756 GHz | 150.000 kHz | 1.75502 GHz | -35.04 dBm | -22.04 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75630 GHz | -35.40 dBm | -22.40 dB |

Date: 5.MAR.2021 04:26:40

## LTE Band 4 / 15MHz / 16QAM

### Lowest Band Edge / 1 RB

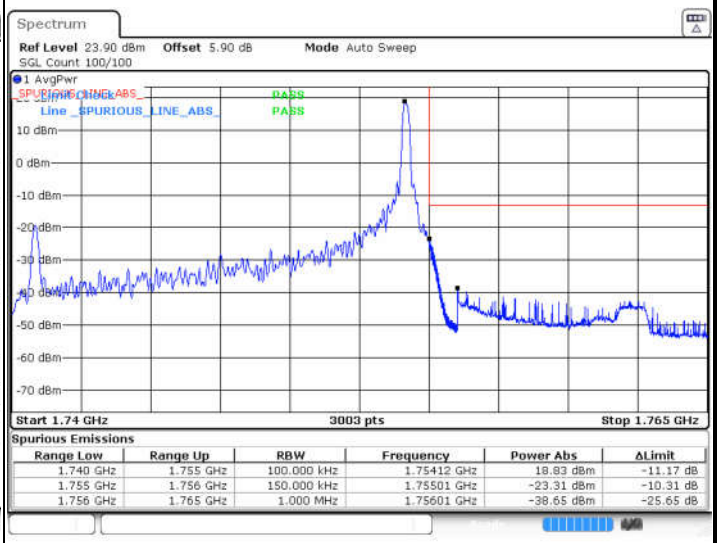



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70898 GHz | -38.31 dBm | -25.31 dB |
| 1.709 GHz | 1.710 GHz | 150.000 kHz | 1.70998 GHz | -22.06 dBm | -9.06 dB |
| 1.710 GHz | 1.725 GHz | 100.000 kHz | 1.71080 GHz | 19.50 dBm | -10.50 dB |

Date: 5.MAR.2021 04:19:14

### Highest Band Edge / 1 RB

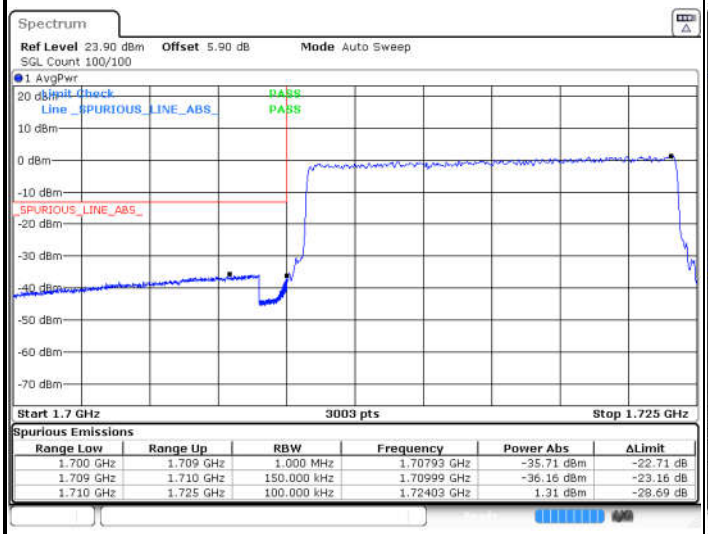



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.740 GHz | 1.755 GHz | 100.000 kHz | 1.75412 GHz | 18.83 dBm | -11.17 dB |
| 1.755 GHz | 1.756 GHz | 150.000 kHz | 1.75501 GHz | -23.31 dBm | -10.31 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75601 GHz | -38.65 dBm | -25.65 dB |

Date: 5.MAR.2021 04:25:32

### Lowest Band Edge / Full RB

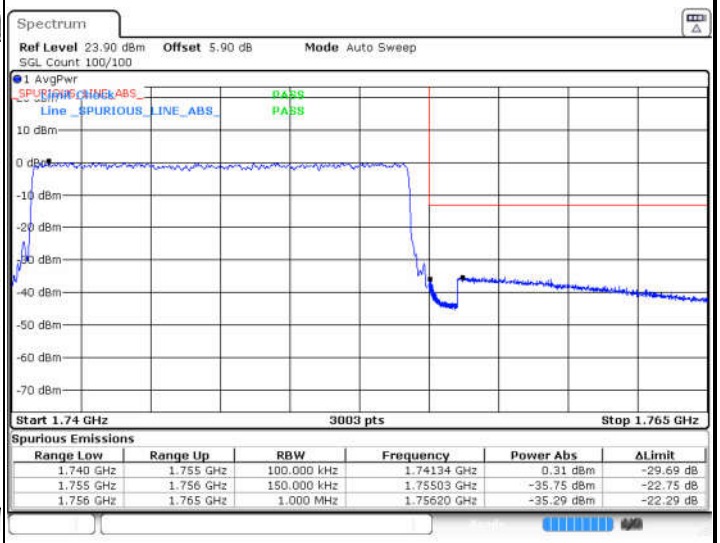



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70793 GHz | -35.71 dBm | -22.71 dB |
| 1.709 GHz | 1.710 GHz | 150.000 kHz | 1.70999 GHz | -36.16 dBm | -23.16 dB |
| 1.710 GHz | 1.725 GHz | 100.000 kHz | 1.72403 GHz | 1.31 dBm | -28.69 dB |

Date: 5.MAR.2021 04:21:29

### Highest Band Edge / Full RB



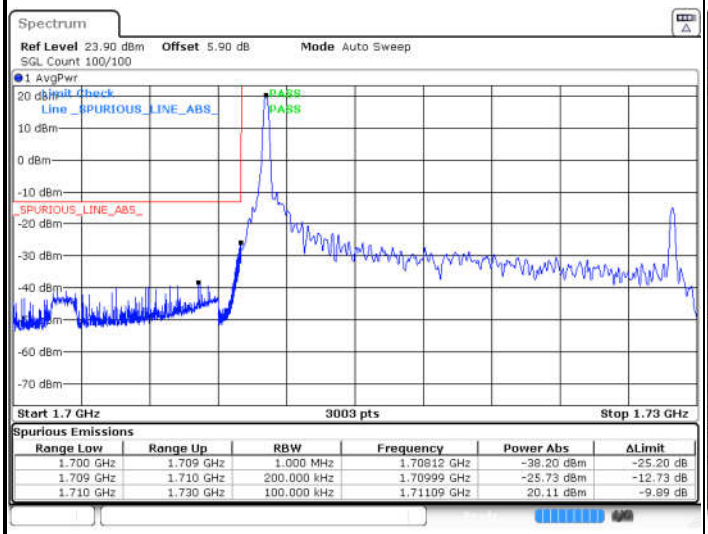

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.740 GHz | 1.755 GHz | 100.000 kHz | 1.74134 GHz | 0.31 dBm | -29.69 dB |
| 1.755 GHz | 1.756 GHz | 150.000 kHz | 1.75503 GHz | -35.75 dBm | -22.75 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75620 GHz | -35.29 dBm | -22.29 dB |

Date: 5.MAR.2021 04:27:47

## LTE Band 4 / 20MHz / QPSK

### Lowest Band Edge / 1 RB

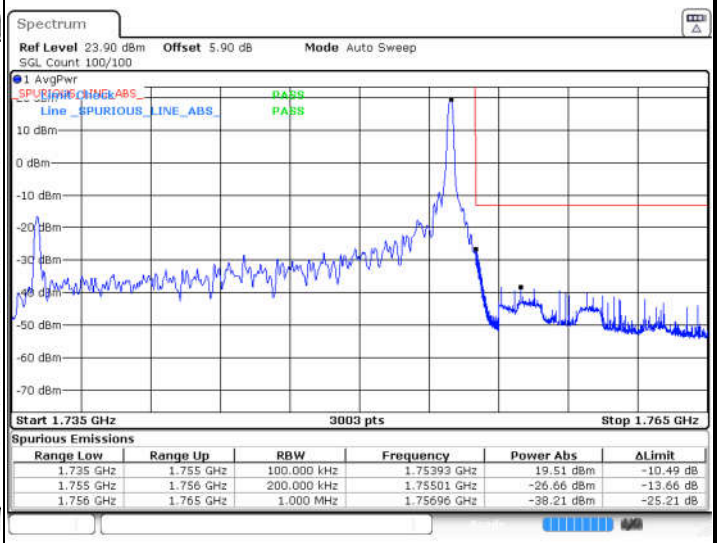



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70812 GHz | -38.20 dBm | -25.20 dB |
| 1.709 GHz | 1.710 GHz | 200.000 kHz | 1.70999 GHz | -25.73 dBm | -12.73 dB |
| 1.710 GHz | 1.730 GHz | 100.000 kHz | 1.71109 GHz | 20.11 dBm | -9.89 dB |

Date: 5.MAR.2021 04:29:49

### Highest Band Edge / 1 RB

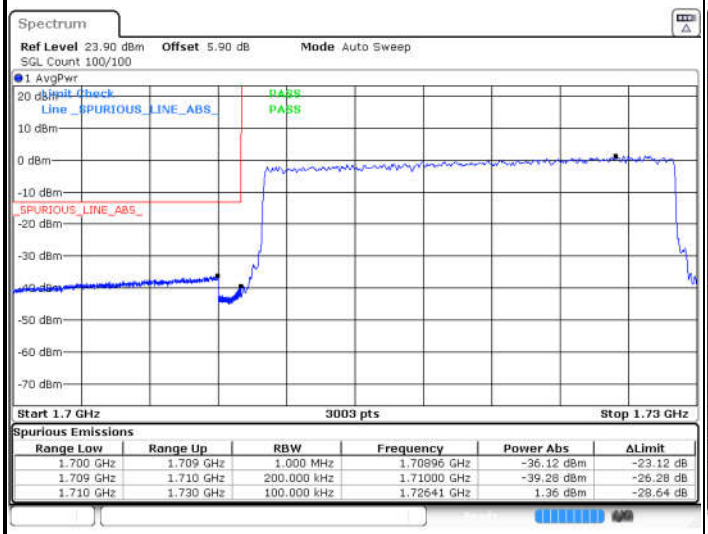



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.735 GHz | 1.755 GHz | 100.000 kHz | 1.75393 GHz | 19.51 dBm | -10.49 dB |
| 1.755 GHz | 1.756 GHz | 200.000 kHz | 1.75501 GHz | -26.66 dBm | -13.66 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75696 GHz | -38.21 dBm | -25.21 dB |

Date: 5.MAR.2021 04:36:08

### Lowest Band Edge / Full RB

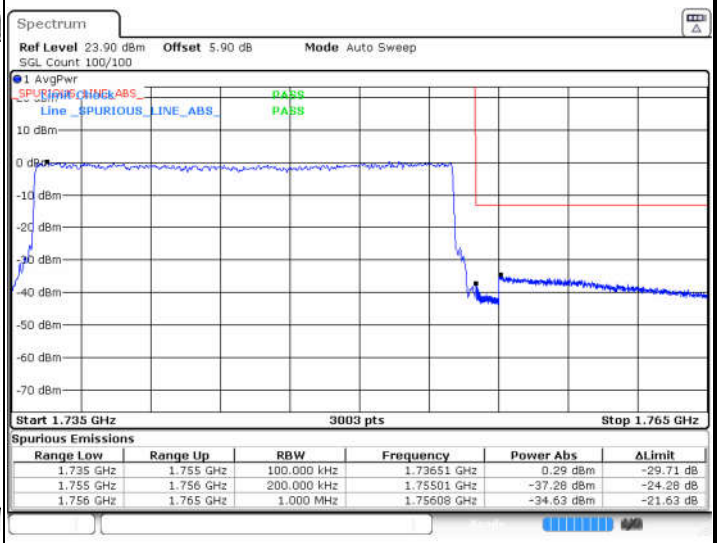



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70896 GHz | -36.12 dBm | -23.12 dB |
| 1.709 GHz | 1.710 GHz | 200.000 kHz | 1.71000 GHz | -39.28 dBm | -26.28 dB |
| 1.710 GHz | 1.730 GHz | 100.000 kHz | 1.72641 GHz | 1.36 dBm | -28.64 dB |

Date: 5.MAR.2021 04:32:04

### Highest Band Edge / Full RB



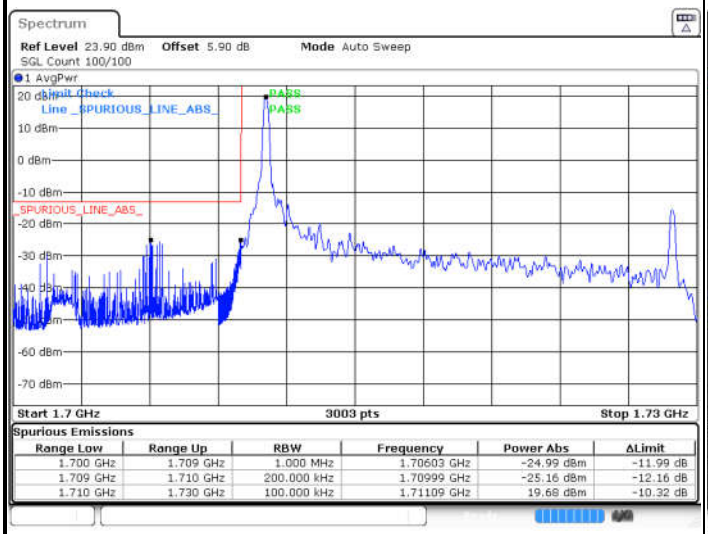

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.735 GHz | 1.755 GHz | 100.000 kHz | 1.73651 GHz | 0.29 dBm | -29.71 dB |
| 1.755 GHz | 1.756 GHz | 200.000 kHz | 1.75501 GHz | -37.28 dBm | -24.28 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75608 GHz | -34.63 dBm | -21.63 dB |

Date: 5.MAR.2021 04:38:22

## LTE Band 4 / 20MHz / 16QAM

### Lowest Band Edge / 1 RB

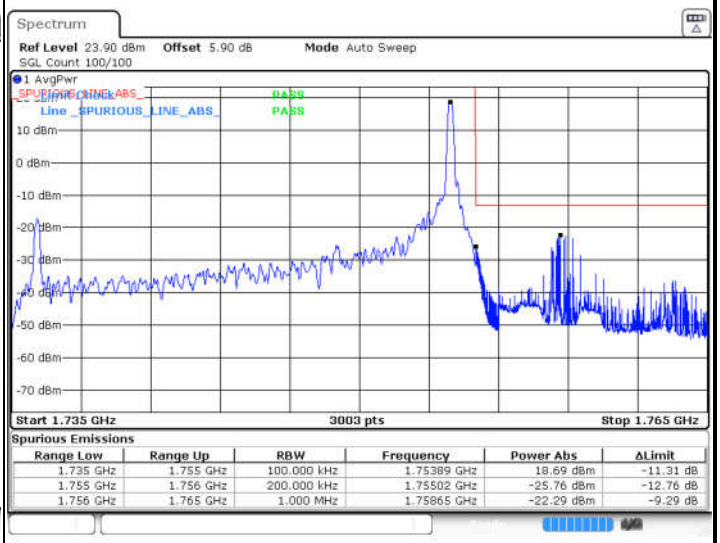



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70603 GHz | -24.99 dBm | -11.99 dB |
| 1.709 GHz | 1.710 GHz | 200.000 kHz | 1.70999 GHz | -25.16 dBm | -12.16 dB |
| 1.710 GHz | 1.730 GHz | 100.000 kHz | 1.71109 GHz | 19.68 dBm | -10.32 dB |

Date: 5.MAR.2021 04:30:56

### Highest Band Edge / 1 RB

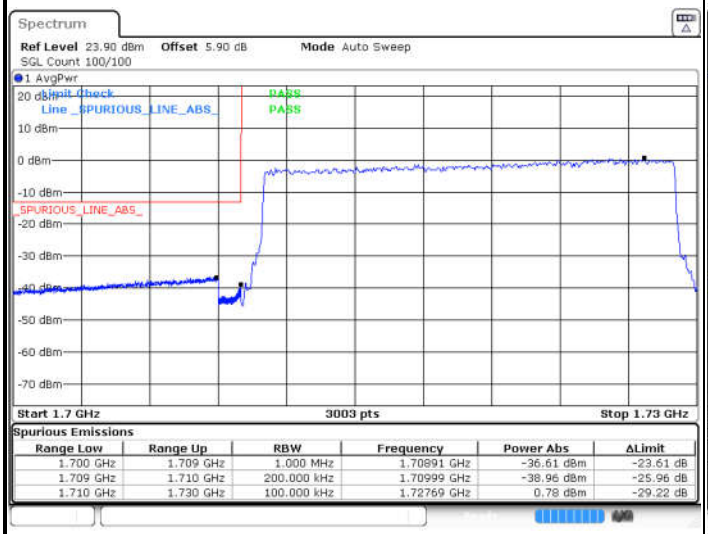



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.735 GHz | 1.755 GHz | 100.000 kHz | 1.75389 GHz | 18.69 dBm | -11.31 dB |
| 1.755 GHz | 1.756 GHz | 200.000 kHz | 1.75502 GHz | -25.76 dBm | -12.76 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75865 GHz | -22.29 dBm | -9.29 dB |

Date: 5.MAR.2021 04:37:15

### Lowest Band Edge / Full RB

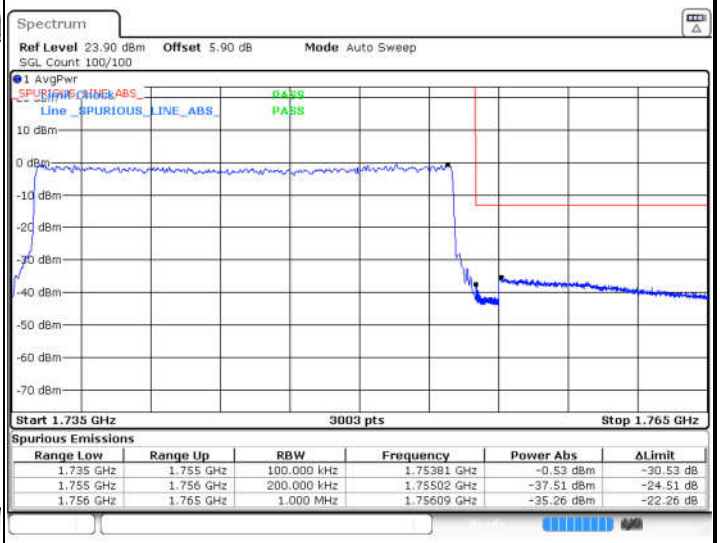



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.700 GHz | 1.709 GHz | 1.000 MHz | 1.70891 GHz | -36.61 dBm | -23.61 dB |
| 1.709 GHz | 1.710 GHz | 200.000 kHz | 1.70999 GHz | -38.96 dBm | -25.96 dB |
| 1.710 GHz | 1.730 GHz | 100.000 kHz | 1.72769 GHz | 0.78 dBm | -29.22 dB |

Date: 5.MAR.2021 04:33:11

### Highest Band Edge / Full RB




Spurious Emissions

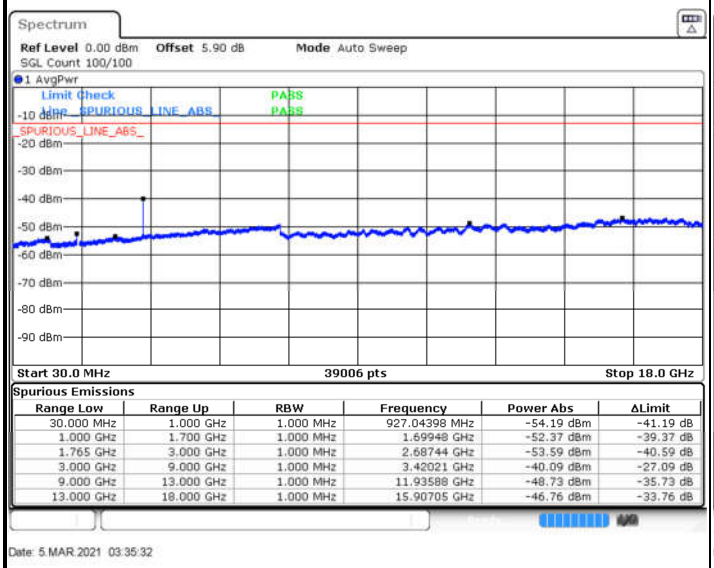
| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 1.735 GHz | 1.755 GHz | 100.000 kHz | 1.75381 GHz | -0.53 dBm | -30.53 dB |
| 1.755 GHz | 1.756 GHz | 200.000 kHz | 1.75502 GHz | -37.51 dBm | -24.51 dB |
| 1.756 GHz | 1.765 GHz | 1.000 MHz | 1.75609 GHz | -35.26 dBm | -22.26 dB |

Date: 5.MAR.2021 04:39:30

# Conducted Spurious Emission

## LTE Band 4 / 1.4MHz

### Lowest Channel / QPSK

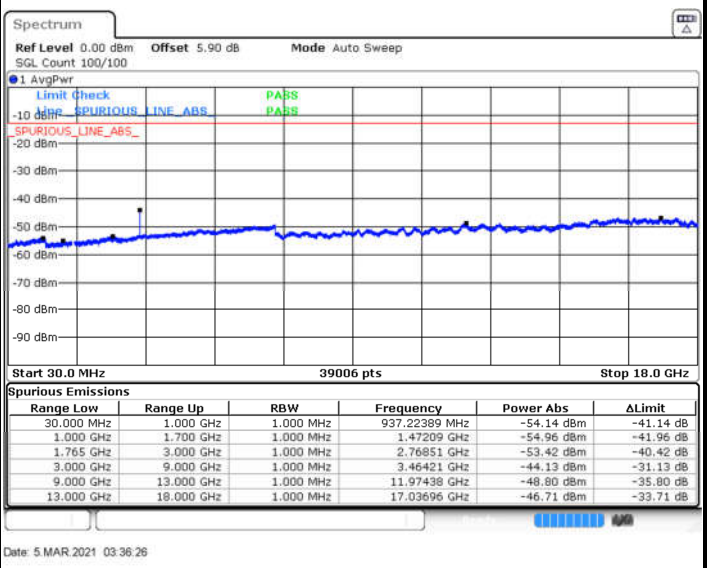



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 927.04398 MHz | -54.19 dBm | -41.19 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.69948 GHz | -52.37 dBm | -39.37 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.68744 GHz | -53.59 dBm | -40.59 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.42021 GHz | -40.09 dBm | -27.09 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 11.93588 GHz | -48.73 dBm | -35.73 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.90705 GHz | -46.76 dBm | -33.76 dB |

Date: 5.MAR.2021 03:35:32

### Middle Channel / QPSK

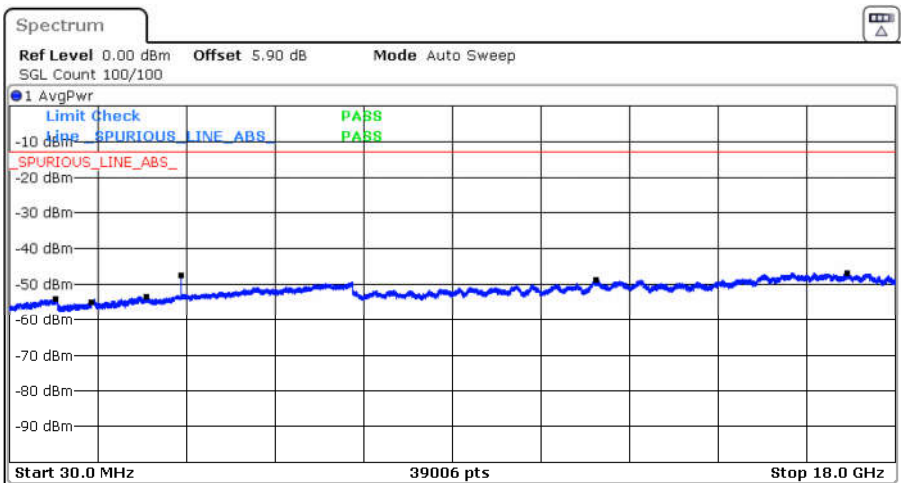



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 937.22389 MHz | -54.14 dBm | -41.14 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.47209 GHz | -54.96 dBm | -41.96 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.76851 GHz | -53.42 dBm | -40.42 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.46421 GHz | -44.13 dBm | -31.13 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 11.97438 GHz | -48.80 dBm | -35.80 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 17.03696 GHz | -46.71 dBm | -33.71 dB |

Date: 5.MAR.2021 03:36:26

### Highest Channel / QPSK



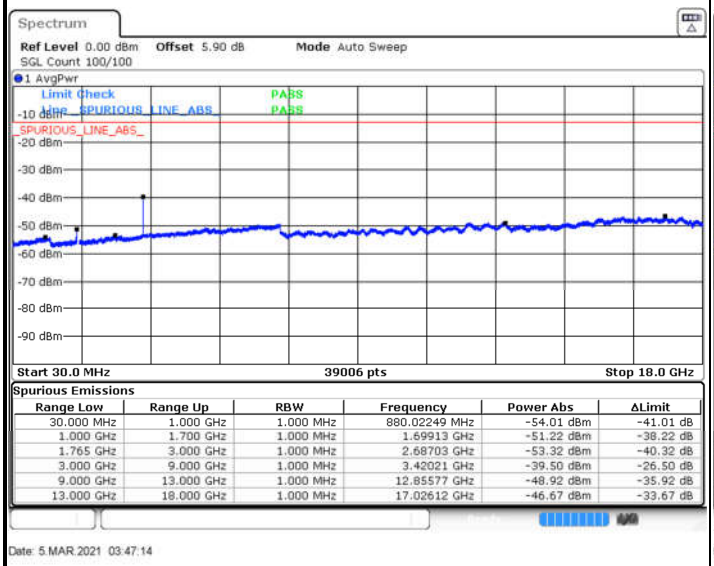

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 960.00750 MHz | -54.17 dBm | -41.17 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.69668 GHz | -55.07 dBm | -42.07 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.81131 GHz | -53.37 dBm | -40.37 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.50771 GHz | -47.37 dBm | -34.37 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 11.92638 GHz | -48.84 dBm | -35.84 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 17.01737 GHz | -46.79 dBm | -33.79 dB |

Date: 5.MAR.2021 03:41:50

## LTE Band 4 / 3MHz

### Lowest Channel / QPSK

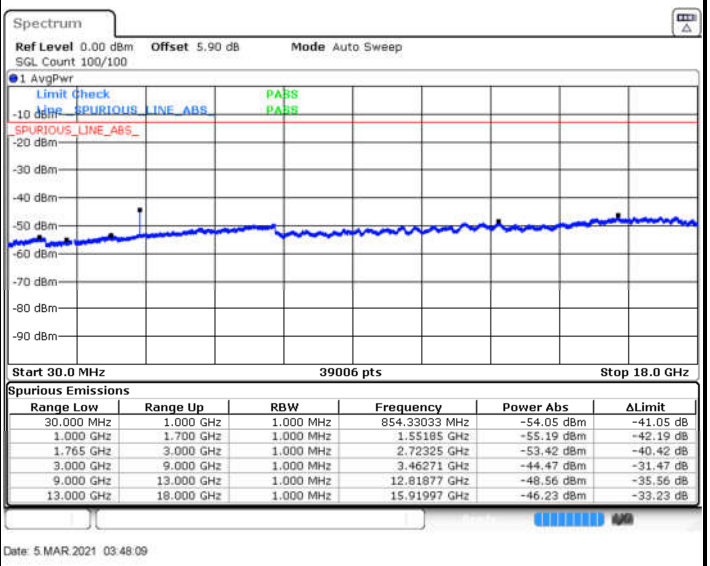



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 880.02249 MHz | -54.01 dBm | -41.01 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.69913 GHz | -51.22 dBm | -38.22 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.68703 GHz | -53.32 dBm | -40.32 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.42021 GHz | -39.50 dBm | -26.50 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.85577 GHz | -48.92 dBm | -35.92 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 17.02612 GHz | -46.67 dBm | -33.67 dB |

Date: 5.MAR.2021 03:47:14

### Middle Channel / QPSK

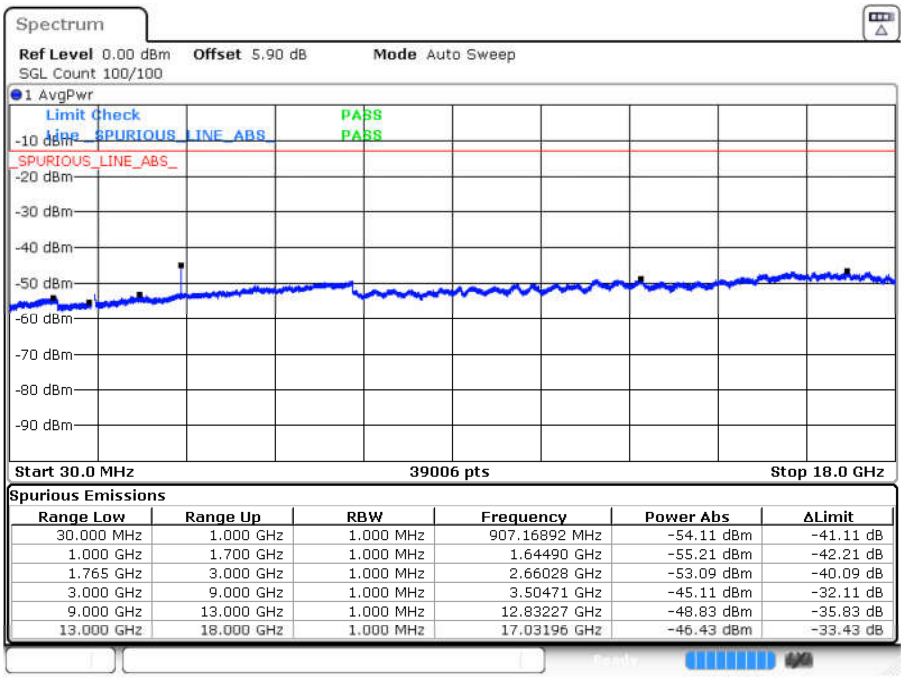



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 854.33033 MHz | -54.05 dBm | -41.05 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.55185 GHz | -55.19 dBm | -42.19 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.72325 GHz | -53.42 dBm | -40.42 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.46271 GHz | -44.47 dBm | -31.47 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.81877 GHz | -48.56 dBm | -35.56 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.91997 GHz | -46.23 dBm | -33.23 dB |

Date: 5.MAR.2021 03:48:09

### Highest Channel / QPSK



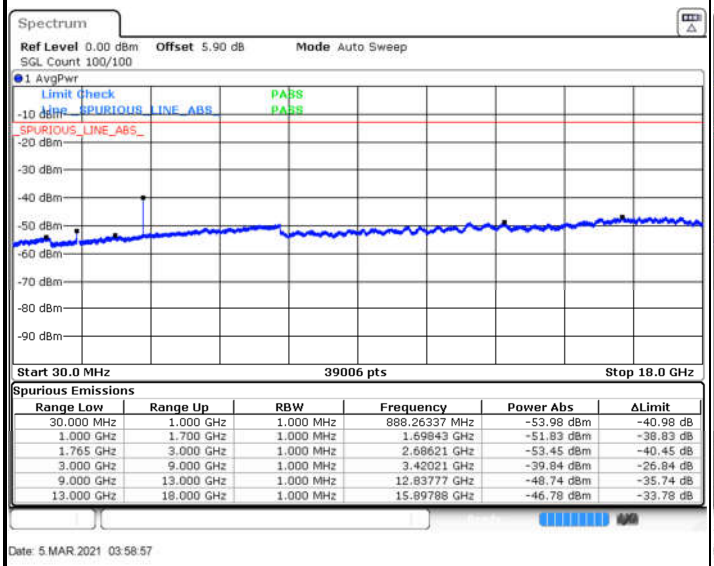

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 907.16892 MHz | -54.11 dBm | -41.11 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.64490 GHz | -55.21 dBm | -42.21 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.66028 GHz | -53.09 dBm | -40.09 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.50471 GHz | -45.11 dBm | -32.11 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.83227 GHz | -48.83 dBm | -35.83 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 17.03196 GHz | -46.43 dBm | -33.43 dB |

Date: 5.MAR.2021 03:53:33

## LTE Band 4 / 5MHz

### Lowest Channel / QPSK

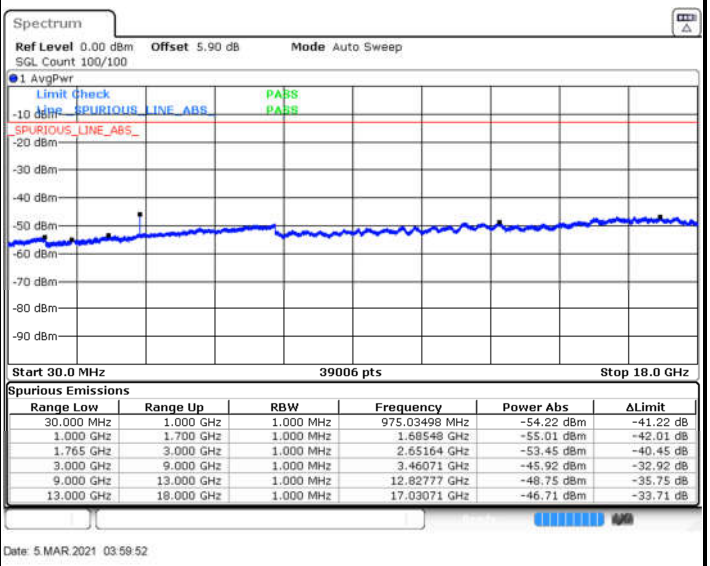



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 888.26337 MHz | -53.98 dBm | -40.98 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.69843 GHz | -51.83 dBm | -38.83 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.68621 GHz | -53.45 dBm | -40.45 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.42021 GHz | -39.84 dBm | -26.84 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.83777 GHz | -48.74 dBm | -35.74 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.89788 GHz | -46.78 dBm | -33.78 dB |

Date: 5.MAR.2021 03:58:57

### Middle Channel / QPSK

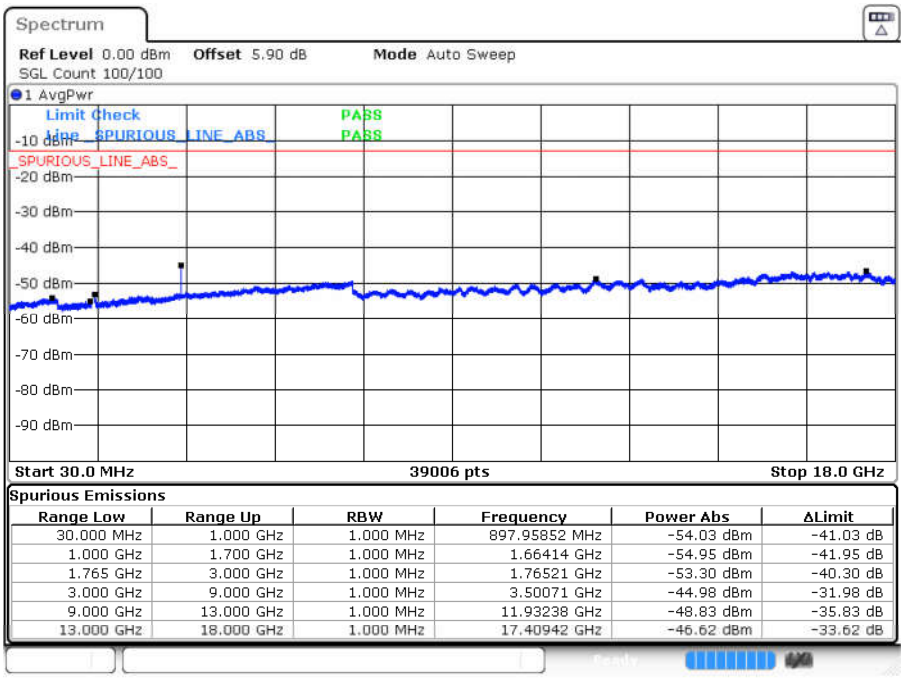



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 975.03498 MHz | -54.22 dBm | -41.22 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.68548 GHz | -55.01 dBm | -42.01 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.65164 GHz | -53.45 dBm | -40.45 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.46071 GHz | -45.92 dBm | -32.92 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.82777 GHz | -48.75 dBm | -35.75 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 17.03071 GHz | -46.71 dBm | -33.71 dB |

Date: 5.MAR.2021 03:59:52

### Highest Channel / QPSK



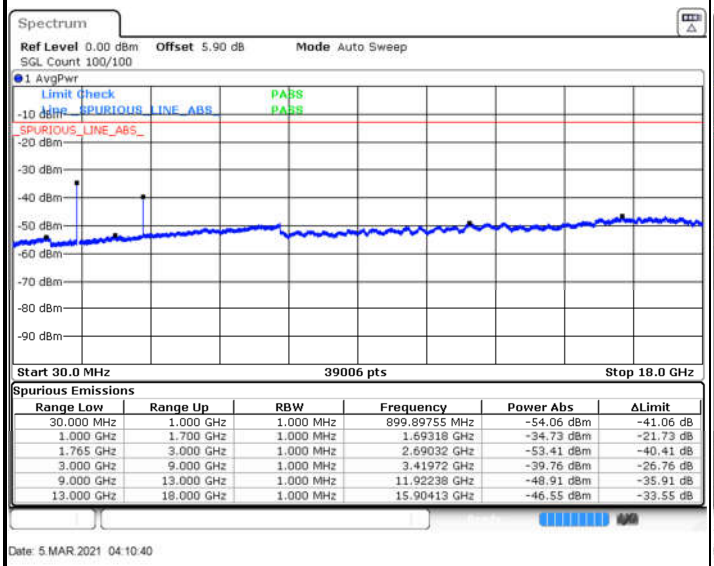

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 897.95852 MHz | -54.03 dBm | -41.03 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.66414 GHz | -54.95 dBm | -41.95 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 1.76521 GHz | -53.30 dBm | -40.30 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.50071 GHz | -44.98 dBm | -31.98 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 11.93238 GHz | -48.83 dBm | -35.83 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 17.40942 GHz | -46.62 dBm | -33.62 dB |

Date: 5.MAR.2021 04:05:16

## LTE Band 4 / 10MHz

### Lowest Channel / QPSK

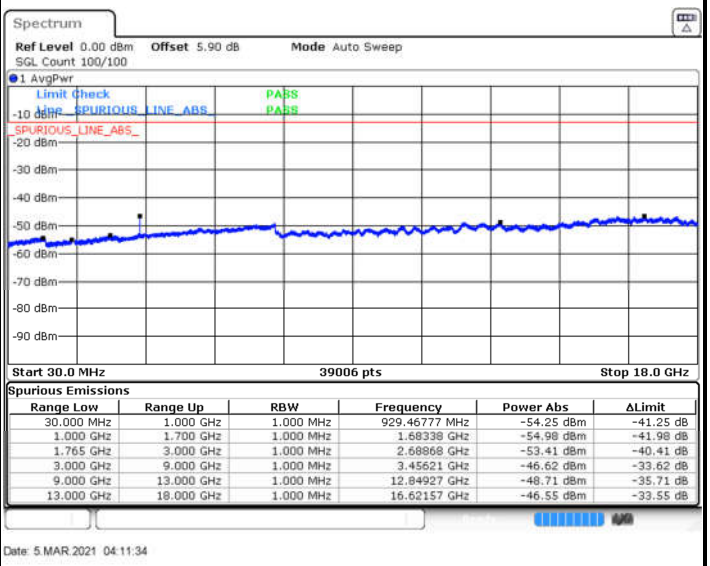



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 899.89755 MHz | -54.06 dBm | -41.06 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.69318 GHz | -34.73 dBm | -21.73 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.69032 GHz | -53.41 dBm | -40.41 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.41972 GHz | -39.76 dBm | -26.76 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 11.92238 GHz | -48.91 dBm | -35.91 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.90413 GHz | -46.55 dBm | -33.55 dB |

Date: 5.MAR.2021 04:10:40

### Middle Channel / QPSK

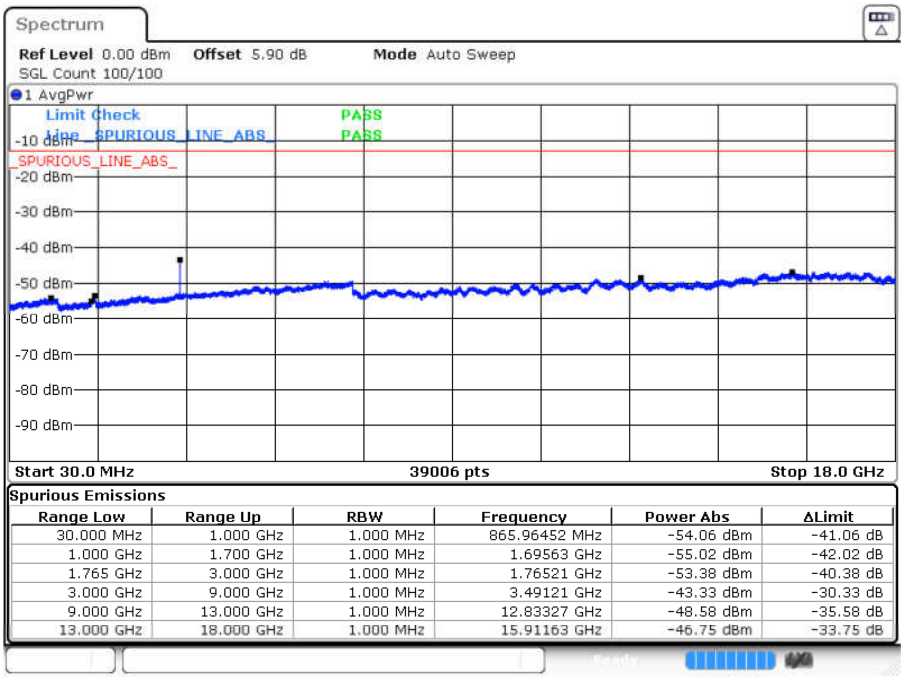



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 929.46777 MHz | -54.25 dBm | -41.25 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.68338 GHz | -54.98 dBm | -41.98 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.68868 GHz | -53.41 dBm | -40.41 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.45621 GHz | -46.62 dBm | -33.62 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.84927 GHz | -48.71 dBm | -35.71 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.62157 GHz | -46.55 dBm | -33.55 dB |

Date: 5.MAR.2021 04:11:34

### Highest Channel / QPSK



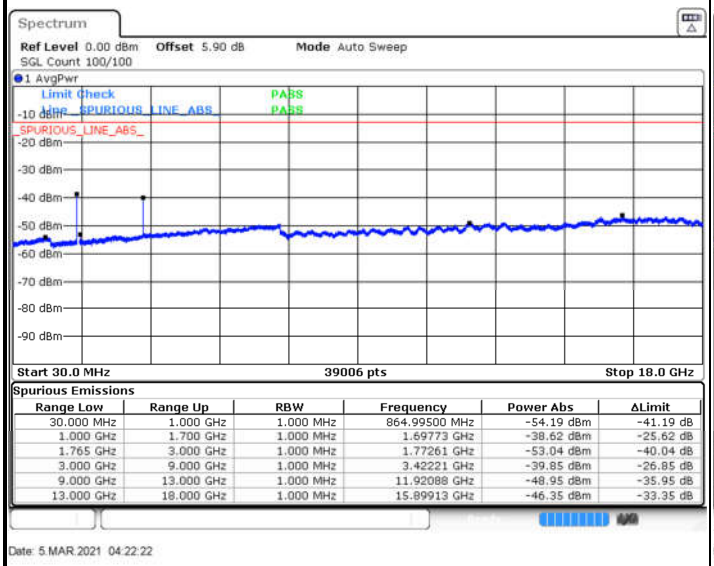

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 865.96452 MHz | -54.06 dBm | -41.06 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.69563 GHz | -55.02 dBm | -42.02 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 1.76521 GHz | -53.38 dBm | -40.38 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.49121 GHz | -43.33 dBm | -30.33 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.83327 GHz | -48.58 dBm | -35.58 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.91163 GHz | -46.75 dBm | -33.75 dB |

Date: 5.MAR.2021 04:16:58

## LTE Band 4 / 15MHz

### Lowest Channel / QPSK

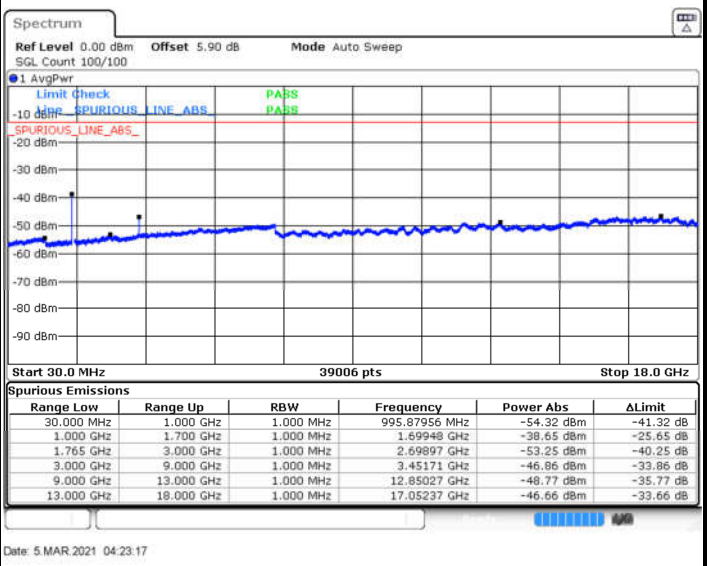



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 864.99500 MHz | -54.19 dBm | -41.19 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.69773 GHz | -38.62 dBm | -25.62 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 1.77261 GHz | -53.04 dBm | -40.04 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.42221 GHz | -39.85 dBm | -26.85 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 11.92088 GHz | -48.95 dBm | -35.95 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.89913 GHz | -46.35 dBm | -33.35 dB |

Date: 5.MAR.2021 04:22:22

### Middle Channel / QPSK

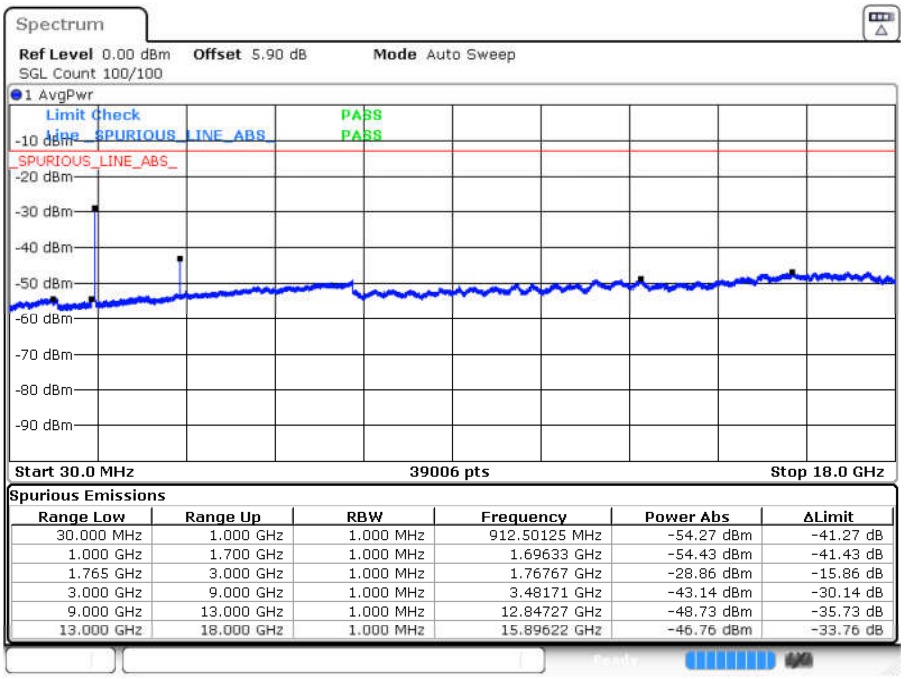



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 995.87956 MHz | -54.32 dBm | -41.32 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.69948 GHz | -38.65 dBm | -25.65 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 2.69897 GHz | -53.25 dBm | -40.25 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.45171 GHz | -46.86 dBm | -33.86 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.85027 GHz | -48.77 dBm | -35.77 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 17.05237 GHz | -46.66 dBm | -33.66 dB |

Date: 5.MAR.2021 04:23:17

### Highest Channel / QPSK



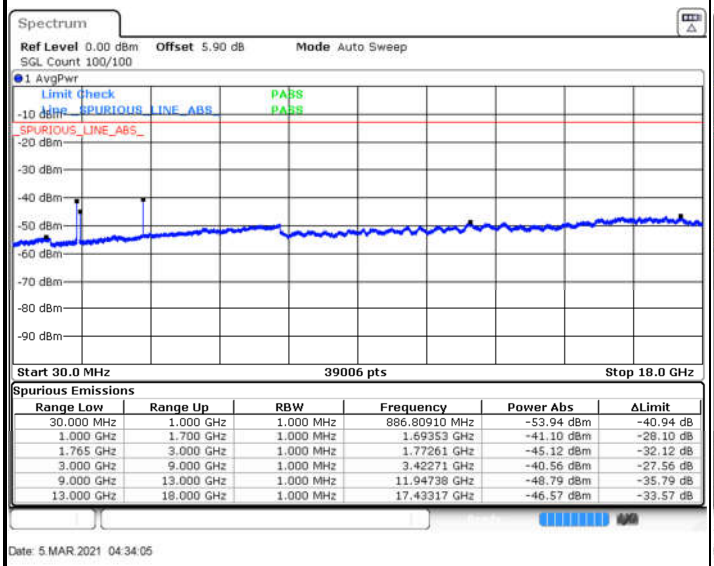

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 912.50125 MHz | -54.27 dBm | -41.27 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.69633 GHz | -54.43 dBm | -41.43 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 1.76767 GHz | -28.86 dBm | -15.86 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.48171 GHz | -43.14 dBm | -30.14 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.84727 GHz | -48.73 dBm | -35.73 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.89622 GHz | -46.76 dBm | -33.76 dB |

Date: 5.MAR.2021 04:28:41

## LTE Band 4 / 20MHz

### Lowest Channel / QPSK

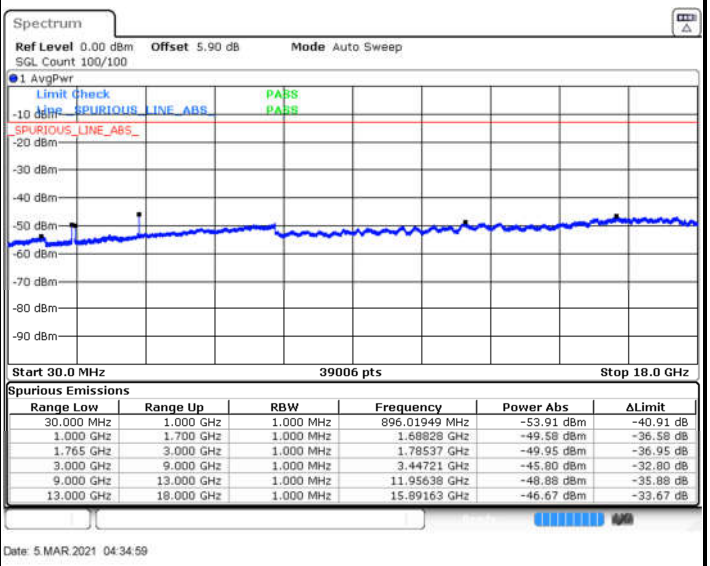



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 886.80910 MHz | -53.94 dBm | -40.94 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.69353 GHz | -41.10 dBm | -28.10 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 1.77261 GHz | -45.12 dBm | -32.12 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.42271 GHz | -40.56 dBm | -27.56 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 11.94738 GHz | -48.79 dBm | -35.79 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 17.43317 GHz | -46.57 dBm | -33.57 dB |

Date: 5.MAR.2021 04:34:05

### Middle Channel / QPSK

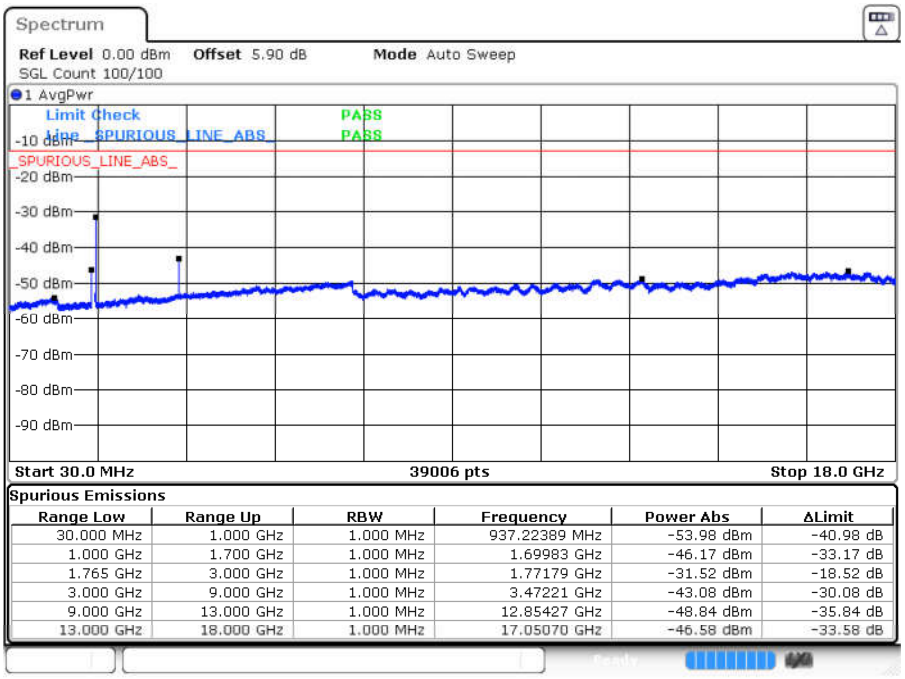



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 896.01949 MHz | -53.91 dBm | -40.91 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.68828 GHz | -49.58 dBm | -36.58 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 1.78537 GHz | -49.95 dBm | -36.95 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.44721 GHz | -45.80 dBm | -32.80 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 11.95638 GHz | -48.88 dBm | -35.88 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.89163 GHz | -46.67 dBm | -33.67 dB |

Date: 5.MAR.2021 04:34:59

### Highest Channel / QPSK




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 937.22389 MHz | -53.98 dBm | -40.98 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.69983 GHz | -46.17 dBm | -33.17 dB |
| 1.765 GHz | 3.000 GHz | 1.000 MHz | 1.77179 GHz | -31.52 dBm | -18.52 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.47221 GHz | -43.08 dBm | -30.08 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.85427 GHz | -48.84 dBm | -35.84 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 17.05070 GHz | -46.58 dBm | -33.58 dB |

Date: 5.MAR.2021 04:40:23

# Frequency Stability

| Test Conditions | | LTE Band 4 (QPSK) / Middle Channel | Limit |
|---|---|---|---|
| Temperature (°C) | Voltage (Volt) | BW 20MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0022 | PASS |
| 40 | Normal Voltage | 0.0021 | |
| 30 | Normal Voltage | 0.0006 | |
| 20(Ref.) | Normal Voltage | 0.0002 | |
| 10 | Normal Voltage | 0.0008 | |
| 0 | Normal Voltage | 0.0018 | |
| -10 | Normal Voltage | 0.0004 | |
| -20 | Normal Voltage | 0.0016 | |
| -30 | Normal Voltage | 0.0012 | |
| 20 | Maximum Voltage | 0.0008 | |
| 20 | Normal Voltage | 0.0020 | |
| 20 | Battery End Point | 0.0001 | |

**Note:**

1. Normal Voltage =3.9 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.2 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

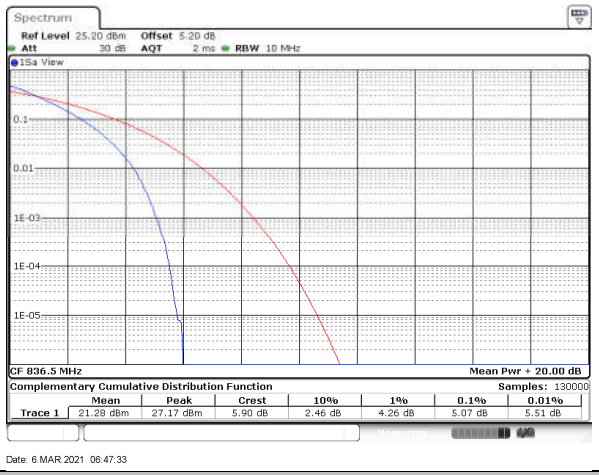
# LTE Band 5

## Peak-to-Average Ratio

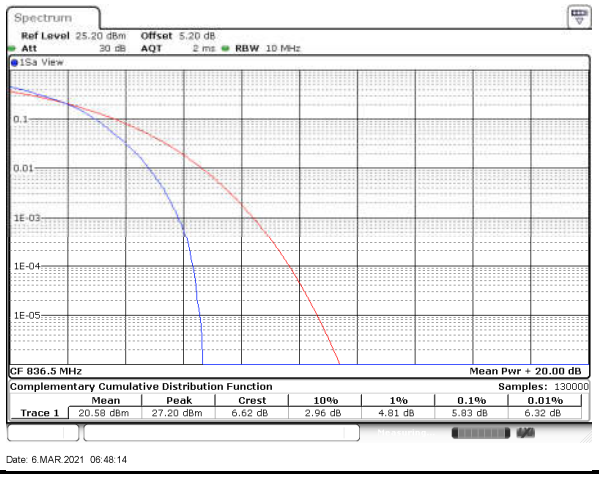
| Mode | LTE Band 5 / 10MHz | | | |
|---|---|---|---|---|
| Mod. | QPSK | 16QAM | | Limit: 13dB |
| RB Size | Full RB | Full RB | | Result |
| Middle CH | 5.07 | 5.83 | | PASS |

**LTE Band 5 / 10MHz**

**Middle Channel / Full RB/ QPSK**




**Middle Channel / Full RB/ 16QAM**

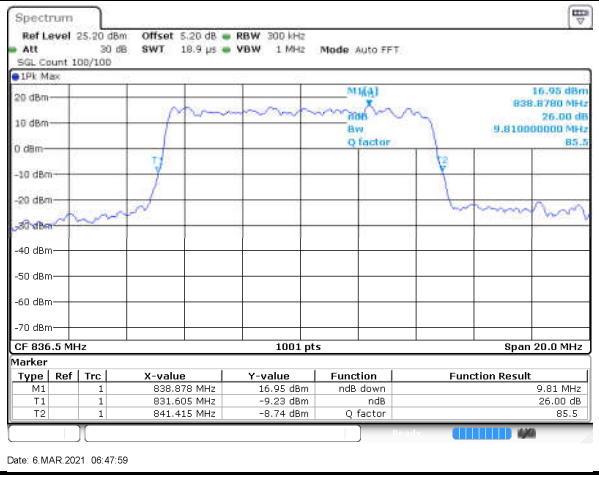


# 26dB Bandwidth

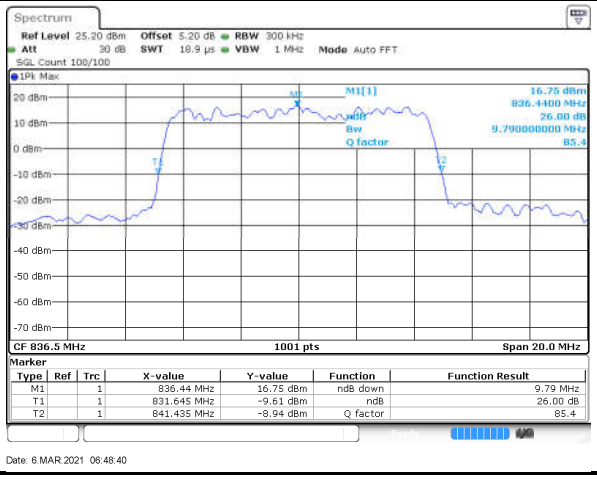
| Mode | LTE Band 5 : 26dB BW(MHz) | |
|---|---|---|
| BW | 10MHz | |
| Mod. | QPSK | 16QAM |
| Middle CH | 9.81 | 9.79 |

**LTE Band 5**

**Middle Channel / 10MHz / QPSK**



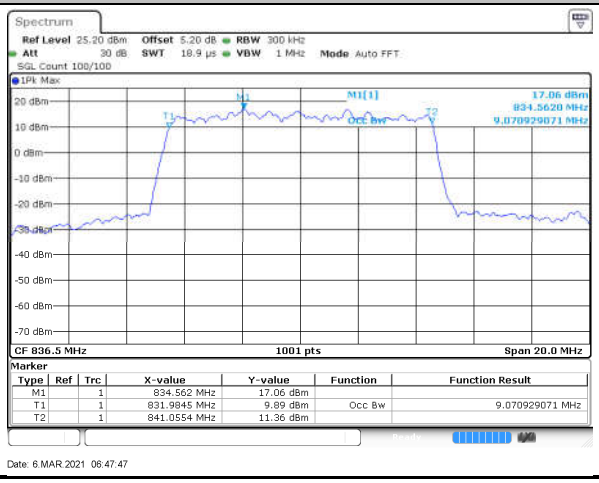

**Middle Channel / 10MHz / 16QAM**

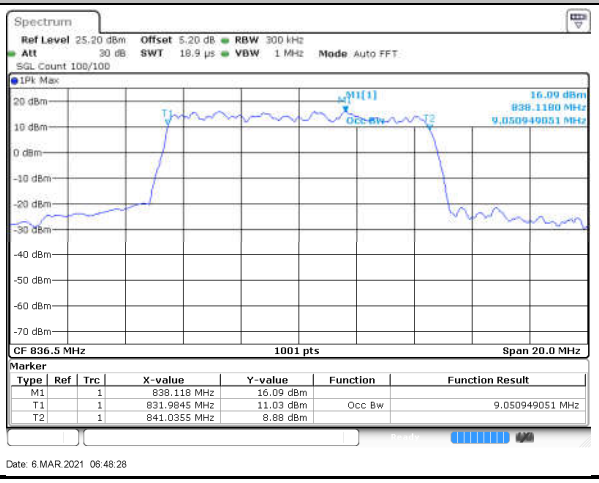


# Occupied Bandwidth

| Mode | LTE Band 5 : 99%OBW(MHz) | |
|---|---|---|
| BW | 10MHz | |
| Mod. | QPSK | 16QAM |
| Middle CH | 9.07 | 9.05 |

| LTE Band 5 | |
|---|---|
| Middle Channel / 10MHz / QPSK | Middle Channel / 10MHz / 16QAM |

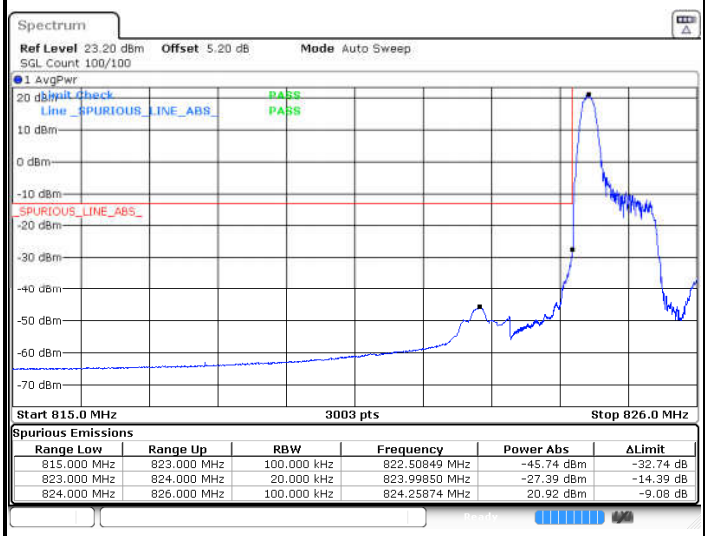


# Conducted Band Edge

## LTE Band 5 / 1.4MHz / QPSK

### Lowest Band Edge / 1RB

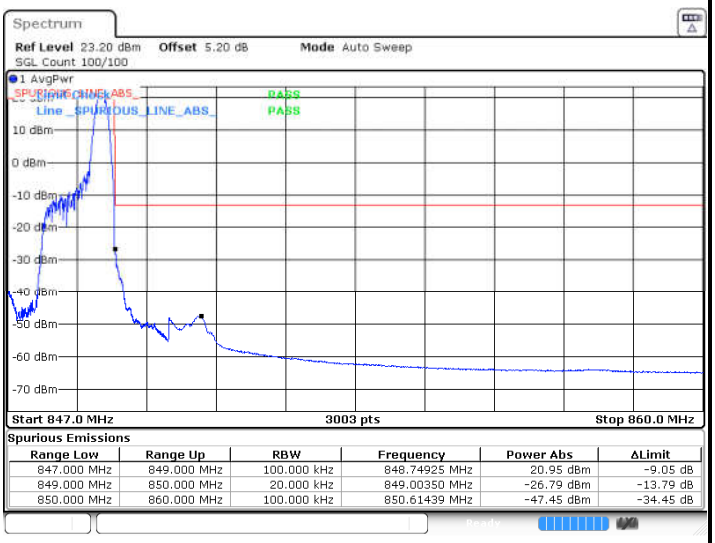



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 815.000 MHz | 823.000 MHz | 100.000 kHz | 822.50849 MHz | -45.74 dBm | -32.74 dB |
| 823.000 MHz | 824.000 MHz | 20.000 kHz | 823.99850 MHz | -27.39 dBm | -14.39 dB |
| 824.000 MHz | 826.000 MHz | 100.000 kHz | 824.25874 MHz | 20.92 dBm | -9.08 dB |

Date: 5.MAR.2021 05:19:55

### Highest Band Edge / 1RB

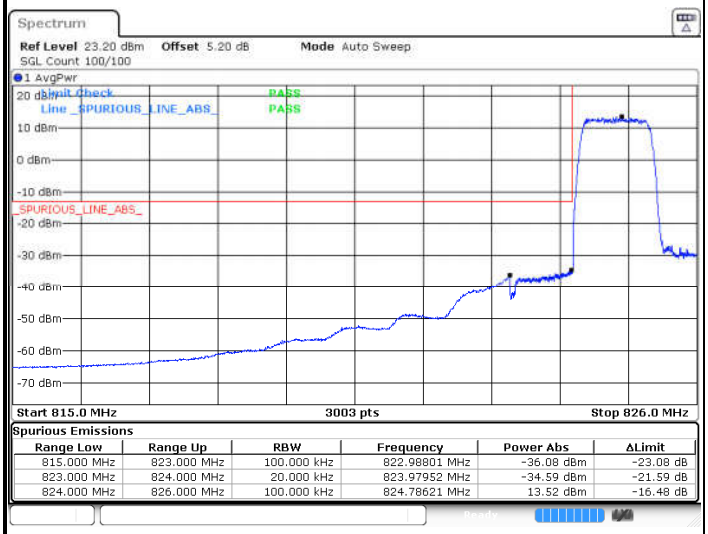



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 847.000 MHz | 849.000 MHz | 100.000 kHz | 848.74925 MHz | 20.95 dBm | -9.05 dB |
| 849.000 MHz | 850.000 MHz | 20.000 kHz | 849.00350 MHz | -26.79 dBm | -13.79 dB |
| 850.000 MHz | 860.000 MHz | 100.000 kHz | 850.61439 MHz | -47.45 dBm | -34.45 dB |

Date: 5.MAR.2021 05:31:28

### Lowest Band Edge / Full RB

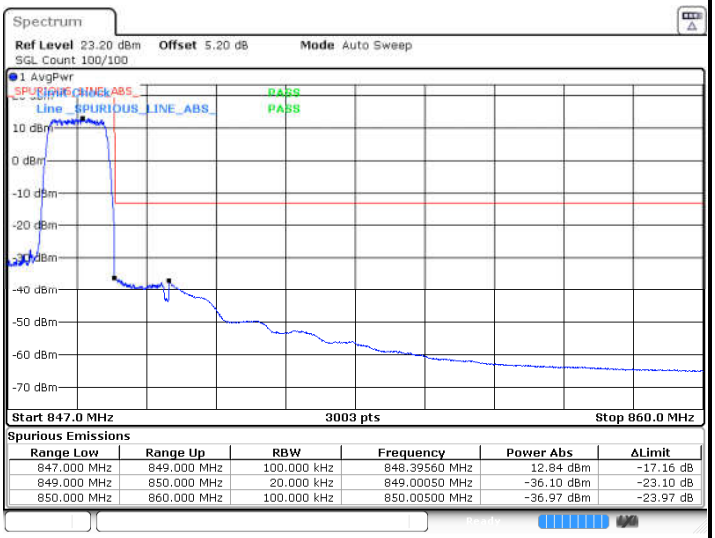



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 815.000 MHz | 823.000 MHz | 100.000 kHz | 822.98801 MHz | -36.08 dBm | -23.08 dB |
| 823.000 MHz | 824.000 MHz | 20.000 kHz | 823.97952 MHz | -34.59 dBm | -21.59 dB |
| 824.000 MHz | 826.000 MHz | 100.000 kHz | 824.78621 MHz | 13.52 dBm | -16.48 dB |

Date: 5.MAR.2021 05:23:10

### Highest Band Edge / Full RB



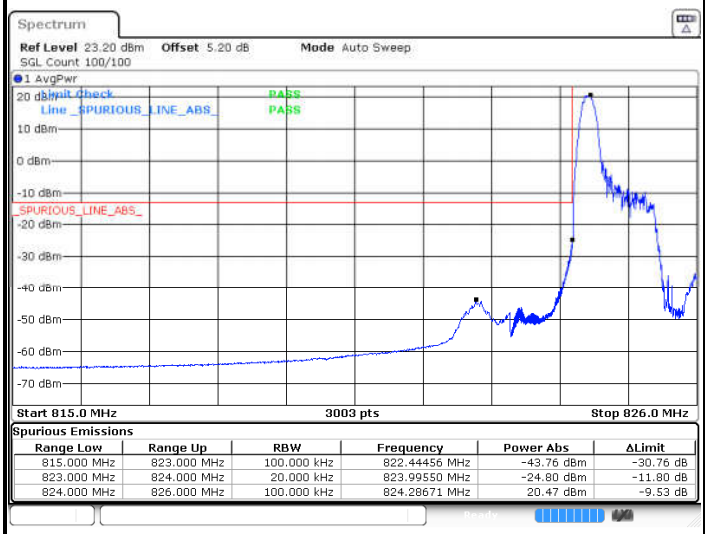

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 847.000 MHz | 849.000 MHz | 100.000 kHz | 848.39560 MHz | 12.84 dBm | -17.16 dB |
| 849.000 MHz | 850.000 MHz | 20.000 kHz | 849.00050 MHz | -36.10 dBm | -23.10 dB |
| 850.000 MHz | 860.000 MHz | 100.000 kHz | 850.00500 MHz | -36.97 dBm | -23.97 dB |

Date: 5.MAR.2021 05:28:13

## LTE Band 5 / 1.4MHz / 16QAM

### Lowest Band Edge / 1 RB

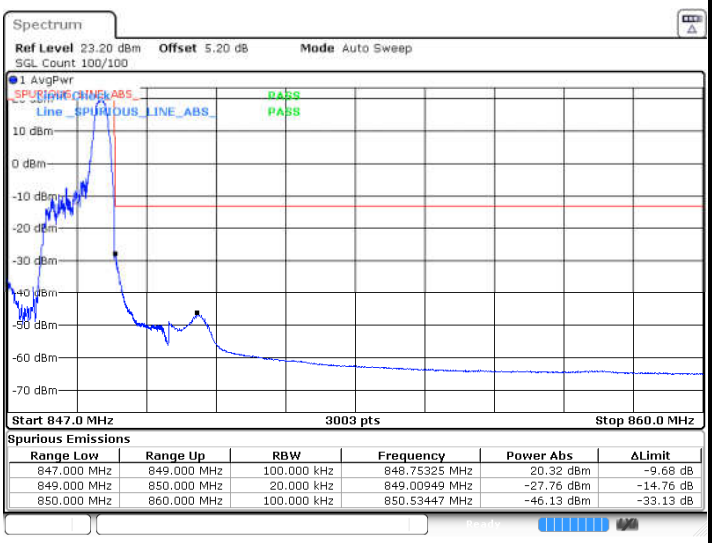



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 815.000 MHz | 823.000 MHz | 100.000 kHz | 822.44456 MHz | -43.76 dBm | -30.76 dB |
| 823.000 MHz | 824.000 MHz | 20.000 kHz | 823.99550 MHz | -24.80 dBm | -11.80 dB |
| 824.000 MHz | 826.000 MHz | 100.000 kHz | 824.28671 MHz | 20.47 dBm | -9.53 dB |

Date: 5.MAR.2021 05:21:32

### Highest Band Edge / 1 RB

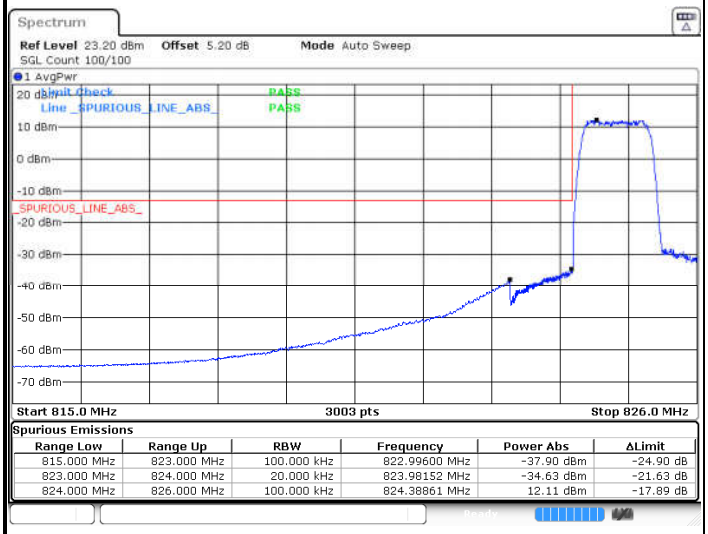



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 847.000 MHz | 849.000 MHz | 100.000 kHz | 848.75325 MHz | 20.32 dBm | -9.68 dB |
| 849.000 MHz | 850.000 MHz | 20.000 kHz | 849.00949 MHz | -27.76 dBm | -14.76 dB |
| 850.000 MHz | 860.000 MHz | 100.000 kHz | 850.53447 MHz | -46.13 dBm | -33.13 dB |

Date: 5.MAR.2021 05:33:05

### Lowest Band Edge / Full RB

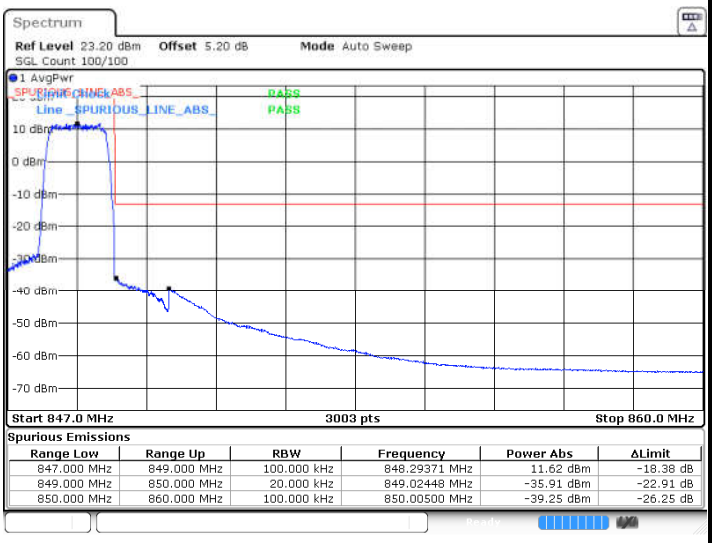



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 815.000 MHz | 823.000 MHz | 100.000 kHz | 822.99600 MHz | -37.90 dBm | -24.90 dB |
| 823.000 MHz | 824.000 MHz | 20.000 kHz | 823.98152 MHz | -34.63 dBm | -21.63 dB |
| 824.000 MHz | 826.000 MHz | 100.000 kHz | 824.38861 MHz | 12.11 dBm | -17.89 dB |

Date: 5.MAR.2021 05:24:47

### Highest Band Edge / Full RB



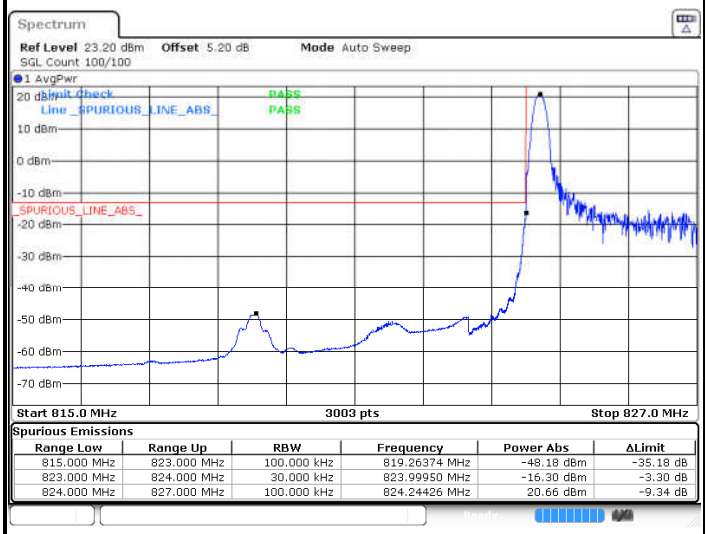

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 847.000 MHz | 849.000 MHz | 100.000 kHz | 848.29371 MHz | 11.62 dBm | -18.38 dB |
| 849.000 MHz | 850.000 MHz | 20.000 kHz | 849.02448 MHz | -35.91 dBm | -22.91 dB |
| 850.000 MHz | 860.000 MHz | 100.000 kHz | 850.00500 MHz | -39.25 dBm | -26.25 dB |

Date: 5.MAR.2021 05:29:51

## LTE Band 5 / 3MHz / QPSK

### Lowest Band Edge / 1RB

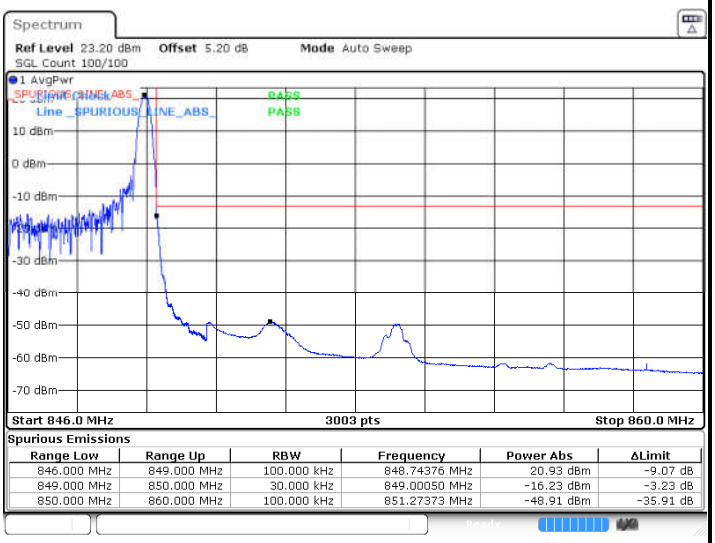



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 815.000 MHz | 823.000 MHz | 100.000 kHz | 819.26374 MHz | -48.18 dBm | -35.18 dB |
| 823.000 MHz | 824.000 MHz | 30.000 kHz | 823.99950 MHz | -16.30 dBm | -3.30 dB |
| 824.000 MHz | 827.000 MHz | 100.000 kHz | 824.24426 MHz | 20.66 dBm | -9.34 dB |

Date: 5.MAR.2021 05:35:37

### Highest Band Edge / 1 RB

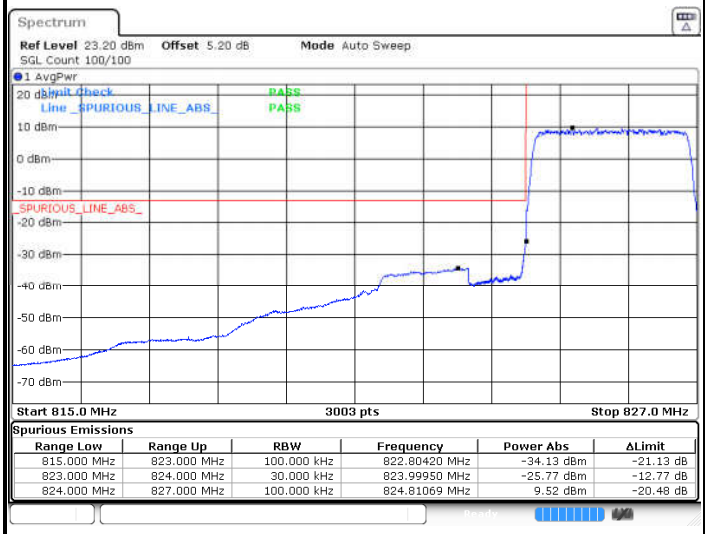



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 846.000 MHz | 849.000 MHz | 100.000 kHz | 848.74376 MHz | 20.93 dBm | -9.07 dB |
| 849.000 MHz | 850.000 MHz | 30.000 kHz | 849.00050 MHz | -16.23 dBm | -3.23 dB |
| 850.000 MHz | 860.000 MHz | 100.000 kHz | 851.27373 MHz | -48.91 dBm | -35.91 dB |

Date: 5.MAR.2021 05:43:56

### Lowest Band Edge / Full RB

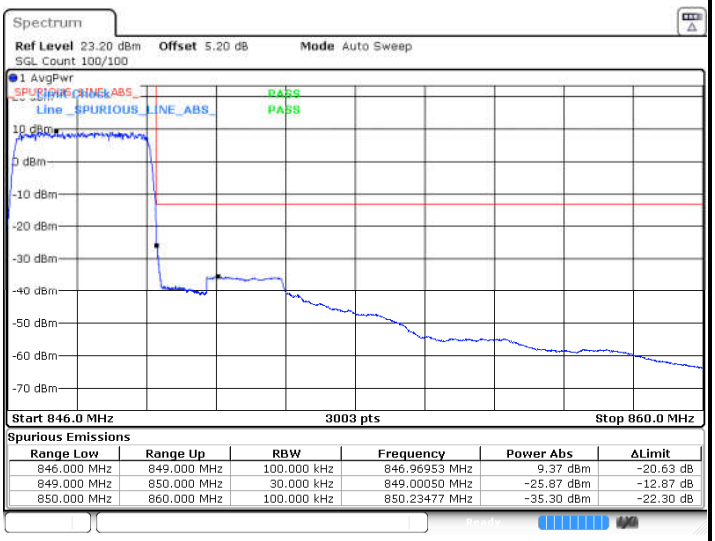



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 815.000 MHz | 823.000 MHz | 100.000 kHz | 822.80420 MHz | -34.13 dBm | -21.13 dB |
| 823.000 MHz | 824.000 MHz | 30.000 kHz | 823.99950 MHz | -25.77 dBm | -12.77 dB |
| 824.000 MHz | 827.000 MHz | 100.000 kHz | 824.81069 MHz | 9.52 dBm | -20.48 dB |

Date: 5.MAR.2021 05:38:52

### Highest Band Edge / Full RB



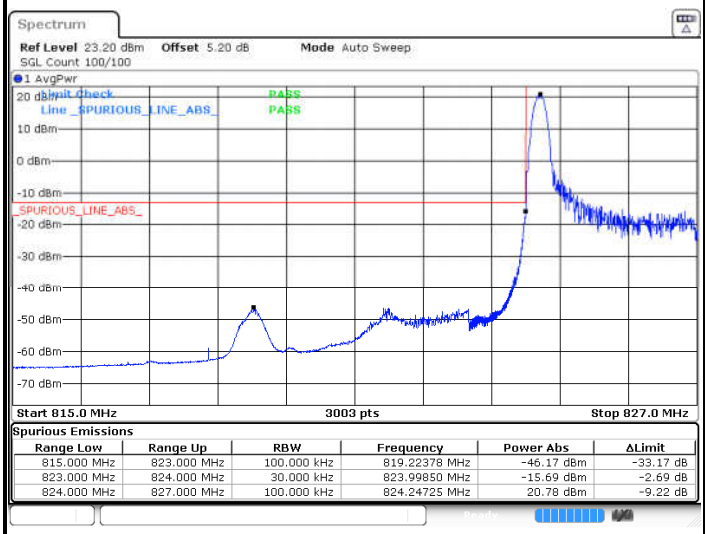

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 846.000 MHz | 849.000 MHz | 100.000 kHz | 846.96953 MHz | 9.37 dBm | -20.63 dB |
| 849.000 MHz | 850.000 MHz | 30.000 kHz | 849.00050 MHz | -25.87 dBm | -12.87 dB |
| 850.000 MHz | 860.000 MHz | 100.000 kHz | 850.23477 MHz | -35.30 dBm | -22.30 dB |

Date: 5.MAR.2021 05:47:11

## LTE Band 5 / 3MHz / 16QAM

### Lowest Band Edge / 1 RB

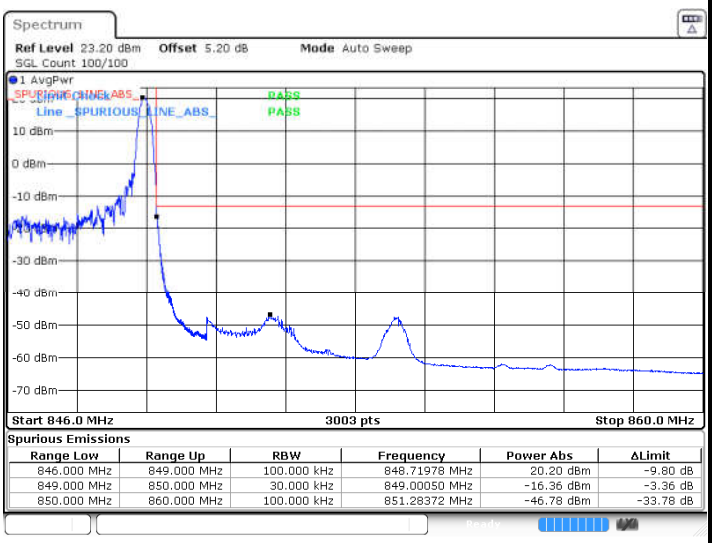



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 815.000 MHz | 823.000 MHz | 100.000 kHz | 819.22378 MHz | -46.17 dBm | -33.17 dB |
| 823.000 MHz | 824.000 MHz | 30.000 kHz | 823.99850 MHz | -15.69 dBm | -2.69 dB |
| 824.000 MHz | 827.000 MHz | 100.000 kHz | 824.24725 MHz | 20.78 dBm | -9.22 dB |

Date: 5.MAR.2021 05:37:15

### Highest Band Edge /1 RB

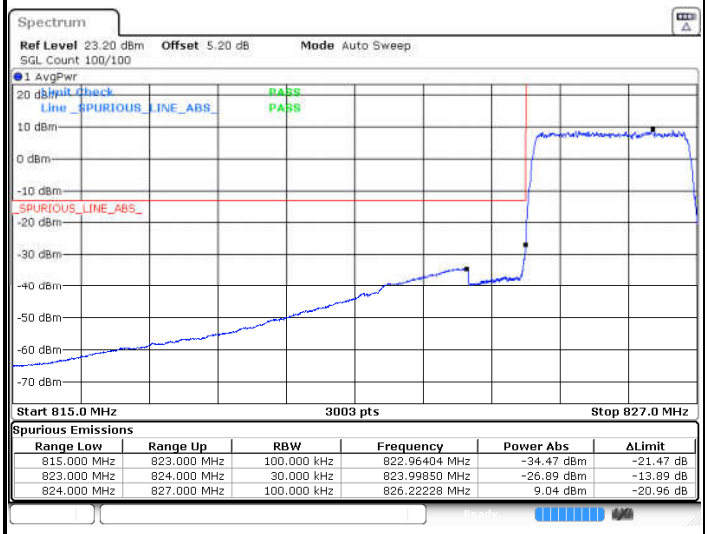



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 846.000 MHz | 849.000 MHz | 100.000 kHz | 848.71978 MHz | 20.20 dBm | -9.80 dB |
| 849.000 MHz | 850.000 MHz | 30.000 kHz | 849.00050 MHz | -16.36 dBm | -3.36 dB |
| 850.000 MHz | 860.000 MHz | 100.000 kHz | 851.28372 MHz | -46.78 dBm | -33.78 dB |

Date: 5.MAR.2021 05:45:33

### Lowest Band Edge / Full RB

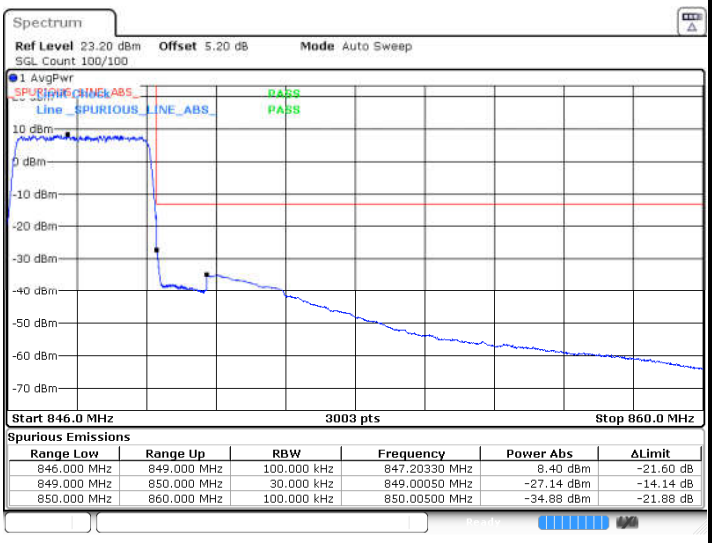



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 815.000 MHz | 823.000 MHz | 100.000 kHz | 822.96404 MHz | -34.47 dBm | -21.47 dB |
| 823.000 MHz | 824.000 MHz | 30.000 kHz | 823.99850 MHz | -26.89 dBm | -13.89 dB |
| 824.000 MHz | 827.000 MHz | 100.000 kHz | 826.22228 MHz | 9.04 dBm | -20.96 dB |

Date: 5.MAR.2021 05:40:30

### Highest Band Edge / Full RB



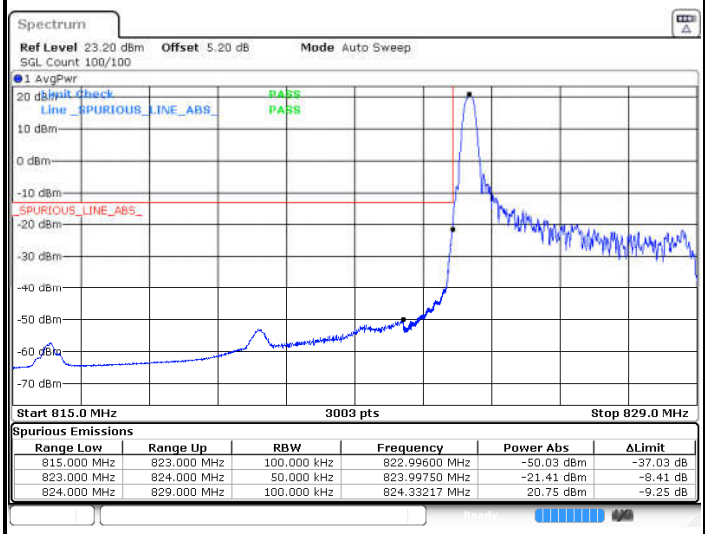

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 846.000 MHz | 849.000 MHz | 100.000 kHz | 847.20330 MHz | 8.40 dBm | -21.60 dB |
| 849.000 MHz | 850.000 MHz | 30.000 kHz | 849.00050 MHz | -27.14 dBm | -14.14 dB |
| 850.000 MHz | 860.000 MHz | 100.000 kHz | 850.00500 MHz | -34.88 dBm | -21.88 dB |

Date: 5.MAR.2021 05:48:48

## LTE Band 5 / 5MHz / QPSK

### Lowest Band Edge / 1 RB

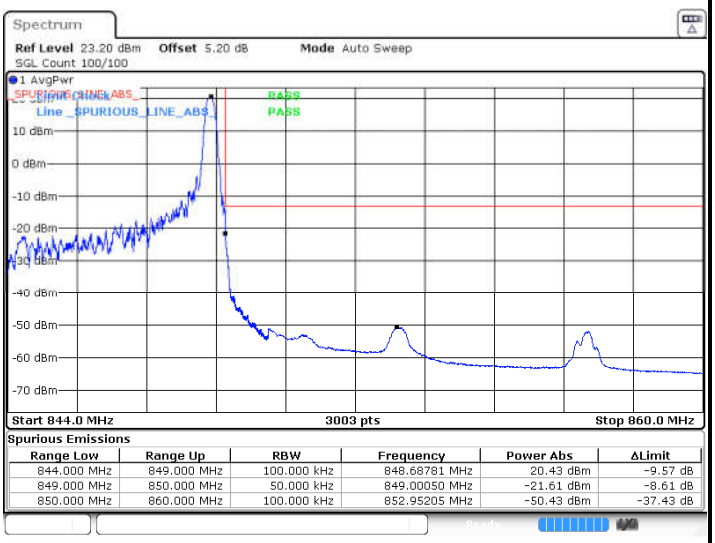



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 815.000 MHz | 823.000 MHz | 100.000 kHz | 822.99600 MHz | -50.03 dBm | -37.03 dB |
| 823.000 MHz | 824.000 MHz | 50.000 kHz | 823.99750 MHz | -21.41 dBm | -8.41 dB |
| 824.000 MHz | 829.000 MHz | 100.000 kHz | 824.33217 MHz | 20.75 dBm | -9.25 dB |

Date: 5.MAR.2021 05:51:20

### Highest Band Edge / 1 RB

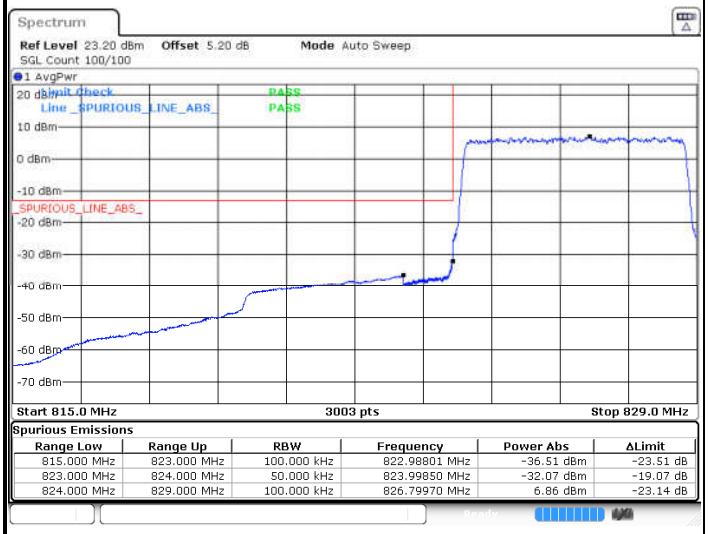



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 844.000 MHz | 849.000 MHz | 100.000 kHz | 848.68781 MHz | 20.43 dBm | -9.57 dB |
| 849.000 MHz | 850.000 MHz | 50.000 kHz | 849.00050 MHz | -21.61 dBm | -8.61 dB |
| 850.000 MHz | 860.000 MHz | 100.000 kHz | 852.95205 MHz | -50.43 dBm | -37.43 dB |

Date: 5.MAR.2021 05:59:38

### Lowest Band Edge / Full RB

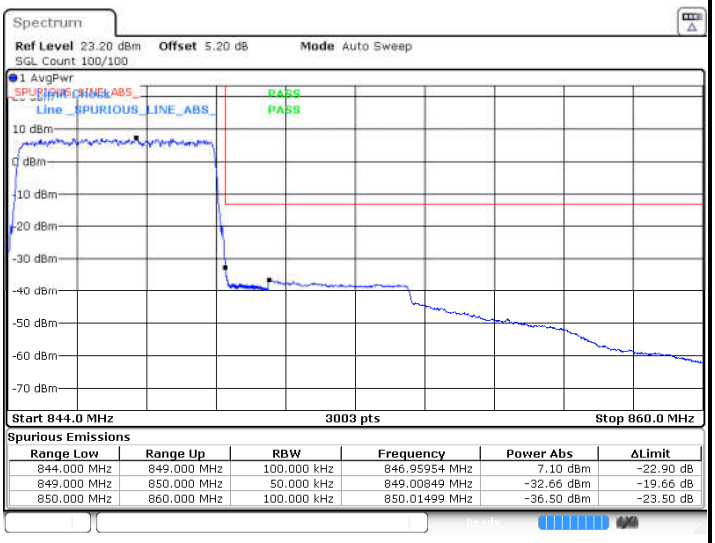



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 815.000 MHz | 823.000 MHz | 100.000 kHz | 822.98801 MHz | -36.51 dBm | -23.51 dB |
| 823.000 MHz | 824.000 MHz | 50.000 kHz | 823.99850 MHz | -32.07 dBm | -19.07 dB |
| 824.000 MHz | 829.000 MHz | 100.000 kHz | 826.79970 MHz | 6.86 dBm | -23.14 dB |

Date: 5.MAR.2021 05:54:34

### Highest Band Edge / Full RB




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 844.000 MHz | 849.000 MHz | 100.000 kHz | 846.95954 MHz | 7.10 dBm | -22.90 dB |
| 849.000 MHz | 850.000 MHz | 50.000 kHz | 849.00849 MHz | -32.66 dBm | -19.66 dB |
| 850.000 MHz | 860.000 MHz | 100.000 kHz | 850.01499 MHz | -36.50 dBm | -23.50 dB |

Date: 5.MAR.2021 06:02:53