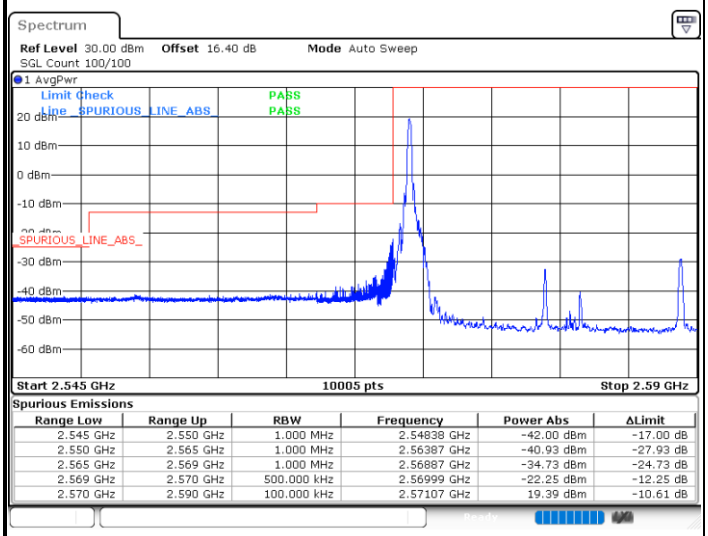
## LTE Band 38 / 20MHz / 16QAM

### Lowest Band Edge / 1 RB

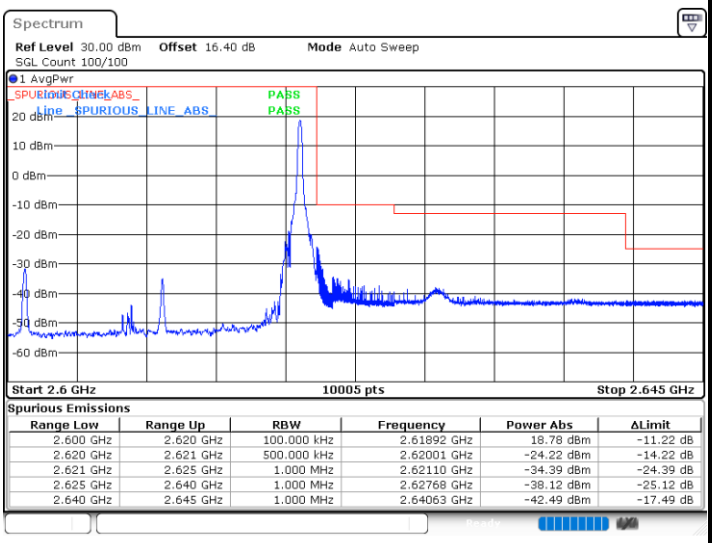



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.545 GHz | 2.550 GHz | 1.000 MHz | 2.54838 GHz | -42.00 dBm | -17.00 dB |
| 2.550 GHz | 2.565 GHz | 1.000 MHz | 2.56387 GHz | -40.93 dBm | -27.93 dB |
| 2.565 GHz | 2.569 GHz | 1.000 MHz | 2.56887 GHz | -34.73 dBm | -24.73 dB |
| 2.569 GHz | 2.570 GHz | 500.000 kHz | 2.56999 GHz | -22.25 dBm | -12.25 dB |
| 2.570 GHz | 2.590 GHz | 100.000 kHz | 2.57107 GHz | 19.39 dBm | -10.61 dB |

Date: 19.SEP.2020 04:39:28

### Highest Band Edge / 1 RB

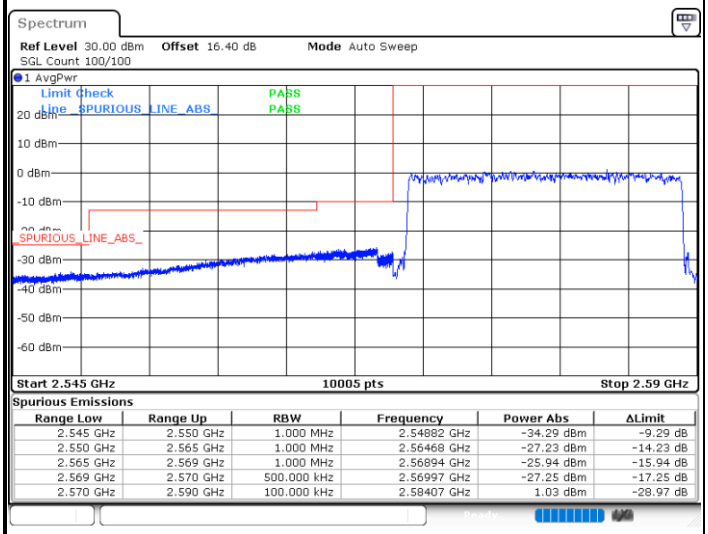



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.600 GHz | 2.620 GHz | 100.000 kHz | 2.61892 GHz | 18.78 dBm | -11.22 dB |
| 2.620 GHz | 2.621 GHz | 500.000 kHz | 2.62001 GHz | -24.22 dBm | -14.22 dB |
| 2.621 GHz | 2.625 GHz | 1.000 MHz | 2.62110 GHz | -34.39 dBm | -24.39 dB |
| 2.625 GHz | 2.640 GHz | 1.000 MHz | 2.62768 GHz | -38.12 dBm | -25.12 dB |
| 2.640 GHz | 2.645 GHz | 1.000 MHz | 2.64063 GHz | -42.49 dBm | -17.49 dB |

Date: 19.SEP.2020 04:42:00

### Lowest Band Edge / Full RB

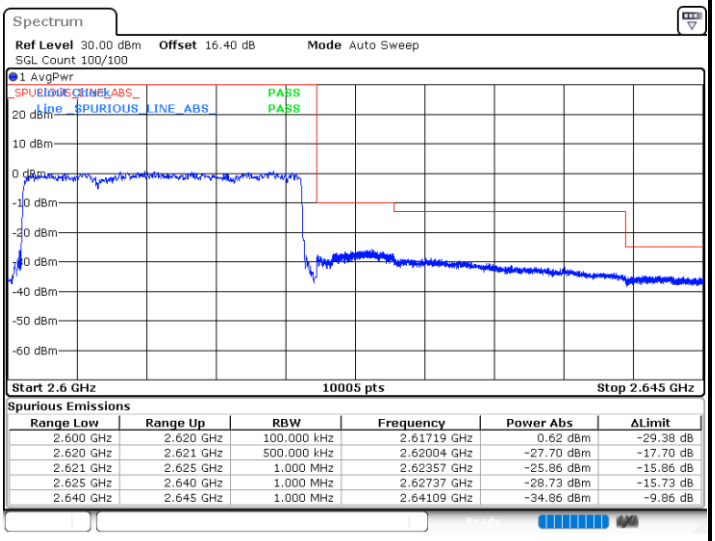



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.545 GHz | 2.550 GHz | 1.000 MHz | 2.54882 GHz | -34.29 dBm | -9.29 dB |
| 2.550 GHz | 2.565 GHz | 1.000 MHz | 2.56468 GHz | -27.23 dBm | -14.23 dB |
| 2.565 GHz | 2.569 GHz | 1.000 MHz | 2.56894 GHz | -25.94 dBm | -15.94 dB |
| 2.569 GHz | 2.570 GHz | 500.000 kHz | 2.56997 GHz | -27.25 dBm | -17.25 dB |
| 2.570 GHz | 2.590 GHz | 100.000 kHz | 2.58407 GHz | 1.03 dBm | -28.97 dB |

Date: 19.SEP.2020 04:40:18

### Highest Band Edge / Full RB




Spurious Emissions

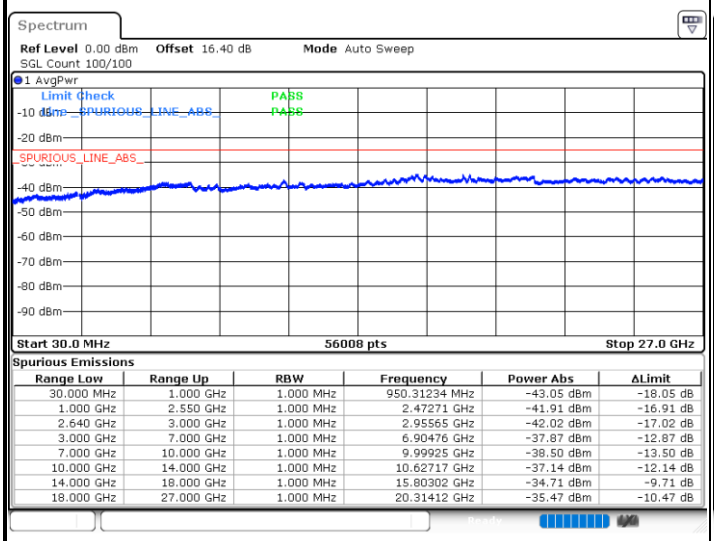
| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.600 GHz | 2.620 GHz | 100.000 kHz | 2.61719 GHz | 0.62 dBm | -29.38 dB |
| 2.620 GHz | 2.621 GHz | 500.000 kHz | 2.62004 GHz | -27.70 dBm | -17.70 dB |
| 2.621 GHz | 2.625 GHz | 1.000 MHz | 2.62357 GHz | -25.86 dBm | -15.86 dB |
| 2.625 GHz | 2.640 GHz | 1.000 MHz | 2.62737 GHz | -28.73 dBm | -15.73 dB |
| 2.640 GHz | 2.645 GHz | 1.000 MHz | 2.64109 GHz | -34.86 dBm | -9.86 dB |

Date: 19.SEP.2020 04:41:09

# Conducted Spurious Emission

## LTE Band 38 / 5MHz

### Lowest Channel / QPSK

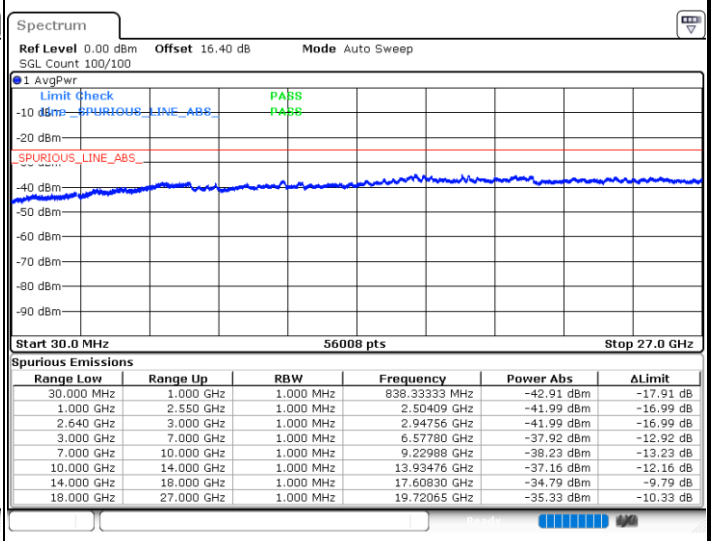



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 950.31234 MHz | -43.05 dBm | -18.05 dB |
| 1.000 GHz | 2.550 GHz | 1.000 MHz | 2.47271 GHz | -41.91 dBm | -16.91 dB |
| 2.640 GHz | 3.000 GHz | 1.000 MHz | 2.95565 GHz | -42.02 dBm | -17.02 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.90476 GHz | -37.87 dBm | -12.87 dB |
| 7.000 GHz | 10.000 GHz | 1.000 MHz | 9.99925 GHz | -38.50 dBm | -13.50 dB |
| 10.000 GHz | 14.000 GHz | 1.000 MHz | 10.62717 GHz | -37.14 dBm | -12.14 dB |
| 14.000 GHz | 18.000 GHz | 1.000 MHz | 15.80302 GHz | -34.71 dBm | -9.71 dB |
| 18.000 GHz | 27.000 GHz | 1.000 MHz | 20.31412 GHz | -35.47 dBm | -10.47 dB |

Date: 19.SEP.2020 07:11:33

### Lowest Channel / 16QAM

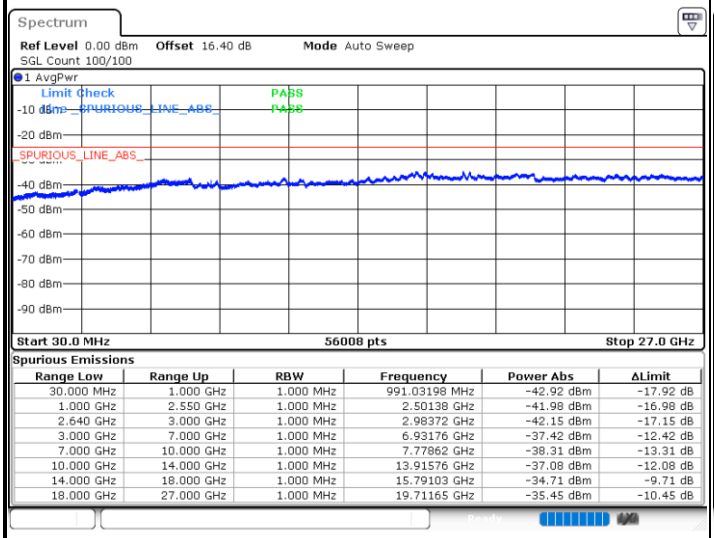



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 838.33333 MHz | -42.91 dBm | -17.91 dB |
| 1.000 GHz | 2.550 GHz | 1.000 MHz | 2.50409 GHz | -41.99 dBm | -16.99 dB |
| 2.640 GHz | 3.000 GHz | 1.000 MHz | 2.94756 GHz | -41.99 dBm | -16.99 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.57780 GHz | -37.92 dBm | -12.92 dB |
| 7.000 GHz | 10.000 GHz | 1.000 MHz | 9.22988 GHz | -38.23 dBm | -13.23 dB |
| 10.000 GHz | 14.000 GHz | 1.000 MHz | 13.93476 GHz | -37.16 dBm | -12.16 dB |
| 14.000 GHz | 18.000 GHz | 1.000 MHz | 17.60830 GHz | -34.79 dBm | -9.79 dB |
| 18.000 GHz | 27.000 GHz | 1.000 MHz | 19.72065 GHz | -35.33 dBm | -10.33 dB |

Date: 19.SEP.2020 07:12:34

### Middle Channel / QPSK

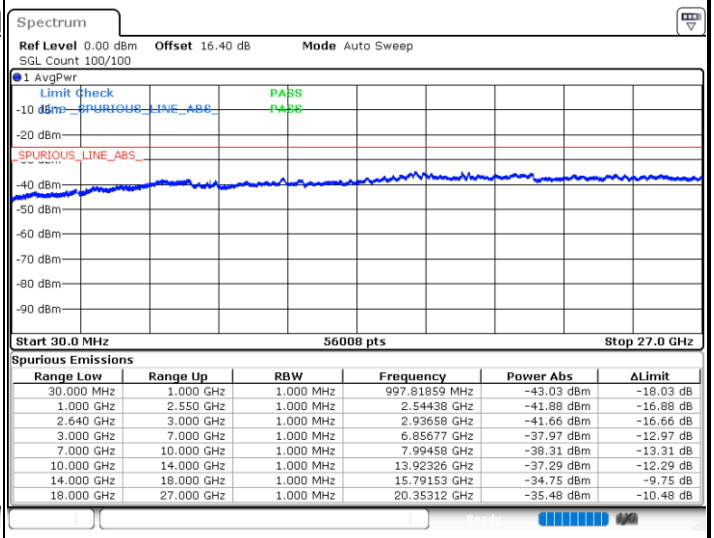



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 991.03198 MHz | -42.92 dBm | -17.92 dB |
| 1.000 GHz | 2.550 GHz | 1.000 MHz | 2.50138 GHz | -41.98 dBm | -16.98 dB |
| 2.640 GHz | 3.000 GHz | 1.000 MHz | 2.98372 GHz | -42.15 dBm | -17.15 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.93176 GHz | -37.42 dBm | -12.42 dB |
| 7.000 GHz | 10.000 GHz | 1.000 MHz | 7.77862 GHz | -38.31 dBm | -13.31 dB |
| 10.000 GHz | 14.000 GHz | 1.000 MHz | 13.91576 GHz | -37.08 dBm | -12.08 dB |
| 14.000 GHz | 18.000 GHz | 1.000 MHz | 15.79103 GHz | -34.71 dBm | -9.71 dB |
| 18.000 GHz | 27.000 GHz | 1.000 MHz | 19.71165 GHz | -35.45 dBm | -10.45 dB |

Date: 19.SEP.2020 07:13:34

### Middle Channel / 16QAM



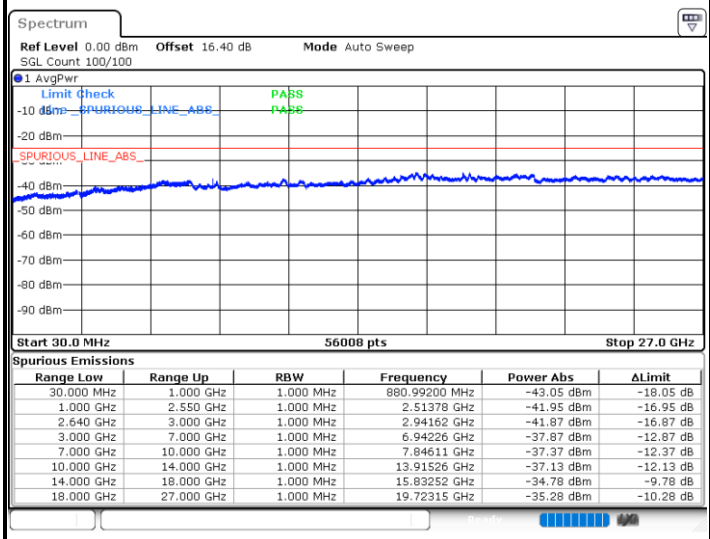

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 997.81859 MHz | -43.03 dBm | -18.03 dB |
| 1.000 GHz | 2.550 GHz | 1.000 MHz | 2.54438 GHz | -41.88 dBm | -16.88 dB |
| 2.640 GHz | 3.000 GHz | 1.000 MHz | 2.93658 GHz | -41.66 dBm | -16.66 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.85677 GHz | -37.97 dBm | -12.97 dB |
| 7.000 GHz | 10.000 GHz | 1.000 MHz | 7.99458 GHz | -38.31 dBm | -13.31 dB |
| 10.000 GHz | 14.000 GHz | 1.000 MHz | 13.92326 GHz | -37.29 dBm | -12.29 dB |
| 14.000 GHz | 18.000 GHz | 1.000 MHz | 15.79153 GHz | -34.75 dBm | -9.75 dB |
| 18.000 GHz | 27.000 GHz | 1.000 MHz | 20.35312 GHz | -35.48 dBm | -10.48 dB |

Date: 19.SEP.2020 07:14:33

## LTE Band 38 / 5MHz

### Highest Channel / QPSK

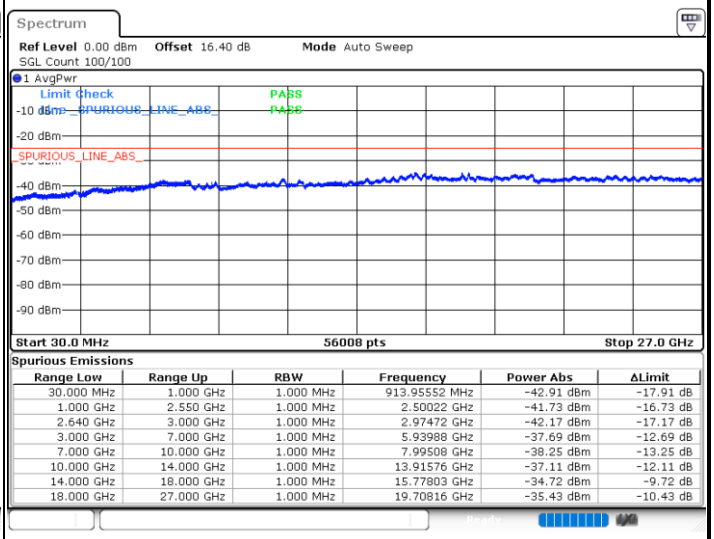



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 880.99200 MHz | -43.05 dBm | -18.05 dB |
| 1.000 GHz | 2.550 GHz | 1.000 MHz | 2.51378 GHz | -41.95 dBm | -16.95 dB |
| 2.640 GHz | 3.000 GHz | 1.000 MHz | 2.94162 GHz | -41.87 dBm | -16.87 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.94226 GHz | -37.87 dBm | -12.87 dB |
| 7.000 GHz | 10.000 GHz | 1.000 MHz | 7.84611 GHz | -37.37 dBm | -12.37 dB |
| 10.000 GHz | 14.000 GHz | 1.000 MHz | 13.91526 GHz | -37.13 dBm | -12.13 dB |
| 14.000 GHz | 18.000 GHz | 1.000 MHz | 15.83252 GHz | -34.78 dBm | -9.78 dB |
| 18.000 GHz | 27.000 GHz | 1.000 MHz | 19.72315 GHz | -35.28 dBm | -10.28 dB |

Date: 19.SEP.2020 07:15:33

### Highest Channel / 16QAM



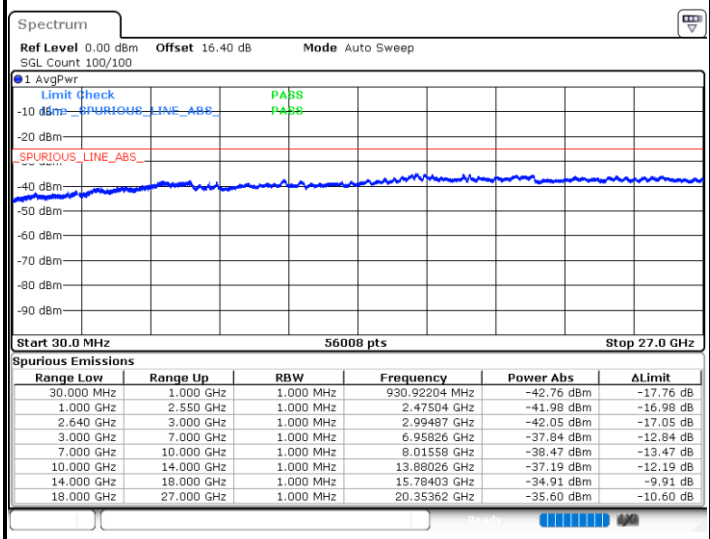

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 913.95552 MHz | -42.91 dBm | -17.91 dB |
| 1.000 GHz | 2.550 GHz | 1.000 MHz | 2.50022 GHz | -41.73 dBm | -16.73 dB |
| 2.640 GHz | 3.000 GHz | 1.000 MHz | 2.97472 GHz | -42.17 dBm | -17.17 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 5.93988 GHz | -37.69 dBm | -12.69 dB |
| 7.000 GHz | 10.000 GHz | 1.000 MHz | 7.99508 GHz | -38.25 dBm | -13.25 dB |
| 10.000 GHz | 14.000 GHz | 1.000 MHz | 13.91576 GHz | -37.11 dBm | -12.11 dB |
| 14.000 GHz | 18.000 GHz | 1.000 MHz | 15.77803 GHz | -34.72 dBm | -9.72 dB |
| 18.000 GHz | 27.000 GHz | 1.000 MHz | 19.70816 GHz | -35.43 dBm | -10.43 dB |

Date: 19.SEP.2020 07:16:33

## LTE Band 38 / 10MHz

### Lowest Channel / QPSK

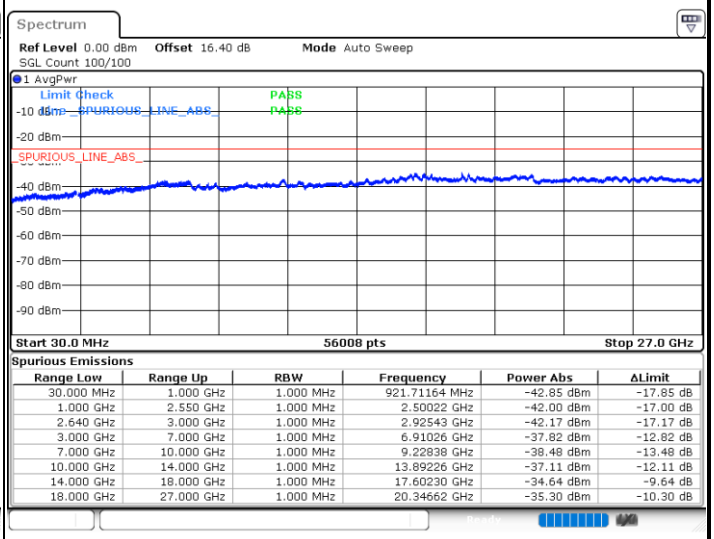



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 930.92204 MHz | -42.76 dBm | -17.76 dB |
| 1.000 GHz | 2.550 GHz | 1.000 MHz | 2.47504 GHz | -41.98 dBm | -16.98 dB |
| 2.640 GHz | 3.000 GHz | 1.000 MHz | 2.99487 GHz | -42.05 dBm | -17.05 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.95826 GHz | -37.84 dBm | -12.84 dB |
| 7.000 GHz | 10.000 GHz | 1.000 MHz | 8.01558 GHz | -38.47 dBm | -13.47 dB |
| 10.000 GHz | 14.000 GHz | 1.000 MHz | 13.88026 GHz | -37.19 dBm | -12.19 dB |
| 14.000 GHz | 18.000 GHz | 1.000 MHz | 15.78403 GHz | -34.91 dBm | -9.91 dB |
| 18.000 GHz | 27.000 GHz | 1.000 MHz | 20.35362 GHz | -35.60 dBm | -10.60 dB |

Date: 19.SEP.2020 07:17:34

### Lowest Channel / 16QAM



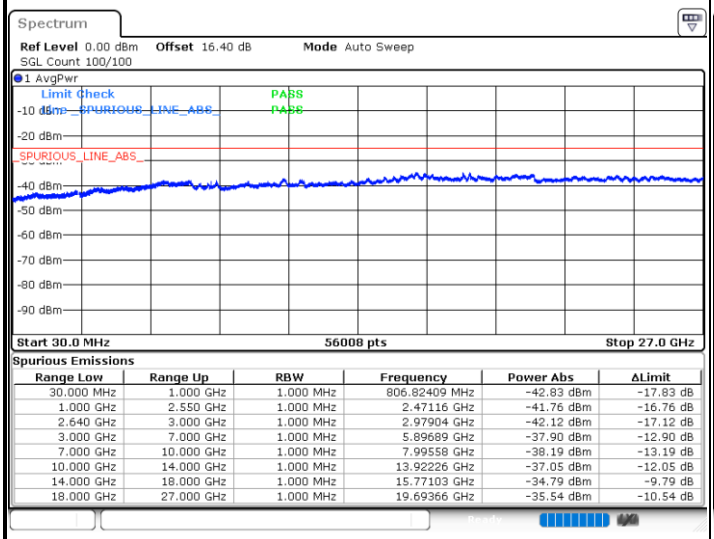

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 921.71164 MHz | -42.85 dBm | -17.85 dB |
| 1.000 GHz | 2.550 GHz | 1.000 MHz | 2.50022 GHz | -42.00 dBm | -17.00 dB |
| 2.640 GHz | 3.000 GHz | 1.000 MHz | 2.92543 GHz | -42.17 dBm | -17.17 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.91026 GHz | -37.82 dBm | -12.82 dB |
| 7.000 GHz | 10.000 GHz | 1.000 MHz | 9.22838 GHz | -38.48 dBm | -13.48 dB |
| 10.000 GHz | 14.000 GHz | 1.000 MHz | 13.89226 GHz | -37.11 dBm | -12.11 dB |
| 14.000 GHz | 18.000 GHz | 1.000 MHz | 17.60230 GHz | -34.64 dBm | -9.64 dB |
| 18.000 GHz | 27.000 GHz | 1.000 MHz | 20.34662 GHz | -35.30 dBm | -10.30 dB |

Date: 19.SEP.2020 07:18:35

## LTE Band 38 / 10MHz

### Middle Channel / QPSK

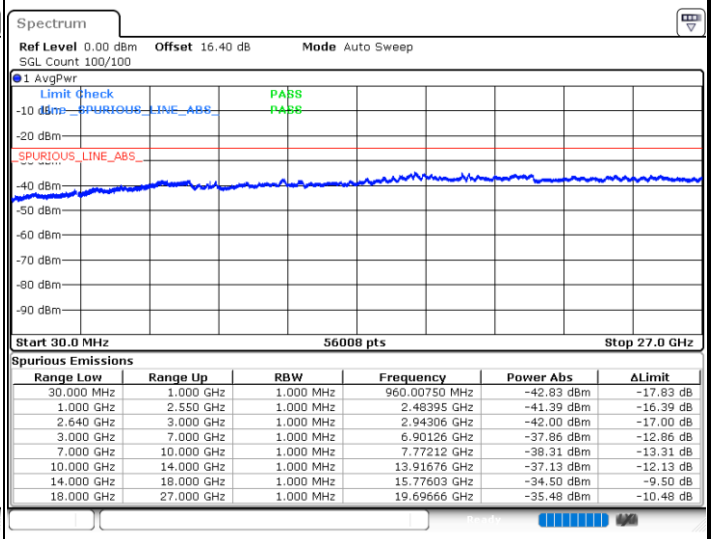



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 806.82409 MHz | -42.83 dBm | -17.83 dB |
| 1.000 GHz | 2.550 GHz | 1.000 MHz | 2.47116 GHz | -41.76 dBm | -16.76 dB |
| 2.640 GHz | 3.000 GHz | 1.000 MHz | 2.97904 GHz | -42.12 dBm | -17.12 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 5.89689 GHz | -37.90 dBm | -12.90 dB |
| 7.000 GHz | 10.000 GHz | 1.000 MHz | 7.99558 GHz | -38.19 dBm | -13.19 dB |
| 10.000 GHz | 14.000 GHz | 1.000 MHz | 13.92226 GHz | -37.05 dBm | -12.05 dB |
| 14.000 GHz | 18.000 GHz | 1.000 MHz | 15.77103 GHz | -34.79 dBm | -9.79 dB |
| 18.000 GHz | 27.000 GHz | 1.000 MHz | 19.69366 GHz | -35.54 dBm | -10.54 dB |

Date: 19.SEP.2020 07:19:35

### Middle Channel / 16QAM

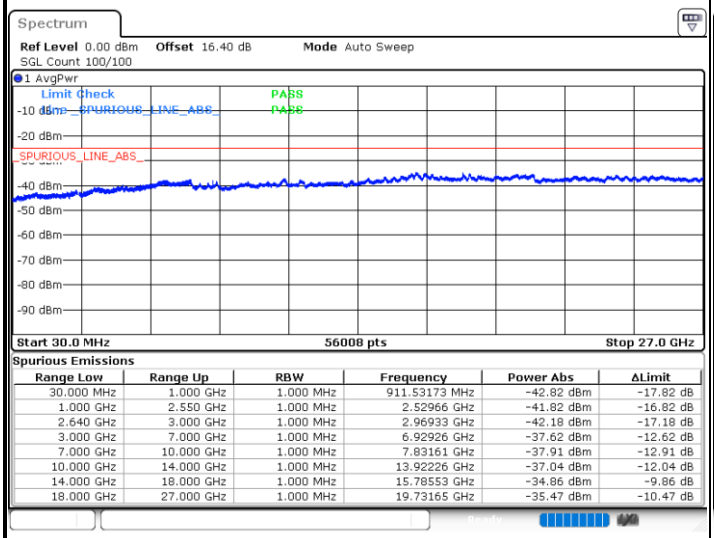



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 960.00750 MHz | -42.83 dBm | -17.83 dB |
| 1.000 GHz | 2.550 GHz | 1.000 MHz | 2.48395 GHz | -41.39 dBm | -16.39 dB |
| 2.640 GHz | 3.000 GHz | 1.000 MHz | 2.94306 GHz | -42.00 dBm | -17.00 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.90126 GHz | -37.86 dBm | -12.86 dB |
| 7.000 GHz | 10.000 GHz | 1.000 MHz | 7.77212 GHz | -38.31 dBm | -13.31 dB |
| 10.000 GHz | 14.000 GHz | 1.000 MHz | 13.91676 GHz | -37.13 dBm | -12.13 dB |
| 14.000 GHz | 18.000 GHz | 1.000 MHz | 15.77603 GHz | -34.50 dBm | -9.50 dB |
| 18.000 GHz | 27.000 GHz | 1.000 MHz | 19.69666 GHz | -35.48 dBm | -10.48 dB |

Date: 19.SEP.2020 07:20:34

### Highest Channel / QPSK

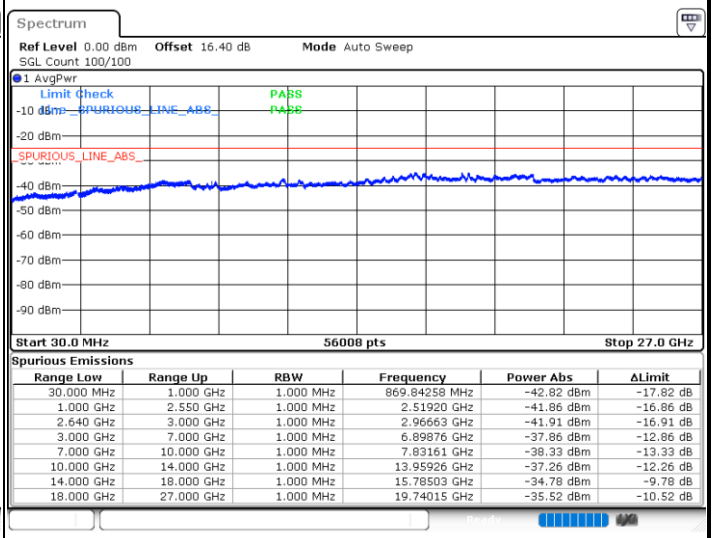



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 911.53173 MHz | -42.82 dBm | -17.82 dB |
| 1.000 GHz | 2.550 GHz | 1.000 MHz | 2.52966 GHz | -41.82 dBm | -16.82 dB |
| 2.640 GHz | 3.000 GHz | 1.000 MHz | 2.96933 GHz | -42.18 dBm | -17.18 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.92926 GHz | -37.62 dBm | -12.62 dB |
| 7.000 GHz | 10.000 GHz | 1.000 MHz | 7.83161 GHz | -37.91 dBm | -12.91 dB |
| 10.000 GHz | 14.000 GHz | 1.000 MHz | 13.92226 GHz | -37.04 dBm | -12.04 dB |
| 14.000 GHz | 18.000 GHz | 1.000 MHz | 15.78553 GHz | -34.86 dBm | -9.86 dB |
| 18.000 GHz | 27.000 GHz | 1.000 MHz | 19.73165 GHz | -35.47 dBm | -10.47 dB |

Date: 19.SEP.2020 07:21:34

### Highest Channel / 16QAM



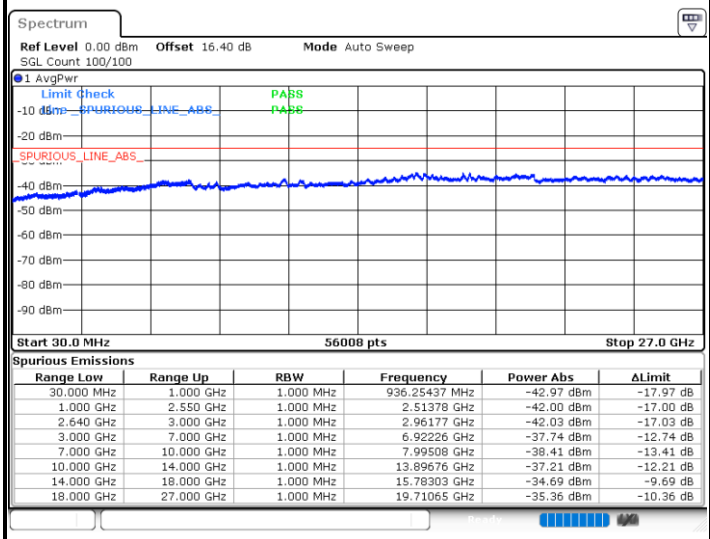

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 869.84258 MHz | -42.82 dBm | -17.82 dB |
| 1.000 GHz | 2.550 GHz | 1.000 MHz | 2.51920 GHz | -41.86 dBm | -16.86 dB |
| 2.640 GHz | 3.000 GHz | 1.000 MHz | 2.96663 GHz | -41.91 dBm | -16.91 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.89876 GHz | -37.86 dBm | -12.86 dB |
| 7.000 GHz | 10.000 GHz | 1.000 MHz | 7.83161 GHz | -38.33 dBm | -13.33 dB |
| 10.000 GHz | 14.000 GHz | 1.000 MHz | 13.95926 GHz | -37.26 dBm | -12.26 dB |
| 14.000 GHz | 18.000 GHz | 1.000 MHz | 15.78503 GHz | -34.78 dBm | -9.78 dB |
| 18.000 GHz | 27.000 GHz | 1.000 MHz | 19.74015 GHz | -35.52 dBm | -10.52 dB |

Date: 19.SEP.2020 07:22:35

## LTE Band 38 / 15MHz

### Lowest Channel / QPSK

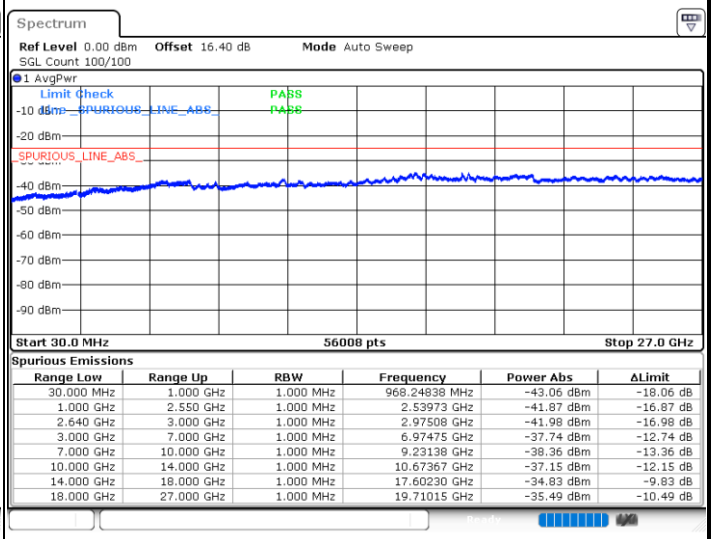



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 936.25437 MHz | -42.97 dBm | -17.97 dB |
| 1.000 GHz | 2.550 GHz | 1.000 MHz | 2.51378 GHz | -42.00 dBm | -17.00 dB |
| 2.640 GHz | 3.000 GHz | 1.000 MHz | 2.96177 GHz | -42.03 dBm | -17.03 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.92226 GHz | -37.74 dBm | -12.74 dB |
| 7.000 GHz | 10.000 GHz | 1.000 MHz | 7.99508 GHz | -38.41 dBm | -13.41 dB |
| 10.000 GHz | 14.000 GHz | 1.000 MHz | 13.89676 GHz | -37.21 dBm | -12.21 dB |
| 14.000 GHz | 18.000 GHz | 1.000 MHz | 15.78303 GHz | -34.69 dBm | -9.69 dB |
| 18.000 GHz | 27.000 GHz | 1.000 MHz | 19.71065 GHz | -35.36 dBm | -10.36 dB |

Date: 19.SEP.2020 07:23:36

### Lowest Channel / 16QAM

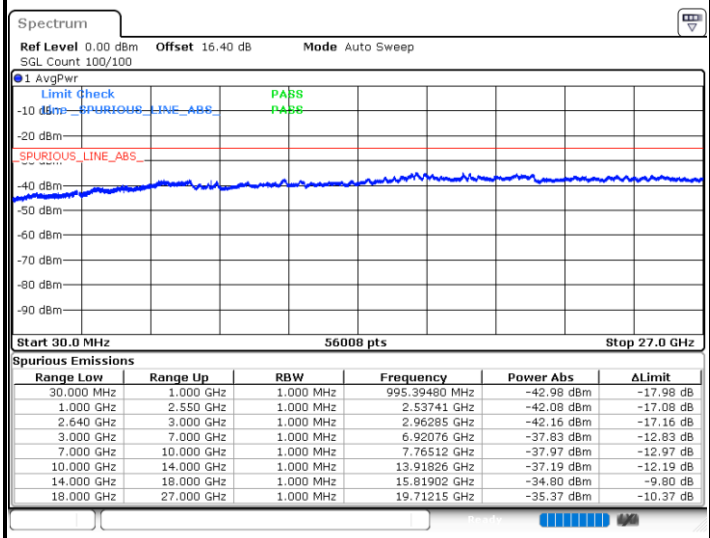



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 968.24838 MHz | -43.06 dBm | -18.06 dB |
| 1.000 GHz | 2.550 GHz | 1.000 MHz | 2.53973 GHz | -41.87 dBm | -16.87 dB |
| 2.640 GHz | 3.000 GHz | 1.000 MHz | 2.97508 GHz | -41.98 dBm | -16.98 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.97475 GHz | -37.74 dBm | -12.74 dB |
| 7.000 GHz | 10.000 GHz | 1.000 MHz | 9.23138 GHz | -38.36 dBm | -13.36 dB |
| 10.000 GHz | 14.000 GHz | 1.000 MHz | 10.67367 GHz | -37.15 dBm | -12.15 dB |
| 14.000 GHz | 18.000 GHz | 1.000 MHz | 17.60230 GHz | -34.83 dBm | -9.83 dB |
| 18.000 GHz | 27.000 GHz | 1.000 MHz | 19.71015 GHz | -35.49 dBm | -10.49 dB |

Date: 19.SEP.2020 07:33:45

### Middle Channel / QPSK

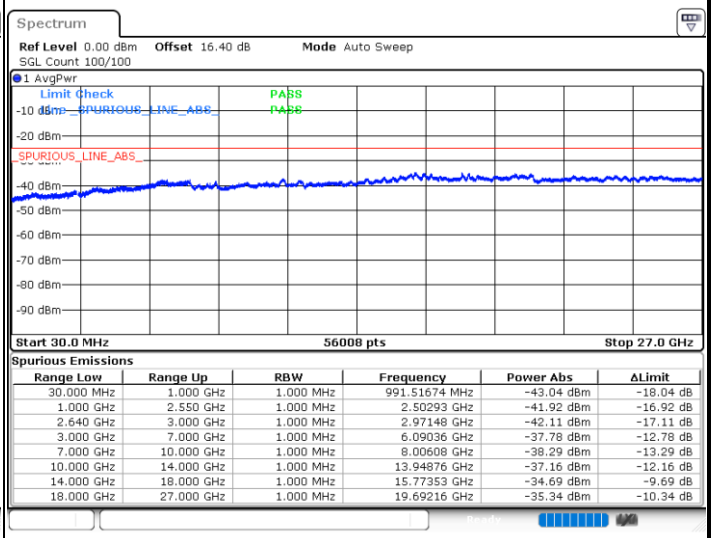



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 995.39480 MHz | -42.98 dBm | -17.98 dB |
| 1.000 GHz | 2.550 GHz | 1.000 MHz | 2.53741 GHz | -42.08 dBm | -17.08 dB |
| 2.640 GHz | 3.000 GHz | 1.000 MHz | 2.96285 GHz | -42.16 dBm | -17.16 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.92076 GHz | -37.83 dBm | -12.83 dB |
| 7.000 GHz | 10.000 GHz | 1.000 MHz | 7.76512 GHz | -37.97 dBm | -12.97 dB |
| 10.000 GHz | 14.000 GHz | 1.000 MHz | 13.91826 GHz | -37.19 dBm | -12.19 dB |
| 14.000 GHz | 18.000 GHz | 1.000 MHz | 15.81902 GHz | -34.80 dBm | -9.80 dB |
| 18.000 GHz | 27.000 GHz | 1.000 MHz | 19.71215 GHz | -35.37 dBm | -10.37 dB |

Date: 19.SEP.2020 07:34:45

### Middle Channel / 16QAM



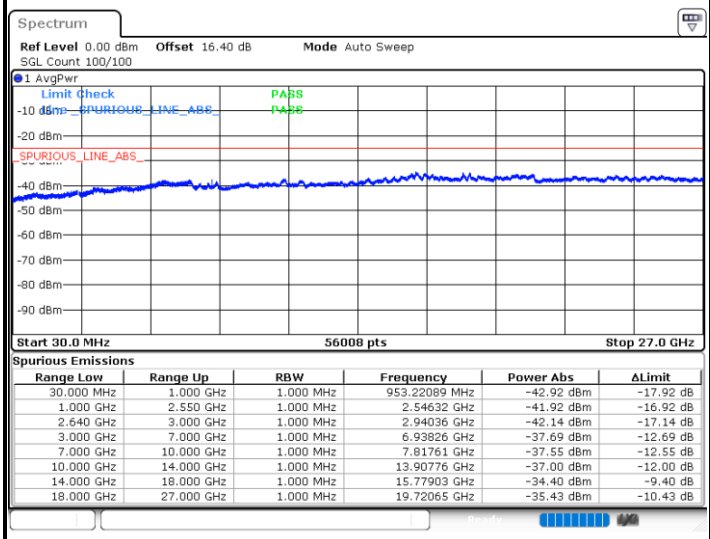

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 991.51674 MHz | -43.04 dBm | -18.04 dB |
| 1.000 GHz | 2.550 GHz | 1.000 MHz | 2.50293 GHz | -41.92 dBm | -16.92 dB |
| 2.640 GHz | 3.000 GHz | 1.000 MHz | 2.97148 GHz | -42.11 dBm | -17.11 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.09036 GHz | -37.78 dBm | -12.78 dB |
| 7.000 GHz | 10.000 GHz | 1.000 MHz | 8.00608 GHz | -38.29 dBm | -13.29 dB |
| 10.000 GHz | 14.000 GHz | 1.000 MHz | 13.94876 GHz | -37.16 dBm | -12.16 dB |
| 14.000 GHz | 18.000 GHz | 1.000 MHz | 15.77353 GHz | -34.69 dBm | -9.69 dB |
| 18.000 GHz | 27.000 GHz | 1.000 MHz | 19.69216 GHz | -35.34 dBm | -10.34 dB |

Date: 19.SEP.2020 07:35:45

## LTE Band 38 / 15MHz

### Highest Channel / QPSK

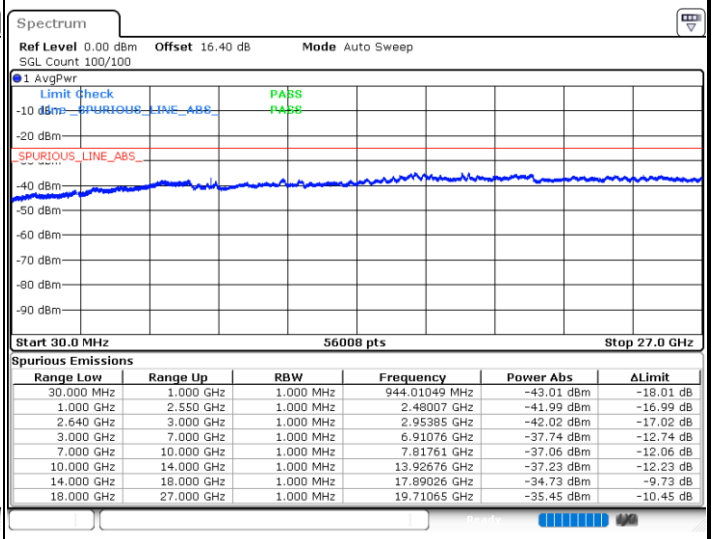



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 953.22089 MHz | -42.92 dBm | -17.92 dB |
| 1.000 GHz | 2.550 GHz | 1.000 MHz | 2.54632 GHz | -41.92 dBm | -16.92 dB |
| 2.640 GHz | 3.000 GHz | 1.000 MHz | 2.94036 GHz | -42.14 dBm | -17.14 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.93826 GHz | -37.69 dBm | -12.69 dB |
| 7.000 GHz | 10.000 GHz | 1.000 MHz | 7.81761 GHz | -37.55 dBm | -12.55 dB |
| 10.000 GHz | 14.000 GHz | 1.000 MHz | 13.90776 GHz | -37.00 dBm | -12.00 dB |
| 14.000 GHz | 18.000 GHz | 1.000 MHz | 15.77903 GHz | -34.40 dBm | -9.40 dB |
| 18.000 GHz | 27.000 GHz | 1.000 MHz | 19.72065 GHz | -35.43 dBm | -10.43 dB |

Date: 19.SEP.2020 07:37:15

### Highest Channel / 16QAM



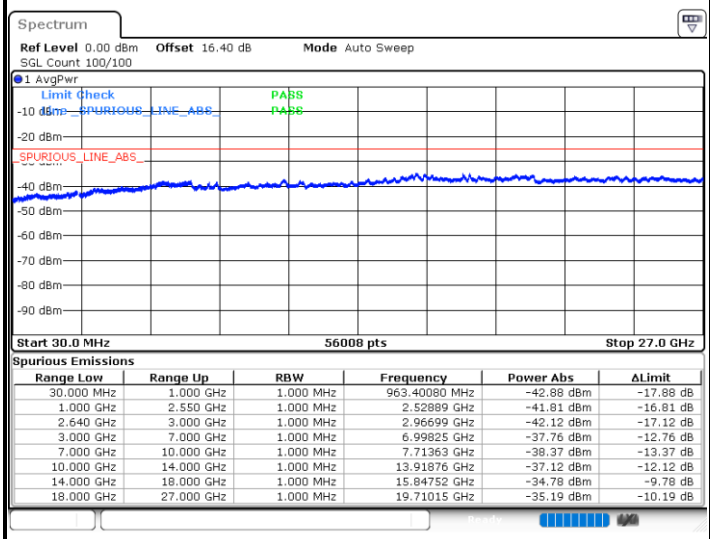

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 944.01049 MHz | -43.01 dBm | -18.01 dB |
| 1.000 GHz | 2.550 GHz | 1.000 MHz | 2.48007 GHz | -41.99 dBm | -16.99 dB |
| 2.640 GHz | 3.000 GHz | 1.000 MHz | 2.95385 GHz | -42.02 dBm | -17.02 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.91076 GHz | -37.74 dBm | -12.74 dB |
| 7.000 GHz | 10.000 GHz | 1.000 MHz | 7.81761 GHz | -37.06 dBm | -12.06 dB |
| 10.000 GHz | 14.000 GHz | 1.000 MHz | 13.92676 GHz | -37.23 dBm | -12.23 dB |
| 14.000 GHz | 18.000 GHz | 1.000 MHz | 17.89026 GHz | -34.73 dBm | -9.73 dB |
| 18.000 GHz | 27.000 GHz | 1.000 MHz | 19.71065 GHz | -35.45 dBm | -10.45 dB |

Date: 19.SEP.2020 07:38:16

## LTE Band 38 / 20MHz

### Lowest Channel / QPSK

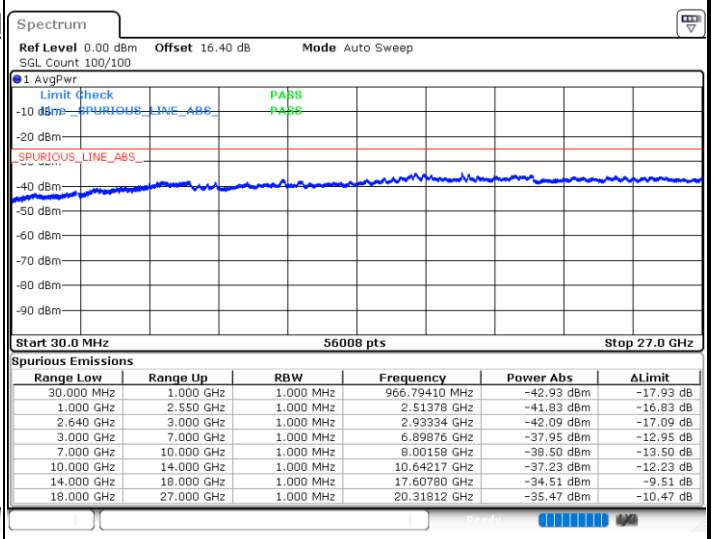



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 963.40080 MHz | -42.88 dBm | -17.88 dB |
| 1.000 GHz | 2.550 GHz | 1.000 MHz | 2.52889 GHz | -41.81 dBm | -16.81 dB |
| 2.640 GHz | 3.000 GHz | 1.000 MHz | 2.96699 GHz | -42.12 dBm | -17.12 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.99825 GHz | -37.76 dBm | -12.76 dB |
| 7.000 GHz | 10.000 GHz | 1.000 MHz | 7.71363 GHz | -38.37 dBm | -13.37 dB |
| 10.000 GHz | 14.000 GHz | 1.000 MHz | 13.91876 GHz | -37.12 dBm | -12.12 dB |
| 14.000 GHz | 18.000 GHz | 1.000 MHz | 15.84752 GHz | -34.78 dBm | -9.78 dB |
| 18.000 GHz | 27.000 GHz | 1.000 MHz | 19.71015 GHz | -35.19 dBm | -10.19 dB |

Date: 19.SEP.2020 07:39:17

### Lowest Channel / 16QAM



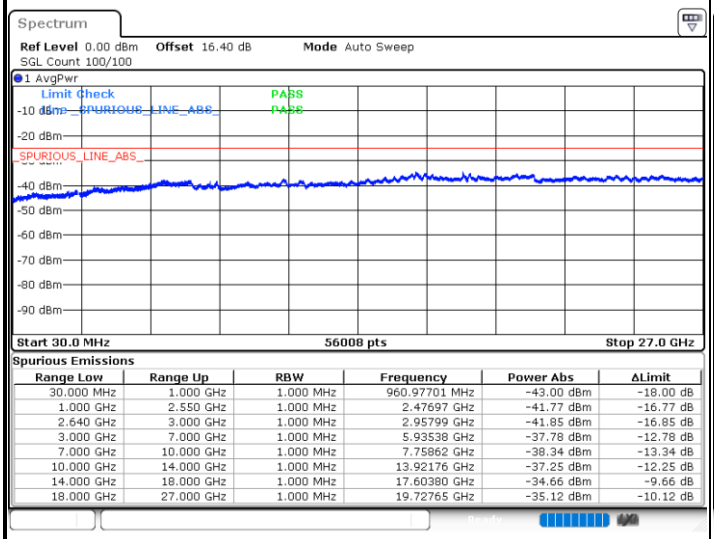

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 966.79410 MHz | -42.93 dBm | -17.93 dB |
| 1.000 GHz | 2.550 GHz | 1.000 MHz | 2.51378 GHz | -41.83 dBm | -16.83 dB |
| 2.640 GHz | 3.000 GHz | 1.000 MHz | 2.93334 GHz | -42.09 dBm | -17.09 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.89876 GHz | -37.95 dBm | -12.95 dB |
| 7.000 GHz | 10.000 GHz | 1.000 MHz | 8.00158 GHz | -38.50 dBm | -13.50 dB |
| 10.000 GHz | 14.000 GHz | 1.000 MHz | 10.64217 GHz | -37.23 dBm | -12.23 dB |
| 14.000 GHz | 18.000 GHz | 1.000 MHz | 17.60780 GHz | -34.51 dBm | -9.51 dB |
| 18.000 GHz | 27.000 GHz | 1.000 MHz | 20.31812 GHz | -35.47 dBm | -10.47 dB |

Date: 19.SEP.2020 07:40:17

## LTE Band 38 / 20MHz

### Middle Channel / QPSK

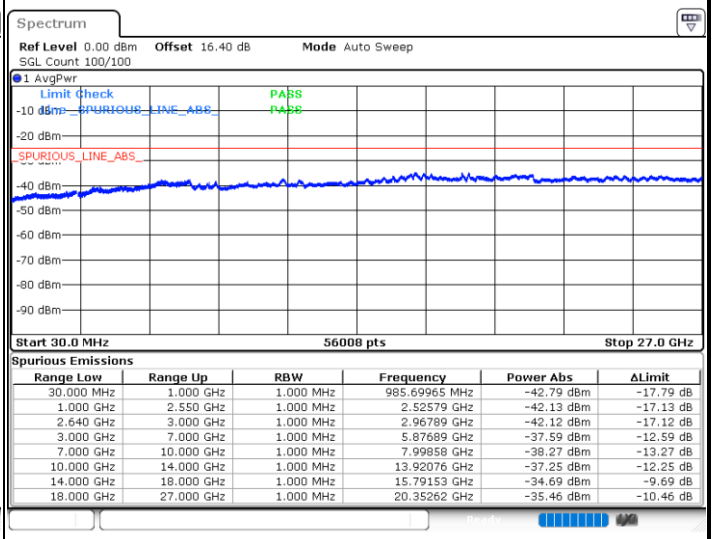



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 960.97701 MHz | -43.00 dBm | -18.00 dB |
| 1.000 GHz | 2.550 GHz | 1.000 MHz | 2.47697 GHz | -41.77 dBm | -16.77 dB |
| 2.640 GHz | 3.000 GHz | 1.000 MHz | 2.95799 GHz | -41.85 dBm | -16.85 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 5.93538 GHz | -37.78 dBm | -12.78 dB |
| 7.000 GHz | 10.000 GHz | 1.000 MHz | 7.75862 GHz | -38.34 dBm | -13.34 dB |
| 10.000 GHz | 14.000 GHz | 1.000 MHz | 13.92176 GHz | -37.25 dBm | -12.25 dB |
| 14.000 GHz | 18.000 GHz | 1.000 MHz | 17.60380 GHz | -34.66 dBm | -9.66 dB |
| 18.000 GHz | 27.000 GHz | 1.000 MHz | 19.72765 GHz | -35.12 dBm | -10.12 dB |

Date: 19.SEP.2020 07:41:17

### Middle Channel / 16QAM

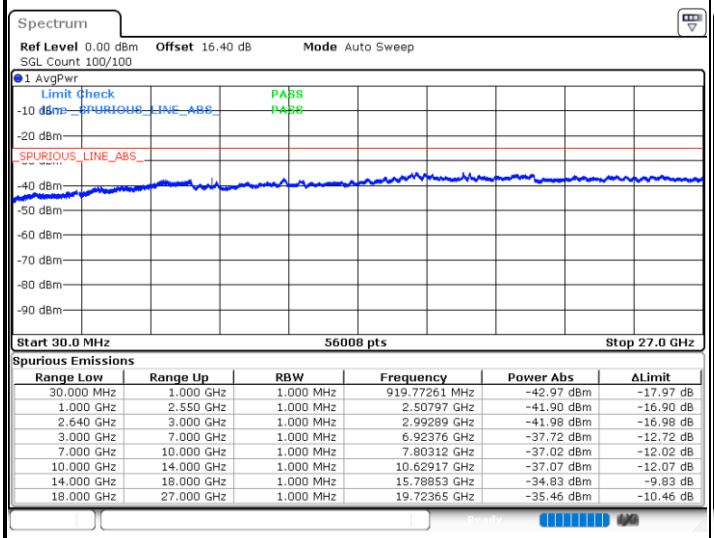



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 985.69965 MHz | -42.79 dBm | -17.79 dB |
| 1.000 GHz | 2.550 GHz | 1.000 MHz | 2.52579 GHz | -42.13 dBm | -17.13 dB |
| 2.640 GHz | 3.000 GHz | 1.000 MHz | 2.96789 GHz | -42.12 dBm | -17.12 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 5.87689 GHz | -37.59 dBm | -12.59 dB |
| 7.000 GHz | 10.000 GHz | 1.000 MHz | 7.99858 GHz | -38.27 dBm | -13.27 dB |
| 10.000 GHz | 14.000 GHz | 1.000 MHz | 13.92076 GHz | -37.25 dBm | -12.25 dB |
| 14.000 GHz | 18.000 GHz | 1.000 MHz | 15.79153 GHz | -34.69 dBm | -9.69 dB |
| 18.000 GHz | 27.000 GHz | 1.000 MHz | 20.35262 GHz | -35.46 dBm | -10.46 dB |

Date: 19.SEP.2020 07:42:16

### Highest Channel / QPSK

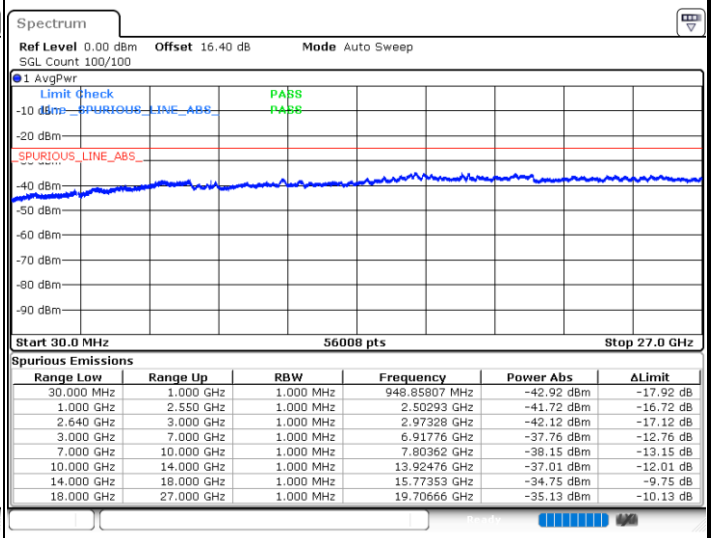



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 919.77261 MHz | -42.97 dBm | -17.97 dB |
| 1.000 GHz | 2.550 GHz | 1.000 MHz | 2.50797 GHz | -41.90 dBm | -16.90 dB |
| 2.640 GHz | 3.000 GHz | 1.000 MHz | 2.99289 GHz | -41.98 dBm | -16.98 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.92376 GHz | -37.72 dBm | -12.72 dB |
| 7.000 GHz | 10.000 GHz | 1.000 MHz | 7.80312 GHz | -37.02 dBm | -12.02 dB |
| 10.000 GHz | 14.000 GHz | 1.000 MHz | 10.62917 GHz | -37.07 dBm | -12.07 dB |
| 14.000 GHz | 18.000 GHz | 1.000 MHz | 15.78853 GHz | -34.83 dBm | -9.83 dB |
| 18.000 GHz | 27.000 GHz | 1.000 MHz | 19.72365 GHz | -35.46 dBm | -10.46 dB |

Date: 19.SEP.2020 07:43:16

### Highest Channel / 16QAM




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 948.85807 MHz | -42.92 dBm | -17.92 dB |
| 1.000 GHz | 2.550 GHz | 1.000 MHz | 2.50293 GHz | -41.72 dBm | -16.72 dB |
| 2.640 GHz | 3.000 GHz | 1.000 MHz | 2.97328 GHz | -42.12 dBm | -17.12 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.91776 GHz | -37.76 dBm | -12.76 dB |
| 7.000 GHz | 10.000 GHz | 1.000 MHz | 7.80362 GHz | -38.15 dBm | -13.15 dB |
| 10.000 GHz | 14.000 GHz | 1.000 MHz | 13.92476 GHz | -37.01 dBm | -12.01 dB |
| 14.000 GHz | 18.000 GHz | 1.000 MHz | 15.77353 GHz | -34.75 dBm | -9.75 dB |
| 18.000 GHz | 27.000 GHz | 1.000 MHz | 19.70666 GHz | -35.13 dBm | -10.13 dB |

Date: 19.SEP.2020 07:44:17

# Frequency Stability

| Test Conditions | | LTE Band 38 (QPSK) / Middle Channel | Limit |
|---|---|---|---|
| Temperature (°C) | Voltage (Volt) | BW 10MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0047 | PASS |
| 40 | Normal Voltage | 0.0023 | |
| 30 | Normal Voltage | 0.0007 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0047 | |
| 0 | Normal Voltage | 0.0001 | |
| -10 | Normal Voltage | 0.0013 | |
| -20 | Normal Voltage | 0.0020 | |
| -30 | Normal Voltage | 0.0005 | |
| 20 | Maximum Voltage | 0.0029 | |
| 20 | Normal Voltage | 0.0047 | |
| 20 | Battery End Point | 0.0025 | |

**Note:**

1. Normal Voltage =3.8 V.；Battery End Point (BEP) =3.4 V.；Maximum Voltage =4.2 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

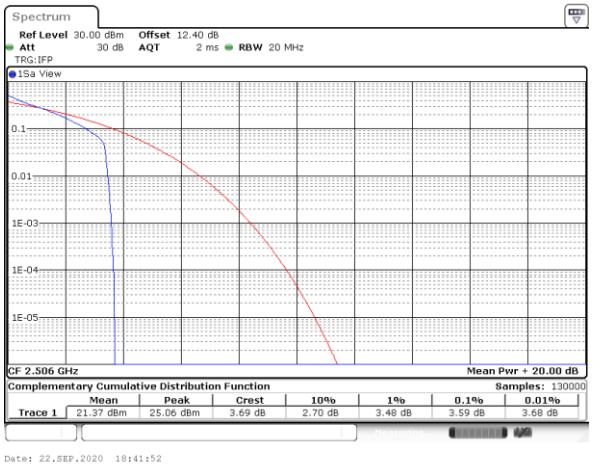
# LTE Band 41

## Peak-to-Average Ratio

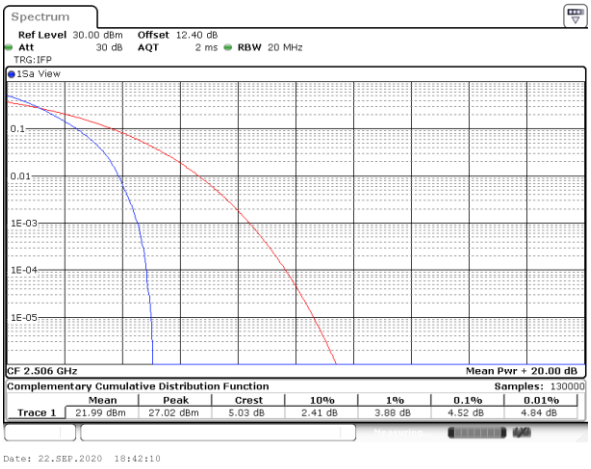
| Mode | LTE Band 41 / 20MHz | | | | |
|---|---|---|---|---|---|
| Mod. | QPSK | | 16QAM | | Limit: 13dB |
| RB Size | 1RB | Full RB | 1RB | Full RB | Result |
| Lowest CH | 3.59 | 4.52 | 5.10 | 5.86 | PASS |
| Middle CH | 3.68 | 4.55 | 5.22 | 5.88 | |
| Highest CH | 3.16 | 4.46 | 4.58 | 5.83 | |

## LTE Band 41 / 20MHz / QPSK

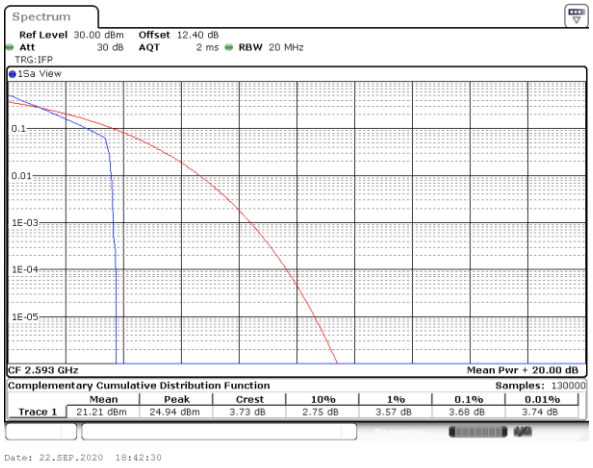
### Lowest Channel / 1RB



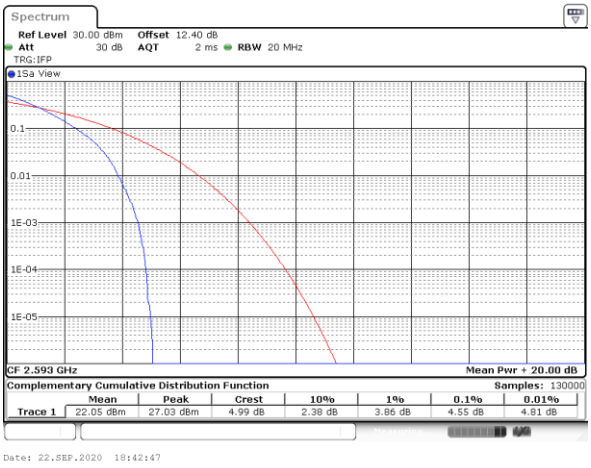

### Lowest Channel / Full RB



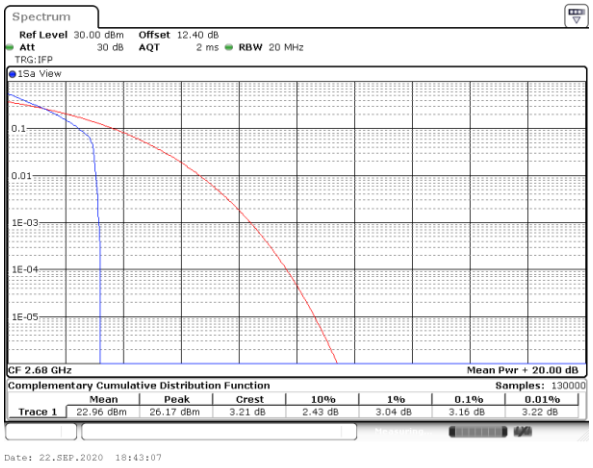

### Middle Channel / 1RB



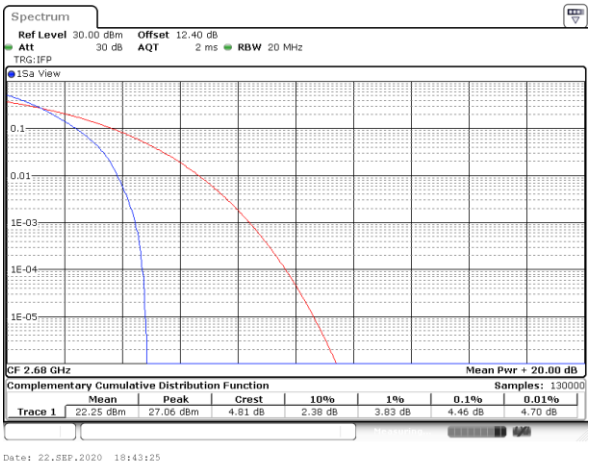

### Middle Channel / Full RB




### Highest Channel / 1RB

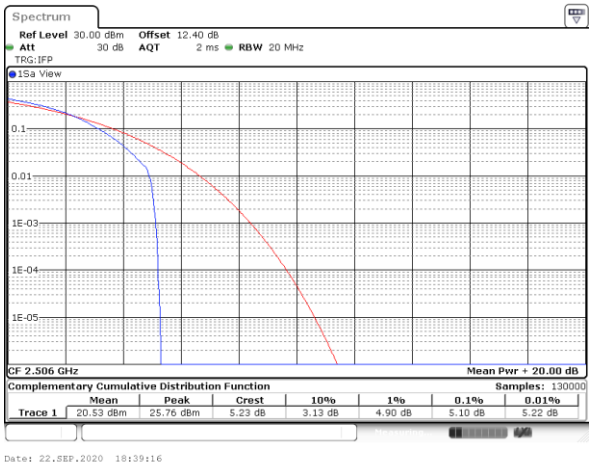



### Highest Channel / Full RB

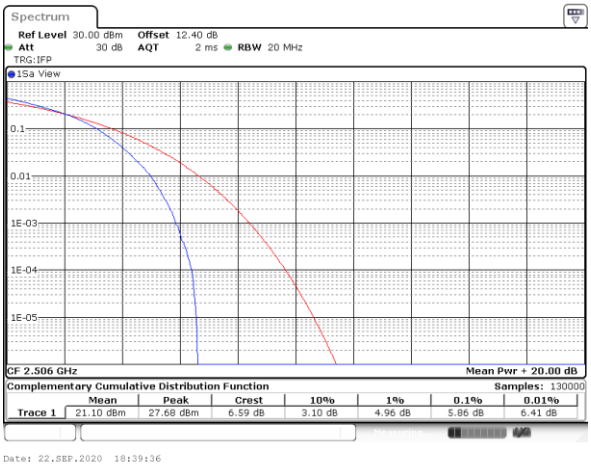


## LTE Band 41 / 20MHz / 16QAM

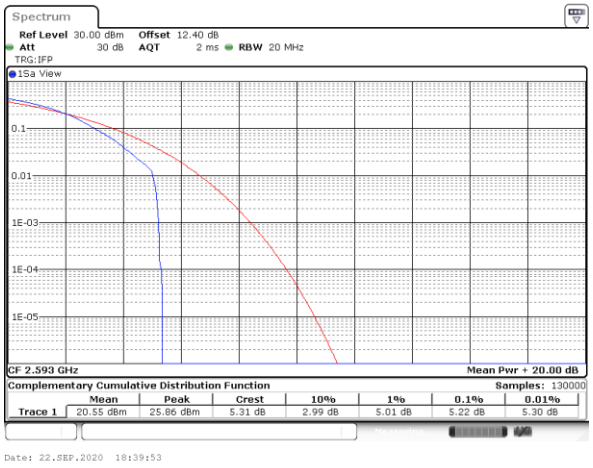
### Lowest Channel / 1RB



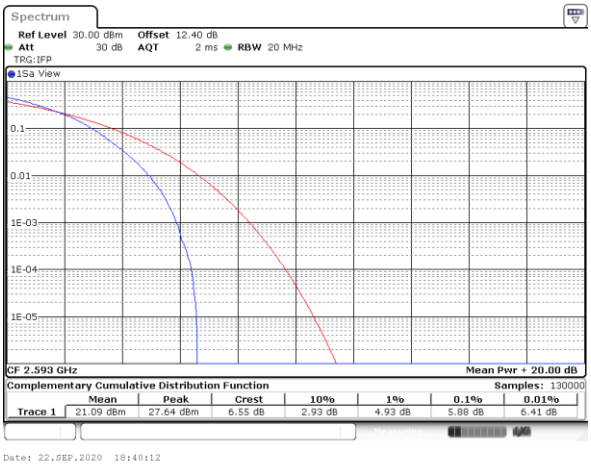

### Lowest Channel / Full RB



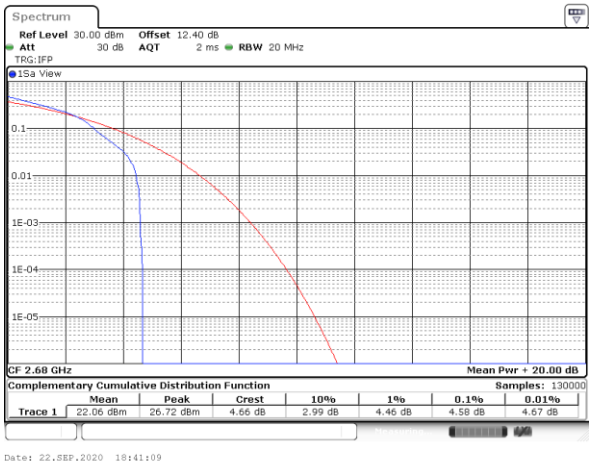

### Middle Channel / 1RB



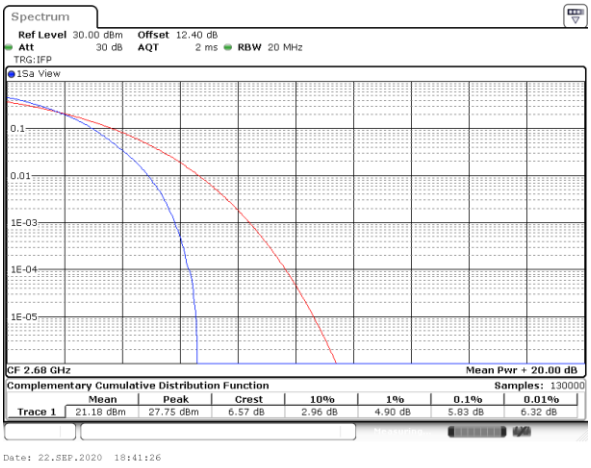

### Middle Channel / Full RB




### Highest Channel / 1RB




### Highest Channel / Full RB

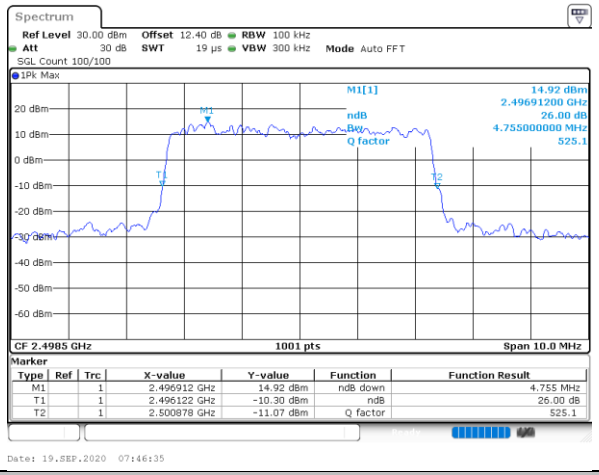


# 26dB Bandwidth

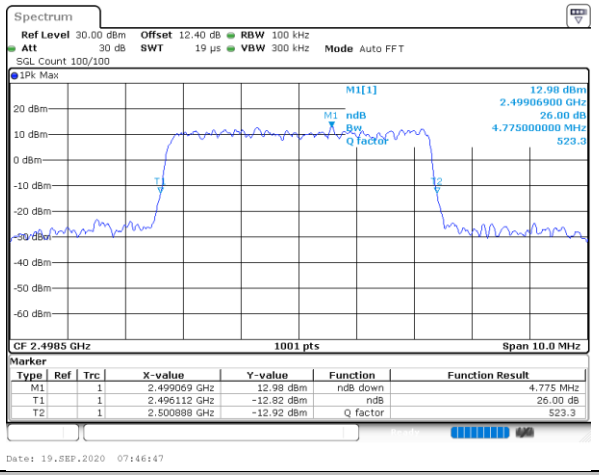
| Mode | LTE Band 41 : 26dB BW(MHz) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BW | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| Mod. | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM |
| Lowest CH | - | - | - | - | 4.76 | 4.78 | 9.59 | 9.65 | 14.18 | 14.18 | 18.62 | 18.78 |
| Middle CH | - | - | - | - | 4.93 | 4.79 | 9.67 | 9.75 | 14.45 | 14.39 | 18.90 | 18.78 |
| Highest CH | - | - | - | - | 4.84 | 4.83 | 9.69 | 9.73 | 14.18 | 14.42 | 18.66 | 18.66 |

## LTE Band 41

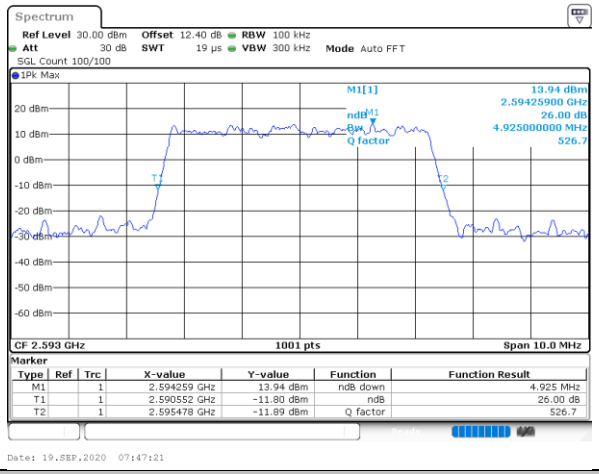
### Lowest Channel / 5MHz / QPSK



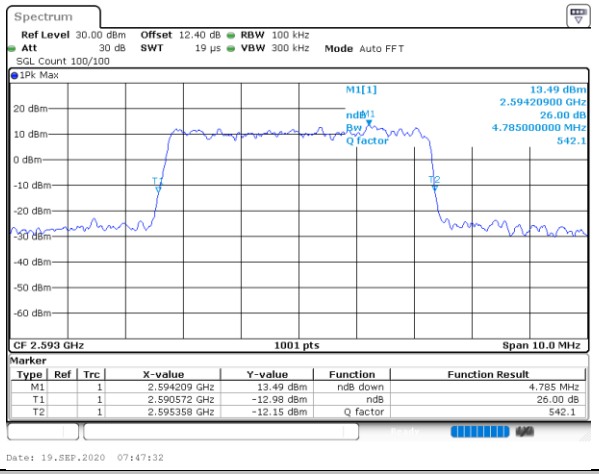

### Lowest Channel / 5MHz / 16QAM



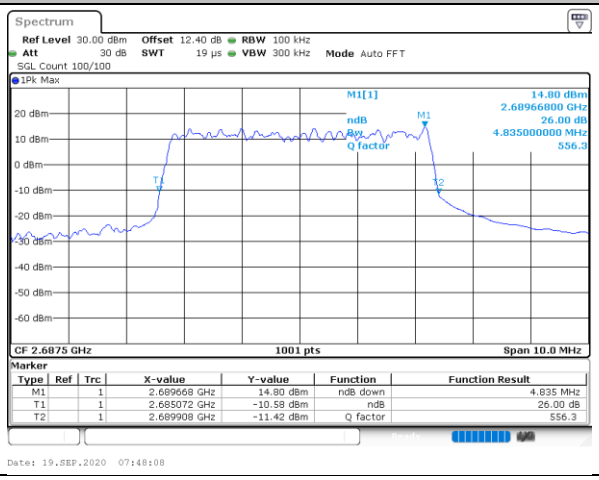

### Middle Channel / 5MHz / QPSK



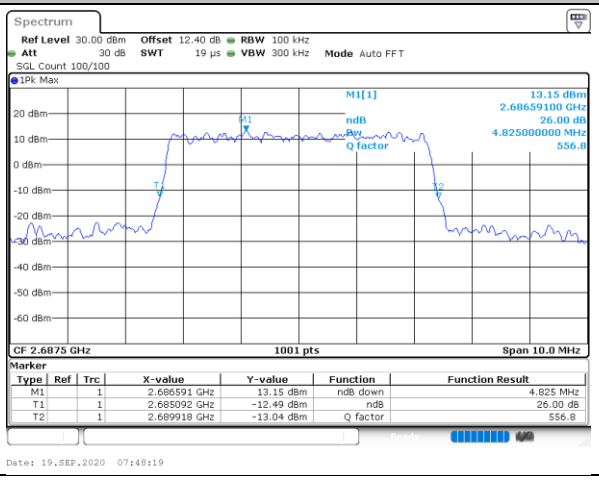

### Middle Channel / 5MHz / 16QAM




### Highest Channel / 5MHz / QPSK

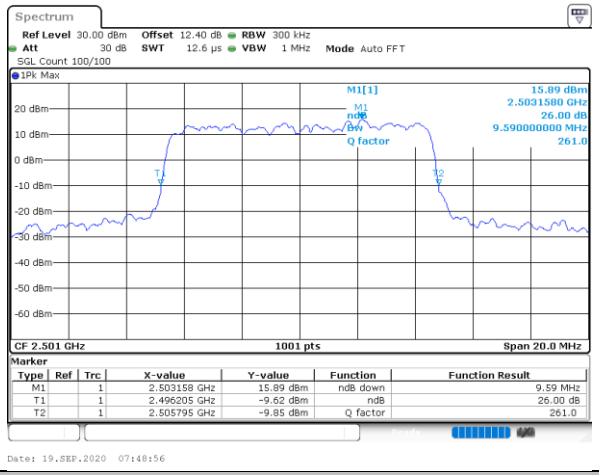



### Highest Channel / 5MHz / 16QAM

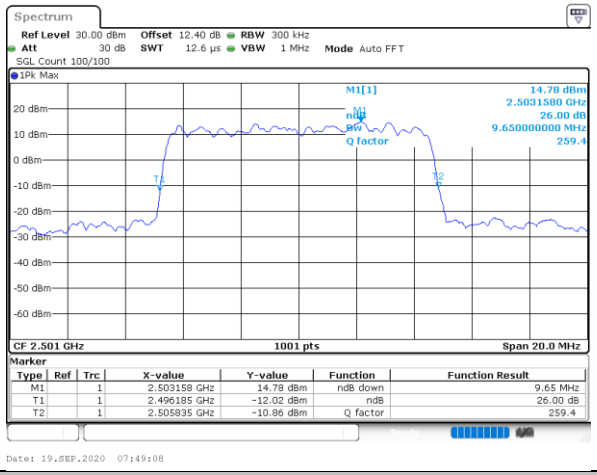


## LTE Band 41

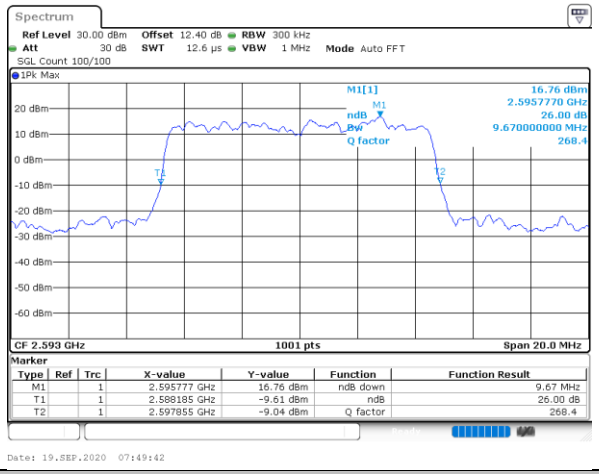
### Lowest Channel / 10MHz / QPSK



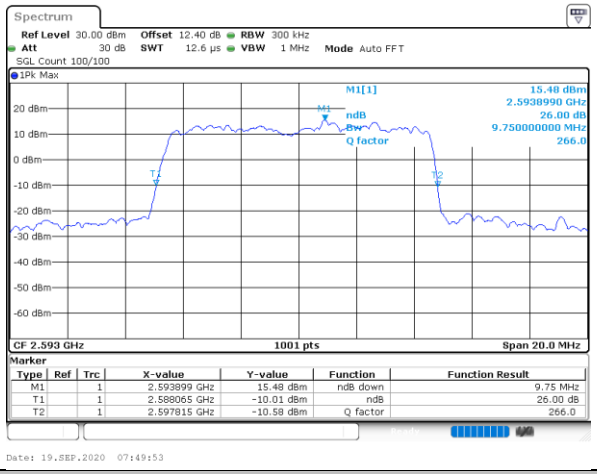

### Lowest Channel / 10MHz / 16QAM



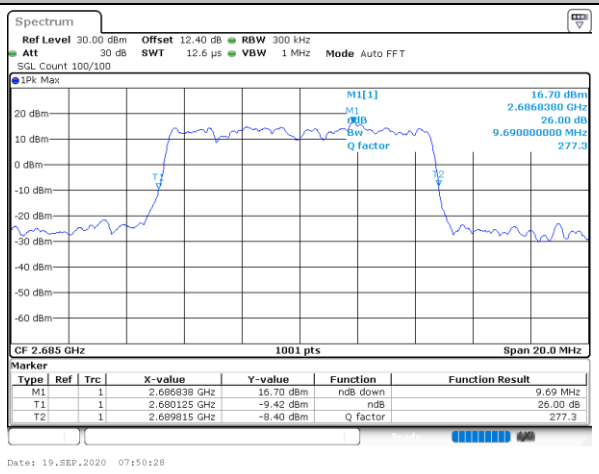

### Middle Channel / 10MHz / QPSK



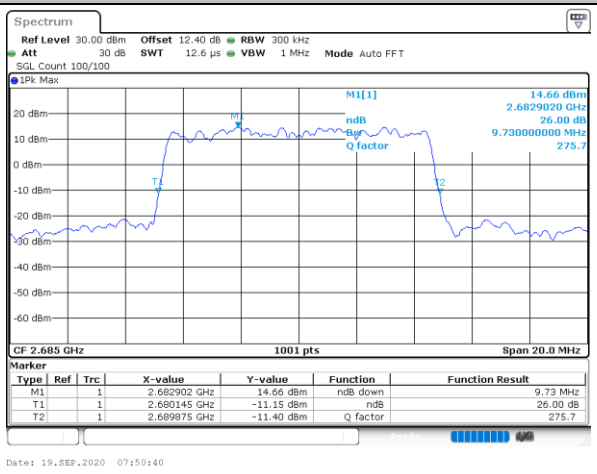

### Middle Channel / 10MHz / 16QAM




### Highest Channel / 10MHz / QPSK

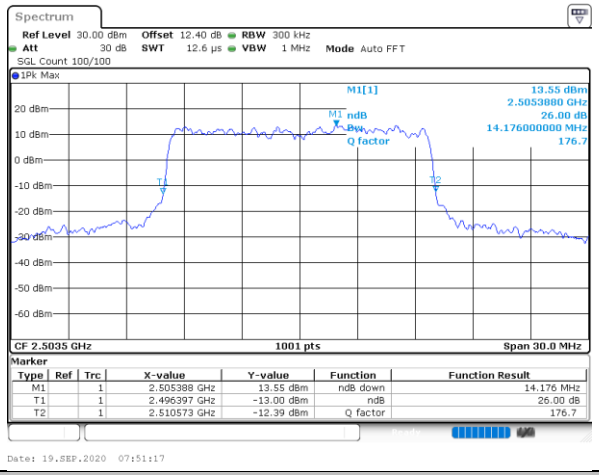



### Highest Channel / 10MHz / 16QAM

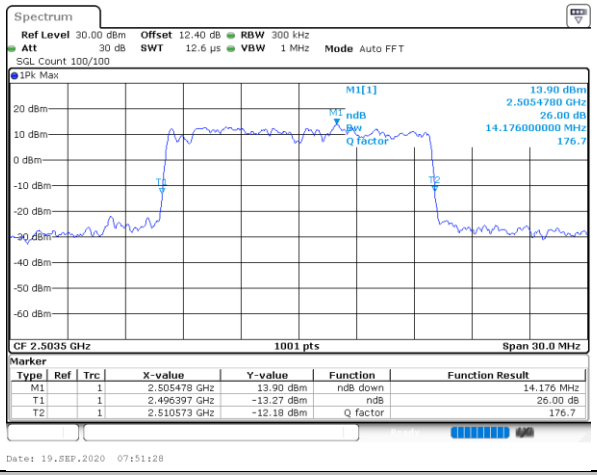


## LTE Band 41

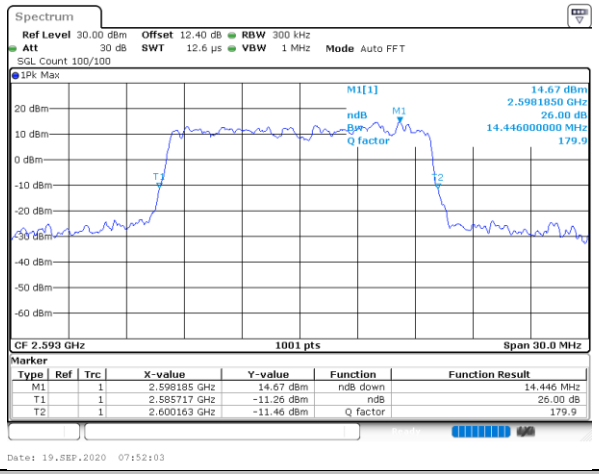
### Lowest Channel / 15MHz / QPSK



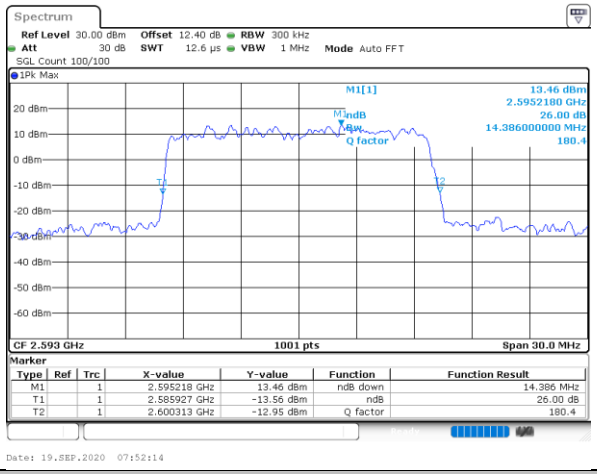

### Lowest Channel / 15MHz / 16QAM



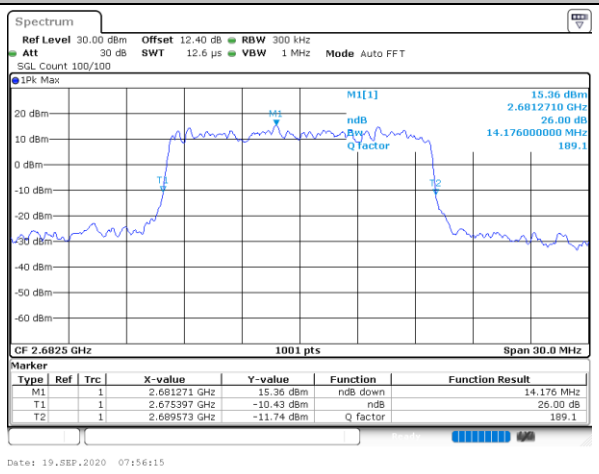

### Middle Channel / 15MHz / QPSK



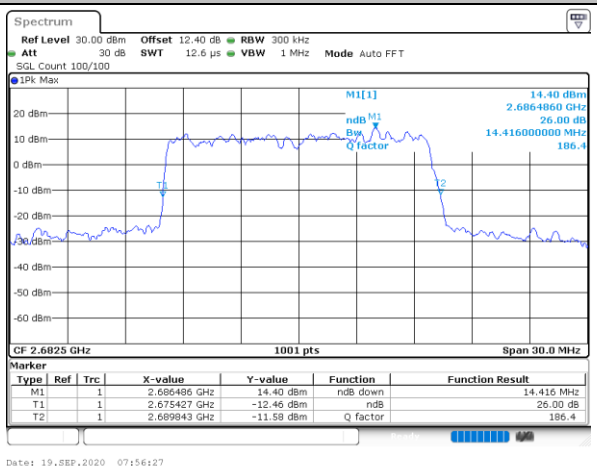

### Middle Channel / 15MHz / 16QAM




### Highest Channel / 15MHz / QPSK

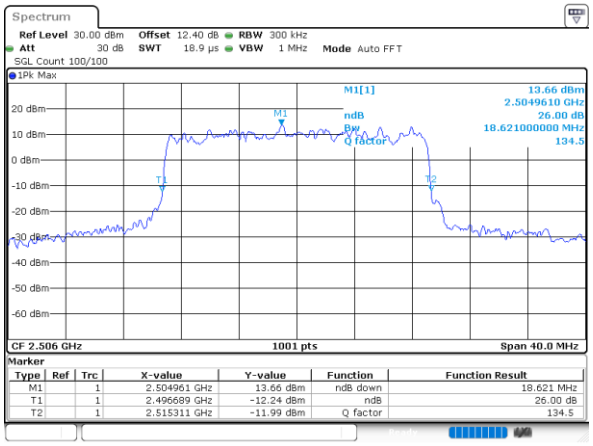



### Highest Channel / 15MHz / 16QAM

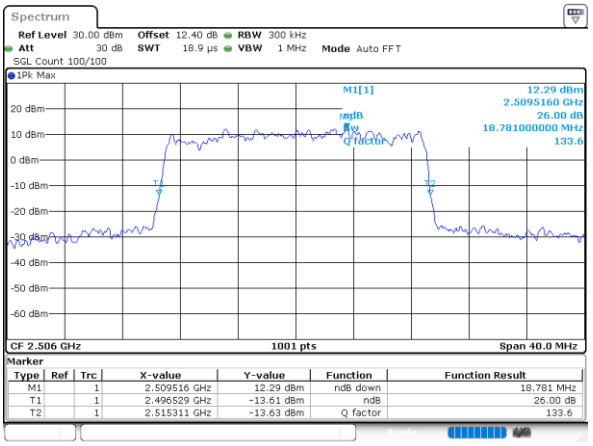


## LTE Band 41

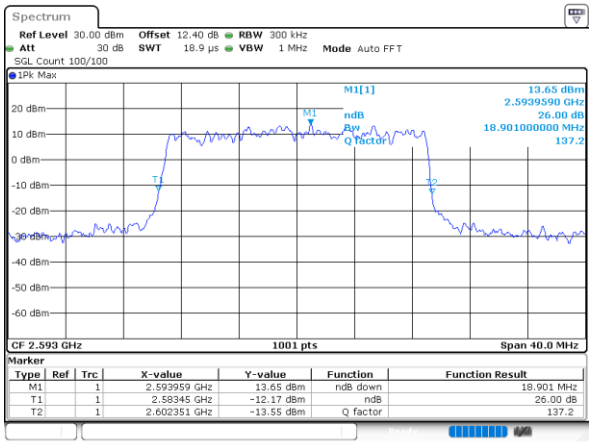
### Lowest Channel / 20MHz / QPSK



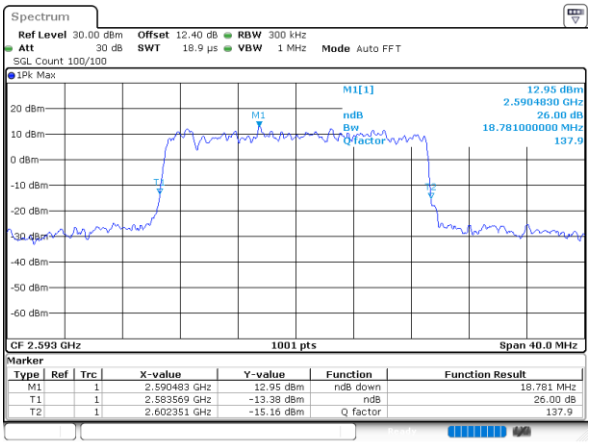

### Lowest Channel / 20MHz / 16QAM



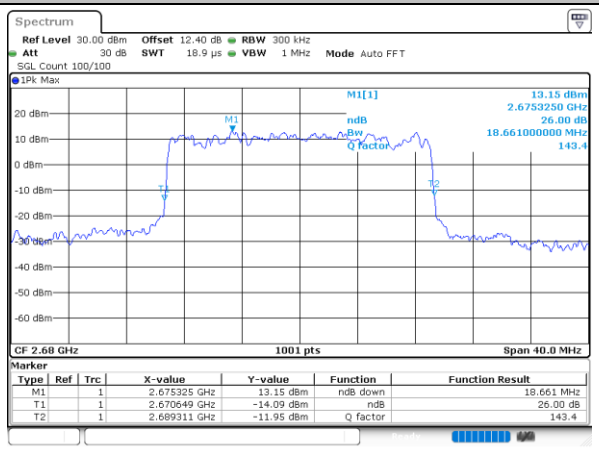

### Middle Channel / 20MHz / QPSK



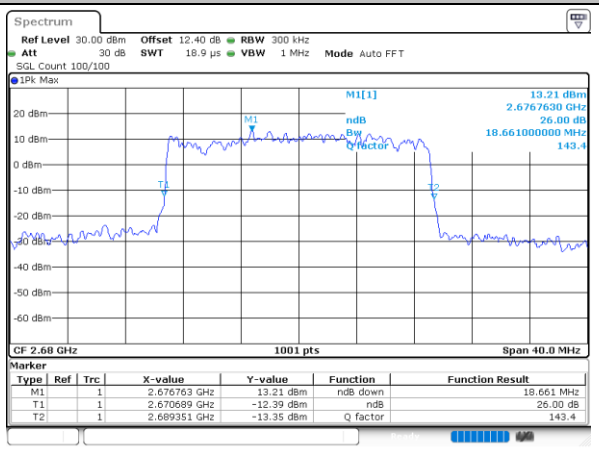

### Middle Channel / 20MHz / 16QAM




### Highest Channel / 20MHz / QPSK




### Highest Channel / 20MHz / 16QAM

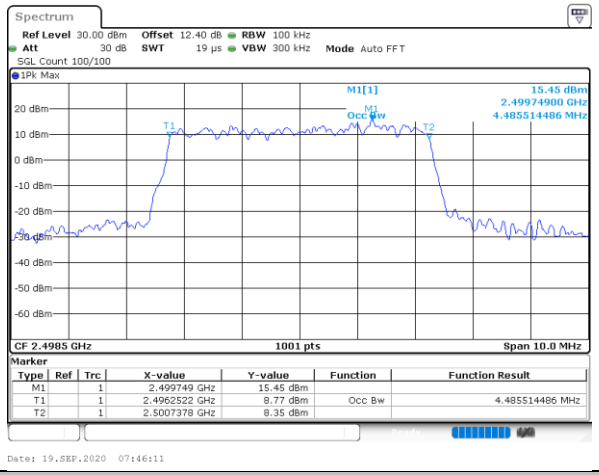


# Occupied Bandwidth

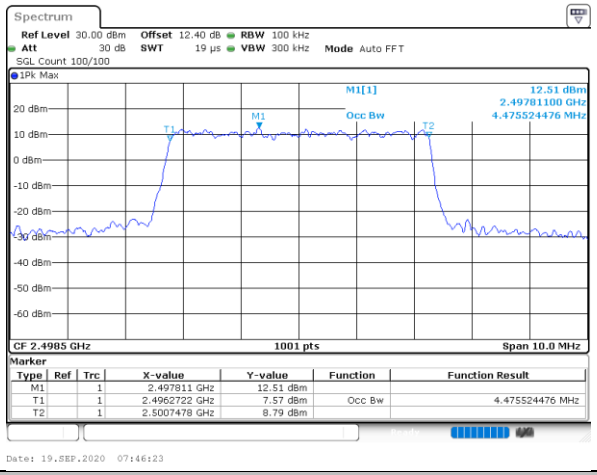
| Mode | LTE Band 41 : 99%OBW(MHz) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BW | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| Mod. | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM |
| Lowest CH | - | - | - | - | 4.49 | 4.48 | 9.03 | 9.01 | 13.43 | 13.43 | 17.90 | 17.82 |
| Middle CH | - | - | - | - | 4.49 | 4.49 | 8.99 | 8.95 | 13.34 | 13.52 | 17.94 | 17.90 |
| Highest CH | - | - | - | - | 4.51 | 4.49 | 9.01 | 9.07 | 13.43 | 13.40 | 17.74 | 17.74 |

## LTE Band 41

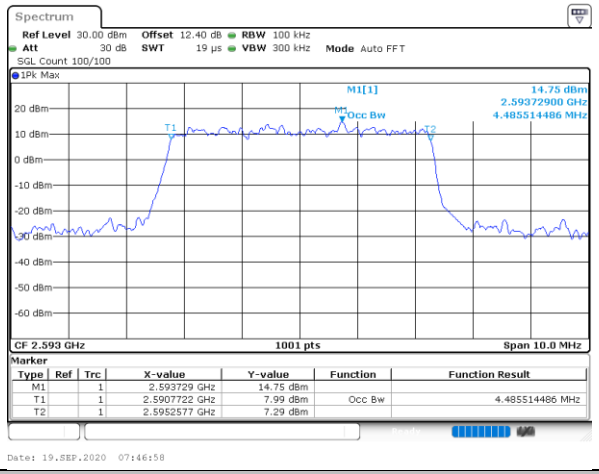
### Lowest Channel / 5MHz / QPSK



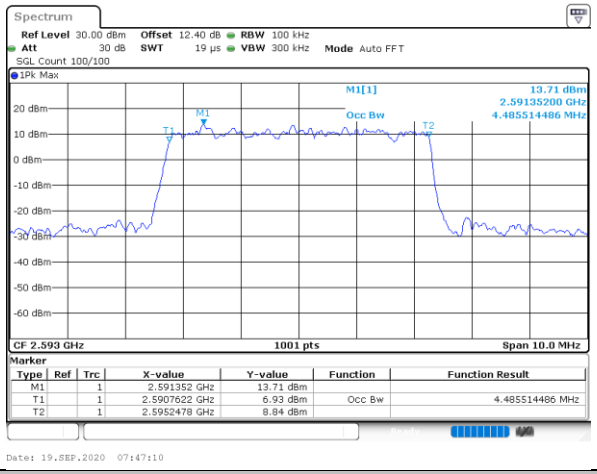

### Lowest Channel / 5MHz / 16QAM



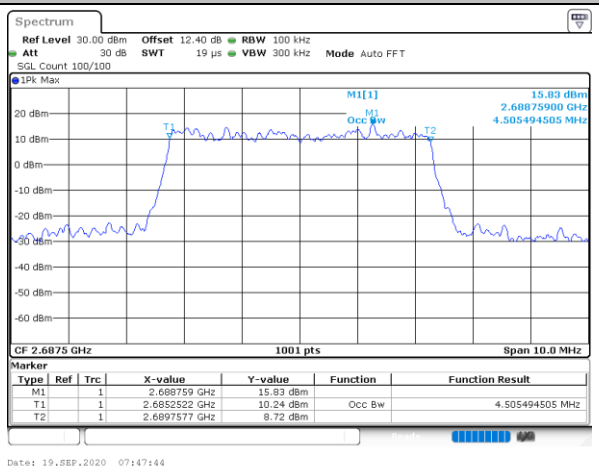

### Middle Channel / 5MHz / QPSK



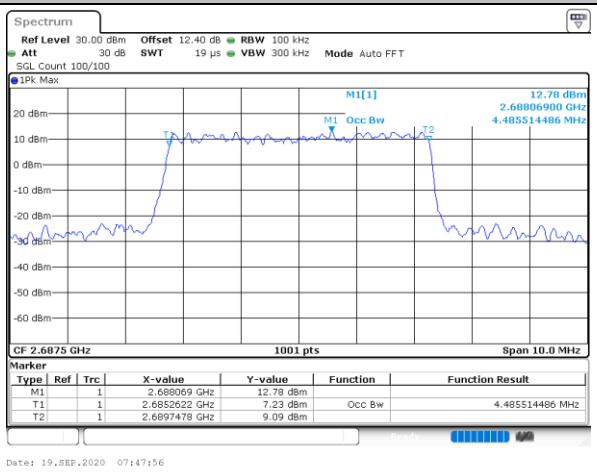

### Middle Channel / 5MHz / 16QAM




### Highest Channel / 5MHz / QPSK

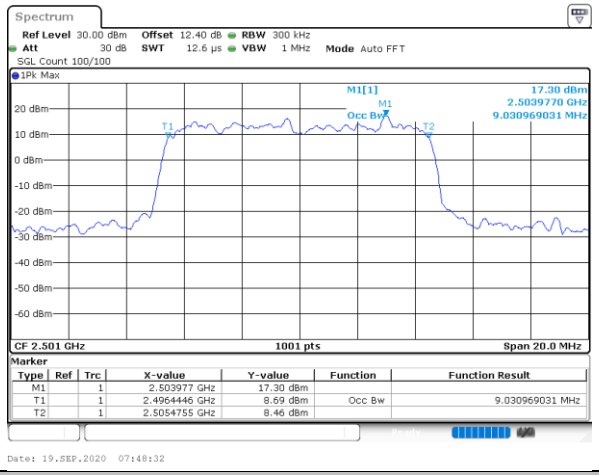



### Highest Channel / 5MHz / 16QAM

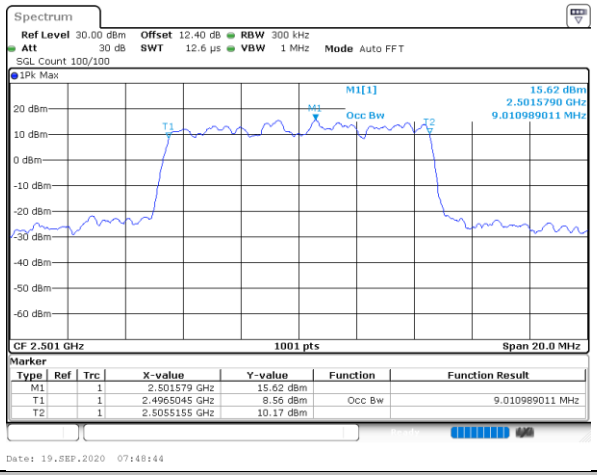


## LTE Band 41

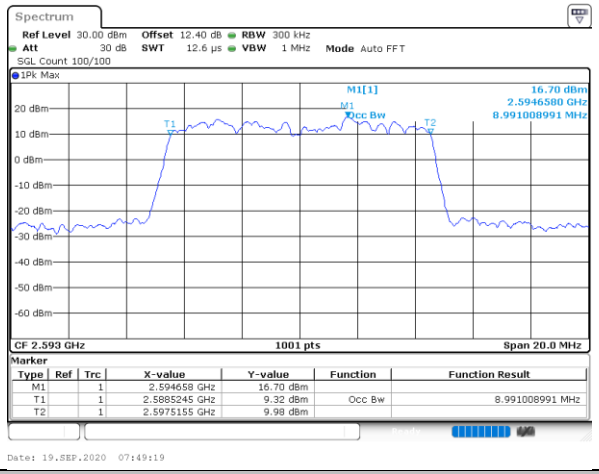
### Lowest Channel / 10MHz / QPSK



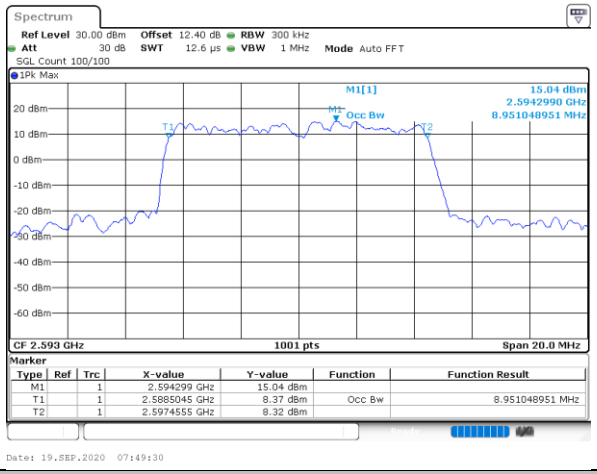

### Lowest Channel / 10MHz / 16QAM



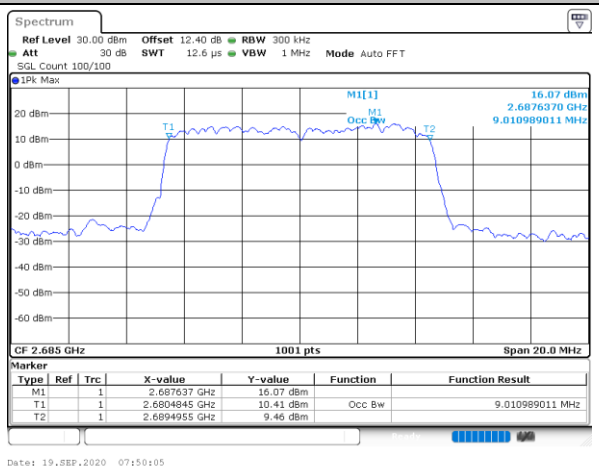

### Middle Channel / 10MHz / QPSK



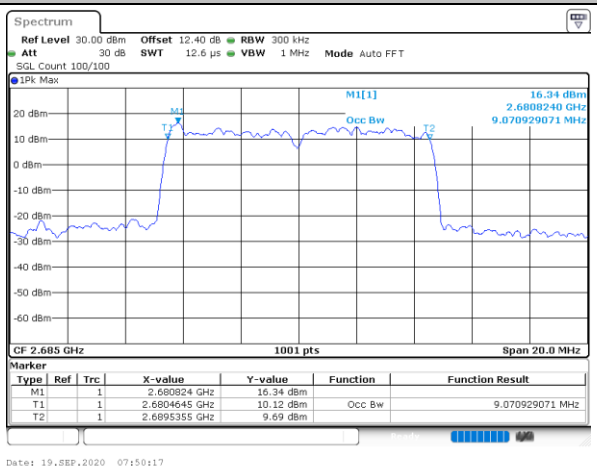

### Middle Channel / 10MHz / 16QAM




### Highest Channel / 10MHz / QPSK

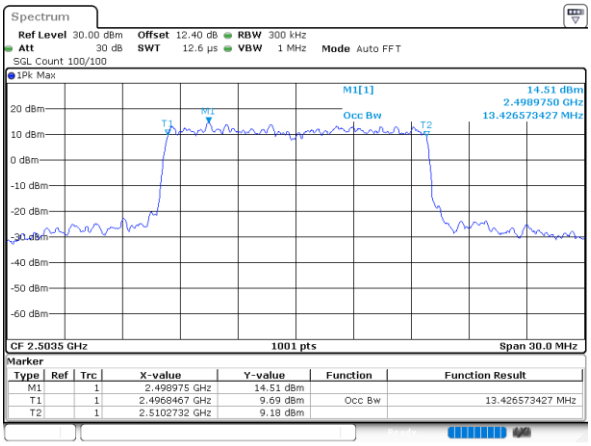



### Highest Channel / 10MHz / 16QAM

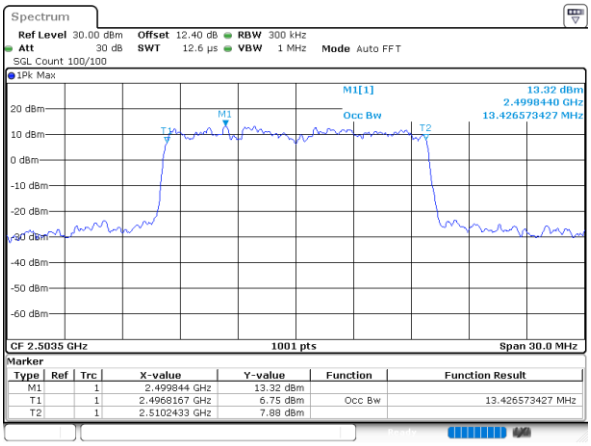


## LTE Band 41

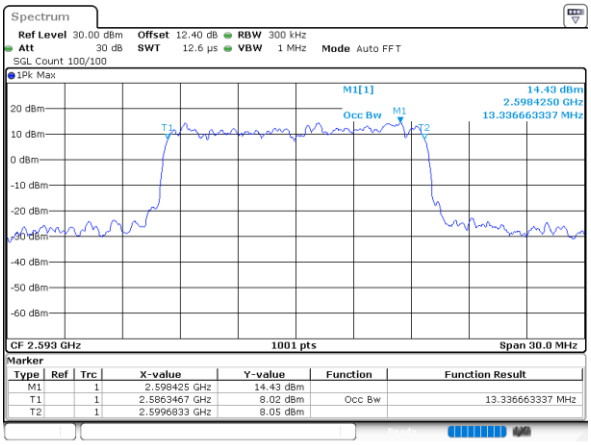
### Lowest Channel / 15MHz / QPSK



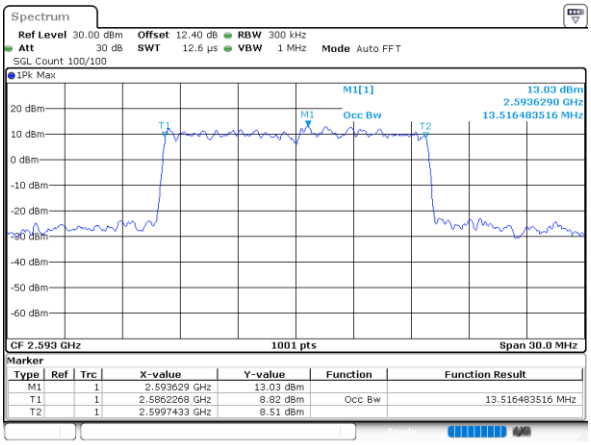

### Lowest Channel / 15MHz / 16QAM



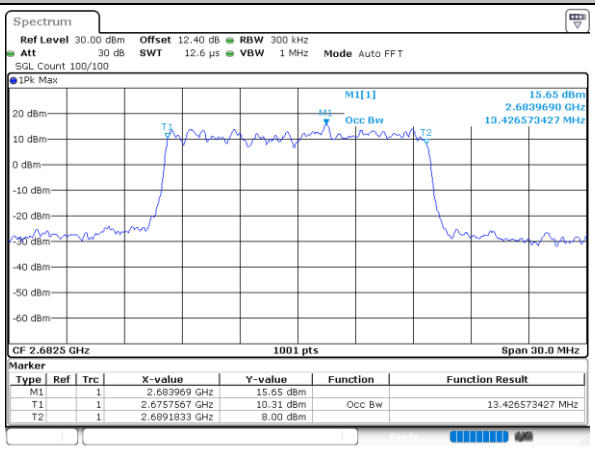

### Middle Channel / 15MHz / QPSK



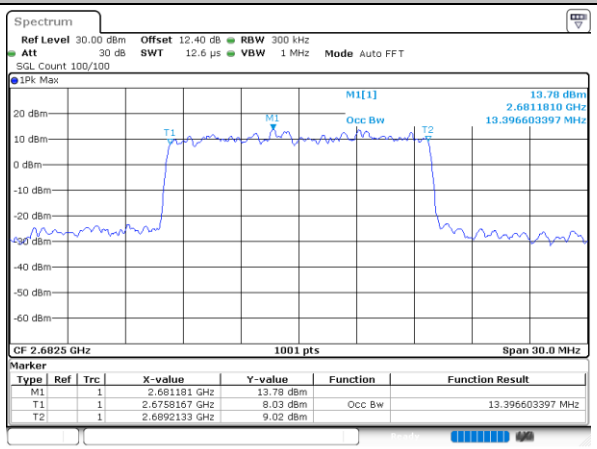

### Middle Channel / 15MHz / 16QAM




### Highest Channel / 15MHz / QPSK

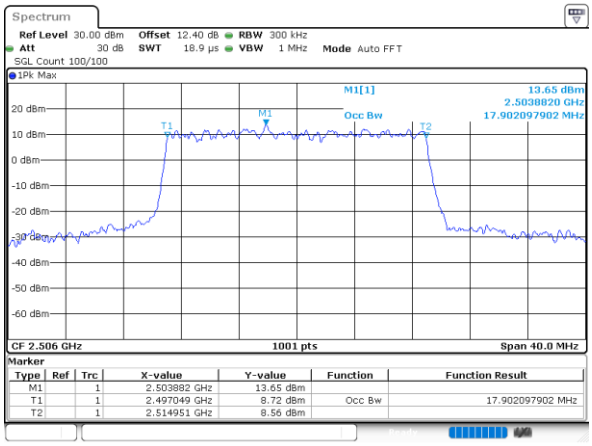



### Highest Channel / 15MHz / 16QAM

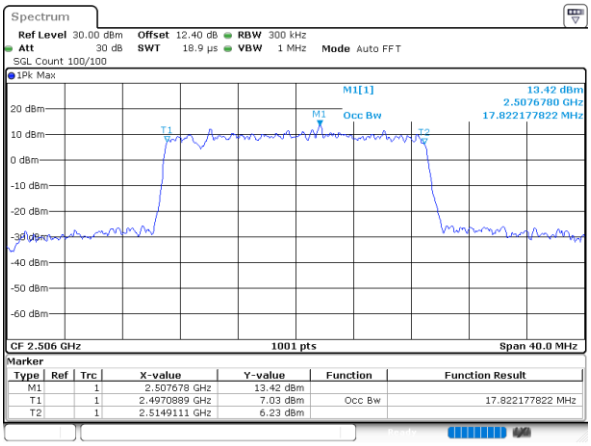


## LTE Band 41

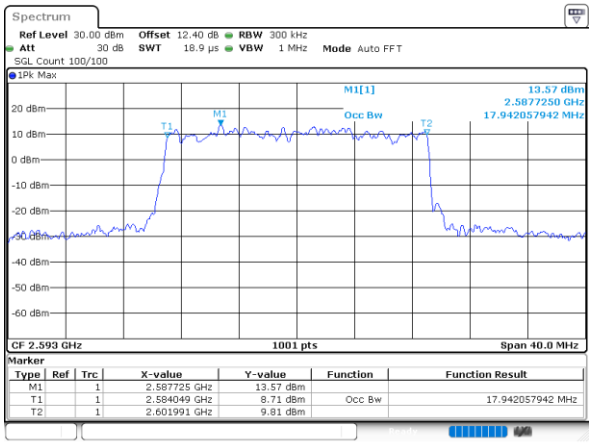
### Lowest Channel / 20MHz / QPSK



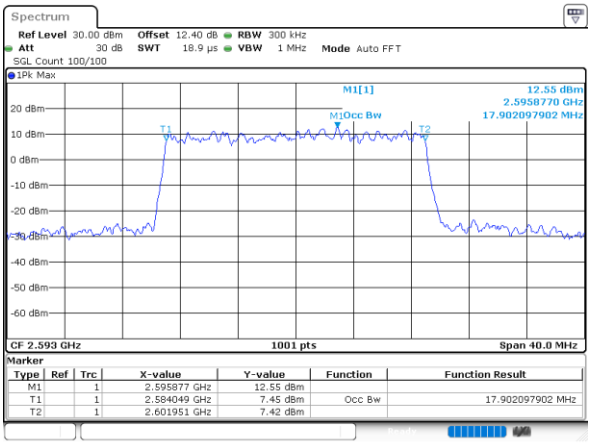

### Lowest Channel / 20MHz / 16QAM



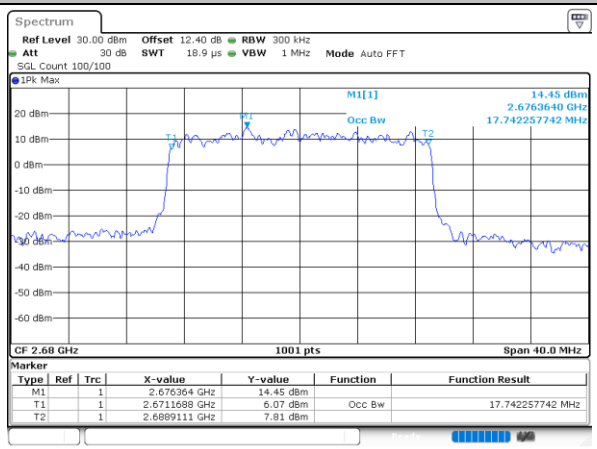

### Middle Channel / 20MHz / QPSK



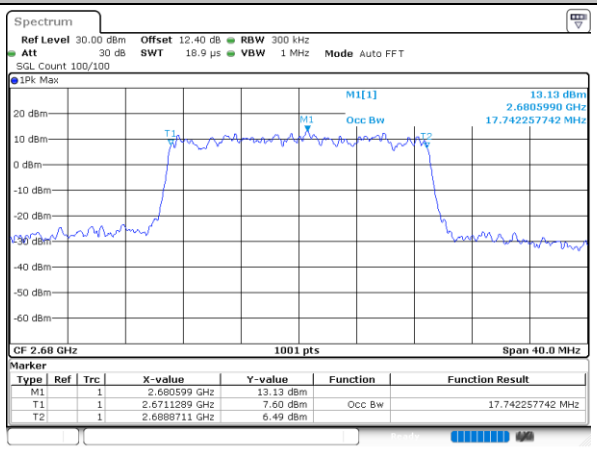

### Middle Channel / 20MHz / 16QAM




### Highest Channel / 20MHz / QPSK



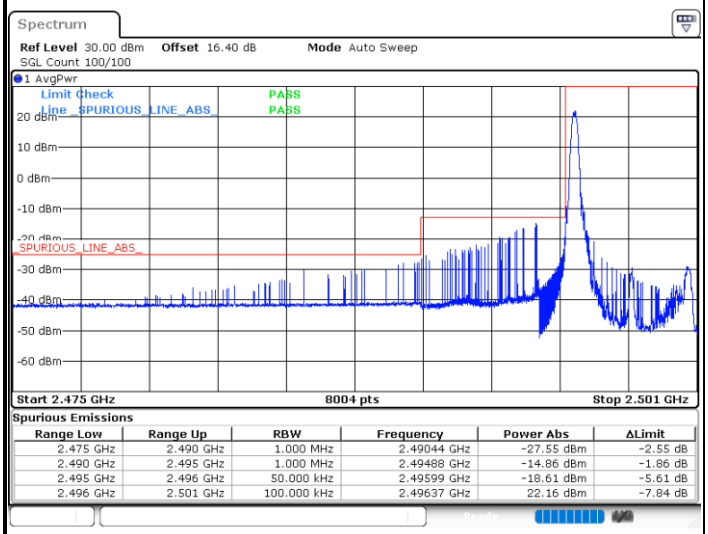

### Highest Channel / 20MHz / 16QAM



# Conducted Band Edge

## LTE Band 41 / 5MHz / QPSK

### Lowest Band Edge / 1 RB

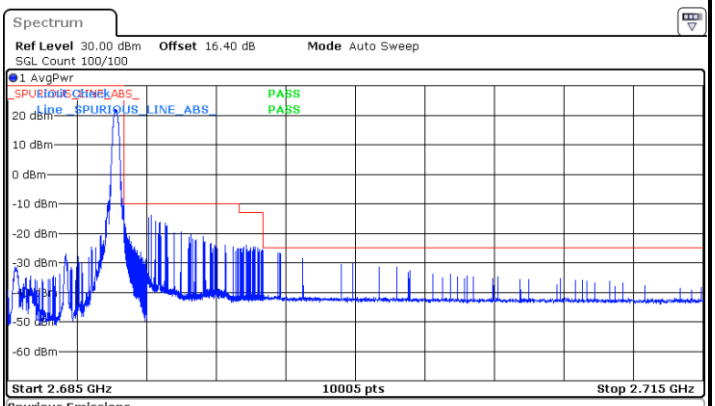



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.49044 GHz | -27.55 dBm | -2.55 dB |
| 2.490 GHz | 2.495 GHz | 1.000 MHz | 2.49488 GHz | -14.86 dBm | -1.86 dB |
| 2.495 GHz | 2.496 GHz | 50.000 kHz | 2.49599 GHz | -18.61 dBm | -5.61 dB |
| 2.496 GHz | 2.501 GHz | 100.000 kHz | 2.49637 GHz | 22.16 dBm | -7.84 dB |

Date: 22.SEP.2020 18:46:19

### Highest Band Edge / 1 RB

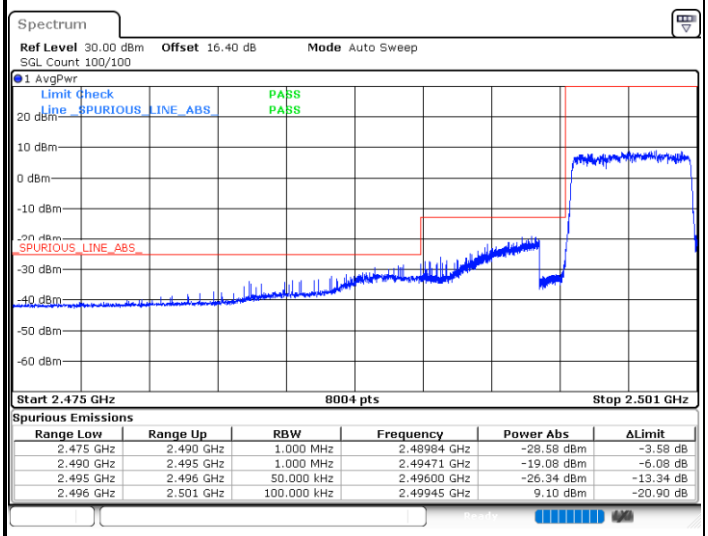



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.685 GHz | 2.690 GHz | 100.000 kHz | 2.68966 GHz | 22.00 dBm | -8.00 dB |
| 2.690 GHz | 2.691 GHz | 100.000 kHz | 2.69000 GHz | -15.41 dBm | -5.41 dB |
| 2.691 GHz | 2.695 GHz | 1.000 MHz | 2.69119 GHz | -13.89 dBm | -3.89 dB |
| 2.695 GHz | 2.696 GHz | 1.000 MHz | 2.69529 GHz | -24.09 dBm | -11.09 dB |
| 2.696 GHz | 2.715 GHz | 1.000 MHz | 2.69667 GHz | -26.63 dBm | -1.63 dB |

Date: 22.SEP.2020 20:03:26

### Lowest Band Edge / Full RB

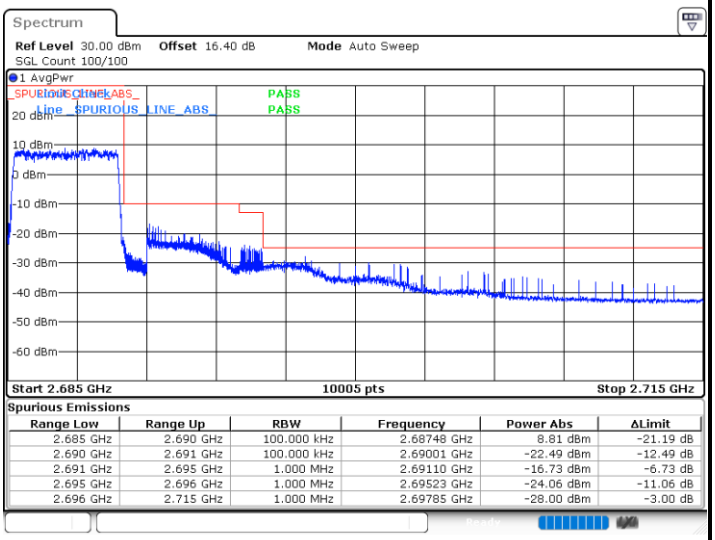



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.48984 GHz | -28.58 dBm | -3.58 dB |
| 2.490 GHz | 2.495 GHz | 1.000 MHz | 2.49471 GHz | -19.08 dBm | -6.08 dB |
| 2.495 GHz | 2.496 GHz | 50.000 kHz | 2.49600 GHz | -26.34 dBm | -13.34 dB |
| 2.496 GHz | 2.501 GHz | 100.000 kHz | 2.49945 GHz | 9.10 dBm | -20.90 dB |

Date: 22.SEP.2020 18:47:49

### Highest Band Edge / Full RB



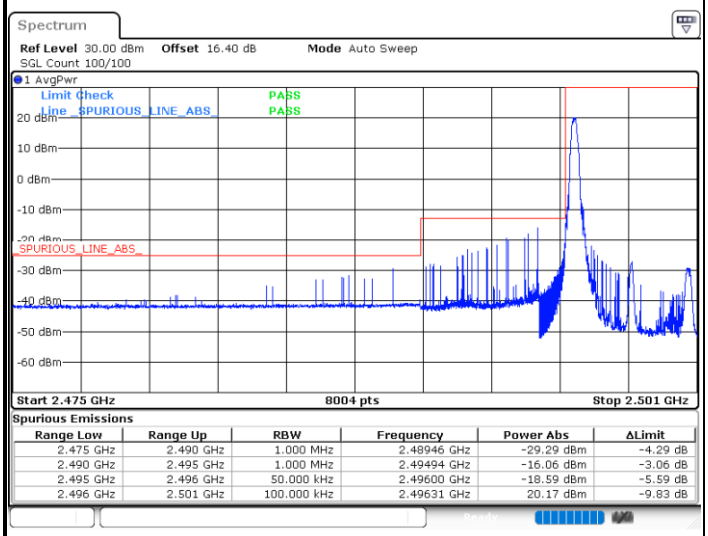

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.685 GHz | 2.690 GHz | 100.000 kHz | 2.68748 GHz | 8.81 dBm | -21.19 dB |
| 2.690 GHz | 2.691 GHz | 100.000 kHz | 2.69001 GHz | -22.49 dBm | -12.49 dB |
| 2.691 GHz | 2.695 GHz | 1.000 MHz | 2.69110 GHz | -16.73 dBm | -6.73 dB |
| 2.695 GHz | 2.696 GHz | 1.000 MHz | 2.69523 GHz | -24.06 dBm | -11.06 dB |
| 2.696 GHz | 2.715 GHz | 1.000 MHz | 2.69785 GHz | -28.00 dBm | -3.00 dB |

Date: 22.SEP.2020 20:04:11

## LTE Band 41 / 5MHz / 16QAM

### Lowest Band Edge / 1RB

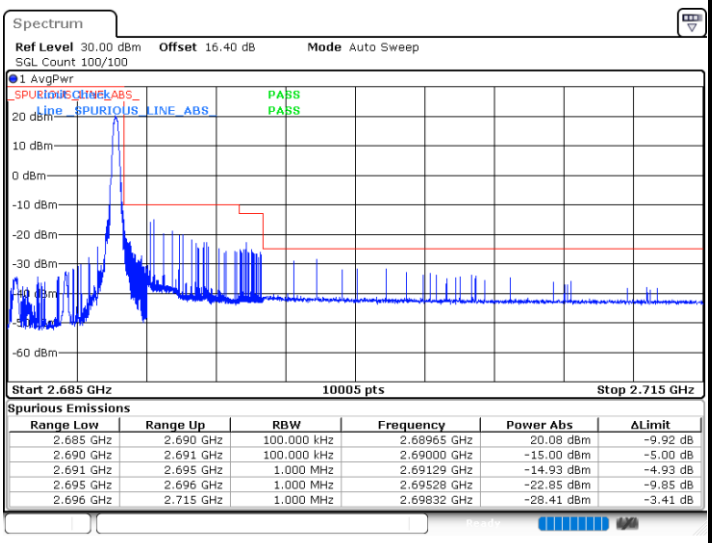



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.48946 GHz | -29.29 dBm | -4.29 dB |
| 2.490 GHz | 2.495 GHz | 1.000 MHz | 2.49494 GHz | -16.06 dBm | -3.06 dB |
| 2.495 GHz | 2.496 GHz | 50.000 kHz | 2.49600 GHz | -18.59 dBm | -5.59 dB |
| 2.496 GHz | 2.501 GHz | 100.000 kHz | 2.49631 GHz | 20.17 dBm | -9.83 dB |

Date: 22.SEP.2020 20:00:38

### Highest Band Edge / 1 RB

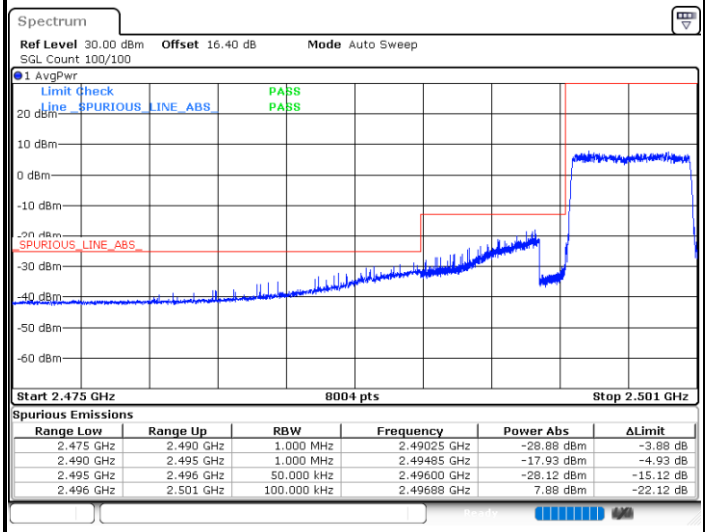



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.685 GHz | 2.690 GHz | 100.000 kHz | 2.68965 GHz | 20.08 dBm | -9.92 dB |
| 2.690 GHz | 2.691 GHz | 100.000 kHz | 2.69000 GHz | -15.00 dBm | -5.00 dB |
| 2.691 GHz | 2.695 GHz | 1.000 MHz | 2.69129 GHz | -14.93 dBm | -4.93 dB |
| 2.695 GHz | 2.696 GHz | 1.000 MHz | 2.69528 GHz | -22.85 dBm | -9.85 dB |
| 2.696 GHz | 2.715 GHz | 1.000 MHz | 2.69832 GHz | -28.41 dBm | -3.41 dB |

Date: 22.SEP.2020 18:50:03

### Lowest Band Edge / Full RB

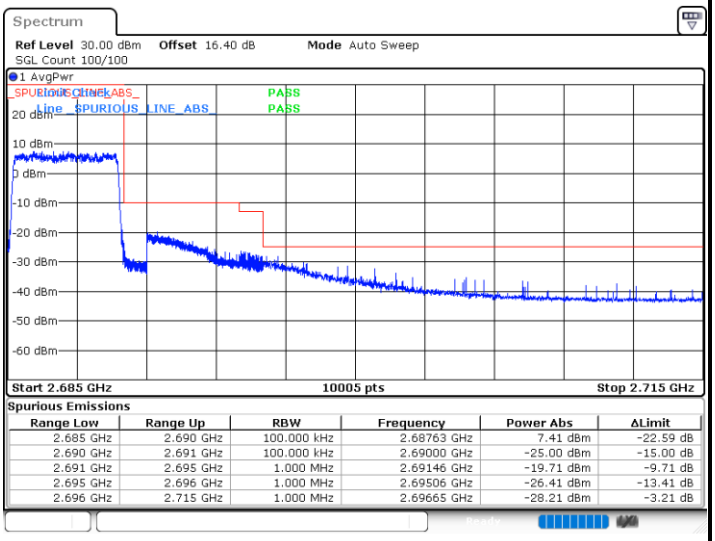



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.49025 GHz | -28.88 dBm | -3.88 dB |
| 2.490 GHz | 2.495 GHz | 1.000 MHz | 2.49485 GHz | -17.93 dBm | -4.93 dB |
| 2.495 GHz | 2.496 GHz | 50.000 kHz | 2.49600 GHz | -28.12 dBm | -15.12 dB |
| 2.496 GHz | 2.501 GHz | 100.000 kHz | 2.49688 GHz | 7.88 dBm | -22.12 dB |

Date: 22.SEP.2020 18:48:34

### Highest Band Edge / Full RB



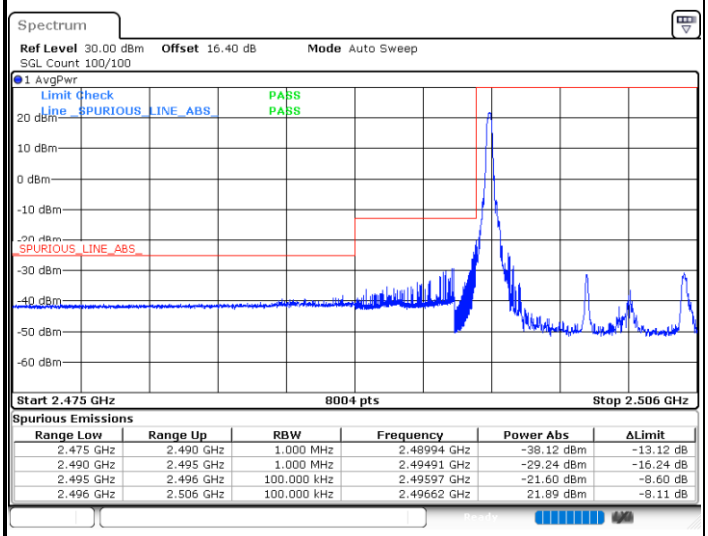

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.685 GHz | 2.690 GHz | 100.000 kHz | 2.68763 GHz | 7.41 dBm | -22.59 dB |
| 2.690 GHz | 2.691 GHz | 100.000 kHz | 2.69000 GHz | -25.00 dBm | -15.00 dB |
| 2.691 GHz | 2.695 GHz | 1.000 MHz | 2.69146 GHz | -19.71 dBm | -9.71 dB |
| 2.695 GHz | 2.696 GHz | 1.000 MHz | 2.69506 GHz | -26.41 dBm | -13.41 dB |
| 2.696 GHz | 2.715 GHz | 1.000 MHz | 2.69665 GHz | -28.21 dBm | -3.21 dB |

Date: 22.SEP.2020 18:51:33

## LTE Band 41 / 10MHz / QPSK

### Lowest Band Edge / 1 RB

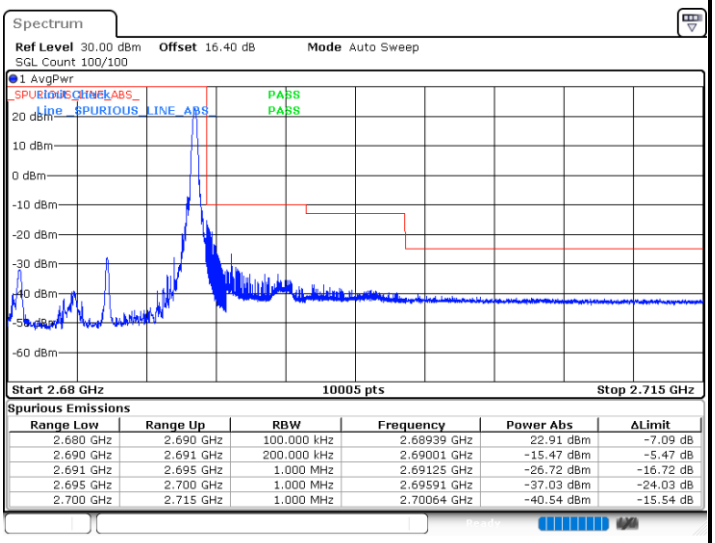



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.48994 GHz | -38.12 dBm | -13.12 dB |
| 2.490 GHz | 2.495 GHz | 1.000 MHz | 2.49491 GHz | -29.24 dBm | -16.24 dB |
| 2.495 GHz | 2.496 GHz | 100.000 kHz | 2.49597 GHz | -21.60 dBm | -8.60 dB |
| 2.496 GHz | 2.506 GHz | 100.000 kHz | 2.49662 GHz | 21.89 dBm | -8.11 dB |

Date: 22.SEP.2020 18:52:19

### Highest Band Edge / 1 RB

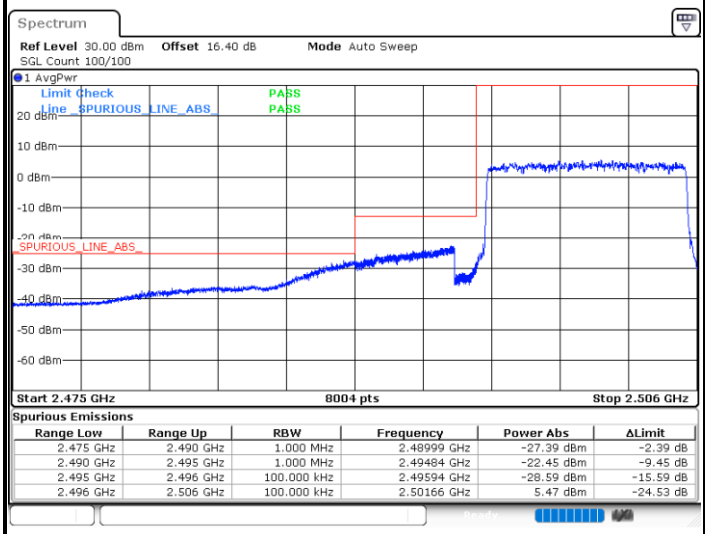



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.680 GHz | 2.690 GHz | 100.000 kHz | 2.68939 GHz | 22.91 dBm | -7.09 dB |
| 2.690 GHz | 2.691 GHz | 200.000 kHz | 2.69001 GHz | -15.47 dBm | -5.47 dB |
| 2.691 GHz | 2.695 GHz | 1.000 MHz | 2.69125 GHz | -26.72 dBm | -16.72 dB |
| 2.695 GHz | 2.700 GHz | 1.000 MHz | 2.69591 GHz | -37.03 dBm | -24.03 dB |
| 2.700 GHz | 2.715 GHz | 1.000 MHz | 2.70064 GHz | -40.54 dBm | -15.54 dB |

Date: 22.SEP.2020 18:59:34

### Lowest Band Edge / Full RB

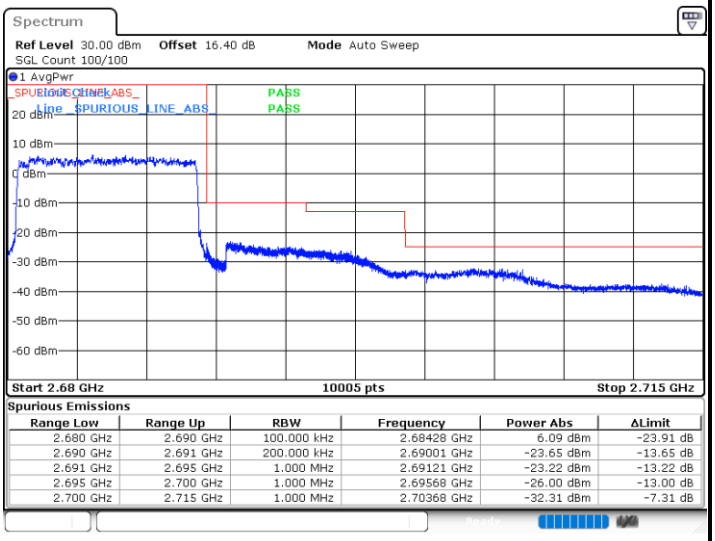



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.48999 GHz | -27.39 dBm | -2.39 dB |
| 2.490 GHz | 2.495 GHz | 1.000 MHz | 2.49484 GHz | -22.45 dBm | -9.45 dB |
| 2.495 GHz | 2.496 GHz | 100.000 kHz | 2.49594 GHz | -28.59 dBm | -15.59 dB |
| 2.496 GHz | 2.506 GHz | 100.000 kHz | 2.50166 GHz | 5.47 dBm | -24.53 dB |

Date: 22.SEP.2020 18:58:05

### Highest Band Edge / Full RB



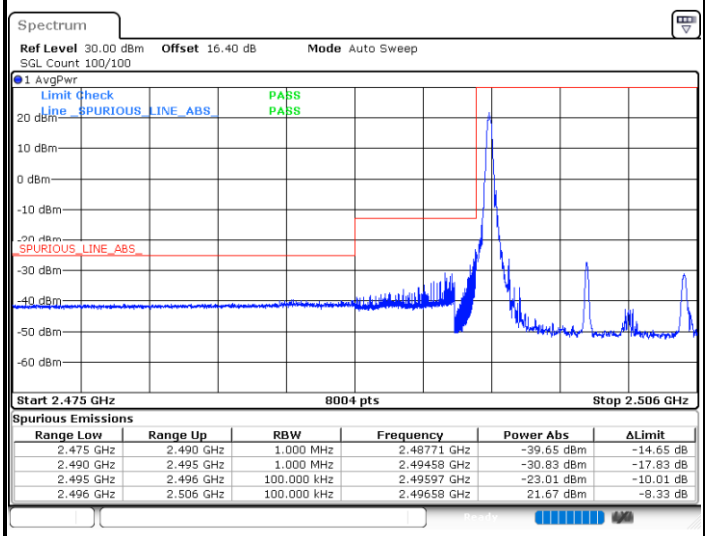

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.680 GHz | 2.690 GHz | 100.000 kHz | 2.68428 GHz | 6.09 dBm | -23.91 dB |
| 2.690 GHz | 2.691 GHz | 200.000 kHz | 2.69001 GHz | -23.65 dBm | -13.65 dB |
| 2.691 GHz | 2.695 GHz | 1.000 MHz | 2.69121 GHz | -23.22 dBm | -13.22 dB |
| 2.695 GHz | 2.700 GHz | 1.000 MHz | 2.69568 GHz | -26.00 dBm | -13.00 dB |
| 2.700 GHz | 2.715 GHz | 1.000 MHz | 2.70368 GHz | -32.31 dBm | -7.31 dB |

Date: 22.SEP.2020 19:01:04

## LTE Band 41 / 10MHz / 16QAM

### Lowest Band Edge / 1 RB

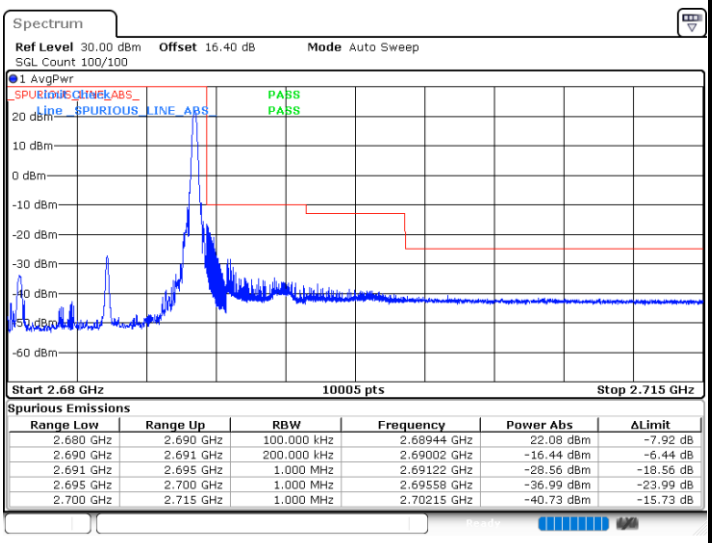



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.48771 GHz | -39.65 dBm | -14.65 dB |
| 2.490 GHz | 2.495 GHz | 1.000 MHz | 2.49458 GHz | -30.83 dBm | -17.83 dB |
| 2.495 GHz | 2.496 GHz | 100.000 kHz | 2.49597 GHz | -23.01 dBm | -10.01 dB |
| 2.496 GHz | 2.506 GHz | 100.000 kHz | 2.49658 GHz | 21.67 dBm | -8.33 dB |

Date: 22.SEP.2020 18:57:20

### Highest Band Edge / 1 RB

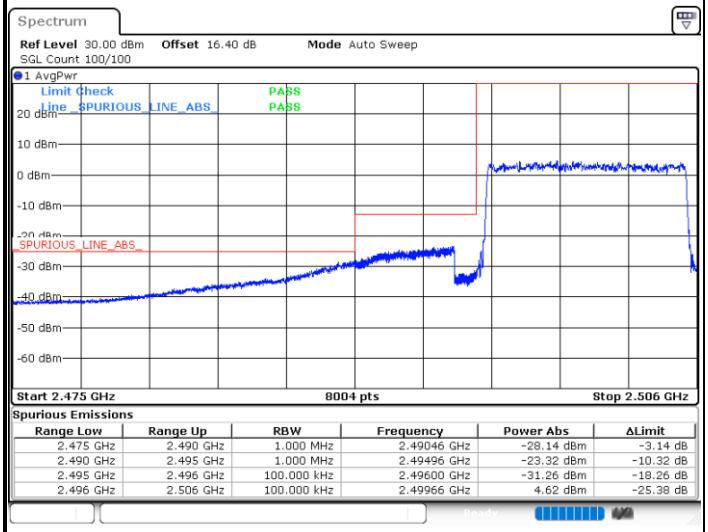



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.680 GHz | 2.690 GHz | 100.000 kHz | 2.68944 GHz | 22.08 dBm | -7.92 dB |
| 2.690 GHz | 2.691 GHz | 200.000 kHz | 2.69002 GHz | -16.44 dBm | -6.44 dB |
| 2.691 GHz | 2.695 GHz | 1.000 MHz | 2.69122 GHz | -28.56 dBm | -18.56 dB |
| 2.695 GHz | 2.700 GHz | 1.000 MHz | 2.69558 GHz | -36.99 dBm | -23.99 dB |
| 2.700 GHz | 2.715 GHz | 1.000 MHz | 2.70215 GHz | -40.73 dBm | -15.73 dB |

Date: 22.SEP.2020 19:00:19

### Lowest Band Edge / Full RB

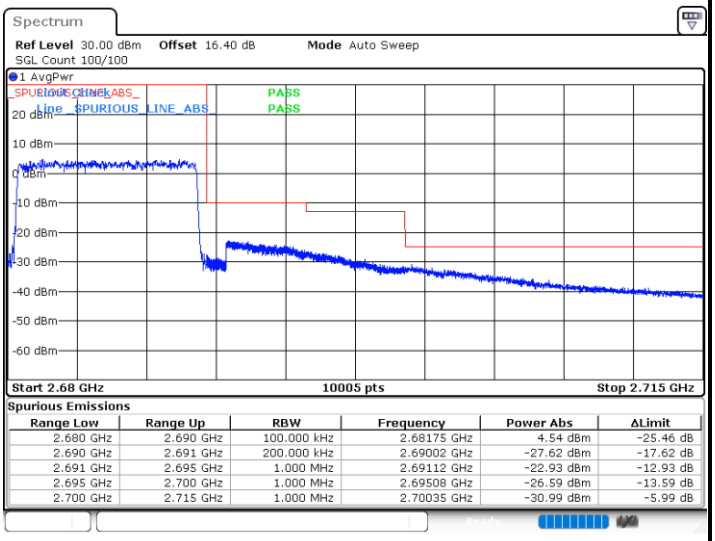



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.49046 GHz | -28.14 dBm | -3.14 dB |
| 2.490 GHz | 2.495 GHz | 1.000 MHz | 2.49496 GHz | -23.32 dBm | -10.32 dB |
| 2.495 GHz | 2.496 GHz | 100.000 kHz | 2.49600 GHz | -31.26 dBm | -18.26 dB |
| 2.496 GHz | 2.506 GHz | 100.000 kHz | 2.49966 GHz | 4.62 dBm | -25.38 dB |

Date: 22.SEP.2020 18:58:50

### Highest Band Edge / Full RB



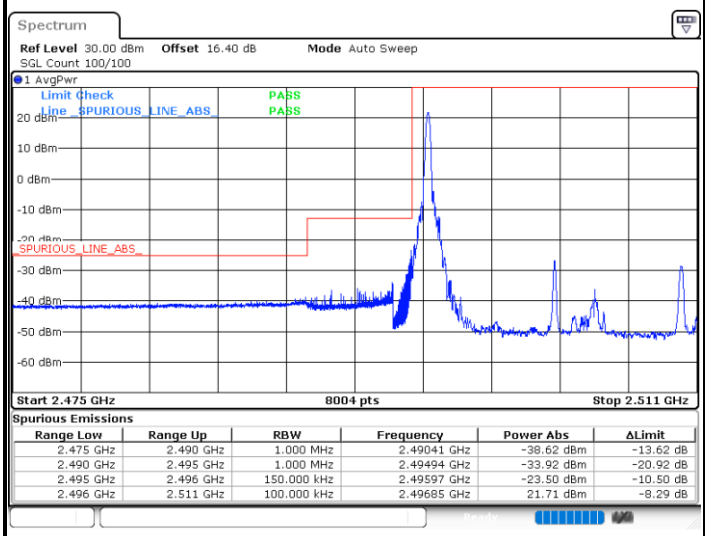

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.680 GHz | 2.690 GHz | 100.000 kHz | 2.68175 GHz | 4.54 dBm | -25.46 dB |
| 2.690 GHz | 2.691 GHz | 200.000 kHz | 2.69002 GHz | -27.62 dBm | -17.62 dB |
| 2.691 GHz | 2.695 GHz | 1.000 MHz | 2.69112 GHz | -22.93 dBm | -12.93 dB |
| 2.695 GHz | 2.700 GHz | 1.000 MHz | 2.69508 GHz | -26.59 dBm | -13.59 dB |
| 2.700 GHz | 2.715 GHz | 1.000 MHz | 2.70035 GHz | -30.99 dBm | -5.99 dB |

Date: 22.SEP.2020 19:01:49

## LTE Band 41 / 15MHz / QPSK

### Lowest Band Edge / 1 RB

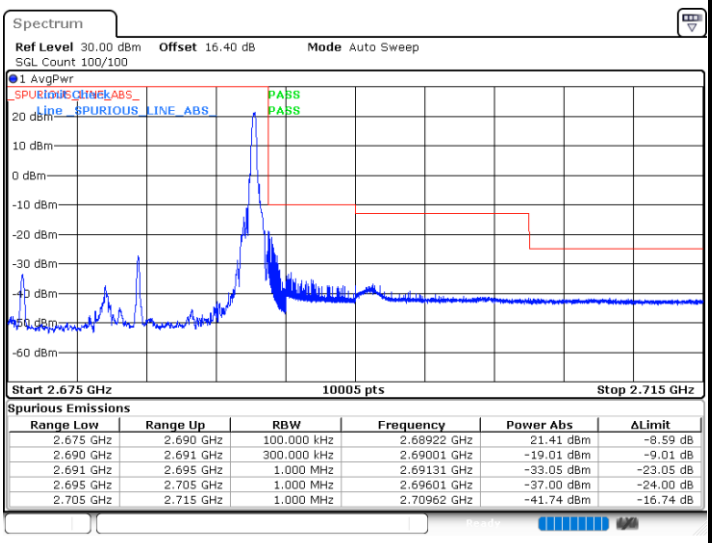



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.49041 GHz | -38.62 dBm | -13.62 dB |
| 2.490 GHz | 2.495 GHz | 1.000 MHz | 2.49494 GHz | -33.92 dBm | -20.92 dB |
| 2.495 GHz | 2.496 GHz | 150.000 kHz | 2.49597 GHz | -23.50 dBm | -10.50 dB |
| 2.496 GHz | 2.511 GHz | 100.000 kHz | 2.49685 GHz | 21.71 dBm | -8.29 dB |

Date: 22.SEP.2020 19:02:35

### Highest Band Edge / 1 RB

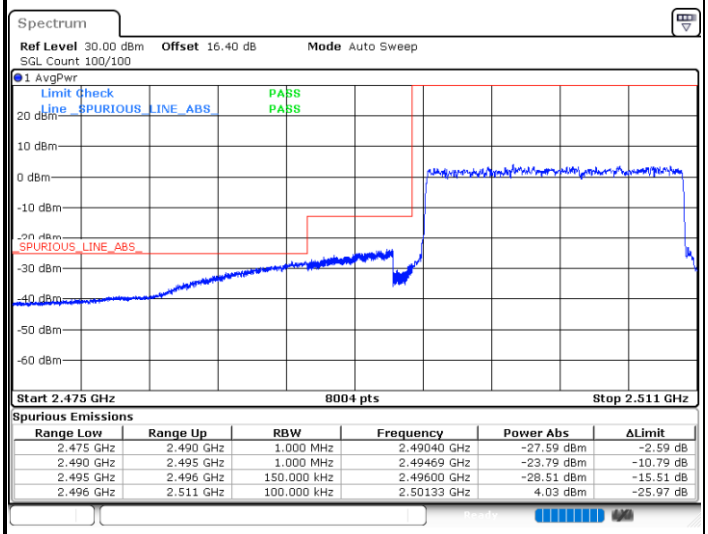



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.675 GHz | 2.690 GHz | 100.000 kHz | 2.68922 GHz | 21.41 dBm | -8.59 dB |
| 2.690 GHz | 2.691 GHz | 300.000 kHz | 2.69001 GHz | -19.01 dBm | -9.01 dB |
| 2.691 GHz | 2.695 GHz | 1.000 MHz | 2.69131 GHz | -33.05 dBm | -23.05 dB |
| 2.695 GHz | 2.705 GHz | 1.000 MHz | 2.69601 GHz | -37.00 dBm | -24.00 dB |
| 2.705 GHz | 2.715 GHz | 1.000 MHz | 2.70962 GHz | -41.74 dBm | -16.74 dB |

Date: 22.SEP.2020 19:08:52

### Lowest Band Edge / Full RB

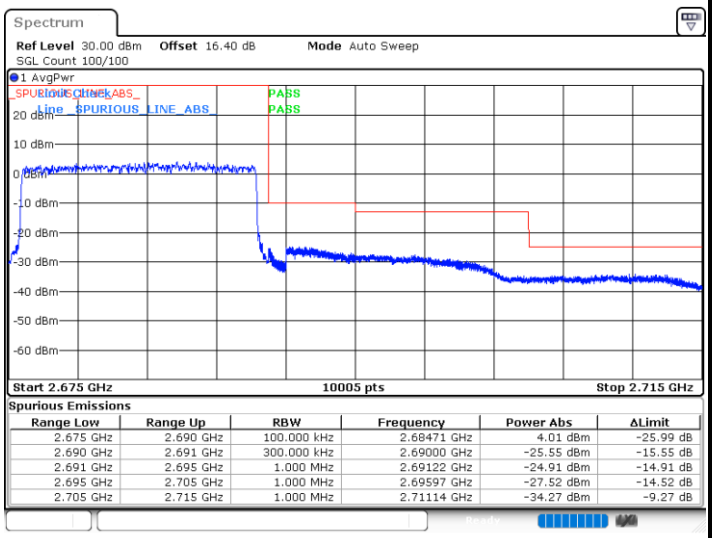



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.475 GHz | 2.490 GHz | 1.000 MHz | 2.49040 GHz | -27.59 dBm | -2.59 dB |
| 2.490 GHz | 2.495 GHz | 1.000 MHz | 2.49469 GHz | -23.79 dBm | -10.79 dB |
| 2.495 GHz | 2.496 GHz | 150.000 kHz | 2.49600 GHz | -28.51 dBm | -15.51 dB |
| 2.496 GHz | 2.511 GHz | 100.000 kHz | 2.50133 GHz | 4.03 dBm | -25.97 dB |

Date: 22.SEP.2020 19:04:46

### Highest Band Edge / Full RB




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 2.675 GHz | 2.690 GHz | 100.000 kHz | 2.68471 GHz | 4.01 dBm | -25.99 dB |
| 2.690 GHz | 2.691 GHz | 300.000 kHz | 2.69000 GHz | -25.55 dBm | -15.55 dB |
| 2.691 GHz | 2.695 GHz | 1.000 MHz | 2.69122 GHz | -24.91 dBm | -14.91 dB |
| 2.695 GHz | 2.705 GHz | 1.000 MHz | 2.69597 GHz | -27.52 dBm | -14.52 dB |
| 2.705 GHz | 2.715 GHz | 1.000 MHz | 2.71114 GHz | -34.27 dBm | -9.27 dB |

Date: 22.SEP.2020 19:11:29