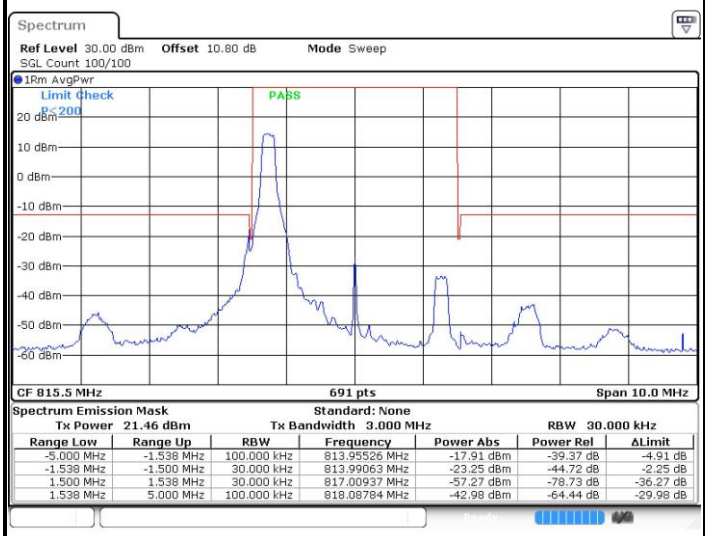
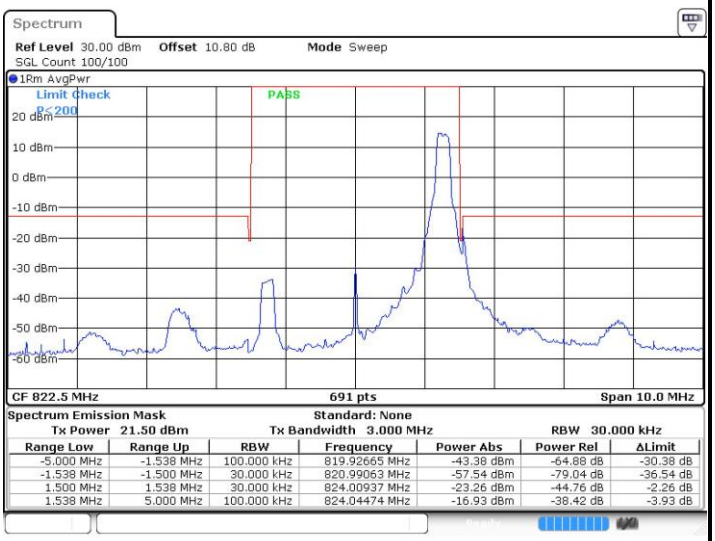
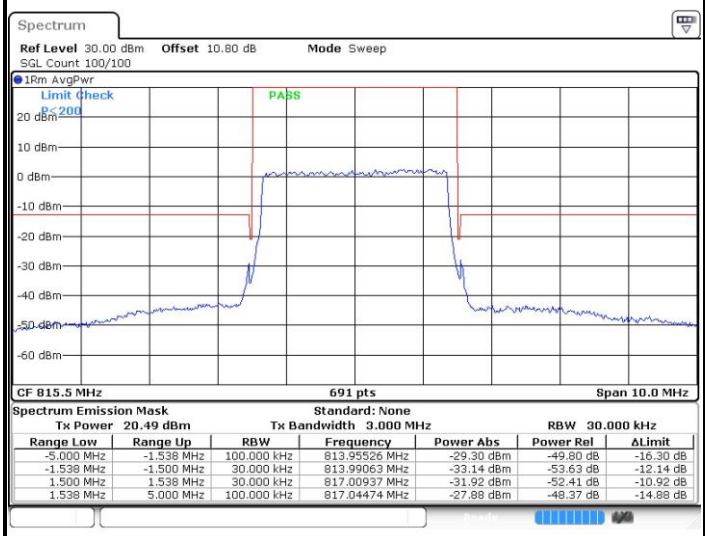
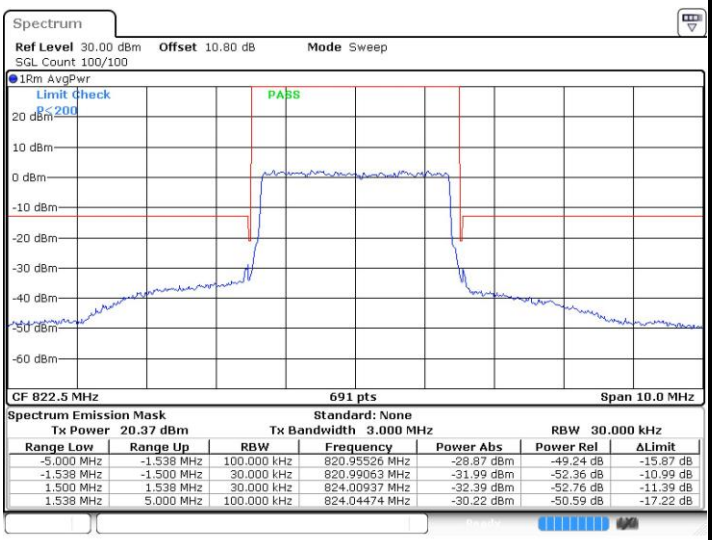
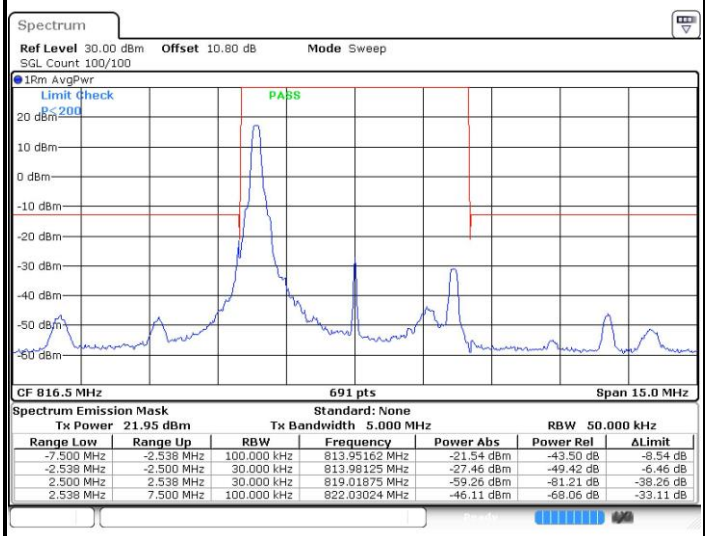
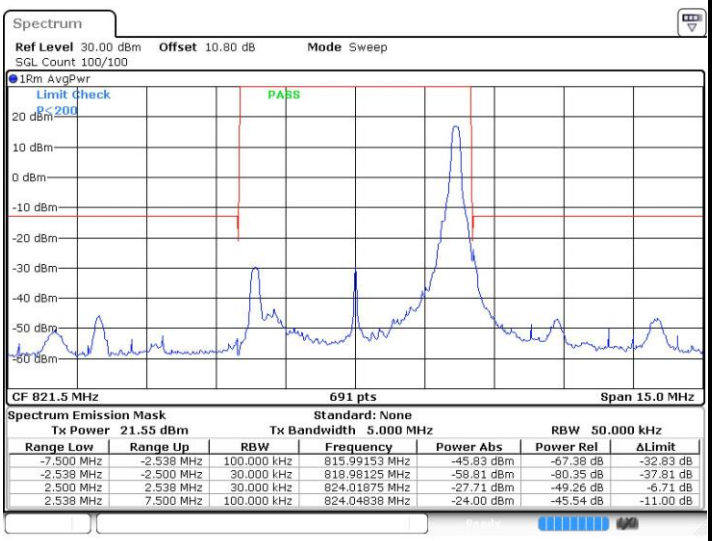
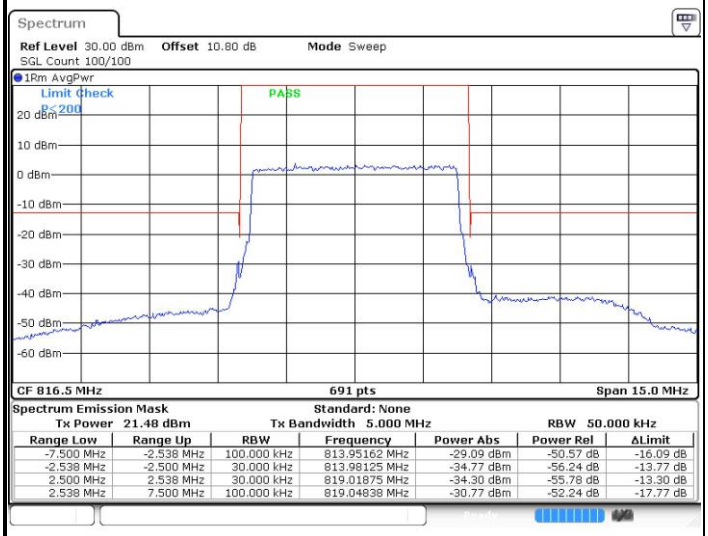
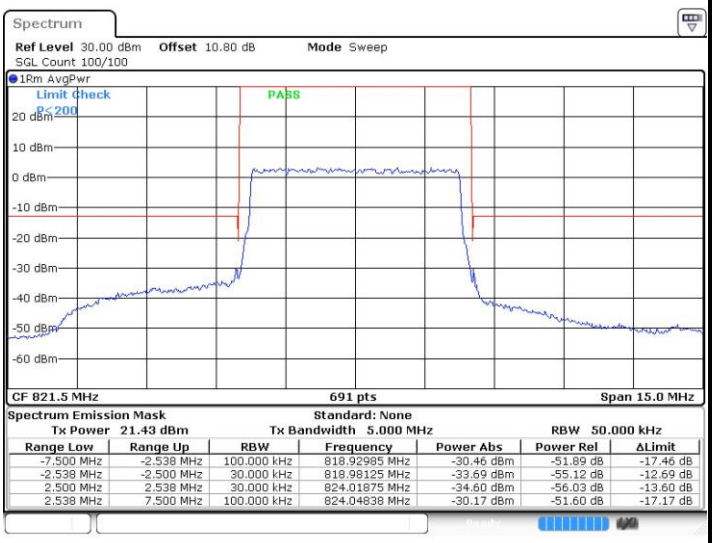
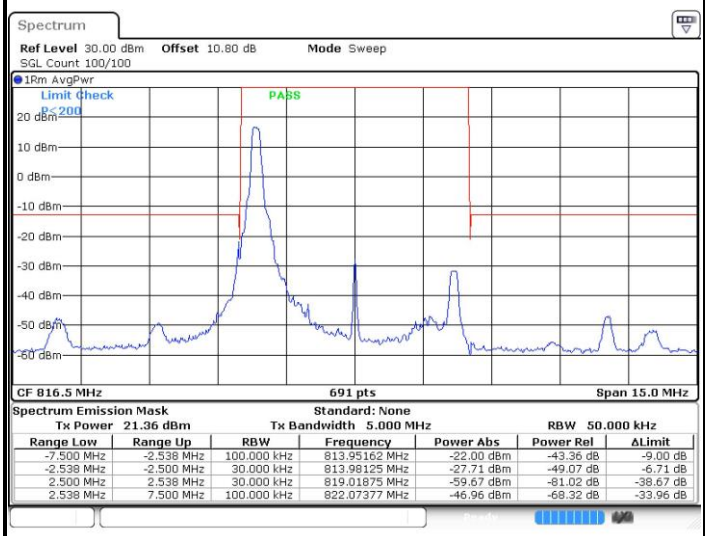
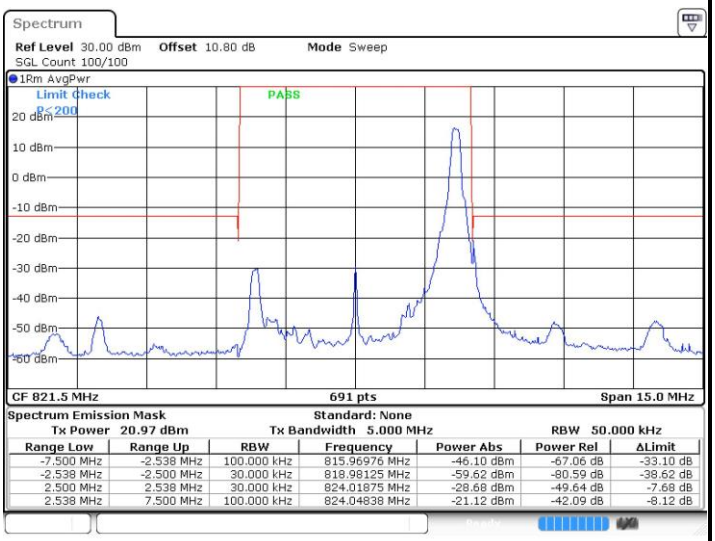
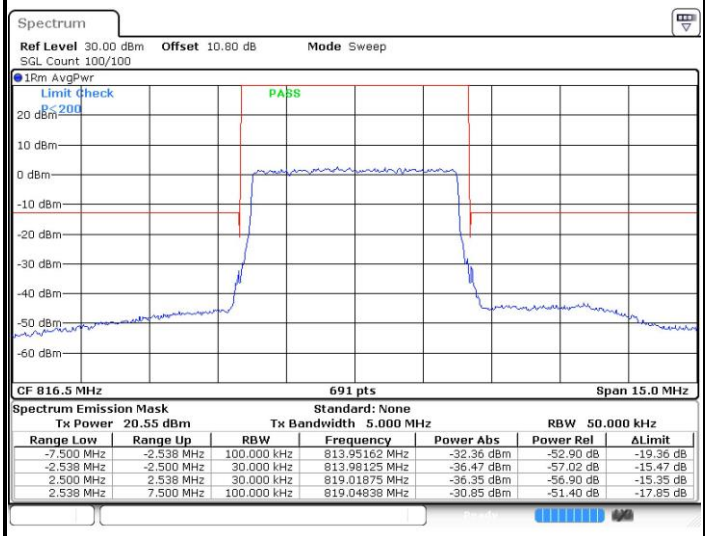
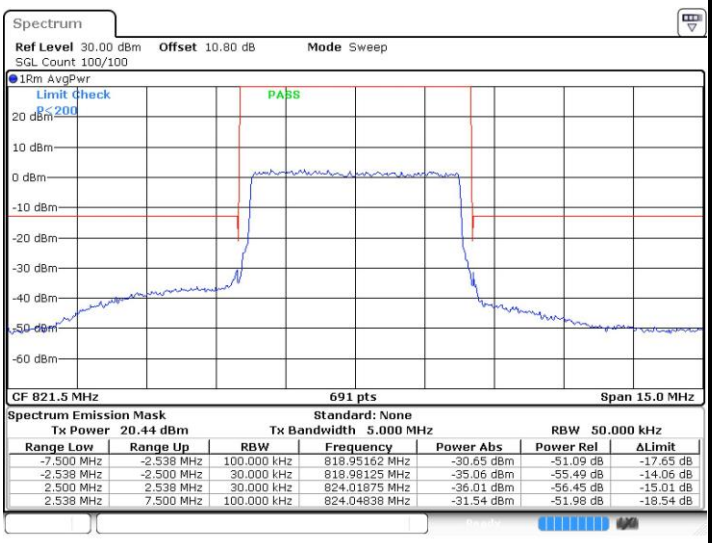
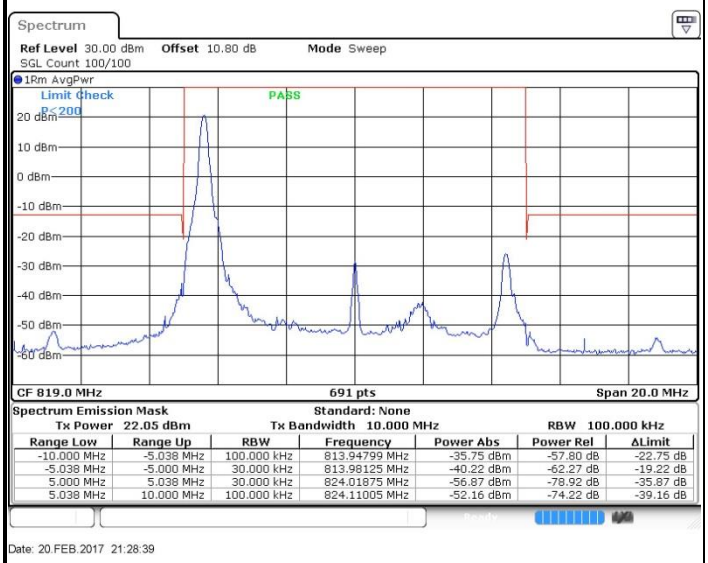
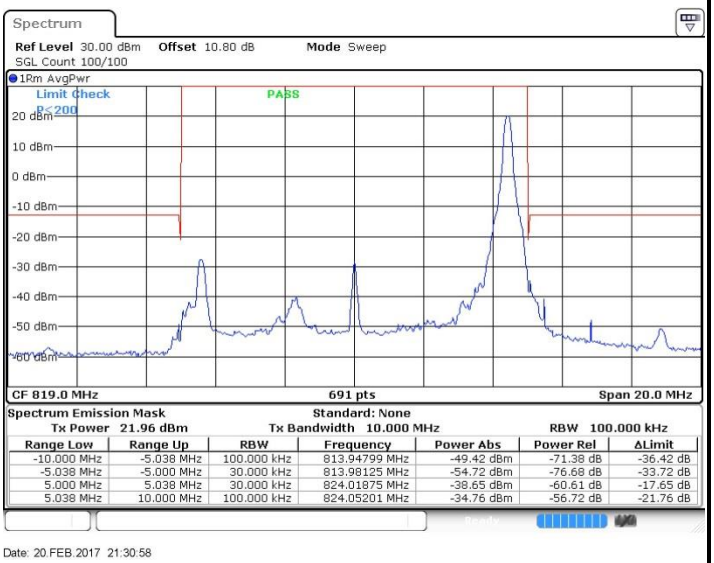
| LTE Band 26 / 3MHz / 16QAM | |
|---|---|
| **Lowest Band Edge / 1 RB** | **Highest Band Edge /1 RB** |
|  |  |
| **Lowest Band Edge / Full RB** | **Highest Band Edge / Full RB** |
|  |  |

| LTE Band 26 / 5MHz / QPSK | |
|---|---|
| **Lowest Band Edge / 1 RB** | **Highest Band Edge / 1 RB** |
|  |  |
| **Lowest Band Edge / Full RB** | **Highest Band Edge / Full RB** |
|  |  |

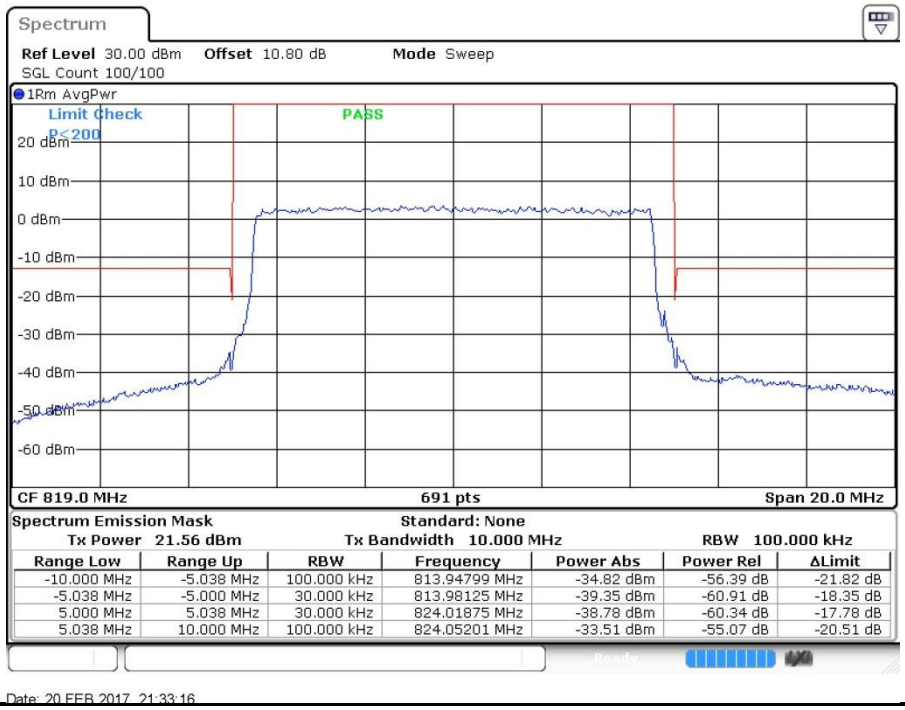
| LTE Band 26 / 5MHz / 16QAM | |
|---|---|
| **Lowest Band Edge / 1RB** | **Highest Band Edge / 1 RB** |
|  |  |
| **Lowest Band Edge / Full RB** | **Highest Band Edge / Full RB** |
|  |  |

| LTE Band 26 / 10MHz / QPSK | |
|---|---|
| **Lowest Band Edge / 1 RB** | **Highest Band Edge / 1 RB** |

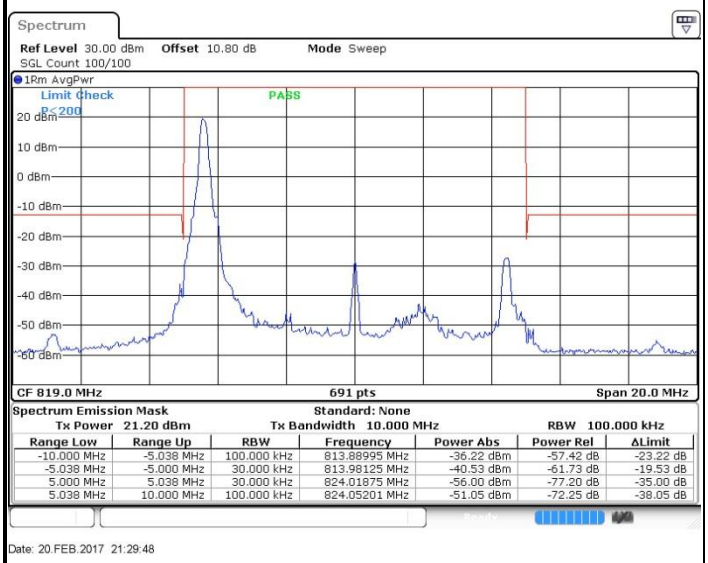


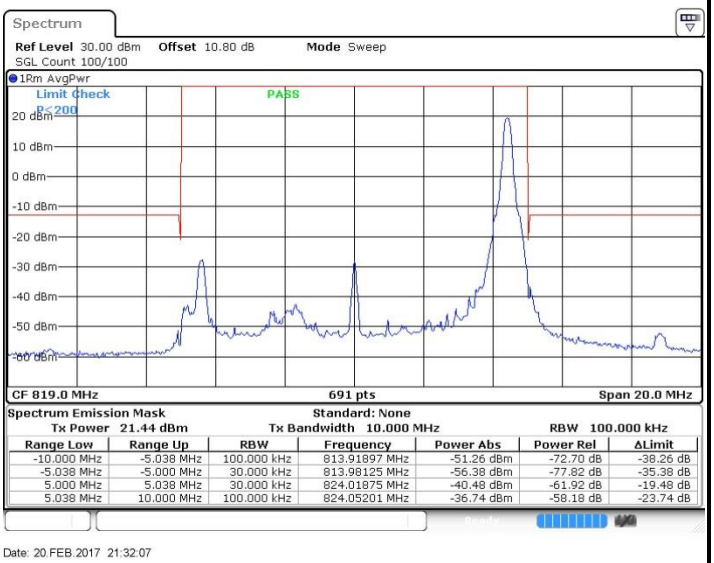




| Band Edge / Full RB |
|---|

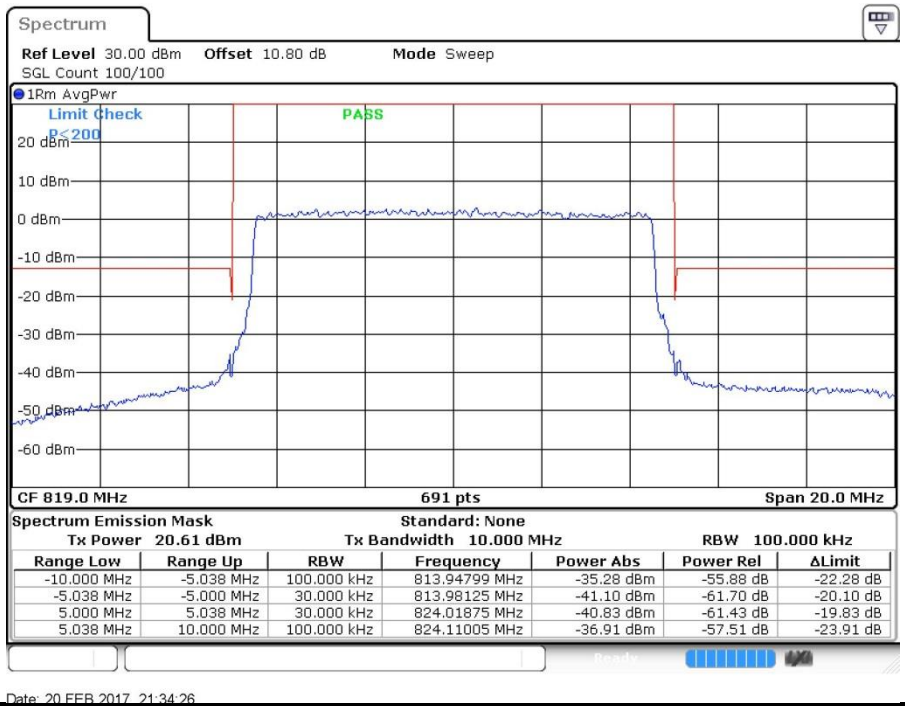


| LTE Band 26 / 10MHz / 16QAM | |
|---|---|
| **Lowest Band Edge / 1 RB** | **Highest Band Edge / 1 RB** |



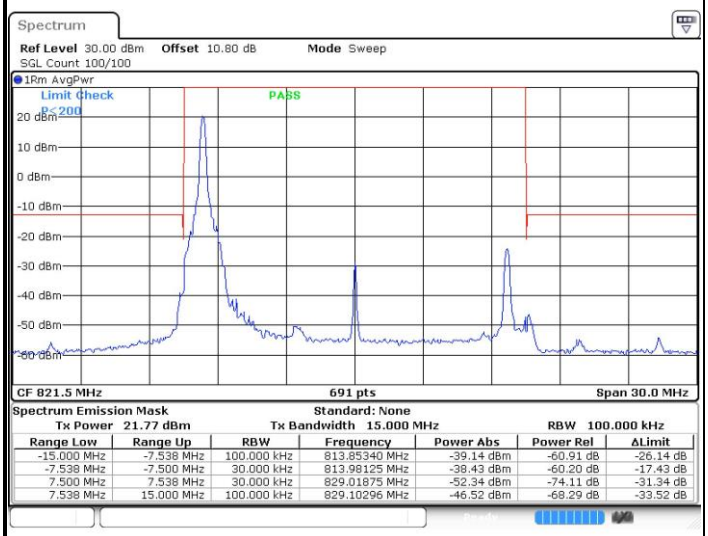




| Band Edge / Full RB |
|---|



## LTE Band 26 / 15MHz QPSK

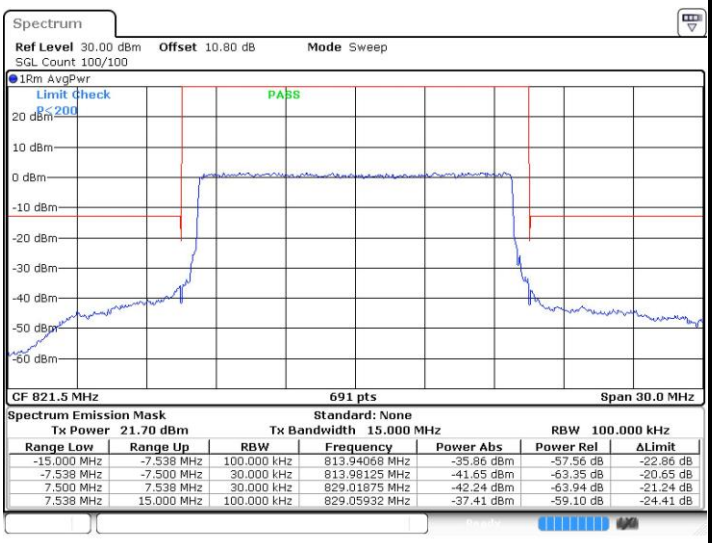
### Lowest Band Edge / 1 RB




| Range Low | Range Up | RBW | Frequency | Power Abs | Power Rel | ΔLimit |
|---|---|---|---|---|---|---|
| -15.000 MHz | -7.538 MHz | 100.000 kHz | 813.85340 MHz | -39.14 dBm | -60.91 dB | -26.14 dB |
| -7.538 MHz | -7.500 MHz | 30.000 kHz | 813.98125 MHz | -38.43 dBm | -60.20 dB | -17.43 dB |
| 7.500 MHz | 7.538 MHz | 30.000 kHz | 829.01875 MHz | -52.34 dBm | -74.11 dB | -31.34 dB |
| 7.538 MHz | 15.000 MHz | 100.000 kHz | 829.10296 MHz | -46.52 dBm | -68.29 dB | -33.52 dB |

Date: 20.FEB.2017 22:14:53

### Lowest Band Edge / Full RB

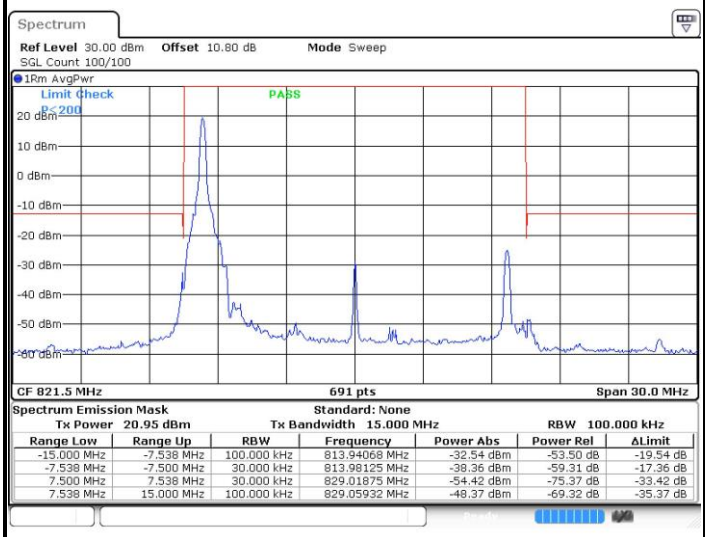



| Range Low | Range Up | RBW | Frequency | Power Abs | Power Rel | ΔLimit |
|---|---|---|---|---|---|---|
| -15.000 MHz | -7.538 MHz | 100.000 kHz | 813.94068 MHz | -35.86 dBm | -57.56 dB | -22.86 dB |
| -7.538 MHz | -7.500 MHz | 30.000 kHz | 813.98125 MHz | -41.65 dBm | -63.35 dB | -20.65 dB |
| 7.500 MHz | 7.538 MHz | 30.000 kHz | 829.01875 MHz | -42.24 dBm | -63.94 dB | -21.24 dB |
| 7.538 MHz | 15.000 MHz | 100.000 kHz | 829.05932 MHz | -37.41 dBm | -59.10 dB | -24.41 dB |

Date: 20.FEB.2017 22:17:47

## LTE Band 26 / 15MHz 16QAM

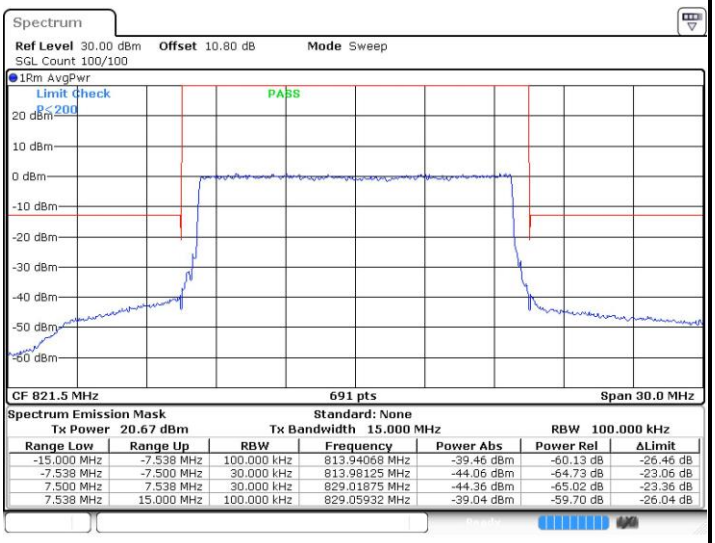
### Lowest Band Edge / 1 RB




| Range Low | Range Up | RBW | Frequency | Power Abs | Power Rel | ΔLimit |
|---|---|---|---|---|---|---|
| -15.000 MHz | -7.538 MHz | 100.000 kHz | 813.94068 MHz | -32.54 dBm | -53.50 dB | -19.54 dB |
| -7.538 MHz | -7.500 MHz | 30.000 kHz | 813.98125 MHz | -38.36 dBm | -59.31 dB | -17.36 dB |
| 7.500 MHz | 7.538 MHz | 30.000 kHz | 829.01875 MHz | -54.42 dBm | -75.37 dB | -33.42 dB |
| 7.538 MHz | 15.000 MHz | 100.000 kHz | 829.05932 MHz | -48.37 dBm | -69.32 dB | -35.37 dB |

Date: 20.FEB.2017 22:16:52

### Lowest Band Edge / Full RB



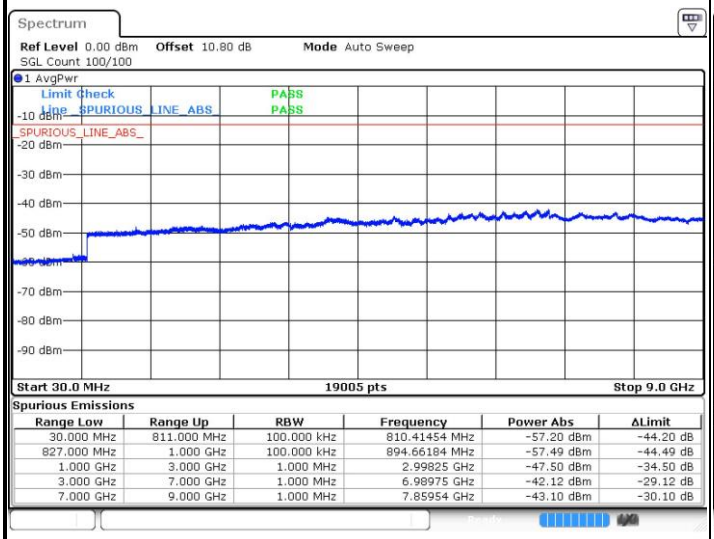

| Range Low | Range Up | RBW | Frequency | Power Abs | Power Rel | ΔLimit |
|---|---|---|---|---|---|---|
| -15.000 MHz | -7.538 MHz | 100.000 kHz | 813.94068 MHz | -39.46 dBm | -60.13 dB | -26.46 dB |
| -7.538 MHz | -7.500 MHz | 30.000 kHz | 813.98125 MHz | -44.06 dBm | -64.73 dB | -23.06 dB |
| 7.500 MHz | 7.538 MHz | 30.000 kHz | 829.01875 MHz | -44.36 dBm | -65.02 dB | -23.36 dB |
| 7.538 MHz | 15.000 MHz | 100.000 kHz | 829.05932 MHz | -39.04 dBm | -59.70 dB | -26.04 dB |

Date: 20.FEB.2017 22:17:30

# Conducted Spurious Emission

## LTE Band 26 / 1.4MHz

### Lowest Channel / QPSK

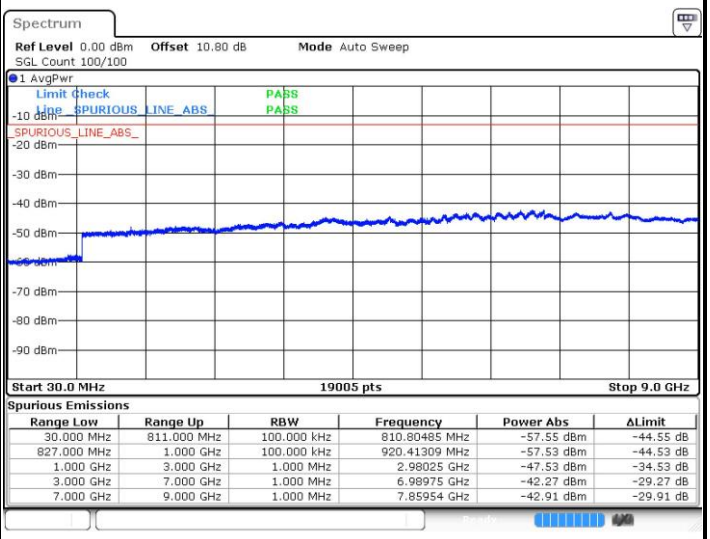



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 811.000 MHz | 100.000 kHz | 810.41454 MHz | -57.20 dBm | -44.20 dB |
| 827.000 MHz | 1.000 GHz | 100.000 kHz | 894.66184 MHz | -57.49 dBm | -44.49 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.99825 GHz | -47.50 dBm | -34.50 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.98975 GHz | -42.12 dBm | -29.12 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.85954 GHz | -43.10 dBm | -30.10 dB |

Date: 20.FEB.2017 22:01:53

### Lowest Channel / 16QAM

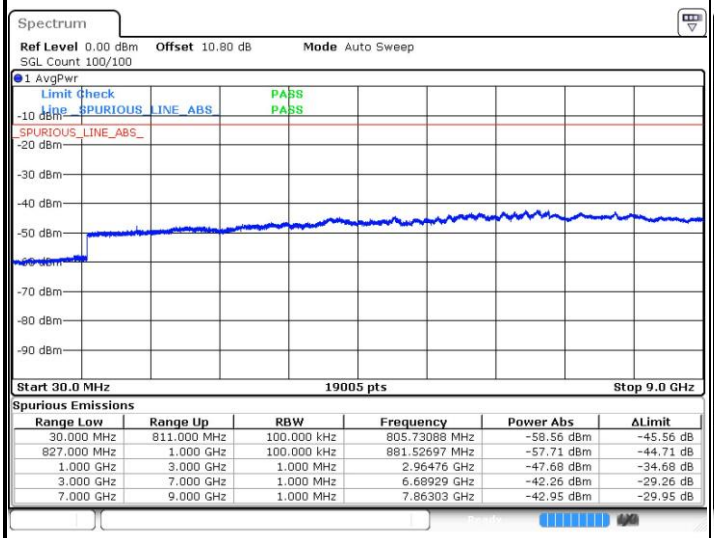



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 811.000 MHz | 100.000 kHz | 810.80485 MHz | -57.55 dBm | -44.55 dB |
| 827.000 MHz | 1.000 GHz | 100.000 kHz | 920.41309 MHz | -57.53 dBm | -44.53 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.98025 GHz | -47.53 dBm | -34.53 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.98975 GHz | -42.27 dBm | -29.27 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.85954 GHz | -42.91 dBm | -29.91 dB |

Date: 20.FEB.2017 22:02:47

### Middle Channel / QPSK

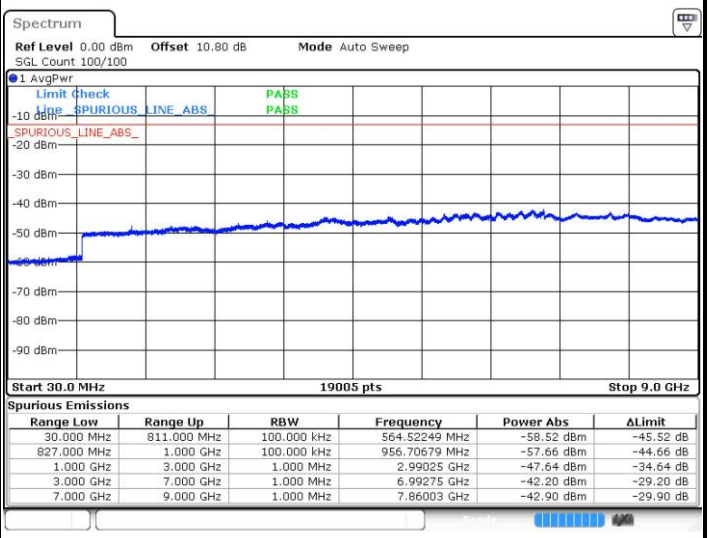



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 811.000 MHz | 100.000 kHz | 805.73088 MHz | -58.56 dBm | -45.56 dB |
| 827.000 MHz | 1.000 GHz | 100.000 kHz | 881.52697 MHz | -57.71 dBm | -44.71 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.96476 GHz | -47.68 dBm | -34.68 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.68929 GHz | -42.26 dBm | -29.26 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.86303 GHz | -42.95 dBm | -29.95 dB |

Date: 20.FEB.2017 22:04:23

### Middle Channel / 16QAM



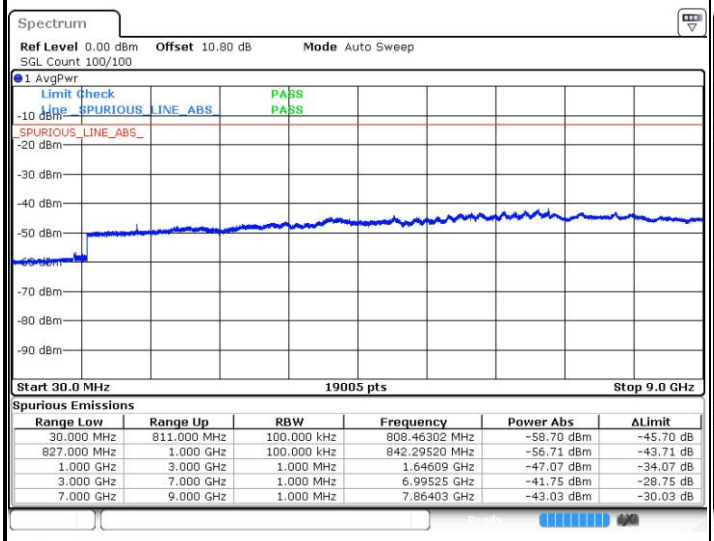

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 811.000 MHz | 100.000 kHz | 564.52249 MHz | -58.52 dBm | -45.52 dB |
| 827.000 MHz | 1.000 GHz | 100.000 kHz | 956.70679 MHz | -57.66 dBm | -44.66 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.99025 GHz | -47.64 dBm | -34.64 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.99275 GHz | -42.20 dBm | -29.20 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.86003 GHz | -42.90 dBm | -29.90 dB |

Date: 20.FEB.2017 22:05:17

## LTE Band 26 / 1.4MHz

### Highest Channel / QPSK

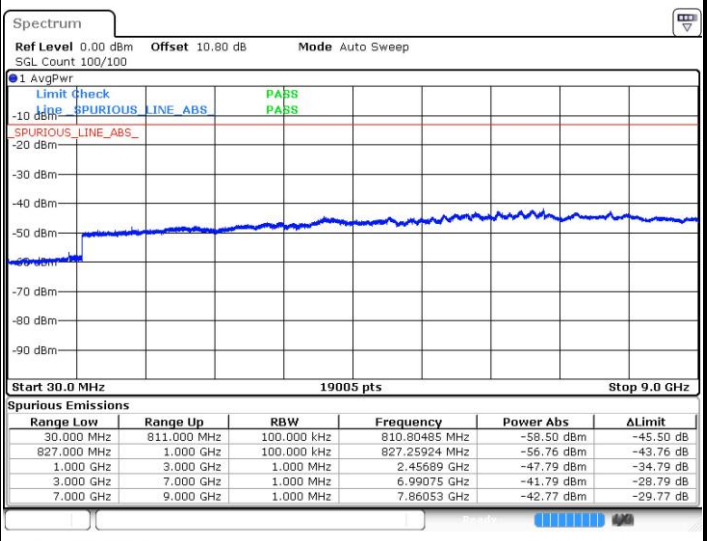



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 811.000 MHz | 100.000 kHz | 808.46302 MHz | -58.70 dBm | -45.70 dB |
| 827.000 MHz | 1.000 GHz | 100.000 kHz | 842.29520 MHz | -56.71 dBm | -43.71 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.64609 GHz | -47.07 dBm | -34.07 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.99525 GHz | -41.75 dBm | -28.75 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.86403 GHz | -43.03 dBm | -30.03 dB |

Date: 20.FEB.2017 22:06:53

### Highest Channel / 16QAM



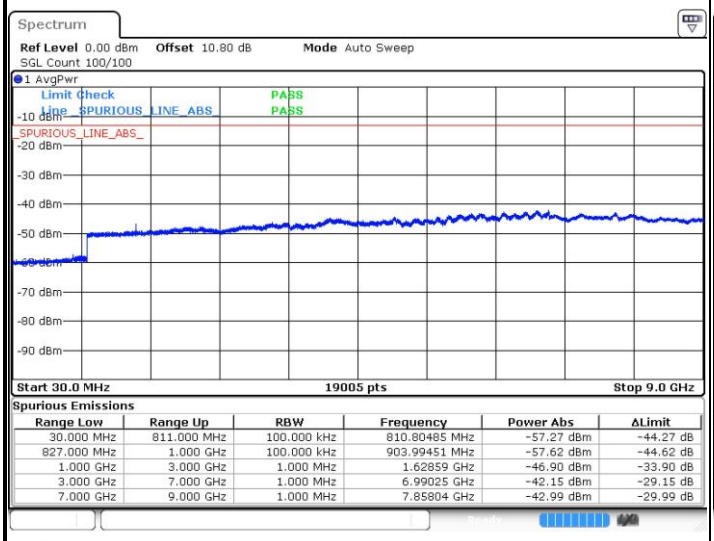

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 811.000 MHz | 100.000 kHz | 810.80485 MHz | -58.50 dBm | -45.50 dB |
| 827.000 MHz | 1.000 GHz | 100.000 kHz | 827.25924 MHz | -56.76 dBm | -43.76 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.45689 GHz | -47.79 dBm | -34.79 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.99075 GHz | -41.79 dBm | -28.79 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.86053 GHz | -42.77 dBm | -29.77 dB |

Date: 20.FEB.2017 22:07:47

## LTE Band 26 / 3MHz

### Lowest Channel / QPSK

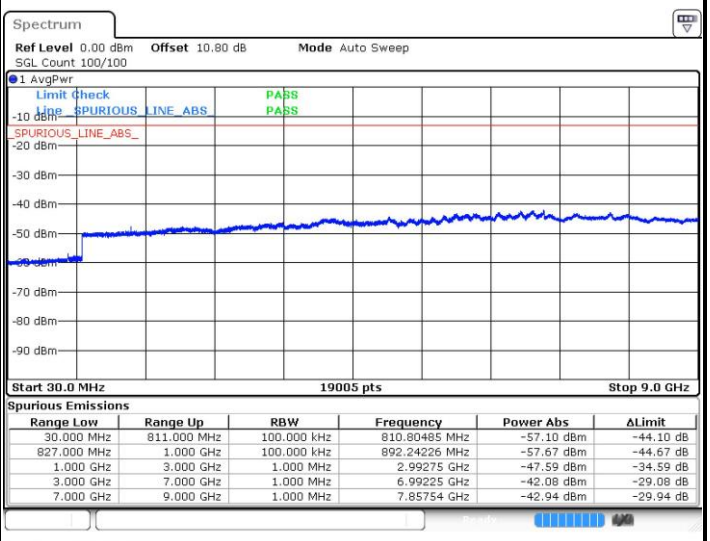



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 811.000 MHz | 100.000 kHz | 810.80485 MHz | -57.27 dBm | -44.27 dB |
| 827.000 MHz | 1.000 GHz | 100.000 kHz | 903.99451 MHz | -57.62 dBm | -44.62 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.62859 GHz | -46.90 dBm | -33.90 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.99025 GHz | -42.15 dBm | -29.15 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.85804 GHz | -42.99 dBm | -29.99 dB |

Date: 20.FEB.2017 21:37:30

### Lowest Channel / 16QAM



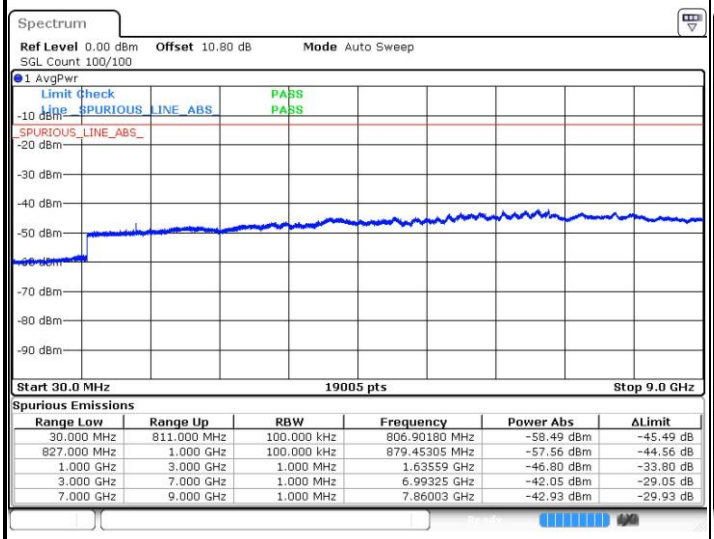

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 811.000 MHz | 100.000 kHz | 810.80485 MHz | -57.10 dBm | -44.10 dB |
| 827.000 MHz | 1.000 GHz | 100.000 kHz | 892.24226 MHz | -57.67 dBm | -44.67 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.99275 GHz | -47.59 dBm | -34.59 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.99225 GHz | -42.08 dBm | -29.08 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.85754 GHz | -42.94 dBm | -29.94 dB |

Date: 20.FEB.2017 21:38:24

## LTE Band 26 / 3MHz

### Middle Channel / QPSK

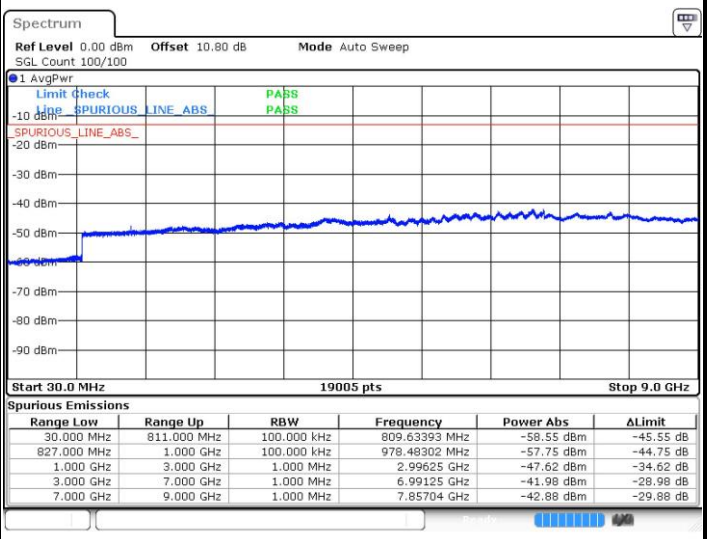



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 811.000 MHz | 100.000 kHz | 806.90180 MHz | -58.49 dBm | -45.49 dB |
| 827.000 MHz | 1.000 GHz | 100.000 kHz | 879.45305 MHz | -57.56 dBm | -44.56 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.63559 GHz | -46.80 dBm | -33.80 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.99325 GHz | -42.05 dBm | -29.05 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.86003 GHz | -42.93 dBm | -29.93 dB |

Date: 20.FEB.2017 21:39:59

### Middle Channel / 16QAM

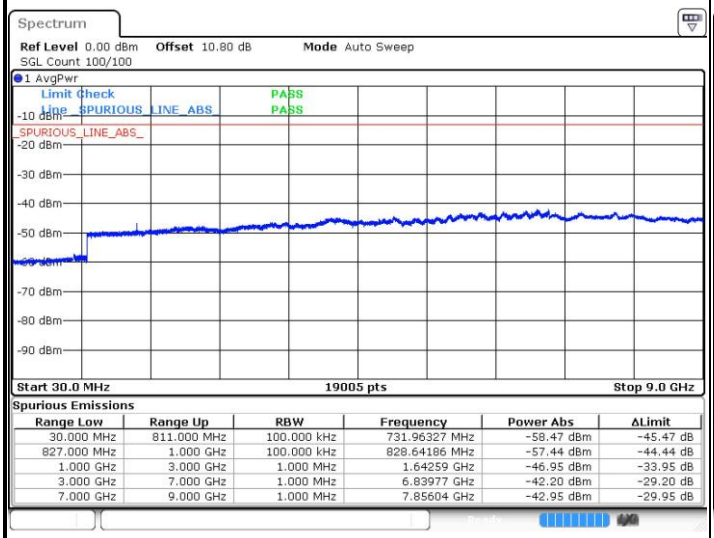



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 811.000 MHz | 100.000 kHz | 809.63393 MHz | -58.55 dBm | -45.55 dB |
| 827.000 MHz | 1.000 GHz | 100.000 kHz | 978.48302 MHz | -57.75 dBm | -44.75 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.99625 GHz | -47.62 dBm | -34.62 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.99125 GHz | -41.98 dBm | -28.98 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.85704 GHz | -42.88 dBm | -29.88 dB |

Date: 20.FEB.2017 21:40:53

### Highest Channel / QPSK

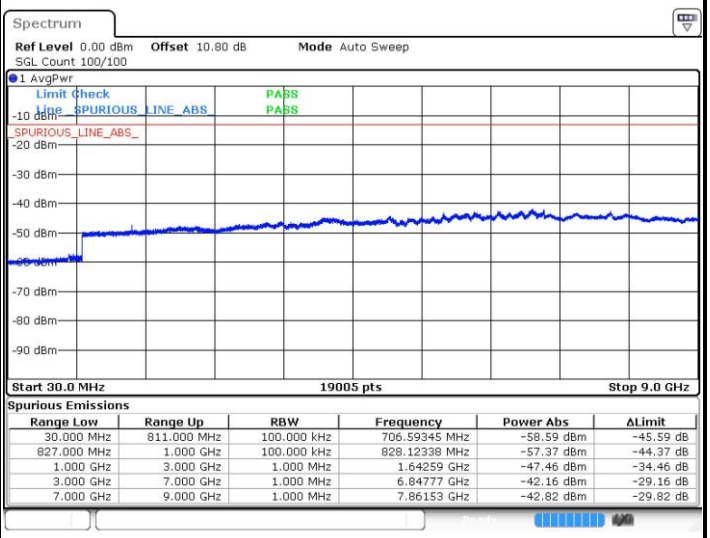



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 811.000 MHz | 100.000 kHz | 731.96327 MHz | -58.47 dBm | -45.47 dB |
| 827.000 MHz | 1.000 GHz | 100.000 kHz | 828.64186 MHz | -57.44 dBm | -44.44 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.64259 GHz | -46.95 dBm | -33.95 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.83977 GHz | -42.20 dBm | -29.20 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.85604 GHz | -42.95 dBm | -29.95 dB |

Date: 20.FEB.2017 21:42:29

### Highest Channel / 16QAM



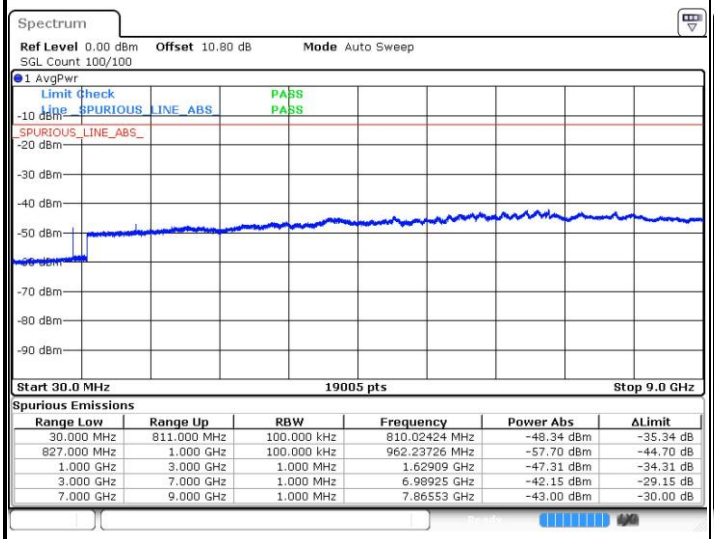

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 811.000 MHz | 100.000 kHz | 706.59345 MHz | -58.59 dBm | -45.59 dB |
| 827.000 MHz | 1.000 GHz | 100.000 kHz | 828.12338 MHz | -57.37 dBm | -44.37 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.64259 GHz | -47.46 dBm | -34.46 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.84777 GHz | -42.16 dBm | -29.16 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.86153 GHz | -42.82 dBm | -29.82 dB |

Date: 20.FEB.2017 21:43:23

## LTE Band 26 / 5MHz

### Lowest Channel / QPSK

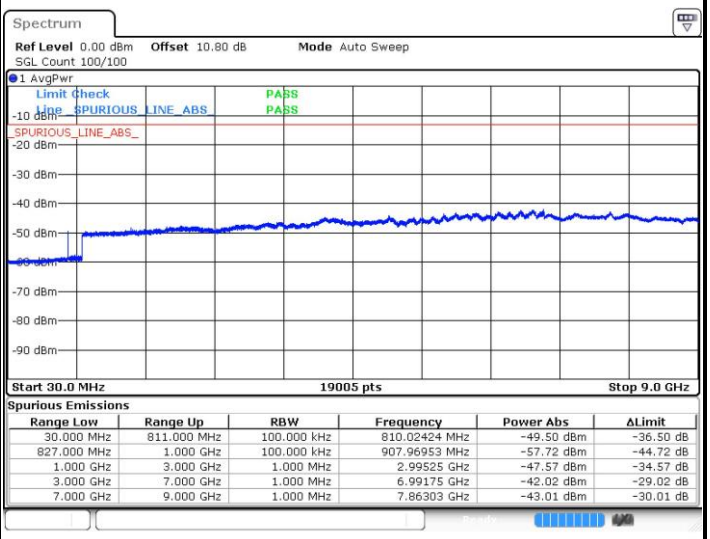



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 811.000 MHz | 100.000 kHz | 810.02424 MHz | -48.34 dBm | -35.34 dB |
| 827.000 MHz | 1.000 GHz | 100.000 kHz | 962.23726 MHz | -57.70 dBm | -44.70 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.62909 GHz | -47.31 dBm | -34.31 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.98925 GHz | -42.15 dBm | -29.15 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.86553 GHz | -43.00 dBm | -30.00 dB |

Date: 20.FEB.2017 21:44:59

### Lowest Channel / 16QAM

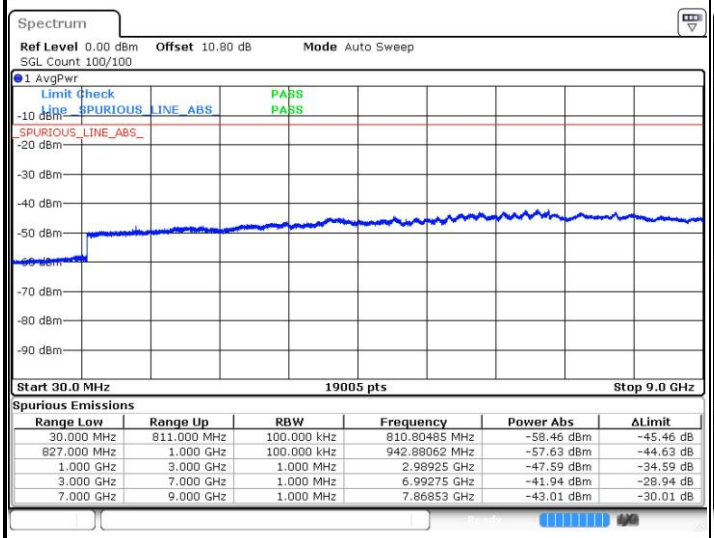



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 811.000 MHz | 100.000 kHz | 810.02424 MHz | -49.50 dBm | -36.50 dB |
| 827.000 MHz | 1.000 GHz | 100.000 kHz | 907.96953 MHz | -57.72 dBm | -44.72 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.99525 GHz | -47.57 dBm | -34.57 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.99175 GHz | -42.02 dBm | -29.02 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.86303 GHz | -43.01 dBm | -30.01 dB |

Date: 20.FEB.2017 21:45:53

### Middle Channel / QPSK

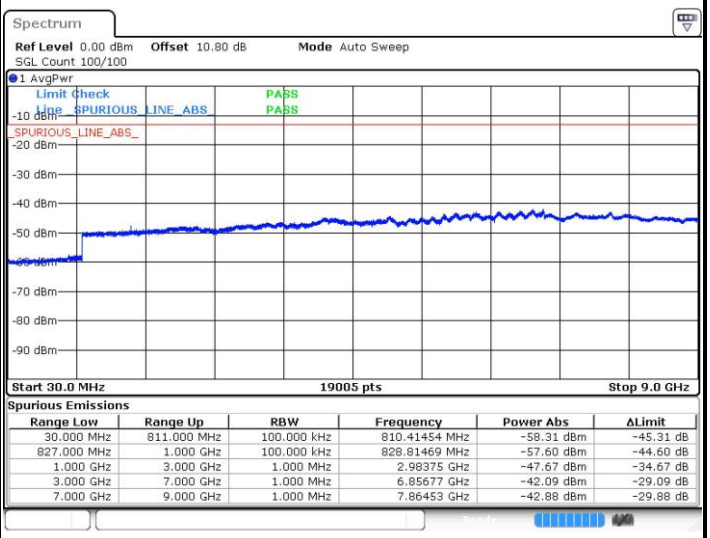



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 811.000 MHz | 100.000 kHz | 810.80485 MHz | -58.46 dBm | -45.46 dB |
| 827.000 MHz | 1.000 GHz | 100.000 kHz | 942.88062 MHz | -57.63 dBm | -44.63 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.98925 GHz | -47.59 dBm | -34.59 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.99275 GHz | -41.94 dBm | -28.94 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.86853 GHz | -43.01 dBm | -30.01 dB |

Date: 20.FEB.2017 21:47:29

### Middle Channel / 16QAM



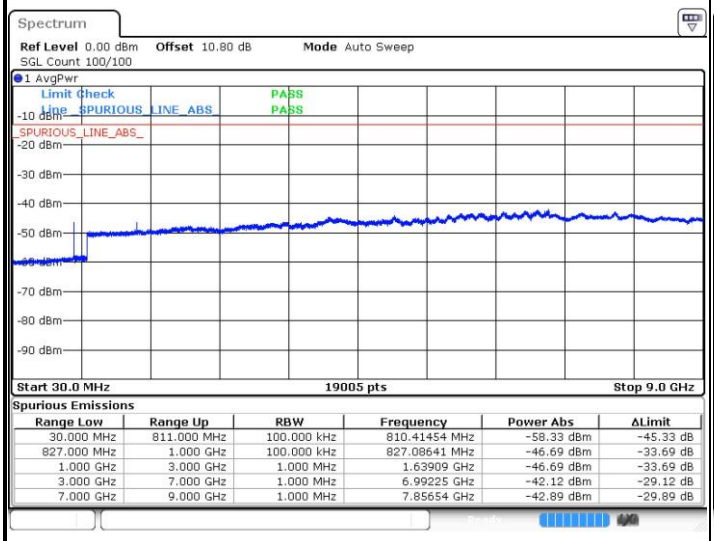

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 811.000 MHz | 100.000 kHz | 810.41454 MHz | -58.31 dBm | -45.31 dB |
| 827.000 MHz | 1.000 GHz | 100.000 kHz | 828.81469 MHz | -57.60 dBm | -44.60 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.98375 GHz | -47.67 dBm | -34.67 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.85677 GHz | -42.09 dBm | -29.09 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.86453 GHz | -42.88 dBm | -29.88 dB |

Date: 20.FEB.2017 21:48:23

## LTE Band 26 / 5MHz

### Highest Channel / QPSK

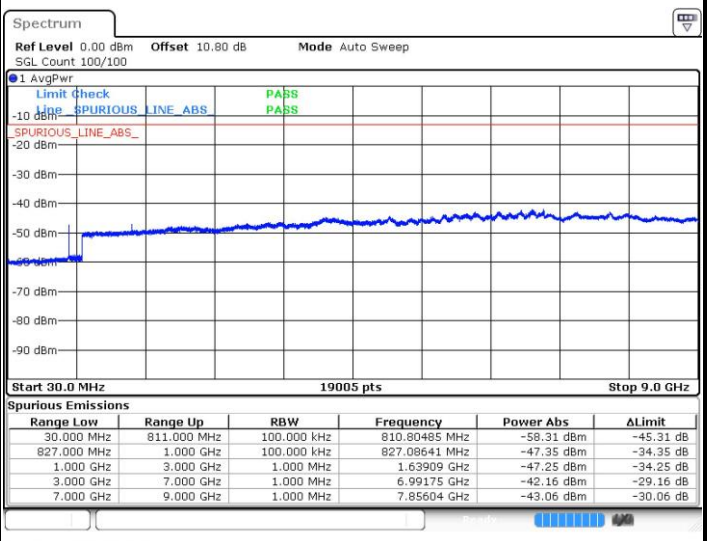



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 811.000 MHz | 100.000 kHz | 810.41454 MHz | -58.33 dBm | -45.33 dB |
| 827.000 MHz | 1.000 GHz | 100.000 kHz | 827.08641 MHz | -46.69 dBm | -33.69 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.63909 GHz | -46.69 dBm | -33.69 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.99225 GHz | -42.12 dBm | -29.12 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.85654 GHz | -42.89 dBm | -29.89 dB |

Date: 20.FEB.2017 21:49:58

### Highest Channel / 16QAM



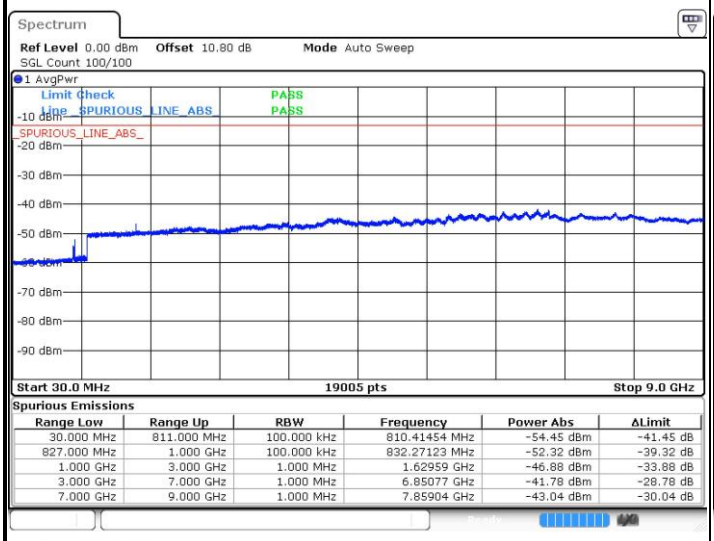

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 811.000 MHz | 100.000 kHz | 810.80485 MHz | -58.31 dBm | -45.31 dB |
| 827.000 MHz | 1.000 GHz | 100.000 kHz | 827.08641 MHz | -47.35 dBm | -34.35 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.63909 GHz | -47.25 dBm | -34.25 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.99175 GHz | -42.16 dBm | -29.16 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.85604 GHz | -43.06 dBm | -30.06 dB |

Date: 20.FEB.2017 21:50:53

## LTE Band 26 / 10MHz

### Middle Channel / QPSK

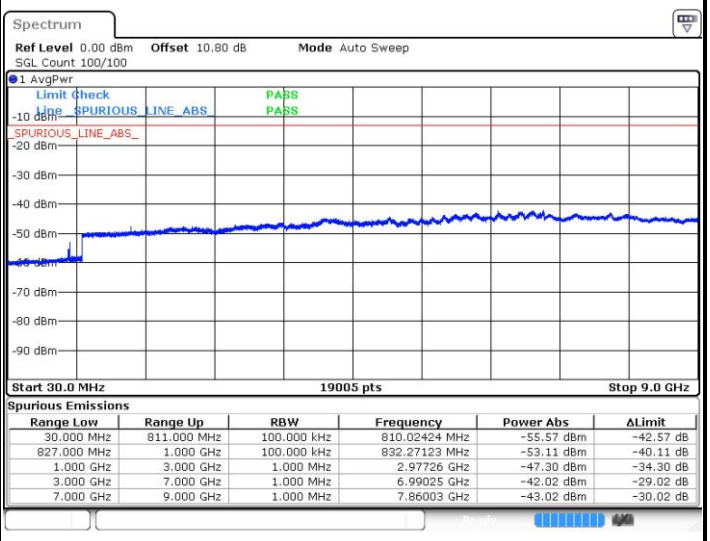



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 811.000 MHz | 100.000 kHz | 810.41454 MHz | -54.45 dBm | -41.45 dB |
| 827.000 MHz | 1.000 GHz | 100.000 kHz | 832.27123 MHz | -52.32 dBm | -39.32 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.62959 GHz | -46.88 dBm | -33.88 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.85077 GHz | -41.78 dBm | -28.78 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.85904 GHz | -43.04 dBm | -30.04 dB |

Date: 20.FEB.2017 21:52:28

### Middle Channel / 16QAM

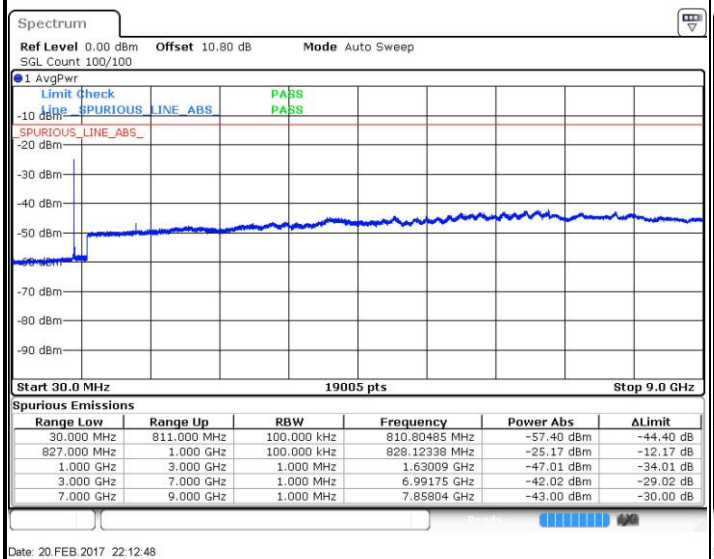



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 811.000 MHz | 100.000 kHz | 810.02424 MHz | -55.57 dBm | -42.57 dB |
| 827.000 MHz | 1.000 GHz | 100.000 kHz | 832.27123 MHz | -53.11 dBm | -40.11 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.97726 GHz | -47.30 dBm | -34.30 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.99025 GHz | -42.02 dBm | -29.02 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.86003 GHz | -43.02 dBm | -30.02 dB |

Date: 20.FEB.2017 21:53:22

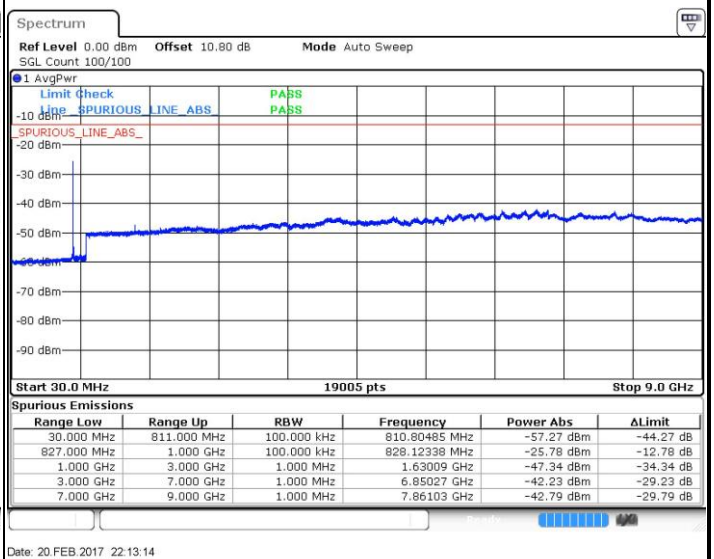
| LTE Band 26 / 15MHz | |
|---|---|
| **Lowest Channel / QPSK** | **Lowest Channel / 16QAM** |




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 811.000 MHz | 100.000 kHz | 810.80485 MHz | -57.40 dBm | -44.40 dB |
| 827.000 MHz | 1.000 GHz | 100.000 kHz | 828.12338 MHz | -25.17 dBm | -12.17 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.63009 GHz | -47.01 dBm | -34.01 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.99175 GHz | -42.02 dBm | -29.02 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.85804 GHz | -43.00 dBm | -30.00 dB |

Date: 20.FEB.2017 22:12:48




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 811.000 MHz | 100.000 kHz | 810.80485 MHz | -57.27 dBm | -44.27 dB |
| 827.000 MHz | 1.000 GHz | 100.000 kHz | 828.12338 MHz | -25.78 dBm | -12.78 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 1.63009 GHz | -47.34 dBm | -34.34 dB |
| 3.000 GHz | 7.000 GHz | 1.000 MHz | 6.85027 GHz | -42.23 dBm | -29.23 dB |
| 7.000 GHz | 9.000 GHz | 1.000 MHz | 7.86103 GHz | -42.79 dBm | -29.79 dB |

Date: 20.FEB.2017 22:13:14

# 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 | 0.0049 | PASS |
| 40 | Normal Voltage | 0.0057 | |
| 30 | Normal Voltage | 0.0066 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0085 | |
| 0 | Normal Voltage | 0.0015 | |
| -10 | Normal Voltage | 0.0001 | |
| -20 | Normal Voltage | 0.0072 | |
| -30 | Normal Voltage | 0.0070 | |
| 20 | Maximum Voltage | 0.0071 | |
| 20 | Normal Voltage | 0.0000 | |
| 20 | Battery End Point | 0.0066 | |

**Note:**

**1.** Normal Voltage =3.9 V.；Battery End Point (BEP) =3.6 V.；Maximum Voltage =4.35 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 | 0.0082 | PASS |
| 40 | Normal Voltage | 0.0086 | |
| 30 | Normal Voltage | 0.0052 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0047 | |
| 0 | Normal Voltage | 0.0057 | |
| -10 | Normal Voltage | 0.0072 | |
| -20 | Normal Voltage | 0.0017 | |
| -30 | Normal Voltage | 0.0074 | |
| 20 | Maximum Voltage | 0.0002 | |
| 20 | Normal Voltage | 0.0000 | |
| 20 | Battery End Point | 0.0047 | |

**Note:**

1. Normal Voltage =3.9 V.；Battery End Point (BEP) =3.4 V.；Maximum Voltage =4.35 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 / 15MHz (Channel 26765) | | | | | | | |
|---|---|---|---|---|---|---|---|
| Channel | Mode | RB | | Horizontal | | Vertical | |
| | | Size | Offset | ERP(dBm) | ERP(W) | ERP(dBm) | ERP(W) |
| Lowest | QPSK | 1 | 74 | 18.75 | 0.08 | 19.95 | 0.10 |
| Middle | | - | - | - | - | - | - |
| Highest | | - | - | - | - | - | - |
| Lowest | 16QAM | 1 | 74 | 16.79 | 0.05 | 18.02 | 0.06 |
| Middle | | - | - | - | - | - | - |
| Highest | | - | - | - | - | - | - |
| Limit | ERP < 7W | | | Result | | PASS | |

# Radiated Spurious Emission

# LTE Band 26

| 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) |
| Lowest | 1632 | -49.60 | -13 | -36.60 | -37.29 | -51.41 | 0.97 | 4.93 | H |
| | 2440 | -62.95 | -13 | -49.95 | -56.06 | -64.75 | 1.27 | 5.22 | H |
| | 3256 | -65.93 | -13 | -52.93 | -61.12 | -69.18 | 1.53 | 6.93 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1632 | -46.91 | -13 | -33.91 | -35.08 | -48.72 | 0.97 | 4.93 | V |
| | 2440 | -60.46 | -13 | -47.46 | -54.01 | -62.26 | 1.27 | 5.22 | V |
| | 3256 | -65.25 | -13 | -52.25 | -60.84 | -68.5 | 1.53 | 6.93 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 1640 | -48.61 | -13 | -35.61 | -36.45 | -50.39 | 0.97 | 4.91 | H |
| | 2456 | -58.18 | -13 | -45.18 | -51.37 | -60.02 | 1.28 | 5.27 | H |
| | 3272 | -65.69 | -13 | -52.69 | -60.95 | -69 | 1.53 | 7.00 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1640 | -47.78 | -13 | -34.78 | -36.09 | -49.56 | 0.97 | 4.91 | V |
| | 2456 | -56.33 | -13 | -43.33 | -49.96 | -58.17 | 1.28 | 5.27 | V |
| | 3272 | -65.39 | -13 | -52.39 | -61.02 | -68.7 | 1.53 | 7.00 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Highest | 1648 | -50.01 | -13 | -37.01 | -37.85 | -51.77 | 0.98 | 4.89 | H |
| | 2472 | -58.22 | -13 | -45.22 | -51.5 | -60.1 | 1.28 | 5.32 | H |
| | 3296 | -65.98 | -13 | -52.98 | -61.31 | -69.39 | 1.54 | 7.10 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1648 | -49.42 | -13 | -36.42 | -37.73 | -51.18 | 0.98 | 4.89 | V |
| | 2472 | -55.77 | -13 | -42.77 | -49.49 | -57.65 | 1.28 | 5.32 | V |
| | 3296 | -66.39 | -13 | -53.39 | -61.09 | -69.8 | 1.54 | 7.10 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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

| 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) |
| Lowest | 1632 | -50.33 | -13 | -37.33 | -38.02 | -52.14 | 0.97 | 4.93 | H |
| | 2440 | -60.89 | -13 | -47.89 | -54 | -62.69 | 1.27 | 5.22 | H |
| | 3256 | -66.06 | -13 | -53.06 | -61.25 | -69.31 | 1.53 | 6.93 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1632 | -47.44 | -13 | -34.44 | -35.61 | -49.25 | 0.97 | 4.93 | V |
| | 2440 | -57.83 | -13 | -44.83 | -51.38 | -59.63 | 1.27 | 5.22 | V |
| | 3256 | -65.44 | -13 | -52.44 | -61.03 | -68.69 | 1.53 | 6.93 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 1632 | -51.70 | -13 | -38.70 | -39.39 | -53.51 | 0.97 | 4.93 | H |
| | 2456 | -58.25 | -13 | -45.25 | -51.44 | -60.09 | 1.28 | 5.27 | H |
| | 3272 | -65.78 | -13 | -52.78 | -61.04 | -69.09 | 1.53 | 7.00 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1632 | -49.48 | -13 | -36.48 | -37.65 | -51.29 | 0.97 | 4.93 | V |
| | 2456 | -55.67 | -13 | -42.67 | -49.3 | -57.51 | 1.28 | 5.27 | V |
| | 3272 | -65.43 | -13 | -52.43 | -61.06 | -68.74 | 1.53 | 7.00 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Highest | 1640 | -52.20 | -13 | -39.20 | -40.04 | -53.98 | 0.97 | 4.91 | H |
| | 2464 | -57.00 | -13 | -44.00 | -50.19 | -58.86 | 1.28 | 5.29 | H |
| | 3280 | -65.90 | -13 | -52.90 | -61.16 | -69.25 | 1.54 | 7.03 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1640 | -50.35 | -13 | -37.35 | -38.66 | -52.13 | 0.97 | 4.91 | V |
| | 2464 | -55.77 | -13 | -42.77 | -49.4 | -57.63 | 1.28 | 5.29 | V |
| | 3280 | -65.20 | -13 | -52.20 | -60.83 | -68.55 | 1.54 | 7.03 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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

| 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) |
| Lowest | 1632 | -50.41 | -13 | -37.41 | -38.1 | -52.22 | 0.97 | 4.93 | H |
| | 2440 | -60.69 | -13 | -47.69 | -53.8 | -62.49 | 1.27 | 5.22 | H |
| | 3256 | -66.09 | -13 | -53.09 | -61.28 | -69.34 | 1.53 | 6.93 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1632 | -46.97 | -13 | -33.97 | -35.14 | -48.78 | 0.97 | 4.93 | V |
| | 2440 | -57.09 | -13 | -44.09 | -50.64 | -58.89 | 1.27 | 5.22 | V |
| | 3256 | -65.42 | -13 | -52.42 | -61.01 | -68.67 | 1.53 | 6.93 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Middle | 1632 | -50.31 | -13 | -37.31 | -38 | -52.12 | 0.97 | 4.93 | H |
| | 2448 | -60.08 | -13 | -47.08 | -53.19 | -61.9 | 1.27 | 5.24 | H |
| | 3264 | -65.74 | -13 | -52.74 | -60.93 | -69.02 | 1.53 | 6.96 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1632 | -48.51 | -13 | -35.51 | -36.68 | -50.32 | 0.97 | 4.93 | V |
| | 2448 | -57.29 | -13 | -44.29 | -50.84 | -59.11 | 1.27 | 5.24 | V |
| | 3264 | -65.17 | -13 | -52.17 | -60.76 | -68.45 | 1.53 | 6.96 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| Highest | 1640 | -51.57 | -13 | -38.57 | -39.41 | -53.35 | 0.97 | 4.91 | H |
| | 2456 | -58.14 | -13 | -45.14 | -51.33 | -59.98 | 1.28 | 5.27 | H |
| | 3280 | -65.90 | -13 | -52.90 | -61.16 | -69.25 | 1.54 | 7.03 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1640 | -48.84 | -13 | -35.84 | -37.15 | -50.62 | 0.97 | 4.91 | V |
| | 2456 | -55.71 | -13 | -42.71 | -49.34 | -57.55 | 1.28 | 5.27 | V |
| | 3280 | -65.37 | -13 | -52.37 | -61 | -68.72 | 1.54 | 7.03 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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

| 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 | -46.98 | -13 | -33.98 | -34.67 | -48.79 | 0.97 | 4.93 | H |
| | 2448 | -59.45 | -13 | -46.45 | 52.56 | -61.27 | 1.27 | 5.24 | H |
| | 3264 | -65.70 | -13 | -52.70 | -60.89 | -68.98 | 1.53 | 6.96 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1632 | -46.45 | -13 | -33.45 | -34.62 | -48.26 | 0.97 | 4.93 | V |
| | 2448 | -59.06 | -13 | -46.06 | -52.61 | -60.88 | 1.27 | 5.24 | V |
| | 3264 | -65.14 | -13 | -52.14 | -60.73 | -68.42 | 1.53 | 6.96 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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

| 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 | -47.58 | -13 | -34.58 | -35.27 | -49.39 | 0.97 | 4.93 | H |
| | 2448 | -60.02 | -13 | -47.02 | -53.13 | -61.84 | 1.27 | 5.24 | H |
| | 3264 | -65.88 | -13 | -52.88 | -61.07 | -69.16 | 1.53 | 6.96 | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | | | | | | | | | H |
| | 1632 | -45.17 | -13 | -32.17 | -33.34 | -46.98 | 0.97 | 4.93 | V |
| | 2448 | -57.97 | -13 | -44.97 | -51.52 | -59.79 | 1.27 | 5.24 | V |
| | 3264 | -65.35 | -13 | -52.35 | -60.94 | -68.63 | 1.53 | 6.96 | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |
| | | | | | | | | | V |

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