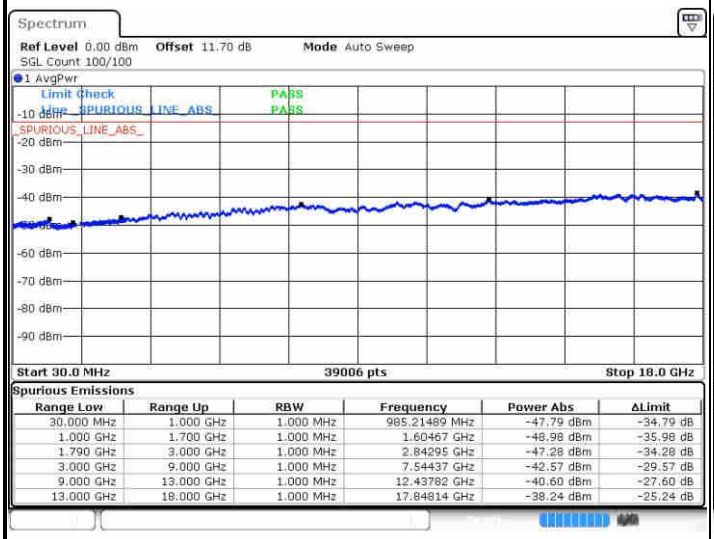
## LTE Band 66 / 10MHz

### Middle Channel / QPSK

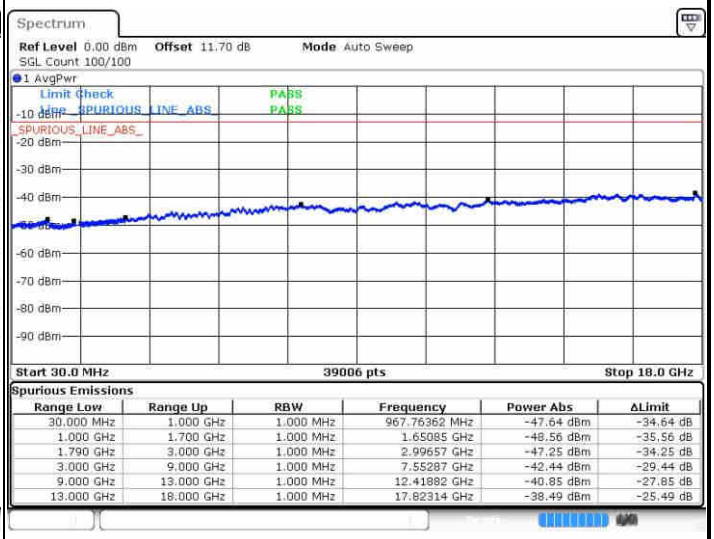



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 985.21489 MHz | -47.79 dBm | -34.79 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.60467 GHz | -48.98 dBm | -35.98 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.84295 GHz | -47.28 dBm | -34.28 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.54437 GHz | -42.57 dBm | -29.57 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.43782 GHz | -40.60 dBm | -27.60 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 17.84814 GHz | -38.24 dBm | -25.24 dB |

Date: 27.APR.2019 02:41:58

### Middle Channel / 16QAM

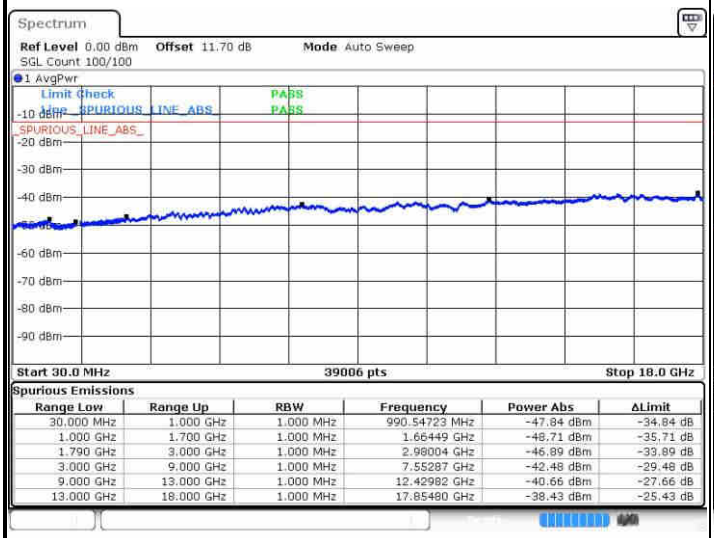



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 967.76362 MHz | -47.64 dBm | -34.64 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.65085 GHz | -48.56 dBm | -35.56 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.99657 GHz | -47.25 dBm | -34.25 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.55287 GHz | -42.44 dBm | -29.44 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.41882 GHz | -40.85 dBm | -27.85 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 17.82314 GHz | -38.49 dBm | -25.49 dB |

Date: 27.APR.2019 02:42:40

### Highest Channel / QPSK

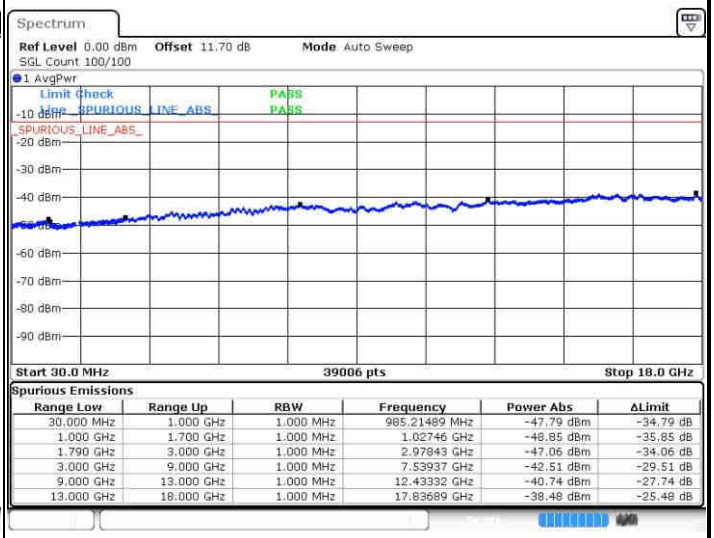



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 990.54723 MHz | -47.84 dBm | -34.84 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.66449 GHz | -48.71 dBm | -35.71 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.98004 GHz | -46.89 dBm | -33.89 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.55287 GHz | -42.48 dBm | -29.48 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.42982 GHz | -40.66 dBm | -27.66 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 17.85480 GHz | -38.43 dBm | -25.43 dB |

Date: 27.APR.2019 02:46:56

### Highest Channel / 16QAM



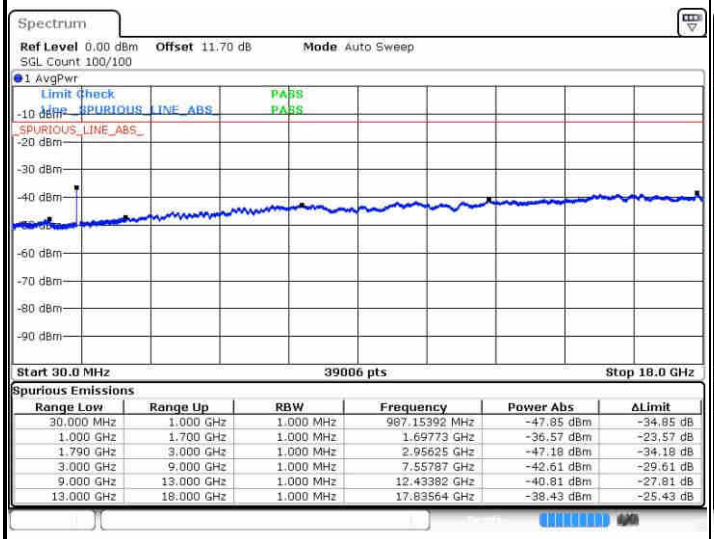

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 985.21489 MHz | -47.79 dBm | -34.79 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.02746 GHz | -48.85 dBm | -35.85 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.97843 GHz | -47.06 dBm | -34.06 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.53937 GHz | -42.51 dBm | -29.51 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.43332 GHz | -40.74 dBm | -27.74 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 17.83689 GHz | -38.48 dBm | -25.48 dB |

Date: 27.APR.2019 02:47:38

## LTE Band 66 / 15MHz

### Lowest Channel / QPSK

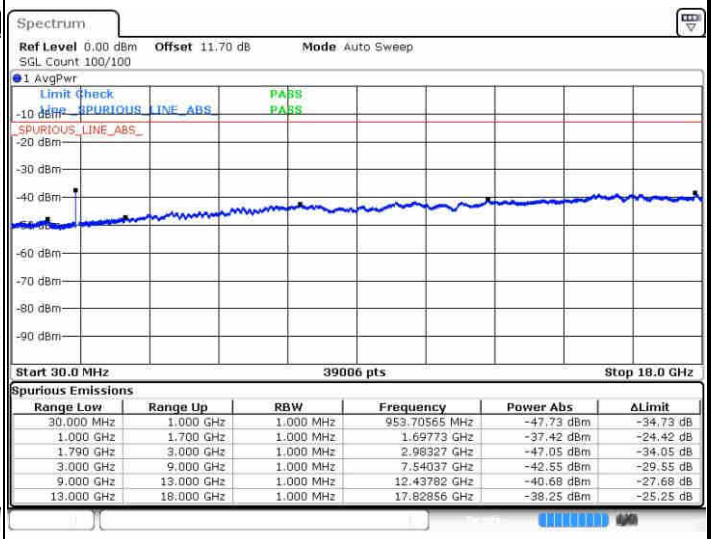



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 987.15392 MHz | -47.85 dBm | -34.85 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.69773 GHz | -36.57 dBm | -23.57 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.95625 GHz | -47.18 dBm | -34.18 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.55787 GHz | -42.61 dBm | -29.61 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.43382 GHz | -40.81 dBm | -27.81 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 17.83564 GHz | -38.43 dBm | -25.43 dB |

Date: 27.APR.2019 03:04:03

### Lowest Channel / 16QAM

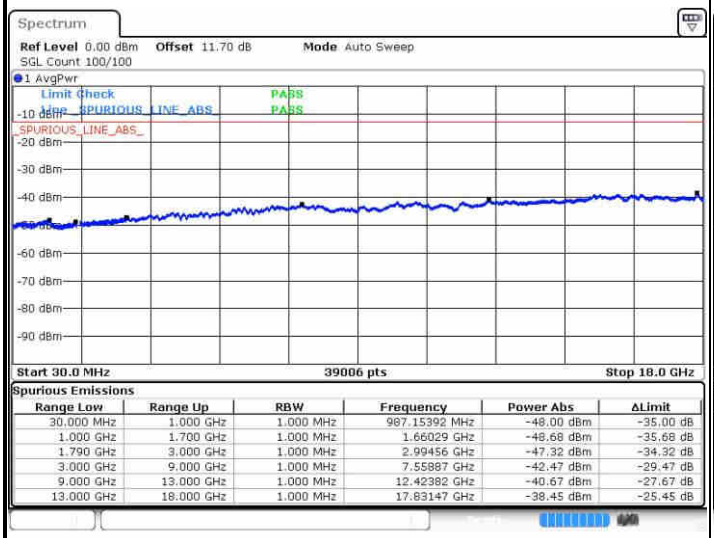



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 953.70565 MHz | -47.73 dBm | -34.73 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.69773 GHz | -37.42 dBm | -24.42 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.98327 GHz | -47.05 dBm | -34.05 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.54037 GHz | -42.55 dBm | -29.55 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.43782 GHz | -40.68 dBm | -27.68 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 17.82856 GHz | -38.25 dBm | -25.25 dB |

Date: 27.APR.2019 03:04:45

### Middle Channel / QPSK

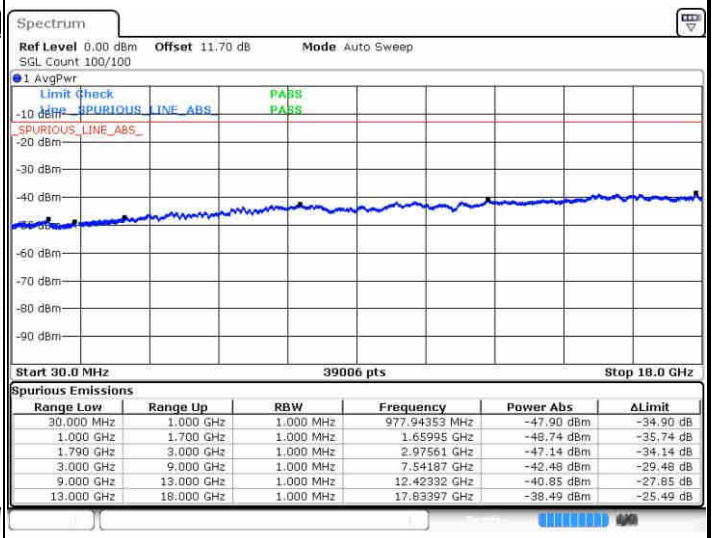



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 987.15392 MHz | -48.00 dBm | -35.00 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.66029 GHz | -48.68 dBm | -35.68 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.99456 GHz | -47.32 dBm | -34.32 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.55887 GHz | -42.47 dBm | -29.47 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.42382 GHz | -40.67 dBm | -27.67 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 17.83147 GHz | -38.45 dBm | -25.45 dB |

Date: 27.APR.2019 03:06:16

### Middle Channel / 16QAM



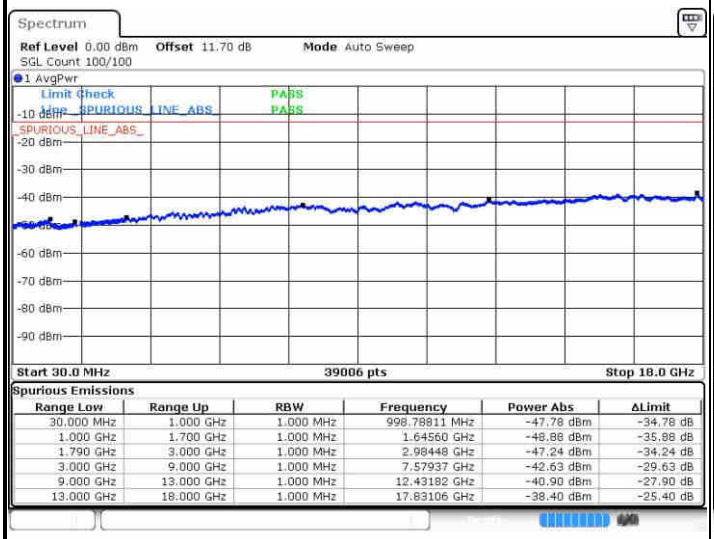

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 977.94353 MHz | -47.90 dBm | -34.90 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.65995 GHz | -48.74 dBm | -35.74 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.97561 GHz | -47.14 dBm | -34.14 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.54187 GHz | -42.48 dBm | -29.48 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.42332 GHz | -40.85 dBm | -27.85 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 17.83397 GHz | -38.49 dBm | -25.49 dB |

Date: 27.APR.2019 03:06:58

## LTE Band 66 / 15MHz

### Highest Channel / QPSK

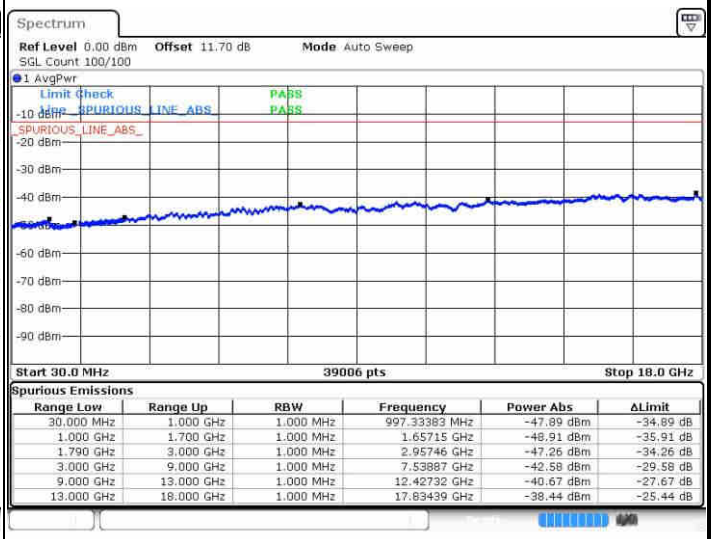



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 998.78811 MHz | -47.78 dBm | -34.78 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.64550 GHz | -48.88 dBm | -35.88 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.98448 GHz | -47.24 dBm | -34.24 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.57937 GHz | -42.63 dBm | -29.63 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.43182 GHz | -40.90 dBm | -27.90 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 17.83106 GHz | -38.40 dBm | -25.40 dB |

Date: 27.APR.2019 03:11:14

### Highest Channel / 16QAM



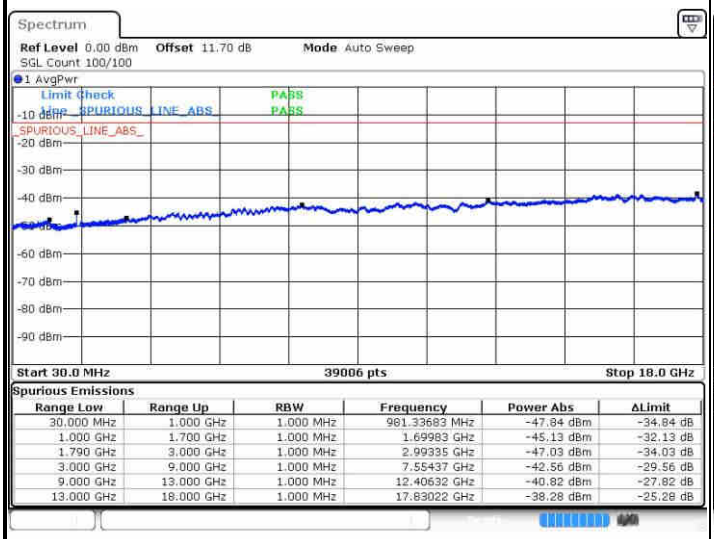

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 997.33383 MHz | -47.89 dBm | -34.89 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.65715 GHz | -48.91 dBm | -35.91 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.95746 GHz | -47.26 dBm | -34.26 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.53887 GHz | -42.58 dBm | -29.58 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.42732 GHz | -40.67 dBm | -27.67 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 17.83439 GHz | -38.44 dBm | -25.44 dB |

Date: 27.APR.2019 03:11:56

## LTE Band 66 / 20MHz

### Lowest Channel / QPSK

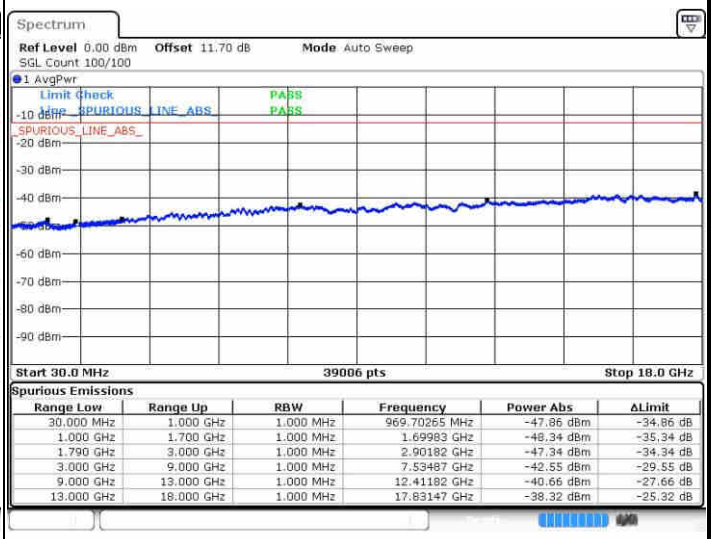



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 981.33683 MHz | -47.84 dBm | -34.84 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.69983 GHz | -45.13 dBm | -32.13 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.99335 GHz | -47.03 dBm | -34.03 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.55437 GHz | -42.56 dBm | -29.56 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.40632 GHz | -40.82 dBm | -27.82 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 17.83022 GHz | -38.28 dBm | -25.28 dB |

Date: 27.APR.2019 03:16:12

### Lowest Channel / 16QAM



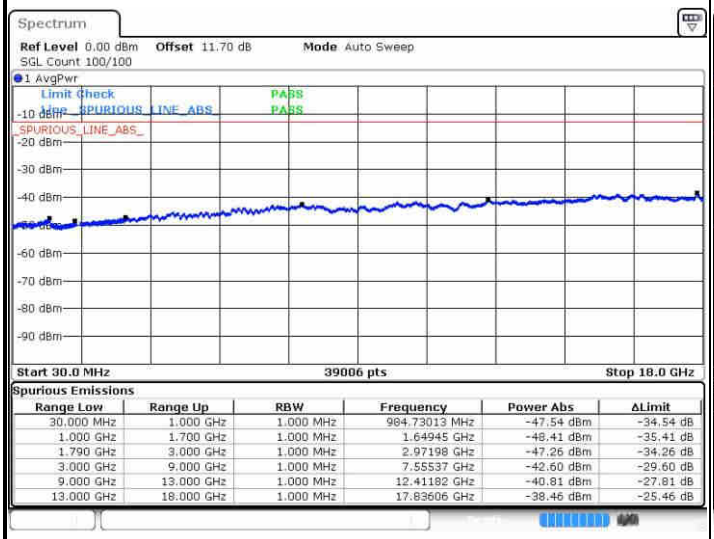

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 969.70265 MHz | -47.86 dBm | -34.86 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.69983 GHz | -48.34 dBm | -35.34 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.90182 GHz | -47.34 dBm | -34.34 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.53487 GHz | -42.55 dBm | -29.55 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.41182 GHz | -40.66 dBm | -27.66 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 17.83147 GHz | -38.32 dBm | -25.32 dB |

Date: 27.APR.2019 03:16:54

## LTE Band 66 / 20MHz

### Middle Channel / QPSK

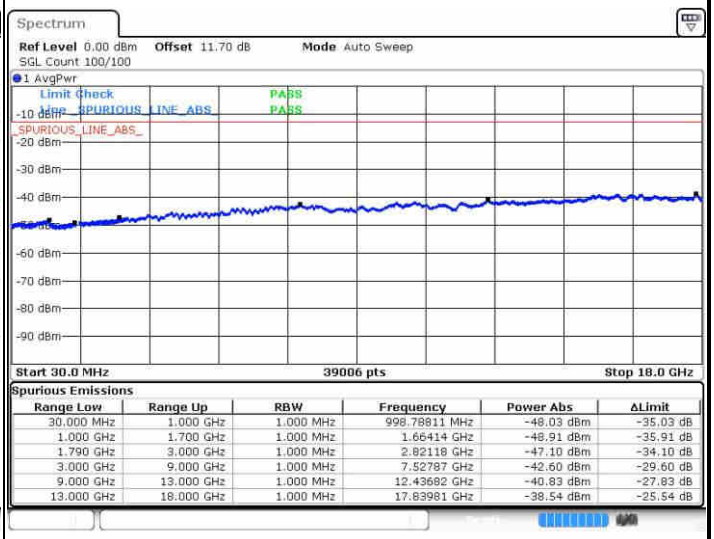



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 984.73013 MHz | -47.54 dBm | -34.54 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.64945 GHz | -48.41 dBm | -35.41 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.97198 GHz | -47.26 dBm | -34.26 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.55537 GHz | -42.60 dBm | -29.60 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.41182 GHz | -40.81 dBm | -27.81 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 17.83606 GHz | -38.46 dBm | -25.46 dB |

Date: 27.APR.2019 03:18:26

### Middle Channel / 16QAM

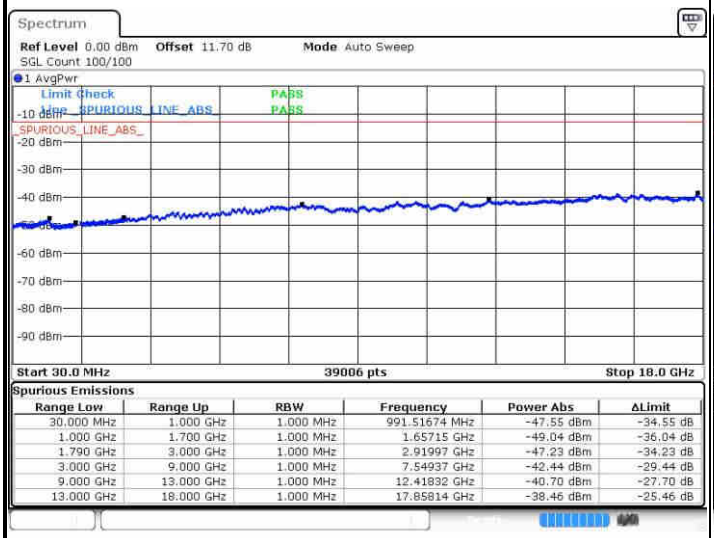



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 998.78811 MHz | -48.03 dBm | -35.03 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.66414 GHz | -48.91 dBm | -35.91 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.82118 GHz | -47.10 dBm | -34.10 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.52787 GHz | -42.60 dBm | -29.60 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.43682 GHz | -40.83 dBm | -27.83 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 17.83981 GHz | -38.54 dBm | -25.54 dB |

Date: 27.APR.2019 03:19:08

### Highest Channel / QPSK

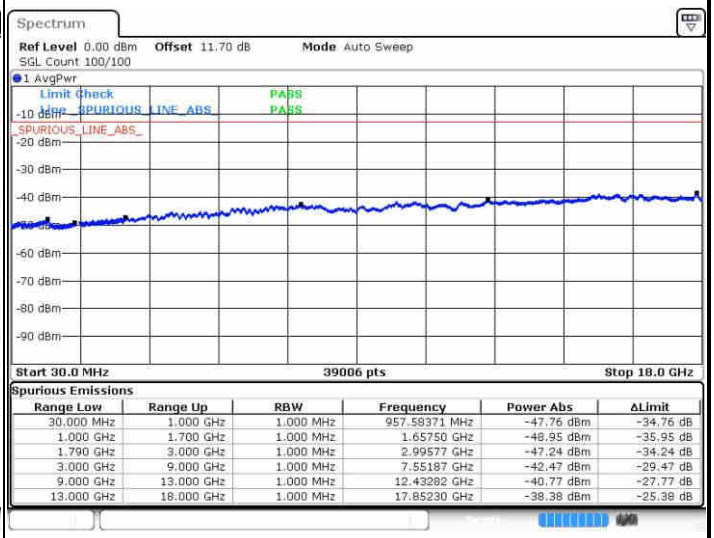



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 991.51674 MHz | -47.55 dBm | -34.55 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.65715 GHz | -49.04 dBm | -36.04 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.91997 GHz | -47.23 dBm | -34.23 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.54937 GHz | -42.44 dBm | -29.44 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.41832 GHz | -40.70 dBm | -27.70 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 17.85814 GHz | -38.46 dBm | -25.46 dB |

Date: 27.APR.2019 03:23:24

### Highest Channel / 16QAM



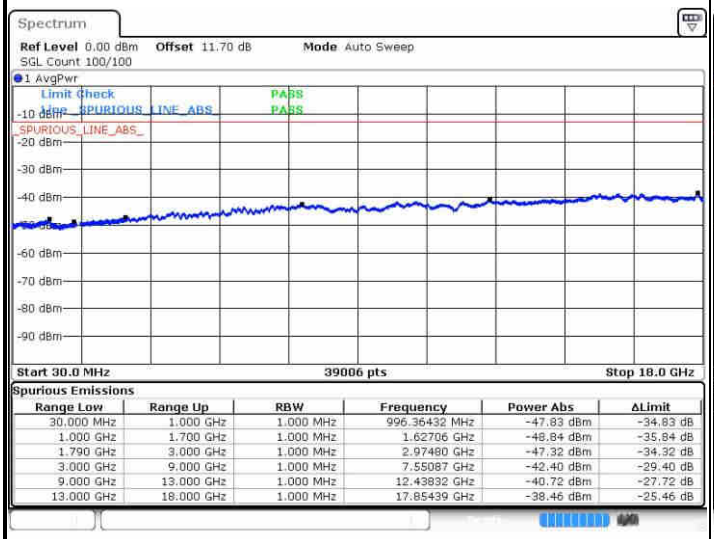

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 957.58371 MHz | -47.76 dBm | -34.76 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.65750 GHz | -48.95 dBm | -35.95 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.99577 GHz | -47.24 dBm | -34.24 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.55187 GHz | -42.47 dBm | -29.47 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.43282 GHz | -40.77 dBm | -27.77 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 17.85230 GHz | -38.38 dBm | -25.38 dB |

Date: 27.APR.2019 03:24:06

## LTE Band 66 / 1.4MHz

### Lowest Channel / 64QAM

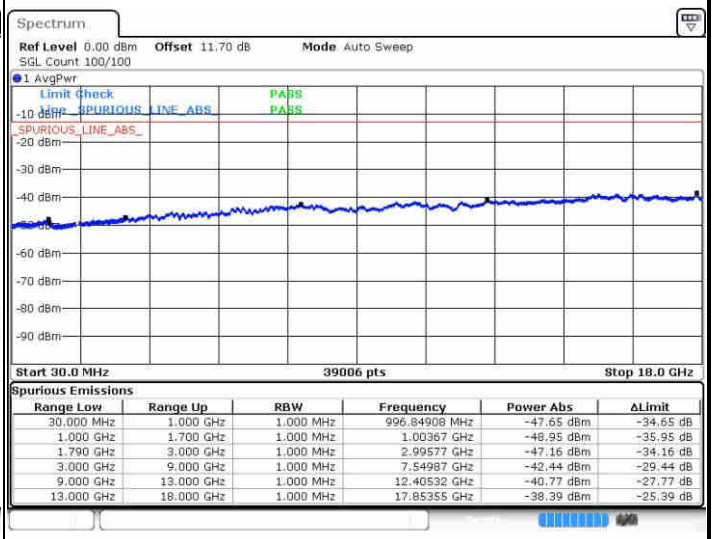



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 996.36432 MHz | -47.83 dBm | -34.83 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.62706 GHz | -48.84 dBm | -35.84 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.97480 GHz | -47.32 dBm | -34.32 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.55087 GHz | -42.40 dBm | -29.40 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.43832 GHz | -40.72 dBm | -27.72 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 17.85439 GHz | -38.46 dBm | -25.46 dB |

Date: 27.APR.2019 01:51:42

### Middle Channel / 64QAM

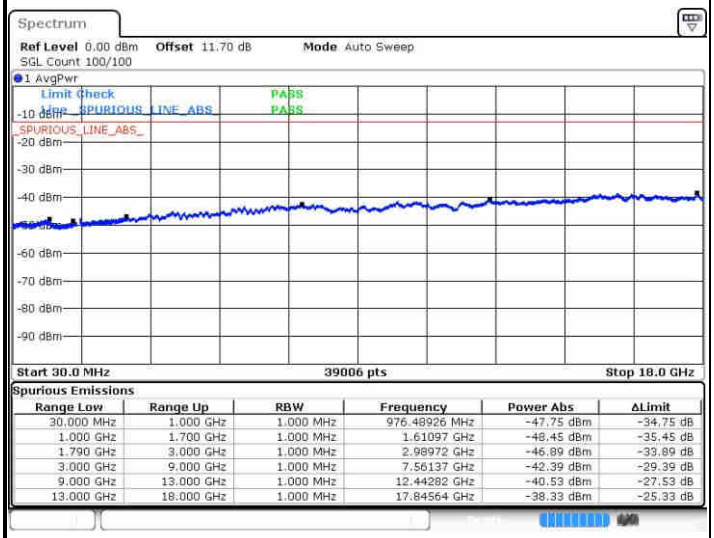



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 996.84908 MHz | -47.65 dBm | -34.65 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.00367 GHz | -48.95 dBm | -35.95 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.99577 GHz | -47.16 dBm | -34.16 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.54987 GHz | -42.44 dBm | -29.44 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.40532 GHz | -40.77 dBm | -27.77 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 17.85355 GHz | -38.39 dBm | -25.39 dB |

Date: 27.APR.2019 01:52:49

### Highest Channel / 64QAM



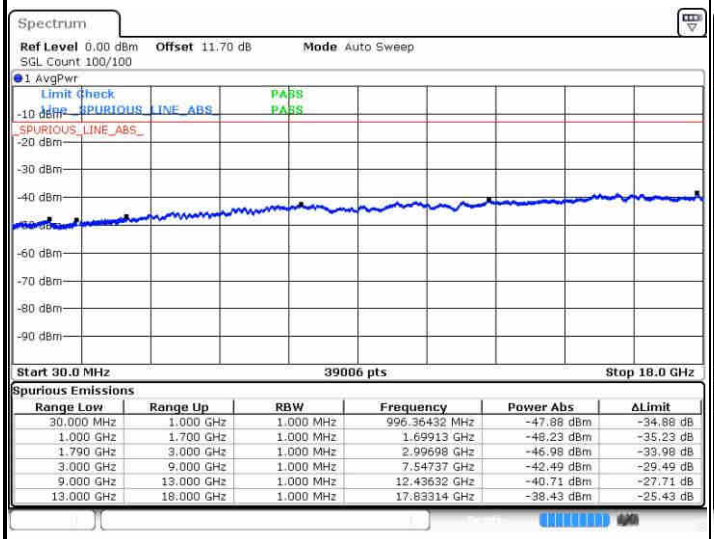

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 976.48926 MHz | -47.75 dBm | -34.75 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.61097 GHz | -48.45 dBm | -35.45 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.98972 GHz | -46.89 dBm | -33.89 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.56137 GHz | -42.39 dBm | -29.39 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.44282 GHz | -40.53 dBm | -27.53 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 17.84564 GHz | -38.33 dBm | -25.33 dB |

Date: 27.APR.2019 01:56:03

## LTE Band 66 / 3MHz

### Lowest Channel / 64QAM

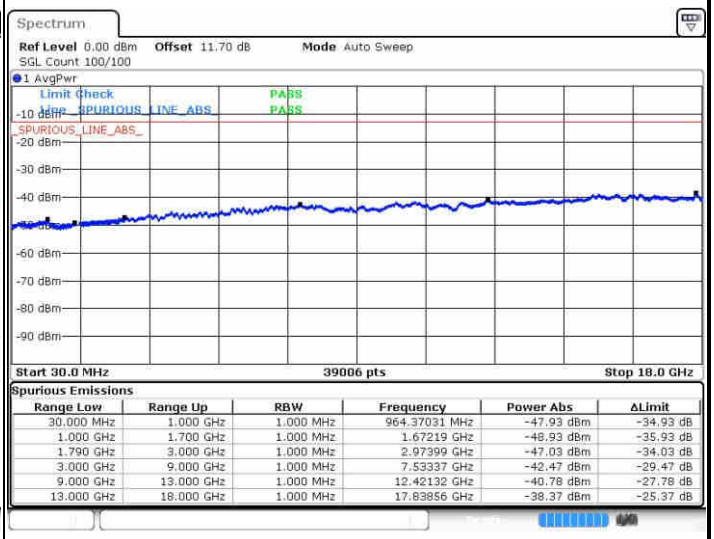



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 996.36432 MHz | -47.88 dBm | -34.88 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.69913 GHz | -48.23 dBm | -35.23 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.99698 GHz | -46.98 dBm | -33.98 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.54737 GHz | -42.49 dBm | -29.49 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.43632 GHz | -40.71 dBm | -27.71 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 17.83314 GHz | -38.43 dBm | -25.43 dB |

Date: 27.APR.2019 02:13:38

### Middle Channel / 64QAM

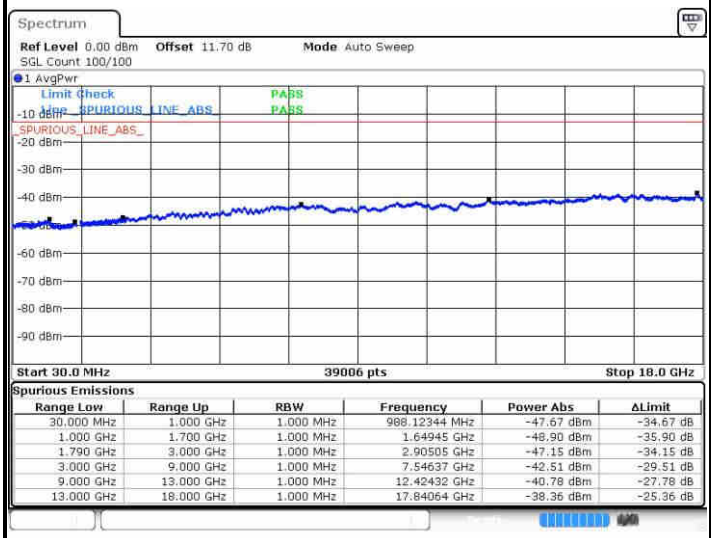



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 964.37031 MHz | -47.93 dBm | -34.93 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.67219 GHz | -48.93 dBm | -35.93 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.97399 GHz | -47.03 dBm | -34.03 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.53337 GHz | -42.47 dBm | -29.47 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.42132 GHz | -40.78 dBm | -27.78 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 17.83856 GHz | -38.37 dBm | -25.37 dB |

Date: 27.APR.2019 02:14:45

### Highest Channel / 64QAM



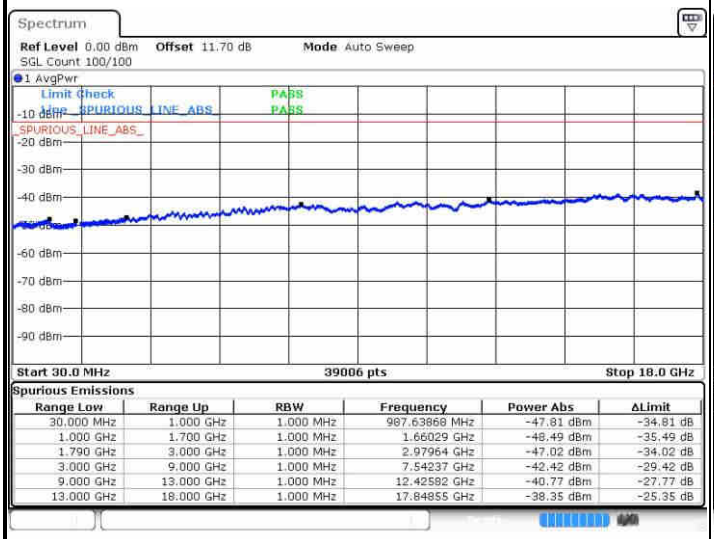

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 988.12344 MHz | -47.67 dBm | -34.67 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.64945 GHz | -48.90 dBm | -35.90 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.90505 GHz | -47.15 dBm | -34.15 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.54637 GHz | -42.51 dBm | -29.51 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.42432 GHz | -40.78 dBm | -27.78 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 17.84064 GHz | -38.36 dBm | -25.36 dB |

Date: 27.APR.2019 02:17:13

## LTE Band 66 / 5MHz

### Lowest Channel / 64QAM

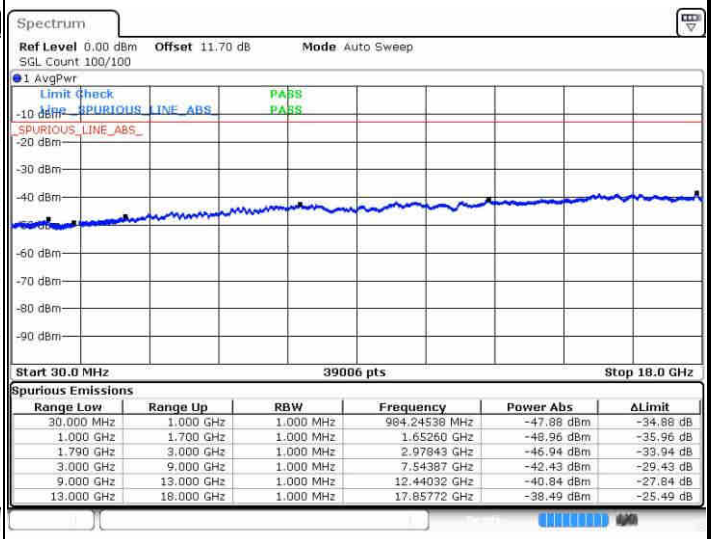



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 987.63868 MHz | -47.81 dBm | -34.81 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.65029 GHz | -48.49 dBm | -35.49 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.97964 GHz | -47.02 dBm | -34.02 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.54237 GHz | -42.42 dBm | -29.42 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.42582 GHz | -40.77 dBm | -27.77 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 17.84855 GHz | -38.35 dBm | -25.35 dB |

Date: 27.APR.2019 02:19:42

### Middle Channel / 64QAM

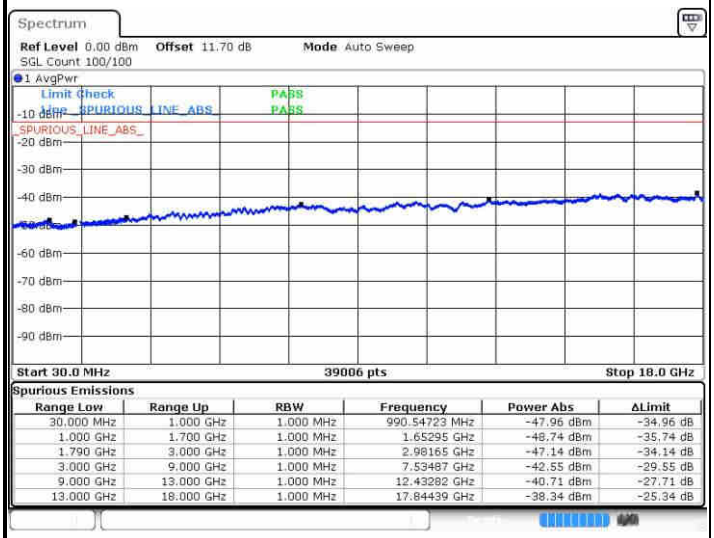



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 984.24538 MHz | -47.88 dBm | -34.88 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.65260 GHz | -48.96 dBm | -35.96 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.97843 GHz | -46.94 dBm | -33.94 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.54387 GHz | -42.43 dBm | -29.43 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.44032 GHz | -40.84 dBm | -27.84 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 17.85772 GHz | -38.49 dBm | -25.49 dB |

Date: 27.APR.2019 02:20:49

### Highest Channel / 64QAM



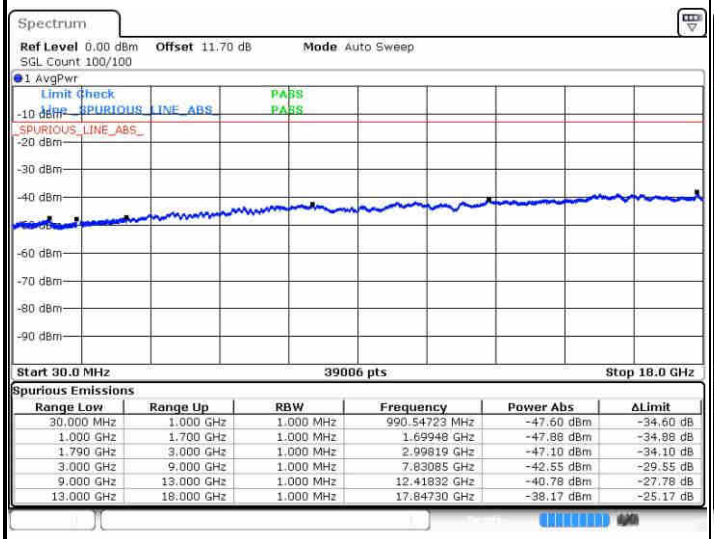

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 990.54723 MHz | -47.96 dBm | -34.96 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.65295 GHz | -48.74 dBm | -35.74 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.98165 GHz | -47.14 dBm | -34.14 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.53487 GHz | -42.55 dBm | -29.55 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.43282 GHz | -40.71 dBm | -27.71 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 17.84439 GHz | -38.34 dBm | -25.34 dB |

Date: 27.APR.2019 02:23:18

## LTE Band 66 / 10MHz

### Lowest Channel / 64QAM

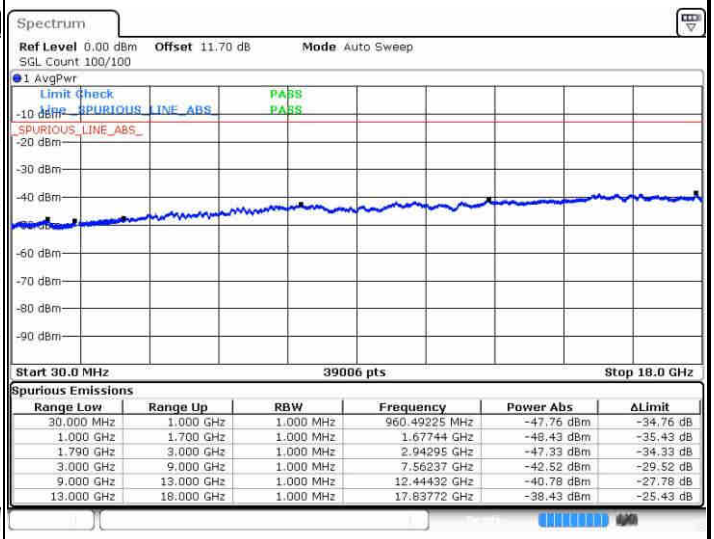



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 990.54723 MHz | -47.60 dBm | -34.60 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.69948 GHz | -47.88 dBm | -34.88 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.99819 GHz | -47.10 dBm | -34.10 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.83085 GHz | -42.55 dBm | -29.55 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.41832 GHz | -40.78 dBm | -27.78 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 17.84730 GHz | -38.17 dBm | -25.17 dB |

Date: 27.APR.2019 02:50:07

### Middle Channel / 64QAM

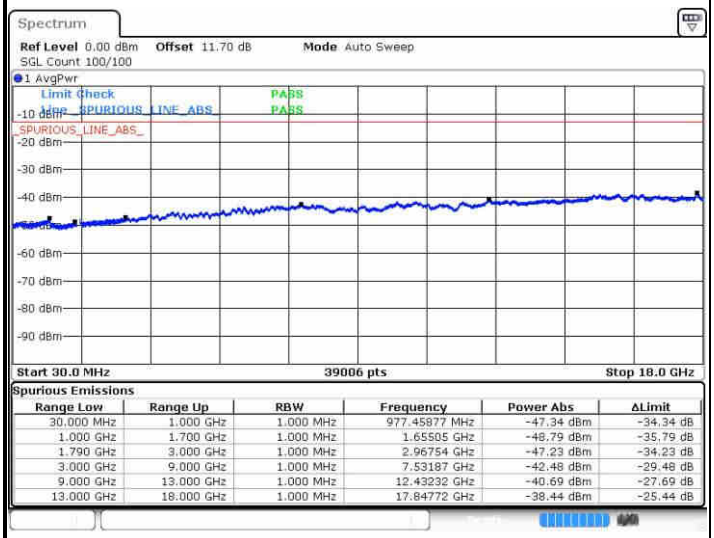



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 960.49225 MHz | -47.76 dBm | -34.76 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.67744 GHz | -48.43 dBm | -35.43 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.94295 GHz | -47.33 dBm | -34.33 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.56237 GHz | -42.52 dBm | -29.52 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.44432 GHz | -40.78 dBm | -27.78 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 17.83772 GHz | -38.43 dBm | -25.43 dB |

Date: 27.APR.2019 02:51:13

### Highest Channel / 64QAM



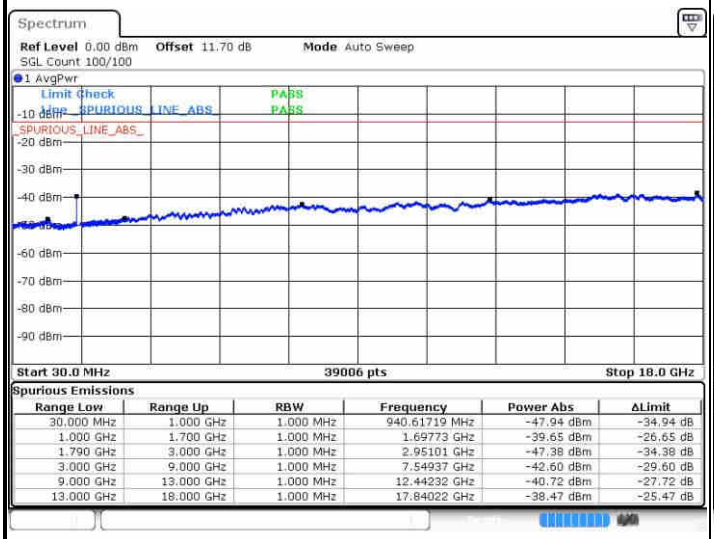

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 977.45877 MHz | -47.34 dBm | -34.34 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.65505 GHz | -48.79 dBm | -35.79 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.96754 GHz | -47.23 dBm | -34.23 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.53187 GHz | -42.48 dBm | -29.48 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.43232 GHz | -40.69 dBm | -27.69 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 17.84772 GHz | -38.44 dBm | -25.44 dB |

Date: 27.APR.2019 02:53:42

## LTE Band 66 / 15MHz

### Lowest Channel / 64QAM

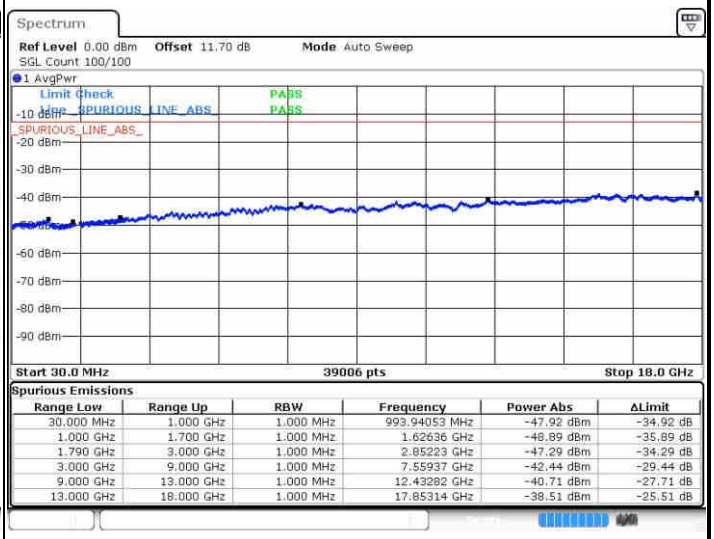



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 940.61719 MHz | -47.94 dBm | -34.94 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.69773 GHz | -39.65 dBm | -26.65 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.95101 GHz | -47.38 dBm | -34.38 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.54937 GHz | -42.60 dBm | -29.60 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.44232 GHz | -40.72 dBm | -27.72 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 17.84022 GHz | -38.47 dBm | -25.47 dB |

Date: 27.APR.2019 02:56:11

### Middle Channel / 64QAM

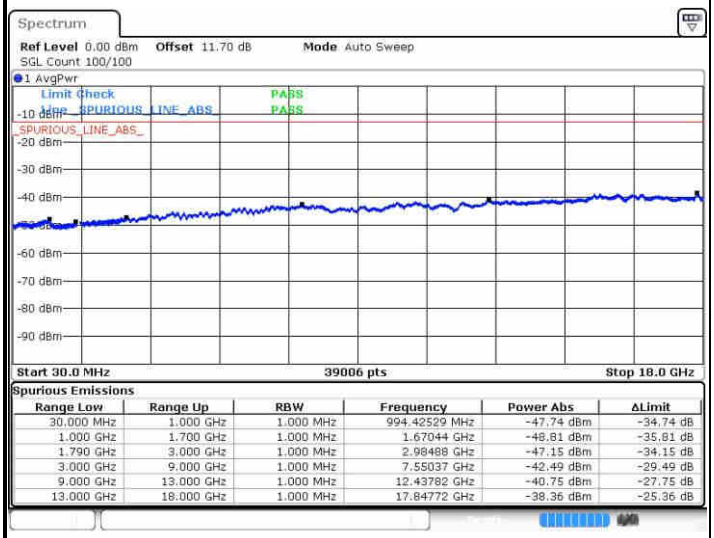



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 993.94053 MHz | -47.92 dBm | -34.92 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.62636 GHz | -48.89 dBm | -35.89 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.85223 GHz | -47.29 dBm | -34.29 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.55937 GHz | -42.44 dBm | -29.44 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.43282 GHz | -40.71 dBm | -27.71 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 17.85314 GHz | -38.51 dBm | -25.51 dB |

Date: 27.APR.2019 02:57:18

### Highest Channel / 64QAM



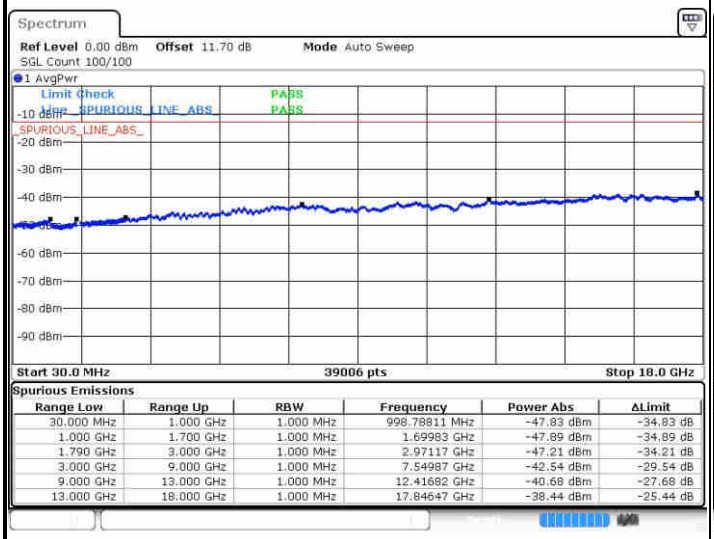

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 994.42529 MHz | -47.74 dBm | -34.74 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.67044 GHz | -48.81 dBm | -35.81 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.98488 GHz | -47.15 dBm | -34.15 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.55037 GHz | -42.49 dBm | -29.49 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.43782 GHz | -40.75 dBm | -27.75 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 17.84772 GHz | -38.36 dBm | -25.36 dB |

Date: 27.APR.2019 02:59:47

## LTE Band 66 / 20MHz

### Lowest Channel / 64QAM

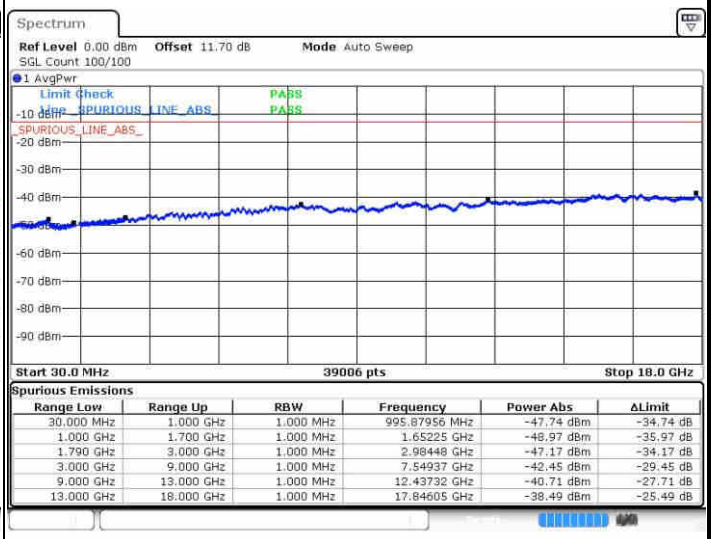



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 998.78811 MHz | -47.83 dBm | -34.83 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.69983 GHz | -47.89 dBm | -34.89 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.97117 GHz | -47.21 dBm | -34.21 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.54987 GHz | -42.54 dBm | -29.54 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.41682 GHz | -40.68 dBm | -27.68 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 17.84647 GHz | -38.44 dBm | -25.44 dB |

Date: 27.APR.2019 03:26:35

### Middle Channel / 64QAM

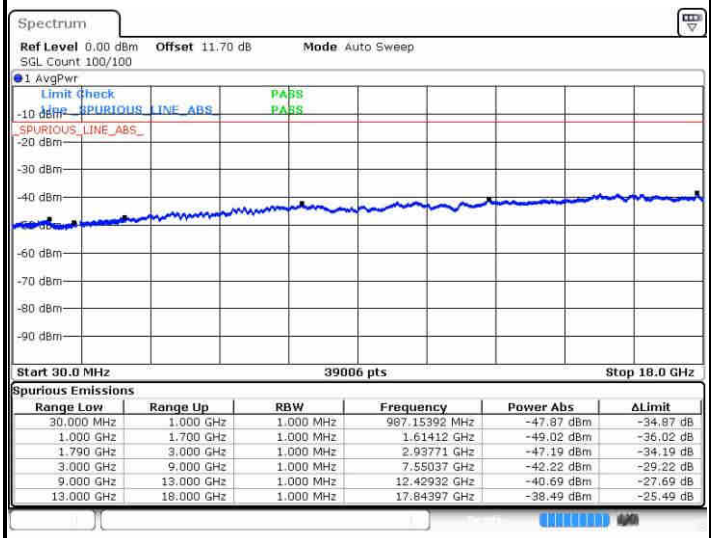



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 995.87956 MHz | -47.74 dBm | -34.74 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.65225 GHz | -48.97 dBm | -35.97 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.98448 GHz | -47.17 dBm | -34.17 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.54937 GHz | -42.45 dBm | -29.45 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.43732 GHz | -40.71 dBm | -27.71 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 17.84605 GHz | -38.49 dBm | -25.49 dB |

Date: 27.APR.2019 03:27:42

### Highest Channel / 64QAM




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 987.15392 MHz | -47.87 dBm | -34.87 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.61412 GHz | -49.02 dBm | -36.02 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.93771 GHz | -47.19 dBm | -34.19 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 7.55037 GHz | -42.22 dBm | -29.22 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.42932 GHz | -40.69 dBm | -27.69 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 17.84397 GHz | -38.49 dBm | -25.49 dB |

Date: 27.APR.2019 03:30:10

# Frequency Stability

| Test Conditions | | LTE Band 66 (QPSK) / Middle Channel | Limit |
|---|---|---|---|
| Temperature (°C) | Voltage (Volt) | BW 10MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0015 | PASS |
| 40 | Normal Voltage | 0.0050 | |
| 30 | Normal Voltage | 0.0030 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0007 | |
| 0 | Normal Voltage | 0.0044 | |
| -10 | Normal Voltage | 0.0022 | |
| -20 | Normal Voltage | 0.0032 | |
| -30 | Normal Voltage | 0.0003 | |
| 20 | Maximum Voltage | 0.0036 | |
| 20 | Normal Voltage | 0.0000 | |
| 20 | Battery End Point | 0.0032 | |

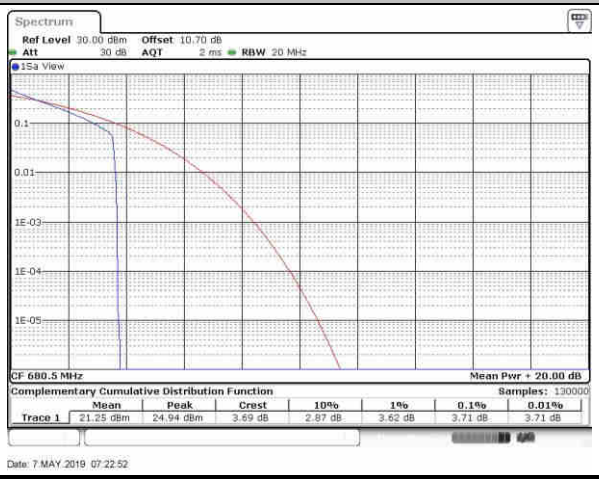
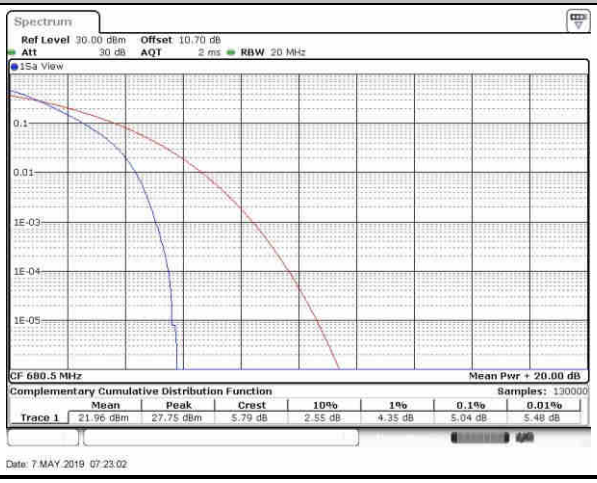
**Note:**

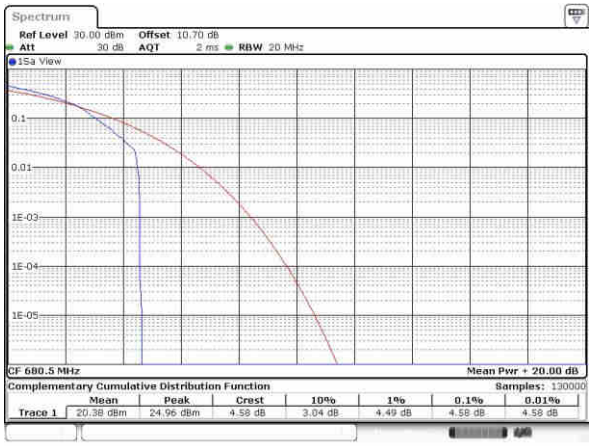
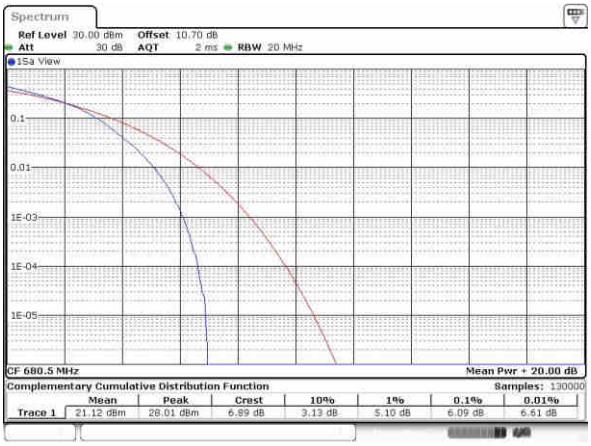
1. Normal Voltage =3.85 V.；Battery End Point (BEP) =3.5 V.；Maximum Voltage =4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

# LTE Band 71

## Peak-to-Average Ratio

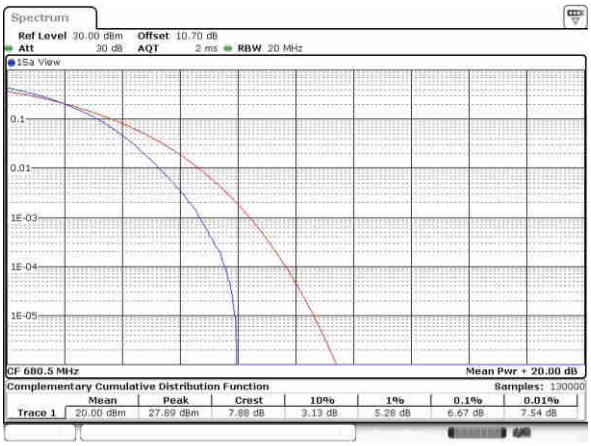
| Mode | LTE Band 71 / 20MHz | | | | |
|---|---|---|---|---|---|
| Mod. | QPSK | | 16QAM | | Limit: 13dB |
| RB Size | 1RB | Full RB | 1RB | Full RB | Result |
| Lowest CH | 3.77 | 5.07 | 4.41 | 6.12 | PASS |
| Middle CH | 3.71 | 5.04 | 4.58 | 6.09 | |
| Highest CH | 3.86 | 5.19 | 4.38 | 6.14 | |
| Mode | LTE Band 71 / 20MHz | | | | |
| Mod. | 64QAM | | | | Limit: 13dB |
| RB Size | 1RB | Full RB | | | Result |
| Lowest CH | 5.77 | 6.58 | - | - | PASS |
| Middle CH | 5.33 | 6.67 | - | - | |
| Highest CH | 5.36 | 6.70 | - | - | |

| LTE Band 71 / 20MHz / QPSK | |
|---|---|
| Middle Channel / 1RB | Middle Channel / Full RB |
|  |  |

| LTE Band 71 / 20MHz / 16QAM | |
|---|---|
| **Middle Channel / 1RB** | **Middle Channel / Full RB** |
|  |  |





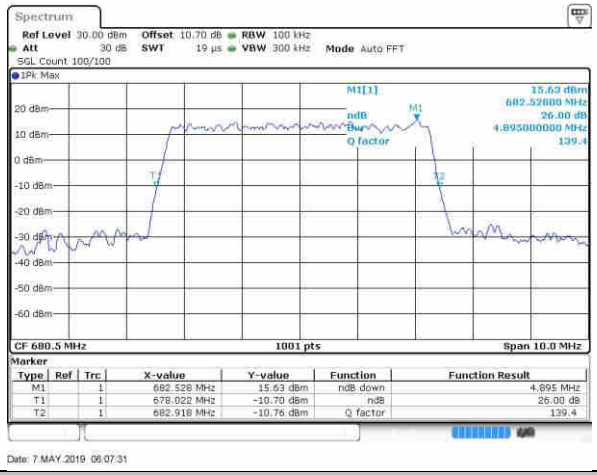
| LTE Band 71 / 20MHz / 64QAM | |
|---|---|
| **Middle Channel / 1RB** | **Middle Channel / Full RB** |
| |  |

# 26dB Bandwidth

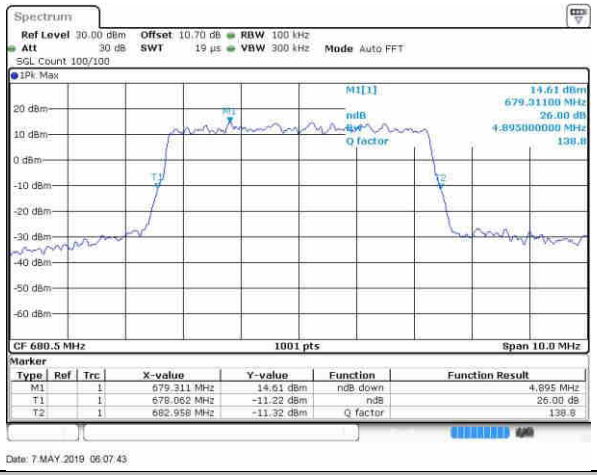
| Mode | LTE Band 71 : 26dB BW(MHz) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BW | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| Mod. | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM |
| Lowest CH | - | - | - | - | 4.88 | 4.93 | 9.87 | 9.63 | 14.42 | 14.33 | 19.02 | 19.14 |
| Middle CH | - | - | - | - | 4.90 | 4.90 | 9.73 | 9.81 | 14.42 | 14.51 | 19.14 | 18.98 |
| Highest CH | - | - | - | - | 4.88 | 4.90 | 9.87 | 9.85 | 14.57 | 14.42 | 18.86 | 18.74 |
| Mode | LTE Band 71 : 26dB BW(MHz) | | | | | | | | | | | |
| BW | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| Mod. | 64QAM | | 64QAM | | 64QAM | | 64QAM | | 64QAM | | 64QAM | |
| Lowest CH | - | - | - | - | 4.79 | - | 10.01 | - | 14.39 | - | 18.90 | - |
| Middle CH | - | - | - | - | 4.96 | - | 9.75 | - | 14.33 | - | 18.74 | - |
| Highest CH | - | - | - | - | 4.89 | - | 9.77 | - | 14.45 | - | 18.66 | - |

## LTE Band 71

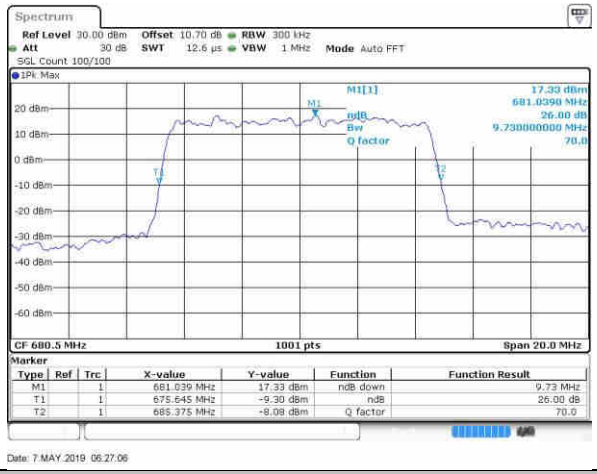
### Middle Channel / 5MHz / QPSK



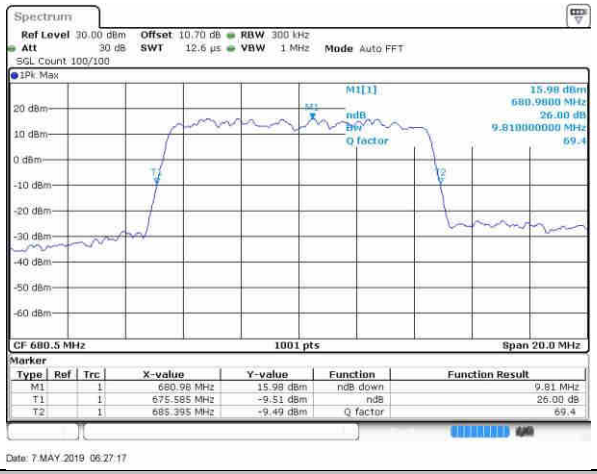

### Middle Channel / 5MHz / 16QAM



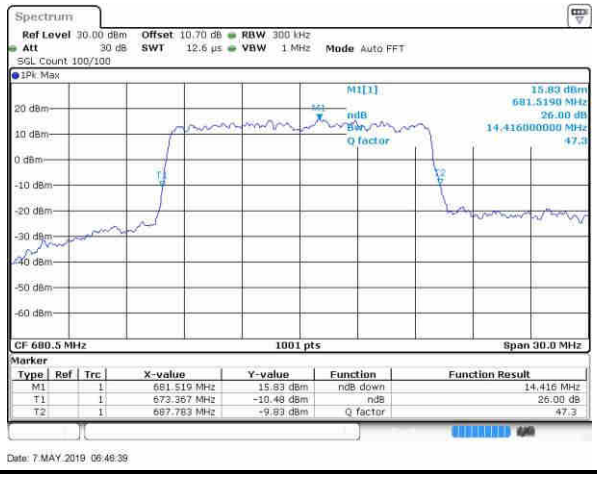

### Middle Channel / 10MHz / QPSK



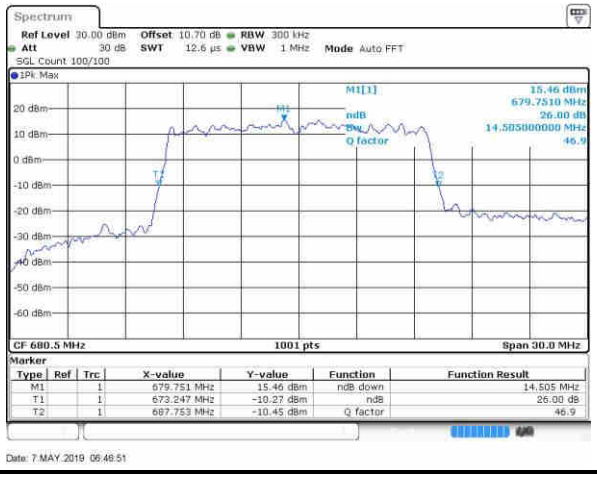

### Middle Channel / 10MHz / 16QAM




### Middle Channel / 15MHz / QPSK

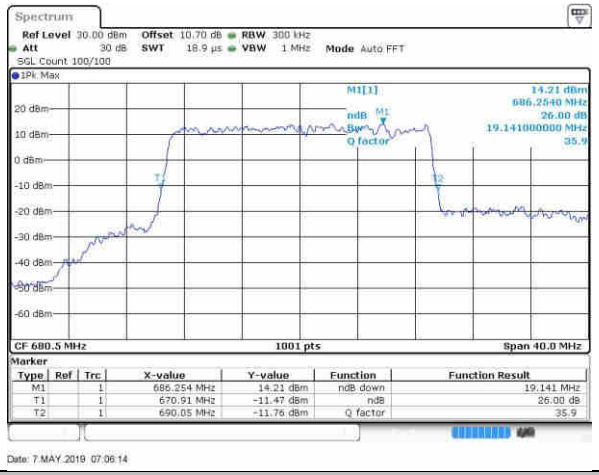



### Middle Channel / 15MHz / 16QAM



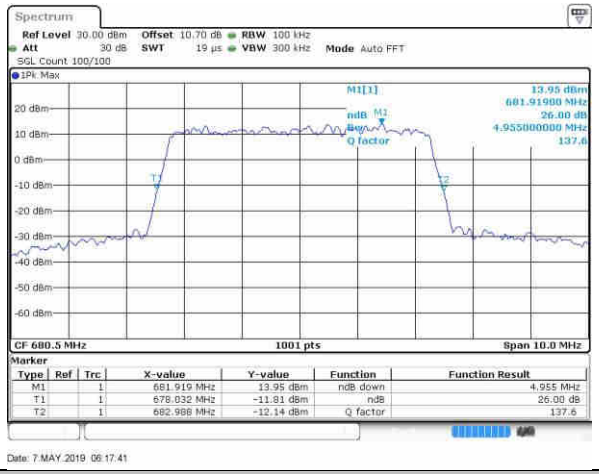
## LTE Band 71

### Middle Channel / 20MHz / QPSK

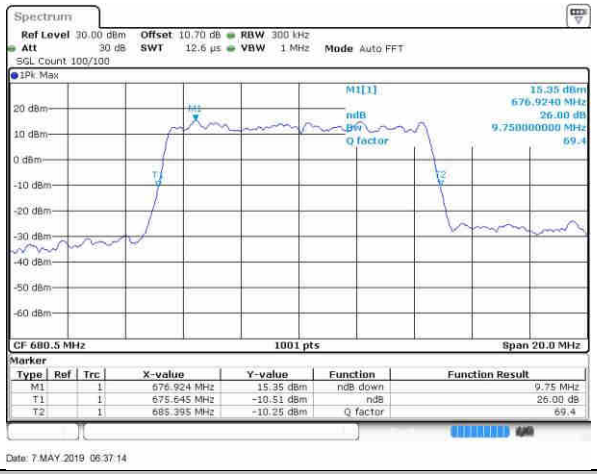



### Middle Channel / 20MHz / 16QAM

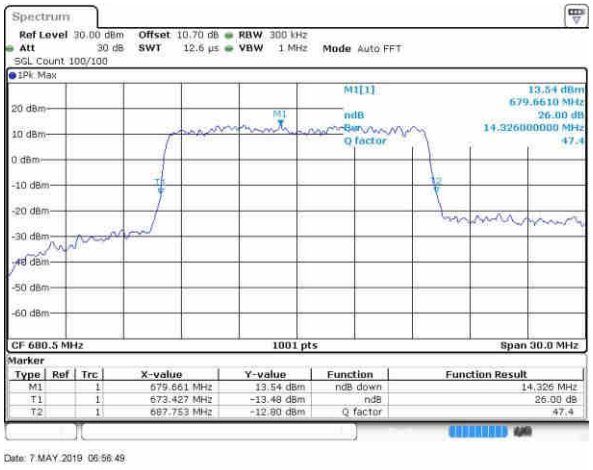
### Middle Channel / 5MHz / 64QAM



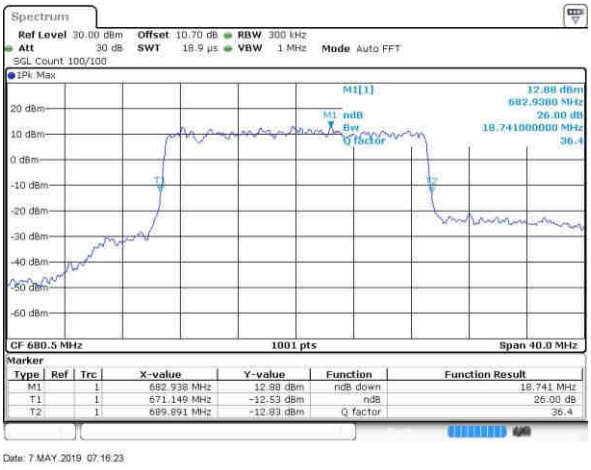

### Middle Channel / 10MHz / 64QAM




### Middle Channel / 15MHz / 64QAM




### Middle Channel / 20MHz / 64QAM

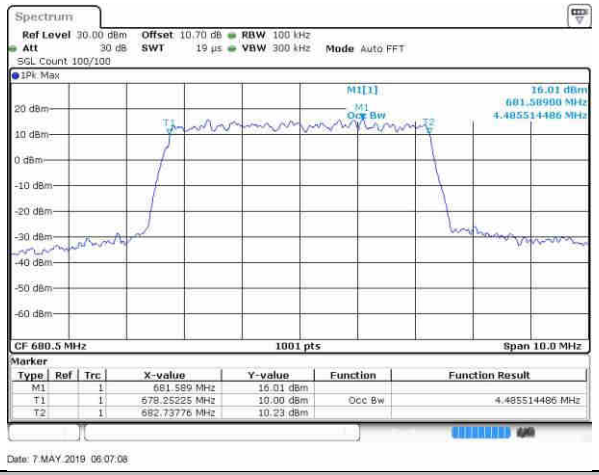


# Occupied Bandwidth

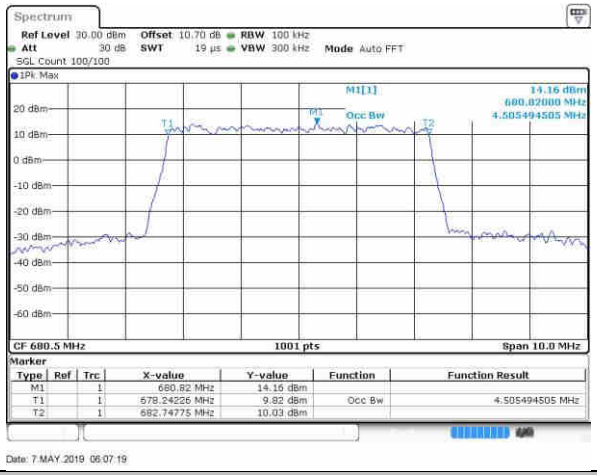
| Mode | LTE Band 71 : 99%OBW(MHz) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BW | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| Mod. | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM |
| Lowest CH | - | - | - | - | 4.51 | 4.49 | 9.07 | 9.03 | 13.40 | 13.37 | 17.82 | 17.82 |
| Middle CH | - | - | - | - | 4.49 | 4.51 | 9.05 | 8.99 | 13.40 | 13.37 | 17.90 | 17.82 |
| Highest CH | - | - | - | - | 4.49 | 4.47 | 9.01 | 9.01 | 13.37 | 13.43 | 17.90 | 17.94 |
| Mode | LTE Band 71 : 99%OBW(MHz) | | | | | | | | | | | |
| BW | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| Mod. | 64QAM | | 64QAM | | 64QAM | | 64QAM | | 64QAM | | 64QAM | |
| Lowest CH | - | - | - | - | 4.50 | - | 9.01 | - | 13.31 | - | 17.82 | - |
| Middle CH | - | - | - | - | 4.50 | - | 9.05 | - | 13.40 | - | 17.86 | - |
| Highest CH | - | - | - | - | 4.50 | - | 8.97 | - | 13.46 | - | 17.78 | - |

## LTE Band 71

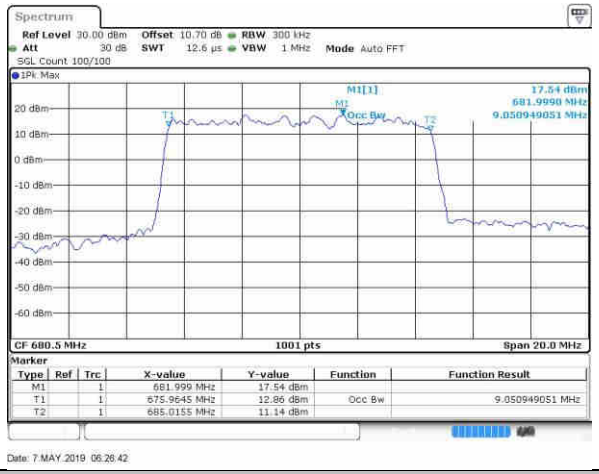
### Middle Channel / 5MHz / QPSK



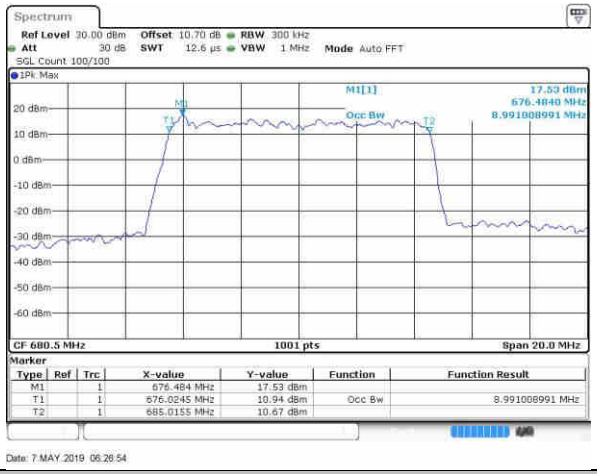

### Middle Channel / 5MHz / 16QAM



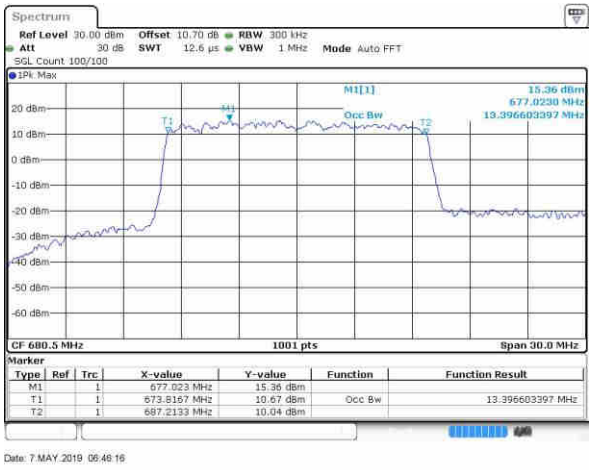

### Middle Channel / 10MHz / QPSK



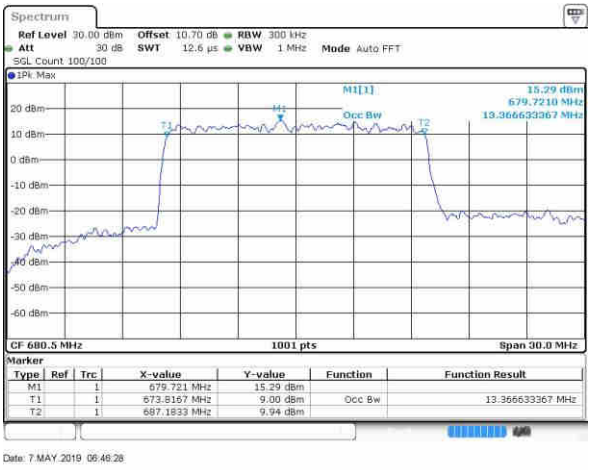

### Middle Channel / 10MHz / 16QAM




### Middle Channel / 15MHz / QPSK

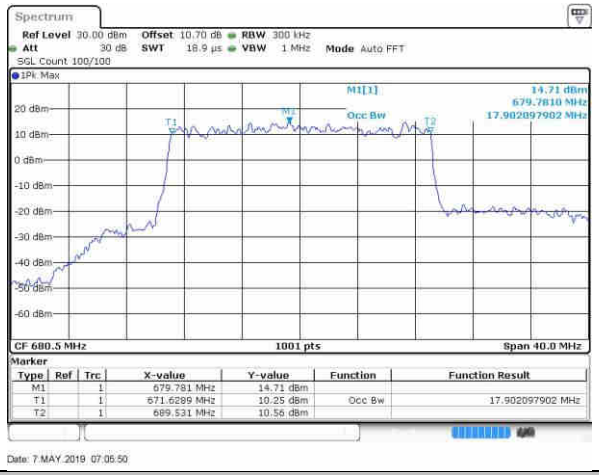



### Middle Channel / 15MHz / 16QAM

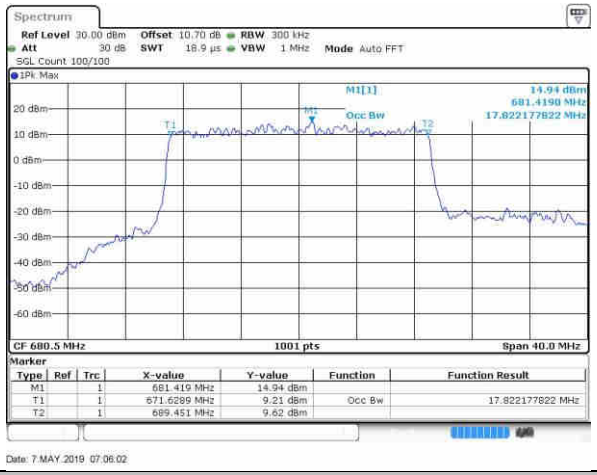


## LTE Band 71

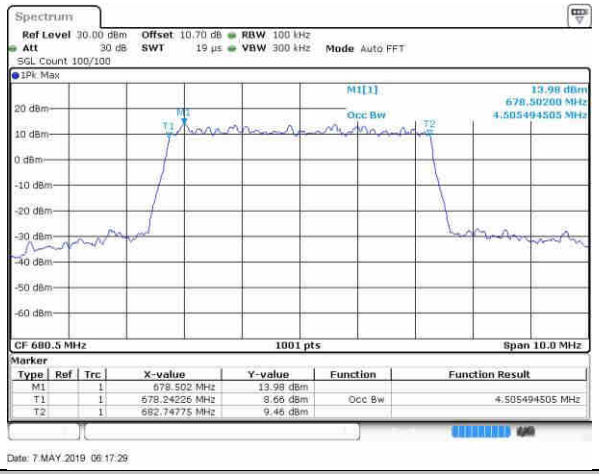
### Middle Channel / 20MHz / QPSK



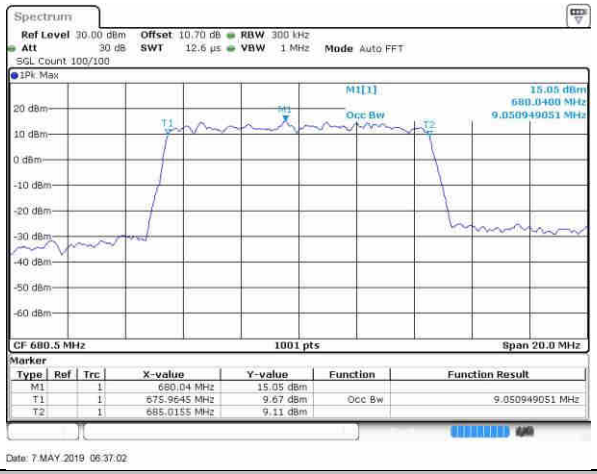

### Middle Channel / 20MHz / 16QAM



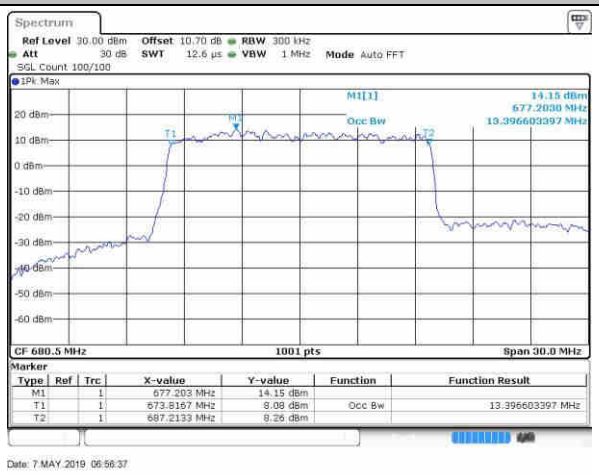

### Middle Channel / 5MHz / 64QAM



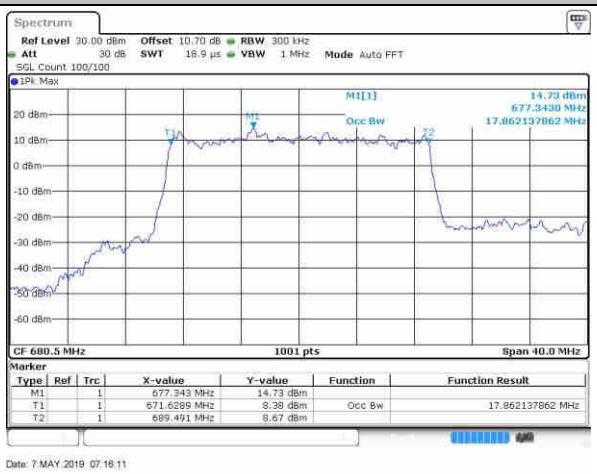

### Middle Channel / 10MHz / 64QAM




### Middle Channel / 15MHz / 64QAM



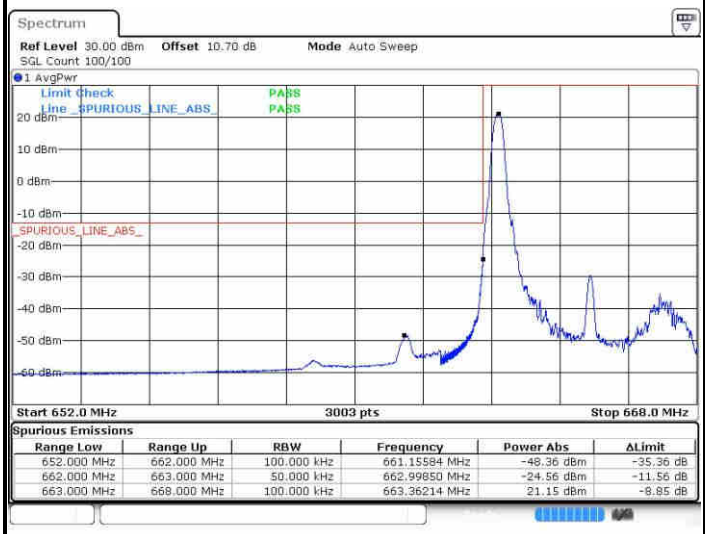

### Middle Channel / 20MHz / 64QAM



# Conducted Band Edge

## LTE Band 71 / 5MHz / QPSK

### Lowest Band Edge / 1 RB

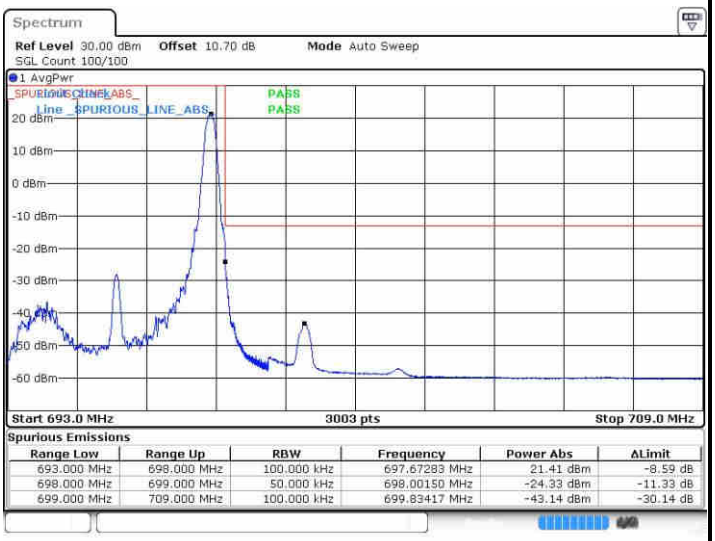



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 652.000 MHz | 662.000 MHz | 100.000 kHz | 661.15584 MHz | -48.36 dBm | -35.36 dB |
| 662.000 MHz | 663.000 MHz | 50.000 kHz | 662.99850 MHz | -24.56 dBm | -11.56 dB |
| 663.000 MHz | 668.000 MHz | 100.000 kHz | 663.36214 MHz | 21.15 dBm | -8.85 dB |

Date: 7.MAY.2019 06:03:08

### Highest Band Edge / 1 RB

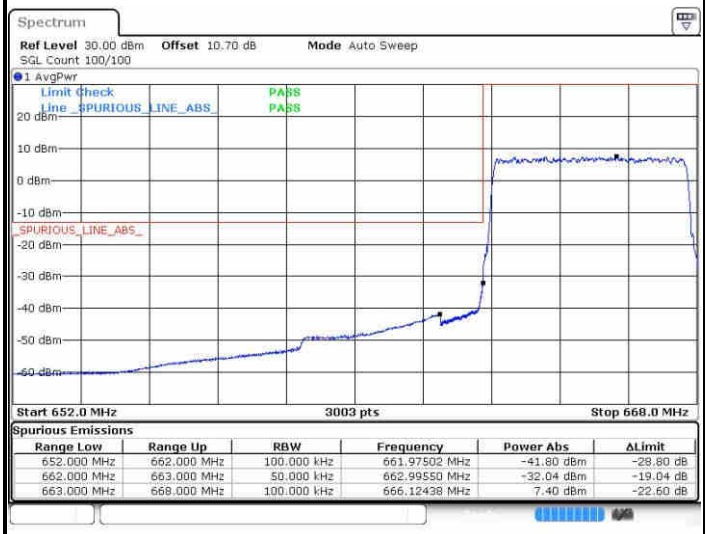



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 693.000 MHz | 698.000 MHz | 100.000 kHz | 697.67283 MHz | 21.41 dBm | -8.59 dB |
| 698.000 MHz | 699.000 MHz | 50.000 kHz | 698.00150 MHz | -24.33 dBm | -11.33 dB |
| 699.000 MHz | 709.000 MHz | 100.000 kHz | 699.83417 MHz | -43.14 dBm | -30.14 dB |

Date: 7.MAY.2019 06:10:48

### Lowest Band Edge / Full RB




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 652.000 MHz | 662.000 MHz | 100.000 kHz | 661.97502 MHz | -41.80 dBm | -28.80 dB |
| 662.000 MHz | 663.000 MHz | 50.000 kHz | 662.99550 MHz | -32.04 dBm | -19.04 dB |
| 663.000 MHz | 668.000 MHz | 100.000 kHz | 666.12438 MHz | 7.40 dBm | -22.60 dB |

Date: 7.MAY.2019 06:04:40

### Highest Band Edge / Full RB

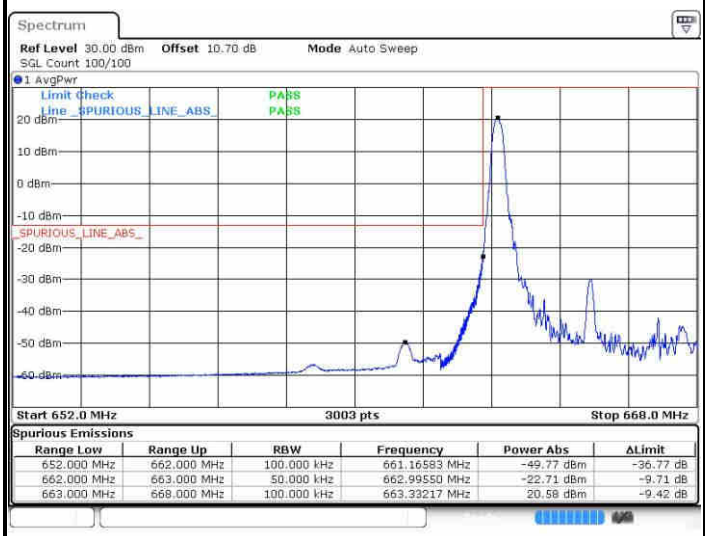
Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 693.000 MHz | 698.000 MHz | 100.000 kHz | 694.73077 MHz | 7.47 dBm | -22.53 dB |
| 698.000 MHz | 699.000 MHz | 50.000 kHz | 698.00150 MHz | -31.35 dBm | -18.35 dB |
| 699.000 MHz | 709.000 MHz | 100.000 kHz | 699.02498 MHz | -35.31 dBm | -22.31 dB |

Date: 7.MAY.2019 06:12:20

## LTE Band 71 / 5MHz / 16QAM

### Lowest Band Edge / 1 RB

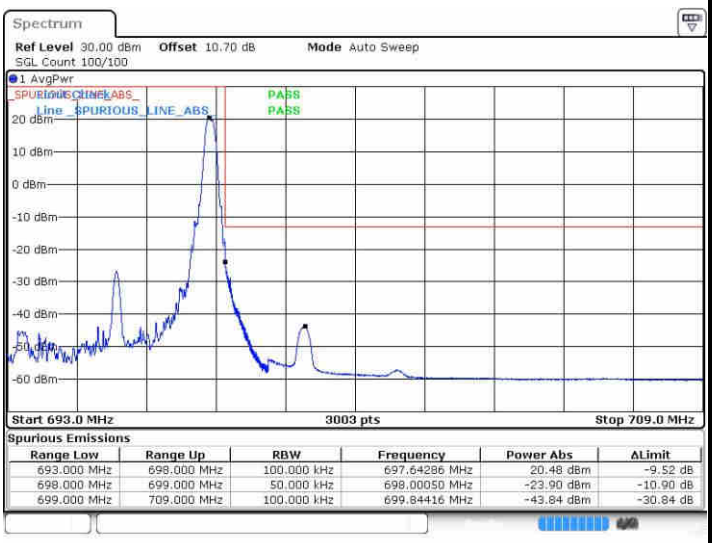



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 652.000 MHz | 662.000 MHz | 100.000 kHz | 661.16583 MHz | -49.77 dBm | -36.77 dB |
| 662.000 MHz | 663.000 MHz | 50.000 kHz | 662.99550 MHz | -22.71 dBm | -9.71 dB |
| 663.000 MHz | 668.000 MHz | 100.000 kHz | 663.33217 MHz | 20.58 dBm | -9.42 dB |

Date: 7.MAY.2019 06:03:54

### Highest Band Edge / 1 RB

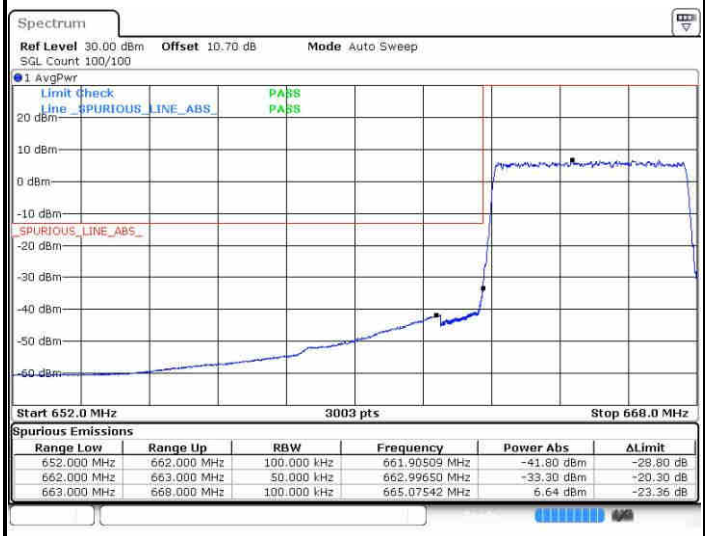



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 693.000 MHz | 698.000 MHz | 100.000 kHz | 697.64286 MHz | 20.48 dBm | -9.52 dB |
| 698.000 MHz | 699.000 MHz | 50.000 kHz | 698.00050 MHz | -23.90 dBm | -10.90 dB |
| 699.000 MHz | 709.000 MHz | 100.000 kHz | 699.84416 MHz | -43.84 dBm | -30.84 dB |

Date: 7.MAY.2019 06:11:34

### Lowest Band Edge / Full RB

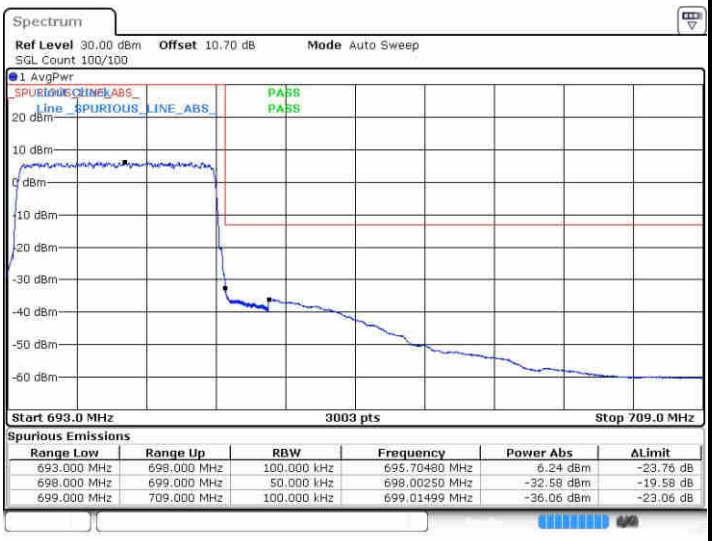



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 652.000 MHz | 662.000 MHz | 100.000 kHz | 661.90509 MHz | -41.80 dBm | -28.80 dB |
| 662.000 MHz | 663.000 MHz | 50.000 kHz | 662.99650 MHz | -33.30 dBm | -20.30 dB |
| 663.000 MHz | 668.000 MHz | 100.000 kHz | 665.07542 MHz | 6.64 dBm | -23.36 dB |

Date: 7.MAY.2019 06:05:26

### Highest Band Edge / Full RB



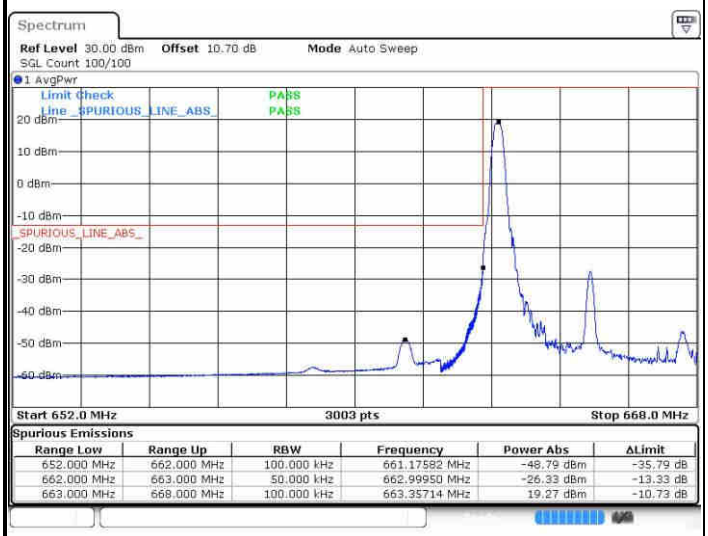

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 693.000 MHz | 698.000 MHz | 100.000 kHz | 695.70480 MHz | 6.24 dBm | -23.76 dB |
| 698.000 MHz | 699.000 MHz | 50.000 kHz | 698.00250 MHz | -32.58 dBm | -19.58 dB |
| 699.000 MHz | 709.000 MHz | 100.000 kHz | 699.01499 MHz | -36.06 dBm | -23.06 dB |

Date: 7.MAY.2019 06:13:06

## LTE Band 71 / 5MHz / 64QAM

### Lowest Band Edge / 1RB

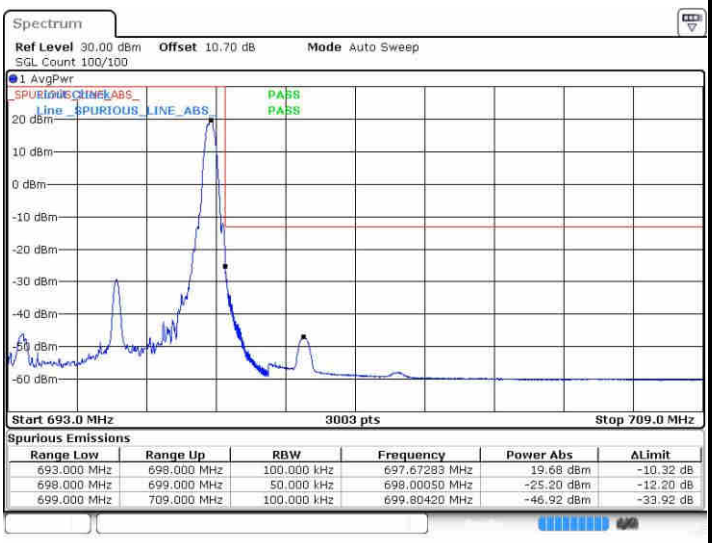



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 652.000 MHz | 662.000 MHz | 100.000 kHz | 661.17582 MHz | -48.79 dBm | -35.79 dB |
| 662.000 MHz | 663.000 MHz | 50.000 kHz | 662.99950 MHz | -26.33 dBm | -13.33 dB |
| 663.000 MHz | 668.000 MHz | 100.000 kHz | 663.35714 MHz | 19.27 dBm | -10.73 dB |

Date: 7.MAY.2019 06:15:47

### Highest Band Edge / 1 RB

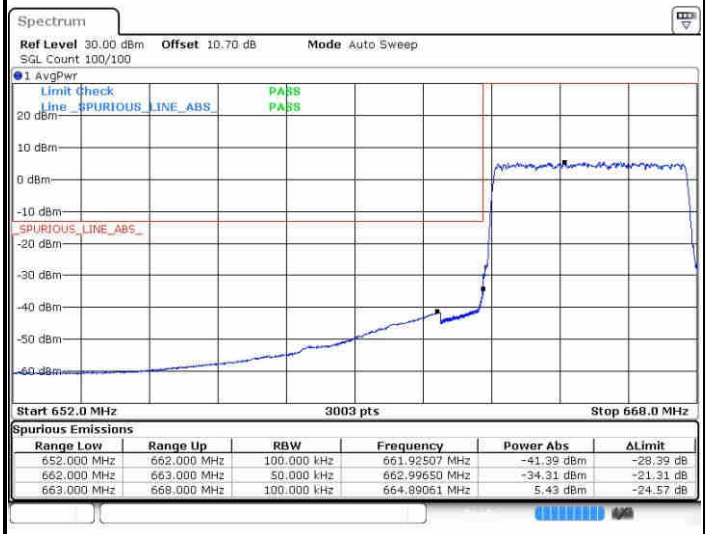



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 693.000 MHz | 698.000 MHz | 100.000 kHz | 697.67283 MHz | 19.68 dBm | -10.32 dB |
| 698.000 MHz | 699.000 MHz | 50.000 kHz | 698.00050 MHz | -25.20 dBm | -12.20 dB |
| 699.000 MHz | 709.000 MHz | 100.000 kHz | 699.80420 MHz | -46.92 dBm | -33.92 dB |

Date: 7.MAY.2019 06:19:36

### Lowest Band Edge / Full RB

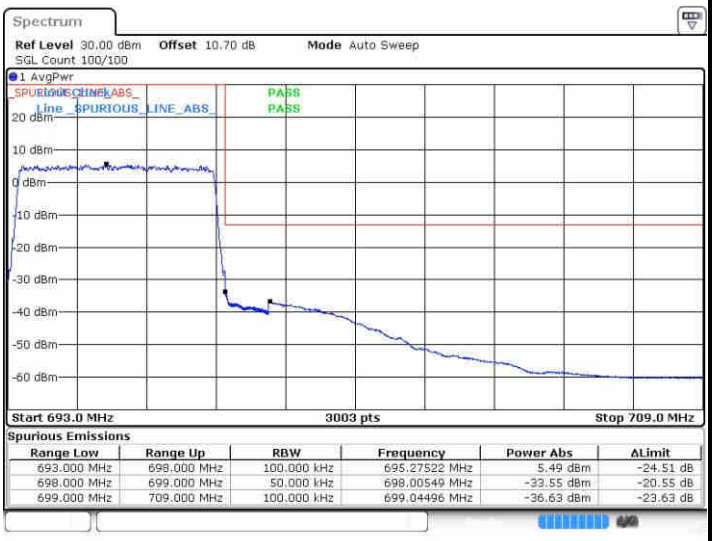



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 652.000 MHz | 662.000 MHz | 100.000 kHz | 661.92507 MHz | -41.39 dBm | -28.39 dB |
| 662.000 MHz | 663.000 MHz | 50.000 kHz | 662.99650 MHz | -34.31 dBm | -21.31 dB |
| 663.000 MHz | 668.000 MHz | 100.000 kHz | 664.89061 MHz | 5.43 dBm | -24.57 dB |

Date: 7.MAY.2019 06:16:33

### Highest Band Edge / Full RB



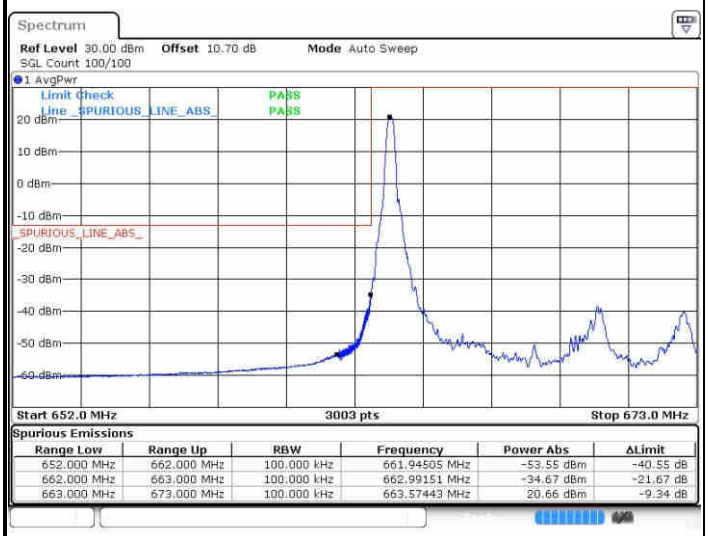

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 693.000 MHz | 698.000 MHz | 100.000 kHz | 695.27522 MHz | 5.49 dBm | -24.51 dB |
| 698.000 MHz | 699.000 MHz | 50.000 kHz | 698.00549 MHz | -33.55 dBm | -20.55 dB |
| 699.000 MHz | 709.000 MHz | 100.000 kHz | 699.04496 MHz | -36.63 dBm | -23.63 dB |

Date: 7.MAY.2019 06:20:23

## LTE Band 71 / 10MHz / QPSK

### Lowest Band Edge / 1 RB

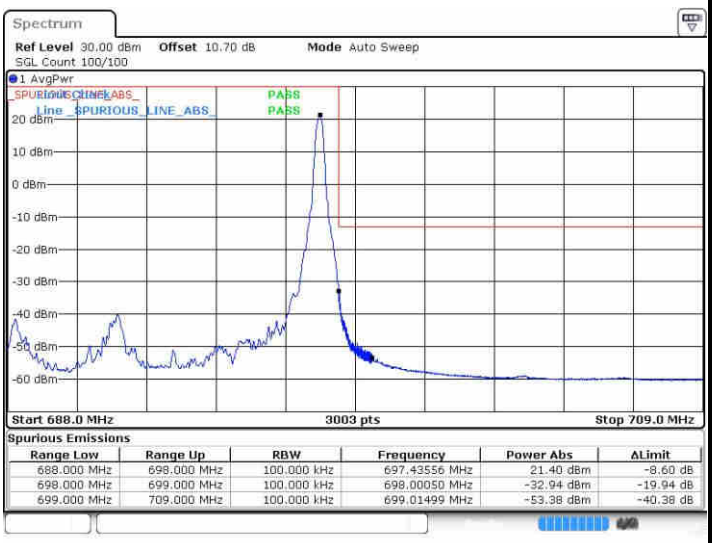



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 652.000 MHz | 662.000 MHz | 100.000 kHz | 661.94505 MHz | -53.55 dBm | -40.55 dB |
| 662.000 MHz | 663.000 MHz | 100.000 kHz | 662.99151 MHz | -34.67 dBm | -21.67 dB |
| 663.000 MHz | 673.000 MHz | 100.000 kHz | 663.57443 MHz | 20.66 dBm | -9.34 dB |

Date: 7.MAY.2019 06:22:43

### Highest Band Edge / 1 RB

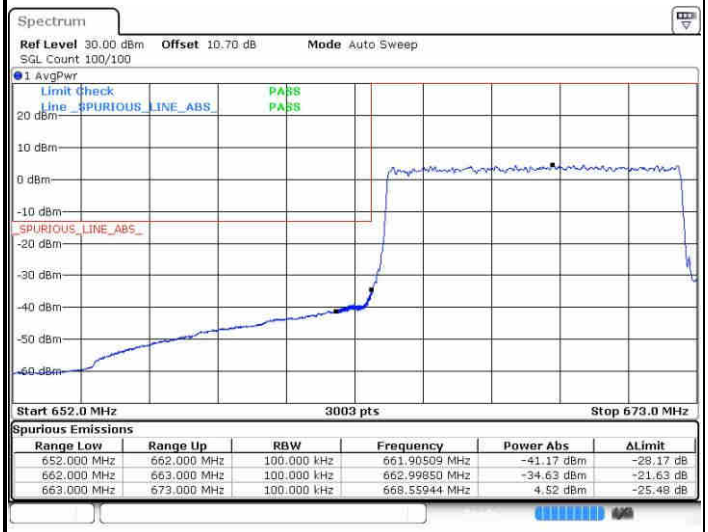



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 688.000 MHz | 698.000 MHz | 100.000 kHz | 697.43556 MHz | 21.40 dBm | -8.60 dB |
| 698.000 MHz | 699.000 MHz | 100.000 kHz | 698.00050 MHz | -32.94 dBm | -19.94 dB |
| 699.000 MHz | 709.000 MHz | 100.000 kHz | 699.01499 MHz | -53.38 dBm | -40.38 dB |

Date: 7.MAY.2019 06:30:22

### Lowest Band Edge / Full RB

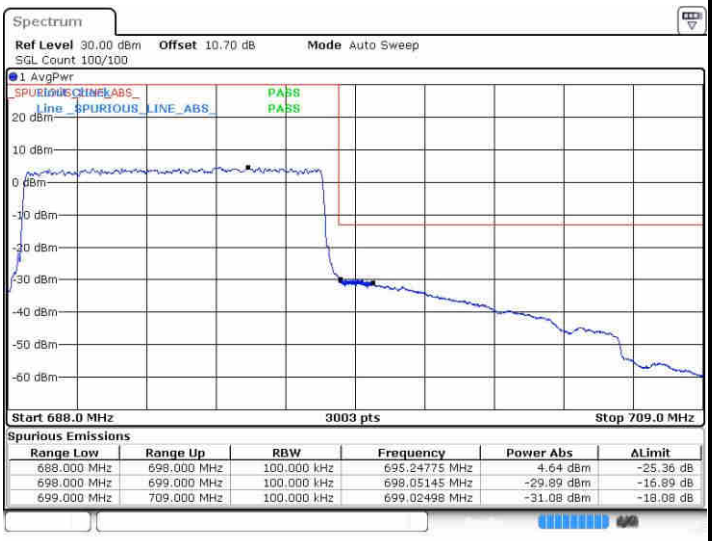



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 652.000 MHz | 662.000 MHz | 100.000 kHz | 661.90509 MHz | -41.17 dBm | -28.17 dB |
| 662.000 MHz | 663.000 MHz | 100.000 kHz | 662.99850 MHz | -34.63 dBm | -21.63 dB |
| 663.000 MHz | 673.000 MHz | 100.000 kHz | 668.55944 MHz | 4.52 dBm | -25.48 dB |

Date: 7.MAY.2019 06:24:15

### Highest Band Edge / Full RB



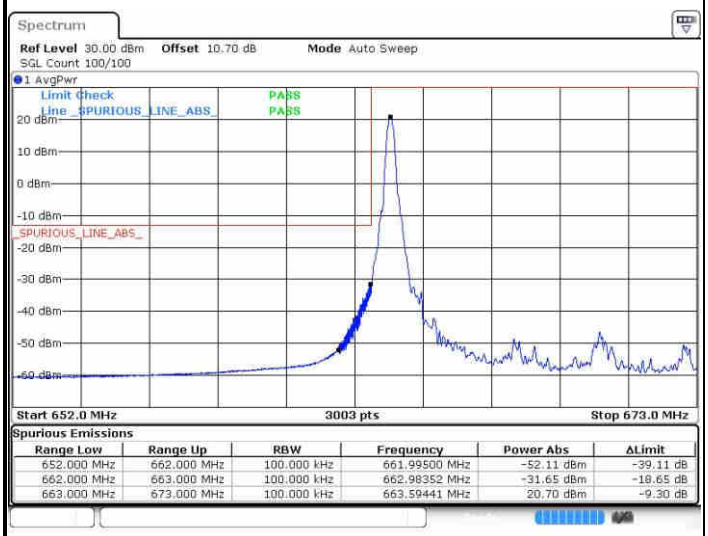

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 688.000 MHz | 698.000 MHz | 100.000 kHz | 695.24775 MHz | 4.64 dBm | -25.36 dB |
| 698.000 MHz | 699.000 MHz | 100.000 kHz | 698.05145 MHz | -29.89 dBm | -16.89 dB |
| 699.000 MHz | 709.000 MHz | 100.000 kHz | 699.02498 MHz | -31.08 dBm | -18.08 dB |

Date: 7.MAY.2019 06:31:54

## LTE Band 71 / 10MHz / 16QAM

### Lowest Band Edge / 1 RB

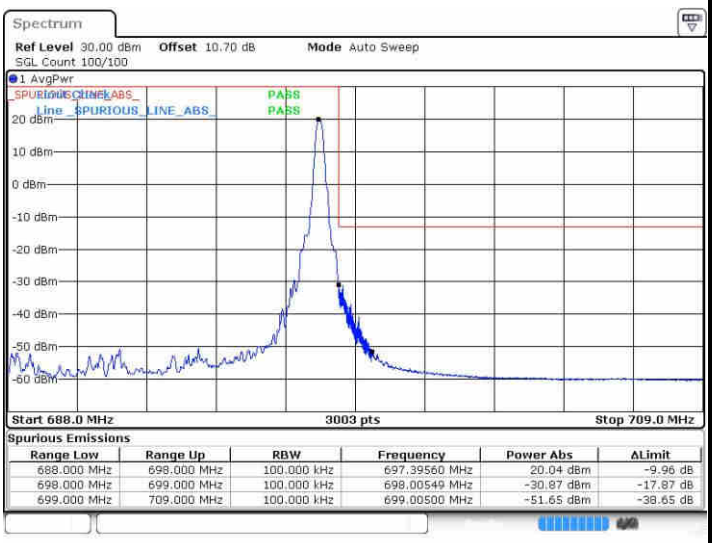



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 652.000 MHz | 662.000 MHz | 100.000 kHz | 661.99500 MHz | -52.11 dBm | -39.11 dB |
| 662.000 MHz | 663.000 MHz | 100.000 kHz | 662.98352 MHz | -31.65 dBm | -18.65 dB |
| 663.000 MHz | 673.000 MHz | 100.000 kHz | 663.59441 MHz | 20.70 dBm | -9.30 dB |

Date: 7.MAY.2019 06:23:29

### Highest Band Edge / 1 RB

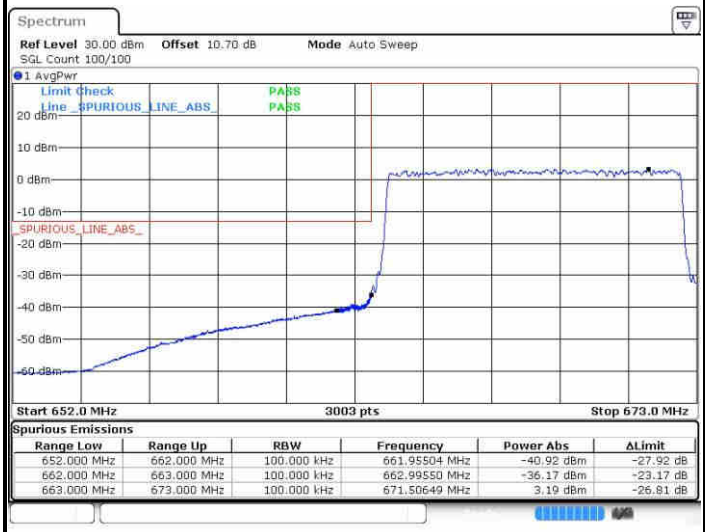



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 688.000 MHz | 698.000 MHz | 100.000 kHz | 697.39560 MHz | 20.04 dBm | -9.96 dB |
| 698.000 MHz | 699.000 MHz | 100.000 kHz | 698.00549 MHz | -30.87 dBm | -17.87 dB |
| 699.000 MHz | 709.000 MHz | 100.000 kHz | 699.00500 MHz | -51.65 dBm | -38.65 dB |

Date: 7.MAY.2019 06:31:08

### Lowest Band Edge / Full RB

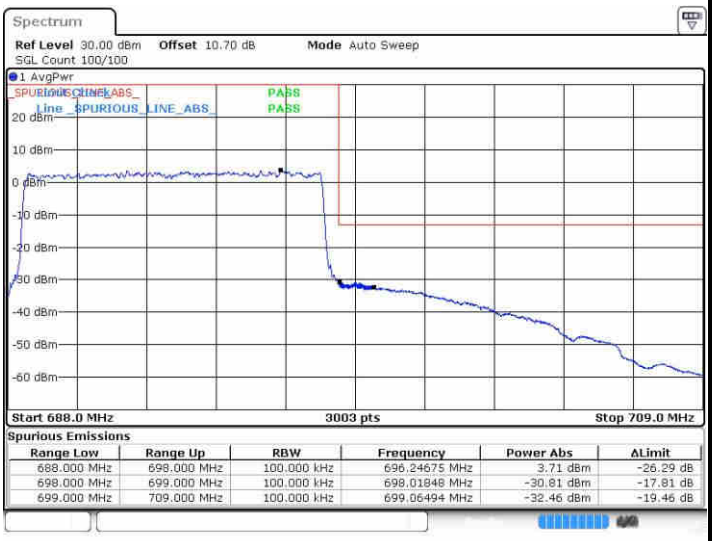



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 652.000 MHz | 662.000 MHz | 100.000 kHz | 661.95504 MHz | -40.92 dBm | -27.92 dB |
| 662.000 MHz | 663.000 MHz | 100.000 kHz | 662.99550 MHz | -36.17 dBm | -23.17 dB |
| 663.000 MHz | 673.000 MHz | 100.000 kHz | 671.50649 MHz | 3.19 dBm | -26.81 dB |

Date: 7.MAY.2019 06:25:00

### Highest Band Edge / Full RB



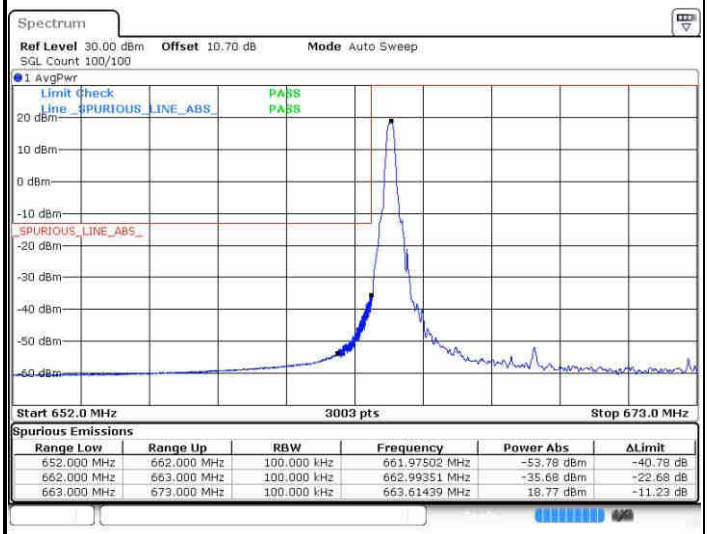

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 688.000 MHz | 698.000 MHz | 100.000 kHz | 696.24675 MHz | 3.71 dBm | -26.29 dB |
| 698.000 MHz | 699.000 MHz | 100.000 kHz | 698.01848 MHz | -30.81 dBm | -17.81 dB |
| 699.000 MHz | 709.000 MHz | 100.000 kHz | 699.06494 MHz | -32.46 dBm | -19.46 dB |

Date: 7.MAY.2019 06:32:40

## LTE Band 71 / 10MHz / 64QAM

### Lowest Band Edge / 1 RB

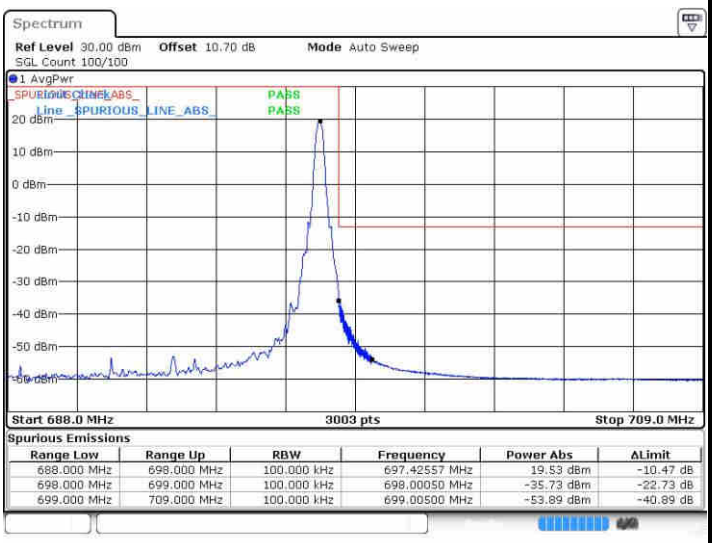



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 652.000 MHz | 662.000 MHz | 100.000 kHz | 661.97502 MHz | -53.78 dBm | -40.78 dB |
| 662.000 MHz | 663.000 MHz | 100.000 kHz | 662.99351 MHz | -35.68 dBm | -22.68 dB |
| 663.000 MHz | 673.000 MHz | 100.000 kHz | 663.61439 MHz | 18.77 dBm | -11.23 dB |

Date: 7.MAY.2019 06:35:20

### Highest Band Edge / 1 RB

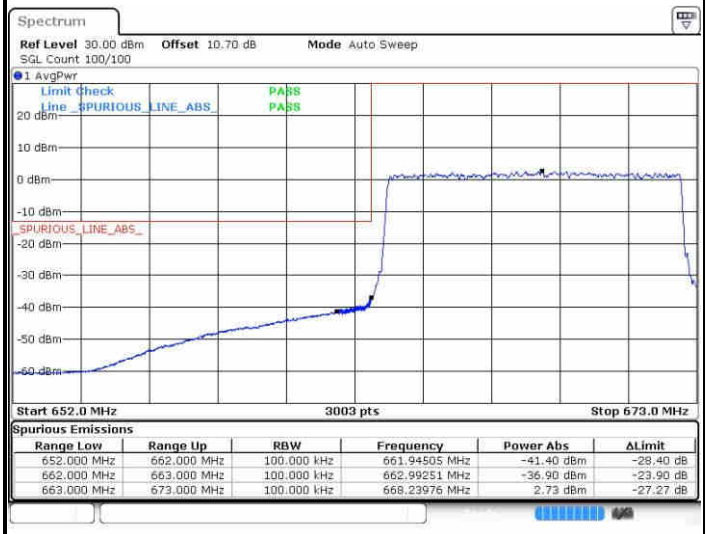



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 688.000 MHz | 698.000 MHz | 100.000 kHz | 697.42557 MHz | 19.53 dBm | -10.47 dB |
| 698.000 MHz | 699.000 MHz | 100.000 kHz | 698.00050 MHz | -35.73 dBm | -22.73 dB |
| 699.000 MHz | 709.000 MHz | 100.000 kHz | 699.00500 MHz | -53.89 dBm | -40.89 dB |

Date: 7.MAY.2019 06:39:09

### Lowest Band Edge / Full RB

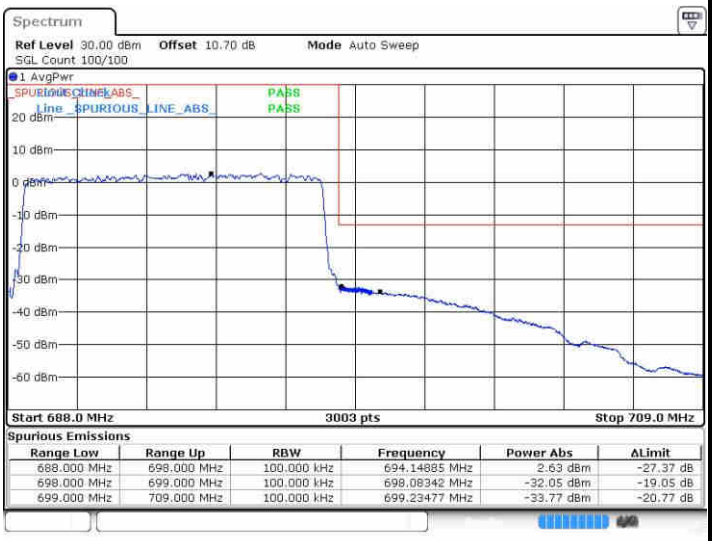



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 652.000 MHz | 662.000 MHz | 100.000 kHz | 661.94505 MHz | -41.40 dBm | -28.40 dB |
| 662.000 MHz | 663.000 MHz | 100.000 kHz | 662.99251 MHz | -36.90 dBm | -23.90 dB |
| 663.000 MHz | 673.000 MHz | 100.000 kHz | 668.23976 MHz | 2.73 dBm | -27.27 dB |

Date: 7.MAY.2019 06:36:06

### Highest Band Edge / Full RB



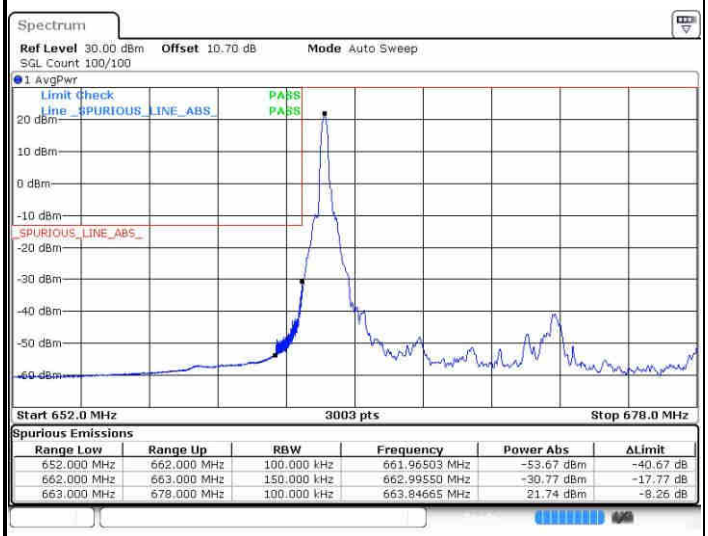

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 688.000 MHz | 698.000 MHz | 100.000 kHz | 694.14885 MHz | 2.63 dBm | -27.37 dB |
| 698.000 MHz | 699.000 MHz | 100.000 kHz | 698.08342 MHz | -32.05 dBm | -19.05 dB |
| 699.000 MHz | 709.000 MHz | 100.000 kHz | 699.23477 MHz | -33.77 dBm | -20.77 dB |

Date: 7.MAY.2019 06:39:55

## LTE Band 71 / 15MHz / QPSK

### Lowest Band Edge / 1 RB

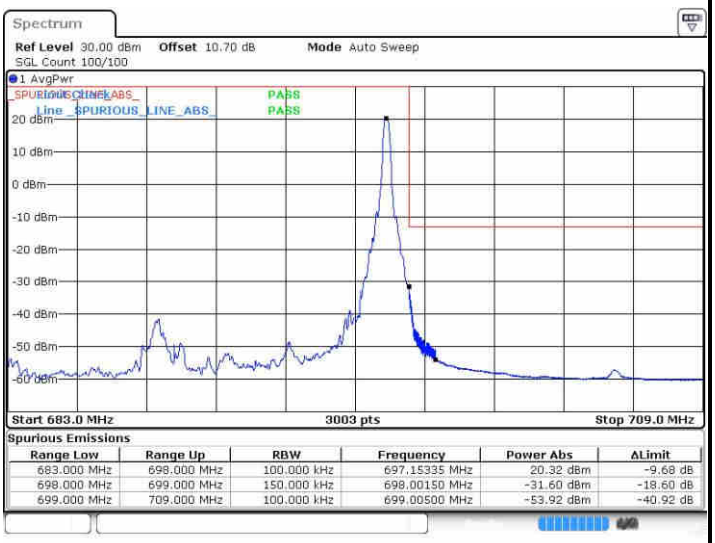



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 652.000 MHz | 662.000 MHz | 100.000 kHz | 661.96503 MHz | -53.67 dBm | -40.67 dB |
| 662.000 MHz | 663.000 MHz | 150.000 kHz | 662.99550 MHz | -30.77 dBm | -17.77 dB |
| 663.000 MHz | 678.000 MHz | 100.000 kHz | 663.84665 MHz | 21.74 dBm | -8.26 dB |

Date: 7.MAY.2019 06:42:16

### Highest Band Edge / 1 RB

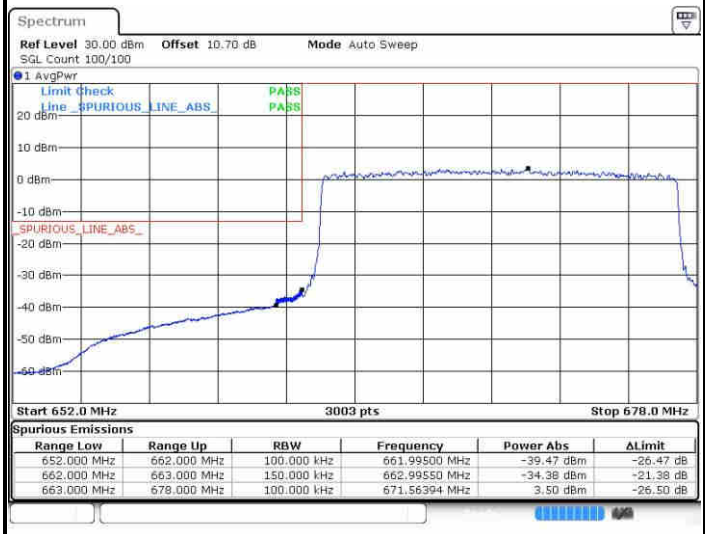



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 683.000 MHz | 698.000 MHz | 100.000 kHz | 697.15335 MHz | 20.32 dBm | -9.68 dB |
| 698.000 MHz | 699.000 MHz | 150.000 kHz | 698.00150 MHz | -31.60 dBm | -18.60 dB |
| 699.000 MHz | 709.000 MHz | 100.000 kHz | 699.00500 MHz | -53.92 dBm | -40.92 dB |

Date: 7.MAY.2019 06:49:56

### Lowest Band Edge / Full RB

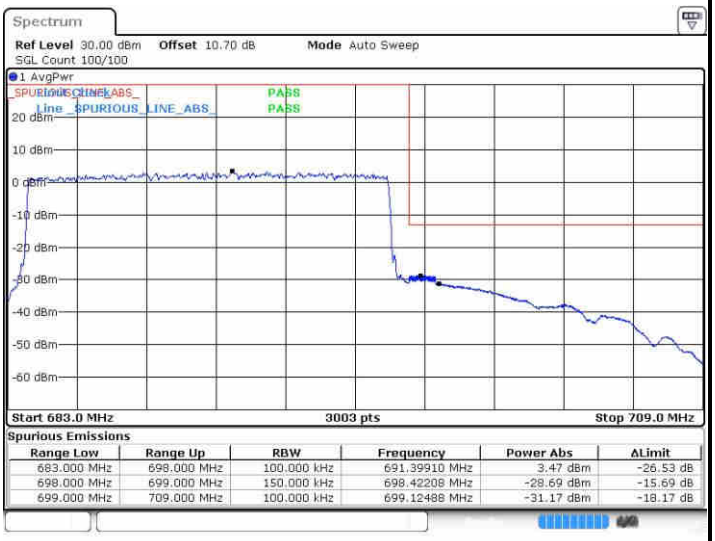



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 652.000 MHz | 662.000 MHz | 100.000 kHz | 661.99500 MHz | -39.47 dBm | -26.47 dB |
| 662.000 MHz | 663.000 MHz | 150.000 kHz | 662.99550 MHz | -34.38 dBm | -21.38 dB |
| 663.000 MHz | 678.000 MHz | 100.000 kHz | 671.56394 MHz | 3.50 dBm | -26.50 dB |

Date: 7.MAY.2019 06:43:48

### Highest Band Edge / Full RB



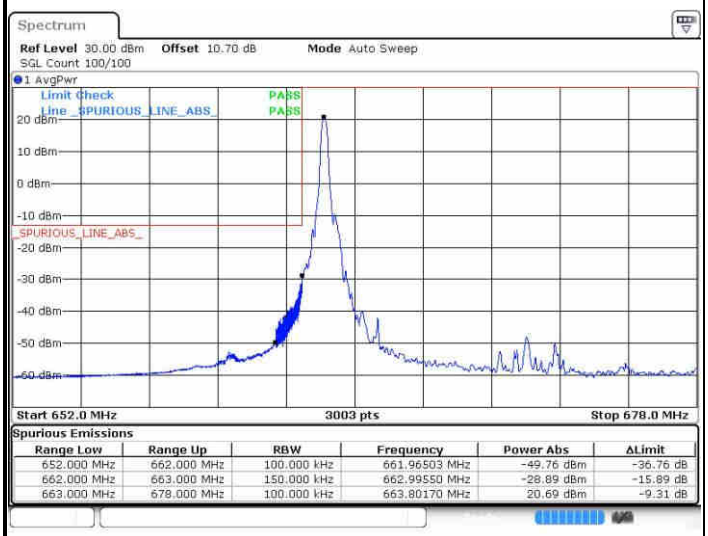

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 683.000 MHz | 698.000 MHz | 100.000 kHz | 691.39910 MHz | 3.47 dBm | -26.53 dB |
| 698.000 MHz | 699.000 MHz | 150.000 kHz | 698.42208 MHz | -28.69 dBm | -15.69 dB |
| 699.000 MHz | 709.000 MHz | 100.000 kHz | 699.12488 MHz | -31.17 dBm | -18.17 dB |

Date: 7.MAY.2019 06:51:28

## LTE Band 71 / 15MHz / 16QAM

### Lowest Band Edge / 1 RB

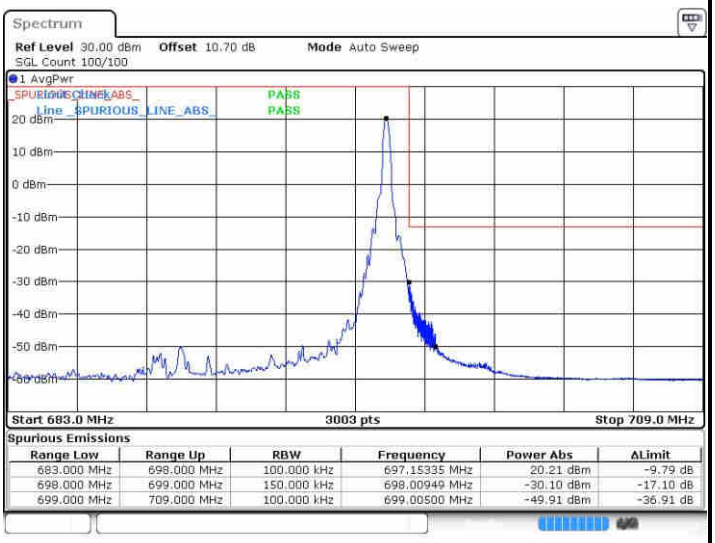



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 652.000 MHz | 662.000 MHz | 100.000 kHz | 661.96503 MHz | -49.76 dBm | -36.76 dB |
| 662.000 MHz | 663.000 MHz | 150.000 kHz | 662.99550 MHz | -28.89 dBm | -15.89 dB |
| 663.000 MHz | 678.000 MHz | 100.000 kHz | 663.80170 MHz | 20.69 dBm | -9.31 dB |

Date: 7.MAY.2019 06:43:02

### Highest Band Edge / 1 RB

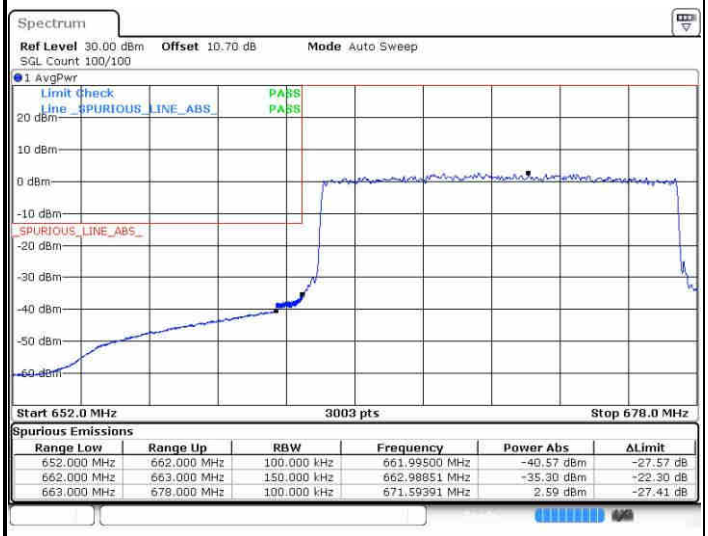



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 683.000 MHz | 698.000 MHz | 100.000 kHz | 697.15335 MHz | 20.21 dBm | -9.79 dB |
| 698.000 MHz | 699.000 MHz | 150.000 kHz | 698.00949 MHz | -30.10 dBm | -17.10 dB |
| 699.000 MHz | 709.000 MHz | 100.000 kHz | 699.00500 MHz | -49.91 dBm | -36.91 dB |

Date: 7.MAY.2019 06:50:42

### Lowest Band Edge / Full RB

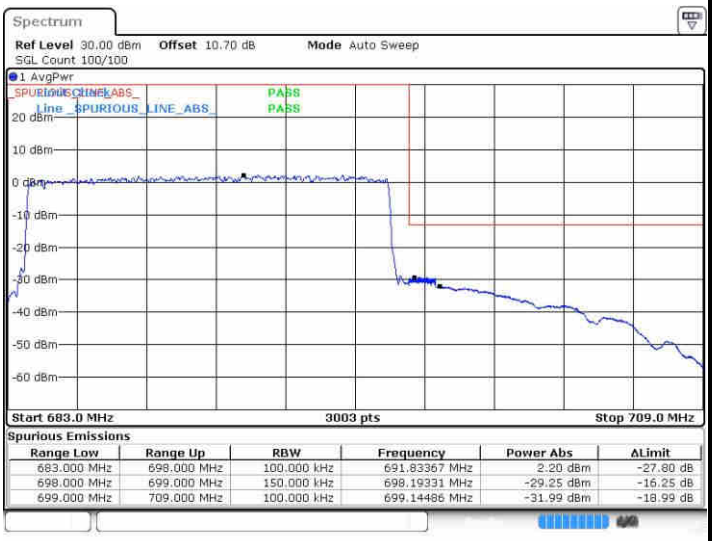



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 652.000 MHz | 662.000 MHz | 100.000 kHz | 661.99500 MHz | -40.57 dBm | -27.57 dB |
| 662.000 MHz | 663.000 MHz | 150.000 kHz | 662.98851 MHz | -35.30 dBm | -22.30 dB |
| 663.000 MHz | 678.000 MHz | 100.000 kHz | 671.59391 MHz | 2.59 dBm | -27.41 dB |

Date: 7.MAY.2019 06:44:34

### Highest Band Edge / Full RB



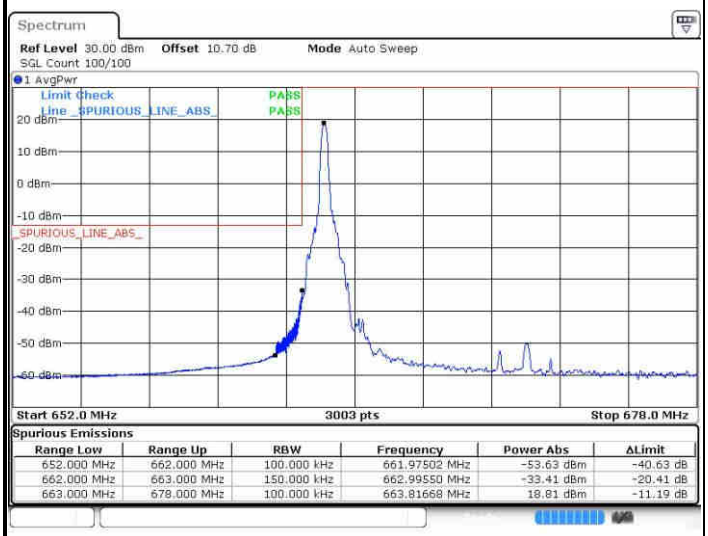

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 683.000 MHz | 698.000 MHz | 100.000 kHz | 691.83367 MHz | 2.20 dBm | -27.80 dB |
| 698.000 MHz | 699.000 MHz | 150.000 kHz | 698.19331 MHz | -29.25 dBm | -16.25 dB |
| 699.000 MHz | 709.000 MHz | 100.000 kHz | 699.14486 MHz | -31.99 dBm | -18.99 dB |

Date: 7.MAY.2019 06:52:14

## LTE Band 71 / 15MHz / 64QAM

### Lowest Band Edge / 1 RB

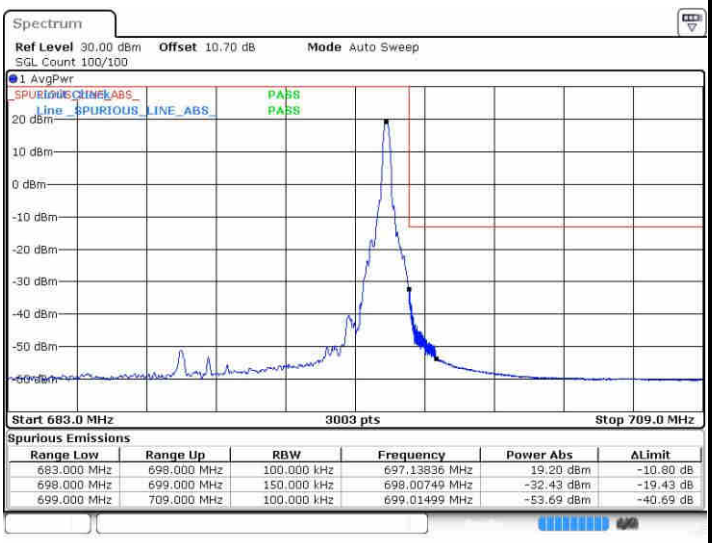



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 652.000 MHz | 662.000 MHz | 100.000 kHz | 661.97502 MHz | -53.63 dBm | -40.63 dB |
| 662.000 MHz | 663.000 MHz | 150.000 kHz | 662.99550 MHz | -33.41 dBm | -20.41 dB |
| 663.000 MHz | 678.000 MHz | 100.000 kHz | 663.81668 MHz | 18.81 dBm | -11.19 dB |

Date: 7.MAY.2019 06:54:54

### Highest Band Edge / 1 RB

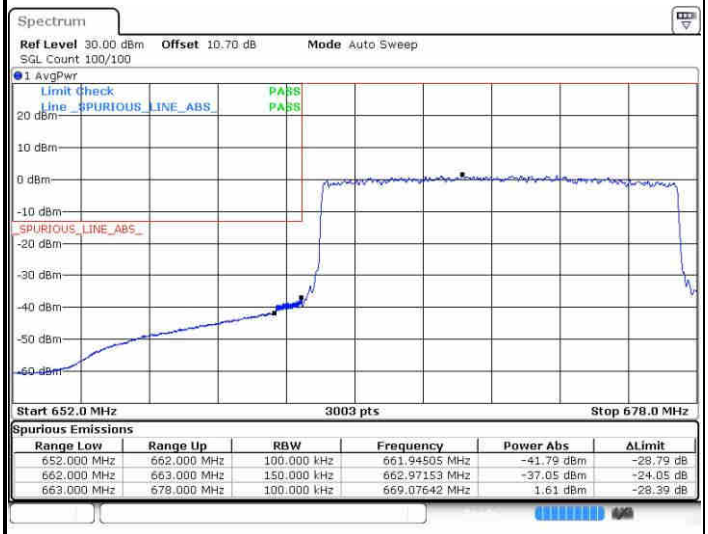



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 683.000 MHz | 698.000 MHz | 100.000 kHz | 697.13836 MHz | 19.20 dBm | -10.80 dB |
| 698.000 MHz | 699.000 MHz | 150.000 kHz | 698.00749 MHz | -32.43 dBm | -19.43 dB |
| 699.000 MHz | 709.000 MHz | 100.000 kHz | 699.01499 MHz | -53.69 dBm | -40.69 dB |

Date: 7.MAY.2019 06:58:44

### Lowest Band Edge / Full RB

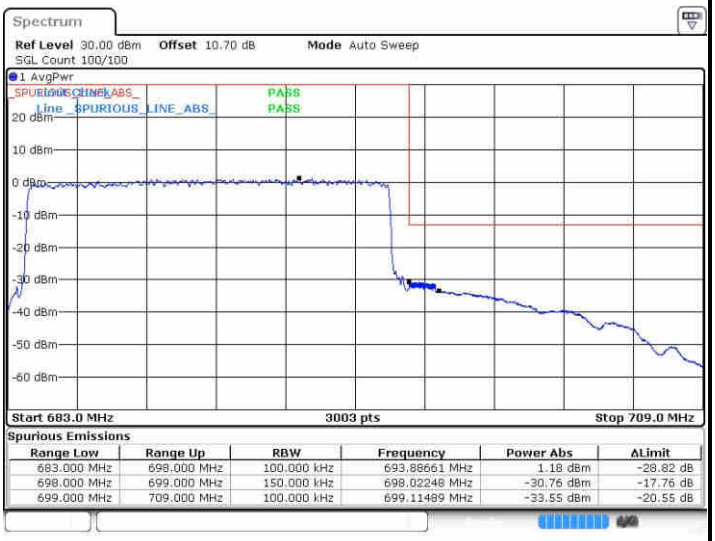



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 652.000 MHz | 662.000 MHz | 100.000 kHz | 661.94505 MHz | -41.79 dBm | -28.79 dB |
| 662.000 MHz | 663.000 MHz | 150.000 kHz | 662.97153 MHz | -37.05 dBm | -24.05 dB |
| 663.000 MHz | 678.000 MHz | 100.000 kHz | 669.07642 MHz | 1.61 dBm | -28.39 dB |

Date: 7.MAY.2019 06:55:41

### Highest Band Edge / Full RB



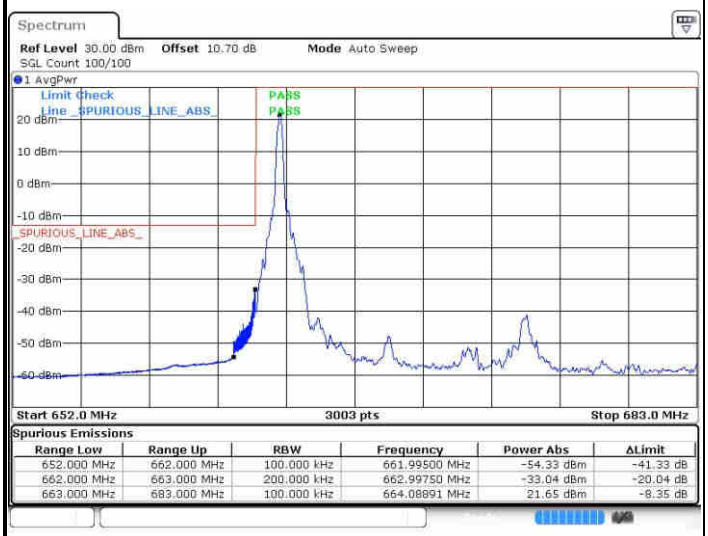

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 683.000 MHz | 698.000 MHz | 100.000 kHz | 693.88661 MHz | 1.18 dBm | -28.82 dB |
| 698.000 MHz | 699.000 MHz | 150.000 kHz | 698.02248 MHz | -30.76 dBm | -17.76 dB |
| 699.000 MHz | 709.000 MHz | 100.000 kHz | 699.11489 MHz | -33.55 dBm | -20.55 dB |

Date: 7.MAY.2019 06:59:30

## LTE Band 71 / 20MHz / QPSK

### Lowest Band Edge / 1 RB

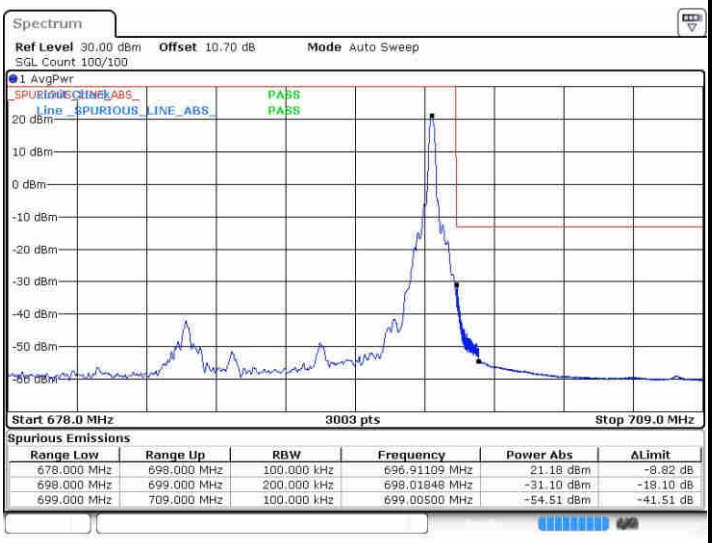



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 652.000 MHz | 662.000 MHz | 100.000 kHz | 661.99500 MHz | -54.33 dBm | -41.33 dB |
| 662.000 MHz | 663.000 MHz | 200.000 kHz | 662.99750 MHz | -33.04 dBm | -20.04 dB |
| 663.000 MHz | 683.000 MHz | 100.000 kHz | 664.08891 MHz | 21.65 dBm | -8.35 dB |

Date: 7.MAY.2019 07:01:51

### Highest Band Edge / 1 RB

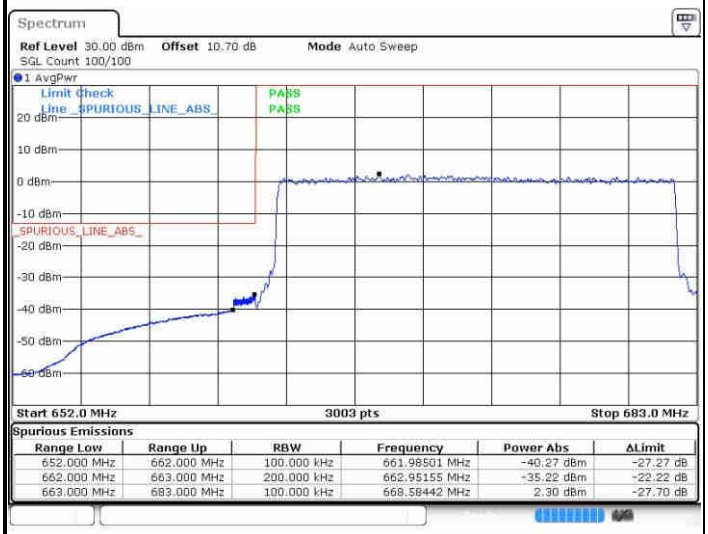



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 678.000 MHz | 698.000 MHz | 100.000 kHz | 696.91109 MHz | 21.18 dBm | -8.82 dB |
| 698.000 MHz | 699.000 MHz | 200.000 kHz | 698.01848 MHz | -31.10 dBm | -18.10 dB |
| 699.000 MHz | 709.000 MHz | 100.000 kHz | 699.00500 MHz | -54.51 dBm | -41.51 dB |

Date: 7.MAY.2019 07:09:30

### Lowest Band Edge / Full RB

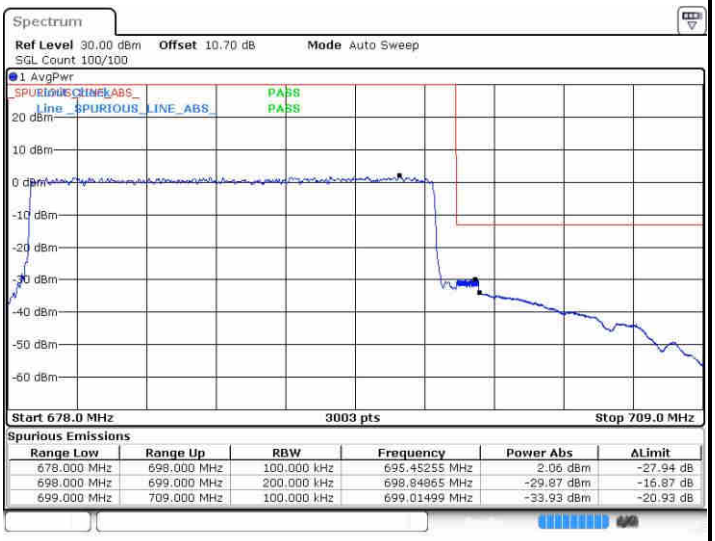



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 652.000 MHz | 662.000 MHz | 100.000 kHz | 661.98501 MHz | -40.27 dBm | -27.27 dB |
| 662.000 MHz | 663.000 MHz | 200.000 kHz | 662.95155 MHz | -35.22 dBm | -22.22 dB |
| 663.000 MHz | 683.000 MHz | 100.000 kHz | 668.58442 MHz | 2.30 dBm | -27.70 dB |

Date: 7.MAY.2019 07:03:23

### Highest Band Edge / Full RB



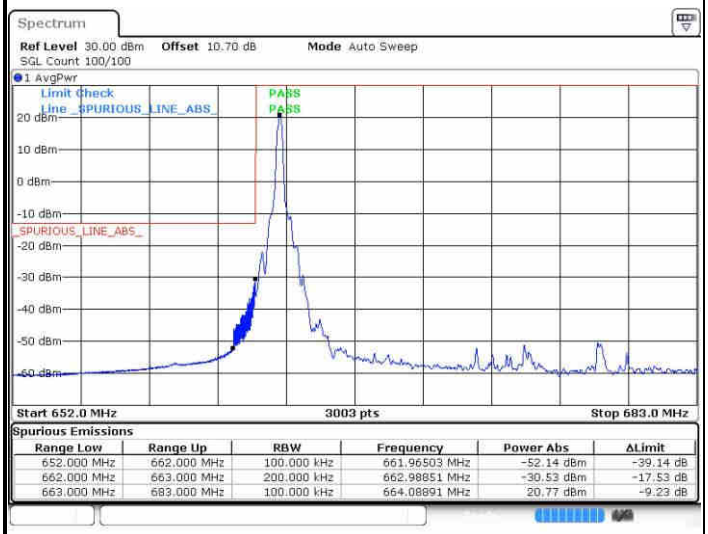

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 678.000 MHz | 698.000 MHz | 100.000 kHz | 695.45255 MHz | 2.06 dBm | -27.94 dB |
| 698.000 MHz | 699.000 MHz | 200.000 kHz | 698.84865 MHz | -29.87 dBm | -16.87 dB |
| 699.000 MHz | 709.000 MHz | 100.000 kHz | 699.01499 MHz | -33.93 dBm | -20.93 dB |

Date: 7.MAY.2019 07:11:48

## LTE Band 71 / 20MHz / 16QAM

### Lowest Band Edge /1 RB

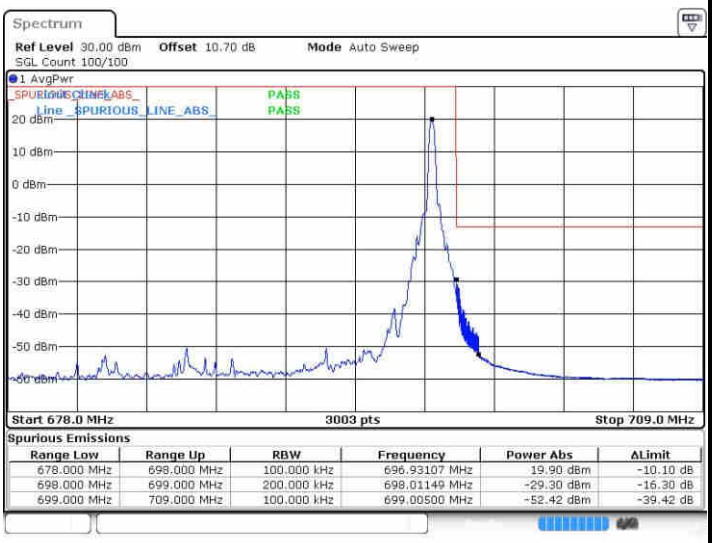



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 652.000 MHz | 662.000 MHz | 100.000 kHz | 661.96503 MHz | -52.14 dBm | -39.14 dB |
| 662.000 MHz | 663.000 MHz | 200.000 kHz | 662.98851 MHz | -30.53 dBm | -17.53 dB |
| 663.000 MHz | 683.000 MHz | 100.000 kHz | 664.08891 MHz | 20.77 dBm | -9.23 dB |

Date: 7.MAY.2019 07:02:37

### Highest Band Edge / 1RB

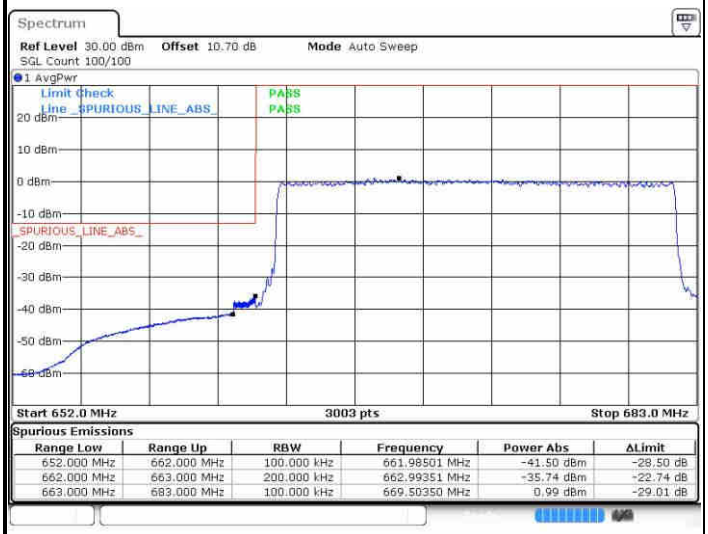



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 678.000 MHz | 698.000 MHz | 100.000 kHz | 696.93107 MHz | 19.90 dBm | -10.10 dB |
| 698.000 MHz | 699.000 MHz | 200.000 kHz | 698.01149 MHz | -29.30 dBm | -16.30 dB |
| 699.000 MHz | 709.000 MHz | 100.000 kHz | 699.00500 MHz | -52.42 dBm | -39.42 dB |

Date: 7.MAY.2019 07:10:16

### Lowest Band Edge / Full RB

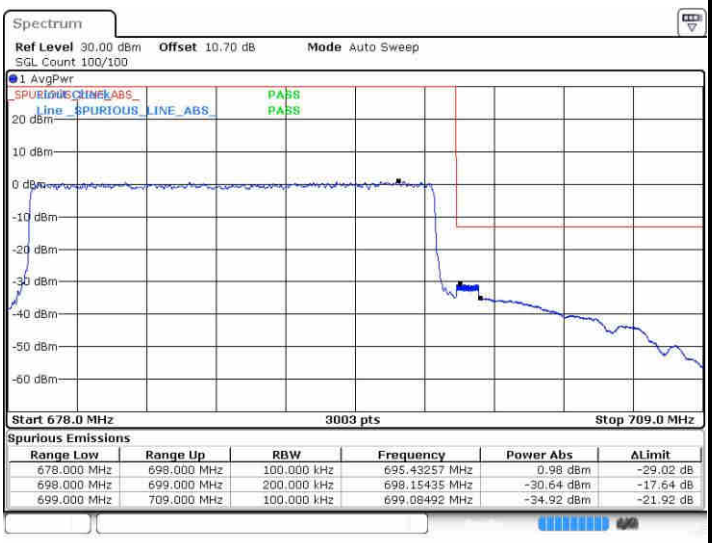



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 652.000 MHz | 662.000 MHz | 100.000 kHz | 661.98501 MHz | -41.50 dBm | -28.50 dB |
| 662.000 MHz | 663.000 MHz | 200.000 kHz | 662.99351 MHz | -35.74 dBm | -22.74 dB |
| 663.000 MHz | 683.000 MHz | 100.000 kHz | 669.50350 MHz | 0.99 dBm | -29.01 dB |

Date: 7.MAY.2019 07:04:09

### Highest Band Edge / Full RB



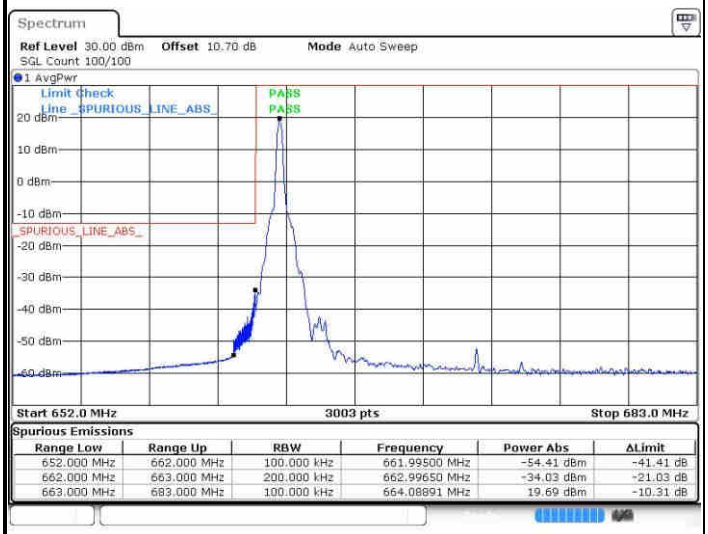

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 678.000 MHz | 698.000 MHz | 100.000 kHz | 695.43257 MHz | 0.98 dBm | -29.02 dB |
| 698.000 MHz | 699.000 MHz | 200.000 kHz | 698.15435 MHz | -30.64 dBm | -17.64 dB |
| 699.000 MHz | 709.000 MHz | 100.000 kHz | 699.08492 MHz | -34.92 dBm | -21.92 dB |

Date: 7.MAY.2019 07:11:02

## LTE Band 71 / 20MHz / 64QAM

### Lowest Band Edge / 1 RB

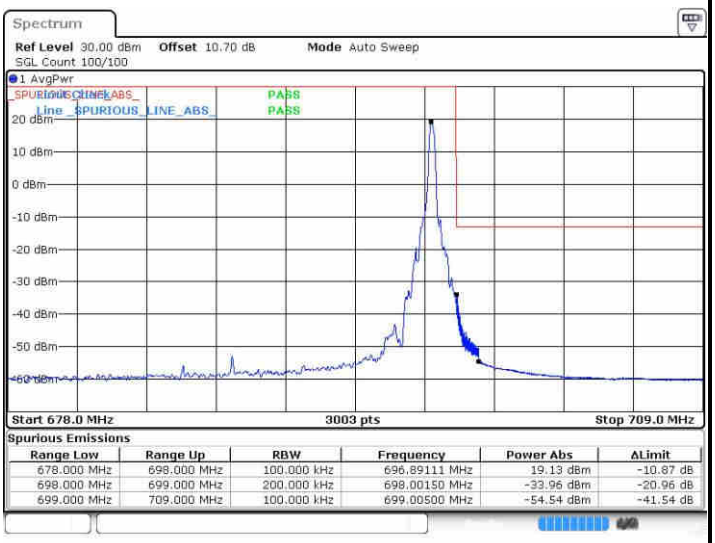



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 652.000 MHz | 662.000 MHz | 100.000 kHz | 661.99500 MHz | -54.41 dBm | -41.41 dB |
| 662.000 MHz | 663.000 MHz | 200.000 kHz | 662.99650 MHz | -34.03 dBm | -21.03 dB |
| 663.000 MHz | 683.000 MHz | 100.000 kHz | 664.08891 MHz | 19.69 dBm | -10.31 dB |

Date: 7.MAY.2019 07:14:28

### Highest Band Edge / 1 RB

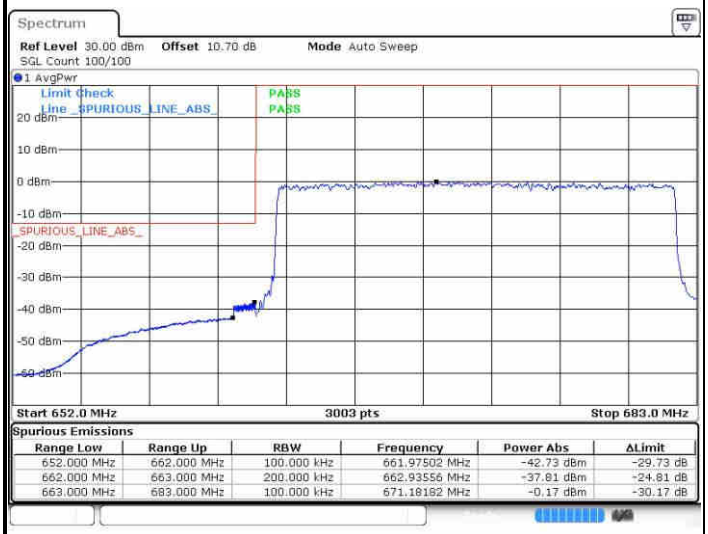



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 678.000 MHz | 698.000 MHz | 100.000 kHz | 696.89111 MHz | 19.13 dBm | -10.87 dB |
| 698.000 MHz | 699.000 MHz | 200.000 kHz | 698.00150 MHz | -33.96 dBm | -20.96 dB |
| 699.000 MHz | 709.000 MHz | 100.000 kHz | 699.00500 MHz | -54.54 dBm | -41.54 dB |

Date: 7.MAY.2019 07:18:18

### Lowest Band Edge / Full RB

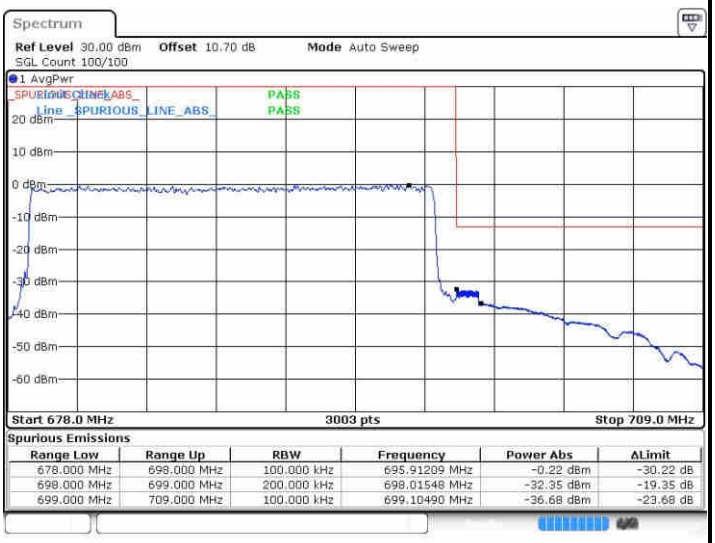



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 652.000 MHz | 662.000 MHz | 100.000 kHz | 661.97502 MHz | -42.73 dBm | -29.73 dB |
| 662.000 MHz | 663.000 MHz | 200.000 kHz | 662.93556 MHz | -37.81 dBm | -24.81 dB |
| 663.000 MHz | 683.000 MHz | 100.000 kHz | 671.18182 MHz | -0.17 dBm | -30.17 dB |

Date: 7.MAY.2019 07:15:14

### Highest Band Edge / Full RB




Spurious Emissions

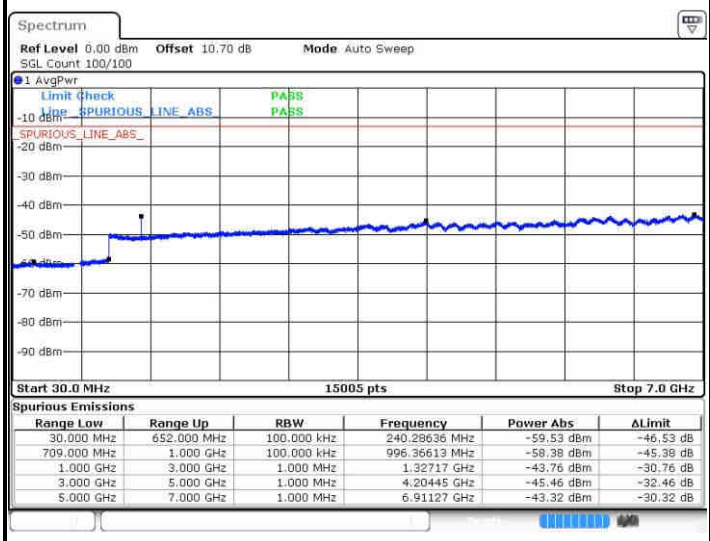
| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 678.000 MHz | 698.000 MHz | 100.000 kHz | 695.91209 MHz | -0.22 dBm | -30.22 dB |
| 698.000 MHz | 699.000 MHz | 200.000 kHz | 698.01548 MHz | -32.35 dBm | -19.35 dB |
| 699.000 MHz | 709.000 MHz | 100.000 kHz | 699.10490 MHz | -36.68 dBm | -23.68 dB |

Date: 7.MAY.2019 07:19:04

# Conducted Spurious Emission

## LTE Band 71 / 5MHz

### Lowest Channel / QPSK

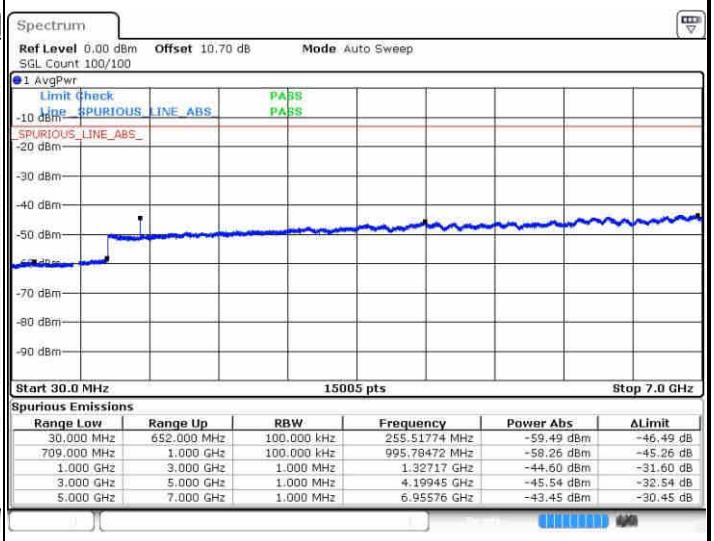



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 652.000 MHz | 100.000 kHz | 240.28636 MHz | -59.53 dBm | -46.53 dB |
| 709.000 MHz | 1.000 GHz | 100.000 kHz | 996.36613 MHz | -58.38 dBm | -45.38 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.32717 GHz | -43.76 dBm | -30.76 dB |
| 3.000 GHz | 5.000 GHz | 1.000 MHz | 4.20445 GHz | -45.46 dBm | -32.46 dB |
| 5.000 GHz | 7.000 GHz | 1.000 MHz | 6.91127 GHz | -43.32 dBm | -30.32 dB |

Date: 7.MAY.2019 06:06:11

### Lowest Channel / 16QAM

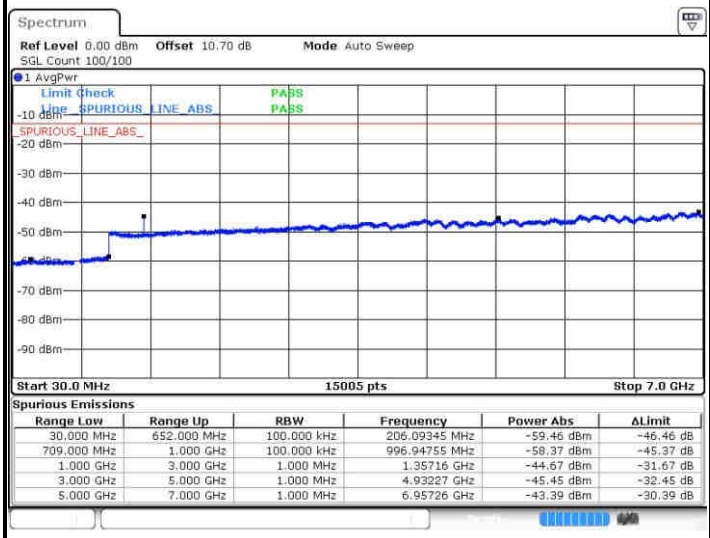



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 652.000 MHz | 100.000 kHz | 255.51774 MHz | -59.49 dBm | -46.49 dB |
| 709.000 MHz | 1.000 GHz | 100.000 kHz | 995.78472 MHz | -58.26 dBm | -45.26 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.32717 GHz | -44.60 dBm | -31.60 dB |
| 3.000 GHz | 5.000 GHz | 1.000 MHz | 4.19945 GHz | -45.54 dBm | -32.54 dB |
| 5.000 GHz | 7.000 GHz | 1.000 MHz | 6.95576 GHz | -43.45 dBm | -30.45 dB |

Date: 7.MAY.2019 06:06:56

### Middle Channel / QPSK

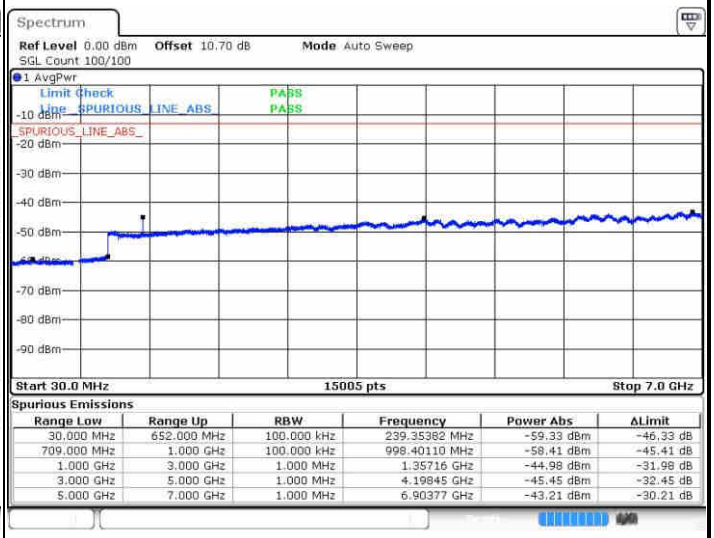



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 652.000 MHz | 100.000 kHz | 206.09345 MHz | -59.46 dBm | -46.46 dB |
| 709.000 MHz | 1.000 GHz | 100.000 kHz | 996.94755 MHz | -58.37 dBm | -45.37 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.35716 GHz | -44.67 dBm | -31.67 dB |
| 3.000 GHz | 5.000 GHz | 1.000 MHz | 4.93227 GHz | -45.45 dBm | -32.45 dB |
| 5.000 GHz | 7.000 GHz | 1.000 MHz | 6.95726 GHz | -43.39 dBm | -30.39 dB |

Date: 7.MAY.2019 06:08:28

### Middle Channel / 16QAM



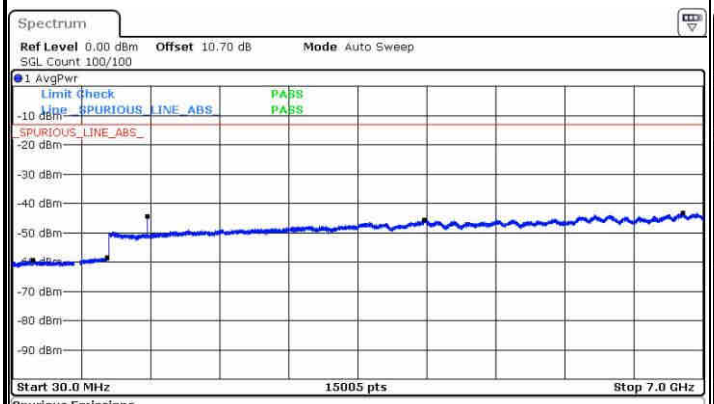

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 652.000 MHz | 100.000 kHz | 239.35382 MHz | -59.33 dBm | -46.33 dB |
| 709.000 MHz | 1.000 GHz | 100.000 kHz | 998.40110 MHz | -58.41 dBm | -45.41 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.35716 GHz | -44.98 dBm | -31.98 dB |
| 3.000 GHz | 5.000 GHz | 1.000 MHz | 4.19845 GHz | -45.45 dBm | -32.45 dB |
| 5.000 GHz | 7.000 GHz | 1.000 MHz | 6.90377 GHz | -43.21 dBm | -30.21 dB |

Date: 7.MAY.2019 06:09:12

## LTE Band 71 / 5MHz

### Highest Channel / QPSK

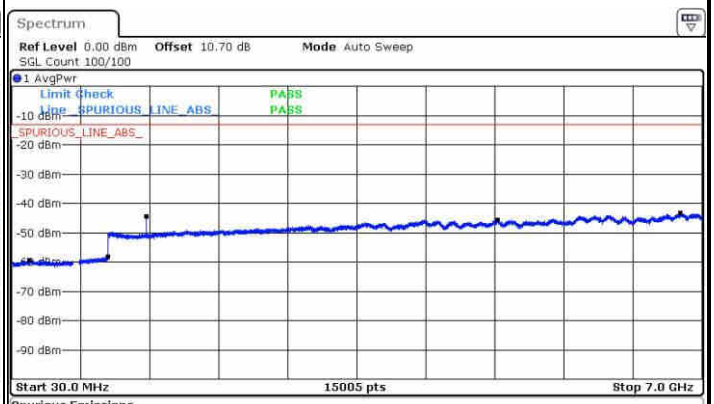



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 652.000 MHz | 100.000 kHz | 235.93453 MHz | -59.35 dBm | -46.35 dB |
| 709.000 MHz | 1.000 GHz | 100.000 kHz | 982.41209 MHz | -58.39 dBm | -45.39 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.38715 GHz | -44.38 dBm | -31.38 dB |
| 3.000 GHz | 5.000 GHz | 1.000 MHz | 4.18345 GHz | -45.55 dBm | -32.55 dB |
| 5.000 GHz | 7.000 GHz | 1.000 MHz | 6.79780 GHz | -43.16 dBm | -30.16 dB |

Date: 7.MAY.2019 06:13:51

### Highest Channel / 16QAM



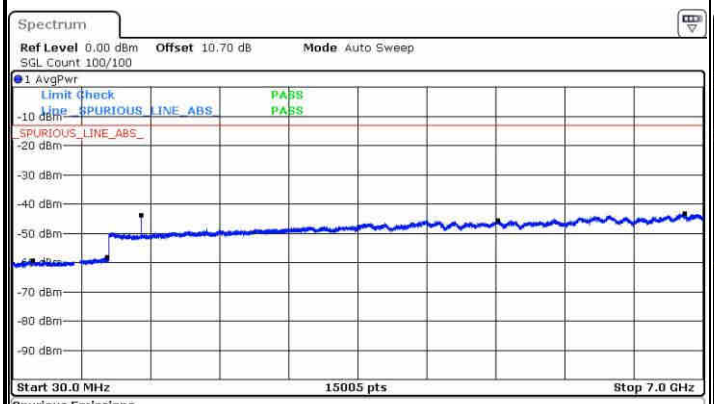

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 652.000 MHz | 100.000 kHz | 206.71514 MHz | -59.47 dBm | -46.47 dB |
| 709.000 MHz | 1.000 GHz | 100.000 kHz | 997.52897 MHz | -58.27 dBm | -45.27 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.38715 GHz | -44.61 dBm | -31.61 dB |
| 3.000 GHz | 5.000 GHz | 1.000 MHz | 4.93277 GHz | -45.53 dBm | -32.53 dB |
| 5.000 GHz | 7.000 GHz | 1.000 MHz | 6.77831 GHz | -43.41 dBm | -30.41 dB |

Date: 7.MAY.2019 06:14:36

## LTE Band 71 / 10MHz

### Lowest Channel / QPSK

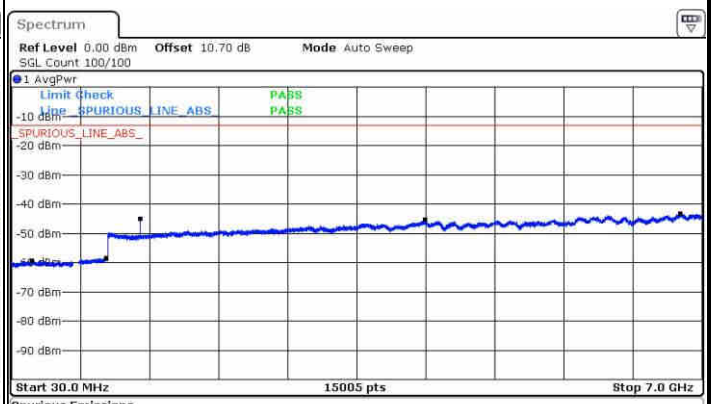



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 652.000 MHz | 100.000 kHz | 233.75862 MHz | -59.48 dBm | -46.48 dB |
| 709.000 MHz | 1.000 GHz | 100.000 kHz | 979.21429 MHz | -58.09 dBm | -45.09 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.32767 GHz | -44.02 dBm | -31.02 dB |
| 3.000 GHz | 5.000 GHz | 1.000 MHz | 4.93077 GHz | -45.54 dBm | -32.54 dB |
| 5.000 GHz | 7.000 GHz | 1.000 MHz | 6.81080 GHz | -43.38 dBm | -30.38 dB |

Date: 7.MAY.2019 06:25:45

### Lowest Channel / 16QAM



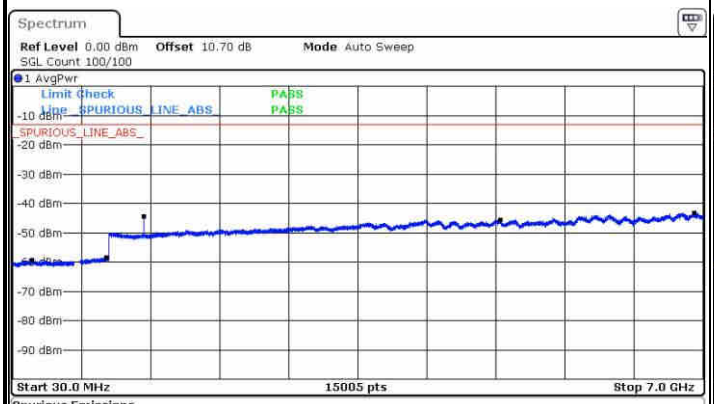

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 652.000 MHz | 100.000 kHz | 232.51524 MHz | -59.50 dBm | -46.50 dB |
| 709.000 MHz | 1.000 GHz | 100.000 kHz | 982.12138 MHz | -58.44 dBm | -45.44 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.32767 GHz | -45.14 dBm | -32.14 dB |
| 3.000 GHz | 5.000 GHz | 1.000 MHz | 4.19995 GHz | -45.29 dBm | -32.29 dB |
| 5.000 GHz | 7.000 GHz | 1.000 MHz | 6.78080 GHz | -43.40 dBm | -30.40 dB |

Date: 7.MAY.2019 06:26:30

## LTE Band 71 / 10MHz

### Middle Channel / QPSK

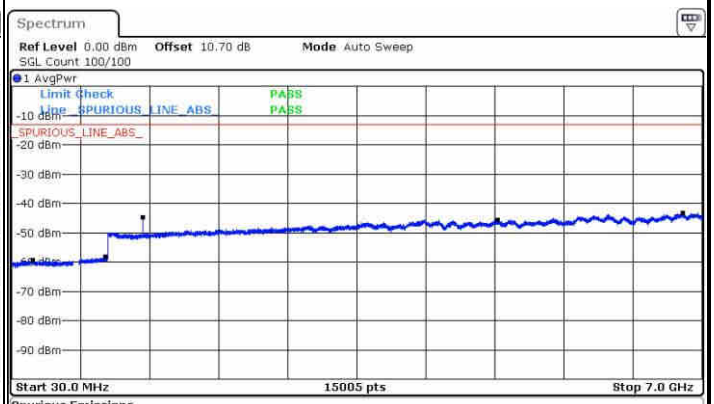



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 652.000 MHz | 100.000 kHz | 227.54173 MHz | -59.38 dBm | -46.38 dB |
| 709.000 MHz | 1.000 GHz | 100.000 kHz | 970.78372 MHz | -58.36 dBm | -45.36 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.35266 GHz | -44.39 dBm | -31.39 dB |
| 3.000 GHz | 5.000 GHz | 1.000 MHz | 4.94876 GHz | -45.55 dBm | -32.55 dB |
| 5.000 GHz | 7.000 GHz | 1.000 MHz | 6.91077 GHz | -43.27 dBm | -30.27 dB |

Date: 7.MAY.2019 06:28:02

### Middle Channel / 16QAM

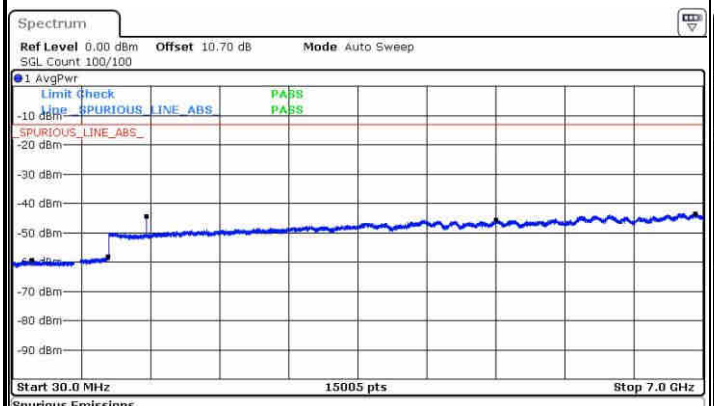



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 652.000 MHz | 100.000 kHz | 242.46227 MHz | -59.46 dBm | -46.46 dB |
| 709.000 MHz | 1.000 GHz | 100.000 kHz | 975.72577 MHz | -58.28 dBm | -45.28 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.35266 GHz | -44.63 dBm | -31.63 dB |
| 3.000 GHz | 5.000 GHz | 1.000 MHz | 4.93527 GHz | -45.63 dBm | -32.63 dB |
| 5.000 GHz | 7.000 GHz | 1.000 MHz | 6.80980 GHz | -43.29 dBm | -30.29 dB |

Date: 7.MAY.2019 06:28:46

### Highest Channel / QPSK

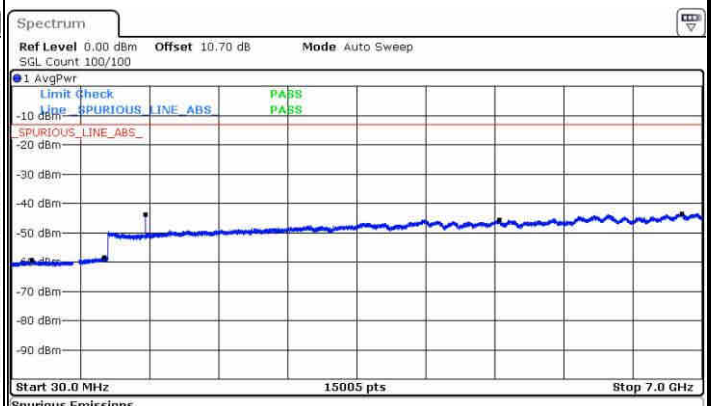



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 652.000 MHz | 100.000 kHz | 223.50075 MHz | -59.31 dBm | -46.31 dB |
| 709.000 MHz | 1.000 GHz | 100.000 kHz | 994.91259 MHz | -58.30 dBm | -45.30 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.37766 GHz | -44.41 dBm | -31.41 dB |
| 3.000 GHz | 5.000 GHz | 1.000 MHz | 4.91277 GHz | -45.55 dBm | -32.55 dB |
| 5.000 GHz | 7.000 GHz | 1.000 MHz | 6.91777 GHz | -43.47 dBm | -30.47 dB |

Date: 7.MAY.2019 06:33:25

### Highest Channel / 16QAM



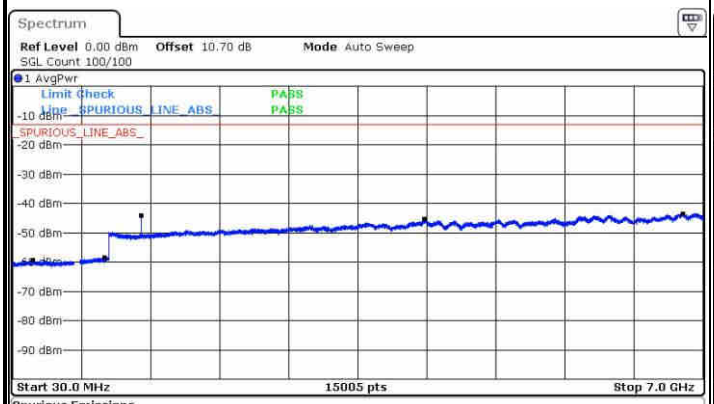

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 652.000 MHz | 100.000 kHz | 232.51524 MHz | -59.53 dBm | -46.53 dB |
| 709.000 MHz | 1.000 GHz | 100.000 kHz | 968.74875 MHz | -58.38 dBm | -45.38 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.37766 GHz | -44.03 dBm | -31.03 dB |
| 3.000 GHz | 5.000 GHz | 1.000 MHz | 4.95426 GHz | -45.67 dBm | -32.67 dB |
| 5.000 GHz | 7.000 GHz | 1.000 MHz | 6.79930 GHz | -43.44 dBm | -30.44 dB |

Date: 7.MAY.2019 06:34:09

## LTE Band 71 / 15MHz

### Lowest Channel / QPSK

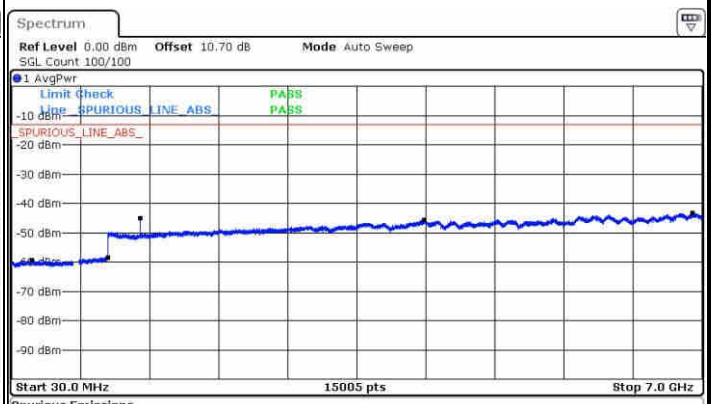



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 652.000 MHz | 100.000 kHz | 234.69115 MHz | -59.36 dBm | -46.36 dB |
| 709.000 MHz | 1.000 GHz | 100.000 kHz | 954.50400 MHz | -58.37 dBm | -45.37 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.32817 GHz | -44.21 dBm | -31.21 dB |
| 3.000 GHz | 5.000 GHz | 1.000 MHz | 4.18695 GHz | -45.48 dBm | -32.48 dB |
| 5.000 GHz | 7.000 GHz | 1.000 MHz | 6.80080 GHz | -43.47 dBm | -30.47 dB |

Date: 7.MAY.2019 06:45:19

### Lowest Channel / 16QAM




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 652.000 MHz | 100.000 kHz | 233.75862 MHz | -59.36 dBm | -46.36 dB |
| 709.000 MHz | 1.000 GHz | 100.000 kHz | 999.27323 MHz | -58.40 dBm | -45.40 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.32817 GHz | -45.08 dBm | -32.08 dB |
| 3.000 GHz | 5.000 GHz | 1.000 MHz | 4.19395 GHz | -45.61 dBm | -32.61 dB |
| 5.000 GHz | 7.000 GHz | 1.000 MHz | 6.90427 GHz | -43.34 dBm | -30.34 dB |

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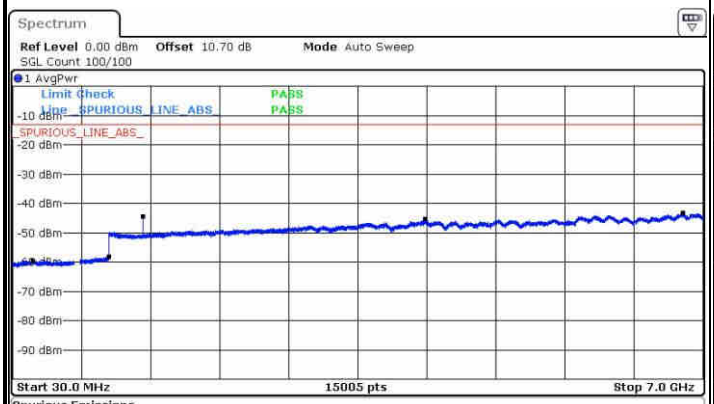
### Middle Channel / QPSK




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 652.000 MHz | 100.000 kHz | 232.20440 MHz | -59.56 dBm | -46.56 dB |
| 709.000 MHz | 1.000 GHz | 100.000 kHz | 996.94755 MHz | -58.33 dBm | -45.33 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.34816 GHz | -44.53 dBm | -31.53 dB |
| 3.000 GHz | 5.000 GHz | 1.000 MHz | 4.19745 GHz | -45.51 dBm | -32.51 dB |
| 5.000 GHz | 7.000 GHz | 1.000 MHz | 6.79530 GHz | -43.15 dBm | -30.15 dB |

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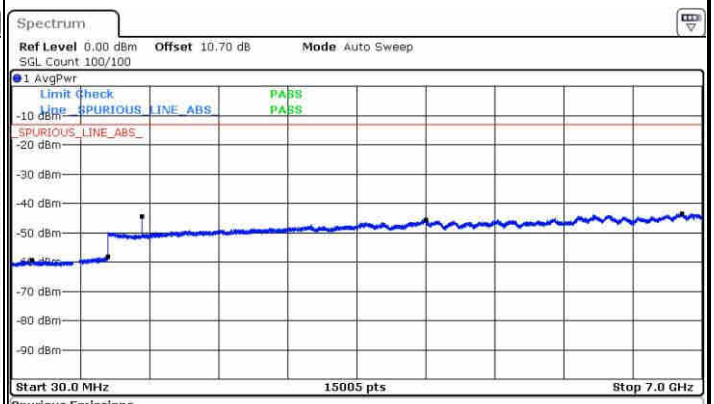
### Middle Channel / 16QAM




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 652.000 MHz | 100.000 kHz | 236.55622 MHz | -59.47 dBm | -46.47 dB |
| 709.000 MHz | 1.000 GHz | 100.000 kHz | 997.81968 MHz | -58.32 dBm | -45.32 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.34816 GHz | -44.62 dBm | -31.62 dB |
| 3.000 GHz | 5.000 GHz | 1.000 MHz | 4.20795 GHz | -45.68 dBm | -32.68 dB |
| 5.000 GHz | 7.000 GHz | 1.000 MHz | 6.79930 GHz | -43.44 dBm | -30.44 dB |

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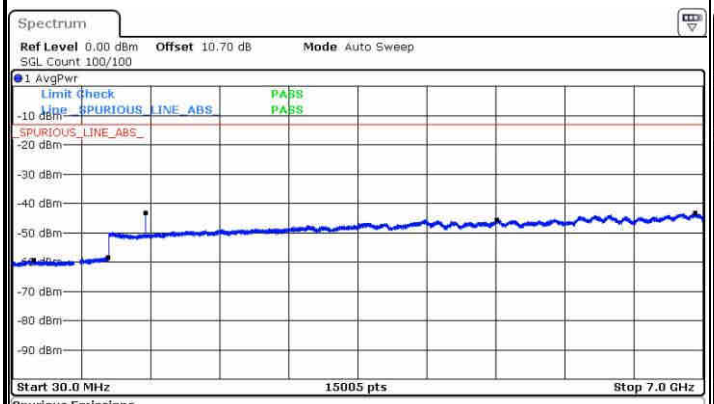
## LTE Band71 / 15MHz

### Highest Channel / QPSK




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 652.000 MHz | 100.000 kHz | 242.15142 MHz | -59.47 dBm | -46.47 dB |
| 709.000 MHz | 1.000 GHz | 100.000 kHz | 993.16833 MHz | -58.41 dBm | -45.41 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.36816 GHz | -43.15 dBm | -30.15 dB |
| 3.000 GHz | 5.000 GHz | 1.000 MHz | 4.92077 GHz | -45.64 dBm | -32.64 dB |
| 5.000 GHz | 7.000 GHz | 1.000 MHz | 6.91677 GHz | -43.33 dBm | -30.33 dB |

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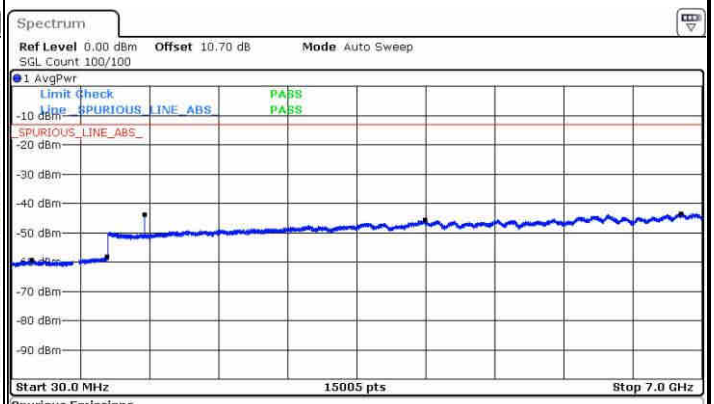
### Highest Channel / 16QAM




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 652.000 MHz | 100.000 kHz | 231.58271 MHz | -59.47 dBm | -46.47 dB |
| 709.000 MHz | 1.000 GHz | 100.000 kHz | 988.80769 MHz | -58.33 dBm | -45.33 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.36816 GHz | -43.93 dBm | -30.93 dB |
| 3.000 GHz | 5.000 GHz | 1.000 MHz | 4.19995 GHz | -45.60 dBm | -32.60 dB |
| 5.000 GHz | 7.000 GHz | 1.000 MHz | 6.78830 GHz | -43.48 dBm | -30.48 dB |

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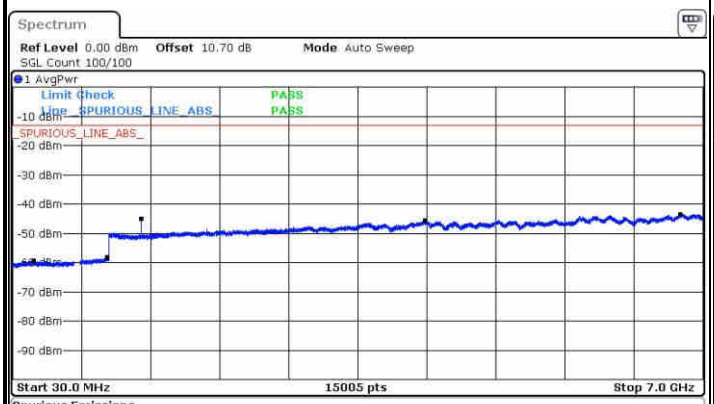
## LTE Band 71 / 20MHz

### Lowest Channel / QPSK




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 652.000 MHz | 100.000 kHz | 237.79960 MHz | -59.43 dBm | -46.43 dB |
| 709.000 MHz | 1.000 GHz | 100.000 kHz | 986.77273 MHz | -58.18 dBm | -45.18 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.32867 GHz | -45.04 dBm | -32.04 dB |
| 3.000 GHz | 5.000 GHz | 1.000 MHz | 4.19345 GHz | -45.58 dBm | -32.58 dB |
| 5.000 GHz | 7.000 GHz | 1.000 MHz | 6.77431 GHz | -43.44 dBm | -30.44 dB |

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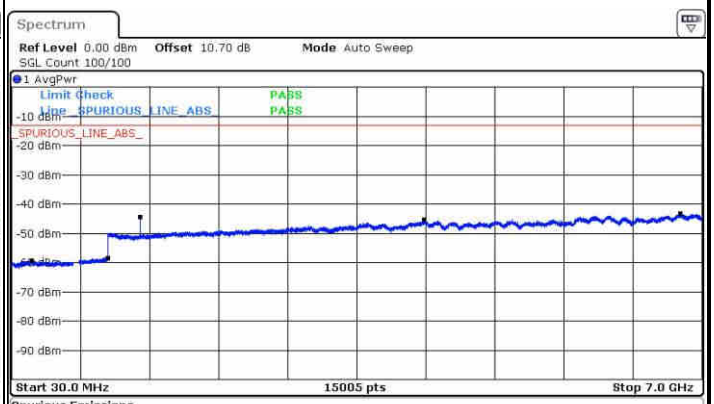
### Lowest Channel / 16QAM




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 652.000 MHz | 100.000 kHz | 236.86707 MHz | -59.42 dBm | -46.42 dB |
| 709.000 MHz | 1.000 GHz | 100.000 kHz | 999.27323 MHz | -58.45 dBm | -45.45 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.32867 GHz | -44.48 dBm | -31.48 dB |
| 3.000 GHz | 5.000 GHz | 1.000 MHz | 4.19595 GHz | -45.47 dBm | -32.47 dB |
| 5.000 GHz | 7.000 GHz | 1.000 MHz | 6.77931 GHz | -43.38 dBm | -30.38 dB |

Date: 7.MAY.2019 07:05:39