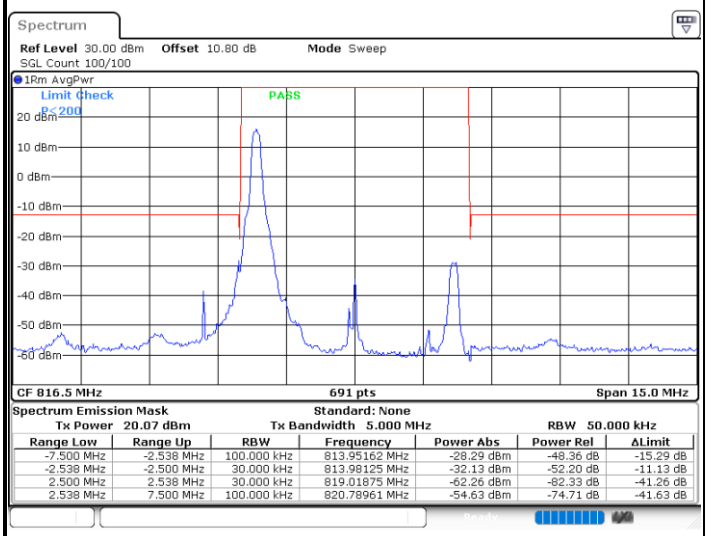
## LTE Band 26 / 5MHz / 64QAM

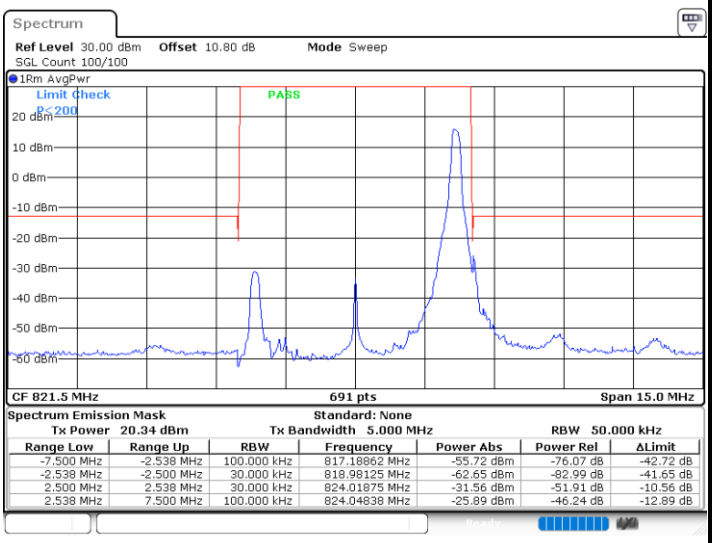
### Lowest Band Edge / 1RB




| Range Low | Range Up | RBW | Frequency | Power Abs | Power Rel | ΔLimit |
|---|---|---|---|---|---|---|
| -7.500 MHz | -2.538 MHz | 100.000 kHz | 813.95162 MHz | -28.29 dBm | -48.36 dB | -15.29 dB |
| -2.538 MHz | -2.500 MHz | 30.000 kHz | 813.98125 MHz | -32.13 dBm | -52.20 dB | -11.13 dB |
| 2.500 MHz | 2.538 MHz | 30.000 kHz | 819.01875 MHz | -62.26 dBm | -82.33 dB | -41.26 dB |
| 2.538 MHz | 7.500 MHz | 100.000 kHz | 820.78961 MHz | -54.63 dBm | -74.71 dB | -41.63 dB |

Date: 29.SEP.2017 09:48:26

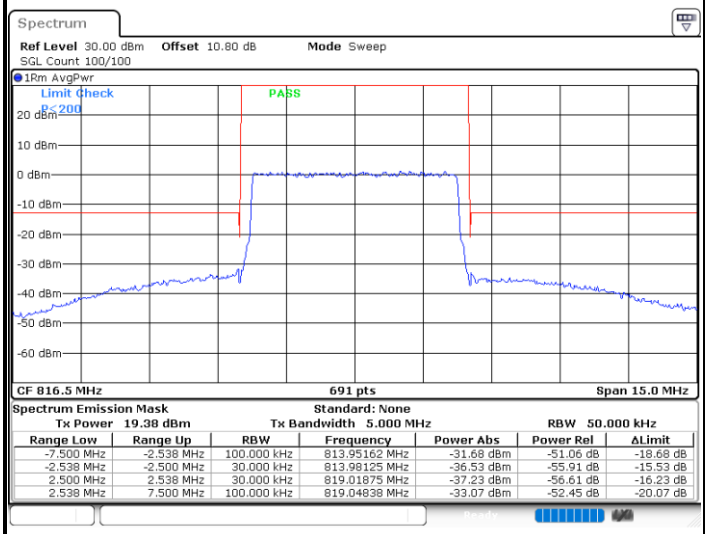
### Highest Band Edge / 1 RB




| Range Low | Range Up | RBW | Frequency | Power Abs | Power Rel | ΔLimit |
|---|---|---|---|---|---|---|
| -7.500 MHz | -2.538 MHz | 100.000 kHz | 817.18862 MHz | -55.72 dBm | -76.07 dB | -42.72 dB |
| -2.538 MHz | -2.500 MHz | 30.000 kHz | 818.98125 MHz | -62.65 dBm | -82.99 dB | -41.65 dB |
| 2.500 MHz | 2.538 MHz | 30.000 kHz | 824.01875 MHz | -31.56 dBm | -51.91 dB | -10.56 dB |
| 2.538 MHz | 7.500 MHz | 100.000 kHz | 824.04838 MHz | -25.89 dBm | -46.24 dB | -12.89 dB |

Date: 29.SEP.2017 09:50:43

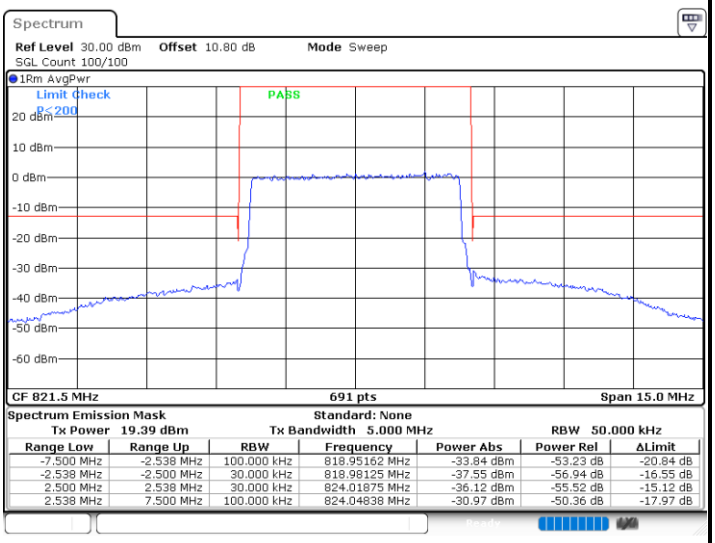
### Lowest Band Edge / Full RB




| Range Low | Range Up | RBW | Frequency | Power Abs | Power Rel | ΔLimit |
|---|---|---|---|---|---|---|
| -7.500 MHz | -2.538 MHz | 100.000 kHz | 813.95162 MHz | -31.68 dBm | -51.06 dB | -18.68 dB |
| -2.538 MHz | -2.500 MHz | 30.000 kHz | 813.98125 MHz | -36.53 dBm | -55.91 dB | -15.53 dB |
| 2.500 MHz | 2.538 MHz | 30.000 kHz | 819.01875 MHz | -37.23 dBm | -56.61 dB | -16.23 dB |
| 2.538 MHz | 7.500 MHz | 100.000 kHz | 819.04838 MHz | -33.07 dBm | -52.45 dB | -20.07 dB |

Date: 29.SEP.2017 09:49:34

### Highest Band Edge / Full RB

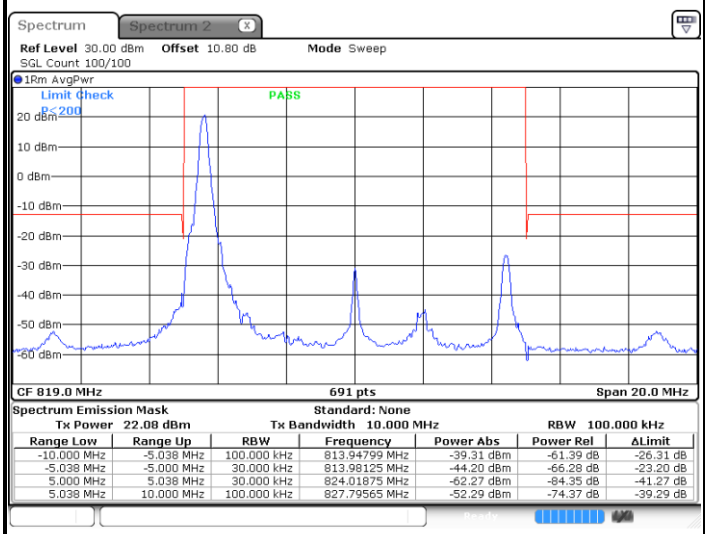



| Range Low | Range Up | RBW | Frequency | Power Abs | Power Rel | ΔLimit |
|---|---|---|---|---|---|---|
| -7.500 MHz | -2.538 MHz | 100.000 kHz | 818.95162 MHz | -33.84 dBm | -53.23 dB | -20.84 dB |
| -2.538 MHz | -2.500 MHz | 30.000 kHz | 818.98125 MHz | -37.55 dBm | -56.94 dB | -16.55 dB |
| 2.500 MHz | 2.538 MHz | 30.000 kHz | 824.01875 MHz | -36.12 dBm | -55.52 dB | -15.12 dB |
| 2.538 MHz | 7.500 MHz | 100.000 kHz | 824.04838 MHz | -30.97 dBm | -50.36 dB | -17.97 dB |

Date: 29.SEP.2017 09:51:51

## LTE Band 26 / 10MHz / QPSK

### Lowest Band Edge / 1 RB

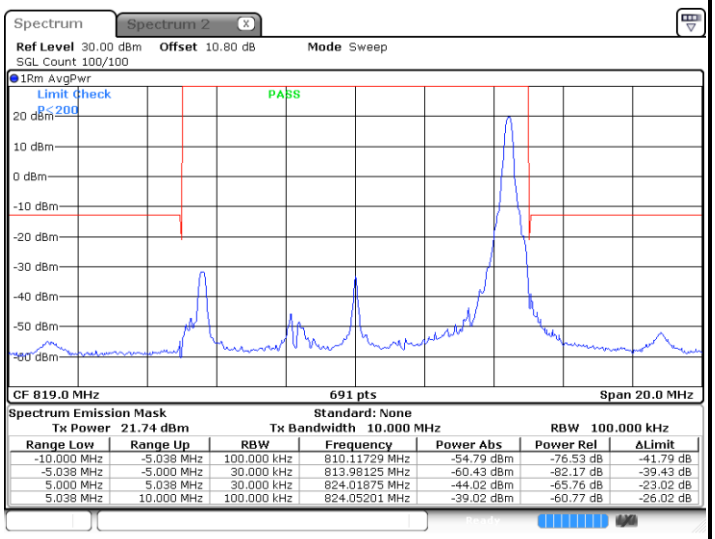



Spectrum Emission Mask Standard: None
Tx Power 22.08 dBm Tx Bandwidth 10.000 MHz RBW 100.000 kHz

| Range Low | Range Up | RBW | Frequency | Power Abs | Power Rel | ΔLimit |
|---|---|---|---|---|---|---|
| -10.000 MHz | -5.038 MHz | 100.000 kHz | 813.94799 MHz | -39.31 dBm | -61.39 dB | -26.31 dB |
| -5.038 MHz | -5.000 MHz | 30.000 kHz | 813.98125 MHz | -44.20 dBm | -66.28 dB | -23.20 dB |
| 5.000 MHz | 5.038 MHz | 30.000 kHz | 824.01875 MHz | -62.27 dBm | -84.35 dB | -41.27 dB |
| 5.038 MHz | 10.000 MHz | 100.000 kHz | 827.79565 MHz | -52.29 dBm | -74.37 dB | -39.29 dB |

Date: 12.SEP.2017 23:12:56

### Highest Band Edge / 1 RB

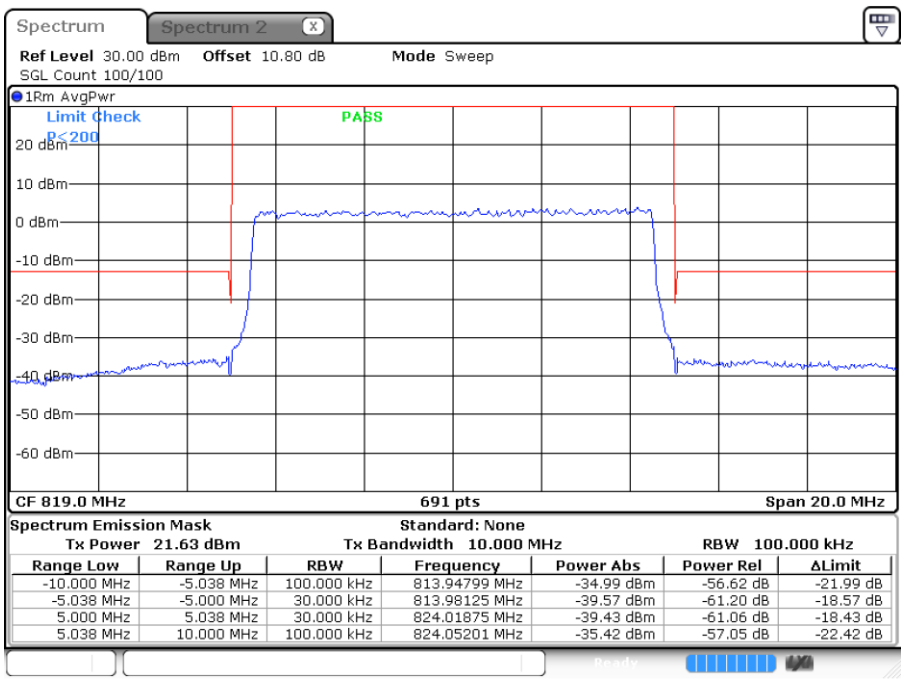



Spectrum Emission Mask Standard: None
Tx Power 21.74 dBm Tx Bandwidth 10.000 MHz RBW 100.000 kHz

| Range Low | Range Up | RBW | Frequency | Power Abs | Power Rel | ΔLimit |
|---|---|---|---|---|---|---|
| -10.000 MHz | -5.038 MHz | 100.000 kHz | 810.11729 MHz | -54.79 dBm | -76.53 dB | -41.79 dB |
| -5.038 MHz | -5.000 MHz | 30.000 kHz | 813.98125 MHz | -60.43 dBm | -82.17 dB | -39.43 dB |
| 5.000 MHz | 5.038 MHz | 30.000 kHz | 824.01875 MHz | -44.02 dBm | -65.76 dB | -23.02 dB |
| 5.038 MHz | 10.000 MHz | 100.000 kHz | 824.05201 MHz | -39.02 dBm | -60.77 dB | -26.02 dB |

Date: 12.SEP.2017 23:15:14

### Band Edge / Full RB



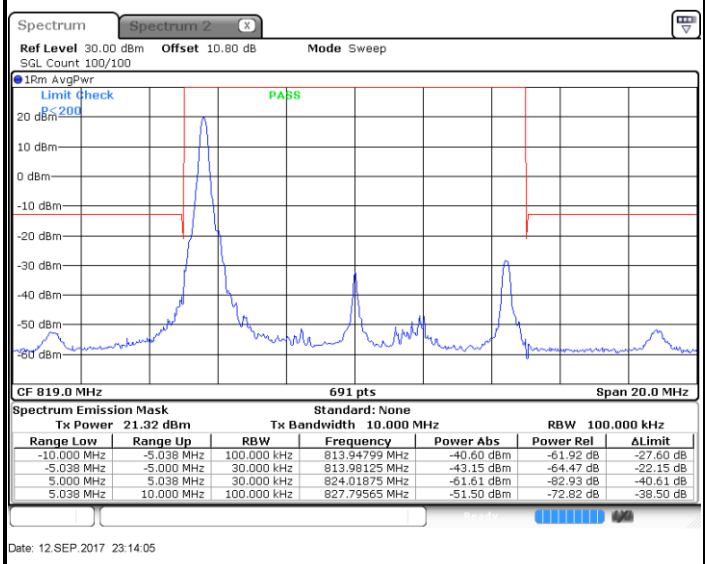

Spectrum Emission Mask Standard: None
Tx Power 21.63 dBm Tx Bandwidth 10.000 MHz RBW 100.000 kHz

| Range Low | Range Up | RBW | Frequency | Power Abs | Power Rel | ΔLimit |
|---|---|---|---|---|---|---|
| -10.000 MHz | -5.038 MHz | 100.000 kHz | 813.94799 MHz | -34.99 dBm | -56.62 dB | -21.99 dB |
| -5.038 MHz | -5.000 MHz | 30.000 kHz | 813.98125 MHz | -39.57 dBm | -61.20 dB | -18.57 dB |
| 5.000 MHz | 5.038 MHz | 30.000 kHz | 824.01875 MHz | -39.43 dBm | -61.06 dB | -18.43 dB |
| 5.038 MHz | 10.000 MHz | 100.000 kHz | 824.05201 MHz | -35.42 dBm | -57.05 dB | -22.42 dB |

Date: 12.SEP.2017 23:17:31

## LTE Band 26 / 10MHz / 16QAM

### Lowest Band Edge / 1 RB

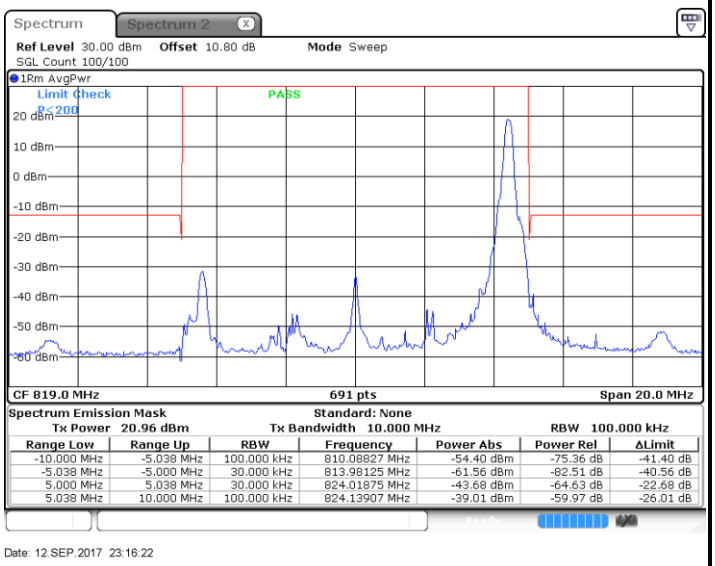



Spectrum Emission Mask Standard: None
Tx Power 21.32 dBm Tx Bandwidth 10.000 MHz RBW 100.000 kHz

| Range Low | Range Up | RBW | Frequency | Power Abs | Power Rel | ΔLimit |
|---|---|---|---|---|---|---|
| -10.000 MHz | -5.038 MHz | 100.000 kHz | 813.94799 MHz | -40.60 dBm | -61.92 dB | -27.60 dB |
| -5.038 MHz | -5.000 MHz | 30.000 kHz | 813.98125 MHz | -43.15 dBm | -64.47 dB | -22.15 dB |
| 5.000 MHz | 5.038 MHz | 30.000 kHz | 824.01875 MHz | -61.61 dBm | -82.93 dB | -40.61 dB |
| 5.038 MHz | 10.000 MHz | 100.000 kHz | 827.79565 MHz | -51.50 dBm | -72.82 dB | -38.50 dB |

Date: 12.SEP.2017 23:14:05

### Highest Band Edge / 1 RB

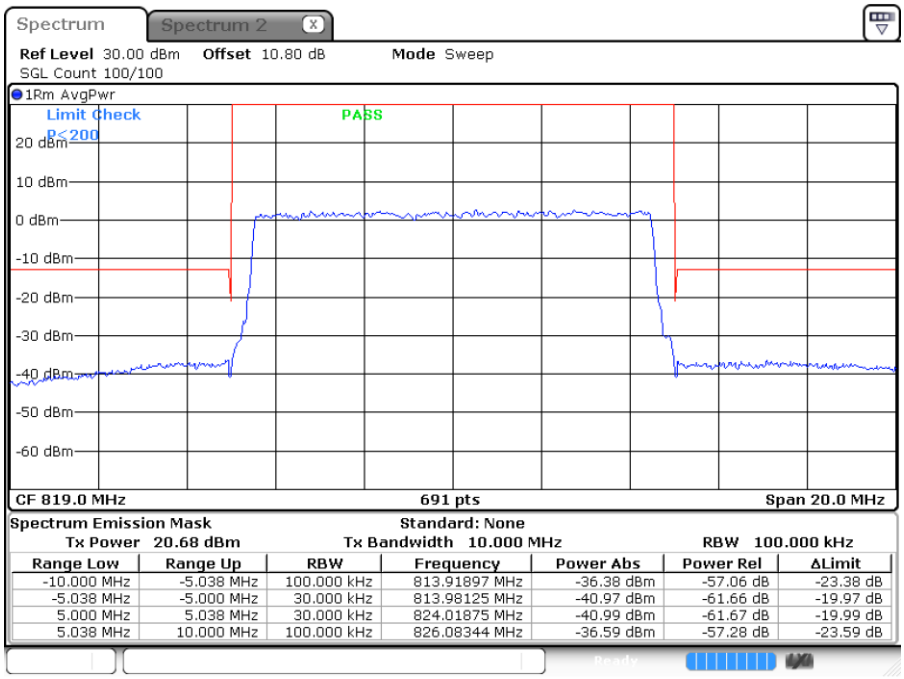



Spectrum Emission Mask Standard: None
Tx Power 20.96 dBm Tx Bandwidth 10.000 MHz RBW 100.000 kHz

| Range Low | Range Up | RBW | Frequency | Power Abs | Power Rel | ΔLimit |
|---|---|---|---|---|---|---|
| -10.000 MHz | -5.038 MHz | 100.000 kHz | 810.08827 MHz | -54.40 dBm | -75.36 dB | -41.40 dB |
| -5.038 MHz | -5.000 MHz | 30.000 kHz | 813.98125 MHz | -61.56 dBm | -82.51 dB | -40.56 dB |
| 5.000 MHz | 5.038 MHz | 30.000 kHz | 824.01875 MHz | -43.68 dBm | -64.63 dB | -22.68 dB |
| 5.038 MHz | 10.000 MHz | 100.000 kHz | 824.13907 MHz | -39.01 dBm | -59.97 dB | -26.01 dB |

Date: 12.SEP.2017 23:16:22

### Band Edge / Full RB



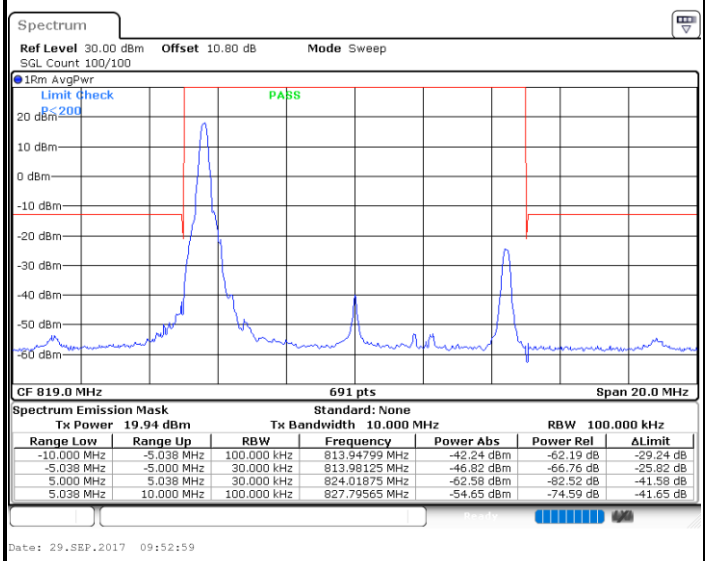

Spectrum Emission Mask Standard: None
Tx Power 20.68 dBm Tx Bandwidth 10.000 MHz RBW 100.000 kHz

| Range Low | Range Up | RBW | Frequency | Power Abs | Power Rel | ΔLimit |
|---|---|---|---|---|---|---|
| -10.000 MHz | -5.038 MHz | 100.000 kHz | 813.91897 MHz | -36.38 dBm | -57.06 dB | -23.38 dB |
| -5.038 MHz | -5.000 MHz | 30.000 kHz | 813.98125 MHz | -40.97 dBm | -61.66 dB | -19.97 dB |
| 5.000 MHz | 5.038 MHz | 30.000 kHz | 824.01875 MHz | -40.99 dBm | -61.67 dB | -19.99 dB |
| 5.038 MHz | 10.000 MHz | 100.000 kHz | 826.08344 MHz | -36.59 dBm | -57.28 dB | -23.59 dB |

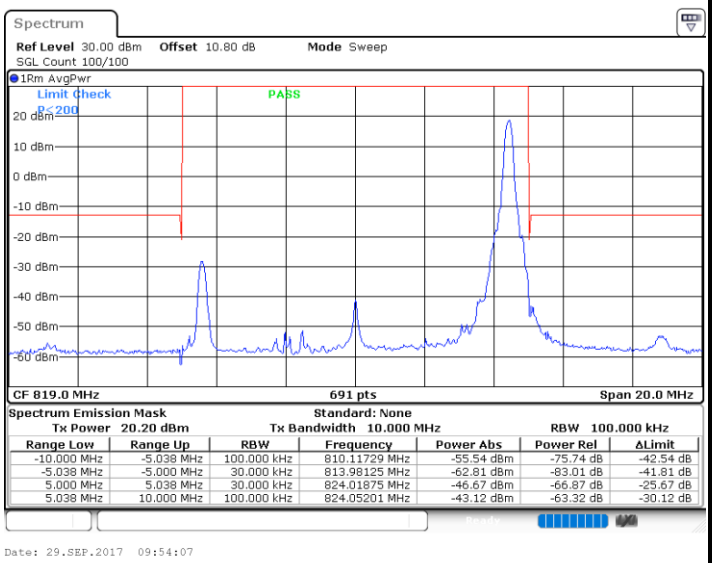
Date: 12.SEP.2017 23:18:40

## LTE Band 26 / 10MHz / 64QAM

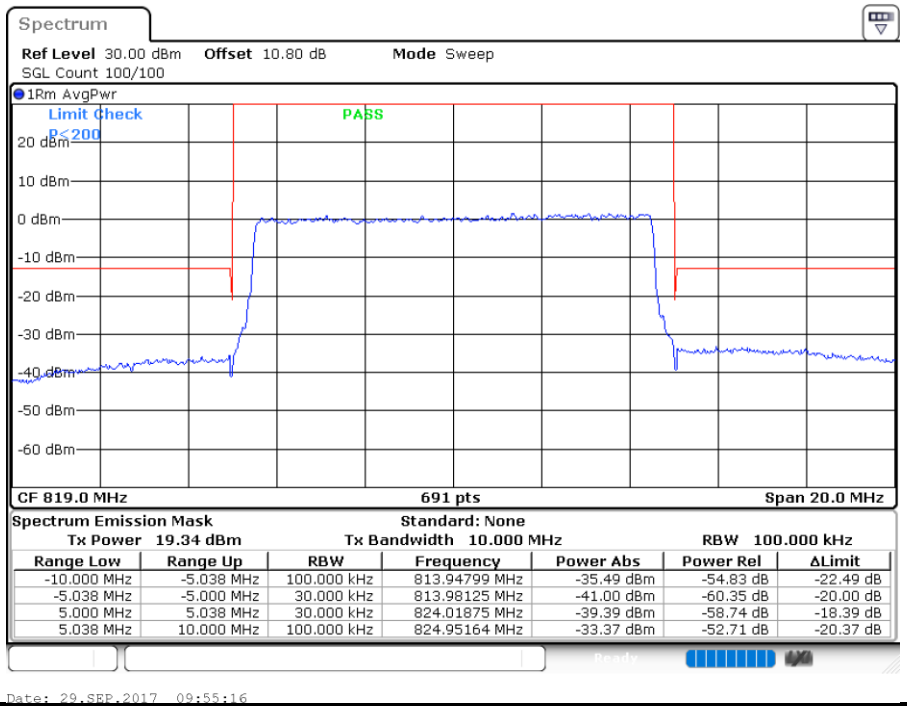
### Lowest Band Edge / 1 RB




### Highest Band Edge / 1 RB

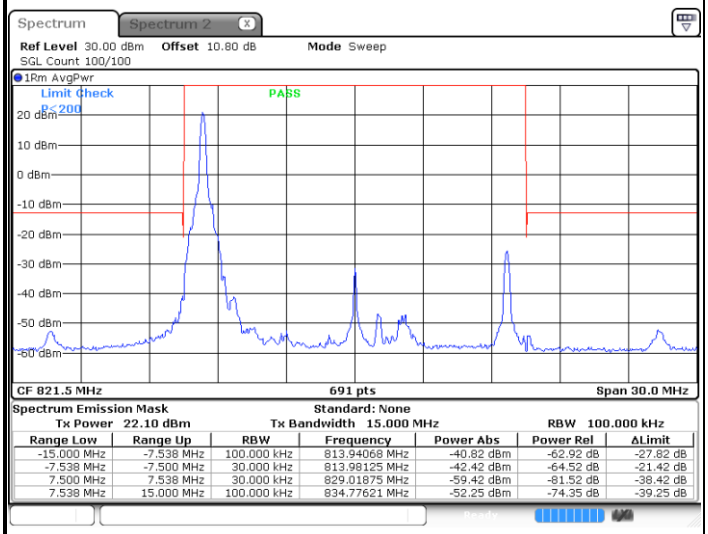



### Band Edge / Full RB



## LTE Band 26 / 15MHz QPSK

### Lowest Band Edge / 1 RB

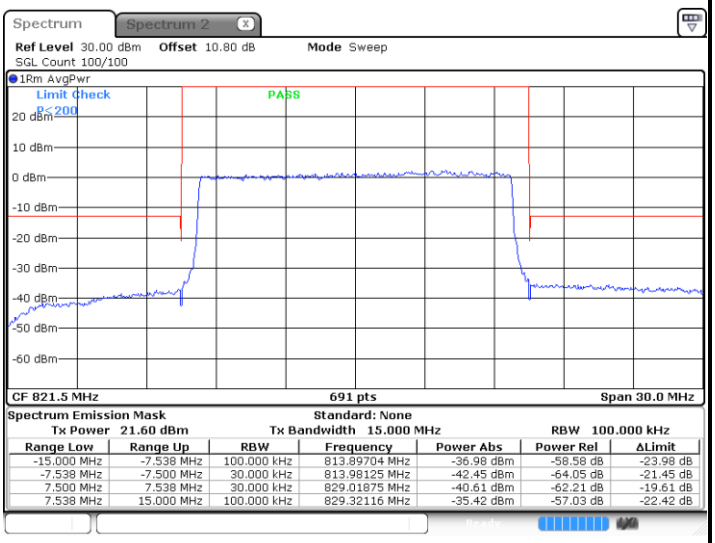



Spectrum Emission Mask Standard: None
Tx Power 22.10 dBm Tx Bandwidth 15.000 MHz RBW 100.000 kHz

| Range Low | Range Up | RBW | Frequency | Power Abs | Power Rel | ΔLimit |
|---|---|---|---|---|---|---|
| -15.000 MHz | -7.538 MHz | 100.000 kHz | 813.94068 MHz | -40.82 dBm | -62.92 dB | -27.82 dB |
| -7.538 MHz | -7.500 MHz | 30.000 kHz | 813.98125 MHz | -42.42 dBm | -64.52 dB | -21.42 dB |
| 7.500 MHz | 7.538 MHz | 30.000 kHz | 829.01875 MHz | -59.42 dBm | -81.52 dB | -38.42 dB |
| 7.538 MHz | 15.000 MHz | 100.000 kHz | 834.77621 MHz | -52.25 dBm | -74.35 dB | -39.25 dB |

Date: 12.SEP.2017 23:19:49

### Lowest Band Edge / Full RB



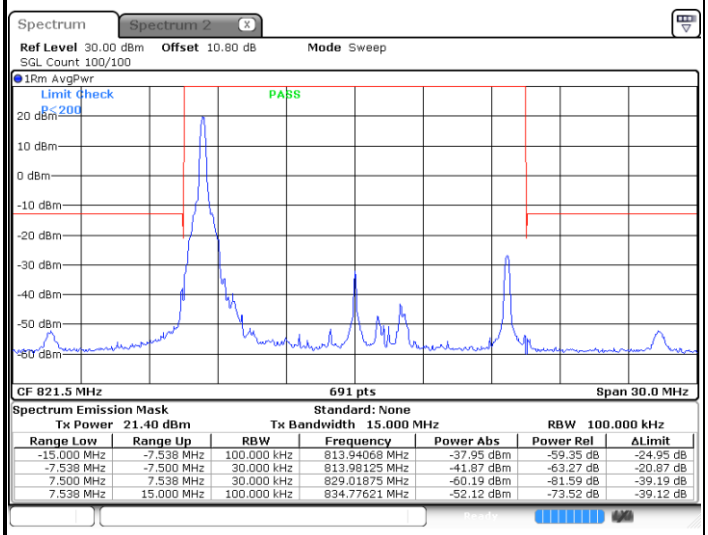

Spectrum Emission Mask Standard: None
Tx Power 21.60 dBm Tx Bandwidth 15.000 MHz RBW 100.000 kHz

| Range Low | Range Up | RBW | Frequency | Power Abs | Power Rel | ΔLimit |
|---|---|---|---|---|---|---|
| -15.000 MHz | -7.538 MHz | 100.000 kHz | 813.89704 MHz | -36.98 dBm | -58.58 dB | -23.98 dB |
| -7.538 MHz | -7.500 MHz | 30.000 kHz | 813.98125 MHz | -42.45 dBm | -64.05 dB | -21.45 dB |
| 7.500 MHz | 7.538 MHz | 30.000 kHz | 829.01875 MHz | -40.61 dBm | -62.21 dB | -19.61 dB |
| 7.538 MHz | 15.000 MHz | 100.000 kHz | 829.32116 MHz | -35.42 dBm | -57.03 dB | -22.42 dB |

Date: 12.SEP.2017 23:24:25

## LTE Band 26 / 15MHz 16QAM

### Lowest Band Edge / 1 RB

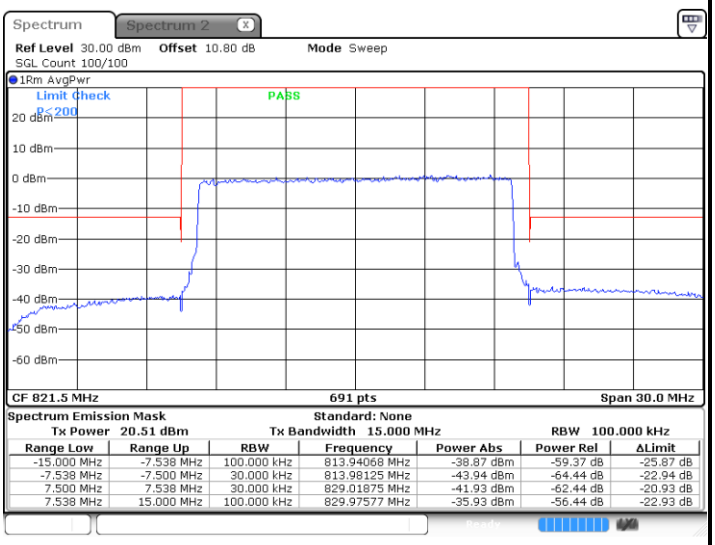



Spectrum Emission Mask Standard: None
Tx Power 21.40 dBm Tx Bandwidth 15.000 MHz RBW 100.000 kHz

| Range Low | Range Up | RBW | Frequency | Power Abs | Power Rel | ΔLimit |
|---|---|---|---|---|---|---|
| -15.000 MHz | -7.538 MHz | 100.000 kHz | 813.94068 MHz | -37.95 dBm | -59.35 dB | -24.95 dB |
| -7.538 MHz | -7.500 MHz | 30.000 kHz | 813.98125 MHz | -41.87 dBm | -63.27 dB | -20.87 dB |
| 7.500 MHz | 7.538 MHz | 30.000 kHz | 829.01875 MHz | -60.19 dBm | -81.59 dB | -39.19 dB |
| 7.538 MHz | 15.000 MHz | 100.000 kHz | 834.77621 MHz | -52.12 dBm | -73.52 dB | -39.12 dB |

Date: 12.SEP.2017 23:20:58

### Lowest Band Edge / Full RB



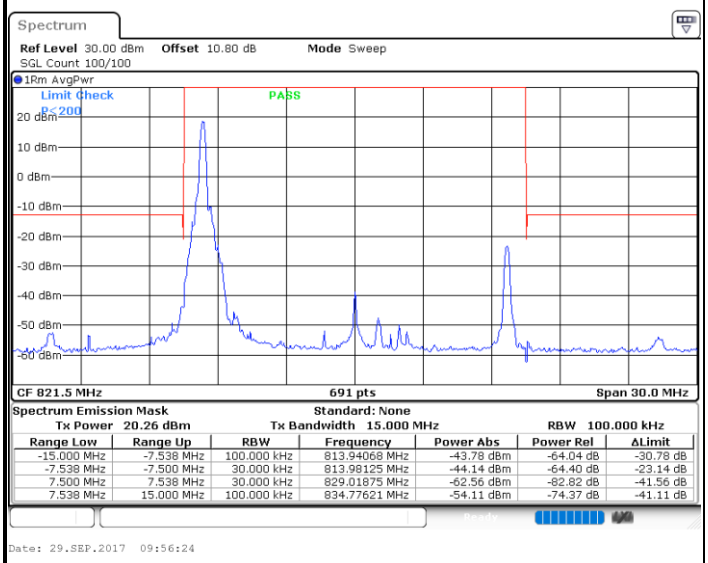

Spectrum Emission Mask Standard: None
Tx Power 20.51 dBm Tx Bandwidth 15.000 MHz RBW 100.000 kHz

| Range Low | Range Up | RBW | Frequency | Power Abs | Power Rel | ΔLimit |
|---|---|---|---|---|---|---|
| -15.000 MHz | -7.538 MHz | 100.000 kHz | 813.94068 MHz | -38.87 dBm | -59.37 dB | -25.87 dB |
| -7.538 MHz | -7.500 MHz | 30.000 kHz | 813.98125 MHz | -43.94 dBm | -64.44 dB | -22.94 dB |
| 7.500 MHz | 7.538 MHz | 30.000 kHz | 829.01875 MHz | -41.93 dBm | -62.44 dB | -20.93 dB |
| 7.538 MHz | 15.000 MHz | 100.000 kHz | 829.97577 MHz | -35.93 dBm | -56.44 dB | -22.93 dB |

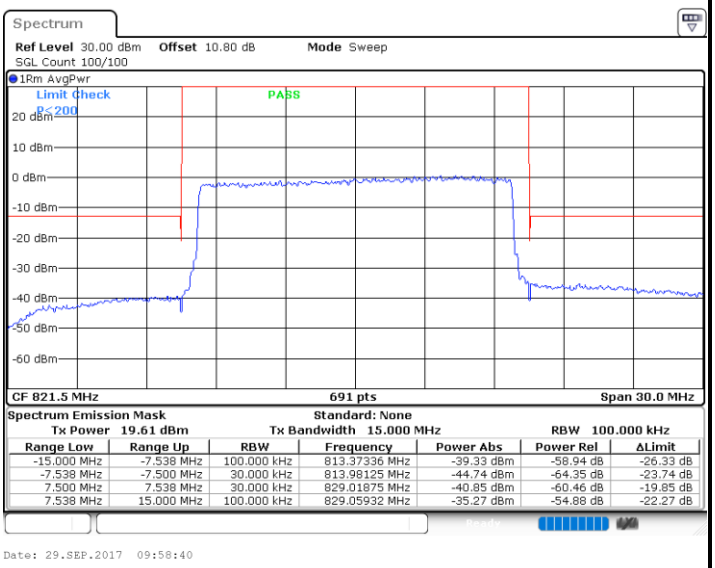
Date: 12.SEP.2017 23:25:34

## LTE Band 26 / 15MHz / 64QAM

### Lowest Band Edge / 1 RB



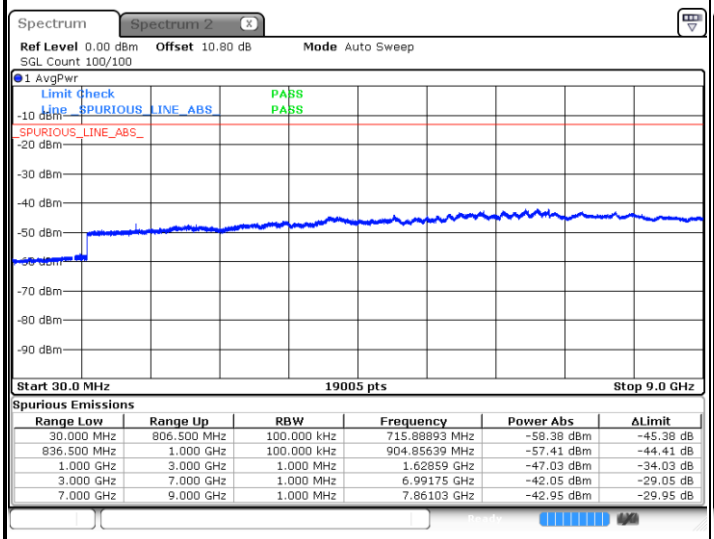

### Lowest Band Edge / Full RB



# Conducted Spurious Emission

## LTE Band 26 / 1.4MHz

### Lowest Channel / QPSK

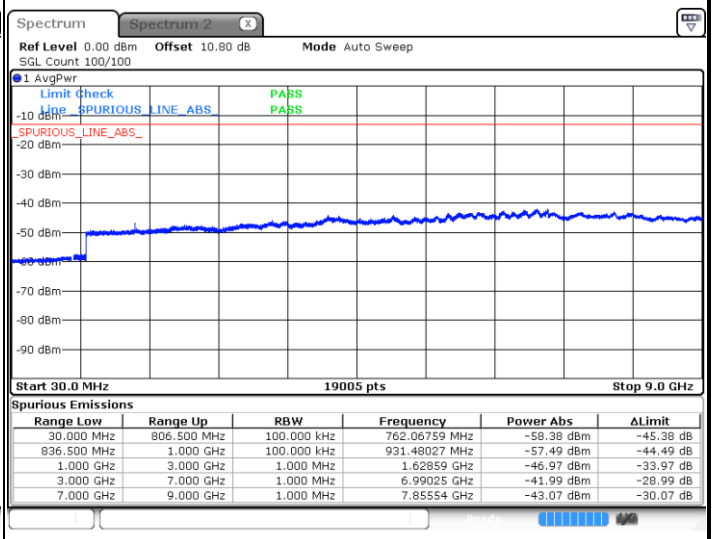



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 806.500 MHz | 100.000 kHz | 715.88893 MHz | -58.38 dBm | -45.38 dB |
| 836.500 MHz | 1.000 GHz | 100.000 kHz | 904.85639 MHz | -57.41 dBm | -44.41 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.62859 GHz | -47.03 dBm | -34.03 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.99175 GHz | -42.05 dBm | -29.05 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.86103 GHz | -42.95 dBm | -29.95 dB |

Date: 12.SEP.2017 23:51:16

### Lowest Channel / 16QAM

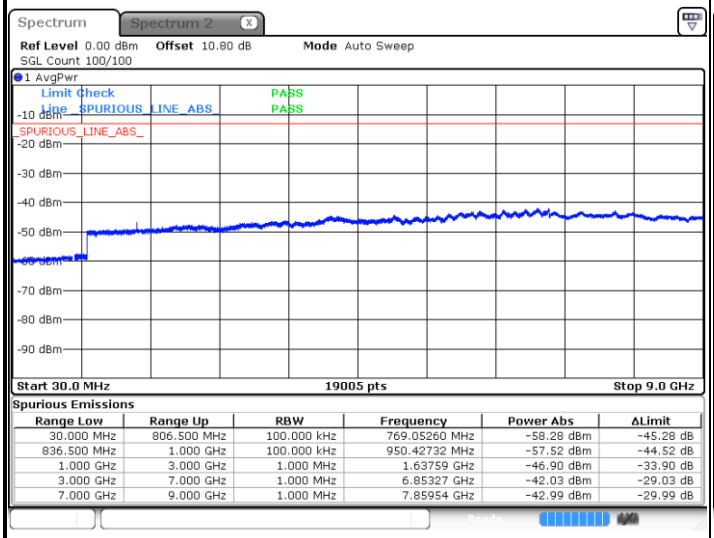



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 806.500 MHz | 100.000 kHz | 762.06759 MHz | -58.38 dBm | -45.38 dB |
| 836.500 MHz | 1.000 GHz | 100.000 kHz | 931.48027 MHz | -57.49 dBm | -44.49 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.62859 GHz | -46.97 dBm | -33.97 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.99025 GHz | -41.99 dBm | -28.99 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.85554 GHz | -43.07 dBm | -30.07 dB |

Date: 12.SEP.2017 23:52:11

### Middle Channel / QPSK

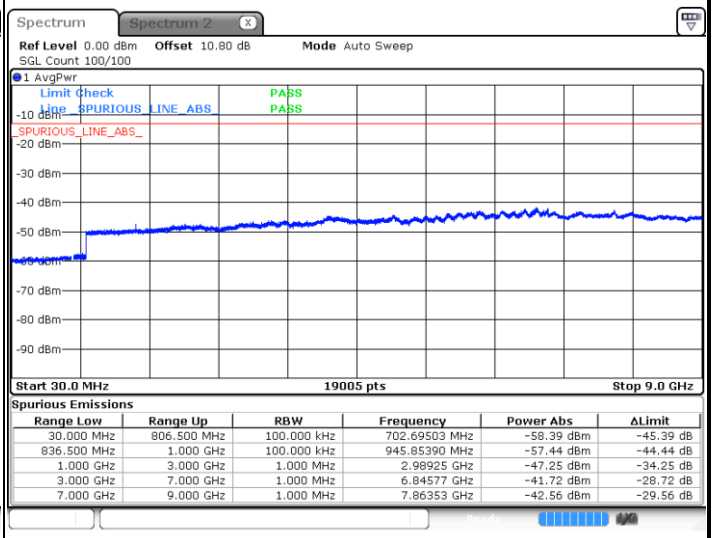



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 806.500 MHz | 100.000 kHz | 769.05260 MHz | -58.28 dBm | -45.28 dB |
| 836.500 MHz | 1.000 GHz | 100.000 kHz | 950.42732 MHz | -57.52 dBm | -44.52 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.63759 GHz | -46.90 dBm | -33.90 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.85327 GHz | -42.03 dBm | -29.03 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.85954 GHz | -42.99 dBm | -29.99 dB |

Date: 12.SEP.2017 23:53:46

### Middle Channel / 16QAM



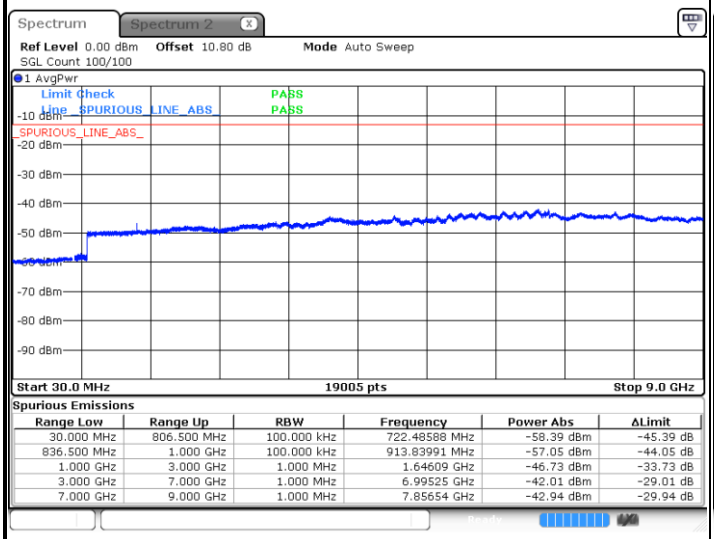

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 806.500 MHz | 100.000 kHz | 702.69503 MHz | -58.39 dBm | -45.39 dB |
| 836.500 MHz | 1.000 GHz | 100.000 kHz | 945.85390 MHz | -57.44 dBm | -44.44 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.98925 GHz | -47.25 dBm | -34.25 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.84577 GHz | -41.72 dBm | -28.72 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.86353 GHz | -42.56 dBm | -29.56 dB |

Date: 12.SEP.2017 23:54:41

## LTE Band 26 / 1.4MHz

### Highest Channel / QPSK

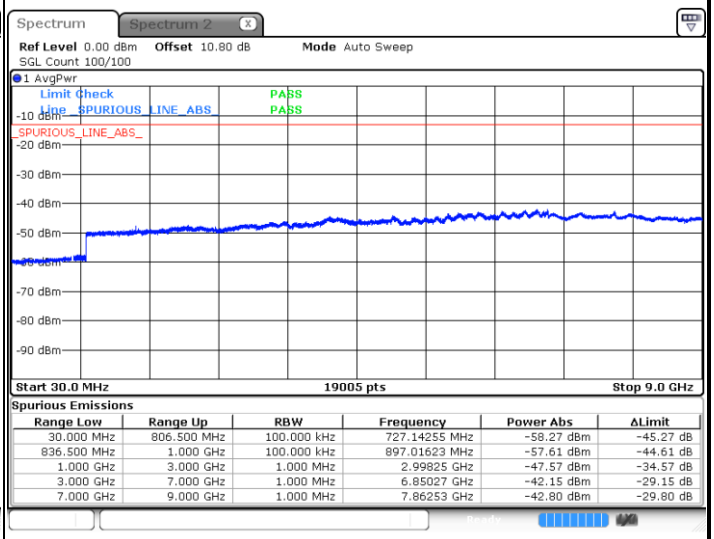



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 806.500 MHz | 100.000 kHz | 722.48588 MHz | -58.39 dBm | -45.39 dB |
| 836.500 MHz | 1.000 GHz | 100.000 kHz | 913.83991 MHz | -57.05 dBm | -44.05 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.64609 GHz | -46.73 dBm | -33.73 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.99525 GHz | -42.01 dBm | -29.01 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.85654 GHz | -42.94 dBm | -29.94 dB |

Date: 12.SEP.2017 23:56:17

### Highest Channel / 16QAM



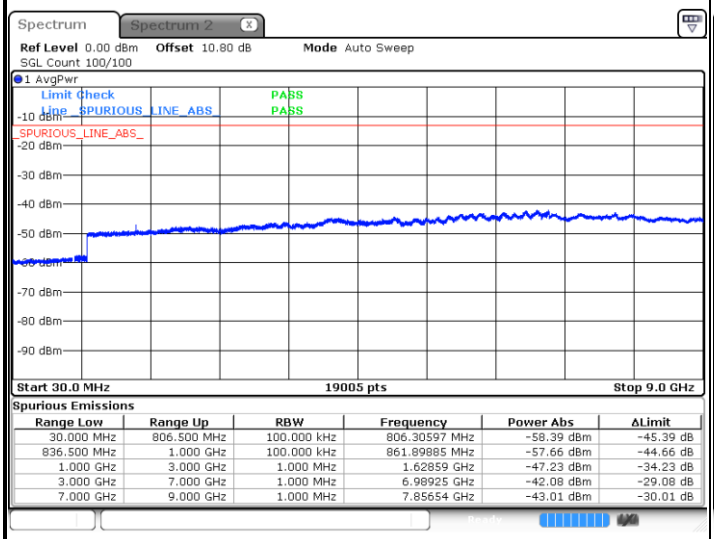

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 806.500 MHz | 100.000 kHz | 727.14255 MHz | -58.27 dBm | -45.27 dB |
| 836.500 MHz | 1.000 GHz | 100.000 kHz | 897.01623 MHz | -57.61 dBm | -44.61 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.99825 GHz | -47.57 dBm | -34.57 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.85027 GHz | -42.15 dBm | -29.15 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.86253 GHz | -42.80 dBm | -29.80 dB |

Date: 12.SEP.2017 23:57:12

## LTE Band 26 / 3MHz

### Lowest Channel / QPSK

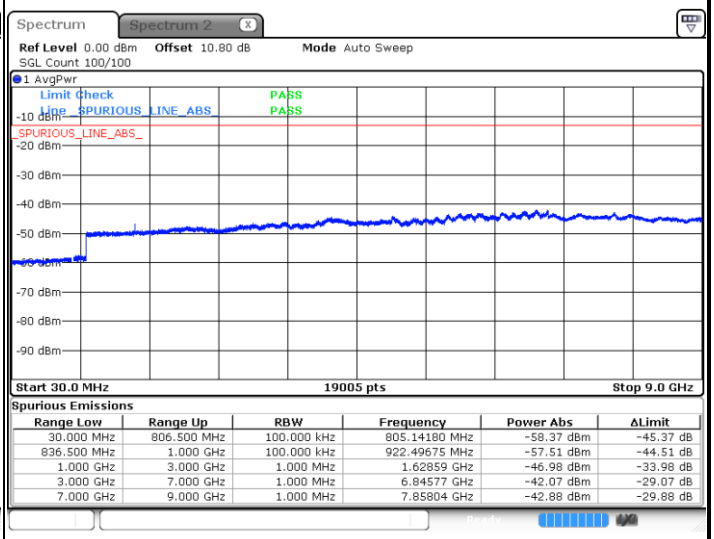



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 806.500 MHz | 100.000 kHz | 806.30597 MHz | -58.39 dBm | -45.39 dB |
| 836.500 MHz | 1.000 GHz | 100.000 kHz | 861.89885 MHz | -57.66 dBm | -44.66 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.62859 GHz | -47.23 dBm | -34.23 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.98925 GHz | -42.08 dBm | -29.08 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.85654 GHz | -43.01 dBm | -30.01 dB |

Date: 12.SEP.2017 23:27:10

### Lowest Channel / 16QAM



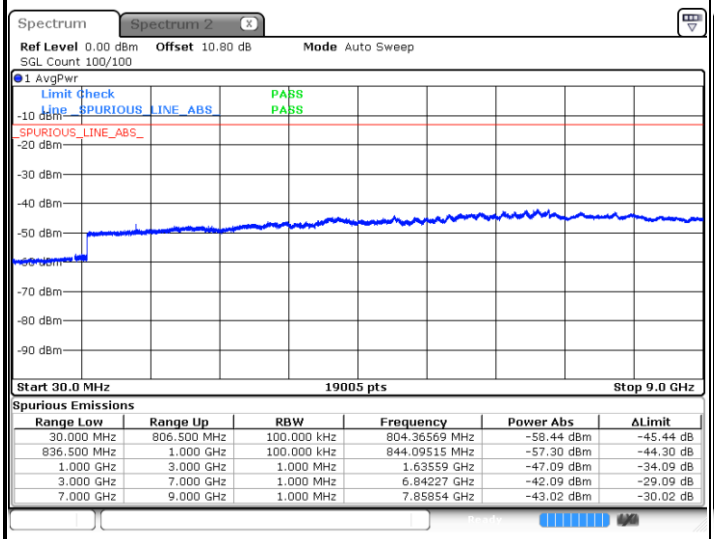

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 806.500 MHz | 100.000 kHz | 805.14180 MHz | -58.37 dBm | -45.37 dB |
| 836.500 MHz | 1.000 GHz | 100.000 kHz | 922.49675 MHz | -57.51 dBm | -44.51 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.62859 GHz | -46.98 dBm | -33.98 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.84577 GHz | -42.07 dBm | -29.07 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.85804 GHz | -42.88 dBm | -29.88 dB |

Date: 12.SEP.2017 23:28:05

## LTE Band 26 / 3MHz

### Middle Channel / QPSK

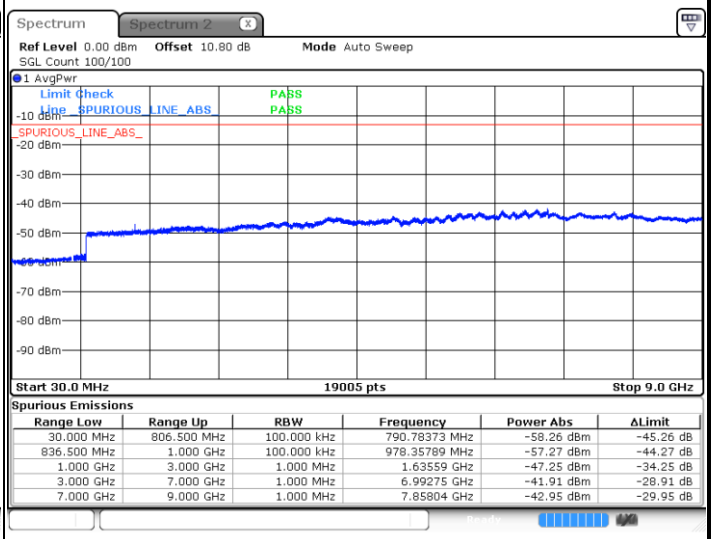



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 806.500 MHz | 100.000 kHz | 804.36569 MHz | -58.44 dBm | -45.44 dB |
| 836.500 MHz | 1.000 GHz | 100.000 kHz | 844.09515 MHz | -57.30 dBm | -44.30 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.63559 GHz | -47.09 dBm | -34.09 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.84227 GHz | -42.09 dBm | -29.09 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.85854 GHz | -43.02 dBm | -30.02 dB |

Date: 12.SEP.2017 23:29:40

### Middle Channel / 16QAM

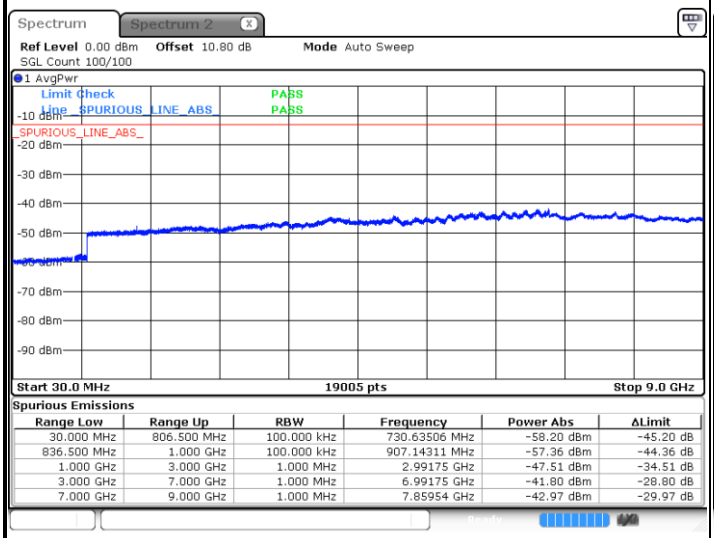



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 806.500 MHz | 100.000 kHz | 790.78373 MHz | -58.26 dBm | -45.26 dB |
| 836.500 MHz | 1.000 GHz | 100.000 kHz | 978.35789 MHz | -57.27 dBm | -44.27 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.63559 GHz | -47.25 dBm | -34.25 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.99275 GHz | -41.91 dBm | -28.91 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.85804 GHz | -42.95 dBm | -29.95 dB |

Date: 12.SEP.2017 23:30:35

### Highest Channel / QPSK

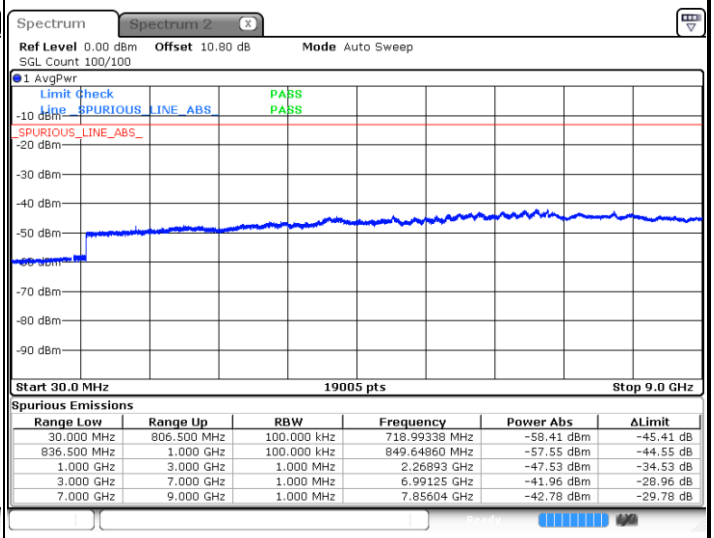



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 806.500 MHz | 100.000 kHz | 730.63506 MHz | -58.20 dBm | -45.20 dB |
| 836.500 MHz | 1.000 GHz | 100.000 kHz | 907.14311 MHz | -57.36 dBm | -44.36 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.99175 GHz | -47.51 dBm | -34.51 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.99175 GHz | -41.80 dBm | -28.80 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.85954 GHz | -42.97 dBm | -29.97 dB |

Date: 12.SEP.2017 23:32:11

### Highest Channel / 16QAM



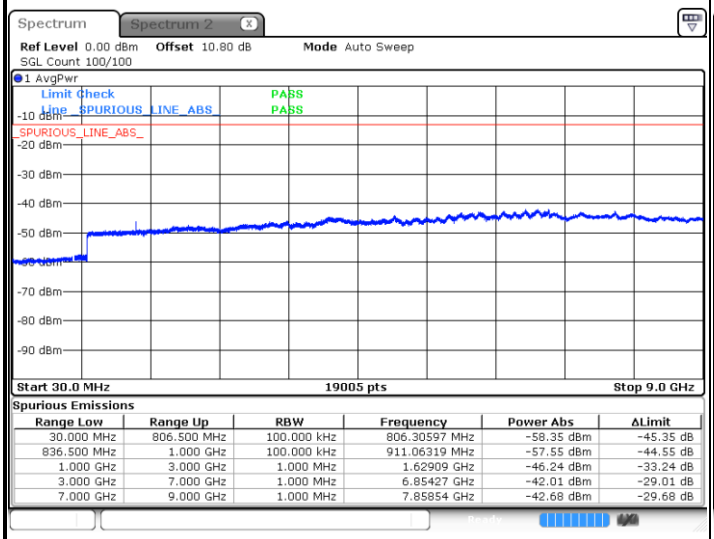

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 806.500 MHz | 100.000 kHz | 718.99338 MHz | -58.41 dBm | -45.41 dB |
| 836.500 MHz | 1.000 GHz | 100.000 kHz | 849.64860 MHz | -57.55 dBm | -44.55 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.26893 GHz | -47.53 dBm | -34.53 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.99125 GHz | -41.96 dBm | -28.96 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.85604 GHz | -42.78 dBm | -29.78 dB |

Date: 12.SEP.2017 23:33:06

## LTE Band 26 / 5MHz

### Lowest Channel / QPSK

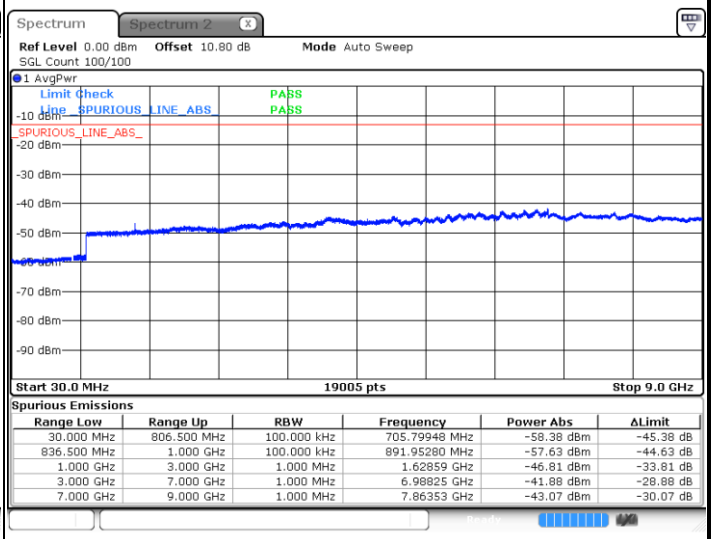



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 806.500 MHz | 100.000 kHz | 806.30597 MHz | -58.35 dBm | -45.35 dB |
| 836.500 MHz | 1.000 GHz | 100.000 kHz | 911.06319 MHz | -57.55 dBm | -44.55 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.62909 GHz | -46.24 dBm | -33.24 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.85427 GHz | -42.01 dBm | -29.01 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.85854 GHz | -42.68 dBm | -29.68 dB |

Date: 12.SEP.2017 23:34:41

### Lowest Channel / 16QAM

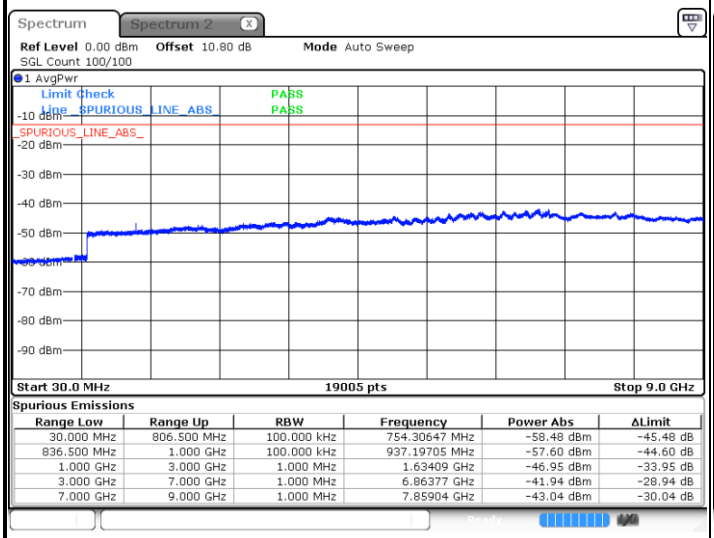



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 806.500 MHz | 100.000 kHz | 705.79948 MHz | -58.38 dBm | -45.38 dB |
| 836.500 MHz | 1.000 GHz | 100.000 kHz | 891.95280 MHz | -57.63 dBm | -44.63 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.62859 GHz | -46.81 dBm | -33.81 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.98825 GHz | -41.88 dBm | -28.88 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.86353 GHz | -43.07 dBm | -30.07 dB |

Date: 12.SEP.2017 23:35:36

### Middle Channel / QPSK

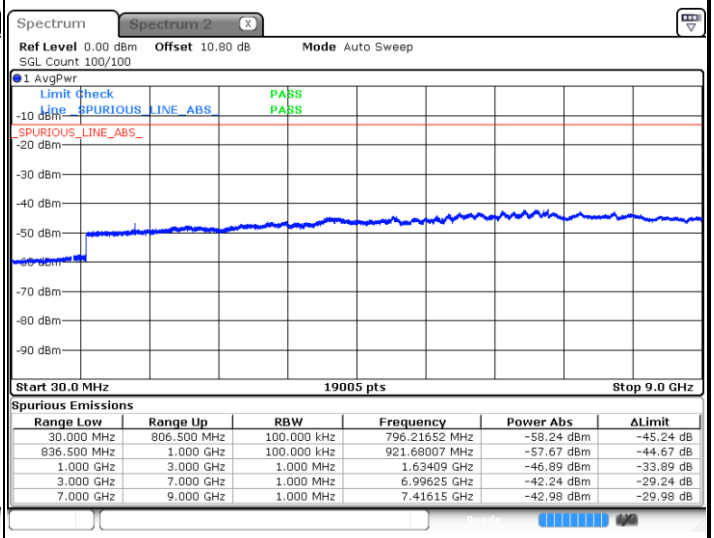



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 806.500 MHz | 100.000 kHz | 754.30647 MHz | -58.48 dBm | -45.48 dB |
| 836.500 MHz | 1.000 GHz | 100.000 kHz | 937.19705 MHz | -57.60 dBm | -44.60 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.63409 GHz | -46.95 dBm | -33.95 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.86377 GHz | -41.94 dBm | -28.94 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.85904 GHz | -43.04 dBm | -30.04 dB |

Date: 12.SEP.2017 23:37:11

### Middle Channel / 16QAM



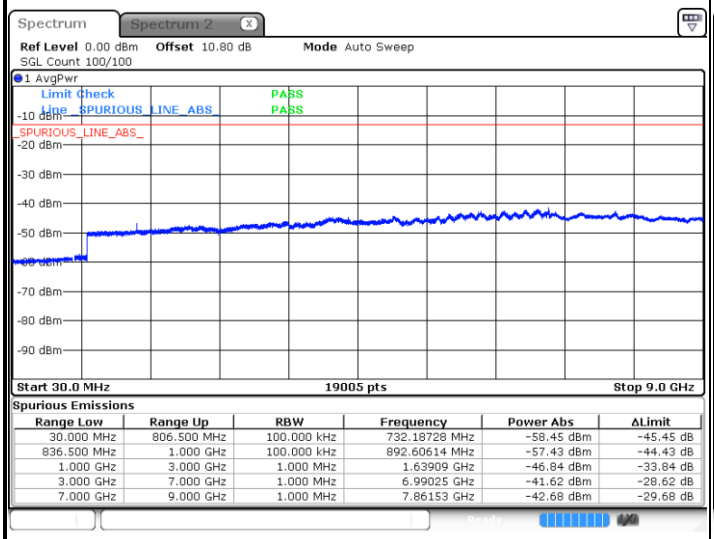

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 806.500 MHz | 100.000 kHz | 796.21652 MHz | -58.24 dBm | -45.24 dB |
| 836.500 MHz | 1.000 GHz | 100.000 kHz | 921.68007 MHz | -57.67 dBm | -44.67 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.63409 GHz | -46.89 dBm | -33.89 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.99625 GHz | -42.24 dBm | -29.24 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.41615 GHz | -42.98 dBm | -29.98 dB |

Date: 12.SEP.2017 23:38:07

## LTE Band 26 / 5MHz

### Highest Channel / QPSK

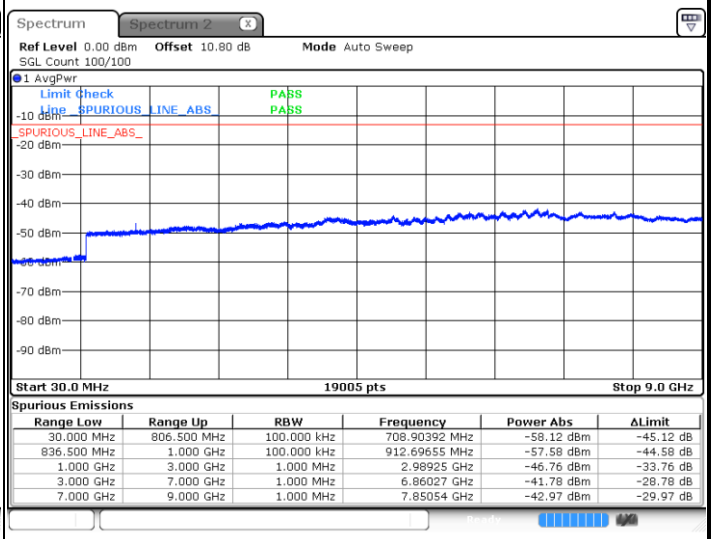



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 806.500 MHz | 100.000 kHz | 732.18728 MHz | -58.45 dBm | -45.45 dB |
| 836.500 MHz | 1.000 GHz | 100.000 kHz | 892.60614 MHz | -57.43 dBm | -44.43 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.63909 GHz | -46.84 dBm | -33.84 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.99025 GHz | -41.62 dBm | -28.62 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.86153 GHz | -42.68 dBm | -29.68 dB |

Date: 12.SEP.2017 23:39:42

### Highest Channel / 16QAM



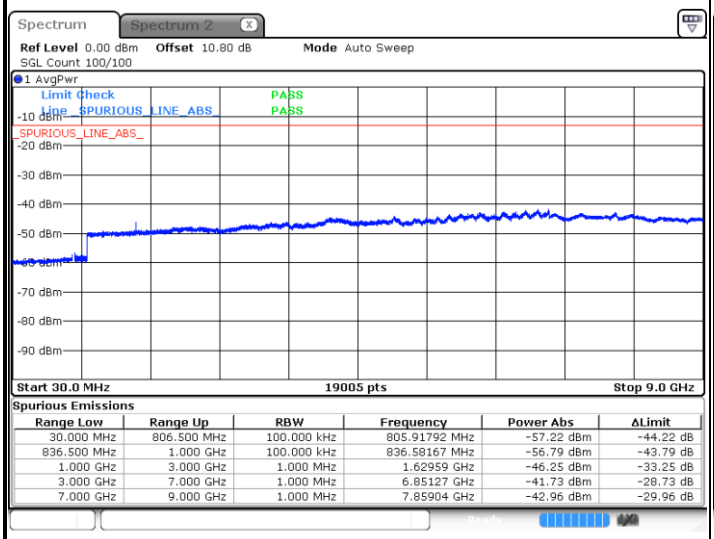

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 806.500 MHz | 100.000 kHz | 708.90392 MHz | -58.12 dBm | -45.12 dB |
| 836.500 MHz | 1.000 GHz | 100.000 kHz | 912.69655 MHz | -57.58 dBm | -44.58 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.98925 GHz | -46.76 dBm | -33.76 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.86027 GHz | -41.78 dBm | -28.78 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.85054 GHz | -42.97 dBm | -29.97 dB |

Date: 12.SEP.2017 23:40:37

## LTE Band 26 / 10MHz

### Middle Channel / QPSK

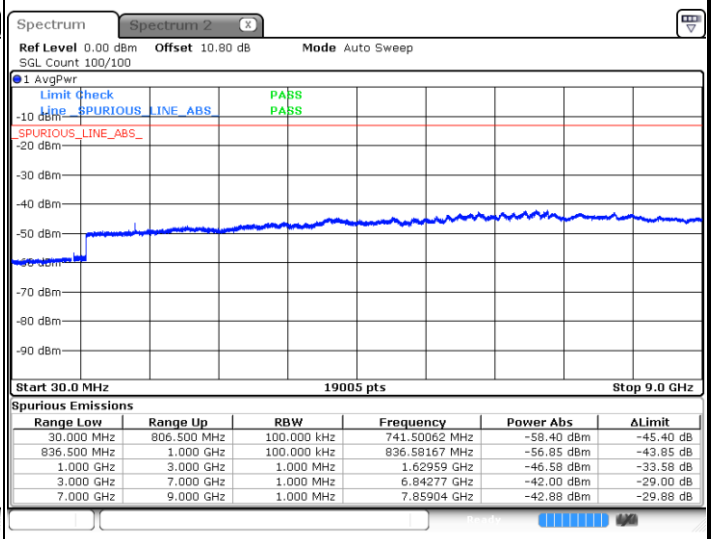



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 806.500 MHz | 100.000 kHz | 805.91792 MHz | -57.22 dBm | -44.22 dB |
| 836.500 MHz | 1.000 GHz | 100.000 kHz | 836.58167 MHz | -56.79 dBm | -43.79 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.62959 GHz | -46.25 dBm | -33.25 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.85127 GHz | -41.73 dBm | -28.73 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.85904 GHz | -42.96 dBm | -29.96 dB |

Date: 12.SEP.2017 23:42:12

### Middle Channel / 16QAM



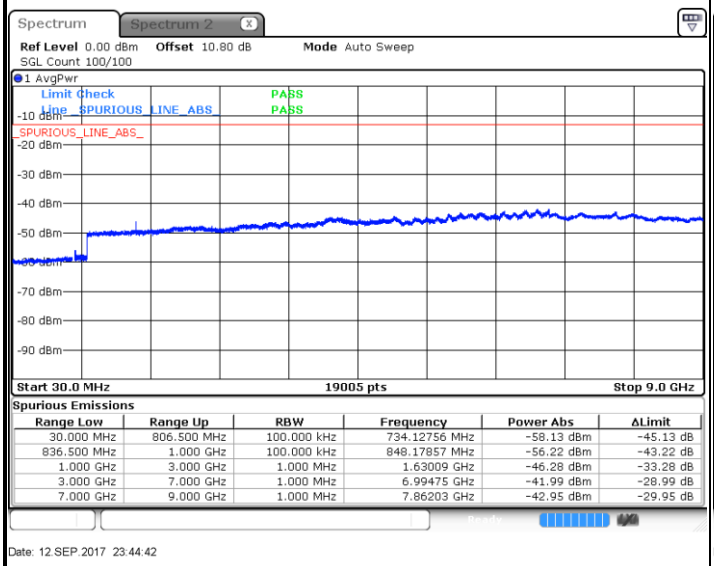

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 806.500 MHz | 100.000 kHz | 741.50062 MHz | -58.40 dBm | -45.40 dB |
| 836.500 MHz | 1.000 GHz | 100.000 kHz | 836.58167 MHz | -56.85 dBm | -43.85 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.62959 GHz | -46.58 dBm | -33.58 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.84277 GHz | -42.00 dBm | -29.00 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.85904 GHz | -42.88 dBm | -29.88 dB |

Date: 12.SEP.2017 23:43:07

## LTE Band 26 / 15MHz

### Lowest Channel / QPSK

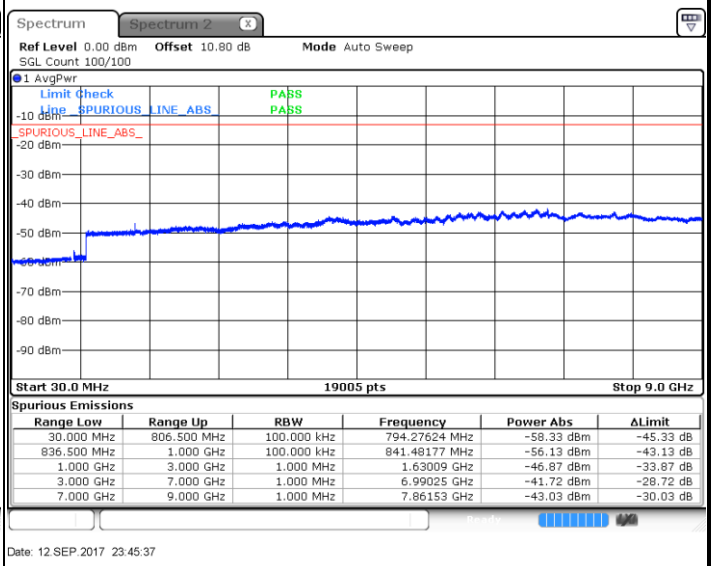



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 806.500 MHz | 100.000 kHz | 734.12756 MHz | -58.13 dBm | -45.13 dB |
| 836.500 MHz | 1.000 GHz | 100.000 kHz | 848.17857 MHz | -56.22 dBm | -43.22 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.63009 GHz | -46.28 dBm | -33.28 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.99475 GHz | -41.99 dBm | -28.99 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.86203 GHz | -42.95 dBm | -29.95 dB |

Date: 12.SEP.2017 23:44:42

### Lowest Channel / 16QAM



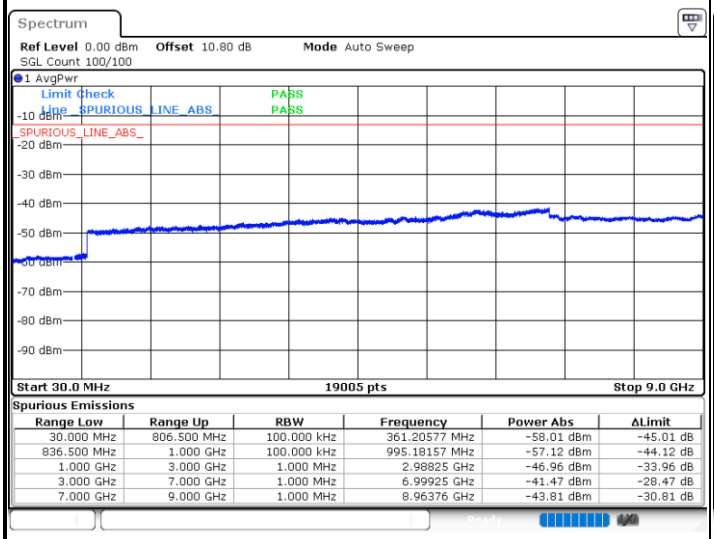

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 806.500 MHz | 100.000 kHz | 794.27624 MHz | -58.33 dBm | -45.33 dB |
| 836.500 MHz | 1.000 GHz | 100.000 kHz | 841.48177 MHz | -56.13 dBm | -43.13 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.63009 GHz | -46.87 dBm | -33.87 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.99025 GHz | -41.72 dBm | -28.72 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.86153 GHz | -43.03 dBm | -30.03 dB |

Date: 12.SEP.2017 23:45:37

## LTE Band 26 / 1.4MHz

### Lowest Channel / 64QAM

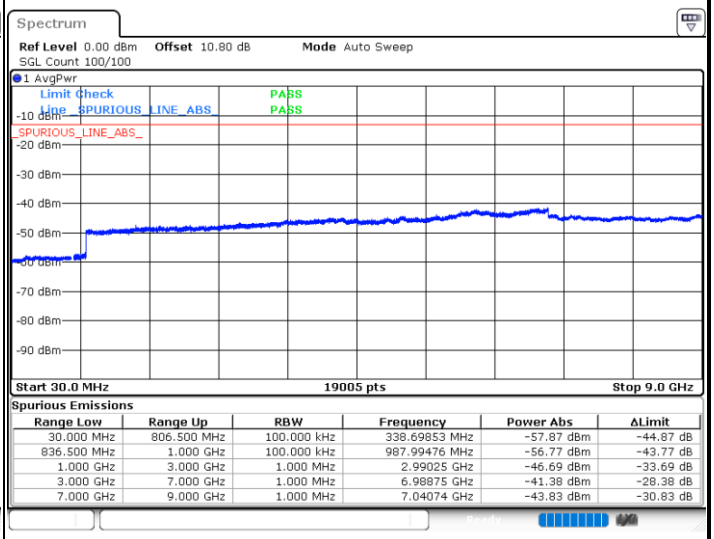



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 806.500 MHz | 100.000 kHz | 361.20577 MHz | -58.01 dBm | -45.01 dB |
| 836.500 MHz | 1.000 GHz | 100.000 kHz | 995.18157 MHz | -57.12 dBm | -44.12 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.98825 GHz | -46.96 dBm | -33.96 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.99925 GHz | -41.47 dBm | -28.47 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 8.96376 GHz | -43.81 dBm | -30.81 dB |

Date: 29.SEP.2017 10:11:38

### Middle Channel / 64QAM

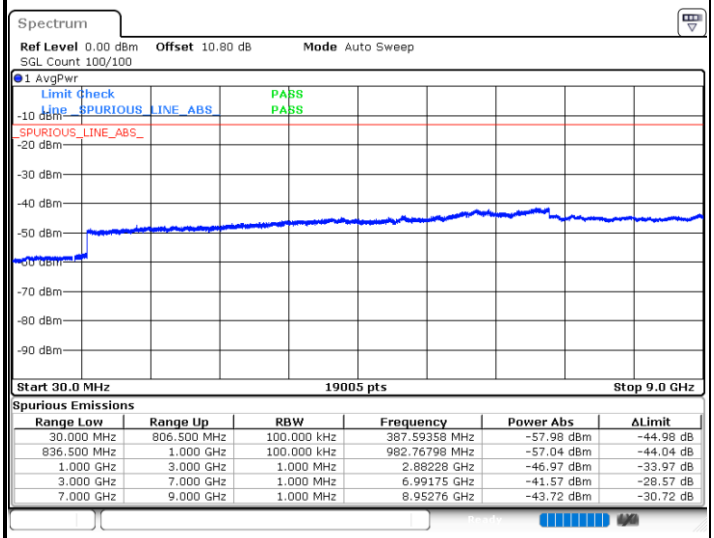



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 806.500 MHz | 100.000 kHz | 338.69853 MHz | -57.87 dBm | -44.87 dB |
| 836.500 MHz | 1.000 GHz | 100.000 kHz | 987.99476 MHz | -56.77 dBm | -43.77 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.99025 GHz | -46.69 dBm | -33.69 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.98875 GHz | -41.38 dBm | -28.38 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.04074 GHz | -43.83 dBm | -30.83 dB |

Date: 29.SEP.2017 10:12:52

### Highest Channel / 64QAM




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 806.500 MHz | 100.000 kHz | 387.59358 MHz | -57.98 dBm | -44.98 dB |
| 836.500 MHz | 1.000 GHz | 100.000 kHz | 982.76798 MHz | -57.04 dBm | -44.04 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.88228 GHz | -46.97 dBm | -33.97 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.99175 GHz | -41.57 dBm | -28.57 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 8.95276 GHz | -43.72 dBm | -30.72 dB |

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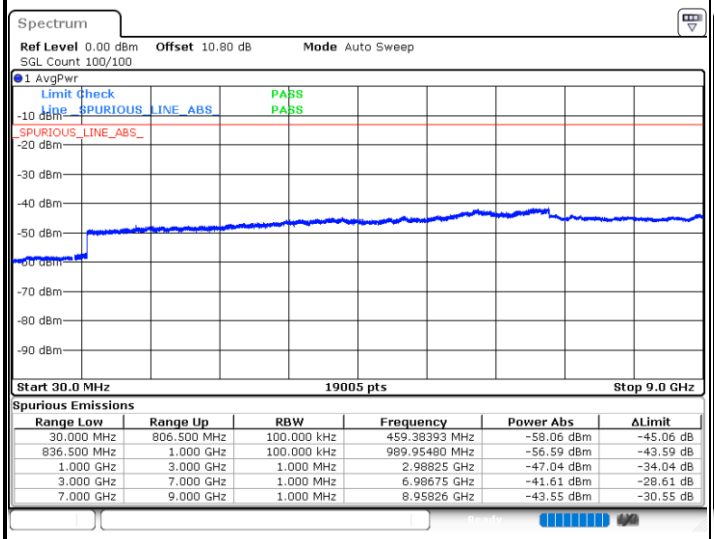
## LTE Band 26 / 3MHz

### Lowest Channel / 64QAM




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 806.500 MHz | 100.000 kHz | 459.38393 MHz | -58.06 dBm | -45.06 dB |
| 836.500 MHz | 1.000 GHz | 100.000 kHz | 989.95480 MHz | -56.59 dBm | -43.59 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.98825 GHz | -47.04 dBm | -34.04 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.98675 GHz | -41.61 dBm | -28.61 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 8.95826 GHz | -43.55 dBm | -30.55 dB |

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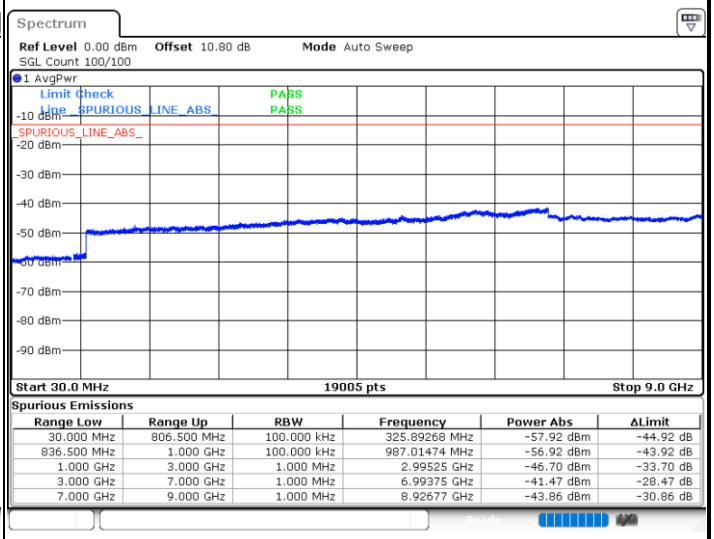
### Middle Channel / 64QAM




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 806.500 MHz | 100.000 kHz | 325.89268 MHz | -57.92 dBm | -44.92 dB |
| 836.500 MHz | 1.000 GHz | 100.000 kHz | 987.01474 MHz | -56.92 dBm | -43.92 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.99525 GHz | -46.70 dBm | -33.70 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.99375 GHz | -41.47 dBm | -28.47 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 8.92677 GHz | -43.86 dBm | -30.86 dB |

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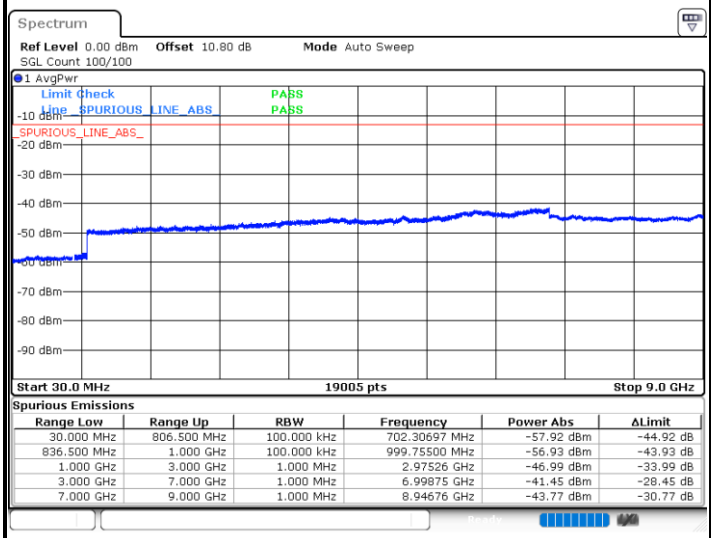
### Highest Channel / 64QAM




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 806.500 MHz | 100.000 kHz | 702.30697 MHz | -57.92 dBm | -44.92 dB |
| 836.500 MHz | 1.000 GHz | 100.000 kHz | 999.75500 MHz | -56.93 dBm | -43.93 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.97526 GHz | -46.99 dBm | -33.99 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.99875 GHz | -41.45 dBm | -28.45 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 8.94676 GHz | -43.77 dBm | -30.77 dB |

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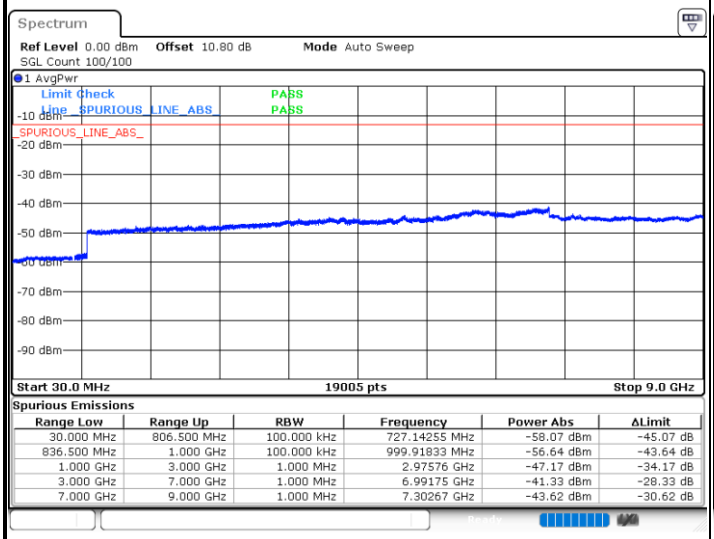
## LTE Band 26 / 5MHz

### Lowest Channel / 64QAM




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 806.500 MHz | 100.000 kHz | 727.14255 MHz | -58.07 dBm | -45.07 dB |
| 836.500 MHz | 1.000 GHz | 100.000 kHz | 999.91833 MHz | -56.64 dBm | -43.64 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.97576 GHz | -47.17 dBm | -34.17 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.99175 GHz | -41.33 dBm | -28.33 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.30267 GHz | -43.62 dBm | -30.62 dB |

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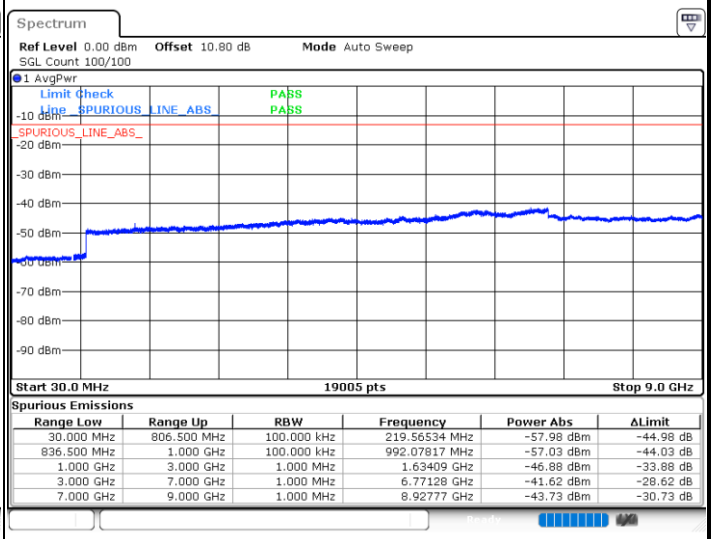
### Middle Channel / 64QAM




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 806.500 MHz | 100.000 kHz | 219.56534 MHz | -57.98 dBm | -44.98 dB |
| 836.500 MHz | 1.000 GHz | 100.000 kHz | 992.07817 MHz | -57.03 dBm | -44.03 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.63409 GHz | -46.88 dBm | -33.88 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.77128 GHz | -41.62 dBm | -28.62 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 8.92777 GHz | -43.73 dBm | -30.73 dB |

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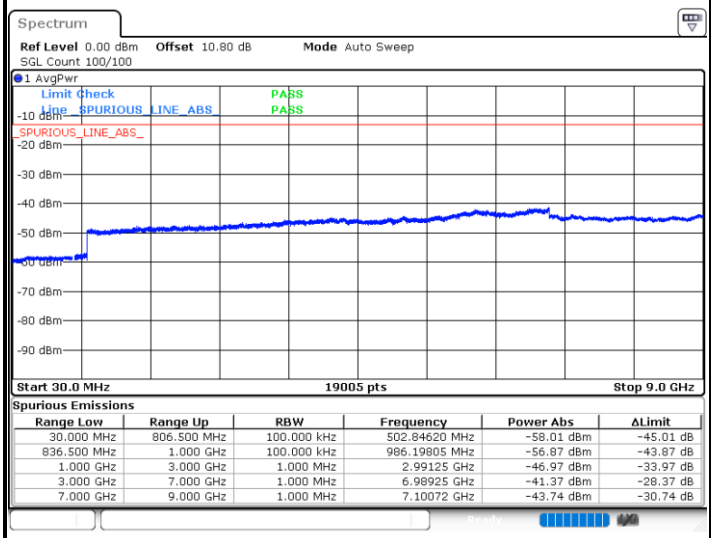
### Highest Channel / 64QAM




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 806.500 MHz | 100.000 kHz | 502.84620 MHz | -58.01 dBm | -45.01 dB |
| 836.500 MHz | 1.000 GHz | 100.000 kHz | 986.19805 MHz | -56.87 dBm | -43.87 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.99125 GHz | -46.97 dBm | -33.97 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.98925 GHz | -41.37 dBm | -28.37 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.10072 GHz | -43.74 dBm | -30.74 dB |

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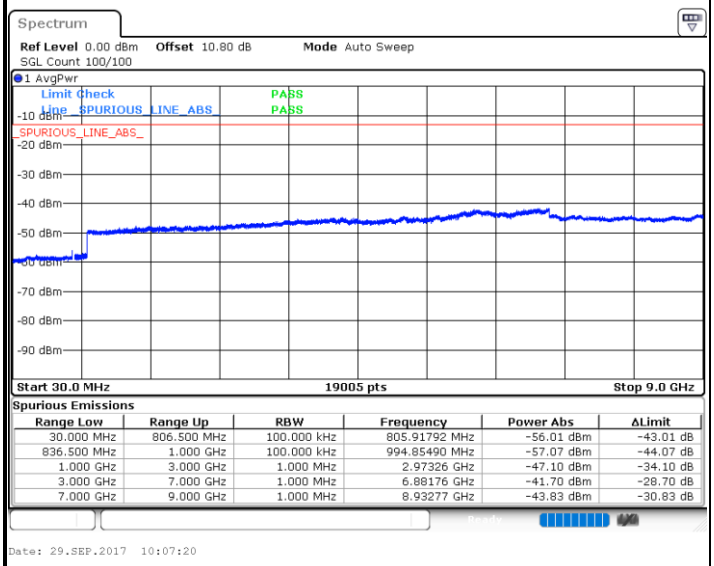
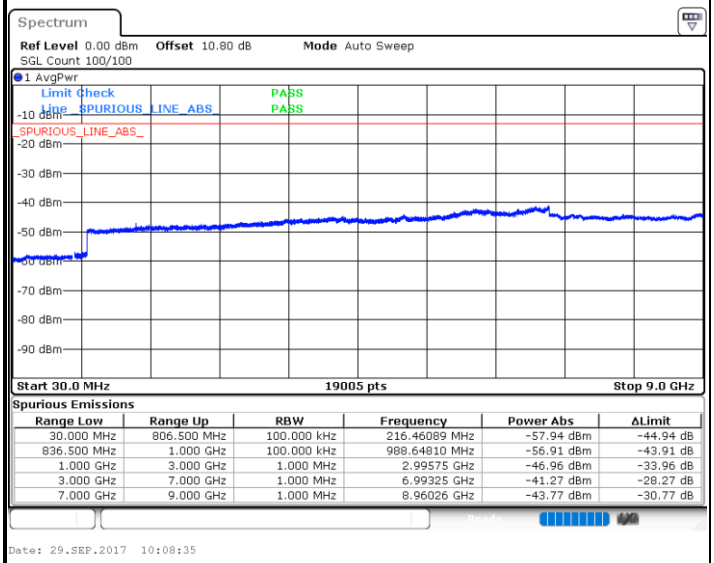
| LTE Band 26 / 10MHz | |
|---|---|
| **Middle Channel / 64QAM** | |




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 806.500 MHz | 100.000 kHz | 805.91792 MHz | -56.01 dBm | -43.01 dB |
| 836.500 MHz | 1.000 GHz | 100.000 kHz | 994.85490 MHz | -57.07 dBm | -44.07 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.97326 GHz | -47.10 dBm | -34.10 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.88176 GHz | -41.70 dBm | -28.70 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 8.93277 GHz | -43.83 dBm | -30.83 dB |

| LTE Band 26 / 15MHz | |
|---|---|
| **Lowest Channel / 64QAM** | |




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 806.500 MHz | 100.000 kHz | 216.46089 MHz | -57.94 dBm | -44.94 dB |
| 836.500 MHz | 1.000 GHz | 100.000 kHz | 988.64810 MHz | -56.91 dBm | -43.91 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.99575 GHz | -46.96 dBm | -33.96 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.99325 GHz | -41.27 dBm | -28.27 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 8.96026 GHz | -43.77 dBm | -30.77 dB |

# Frequency Stability

| Test Conditions | | LTE Band 26 (QPSK) / Middle Channel | Limit |
|---|---|---|---|
| Temperature (°C) | Voltage (Volt) | BW 10MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0026 | PASS |
| 40 | Normal Voltage | 0.0085 | |
| 30 | Normal Voltage | 0.0005 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0001 | |
| 0 | Normal Voltage | 0.0079 | |
| -10 | Normal Voltage | 0.0092 | |
| -20 | Normal Voltage | 0.0088 | |
| -30 | Normal Voltage | 0.0081 | |
| 20 | Maximum Voltage | 0.0089 | |
| 20 | Normal Voltage | 0.0000 | |
| 20 | Battery End Point | 0.0010 | |

**Note:**

1. Normal Voltage =3.85 V.；Battery End Point (BEP) =3.6 V.；Maximum Voltage =4.2 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

| Test Conditions | | LTE Band 26 (QPSK) / Low Channel | Limit |
|---|---|---|---|
| Temperature (°C) | Voltage (Volt) | BW 15MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0012 | PASS |
| 40 | Normal Voltage | 0.0013 | |
| 30 | Normal Voltage | 0.0007 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0004 | |
| 0 | Normal Voltage | 0.0019 | |
| -10 | Normal Voltage | 0.0001 | |
| -20 | Normal Voltage | 0.0019 | |
| -30 | Normal Voltage | 0.0100 | |
| 20 | Maximum Voltage | 0.0023 | |
| 20 | Normal Voltage | 0.0000 | |
| 20 | Battery End Point | 0.0090 | |

**Note:**

1. Normal Voltage =3.85 V.；Battery End Point (BEP) =3.6 V.；Maximum Voltage =4.2 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

# Appendix B. Test Results of ERP and Radiated Test

## ERP

| LTE Band 26 / 1.4MHz (Average) (GT - LC = -2.6 dB) | | | | | | | |
|---|---|---|---|---|---|---|---|
| Channel | Mode | RB | | Conducted | | ERP | |
| | | Size | Offset | Power (dBm) | Power (Watts) | ERP(dBm) | ERP(W) |
| Lowest | QPSK | 3 | 1 | 22.50 | 0.1778 | 17.75 | 0.0596 |
| Middle | | 3 | 1 | 22.50 | 0.1778 | 17.75 | 0.0596 |
| Highest | | 3 | 1 | 22.59 | 0.1816 | 17.84 | 0.0608 |
| Lowest | 16QAM | 1 | 3 | 21.99 | 0.1581 | 17.24 | 0.0530 |
| Middle | | 1 | 3 | 21.39 | 0.1377 | 16.64 | 0.0461 |
| Highest | | 1 | 3 | 21.58 | 0.1439 | 16.83 | 0.0482 |
| Lowest | 64QAM | 1 | 3 | 20.72 | 0.1180 | 15.97 | 0.0395 |
| Middle | | 1 | 3 | 20.81 | 0.1205 | 16.06 | 0.0404 |
| Highest | | 1 | 3 | 20.79 | 0.1199 | 16.04 | 0.0402 |
| Limit | ERP < 7W | | | Result | | PASS | |

| LTE Band 26 / 3MHz (Average) (GT - LC = -2.6 dB) | | | | | | | |
|---|---|---|---|---|---|---|---|
| Channel | Mode | RB | | Conducted | | ERP | |
| | | Size | Offset | Power (dBm) | Power (Watts) | ERP(dBm) | ERP(W) |
| Lowest | QPSK | 1 | 0 | 22.48 | 0.1770 | 17.73 | 0.0593 |
| Middle | | 1 | 0 | 22.55 | 0.1799 | 17.80 | 0.0603 |
| Highest | | 1 | 0 | 22.68 | 0.1854 | 17.93 | 0.0621 |
| Lowest | 16QAM | 1 | 0 | 21.87 | 0.1538 | 17.12 | 0.0515 |
| Middle | | 1 | 0 | 21.98 | 0.1578 | 17.23 | 0.0528 |
| Highest | | 1 | 0 | 21.49 | 0.1409 | 16.74 | 0.0472 |
| Lowest | 64QAM | 1 | 8 | 20.90 | 0.1230 | 16.15 | 0.0412 |
| Middle | | 1 | 8 | 20.77 | 0.1194 | 16.02 | 0.0400 |
| Highest | | 1 | 8 | 20.58 | 0.1143 | 15.83 | 0.0383 |
| Limit | ERP < 7W | | | Result | | PASS | |

| LTE Band 26 / 5MHz (Average) (GT - LC = -2.6 dB) | | | | | | | |
|---|---|---|---|---|---|---|---|
| Channel | Mode | RB | | Conducted | | ERP | |
| | | Size | Offset | Power (dBm) | Power (Watts) | ERP(dBm) | ERP(W) |
| Lowest | QPSK | 1 | 0 | 22.51 | 0.1782 | 17.76 | 0.0597 |
| Middle | | 1 | 0 | 22.56 | 0.1803 | 17.81 | 0.0604 |
| Highest | | 1 | 0 | 22.66 | 0.1845 | 17.91 | 0.0618 |
| Lowest | 16QAM | 1 | 0 | 21.75 | 0.1496 | 17.00 | 0.0501 |
| Middle | | 1 | 0 | 21.87 | 0.1538 | 17.12 | 0.0515 |
| Highest | | 1 | 0 | 21.75 | 0.1496 | 17.00 | 0.0501 |
| Lowest | 64QAM | 1 | 0 | 20.69 | 0.1172 | 15.94 | 0.0393 |
| Middle | | 1 | 0 | 20.77 | 0.1194 | 16.02 | 0.0400 |
| Highest | | 1 | 0 | 20.91 | 0.1233 | 16.16 | 0.0413 |
| Limit | ERP < 7W | | | Result | | PASS | |

| LTE Band 26 / 10MHz (Average) (GT - LC = -2.6 dB) | | | | | | | |
|---|---|---|---|---|---|---|---|
| Channel | Mode | RB | | Conducted | | ERP | |
| | | Size | Offset | Power (dBm) | Power (Watts) | ERP(dBm) | ERP(W) |
| Lowest | QPSK | - | - | - | - | - | - |
| Middle | | 1 | 25 | 22.61 | 0.1824 | 17.86 | 0.0611 |
| Highest | | - | - | - | - | - | - |
| Lowest | 16QAM | - | - | - | - | - | - |
| Middle | | 1 | 49 | 21.66 | 0.1466 | 16.91 | 0.0491 |
| Highest | | - | - | - | - | - | - |
| Lowest | 64QAM | - | - | - | - | - | - |
| Middle | | 1 | 49 | 20.90 | 0.1230 | 16.15 | 0.0412 |
| Highest | | - | - | - | - | - | - |
| Limit | ERP < 7W | | | Result | | PASS | |

| LTE Band 26 / 15MHz (Average) (GT - LC = -2.6 dB) | | | | | | | |
|---|---|---|---|---|---|---|---|
| Channel | Mode | RB | | Conducted | | ERP | |
| | | Size | Offset | Power (dBm) | Power (Watts) | ERP(dBm) | ERP(W) |
| Lowest | QPSK | 1 | 0 | 22.62 | 0.1828 | 17.87 | 0.0612 |
| Middle | | - | - | - | - | - | - |
| Highest | | - | - | - | - | - | - |
| Lowest | 16QAM | 1 | 74 | 21.95 | 0.1567 | 17.20 | 0.0525 |
| Middle | | - | - | - | - | - | - |
| Highest | | - | - | - | - | - | - |
| Lowest | 64QAM | 1 | 37 | 20.74 | 0.1186 | 15.99 | 0.0397 |
| Middle | | - | - | - | - | - | - |
| Highest | | - | - | - | - | - | - |
| Limit | ERP < 7W | | | Result | | PASS | |

# Radiated Spurious Emission

## <Down Antenna>

## Part 90S LTE Band 26

| Part 90S LTE Band 26 / 1.4MHz / QPSK | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Channel | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Highest | 1648 | -37.48 | -13 | -24.48 | -24.16 | -39.24 | 0.98 | 4.89 | H |
| | 2464 | -38.01 | -13 | -25.01 | -28.43 | -39.87 | 1.28 | 5.29 | H |
| | 3288 | -50.45 | -13 | -37.45 | -43.39 | -53.83 | 1.54 | 7.07 | H |
| | 4112 | -55.61 | -13 | -42.61 | -50.18 | -60.26 | 1.83 | 8.62 | H |
| | 4936 | -56.78 | -13 | -43.78 | -55.56 | -61.90 | 2.30 | 9.57 | H |
| | 5760 | -49.98 | -13 | -36.98 | -51.01 | -54.86 | 2.77 | 9.80 | H |
| | 6584 | -59.98 | -13 | -46.98 | -63.26 | -65.41 | 2.72 | 10.30 | H |
| | 7408 | -58.52 | -13 | -45.52 | -64.5 | -65.53 | 2.46 | 11.62 | H |
| | 1648 | -33.90 | -13 | -20.90 | -20.75 | -35.66 | 0.98 | 4.89 | V |
| | 2464 | -35.70 | -13 | -22.70 | -26.13 | -37.56 | 1.28 | 5.29 | V |
| | 3288 | -47.52 | -13 | -34.52 | -40.24 | -50.90 | 1.54 | 7.07 | V |
| | 4112 | -56.91 | -13 | -43.91 | -51.29 | -61.56 | 1.83 | 8.62 | V |
| | 4936 | -61.13 | -13 | -48.13 | -59.68 | -66.25 | 2.30 | 9.57 | V |
| | 5760 | -56.14 | -13 | -43.14 | -57.1 | -61.02 | 2.77 | 9.80 | V |
| | 6584 | -53.86 | -13 | -40.86 | -57.32 | -59.29 | 2.72 | 10.30 | V |
| | 7408 | -58.92 | -13 | -45.92 | -65.2 | -65.93 | 2.46 | 11.62 | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

| Part 90S LTE Band 26 / 3MHz / QPSK | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Channel | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Highest | 1640 | -35.34 | -13 | -22.34 | -22.02 | -37.12 | 0.97 | 4.91 | H |
| | 2464 | -37.78 | -13 | -24.78 | -28.2 | -39.64 | 1.28 | 5.29 | H |
| | 3288 | -48.55 | -13 | -35.55 | -41.49 | -51.93 | 1.54 | 7.07 | H |
| | 4104 | -54.10 | -13 | -41.10 | -48.67 | -58.75 | 1.82 | 8.62 | H |
| | 4928 | -58.41 | -13 | -45.41 | -57.1 | -63.52 | 2.30 | 9.56 | H |
| | 5752 | -52.67 | -13 | -39.67 | -53.7 | -57.55 | 2.77 | 9.80 | H |
| | 6568 | -60.23 | -13 | -47.23 | -63.51 | -65.63 | 2.73 | 10.28 | H |
| | 1640 | -32.99 | -13 | -19.99 | -19.84 | -34.77 | 0.97 | 4.91 | V |
| | 2464 | -35.78 | -13 | -22.78 | -26.21 | -37.64 | 1.28 | 5.29 | V |
| | 3288 | -48.12 | -13 | -35.12 | -40.84 | -51.50 | 1.54 | 7.07 | V |
| | 4104 | -56.68 | -13 | -43.68 | -51.06 | -61.33 | 1.82 | 8.62 | V |
| | 4928 | -62.57 | -13 | -49.57 | -61.01 | -67.68 | 2.30 | 9.56 | V |
| | 5752 | -56.48 | -13 | -43.48 | -57.44 | -61.36 | 2.77 | 9.80 | V |
| | 6568 | -58.08 | -13 | -45.08 | -61.54 | -63.48 | 2.73 | 10.28 | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

| Part 90S LTE Band 26 / 5MHz / QPSK | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Channel | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Highest | 1640 | -35.73 | -13 | -22.73 | -22.41 | -37.51 | 0.97 | 4.91 | H |
| | 2456 | -35.67 | -13 | -22.67 | -26.09 | -37.51 | 1.28 | 5.27 | H |
| | 3280 | -50.96 | -13 | -37.96 | -43.87 | -54.31 | 1.54 | 7.03 | H |
| | 4096 | -55.65 | -13 | -42.65 | -50.15 | -60.30 | 1.82 | 8.62 | H |
| | 4912 | -57.85 | -13 | -44.85 | -56.44 | -62.94 | 2.29 | 9.52 | H |
| | 5736 | -55.03 | -13 | -42.03 | -56.02 | -59.91 | 2.76 | 9.79 | H |
| | 6552 | -60.73 | -13 | -47.73 | -63.96 | -66.11 | 2.73 | 10.26 | H |
| | 7376 | -59.52 | -13 | -46.52 | -65.41 | -66.45 | 2.47 | 11.55 | H |
| | 1640 | -33.58 | -13 | -20.58 | -20.43 | -35.36 | 0.97 | 4.91 | V |
| | 2456 | -35.10 | -13 | -22.10 | -25.53 | -36.94 | 1.28 | 5.27 | V |
| | 3280 | -49.10 | -13 | -36.10 | -41.8 | -52.45 | 1.54 | 7.03 | V |
| | 4096 | -56.63 | -13 | -43.63 | -50.94 | -61.28 | 1.82 | 8.62 | V |
| | 4912 | -61.76 | -13 | -48.76 | -60.1 | -66.85 | 2.29 | 9.52 | V |
| | 5736 | -56.57 | -13 | -43.57 | -57.48 | -61.45 | 2.76 | 9.79 | V |
| | 6552 | -56.08 | -13 | -43.08 | -59.48 | -61.46 | 2.73 | 10.26 | V |
| | 7376 | -58.40 | -13 | -45.40 | -64.59 | -65.33 | 2.47 | 11.55 | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

| Part 90S LTE Band 26 / 10MHz / QPSK | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Channel | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle | 1632 | -36.34 | -13 | -23.34 | -22.94 | -38.15 | 0.97 | 4.93 | H |
| | 2440 | -37.83 | -13 | -24.83 | -28.18 | -39.63 | 1.27 | 5.22 | H |
| | 3256 | -52.22 | -13 | -39.22 | -45.09 | -55.47 | 1.53 | 6.93 | H |
| | 4072 | -53.11 | -13 | -40.11 | -47.53 | -57.77 | 1.80 | 8.61 | H |
| | 4888 | -59.97 | -13 | -46.97 | -58.46 | -65.02 | 2.27 | 9.48 | H |
| | 5704 | -54.63 | -13 | -41.63 | -55.54 | -59.52 | 2.74 | 9.78 | H |
| | 6520 | -60.38 | -13 | -47.38 | -63.48 | -65.71 | 2.75 | 10.22 | H |
| | 7328 | -58.94 | -13 | -45.94 | -64.69 | -65.76 | 2.48 | 11.46 | H |
| | 1632 | -32.98 | -13 | -19.98 | -19.77 | -34.79 | 0.97 | 4.93 | V |
| | 2440 | -36.64 | -13 | -23.64 | -26.97 | -38.44 | 1.27 | 5.22 | V |
| | 3256 | -49.69 | -13 | -36.69 | -42.36 | -52.94 | 1.53 | 6.93 | V |
| | 4072 | -54.73 | -13 | -41.73 | -48.97 | -59.39 | 1.80 | 8.61 | V |
| | 4888 | -62.87 | -13 | -49.87 | -61.11 | -67.92 | 2.27 | 9.48 | V |
| | 5704 | -55.72 | -13 | -42.72 | -56.57 | -60.61 | 2.74 | 9.78 | V |
| | 6520 | -54.80 | -13 | -41.80 | -58.06 | -60.13 | 2.75 | 10.22 | V |
| | 7328 | -59.22 | -13 | -46.22 | -65.27 | -66.04 | 2.48 | 11.46 | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

| Part 90S LTE Band 26 / 15MHz / QPSK | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Channel | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 1632 | -35.72 | -13 | -22.72 | -22.32 | -37.53 | 0.97 | 4.93 | H |
| | 2440 | -35.13 | -13 | -22.13 | -25.48 | -36.93 | 1.27 | 5.22 | H |
| | 3256 | -49.07 | -13 | -36.07 | -41.94 | -52.32 | 1.53 | 6.93 | H |
| | 4072 | -54.07 | -13 | -41.07 | -48.49 | -58.73 | 1.80 | 8.61 | H |
| | 4888 | -57.06 | -13 | -44.06 | -55.55 | -62.11 | 2.27 | 9.48 | H |
| | 5704 | -50.89 | -13 | -37.89 | -51.8 | -55.78 | 2.74 | 9.78 | H |
| | 6520 | -59.85 | -13 | -46.85 | -62.95 | -65.18 | 2.75 | 10.22 | H |
| | 7336 | -58.22 | -13 | -45.22 | -64.02 | -65.06 | 2.48 | 11.47 | H |
| | 1632 | -33.10 | -13 | -20.10 | -19.89 | -34.91 | 0.97 | 4.93 | V |
| | 2440 | -34.44 | -13 | -21.44 | -24.77 | -36.24 | 1.27 | 5.22 | V |
| | 3256 | -49.12 | -13 | -36.12 | -41.79 | -52.37 | 1.53 | 6.93 | V |
| | 4072 | -54.35 | -13 | -41.35 | -48.59 | -59.01 | 1.80 | 8.61 | V |
| | 4888 | -61.21 | -13 | -48.21 | -59.45 | -66.26 | 2.27 | 9.48 | V |
| | 5704 | -56.07 | -13 | -43.07 | -56.92 | -60.96 | 2.74 | 9.78 | V |
| | 6520 | -55.33 | -13 | -42.33 | -58.59 | -60.66 | 2.75 | 10.22 | V |
| | 7336 | -58.56 | -13 | -45.56 | -64.66 | -65.40 | 2.48 | 11.47 | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

# <Up Antenna>

## Part 90S LTE Band 26

| Part 90S LTE Band 26 / 1.4MHz / QPSK | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Channel | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Highest | 1648 | -62.89 | -13 | -49.89 | -49.57 | -64.65 | 0.98 | 4.89 | H |
| | 2464 | -68.15 | -13 | -55.15 | -58.57 | -70.01 | 1.28 | 5.29 | H |
| | 3291 | -68.62 | -13 | -55.62 | -61.56 | -72.01 | 1.54 | 7.08 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1648 | -62.71 | -13 | -49.71 | -49.56 | -64.47 | 0.98 | 4.89 | V |
| | 2464 | -67.54 | -13 | -54.54 | -57.97 | -69.40 | 1.28 | 5.29 | V |
| | 3291 | -68.45 | -13 | -55.45 | -61.17 | -71.84 | 1.54 | 7.08 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

| Part 90S LTE Band 26 / 3MHz / QPSK | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Channel | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Highest | 1640 | -62.18 | -13 | -49.18 | -48.86 | -63.96 | 0.97 | 4.91 | H |
| | 2464 | -67.62 | -13 | -54.62 | -58.04 | -69.48 | 1.28 | 5.29 | H |
| | 3285 | -68.58 | -13 | -55.58 | -61.49 | -71.95 | 1.54 | 7.05 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1640 | -62.67 | -13 | -49.67 | -49.52 | -64.45 | 0.97 | 4.91 | V |
| | 2464 | -66.94 | -13 | -53.94 | -57.37 | -68.80 | 1.28 | 5.29 | V |
| | 3285 | -68.96 | -13 | -55.96 | -61.66 | -72.33 | 1.54 | 7.05 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

| Part 90S LTE Band 26 / 5MHz / QPSK | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Channel | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Highest | 1640 | -60.72 | -13 | -47.72 | -47.4 | -62.50 | 0.97 | 4.91 | H |
| | 2456 | -67.63 | -13 | -54.63 | -58.05 | -69.47 | 1.28 | 5.27 | H |
| | 3277 | -68.48 | -13 | -55.48 | -61.39 | -71.81 | 1.53 | 7.02 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1640 | -61.59 | -13 | -48.59 | -48.44 | -63.37 | 0.97 | 4.91 | V |
| | 2456 | -67.62 | -13 | -54.62 | -58.05 | -69.46 | 1.28 | 5.27 | V |
| | 3277 | -68.82 | -13 | -55.82 | -61.52 | -72.15 | 1.53 | 7.02 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

| Part 90S LTE Band 26 / 10MHz / QPSK | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Channel | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle | 1632 | -60.73 | -13 | -47.73 | -47.33 | -62.54 | 0.97 | 4.93 | H |
| | 2440 | -67.57 | -13 | -54.57 | -57.92 | -69.37 | 1.27 | 5.22 | H |
| | 3256 | -68.82 | -13 | -55.82 | -61.69 | -72.07 | 1.53 | 6.93 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1632 | -61.90 | -13 | -48.90 | -48.69 | -63.71 | 0.97 | 4.93 | V |
| | 2440 | -67.75 | -13 | -54.75 | -58.08 | -69.55 | 1.27 | 5.22 | V |
| | 3256 | -69.08 | -13 | -56.08 | -61.75 | -72.33 | 1.53 | 6.93 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

| Part 90S LTE Band 26 / 15MHz / QPSK | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Channel | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 1632 | -60.83 | -13 | -47.83 | -47.43 | -62.64 | 0.97 | 4.93 | H |
| | 2440 | -67.06 | -13 | -54.06 | -57.41 | -68.86 | 1.27 | 5.22 | H |
| | 3259 | -68.28 | -13 | -55.28 | -61.15 | -71.54 | 1.53 | 6.94 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1632 | -59.55 | -13 | -46.55 | -46.34 | -61.36 | 0.97 | 4.93 | V |
| | 2440 | -67.04 | -13 | -54.04 | -57.37 | -68.84 | 1.27 | 5.22 | V |
| | 3259 | -68.49 | -13 | -55.49 | -61.16 | -71.75 | 1.53 | 6.94 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.