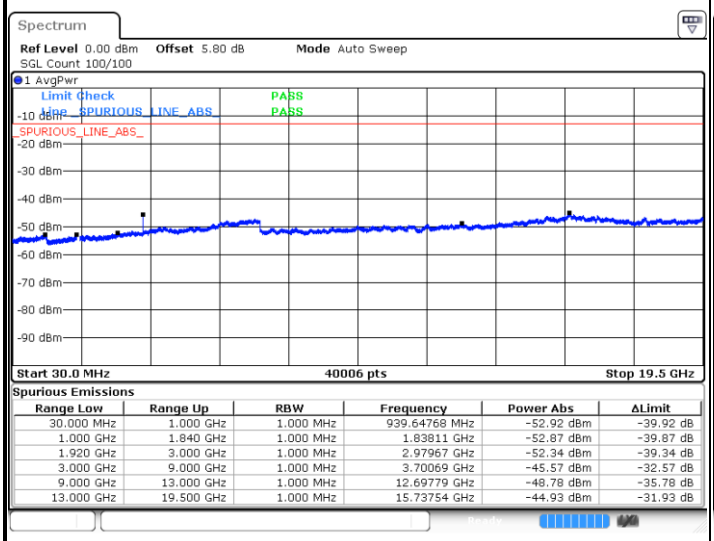
# Conducted Spurious Emission

## LTE Band 2 / 1.4MHz

### Lowest Channel / QPSK

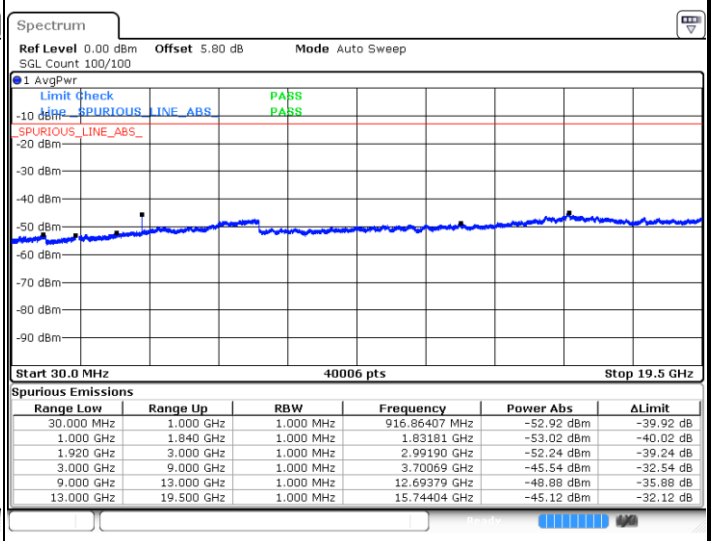



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 939.64768 MHz | -52.92 dBm | -39.92 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.83811 GHz | -52.87 dBm | -39.87 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.97967 GHz | -52.34 dBm | -39.34 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.70069 GHz | -45.57 dBm | -32.57 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.69779 GHz | -48.78 dBm | -35.78 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.73754 GHz | -44.93 dBm | -31.93 dB |

Date: 5.JUL.2019 10:32:44

### Lowest Channel / 16QAM

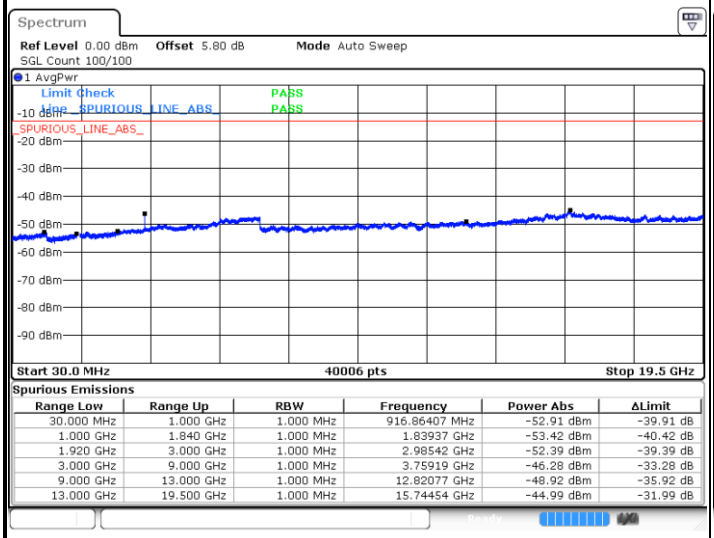



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 916.86407 MHz | -52.92 dBm | -39.92 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.83181 GHz | -53.02 dBm | -40.02 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.99190 GHz | -52.24 dBm | -39.24 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.70069 GHz | -45.54 dBm | -32.54 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.69379 GHz | -48.88 dBm | -35.88 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.74404 GHz | -45.12 dBm | -32.12 dB |

Date: 5.JUL.2019 10:33:39

### Middle Channel / QPSK

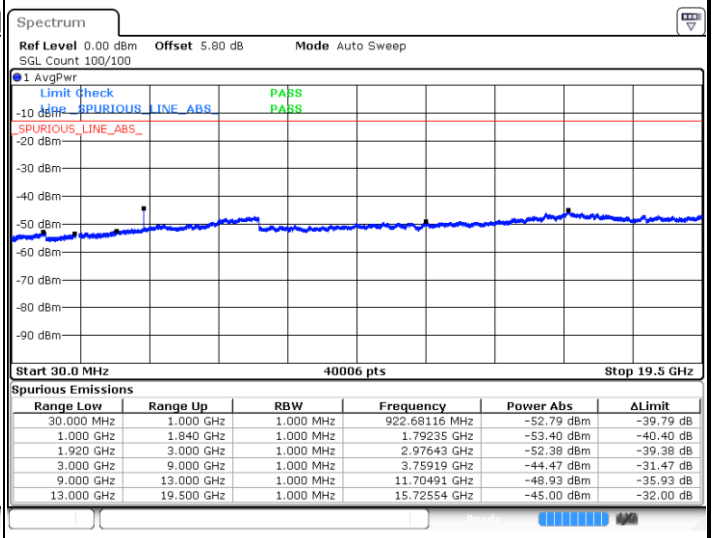



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 916.86407 MHz | -52.91 dBm | -39.91 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.83937 GHz | -53.42 dBm | -40.42 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.98542 GHz | -52.39 dBm | -39.39 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.75919 GHz | -46.28 dBm | -33.28 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.82077 GHz | -48.92 dBm | -35.92 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.74454 GHz | -44.99 dBm | -31.99 dB |

Date: 5.JUL.2019 10:35:14

### Middle Channel / 16QAM



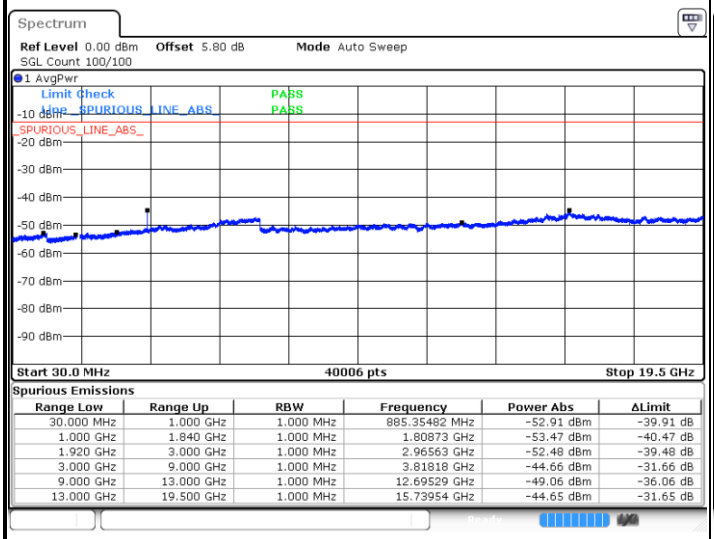

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 922.68116 MHz | -52.79 dBm | -39.79 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.79235 GHz | -53.40 dBm | -40.40 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.97643 GHz | -52.38 dBm | -39.38 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.75919 GHz | -44.47 dBm | -31.47 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 11.70491 GHz | -48.93 dBm | -35.93 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.72554 GHz | -45.00 dBm | -32.00 dB |

Date: 5.JUL.2019 10:36:09

## LTE Band 2 / 1.4MHz

### Highest Channel / QPSK

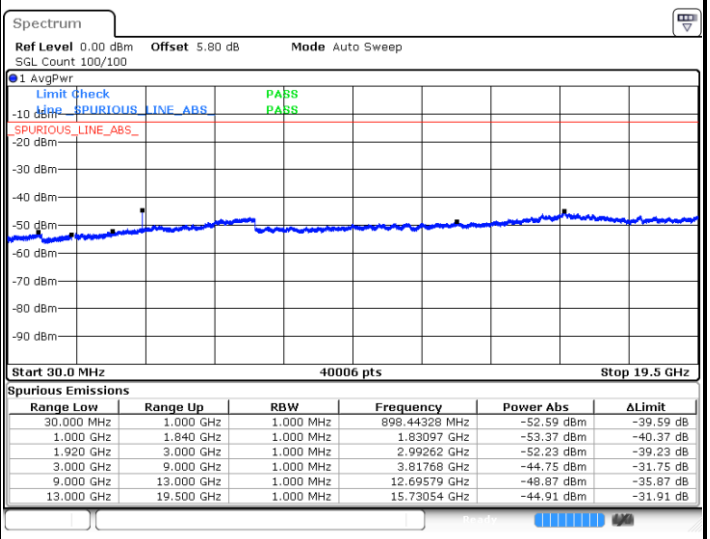



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 885.35482 MHz | -52.91 dBm | -39.91 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.80873 GHz | -53.47 dBm | -40.47 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.96563 GHz | -52.48 dBm | -39.48 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.81818 GHz | -44.66 dBm | -31.66 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.69529 GHz | -49.06 dBm | -36.06 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.73954 GHz | -44.65 dBm | -31.65 dB |

Date: 5.JUL.2019 10:42:15

### Highest Channel / 16QAM



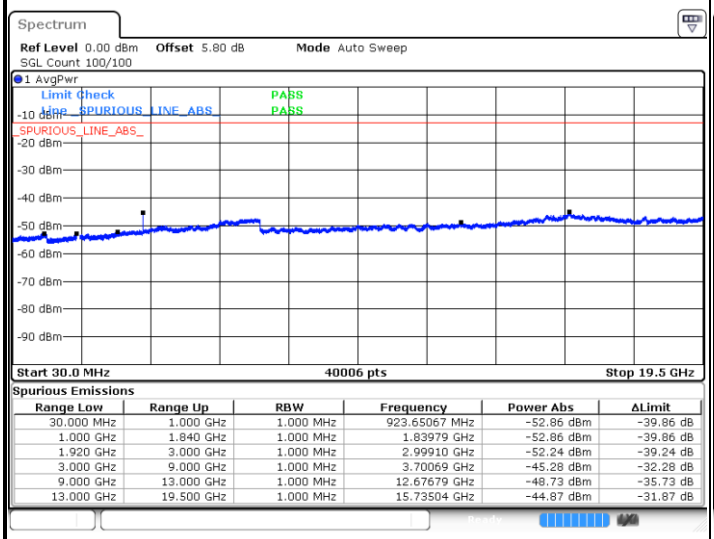

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 898.44328 MHz | -52.59 dBm | -39.59 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.83097 GHz | -53.37 dBm | -40.37 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.99262 GHz | -52.23 dBm | -39.23 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.81768 GHz | -44.75 dBm | -31.75 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.69579 GHz | -48.87 dBm | -35.87 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.73054 GHz | -44.91 dBm | -31.91 dB |

Date: 5.JUL.2019 10:43:09

## LTE Band 2 / 3MHz

### Lowest Channel / QPSK

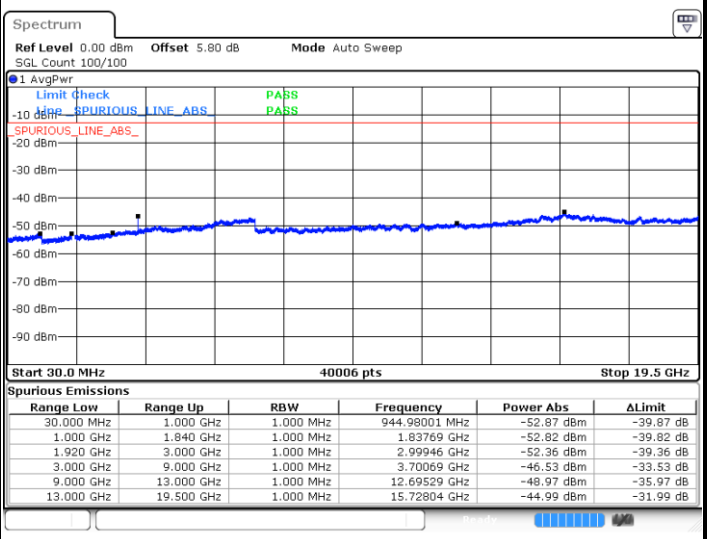



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 923.65067 MHz | -52.86 dBm | -39.86 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.83979 GHz | -52.86 dBm | -39.86 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.99910 GHz | -52.24 dBm | -39.24 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.70069 GHz | -45.28 dBm | -32.28 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.67679 GHz | -48.73 dBm | -35.73 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.73504 GHz | -44.87 dBm | -31.87 dB |

Date: 5.JUL.2019 10:49:15

### Lowest Channel / 16QAM



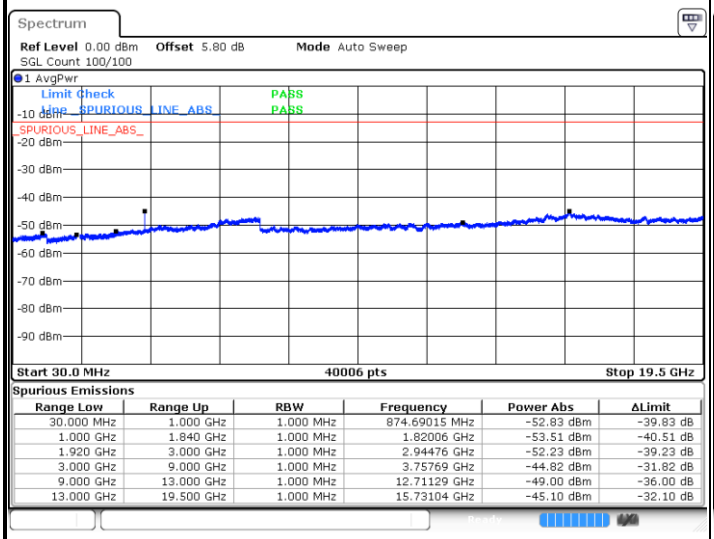

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 944.98001 MHz | -52.87 dBm | -39.87 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.83769 GHz | -52.82 dBm | -39.82 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.99946 GHz | -52.36 dBm | -39.36 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.70069 GHz | -46.53 dBm | -33.53 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.69529 GHz | -48.97 dBm | -35.97 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.72804 GHz | -44.99 dBm | -31.99 dB |

Date: 5.JUL.2019 10:50:10

## LTE Band 2 / 3MHz

### Middle Channel / QPSK

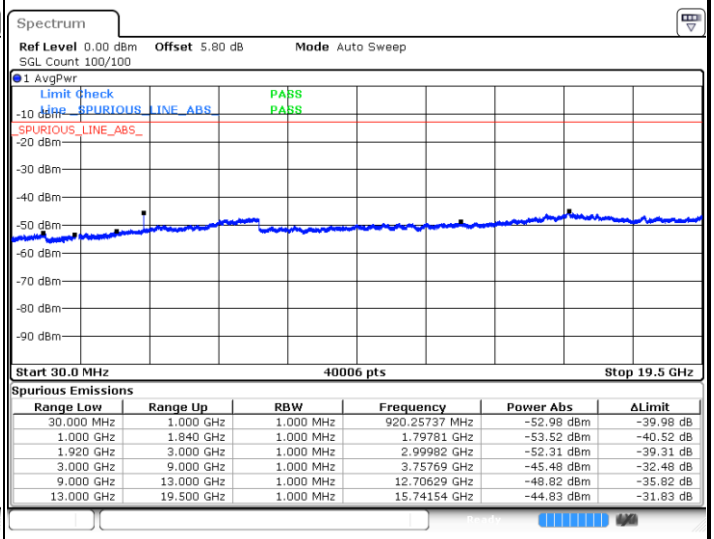



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 874.69015 MHz | -52.83 dBm | -39.83 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.82006 GHz | -53.51 dBm | -40.51 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.94476 GHz | -52.23 dBm | -39.23 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.75769 GHz | -44.82 dBm | -31.82 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.71129 GHz | -49.00 dBm | -36.00 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.73104 GHz | -45.10 dBm | -32.10 dB |

Date: 5.JUL.2019 10:51:45

### Middle Channel / 16QAM

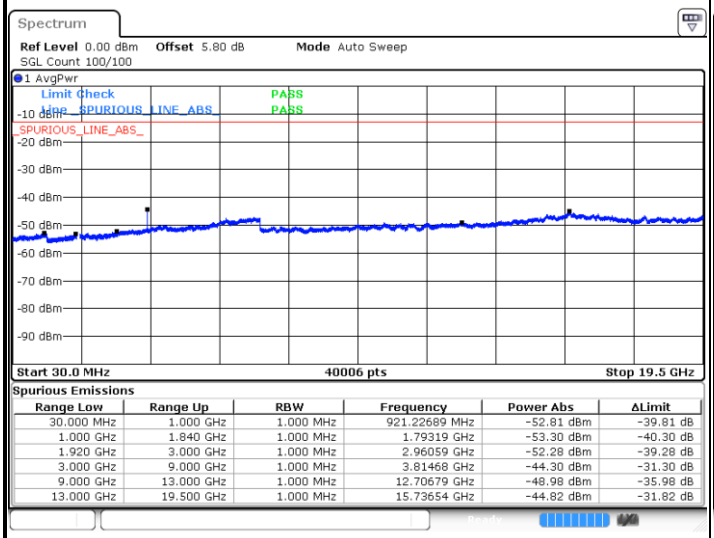



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 920.25737 MHz | -52.98 dBm | -39.98 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.79781 GHz | -53.52 dBm | -40.52 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.99982 GHz | -52.31 dBm | -39.31 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.75769 GHz | -45.48 dBm | -32.48 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.70629 GHz | -48.82 dBm | -35.82 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.74154 GHz | -44.83 dBm | -31.83 dB |

Date: 5.JUL.2019 10:52:40

### Highest Channel / QPSK

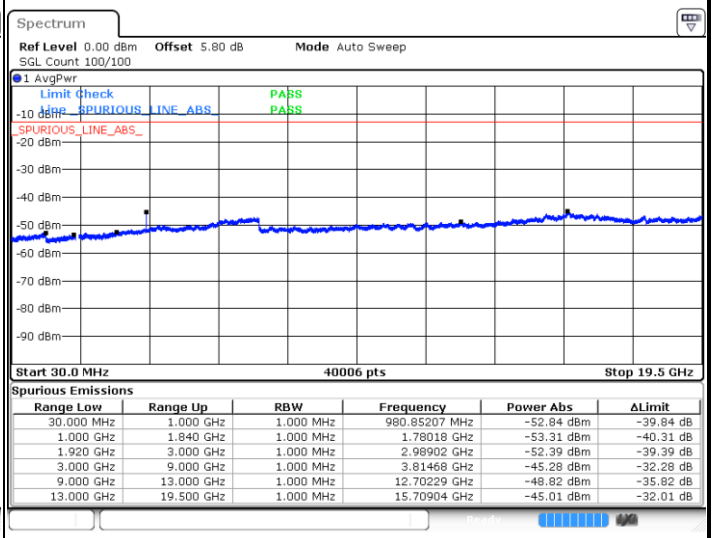



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 921.22689 MHz | -52.81 dBm | -39.81 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.79319 GHz | -53.30 dBm | -40.30 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.96059 GHz | -52.28 dBm | -39.28 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.81468 GHz | -44.30 dBm | -31.30 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.70679 GHz | -48.98 dBm | -35.98 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.73654 GHz | -44.82 dBm | -31.82 dB |

Date: 5.JUL.2019 10:58:45

### Highest Channel / 16QAM



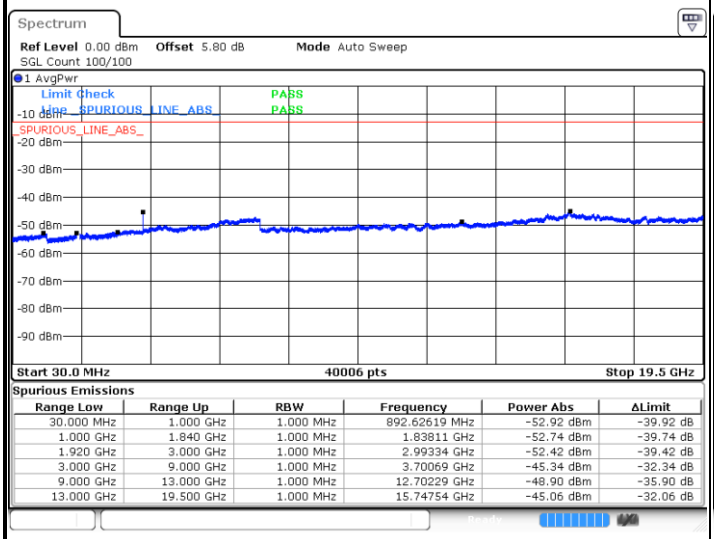

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 980.85207 MHz | -52.84 dBm | -39.84 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.78018 GHz | -53.31 dBm | -40.31 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.98902 GHz | -52.39 dBm | -39.39 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.81468 GHz | -45.28 dBm | -32.28 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.70229 GHz | -48.82 dBm | -35.82 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.70904 GHz | -45.01 dBm | -32.01 dB |

Date: 5.JUL.2019 10:59:40

## LTE Band 2 / 5MHz

### Lowest Channel / QPSK

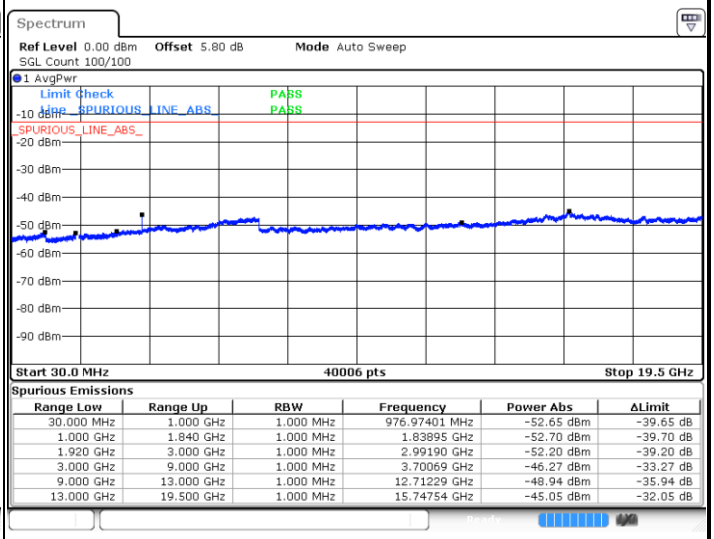



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 892.62619 MHz | -52.92 dBm | -39.92 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.83811 GHz | -52.74 dBm | -39.74 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.99334 GHz | -52.42 dBm | -39.42 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.70069 GHz | -45.34 dBm | -32.34 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.70229 GHz | -48.90 dBm | -35.90 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.74754 GHz | -45.06 dBm | -32.06 dB |

Date: 5.JUL.2019 11:05:45

### Lowest Channel / 16QAM

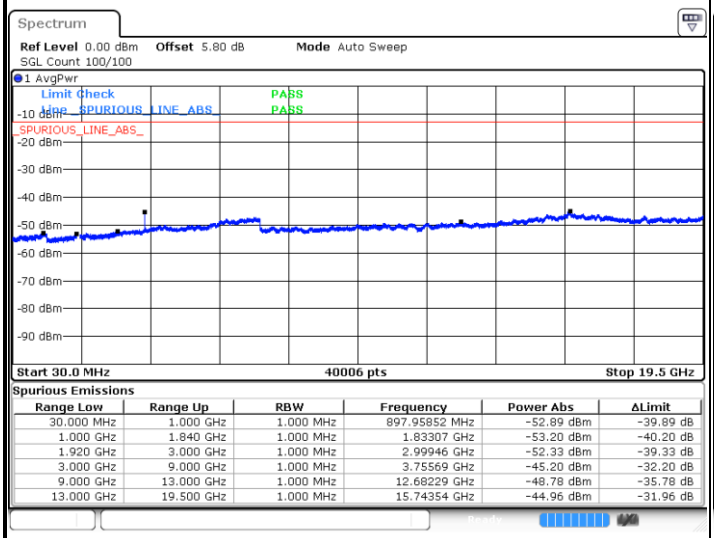



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 976.97401 MHz | -52.65 dBm | -39.65 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.83895 GHz | -52.70 dBm | -39.70 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.99190 GHz | -52.20 dBm | -39.20 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.70069 GHz | -46.27 dBm | -33.27 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.71229 GHz | -48.94 dBm | -35.94 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.74754 GHz | -45.05 dBm | -32.05 dB |

Date: 5.JUL.2019 11:06:39

### Middle Channel / QPSK

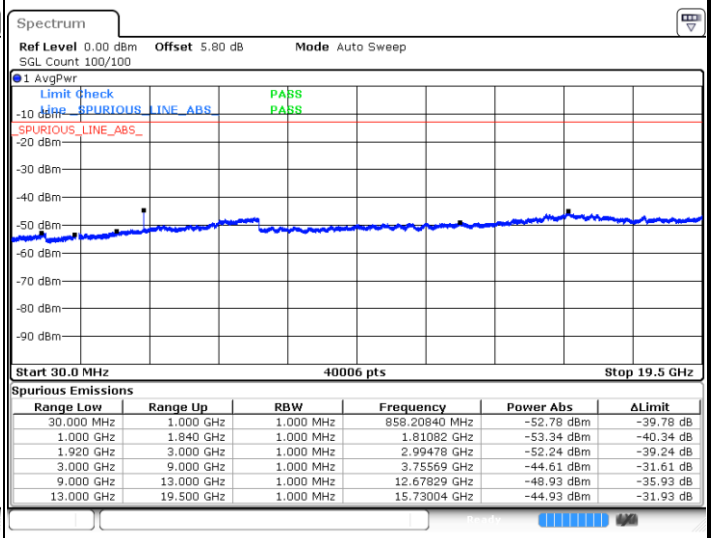



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 897.95852 MHz | -52.89 dBm | -39.89 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.83307 GHz | -53.20 dBm | -40.20 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.99946 GHz | -52.33 dBm | -39.33 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.75569 GHz | -45.20 dBm | -32.20 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.68229 GHz | -48.78 dBm | -35.78 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.74354 GHz | -44.96 dBm | -31.96 dB |

Date: 5.JUL.2019 11:08:14

### Middle Channel / 16QAM



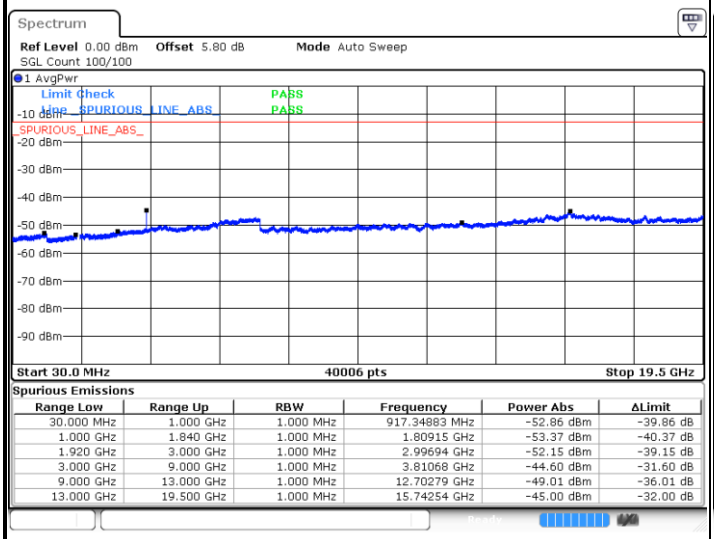

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 858.20840 MHz | -52.78 dBm | -39.78 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.81082 GHz | -53.34 dBm | -40.34 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.99478 GHz | -52.24 dBm | -39.24 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.75569 GHz | -44.61 dBm | -31.61 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.67829 GHz | -48.93 dBm | -35.93 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.73004 GHz | -44.93 dBm | -31.93 dB |

Date: 5.JUL.2019 11:09:09

## LTE Band 2 / 5MHz

### Highest Channel / QPSK

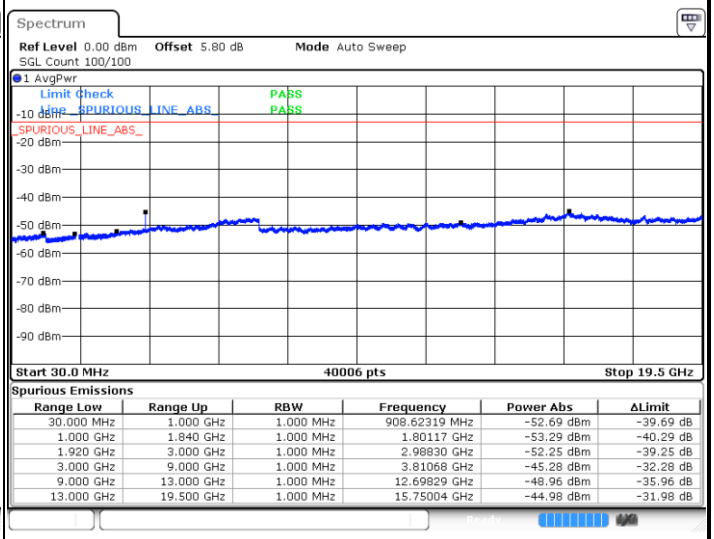



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 917.34883 MHz | -52.86 dBm | -39.86 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.80915 GHz | -53.37 dBm | -40.37 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.99694 GHz | -52.15 dBm | -39.15 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.81068 GHz | -44.60 dBm | -31.60 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.70279 GHz | -49.01 dBm | -36.01 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.74254 GHz | -45.00 dBm | -32.00 dB |

Date: 5.JUL.2019 11:15:14

### Highest Channel / 16QAM



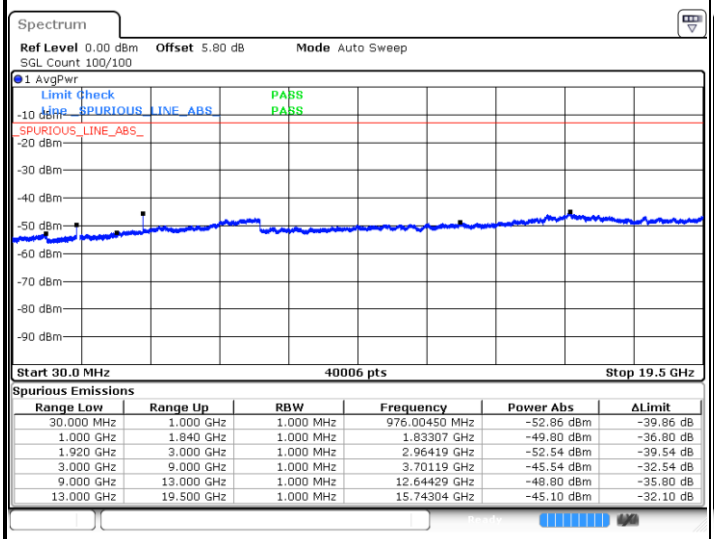

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 908.62319 MHz | -52.69 dBm | -39.69 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.80117 GHz | -53.29 dBm | -40.29 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.98830 GHz | -52.25 dBm | -39.25 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.81068 GHz | -45.28 dBm | -32.28 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.69829 GHz | -48.96 dBm | -35.96 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.75004 GHz | -44.98 dBm | -31.98 dB |

Date: 5.JUL.2019 11:16:09

## LTE Band 2 / 10MHz

### Lowest Channel / QPSK

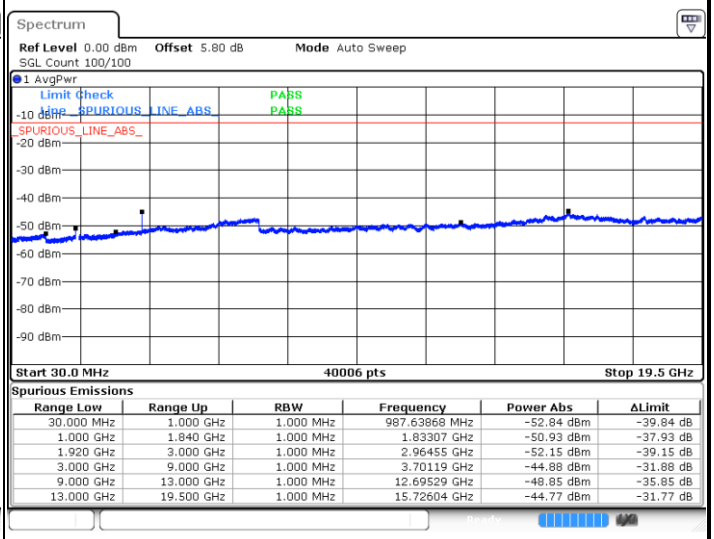



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 976.00450 MHz | -52.86 dBm | -39.86 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.83307 GHz | -49.80 dBm | -36.80 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.96419 GHz | -52.54 dBm | -39.54 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.70119 GHz | -45.54 dBm | -32.54 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.64429 GHz | -48.80 dBm | -35.80 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.74304 GHz | -45.10 dBm | -32.10 dB |

Date: 5.JUL.2019 11:22:15

### Lowest Channel / 16QAM



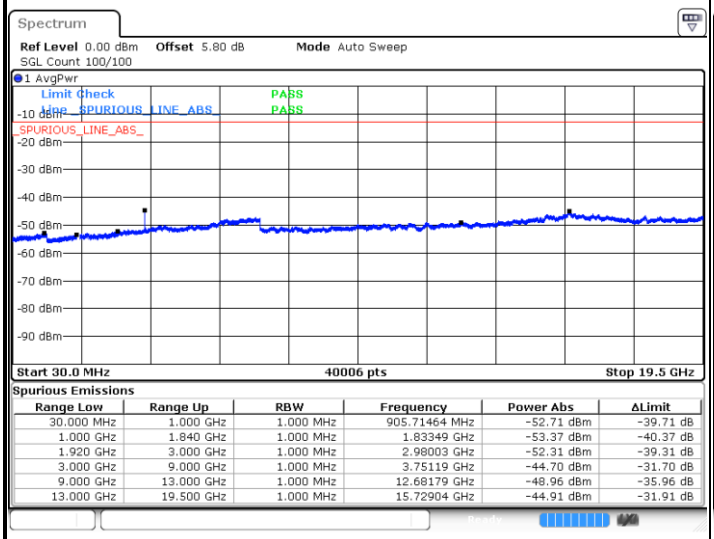

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 987.63868 MHz | -52.84 dBm | -39.84 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.83307 GHz | -50.93 dBm | -37.93 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.96455 GHz | -52.15 dBm | -39.15 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.70119 GHz | -44.88 dBm | -31.88 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.69529 GHz | -48.85 dBm | -35.85 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.72604 GHz | -44.77 dBm | -31.77 dB |

Date: 5.JUL.2019 11:23:10

## LTE Band 2 / 10MHz

### Middle Channel / QPSK

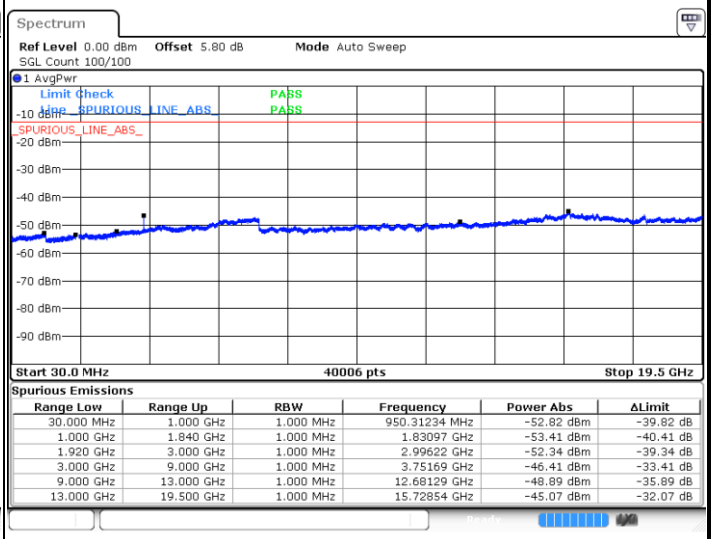



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 905.71464 MHz | -52.71 dBm | -39.71 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.83349 GHz | -53.37 dBm | -40.37 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.98003 GHz | -52.31 dBm | -39.31 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.75119 GHz | -44.70 dBm | -31.70 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.68179 GHz | -48.96 dBm | -35.96 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.72904 GHz | -44.91 dBm | -31.91 dB |

Date: 5.JUL.2019 11:24:45

### Middle Channel / 16QAM

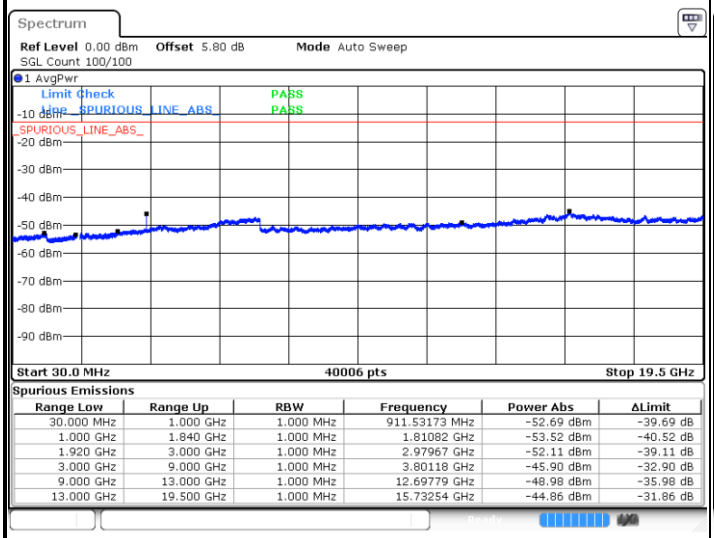



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 950.31234 MHz | -52.82 dBm | -39.82 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.83097 GHz | -53.41 dBm | -40.41 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.99622 GHz | -52.34 dBm | -39.34 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.75169 GHz | -46.41 dBm | -33.41 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.68129 GHz | -48.89 dBm | -35.89 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.72854 GHz | -45.07 dBm | -32.07 dB |

Date: 5.JUL.2019 11:25:40

### Highest Channel / QPSK

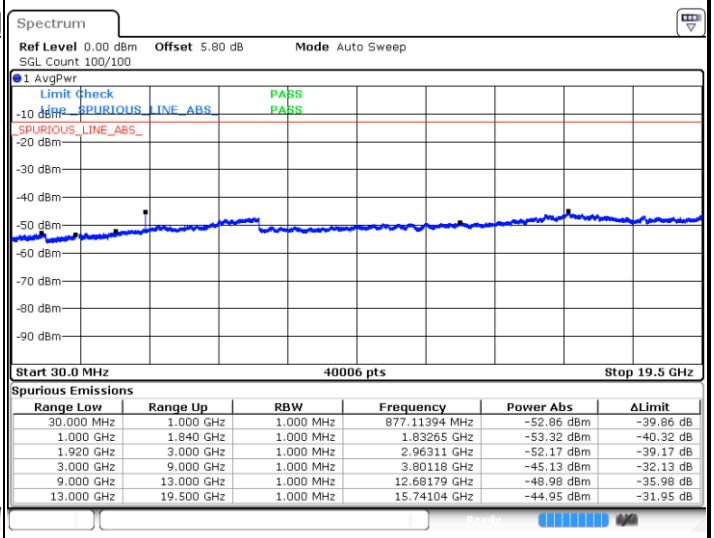



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 911.53173 MHz | -52.69 dBm | -39.69 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.81082 GHz | -53.52 dBm | -40.52 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.97967 GHz | -52.11 dBm | -39.11 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.80118 GHz | -45.90 dBm | -32.90 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.69779 GHz | -48.98 dBm | -35.98 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.73254 GHz | -44.86 dBm | -31.86 dB |

Date: 5.JUL.2019 11:31:45

### Highest Channel / 16QAM



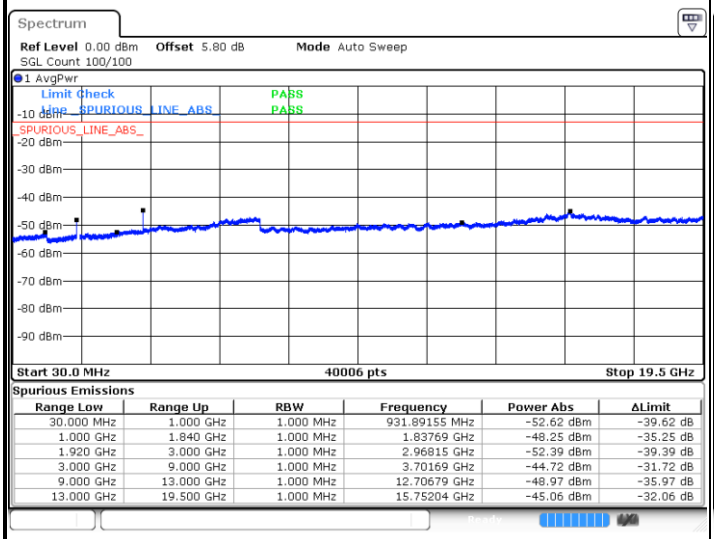

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 877.11394 MHz | -52.86 dBm | -39.86 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.83265 GHz | -53.32 dBm | -40.32 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.96311 GHz | -52.17 dBm | -39.17 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.80118 GHz | -45.13 dBm | -32.13 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.68179 GHz | -48.98 dBm | -35.98 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.74104 GHz | -44.95 dBm | -31.95 dB |

Date: 5.JUL.2019 11:32:40

## LTE Band 2 / 15MHz

### Lowest Channel / QPSK

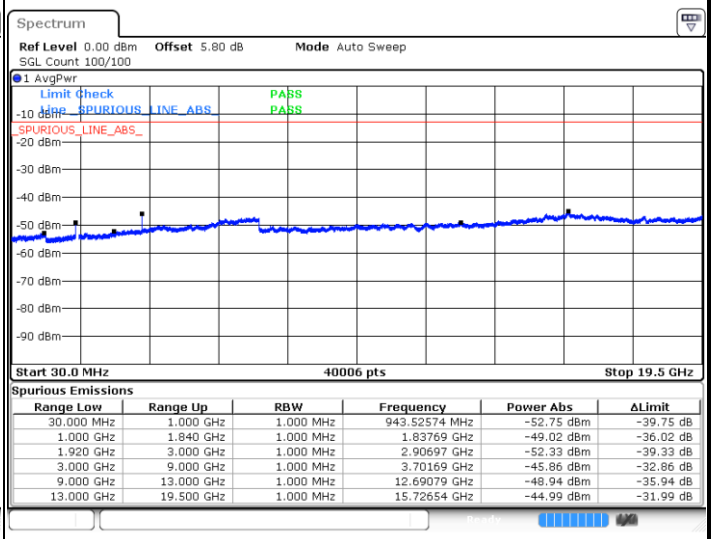



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 931.89155 MHz | -52.62 dBm | -39.62 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.83769 GHz | -48.25 dBm | -35.25 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.96815 GHz | -52.39 dBm | -39.39 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.70169 GHz | -44.72 dBm | -31.72 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.70679 GHz | -48.97 dBm | -35.97 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.75204 GHz | -45.06 dBm | -32.06 dB |

Date: 5.JUL.2019 11:38:45

### Lowest Channel / 16QAM

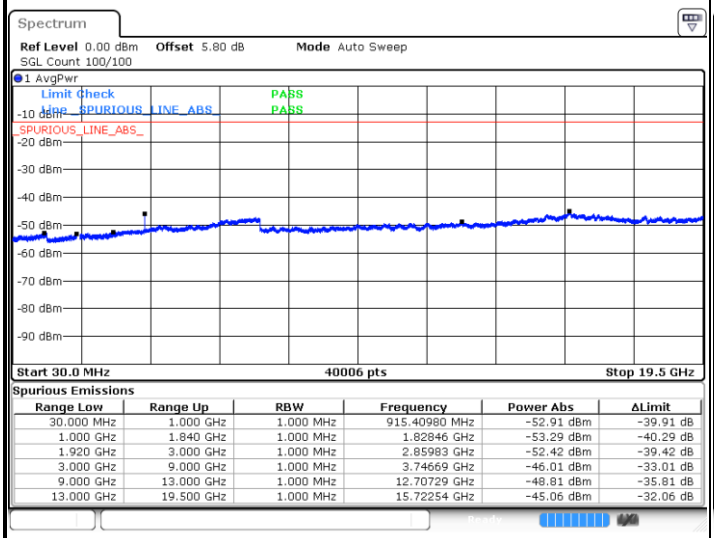



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 943.52574 MHz | -52.75 dBm | -39.75 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.83769 GHz | -49.02 dBm | -36.02 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.90697 GHz | -52.33 dBm | -39.33 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.70169 GHz | -45.86 dBm | -32.86 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.69079 GHz | -48.94 dBm | -35.94 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.72654 GHz | -44.99 dBm | -31.99 dB |

Date: 5.JUL.2019 11:39:40

### Middle Channel / QPSK

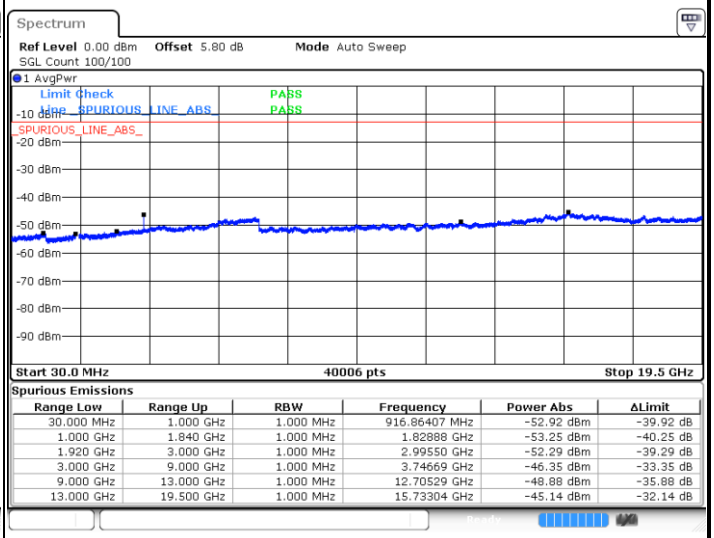



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 915.40980 MHz | -52.91 dBm | -39.91 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.82846 GHz | -53.29 dBm | -40.29 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.85983 GHz | -52.42 dBm | -39.42 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.74669 GHz | -46.01 dBm | -33.01 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.70729 GHz | -48.81 dBm | -35.81 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.72254 GHz | -45.06 dBm | -32.06 dB |

Date: 5.JUL.2019 11:41:15

### Middle Channel / 16QAM



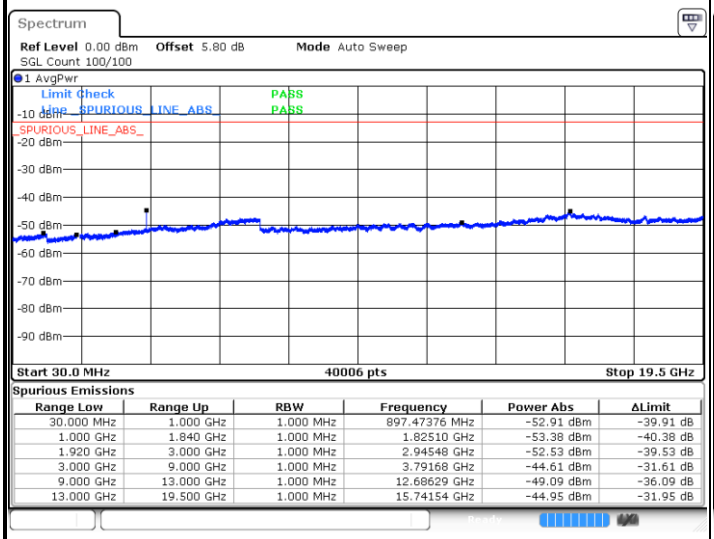

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 916.86407 MHz | -52.92 dBm | -39.92 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.82888 GHz | -53.25 dBm | -40.25 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.99550 GHz | -52.29 dBm | -39.29 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.74669 GHz | -46.35 dBm | -33.35 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.70529 GHz | -48.88 dBm | -35.88 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.73304 GHz | -45.14 dBm | -32.14 dB |

Date: 5.JUL.2019 11:42:10

## LTE Band 2 / 15MHz

### Highest Channel / QPSK

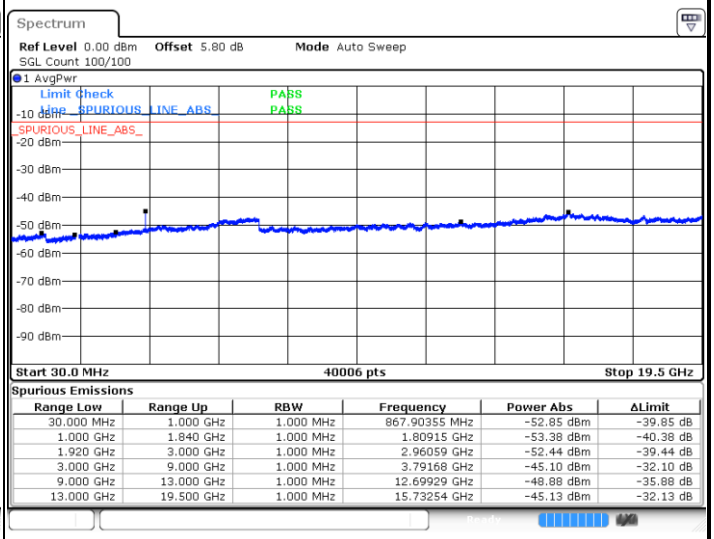



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 897.47376 MHz | -52.91 dBm | -39.91 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.82510 GHz | -53.38 dBm | -40.38 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.94548 GHz | -52.53 dBm | -39.53 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.79168 GHz | -44.61 dBm | -31.61 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.68629 GHz | -49.09 dBm | -36.09 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.74154 GHz | -44.95 dBm | -31.95 dB |

Date: 5.JUL.2019 11:48:15

### Highest Channel / 16QAM



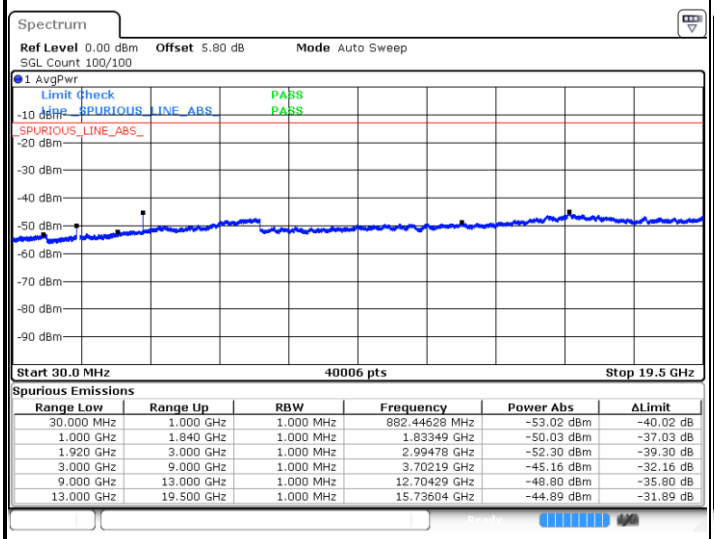

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 867.90355 MHz | -52.85 dBm | -39.85 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.80915 GHz | -53.38 dBm | -40.38 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.96059 GHz | -52.44 dBm | -39.44 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.79168 GHz | -45.10 dBm | -32.10 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.69929 GHz | -48.88 dBm | -35.88 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.73254 GHz | -45.13 dBm | -32.13 dB |

Date: 5.JUL.2019 11:49:10

## LTE Band 2 / 20MHz

### Lowest Channel / QPSK

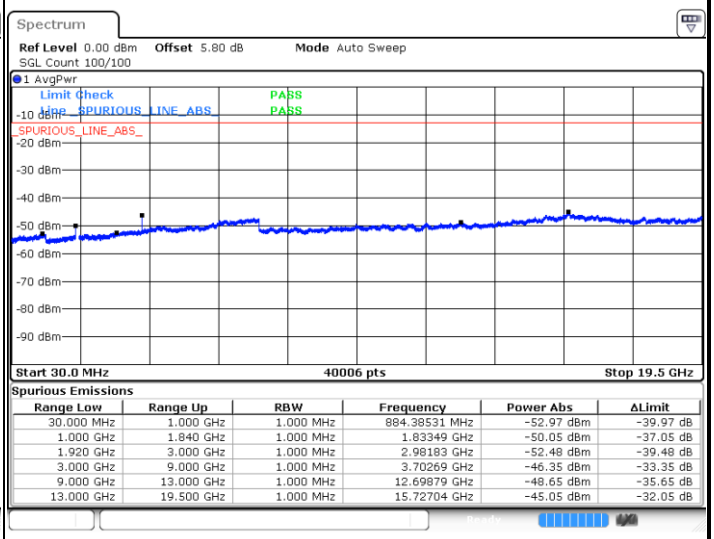



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 882.44628 MHz | -53.02 dBm | -40.02 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.83349 GHz | -50.03 dBm | -37.03 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.99478 GHz | -52.30 dBm | -39.30 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.70219 GHz | -45.16 dBm | -32.16 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.70429 GHz | -48.80 dBm | -35.80 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.73604 GHz | -44.89 dBm | -31.89 dB |

Date: 5.JUL.2019 11:55:15

### Lowest Channel / 16QAM



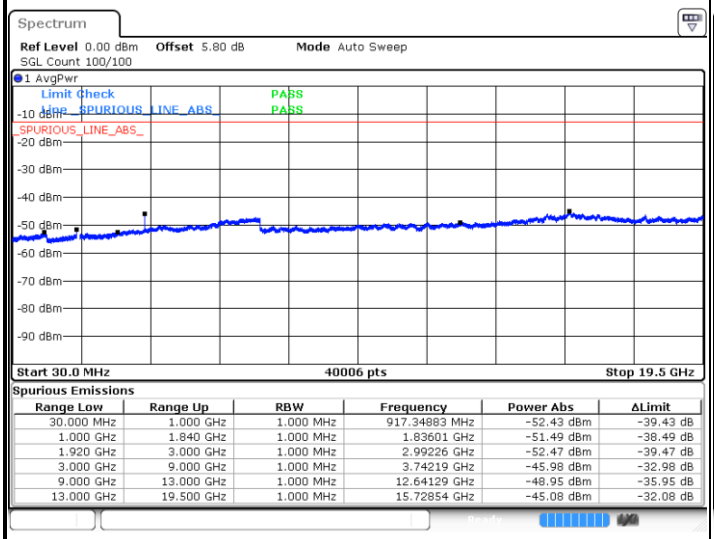

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 884.38531 MHz | -52.97 dBm | -39.97 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.83349 GHz | -50.05 dBm | -37.05 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.98183 GHz | -52.48 dBm | -39.48 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.70269 GHz | -46.35 dBm | -33.35 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.69879 GHz | -48.65 dBm | -35.65 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.72704 GHz | -45.05 dBm | -32.05 dB |

Date: 5.JUL.2019 11:56:10

## LTE Band 2 / 20MHz

### Middle Channel / QPSK

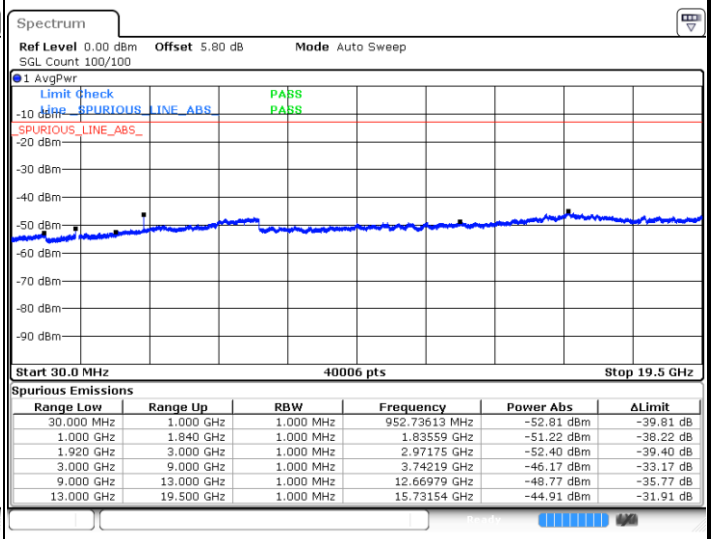



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 917.34883 MHz | -52.43 dBm | -39.43 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.83601 GHz | -51.49 dBm | -38.49 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.99226 GHz | -52.47 dBm | -39.47 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.74219 GHz | -45.98 dBm | -32.98 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.64129 GHz | -48.95 dBm | -35.95 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.72854 GHz | -45.08 dBm | -32.08 dB |

Date: 5.JUL.2019 11:57:45

### Middle Channel / 16QAM

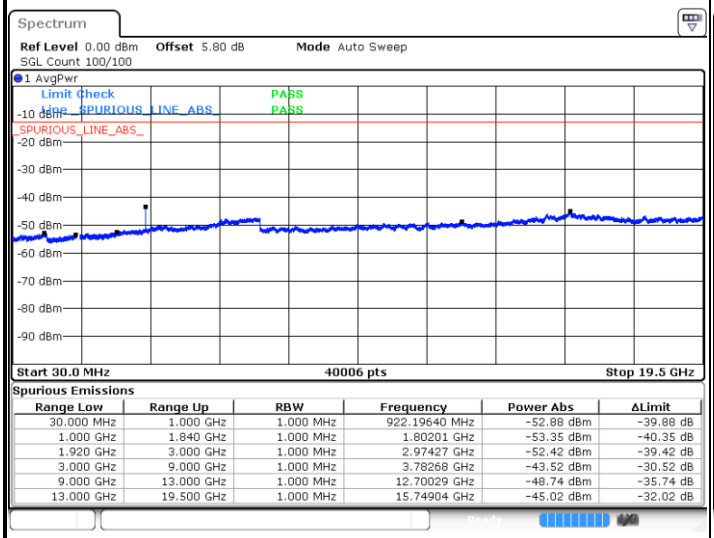



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 952.73613 MHz | -52.81 dBm | -39.81 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.83559 GHz | -51.22 dBm | -38.22 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.97175 GHz | -52.40 dBm | -39.40 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.74219 GHz | -46.17 dBm | -33.17 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.66979 GHz | -48.77 dBm | -35.77 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.73154 GHz | -44.91 dBm | -31.91 dB |

Date: 5.JUL.2019 11:58:40

### Highest Channel / QPSK

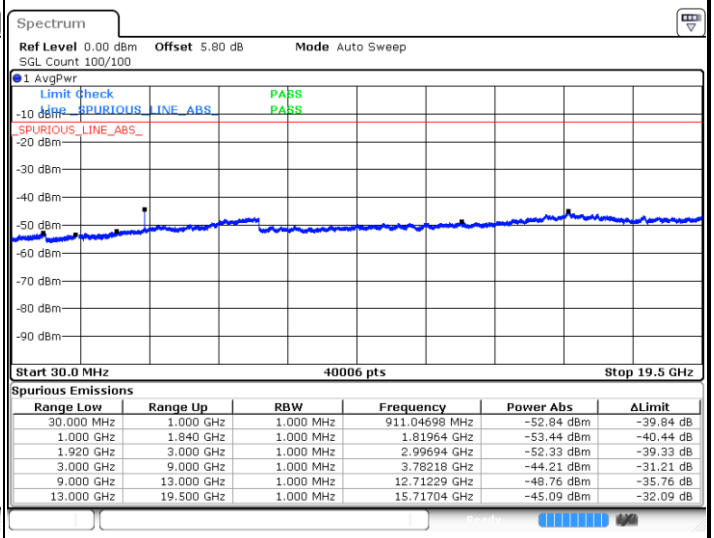



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 922.19640 MHz | -52.88 dBm | -39.88 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.80201 GHz | -53.35 dBm | -40.35 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.97427 GHz | -52.42 dBm | -39.42 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.78268 GHz | -43.52 dBm | -30.52 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.70029 GHz | -48.74 dBm | -35.74 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.74904 GHz | -45.02 dBm | -32.02 dB |

Date: 5.JUL.2019 12:04:45

### Highest Channel / 16QAM



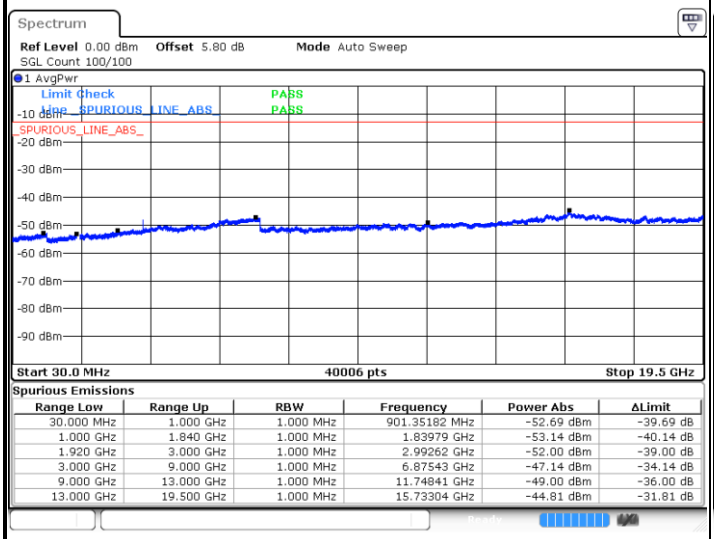

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 911.04698 MHz | -52.84 dBm | -39.84 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.81964 GHz | -53.44 dBm | -40.44 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.99694 GHz | -52.33 dBm | -39.33 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.78218 GHz | -44.21 dBm | -31.21 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.71229 GHz | -48.76 dBm | -35.76 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.71704 GHz | -45.09 dBm | -32.09 dB |

Date: 5.JUL.2019 12:05:40

## LTE Band 2 / 1.4MHz

### Lowest Channel / 64QAM

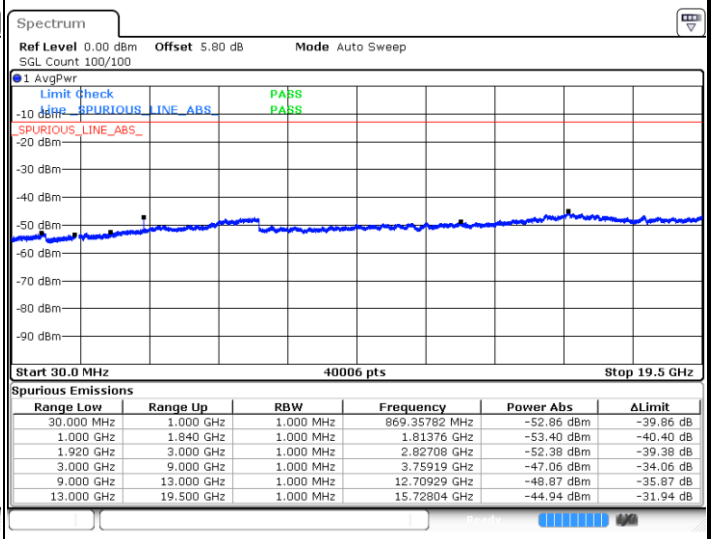



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 901.35182 MHz | -52.69 dBm | -39.69 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.83979 GHz | -53.14 dBm | -40.14 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.99262 GHz | -52.00 dBm | -39.00 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.87543 GHz | -47.14 dBm | -34.14 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 11.74841 GHz | -49.00 dBm | -36.00 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.73304 GHz | -44.81 dBm | -31.81 dB |

Date: 5.JUL.2019 12:39:37

### Middle Channel / 64QAM

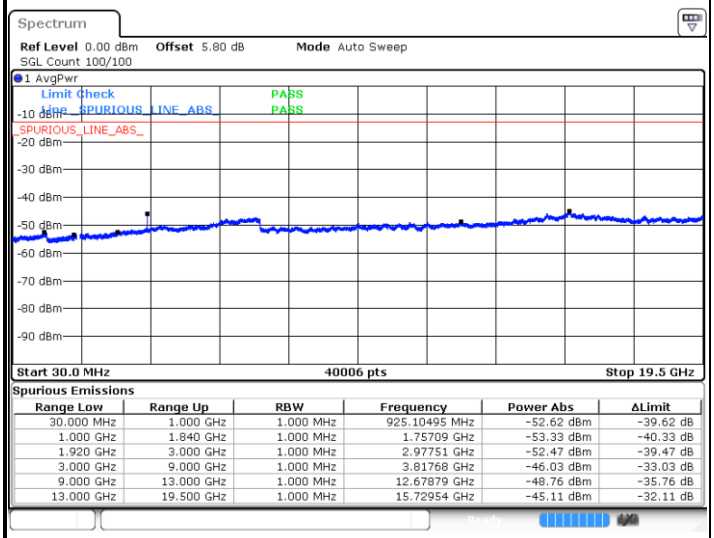



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 869.35782 MHz | -52.86 dBm | -39.86 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.81376 GHz | -53.40 dBm | -40.40 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.82708 GHz | -52.38 dBm | -39.38 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.75919 GHz | -47.06 dBm | -34.06 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.70929 GHz | -48.87 dBm | -35.87 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.72804 GHz | -44.94 dBm | -31.94 dB |

Date: 5.JUL.2019 12:40:32

### Highest Channel / 64QAM



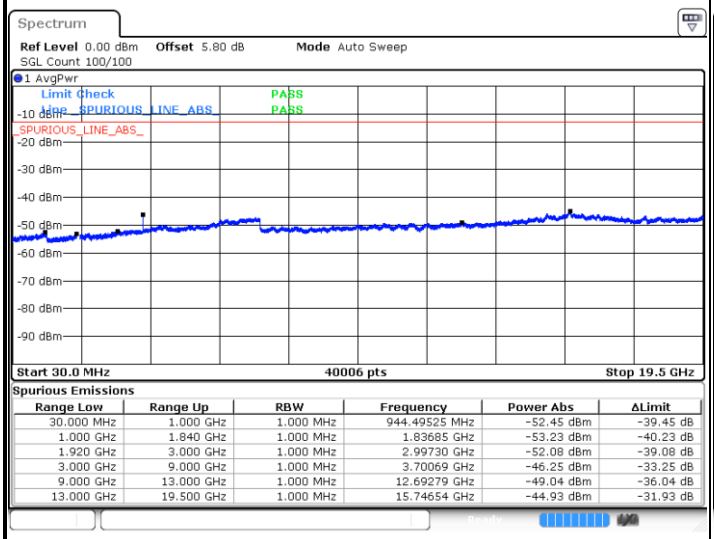

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 925.10495 MHz | -52.62 dBm | -39.62 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.75709 GHz | -53.33 dBm | -40.33 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.97751 GHz | -52.47 dBm | -39.47 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.81768 GHz | -46.03 dBm | -33.03 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.67879 GHz | -48.76 dBm | -35.76 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.72954 GHz | -45.11 dBm | -32.11 dB |

Date: 5.JUL.2019 12:41:27

## LTE Band 2 / 3MHz

### Lowest Channel / 64QAM

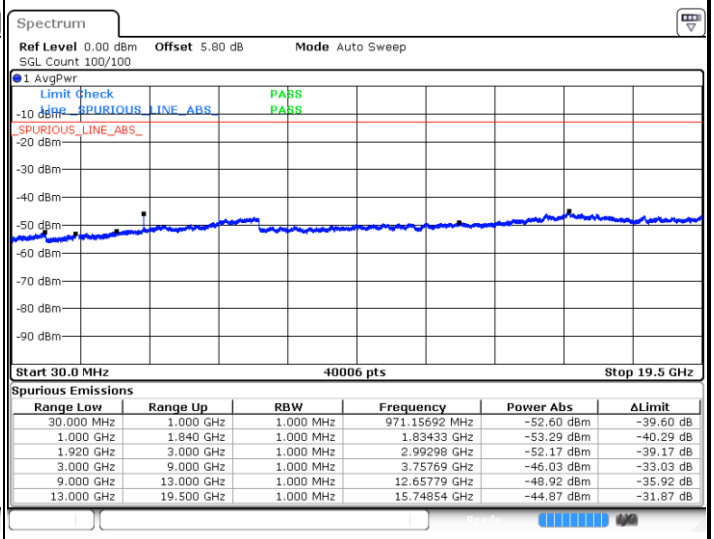



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 944.49525 MHz | -52.45 dBm | -39.45 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.83685 GHz | -53.23 dBm | -40.23 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.99730 GHz | -52.08 dBm | -39.08 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.70069 GHz | -46.25 dBm | -33.25 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.69279 GHz | -49.04 dBm | -36.04 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.74654 GHz | -44.93 dBm | -31.93 dB |

Date: 5.JUL.2019 12:42:22

### Middle Channel / 64QAM

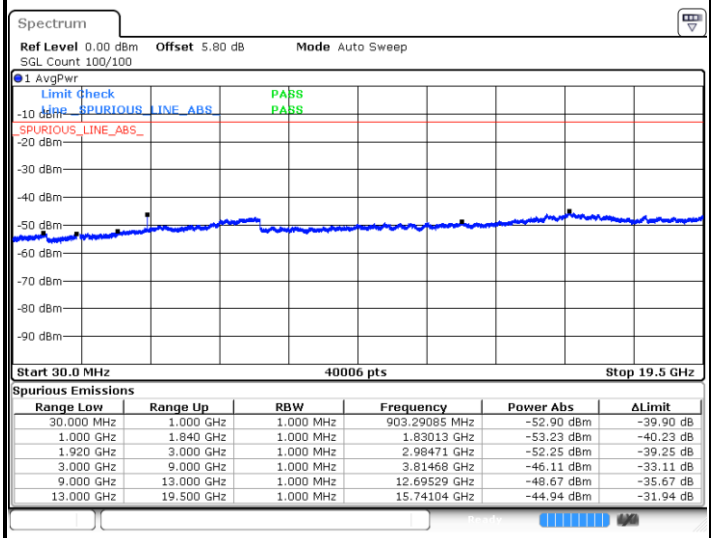



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 971.15692 MHz | -52.60 dBm | -39.60 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.83433 GHz | -53.29 dBm | -40.29 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.99298 GHz | -52.17 dBm | -39.17 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.75769 GHz | -46.03 dBm | -33.03 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.65779 GHz | -48.92 dBm | -35.92 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.74854 GHz | -44.87 dBm | -31.87 dB |

Date: 5.JUL.2019 12:43:17

### Highest Channel / 64QAM



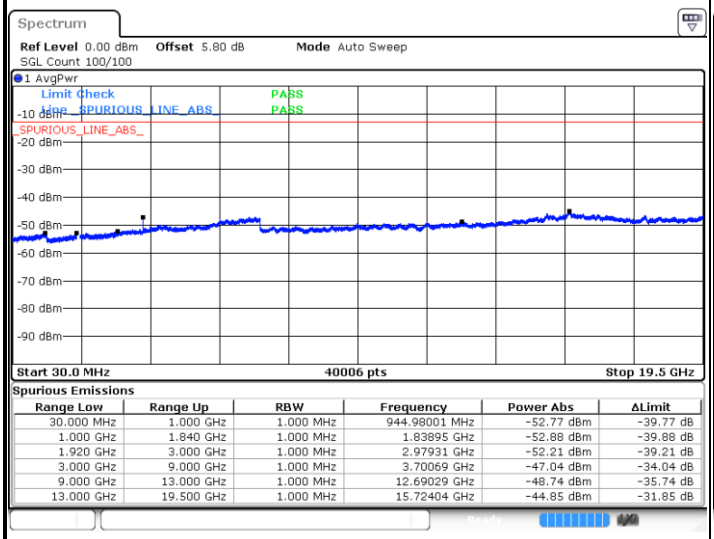

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 903.29085 MHz | -52.90 dBm | -39.90 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.83013 GHz | -53.23 dBm | -40.23 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.98471 GHz | -52.25 dBm | -39.25 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.81468 GHz | -46.11 dBm | -33.11 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.69529 GHz | -48.67 dBm | -35.67 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.74104 GHz | -44.94 dBm | -31.94 dB |

Date: 5.JUL.2019 12:44:11

## LTE Band 2 / 5MHz

### Lowest Channel / 64QAM

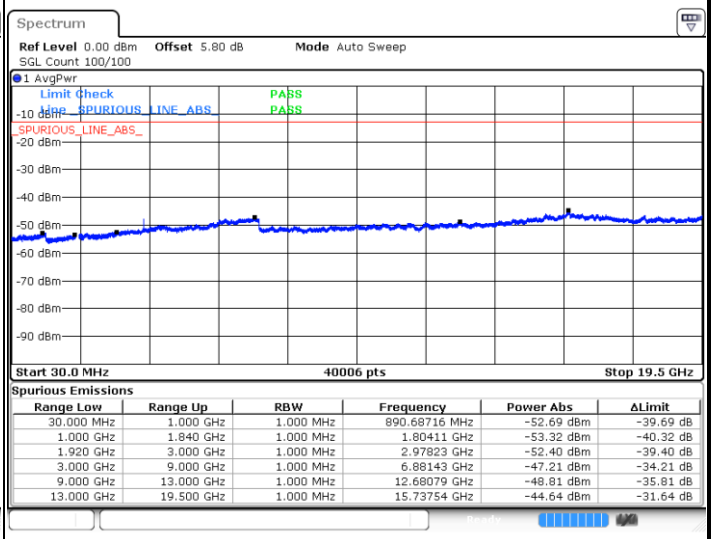



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 944.98001 MHz | -52.77 dBm | -39.77 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.83895 GHz | -52.88 dBm | -39.88 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.97931 GHz | -52.21 dBm | -39.21 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.70069 GHz | -47.04 dBm | -34.04 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.69029 GHz | -48.74 dBm | -35.74 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.72404 GHz | -44.85 dBm | -31.85 dB |

Date: 5.JUL.2019 12:45:06

### Middle Channel / 64QAM

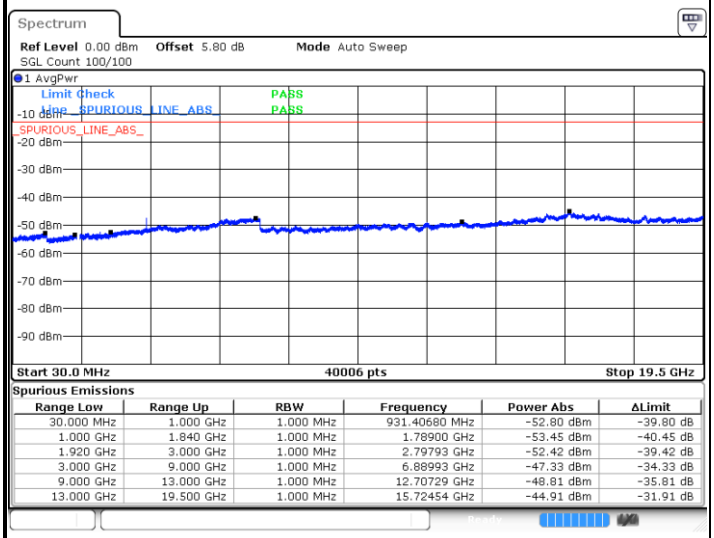



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 890.68716 MHz | -52.69 dBm | -39.69 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.80411 GHz | -53.32 dBm | -40.32 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.97823 GHz | -52.40 dBm | -39.40 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.88143 GHz | -47.21 dBm | -34.21 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.68079 GHz | -48.81 dBm | -35.81 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.73754 GHz | -44.64 dBm | -31.64 dB |

Date: 5.JUL.2019 12:46:01

### Highest Channel / 64QAM



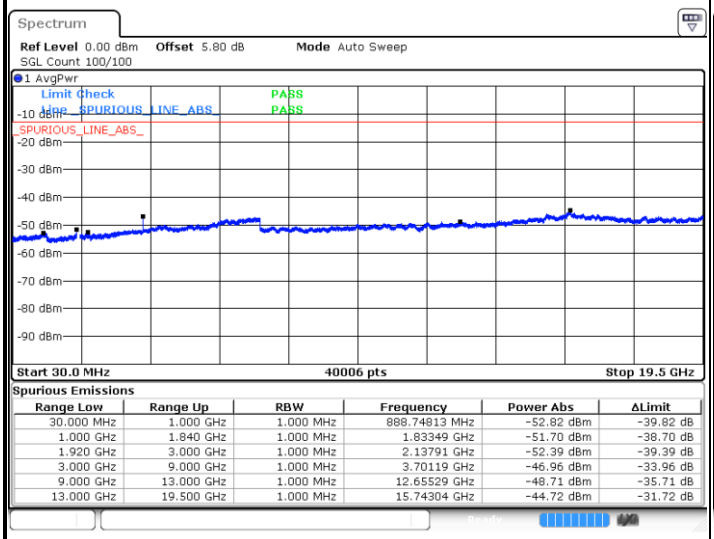

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 931.40680 MHz | -52.80 dBm | -39.80 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.78900 GHz | -53.45 dBm | -40.45 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.79793 GHz | -52.42 dBm | -39.42 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.88993 GHz | -47.33 dBm | -34.33 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.70729 GHz | -48.81 dBm | -35.81 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.72454 GHz | -44.91 dBm | -31.91 dB |

Date: 5.JUL.2019 12:46:56

## LTE Band 2 / 10MHz

### Lowest Channel / 64QAM

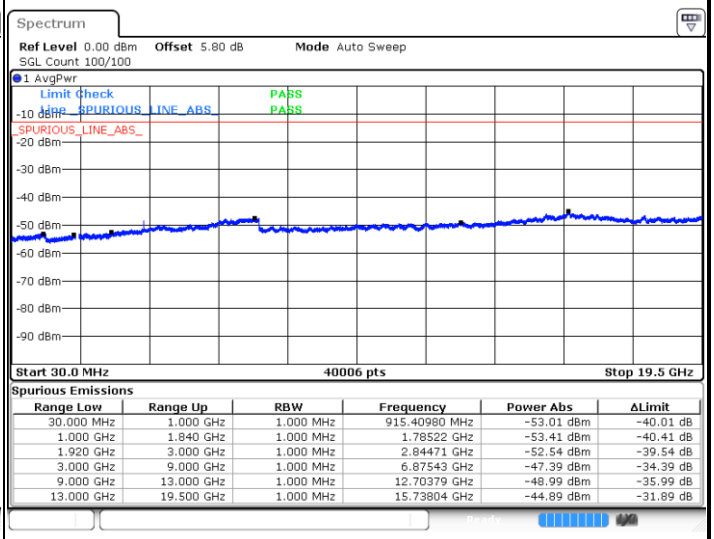



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 888.74813 MHz | -52.82 dBm | -39.82 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.83349 GHz | -51.70 dBm | -38.70 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.13791 GHz | -52.39 dBm | -39.39 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.70119 GHz | -46.96 dBm | -33.96 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.65529 GHz | -48.71 dBm | -35.71 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.74304 GHz | -44.72 dBm | -31.72 dB |

Date: 5.JUL.2019 12:47:50

### Middle Channel / 64QAM

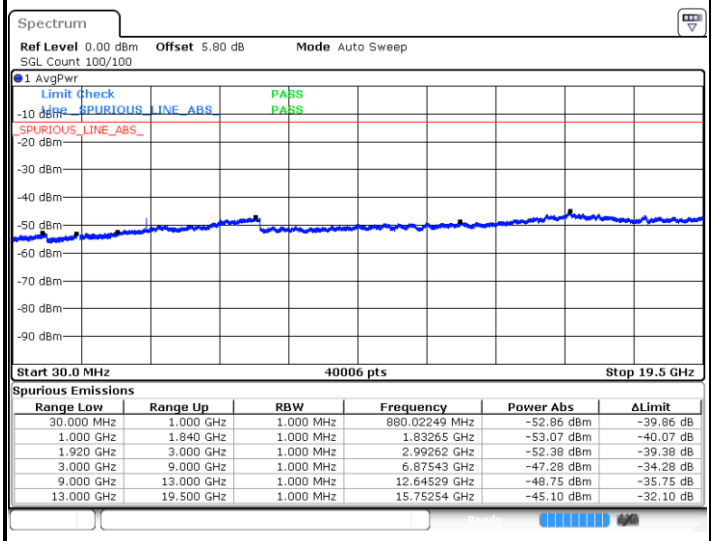



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 915.40980 MHz | -53.01 dBm | -40.01 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.78522 GHz | -53.41 dBm | -40.41 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.84471 GHz | -52.54 dBm | -39.54 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.87543 GHz | -47.39 dBm | -34.39 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.70379 GHz | -48.99 dBm | -35.99 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.73804 GHz | -44.89 dBm | -31.89 dB |

Date: 5.JUL.2019 12:48:45

### Highest Channel / 64QAM



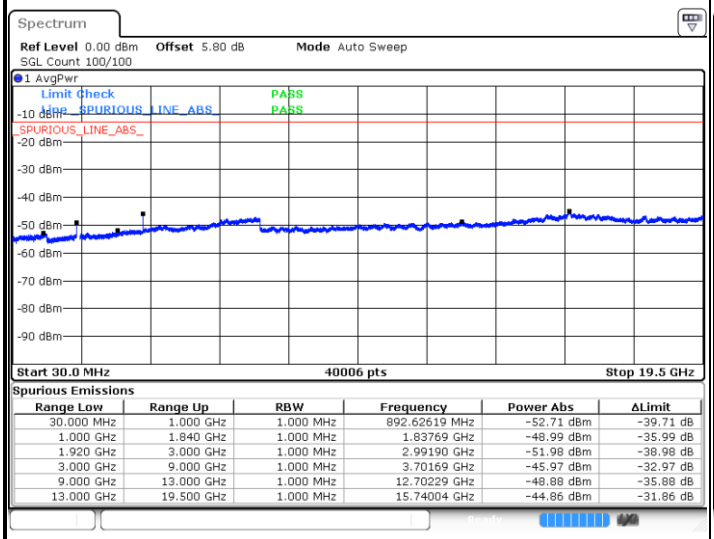

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 880.02249 MHz | -52.86 dBm | -39.86 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.83265 GHz | -53.07 dBm | -40.07 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.99262 GHz | -52.38 dBm | -39.38 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.87543 GHz | -47.28 dBm | -34.28 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.64529 GHz | -48.75 dBm | -35.75 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.75254 GHz | -45.10 dBm | -32.10 dB |

Date: 5.JUL.2019 12:49:40

## LTE Band 2 / 15MHz

### Lowest Channel / 64QAM

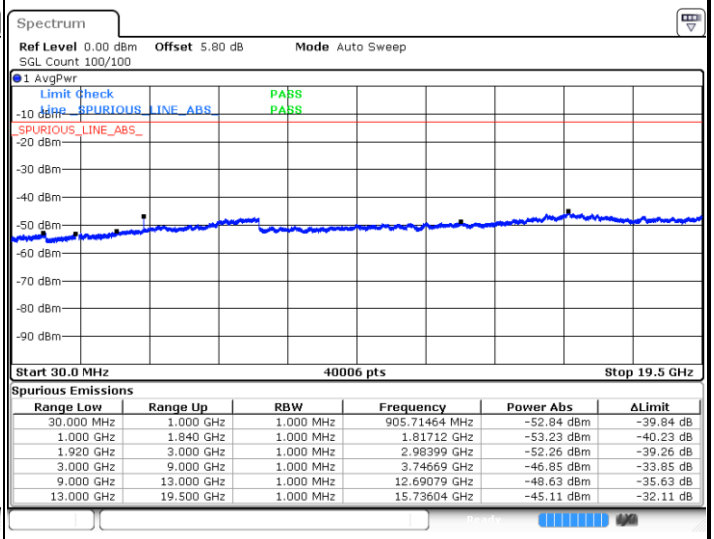



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 892.62619 MHz | -52.71 dBm | -39.71 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.83769 GHz | -48.99 dBm | -35.99 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.99190 GHz | -51.98 dBm | -38.98 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.70169 GHz | -45.97 dBm | -32.97 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.70229 GHz | -48.88 dBm | -35.88 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.74004 GHz | -44.86 dBm | -31.86 dB |

Date: 5.JUL.2019 12:50:35

### Middle Channel / 64QAM

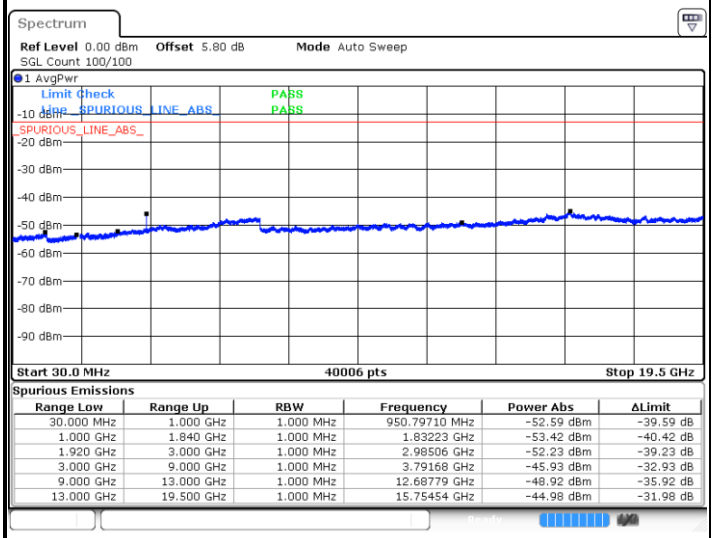



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 905.71464 MHz | -52.84 dBm | -39.84 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.81712 GHz | -53.23 dBm | -40.23 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.98399 GHz | -52.26 dBm | -39.26 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.74669 GHz | -46.85 dBm | -33.85 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.69079 GHz | -48.63 dBm | -35.63 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.73604 GHz | -45.11 dBm | -32.11 dB |

Date: 5.JUL.2019 12:51:30

### Highest Channel / 64QAM



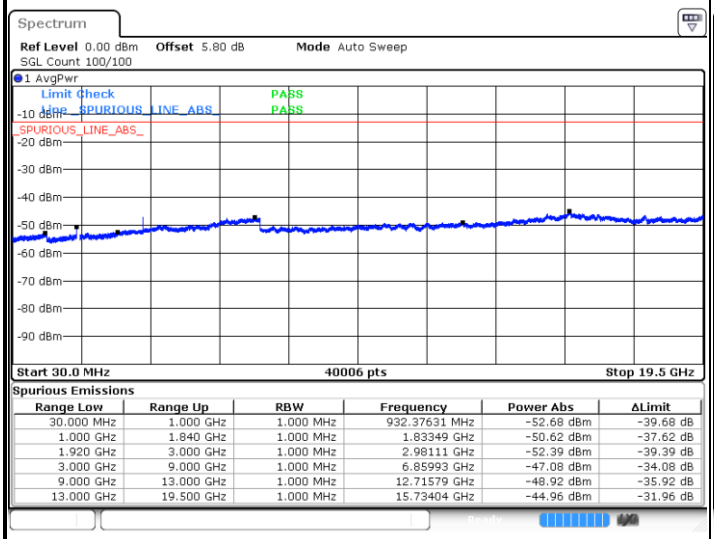

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 950.79710 MHz | -52.59 dBm | -39.59 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.83223 GHz | -53.42 dBm | -40.42 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.98506 GHz | -52.23 dBm | -39.23 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.79168 GHz | -45.93 dBm | -32.93 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.68779 GHz | -48.92 dBm | -35.92 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.75454 GHz | -44.98 dBm | -31.98 dB |

Date: 5.JUL.2019 12:52:24

## LTE Band 2 / 20MHz

### Lowest Channel / 64QAM

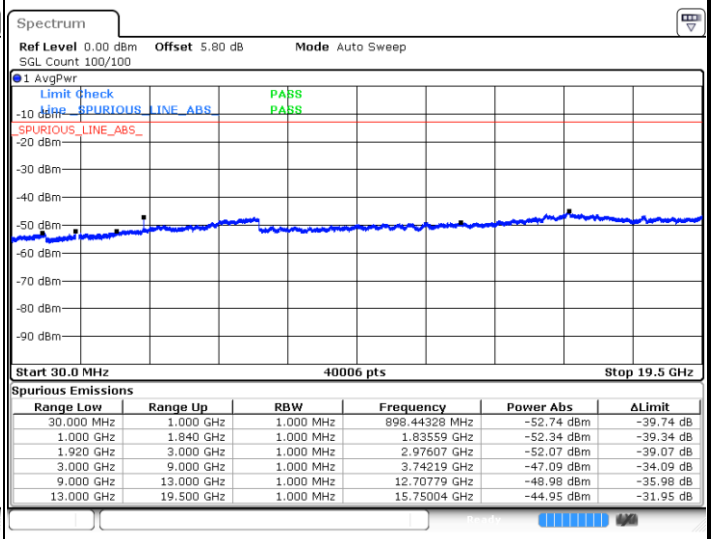



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 932.37631 MHz | -52.68 dBm | -39.68 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.83349 GHz | -50.62 dBm | -37.62 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.98111 GHz | -52.39 dBm | -39.39 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.85993 GHz | -47.08 dBm | -34.08 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.71579 GHz | -48.92 dBm | -35.92 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.73404 GHz | -44.96 dBm | -31.96 dB |

Date: 5.JUL.2019 12:53:19

### Middle Channel / 64QAM

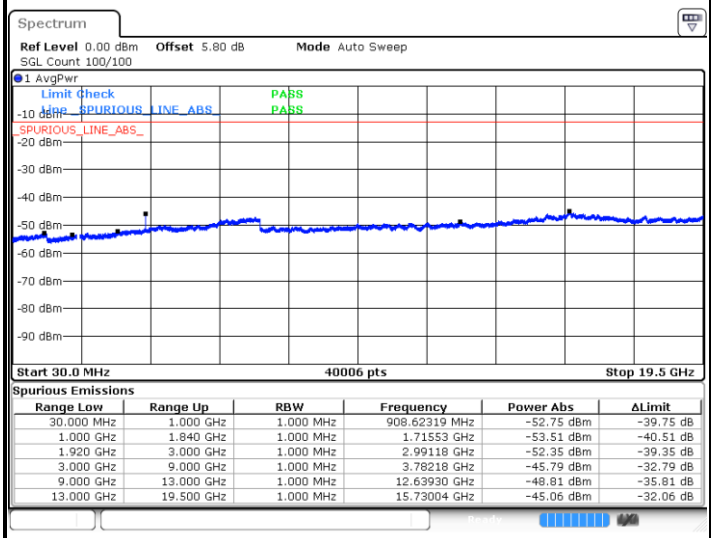



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 898.44328 MHz | -52.74 dBm | -39.74 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.83559 GHz | -52.34 dBm | -39.34 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.97607 GHz | -52.07 dBm | -39.07 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.74219 GHz | -47.09 dBm | -34.09 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.70779 GHz | -48.98 dBm | -35.98 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.75004 GHz | -44.95 dBm | -31.95 dB |

Date: 5.JUL.2019 12:54:14

### Highest Channel / 64QAM



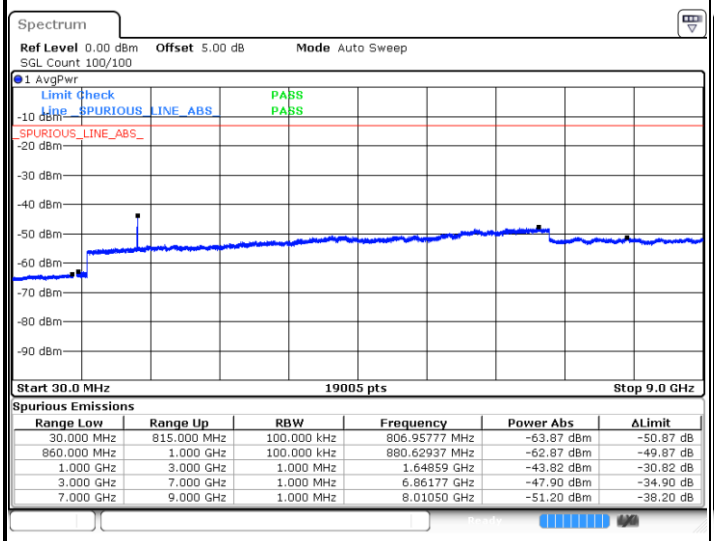

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 908.62319 MHz | -52.75 dBm | -39.75 dB |
| 1.000 GHz | 1.840 GHz | 1.000 MHz | 1.71553 GHz | -53.51 dBm | -40.51 dB |
| 1.920 GHz | 3.000 GHz | 1.000 MHz | 2.99118 GHz | -52.35 dBm | -39.35 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 3.78218 GHz | -45.79 dBm | -32.79 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.63930 GHz | -48.81 dBm | -35.81 dB |
| 13.000 GHz | 19.500 GHz | 1.000 MHz | 15.73004 GHz | -45.06 dBm | -32.06 dB |

Date: 5.JUL.2019 12:55:09

## LTE Band 5 / 1.4MHz

### Lowest Channel / QPSK

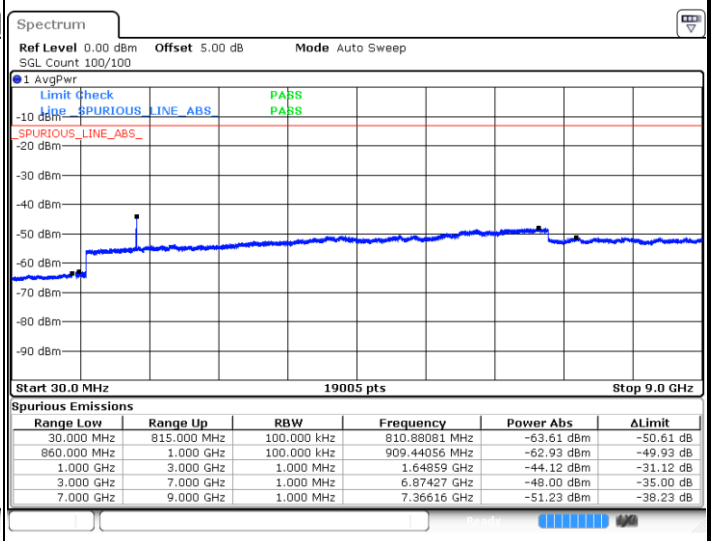



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 815.000 MHz | 100.000 kHz | 806.95777 MHz | -63.87 dBm | -50.87 dB |
| 860.000 MHz | 1.000 GHz | 100.000 kHz | 880.62937 MHz | -62.87 dBm | -49.87 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.64859 GHz | -43.82 dBm | -30.82 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.86177 GHz | -47.90 dBm | -34.90 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 8.01050 GHz | -51.20 dBm | -38.20 dB |

Date: 5.JUL.2019 14:09:10

### Lowest Channel / 16QAM

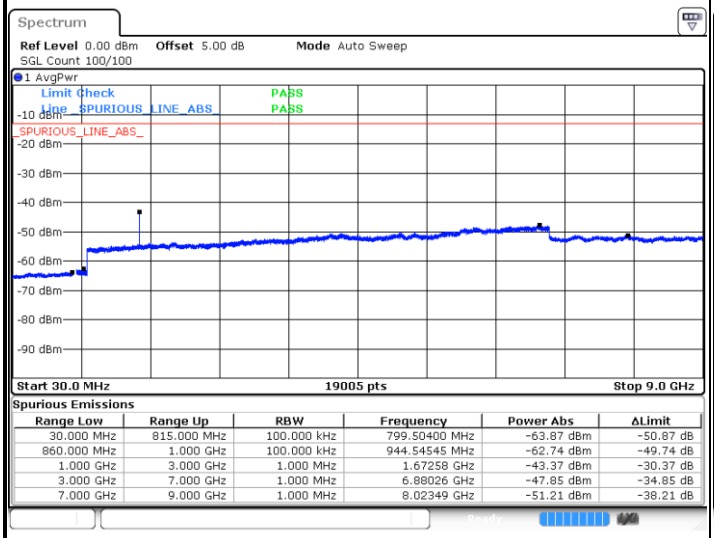



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 815.000 MHz | 100.000 kHz | 810.88081 MHz | -63.61 dBm | -50.61 dB |
| 860.000 MHz | 1.000 GHz | 100.000 kHz | 909.44056 MHz | -62.93 dBm | -49.93 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.64859 GHz | -44.12 dBm | -31.12 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.87427 GHz | -48.00 dBm | -35.00 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.36616 GHz | -51.23 dBm | -38.23 dB |

Date: 5.JUL.2019 14:10:04

### Middle Channel / QPSK

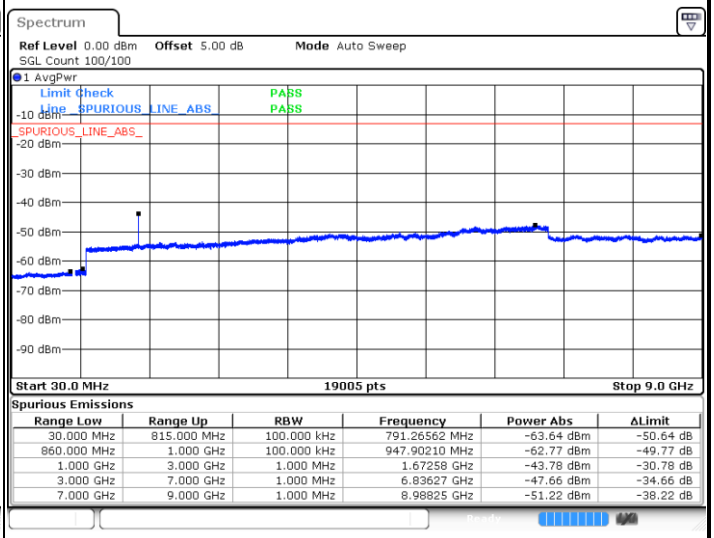



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 815.000 MHz | 100.000 kHz | 799.50400 MHz | -63.87 dBm | -50.87 dB |
| 860.000 MHz | 1.000 GHz | 100.000 kHz | 944.54545 MHz | -62.74 dBm | -49.74 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.67258 GHz | -43.37 dBm | -30.37 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.88026 GHz | -47.85 dBm | -34.85 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 8.02349 GHz | -51.21 dBm | -38.21 dB |

Date: 5.JUL.2019 14:11:39

### Middle Channel / 16QAM



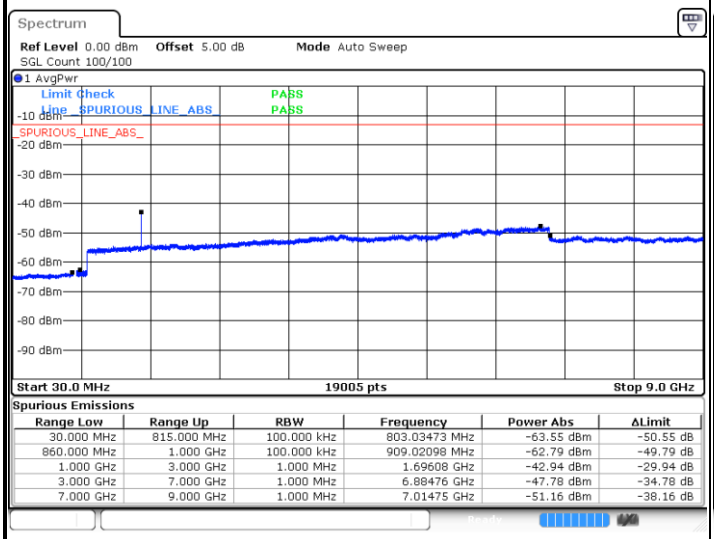

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 815.000 MHz | 100.000 kHz | 791.26562 MHz | -63.64 dBm | -50.64 dB |
| 860.000 MHz | 1.000 GHz | 100.000 kHz | 947.90210 MHz | -62.77 dBm | -49.77 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.67258 GHz | -43.78 dBm | -30.78 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.83627 GHz | -47.66 dBm | -34.66 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 8.98825 GHz | -51.22 dBm | -38.22 dB |

Date: 5.JUL.2019 19:16:52

## LTE Band 5 / 1.4MHz

### Highest Channel / QPSK

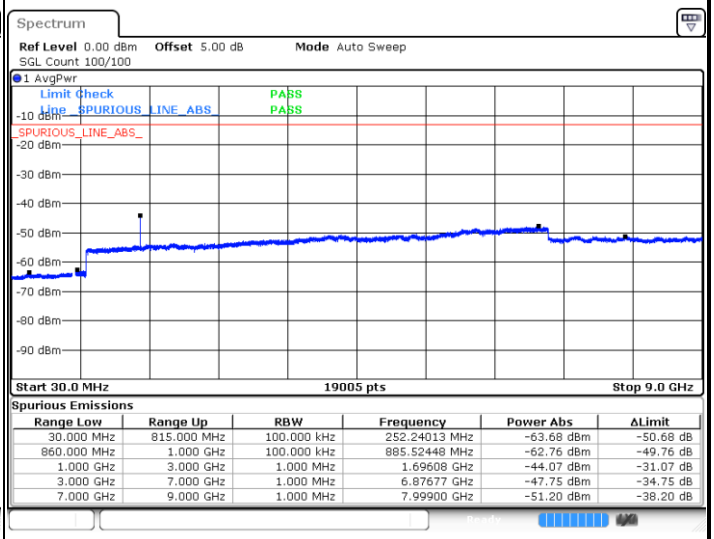



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 815.000 MHz | 100.000 kHz | 803.03473 MHz | -63.55 dBm | -50.55 dB |
| 860.000 MHz | 1.000 GHz | 100.000 kHz | 909.02098 MHz | -62.79 dBm | -49.79 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.69608 GHz | -42.94 dBm | -29.94 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.88476 GHz | -47.78 dBm | -34.78 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.01475 GHz | -51.16 dBm | -38.16 dB |

Date: 5.JUL.2019 19:24:57

### Highest Channel / 16QAM



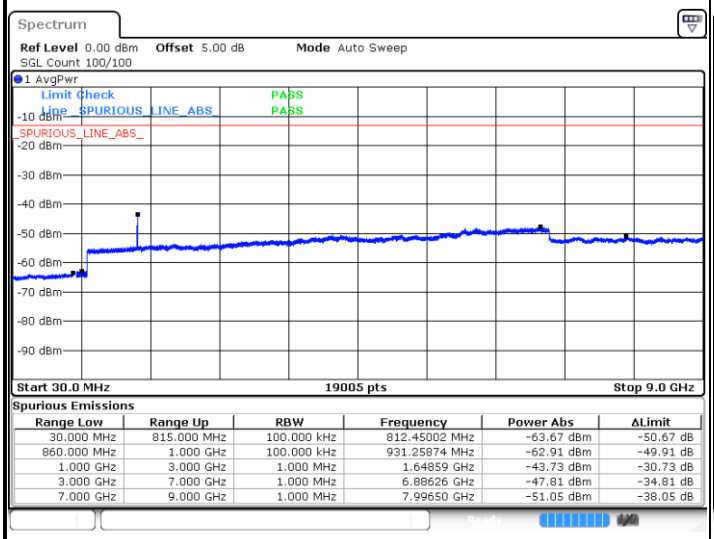

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 815.000 MHz | 100.000 kHz | 252.24013 MHz | -63.68 dBm | -50.68 dB |
| 860.000 MHz | 1.000 GHz | 100.000 kHz | 885.52448 MHz | -62.76 dBm | -49.76 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.69608 GHz | -44.07 dBm | -31.07 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.87677 GHz | -47.75 dBm | -34.75 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.99900 GHz | -51.20 dBm | -38.20 dB |

Date: 5.JUL.2019 19:25:52

## LTE Band 5 / 3MHz

### Lowest Channel / QPSK

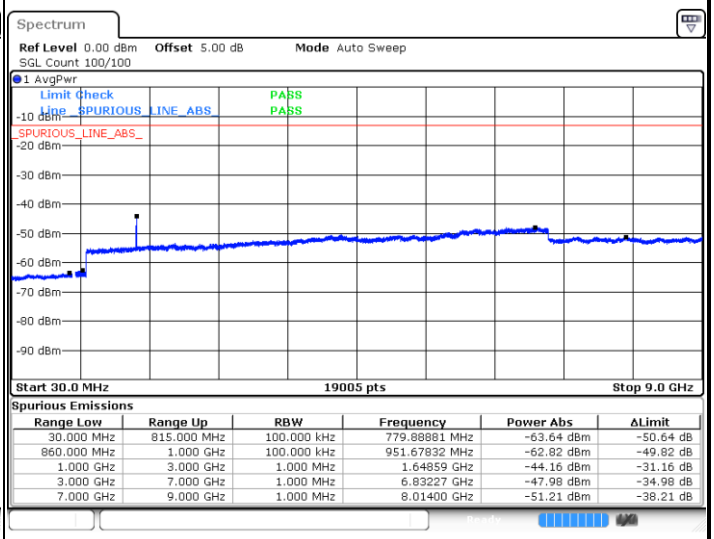



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 815.000 MHz | 100.000 kHz | 812.45002 MHz | -63.67 dBm | -50.67 dB |
| 860.000 MHz | 1.000 GHz | 100.000 kHz | 931.25874 MHz | -62.91 dBm | -49.91 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.64859 GHz | -43.73 dBm | -30.73 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.88626 GHz | -47.81 dBm | -34.81 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.99650 GHz | -51.05 dBm | -38.05 dB |

Date: 5.JUL.2019 19:33:57

### Lowest Channel / 16QAM



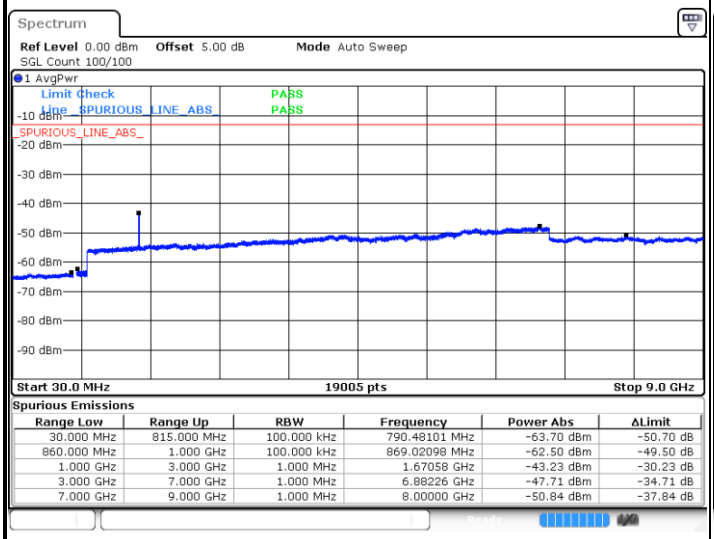

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 815.000 MHz | 100.000 kHz | 779.88881 MHz | -63.64 dBm | -50.64 dB |
| 860.000 MHz | 1.000 GHz | 100.000 kHz | 951.67832 MHz | -62.82 dBm | -49.82 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.64859 GHz | -44.16 dBm | -31.16 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.83227 GHz | -47.98 dBm | -34.98 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 8.01400 GHz | -51.21 dBm | -38.21 dB |

Date: 5.JUL.2019 19:34:51

## LTE Band 5 / 3MHz

### Middle Channel / QPSK

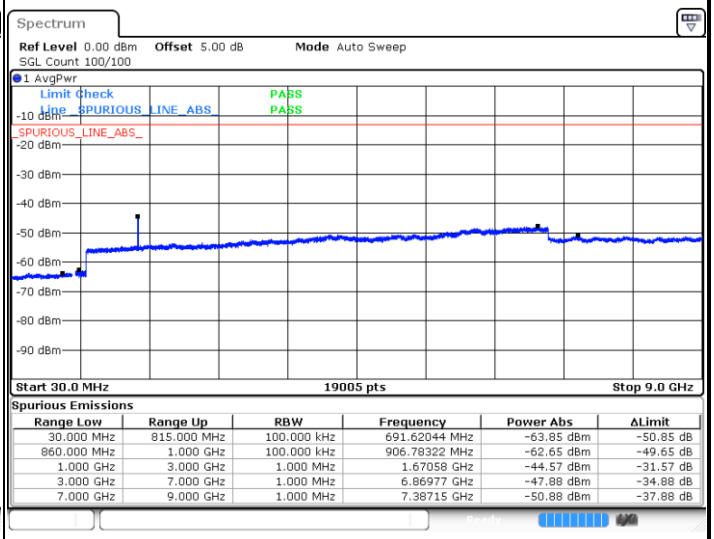



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 815.000 MHz | 100.000 kHz | 790.48101 MHz | -63.70 dBm | -50.70 dB |
| 860.000 MHz | 1.000 GHz | 100.000 kHz | 869.02098 MHz | -62.50 dBm | -49.50 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.67058 GHz | -43.23 dBm | -30.23 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.88226 GHz | -47.71 dBm | -34.71 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 8.00000 GHz | -50.84 dBm | -37.84 dB |

Date: 5.JUL.2019 19:36:26

### Middle Channel / 16QAM

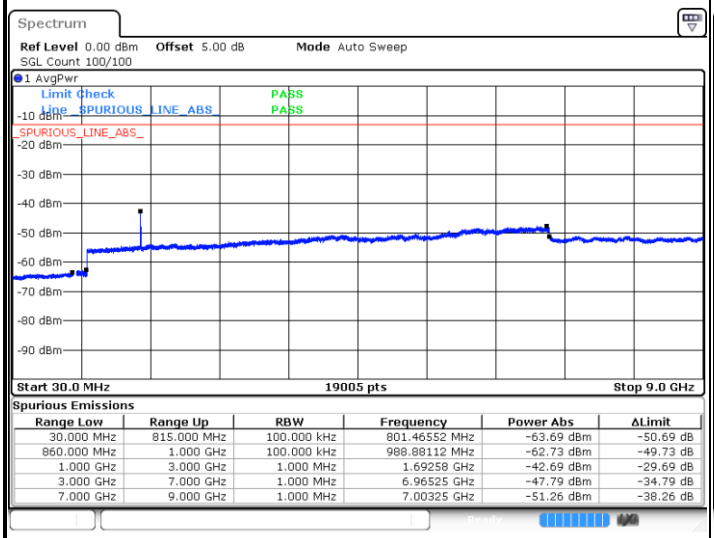



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 815.000 MHz | 100.000 kHz | 691.62044 MHz | -63.85 dBm | -50.85 dB |
| 860.000 MHz | 1.000 GHz | 100.000 kHz | 906.78322 MHz | -62.65 dBm | -49.65 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.67058 GHz | -44.57 dBm | -31.57 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.86977 GHz | -47.88 dBm | -34.88 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.38715 GHz | -50.88 dBm | -37.88 dB |

Date: 5.JUL.2019 19:37:21

### Highest Channel / QPSK

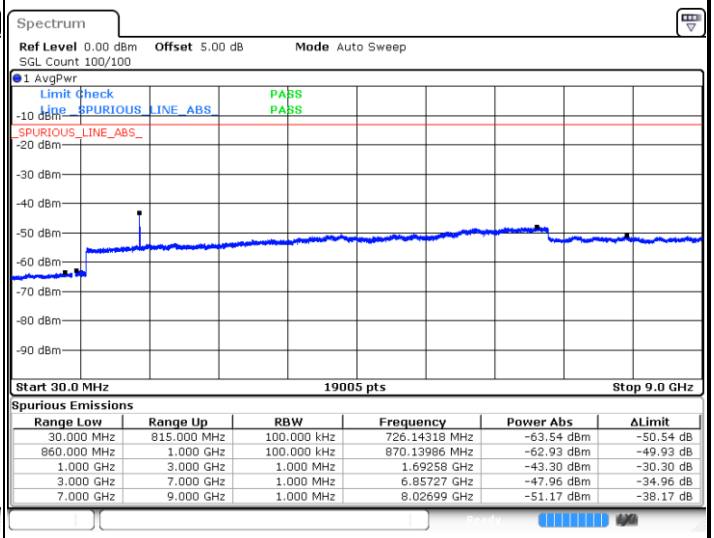



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 815.000 MHz | 100.000 kHz | 801.46552 MHz | -63.69 dBm | -50.69 dB |
| 860.000 MHz | 1.000 GHz | 100.000 kHz | 988.88112 MHz | -62.73 dBm | -49.73 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.69258 GHz | -42.69 dBm | -29.69 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.96525 GHz | -47.79 dBm | -34.79 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.00325 GHz | -51.26 dBm | -38.26 dB |

Date: 5.JUL.2019 19:45:25

### Highest Channel / 16QAM



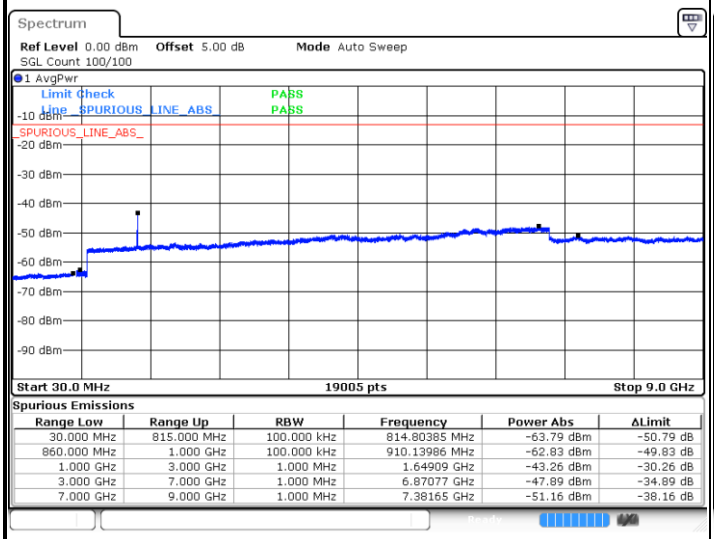

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 815.000 MHz | 100.000 kHz | 726.14318 MHz | -63.54 dBm | -50.54 dB |
| 860.000 MHz | 1.000 GHz | 100.000 kHz | 870.13986 MHz | -62.93 dBm | -49.93 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.69258 GHz | -43.30 dBm | -30.30 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.85727 GHz | -47.96 dBm | -34.96 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 8.02699 GHz | -51.17 dBm | -38.17 dB |

Date: 5.JUL.2019 19:46:20

## LTE Band 5 / 5MHz

### Lowest Channel / QPSK

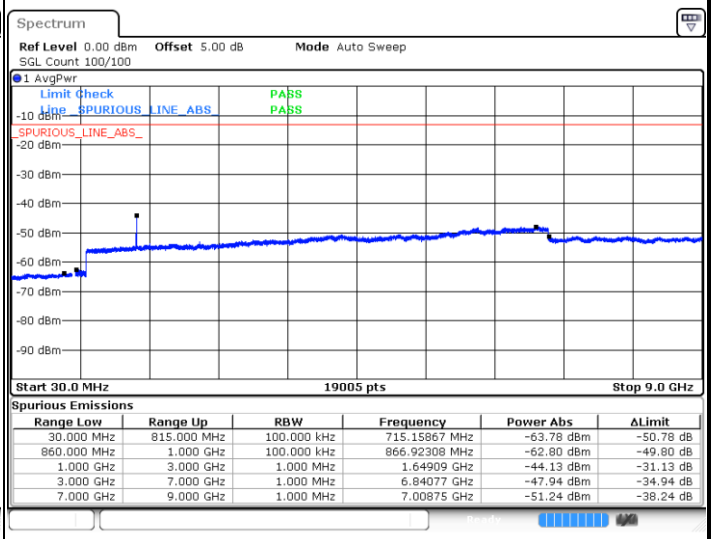



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 815.000 MHz | 100.000 kHz | 814.80385 MHz | -63.79 dBm | -50.79 dB |
| 860.000 MHz | 1.000 GHz | 100.000 kHz | 910.13986 MHz | -62.83 dBm | -49.83 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.64909 GHz | -43.26 dBm | -30.26 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.87077 GHz | -47.89 dBm | -34.89 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.38165 GHz | -51.16 dBm | -38.16 dB |

Date: 5.JUL.2019 19:54:24

### Lowest Channel / 16QAM

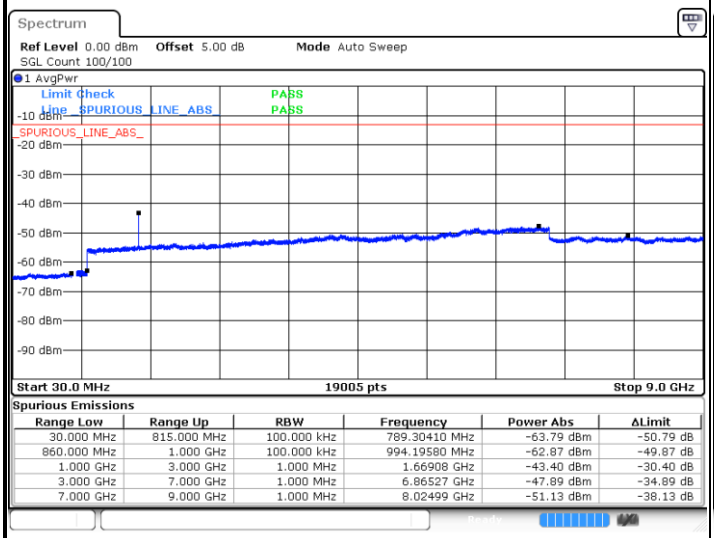



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 815.000 MHz | 100.000 kHz | 715.15867 MHz | -63.78 dBm | -50.78 dB |
| 860.000 MHz | 1.000 GHz | 100.000 kHz | 866.92308 MHz | -62.80 dBm | -49.80 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.64909 GHz | -44.13 dBm | -31.13 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.84077 GHz | -47.94 dBm | -34.94 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.00875 GHz | -51.24 dBm | -38.24 dB |

Date: 5.JUL.2019 19:55:19

### Middle Channel / QPSK

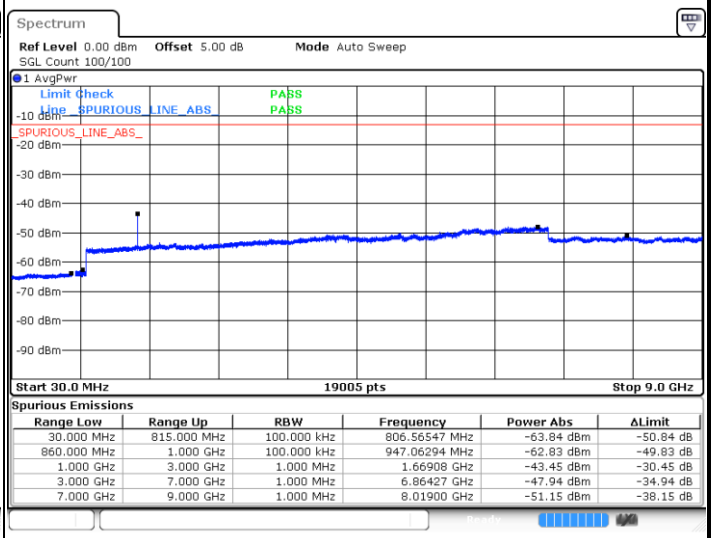



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 815.000 MHz | 100.000 kHz | 789.30410 MHz | -63.79 dBm | -50.79 dB |
| 860.000 MHz | 1.000 GHz | 100.000 kHz | 994.19580 MHz | -62.87 dBm | -49.87 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.66908 GHz | -43.40 dBm | -30.40 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.86527 GHz | -47.89 dBm | -34.89 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 8.02499 GHz | -51.13 dBm | -38.13 dB |

Date: 5.JUL.2019 19:56:54

### Middle Channel / 16QAM



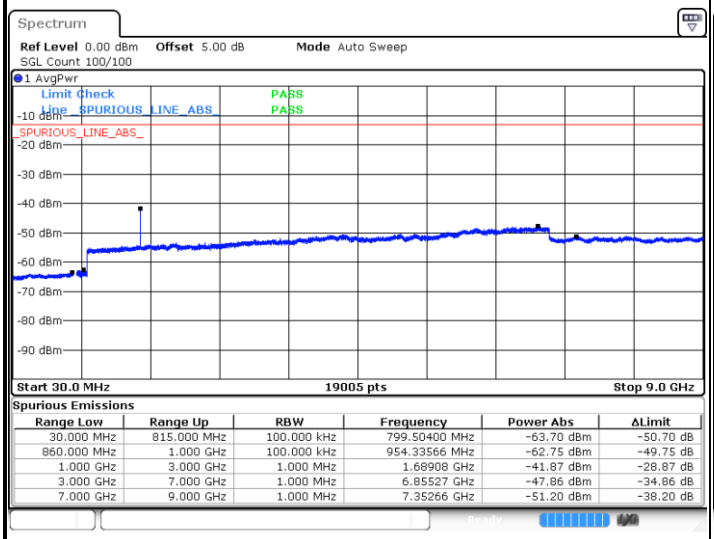

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 815.000 MHz | 100.000 kHz | 806.56547 MHz | -63.84 dBm | -50.84 dB |
| 860.000 MHz | 1.000 GHz | 100.000 kHz | 947.06294 MHz | -62.83 dBm | -49.83 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.66908 GHz | -43.45 dBm | -30.45 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.86427 GHz | -47.94 dBm | -34.94 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 8.01900 GHz | -51.15 dBm | -38.15 dB |

Date: 5.JUL.2019 19:57:49

## LTE Band 5 / 5MHz

### Highest Channel / QPSK

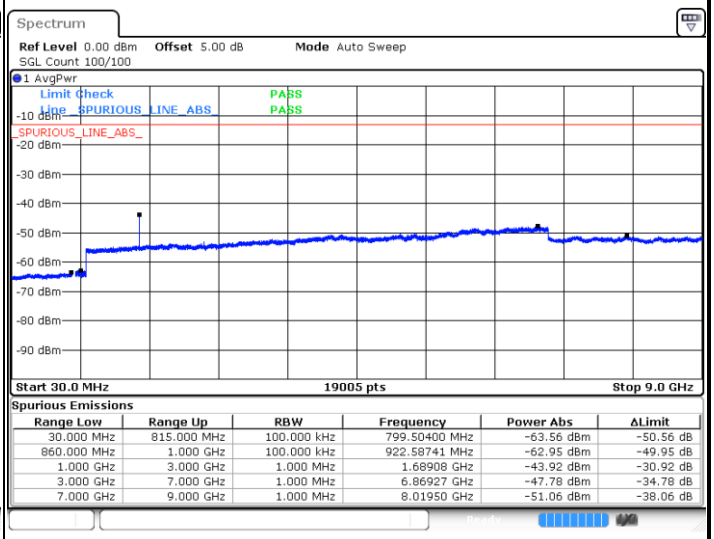



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 815.000 MHz | 100.000 kHz | 799.50400 MHz | -63.70 dBm | -50.70 dB |
| 860.000 MHz | 1.000 GHz | 100.000 kHz | 954.33566 MHz | -62.75 dBm | -49.75 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.68908 GHz | -41.87 dBm | -28.87 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.85527 GHz | -47.86 dBm | -34.86 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.35266 GHz | -51.20 dBm | -38.20 dB |

Date: 5.JUL.2019 20:05:53

### Highest Channel / 16QAM



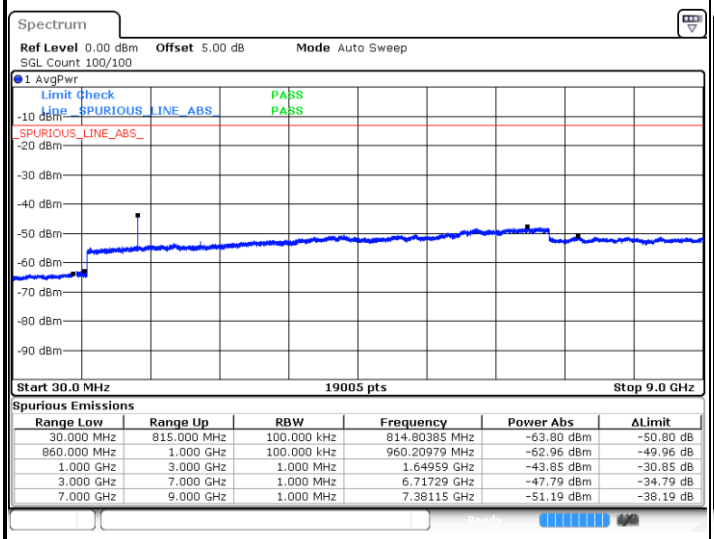

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 815.000 MHz | 100.000 kHz | 799.50400 MHz | -63.56 dBm | -50.56 dB |
| 860.000 MHz | 1.000 GHz | 100.000 kHz | 922.58741 MHz | -62.95 dBm | -49.95 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.68908 GHz | -43.92 dBm | -30.92 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.86927 GHz | -47.78 dBm | -34.78 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 8.01950 GHz | -51.06 dBm | -38.06 dB |

Date: 5.JUL.2019 20:06:48

## LTE Band 5 / 10MHz

### Lowest Channel / QPSK

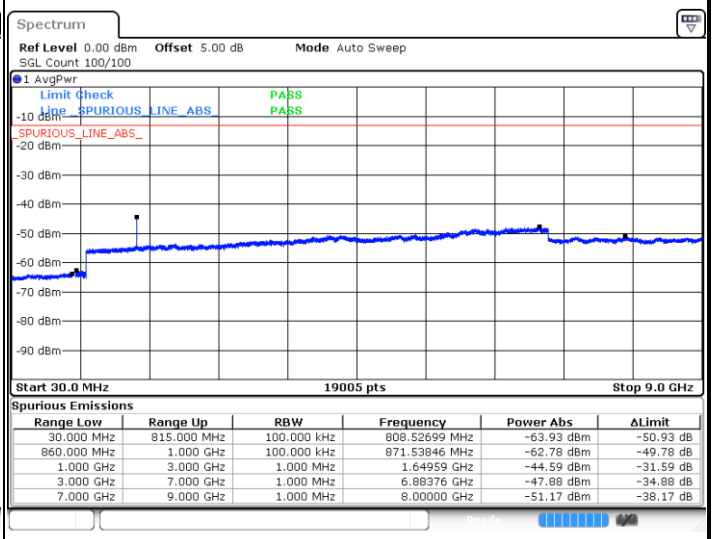



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 815.000 MHz | 100.000 kHz | 814.80385 MHz | -63.80 dBm | -50.80 dB |
| 860.000 MHz | 1.000 GHz | 100.000 kHz | 960.20979 MHz | -62.96 dBm | -49.96 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.64959 GHz | -43.85 dBm | -30.85 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.71729 GHz | -47.79 dBm | -34.79 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.38115 GHz | -51.19 dBm | -38.19 dB |

Date: 5.JUL.2019 20:14:53

### Lowest Channel / 16QAM



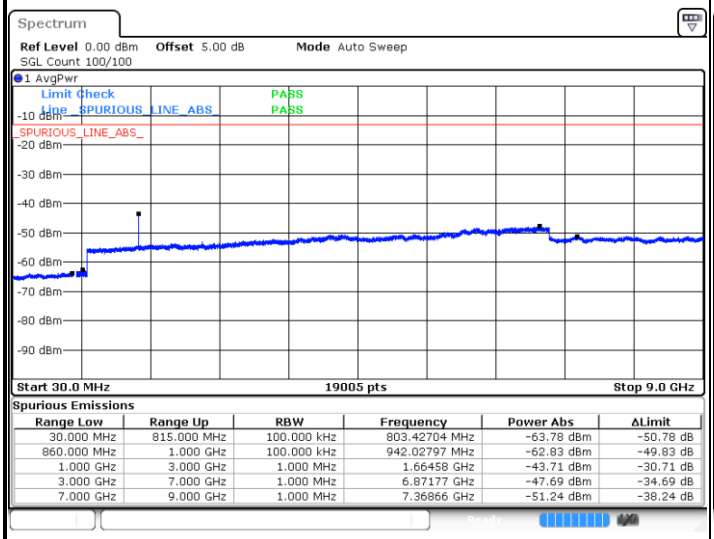

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 815.000 MHz | 100.000 kHz | 808.52699 MHz | -63.93 dBm | -50.93 dB |
| 860.000 MHz | 1.000 GHz | 100.000 kHz | 871.53846 MHz | -62.78 dBm | -49.78 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.64959 GHz | -44.59 dBm | -31.59 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.88376 GHz | -47.88 dBm | -34.88 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 8.00000 GHz | -51.17 dBm | -38.17 dB |

Date: 5.JUL.2019 20:15:47

## LTE Band 5 / 10MHz

### Middle Channel / QPSK

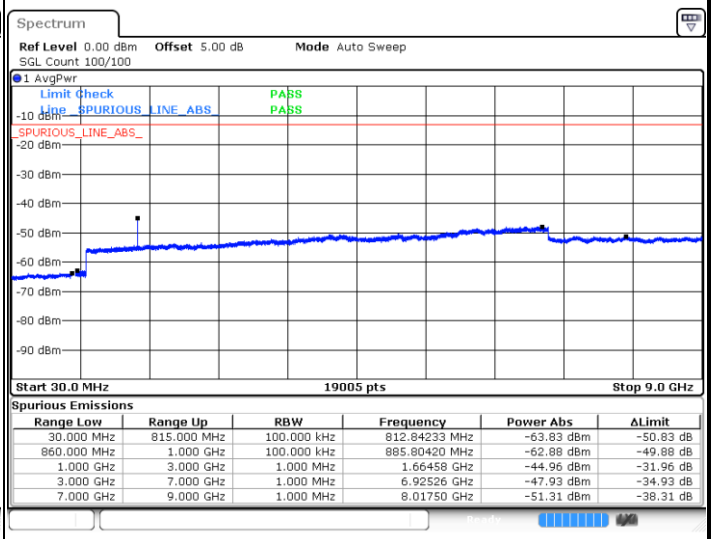



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 815.000 MHz | 100.000 kHz | 803.42704 MHz | -63.78 dBm | -50.78 dB |
| 860.000 MHz | 1.000 GHz | 100.000 kHz | 942.02797 MHz | -62.83 dBm | -49.83 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.66458 GHz | -43.71 dBm | -30.71 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.87177 GHz | -47.69 dBm | -34.69 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.36866 GHz | -51.24 dBm | -38.24 dB |

Date: 5.JUL.2019 20:17:22

### Middle Channel / 16QAM

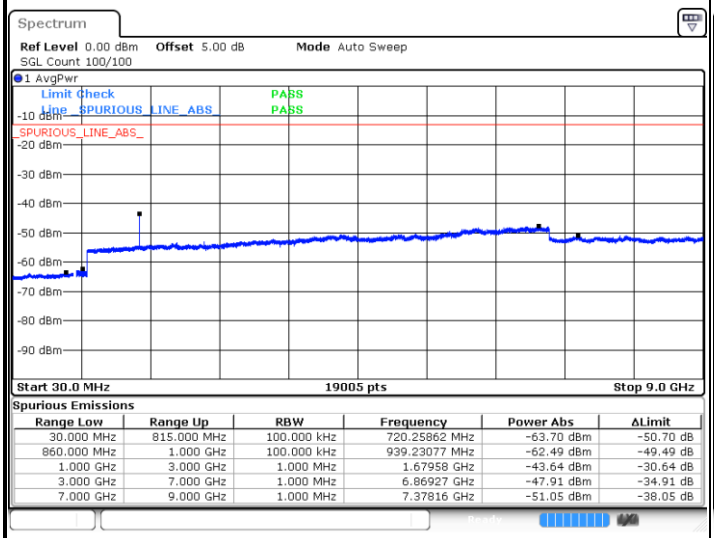



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 815.000 MHz | 100.000 kHz | 812.84233 MHz | -63.83 dBm | -50.83 dB |
| 860.000 MHz | 1.000 GHz | 100.000 kHz | 885.80420 MHz | -62.88 dBm | -49.88 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.66458 GHz | -44.96 dBm | -31.96 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.92526 GHz | -47.93 dBm | -34.93 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 8.01750 GHz | -51.31 dBm | -38.31 dB |

Date: 5.JUL.2019 20:18:17

### Highest Channel / QPSK

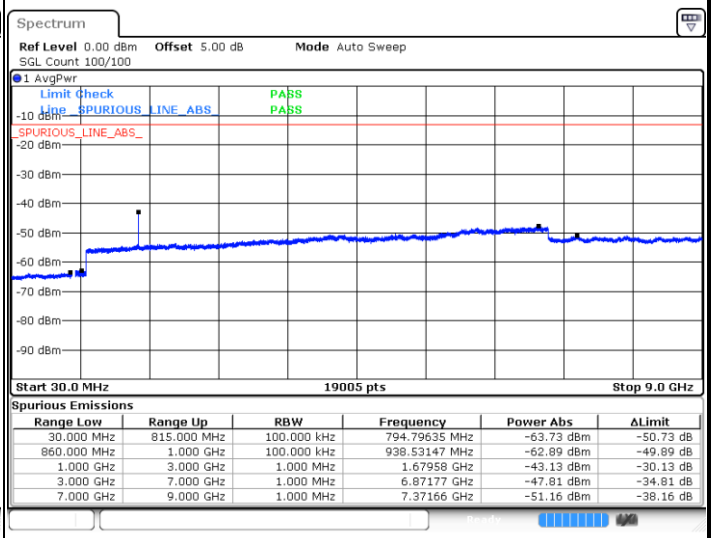



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 815.000 MHz | 100.000 kHz | 720.25862 MHz | -63.70 dBm | -50.70 dB |
| 860.000 MHz | 1.000 GHz | 100.000 kHz | 939.23077 MHz | -62.49 dBm | -49.49 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.67958 GHz | -43.64 dBm | -30.64 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.86927 GHz | -47.91 dBm | -34.91 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.37816 GHz | -51.05 dBm | -38.05 dB |

Date: 5.JUL.2019 20:26:22

### Highest Channel / 16QAM



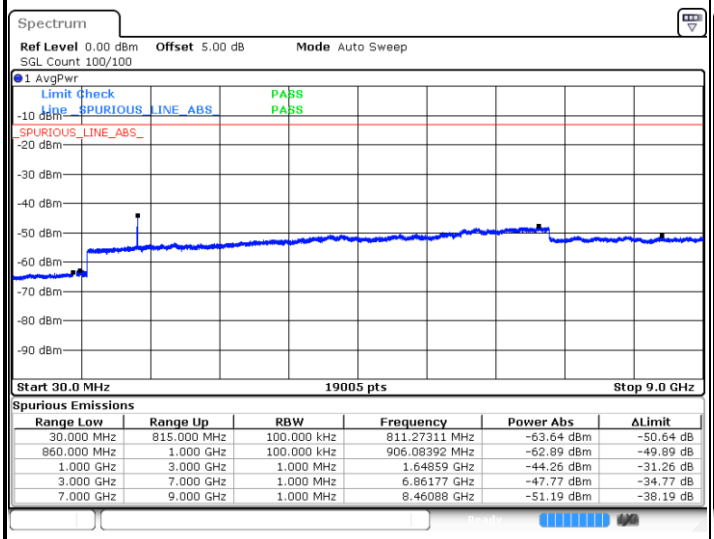

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 815.000 MHz | 100.000 kHz | 794.79635 MHz | -63.73 dBm | -50.73 dB |
| 860.000 MHz | 1.000 GHz | 100.000 kHz | 938.53147 MHz | -62.89 dBm | -49.89 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.67958 GHz | -43.13 dBm | -30.13 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.87177 GHz | -47.81 dBm | -34.81 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.37166 GHz | -51.16 dBm | -38.16 dB |

Date: 5.JUL.2019 20:27:16

## LTE Band 5 / 1.4MHz

### Lowest Channel /64QAM

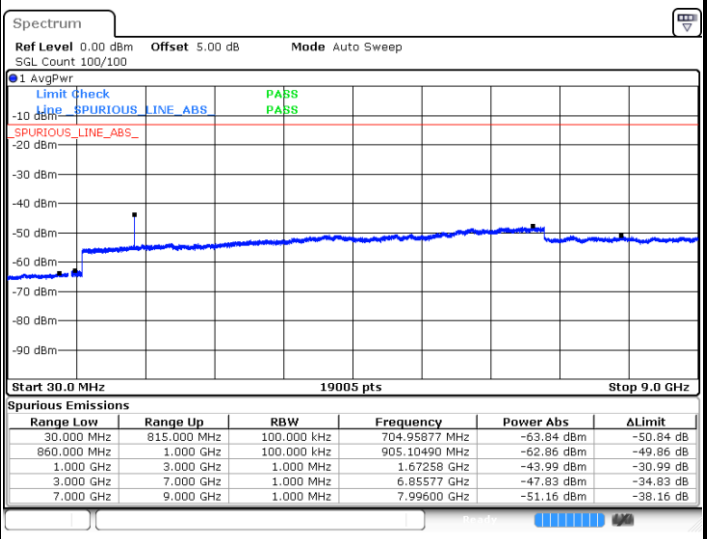



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 815.000 MHz | 100.000 kHz | 811.27311 MHz | -63.64 dBm | -50.64 dB |
| 860.000 MHz | 1.000 GHz | 100.000 kHz | 906.08392 MHz | -62.89 dBm | -49.89 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.64859 GHz | -44.26 dBm | -31.26 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.86177 GHz | -47.77 dBm | -34.77 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 8.46088 GHz | -51.19 dBm | -38.19 dB |

Date: 5.JUL.2019 20:34:52

### Middle Channel / 64QAM




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 815.000 MHz | 100.000 kHz | 704.95877 MHz | -63.84 dBm | -50.84 dB |
| 860.000 MHz | 1.000 GHz | 100.000 kHz | 905.10490 MHz | -62.86 dBm | -49.86 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.67258 GHz | -43.99 dBm | -30.99 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.85577 GHz | -47.83 dBm | -34.83 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.99600 GHz | -51.16 dBm | -38.16 dB |

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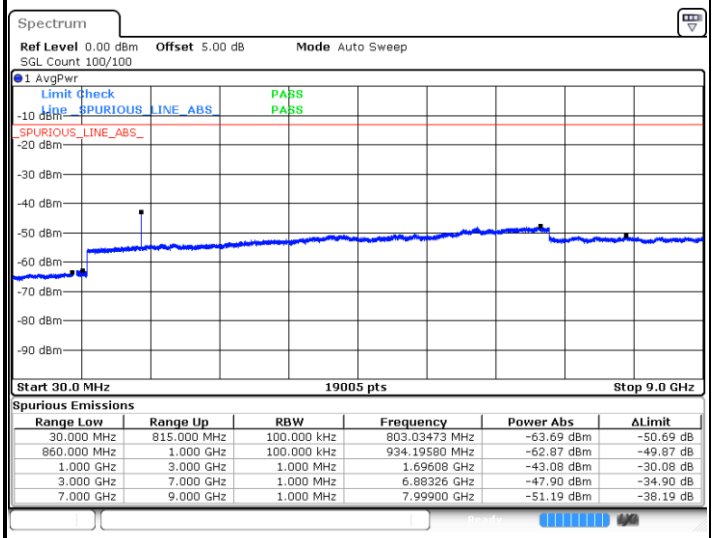
### Highest Channel / 64QAM



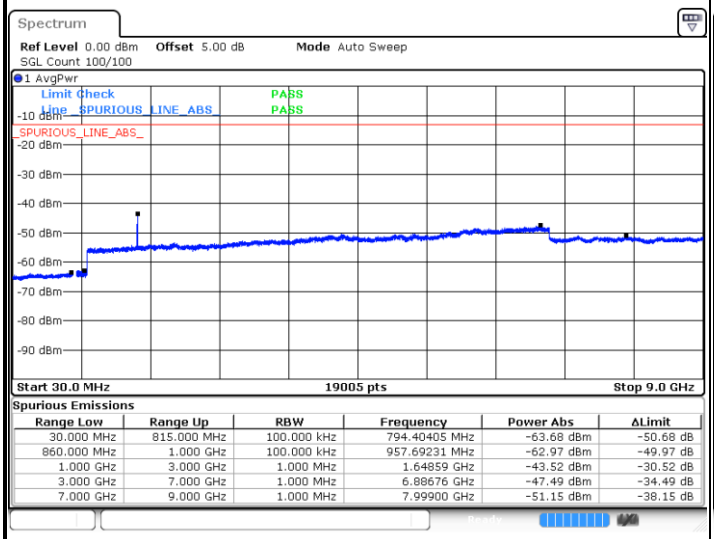

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 815.000 MHz | 100.000 kHz | 803.03473 MHz | -63.69 dBm | -50.69 dB |
| 860.000 MHz | 1.000 GHz | 100.000 kHz | 934.19580 MHz | -62.87 dBm | -49.87 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.69608 GHz | -43.08 dBm | -30.08 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.88326 GHz | -47.90 dBm | -34.90 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.99900 GHz | -51.19 dBm | -38.19 dB |

Date: 5.JUL.2019 20:40:36

## LTE Band 5 / 3MHz

### Lowest Channel /64QAM




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 815.000 MHz | 100.000 kHz | 794.40405 MHz | -63.68 dBm | -50.68 dB |
| 860.000 MHz | 1.000 GHz | 100.000 kHz | 957.69231 MHz | -62.97 dBm | -49.97 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.64859 GHz | -43.52 dBm | -30.52 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.88676 GHz | -47.49 dBm | -34.49 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.99900 GHz | -51.15 dBm | -38.15 dB |

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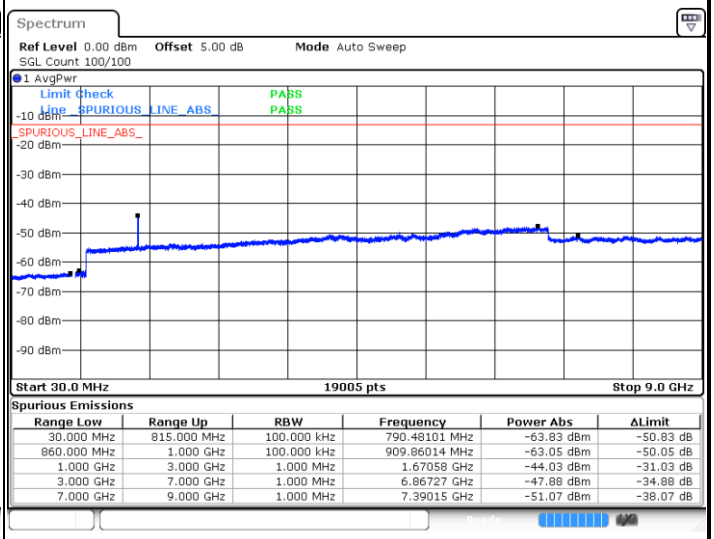
### Middle Channel /64QAM




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 815.000 MHz | 100.000 kHz | 790.48101 MHz | -63.83 dBm | -50.83 dB |
| 860.000 MHz | 1.000 GHz | 100.000 kHz | 909.86014 MHz | -63.05 dBm | -50.05 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.67058 GHz | -44.03 dBm | -31.03 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.86727 GHz | -47.88 dBm | -34.88 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.39015 GHz | -51.07 dBm | -38.07 dB |

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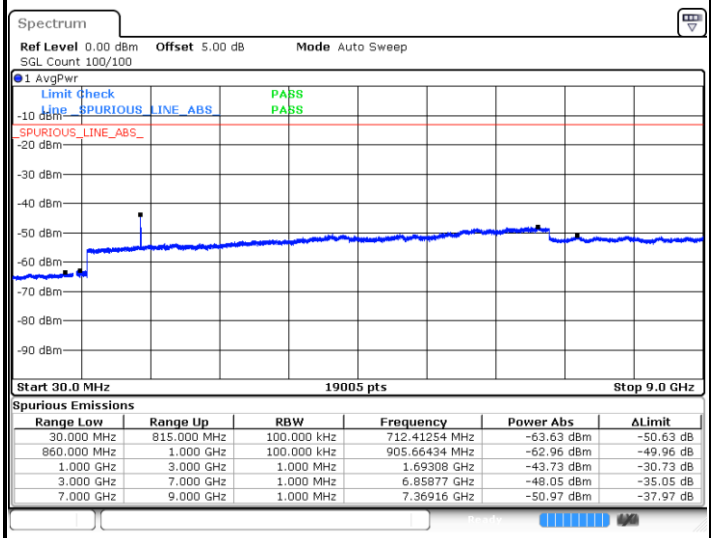
### Highest Channel / 64QAM



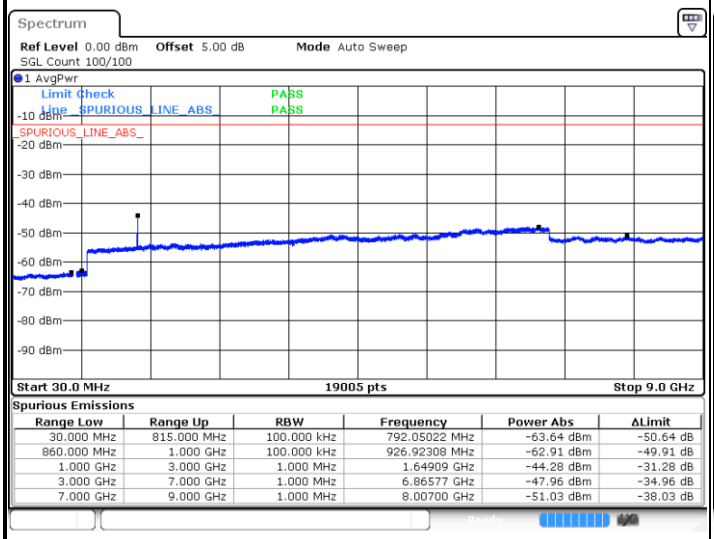

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 815.000 MHz | 100.000 kHz | 712.41254 MHz | -63.63 dBm | -50.63 dB |
| 860.000 MHz | 1.000 GHz | 100.000 kHz | 905.66434 MHz | -62.96 dBm | -49.96 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.69308 GHz | -43.73 dBm | -30.73 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.85877 GHz | -48.05 dBm | -35.05 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.36916 GHz | -50.97 dBm | -37.97 dB |

Date: 5.JUL.2019 20:50:51

## LTE Band 5 / 5MHz

### Lowest Channel / 64QAM

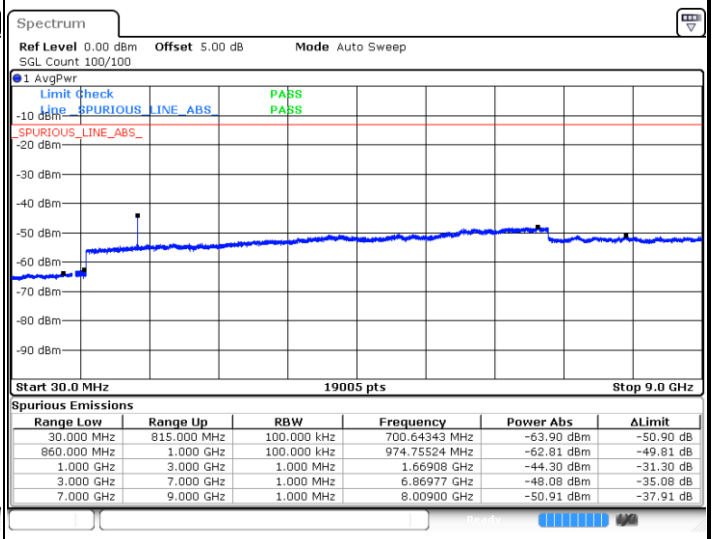



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 815.000 MHz | 100.000 kHz | 792.05022 MHz | -63.64 dBm | -50.64 dB |
| 860.000 MHz | 1.000 GHz | 100.000 kHz | 926.92308 MHz | -62.91 dBm | -49.91 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.64909 GHz | -44.28 dBm | -31.28 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.86577 GHz | -47.96 dBm | -34.96 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 8.00700 GHz | -51.03 dBm | -38.03 dB |

Date: 5.JUL.2019 20:55:20

### Middle Channel /64QAM




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 815.000 MHz | 100.000 kHz | 700.64343 MHz | -63.90 dBm | -50.90 dB |
| 860.000 MHz | 1.000 GHz | 100.000 kHz | 974.75524 MHz | -62.81 dBm | -49.81 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.66908 GHz | -44.30 dBm | -31.30 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.86977 GHz | -48.08 dBm | -35.08 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 8.00900 GHz | -50.91 dBm | -37.91 dB |

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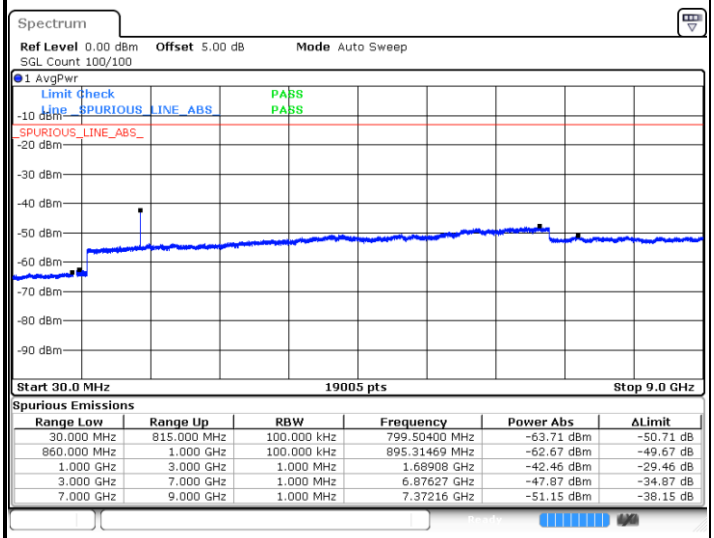
### Highest Channel / 64QAM



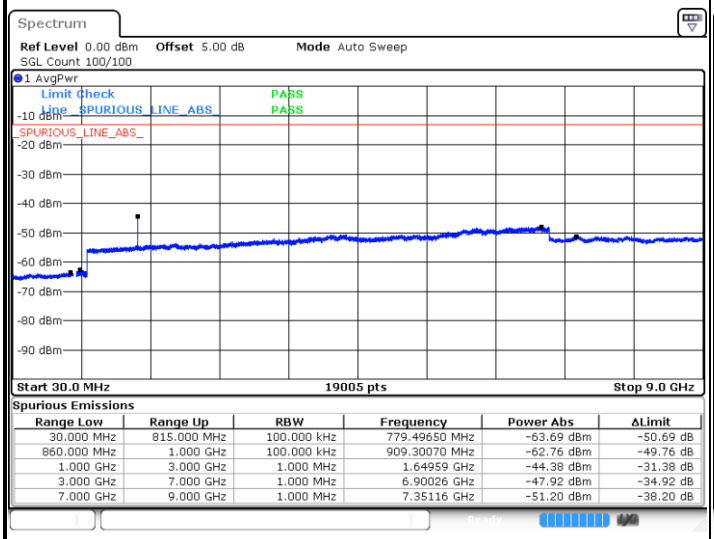

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 815.000 MHz | 100.000 kHz | 799.50400 MHz | -63.71 dBm | -50.71 dB |
| 860.000 MHz | 1.000 GHz | 100.000 kHz | 895.31469 MHz | -62.67 dBm | -49.67 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.68908 GHz | -42.46 dBm | -29.46 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.87627 GHz | -47.87 dBm | -34.87 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.37216 GHz | -51.15 dBm | -38.15 dB |

Date: 5.JUL.2019 21:01:05

## LTE Band 5 / 10MHz

### Lowest Channel / 64QAM




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 815.000 MHz | 100.000 kHz | 779.49650 MHz | -63.69 dBm | -50.69 dB |
| 860.000 MHz | 1.000 GHz | 100.000 kHz | 909.30070 MHz | -62.76 dBm | -49.76 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.64959 GHz | -44.38 dBm | -31.38 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.90026 GHz | -47.92 dBm | -34.92 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.35116 GHz | -51.20 dBm | -38.20 dB |

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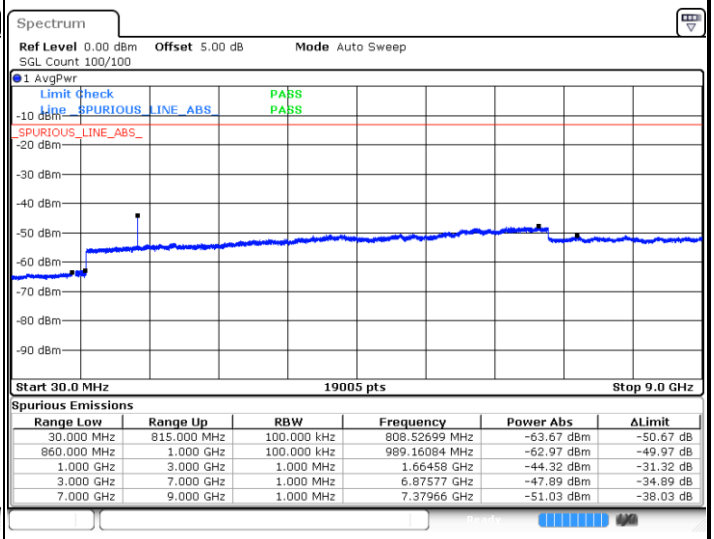
### Middle Channel /64QAM




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 815.000 MHz | 100.000 kHz | 808.52699 MHz | -63.67 dBm | -50.67 dB |
| 860.000 MHz | 1.000 GHz | 100.000 kHz | 989.16084 MHz | -62.97 dBm | -49.97 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.66458 GHz | -44.32 dBm | -31.32 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.87577 GHz | -47.89 dBm | -34.89 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.37966 GHz | -51.03 dBm | -38.03 dB |

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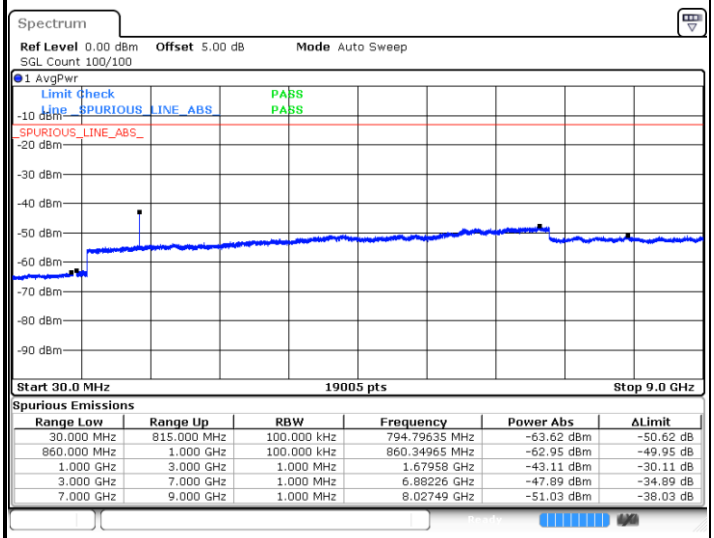
### Highest Channel / 64QAM




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 815.000 MHz | 100.000 kHz | 794.79635 MHz | -63.62 dBm | -50.62 dB |
| 860.000 MHz | 1.000 GHz | 100.000 kHz | 860.34965 MHz | -62.95 dBm | -49.95 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.67958 GHz | -43.11 dBm | -30.11 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.88226 GHz | -47.89 dBm | -34.89 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 8.02749 GHz | -51.03 dBm | -38.03 dB |

Date: 5.JUL.2019 21:11:19