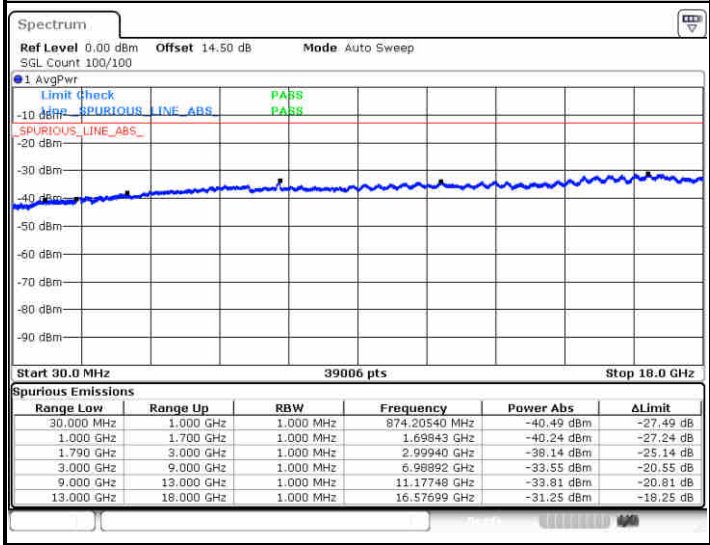
## LTE Band 66 / 1.4MHz

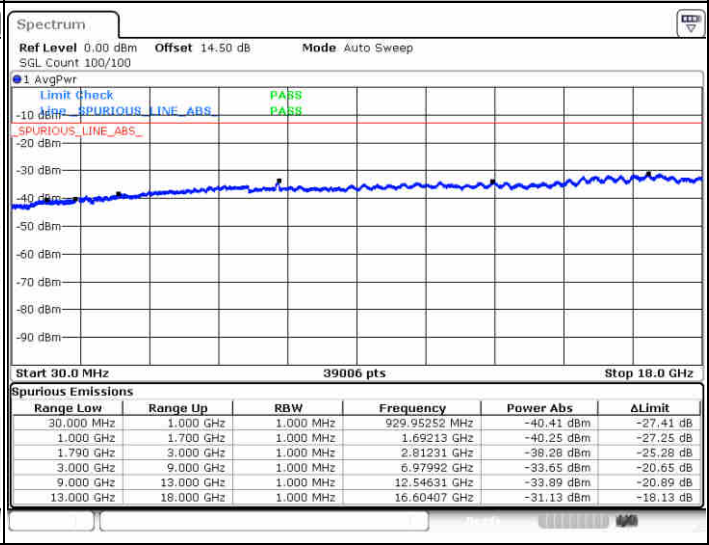
### Highest Channel / QPSK




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 874.20540 MHz | -40.49 dBm | -27.49 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.69843 GHz | -40.24 dBm | -27.24 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.99940 GHz | -38.14 dBm | -25.14 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.98892 GHz | -33.55 dBm | -20.55 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 11.17748 GHz | -33.81 dBm | -20.81 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.57699 GHz | -31.25 dBm | -18.25 dB |

### Highest Channel / 16QAM

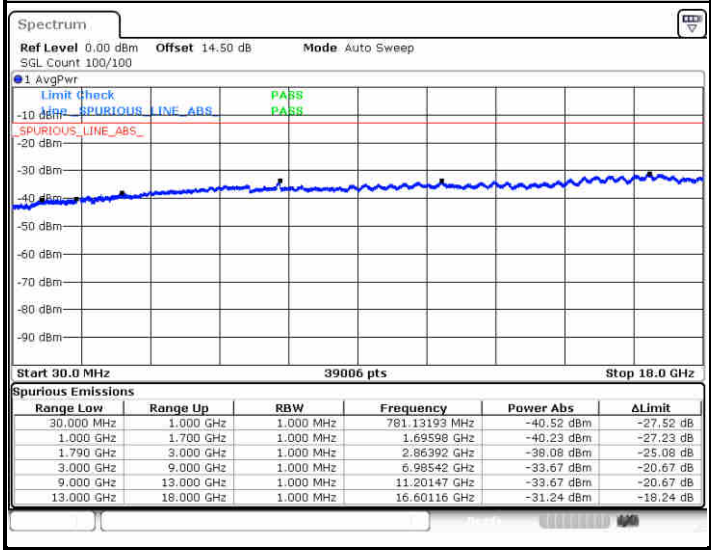



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 929.95252 MHz | -40.41 dBm | -27.41 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.69213 GHz | -40.25 dBm | -27.25 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.81231 GHz | -38.28 dBm | -25.28 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.97992 GHz | -33.65 dBm | -20.65 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.54631 GHz | -33.89 dBm | -20.89 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.60407 GHz | -31.13 dBm | -18.13 dB |

## LTE Band 66 / 3MHz

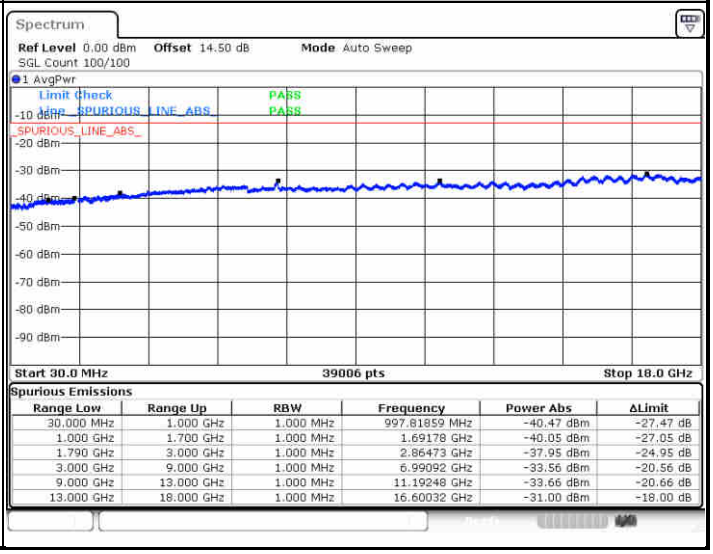
### Lowest Channel / QPSK




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 781.13193 MHz | -40.52 dBm | -27.52 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.69598 GHz | -40.23 dBm | -27.23 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.86392 GHz | -38.08 dBm | -25.08 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.98542 GHz | -33.67 dBm | -20.67 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 11.20147 GHz | -33.67 dBm | -20.67 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.60116 GHz | -31.24 dBm | -18.24 dB |

### Lowest Channel / 16QAM

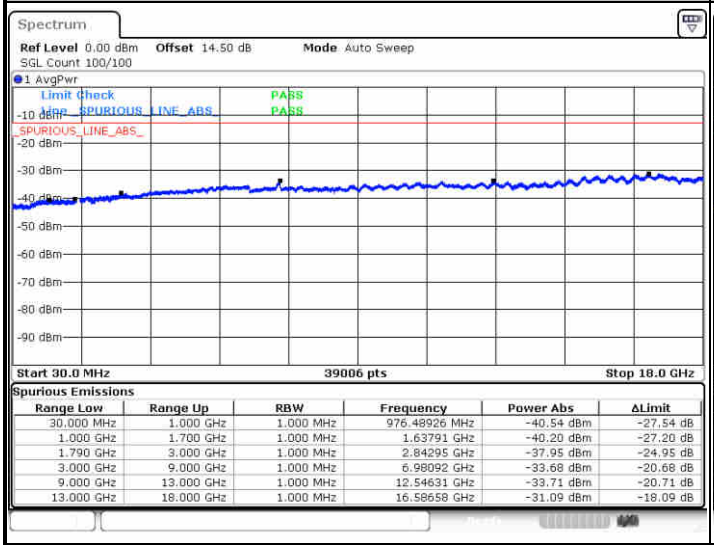



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 997.81859 MHz | -40.47 dBm | -27.47 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.69178 GHz | -40.05 dBm | -27.05 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.86473 GHz | -37.95 dBm | -24.95 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.99092 GHz | -33.56 dBm | -20.56 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 11.19248 GHz | -33.66 dBm | -20.66 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.60032 GHz | -31.00 dBm | -18.00 dB |

## LTE Band 66 / 3MHz

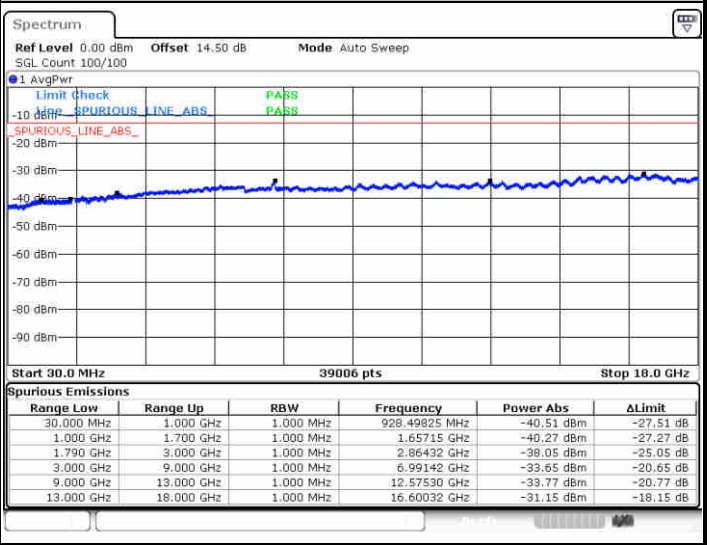
### Middle Channel / QPSK




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 976.48926 MHz | -40.54 dBm | -27.54 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.63791 GHz | -40.20 dBm | -27.20 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.84295 GHz | -37.95 dBm | -24.95 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.98092 GHz | -33.68 dBm | -20.68 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.54631 GHz | -33.71 dBm | -20.71 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.58658 GHz | -31.09 dBm | -18.09 dB |

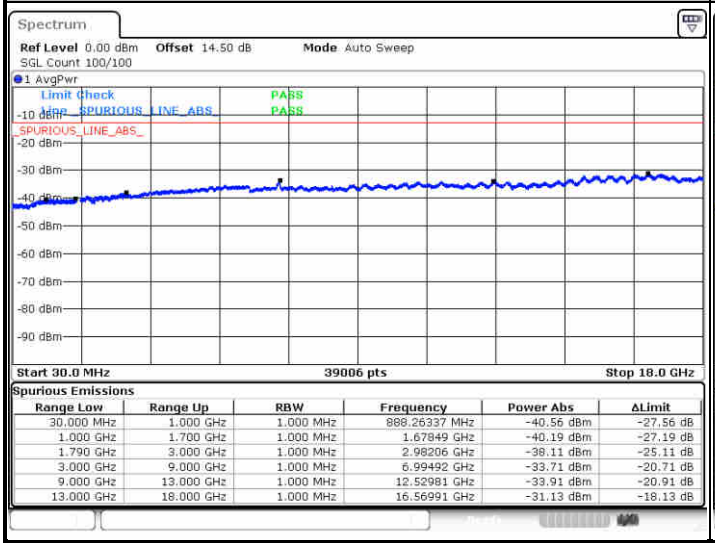
### Middle Channel / 16QAM




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 928.49825 MHz | -40.51 dBm | -27.51 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.65715 GHz | -40.27 dBm | -27.27 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.86432 GHz | -38.05 dBm | -25.05 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.99142 GHz | -33.65 dBm | -20.65 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.57530 GHz | -33.77 dBm | -20.77 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.60032 GHz | -31.15 dBm | -18.15 dB |

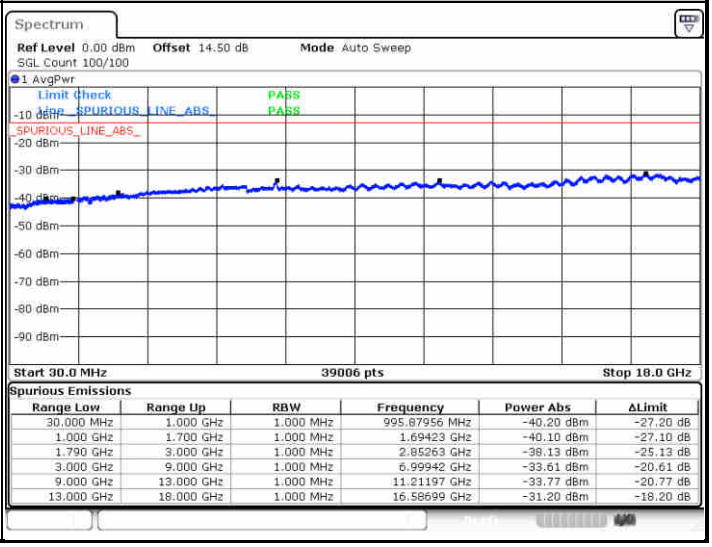
### Highest Channel / QPSK




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 888.26337 MHz | -40.56 dBm | -27.56 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.67849 GHz | -40.19 dBm | -27.19 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.98206 GHz | -38.11 dBm | -25.11 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.99492 GHz | -33.71 dBm | -20.71 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.52981 GHz | -33.91 dBm | -20.91 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.56991 GHz | -31.13 dBm | -18.13 dB |

### Highest Channel / 16QAM

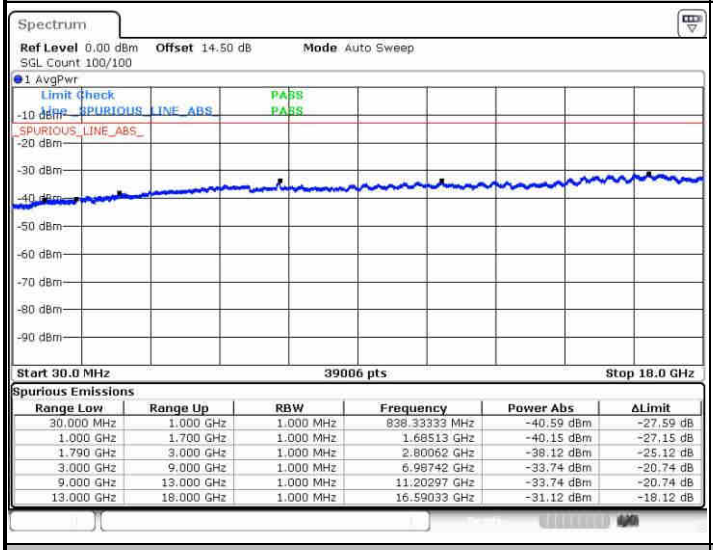



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 995.87956 MHz | -40.20 dBm | -27.20 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.69423 GHz | -40.10 dBm | -27.10 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.85263 GHz | -38.13 dBm | -25.13 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.99942 GHz | -33.61 dBm | -20.61 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 11.21197 GHz | -33.77 dBm | -20.77 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.58699 GHz | -31.20 dBm | -18.20 dB |

## LTE Band 66 / 5MHz

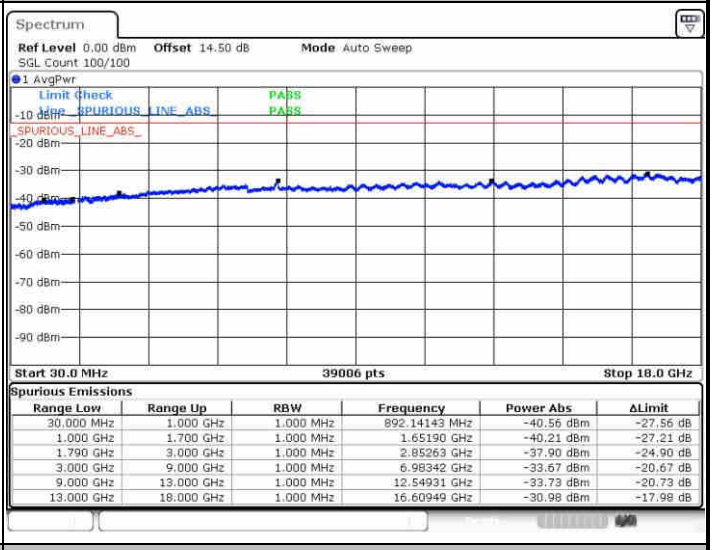
### Lowest Channel / QPSK




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 838.33333 MHz | -40.59 dBm | -27.59 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.68513 GHz | -40.15 dBm | -27.15 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.80062 GHz | -38.12 dBm | -25.12 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.98742 GHz | -33.74 dBm | -20.74 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 11.20297 GHz | -33.74 dBm | -20.74 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.59033 GHz | -31.12 dBm | -18.12 dB |

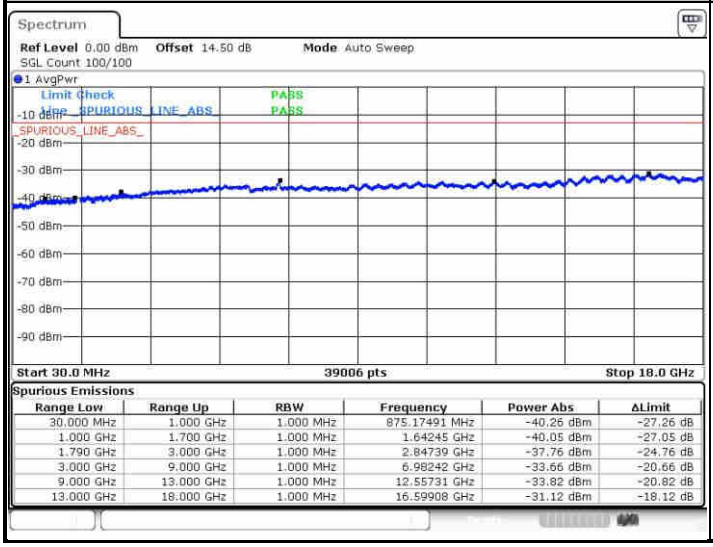
### Lowest Channel / 16QAM




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 892.14143 MHz | -40.56 dBm | -27.56 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.65190 GHz | -40.21 dBm | -27.21 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.85263 GHz | -37.90 dBm | -24.90 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.98342 GHz | -33.67 dBm | -20.67 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.54931 GHz | -33.73 dBm | -20.73 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.60949 GHz | -30.98 dBm | -17.98 dB |

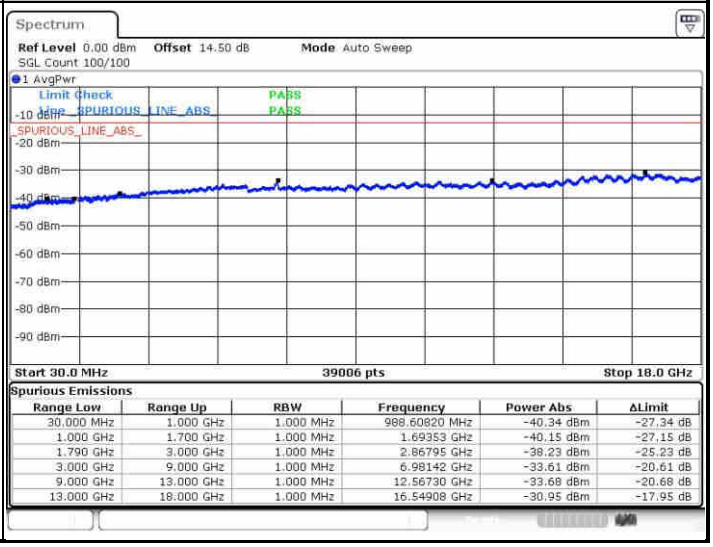
### Middle Channel / QPSK




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 875.17491 MHz | -40.26 dBm | -27.26 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.64245 GHz | -40.05 dBm | -27.05 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.84739 GHz | -37.76 dBm | -24.76 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.98242 GHz | -33.66 dBm | -20.66 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.55731 GHz | -33.82 dBm | -20.82 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.59908 GHz | -31.12 dBm | -18.12 dB |

### Middle Channel / 16QAM

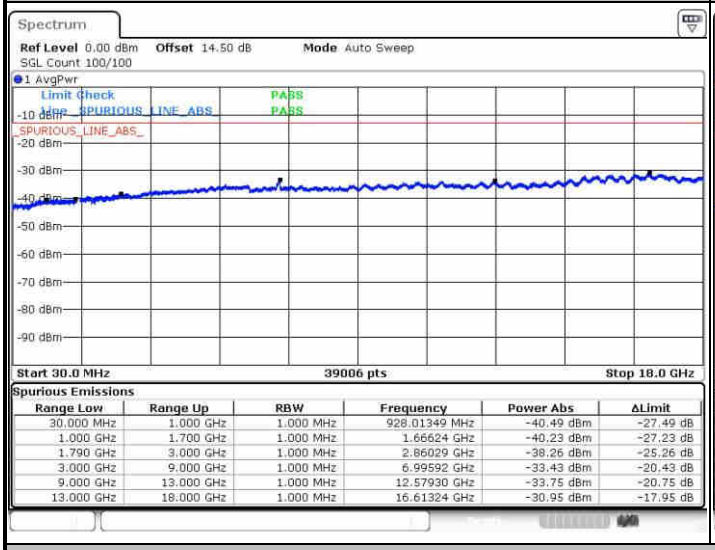



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 988.60820 MHz | -40.34 dBm | -27.34 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.69353 GHz | -40.15 dBm | -27.15 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.86795 GHz | -38.23 dBm | -25.23 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.98142 GHz | -33.61 dBm | -20.61 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.56730 GHz | -33.68 dBm | -20.68 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.54908 GHz | -30.95 dBm | -17.95 dB |

## LTE Band 66 / 5MHz

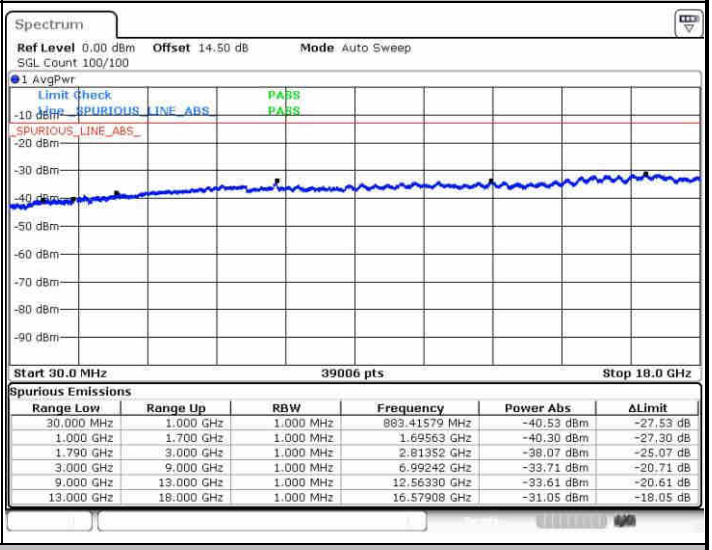
### Highest Channel / QPSK




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 928.01349 MHz | -40.49 dBm | -27.49 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.66624 GHz | -40.23 dBm | -27.23 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.86029 GHz | -38.26 dBm | -25.26 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.99592 GHz | -33.43 dBm | -20.43 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.57930 GHz | -33.75 dBm | -20.75 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.61324 GHz | -30.95 dBm | -17.95 dB |

### Highest Channel / 16QAM

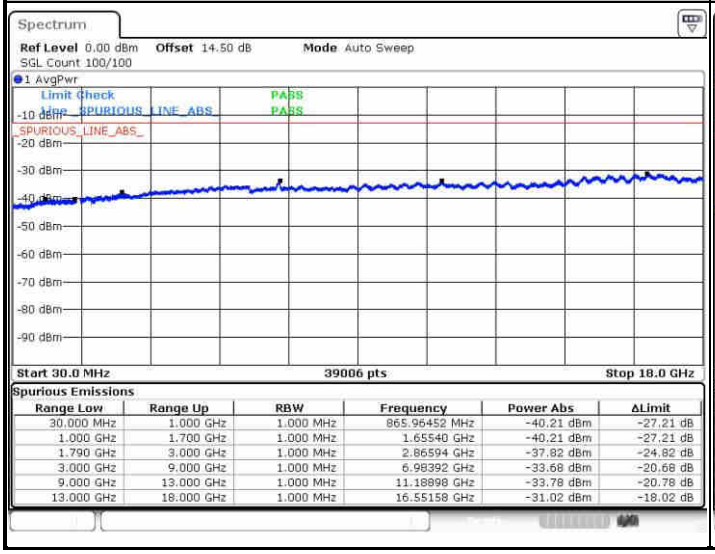



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 883.41579 MHz | -40.53 dBm | -27.53 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.69563 GHz | -40.30 dBm | -27.30 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.81352 GHz | -38.07 dBm | -25.07 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.99242 GHz | -33.71 dBm | -20.71 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.56330 GHz | -33.61 dBm | -20.61 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.57908 GHz | -31.05 dBm | -18.05 dB |

## LTE Band 66 / 10MHz

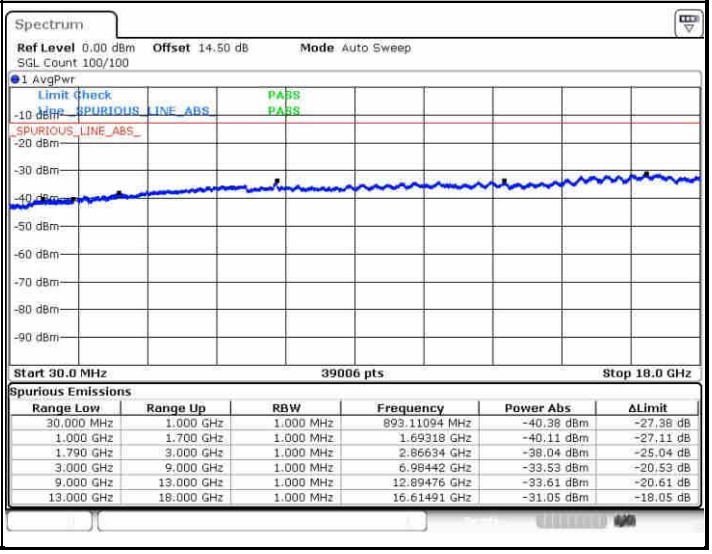
### Lowest Channel / QPSK




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 865.96452 MHz | -40.21 dBm | -27.21 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.65540 GHz | -40.21 dBm | -27.21 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.86594 GHz | -37.82 dBm | -24.82 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.98392 GHz | -33.68 dBm | -20.68 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 11.18898 GHz | -33.78 dBm | -20.78 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.55158 GHz | -31.02 dBm | -18.02 dB |

### Lowest Channel / 16QAM

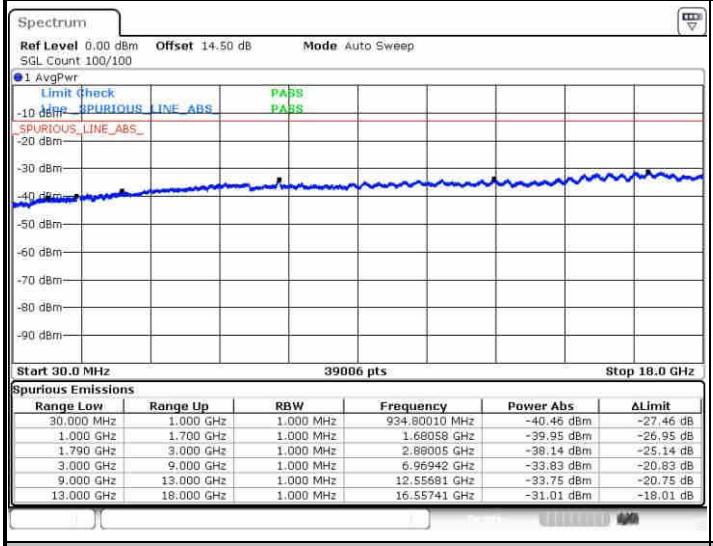



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 893.11094 MHz | -40.38 dBm | -27.38 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.69318 GHz | -40.11 dBm | -27.11 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.86634 GHz | -38.04 dBm | -25.04 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.98442 GHz | -33.53 dBm | -20.53 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.89476 GHz | -33.61 dBm | -20.61 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.61491 GHz | -31.05 dBm | -18.05 dB |

## LTE Band 66 / 10MHz

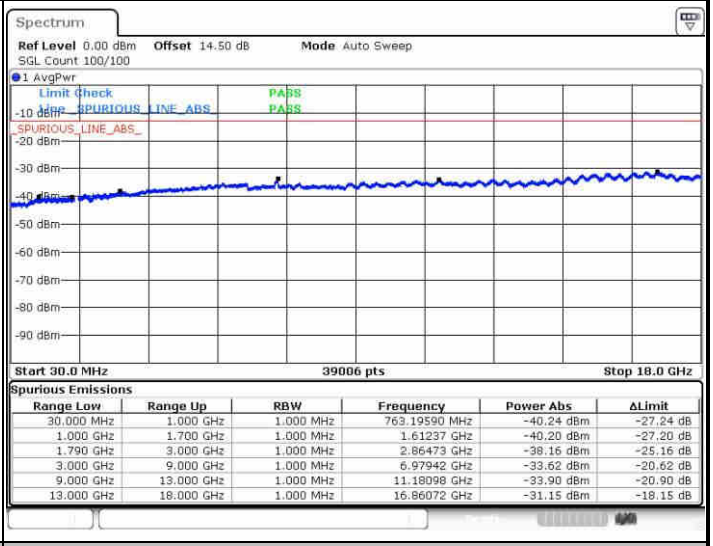
### Middle Channel / QPSK




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 934.80010 MHz | -40.46 dBm | -27.46 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.68058 GHz | -39.95 dBm | -26.95 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.88005 GHz | -38.14 dBm | -25.14 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.96942 GHz | -33.83 dBm | -20.83 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.55681 GHz | -33.75 dBm | -20.75 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.55741 GHz | -31.01 dBm | -18.01 dB |

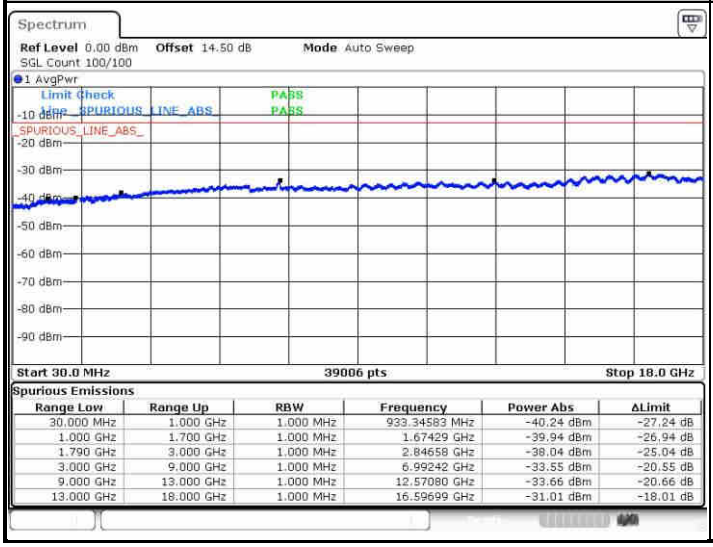
### Middle Channel / 16QAM




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 763.19590 MHz | -40.24 dBm | -27.24 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.61237 GHz | -40.20 dBm | -27.20 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.86473 GHz | -38.16 dBm | -25.16 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.97942 GHz | -33.62 dBm | -20.62 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 11.18098 GHz | -33.90 dBm | -20.90 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.86072 GHz | -31.15 dBm | -18.15 dB |

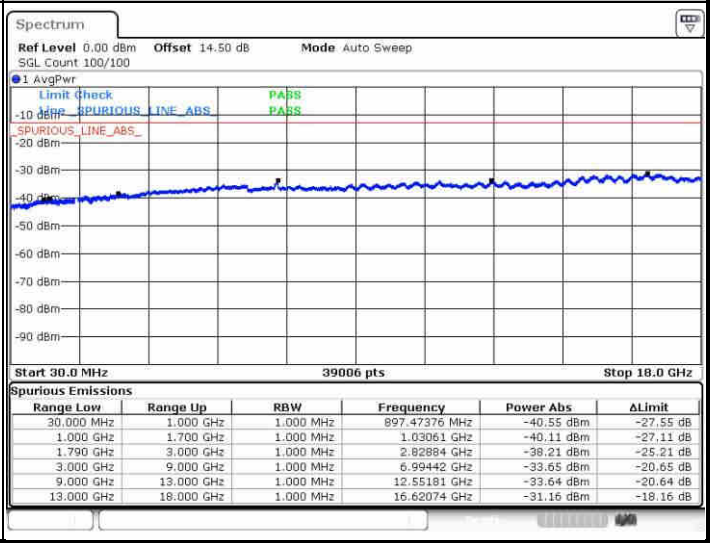
### Highest Channel / QPSK




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 933.34583 MHz | -40.24 dBm | -27.24 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.67429 GHz | -39.94 dBm | -26.94 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.84658 GHz | -38.04 dBm | -25.04 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.99242 GHz | -33.55 dBm | -20.55 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.57080 GHz | -33.66 dBm | -20.66 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.59699 GHz | -31.01 dBm | -18.01 dB |

### Highest Channel / 16QAM

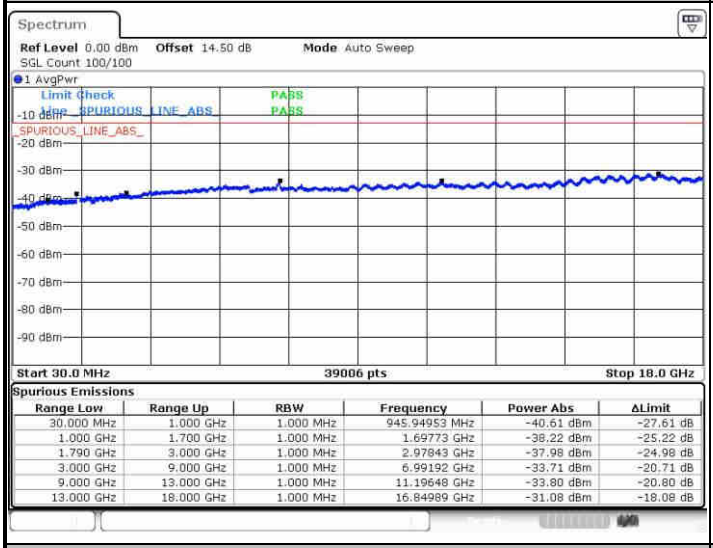



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 897.47376 MHz | -40.55 dBm | -27.55 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.03061 GHz | -40.11 dBm | -27.11 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.82884 GHz | -38.21 dBm | -25.21 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.99442 GHz | -33.65 dBm | -20.65 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.55181 GHz | -33.64 dBm | -20.64 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.62074 GHz | -31.16 dBm | -18.16 dB |

## LTE Band 66 / 15MHz

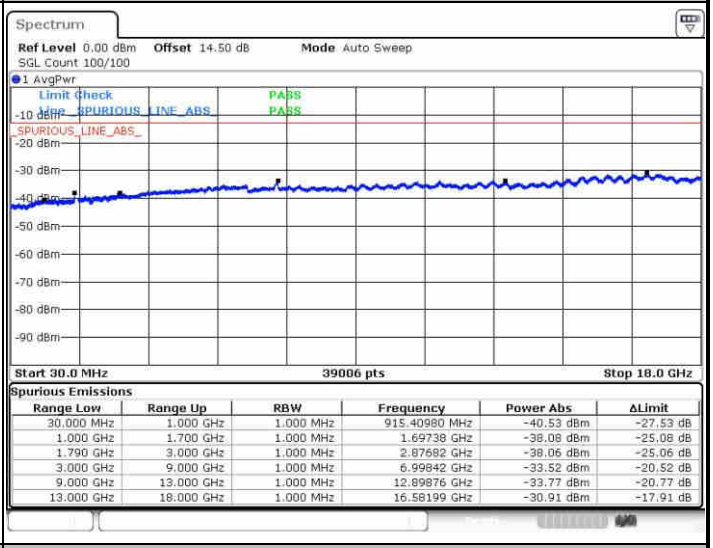
### Lowest Channel / QPSK




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 945.94953 MHz | -40.61 dBm | -27.61 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.69773 GHz | -38.22 dBm | -25.22 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.97843 GHz | -37.98 dBm | -24.98 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.99192 GHz | -33.71 dBm | -20.71 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 11.19648 GHz | -33.80 dBm | -20.80 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.84989 GHz | -31.08 dBm | -18.08 dB |

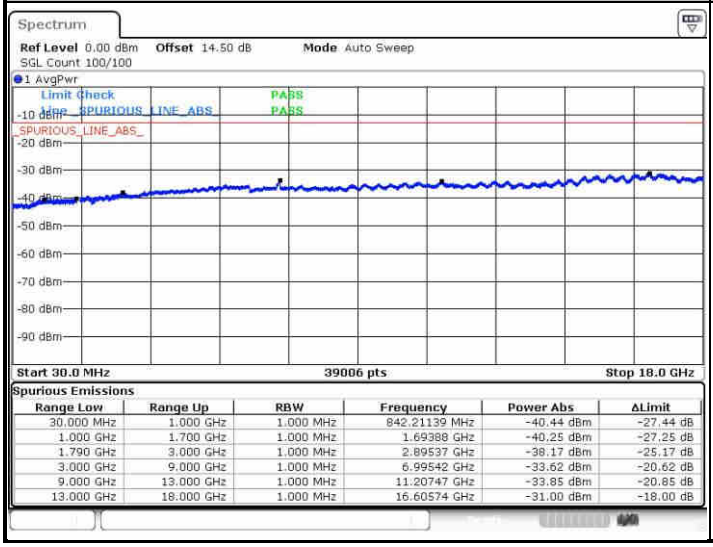
### Lowest Channel / 16QAM




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 915.40980 MHz | -40.53 dBm | -27.53 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.69738 GHz | -38.08 dBm | -25.08 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.87682 GHz | -38.06 dBm | -25.06 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.99842 GHz | -33.52 dBm | -20.52 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.89876 GHz | -33.77 dBm | -20.77 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.58199 GHz | -30.91 dBm | -17.91 dB |

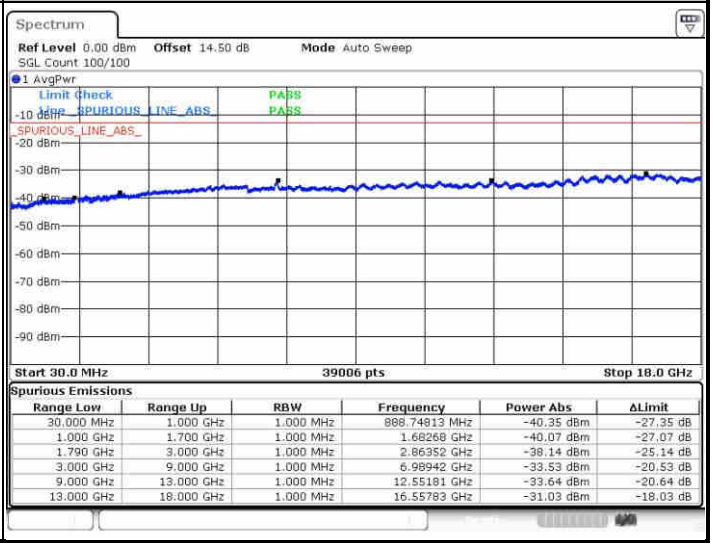
### Middle Channel / QPSK




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 842.21139 MHz | -40.44 dBm | -27.44 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.69388 GHz | -40.25 dBm | -27.25 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.89537 GHz | -38.17 dBm | -25.17 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.99542 GHz | -33.62 dBm | -20.62 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 11.20747 GHz | -33.85 dBm | -20.85 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.60574 GHz | -31.00 dBm | -18.00 dB |

### Middle Channel / 16QAM

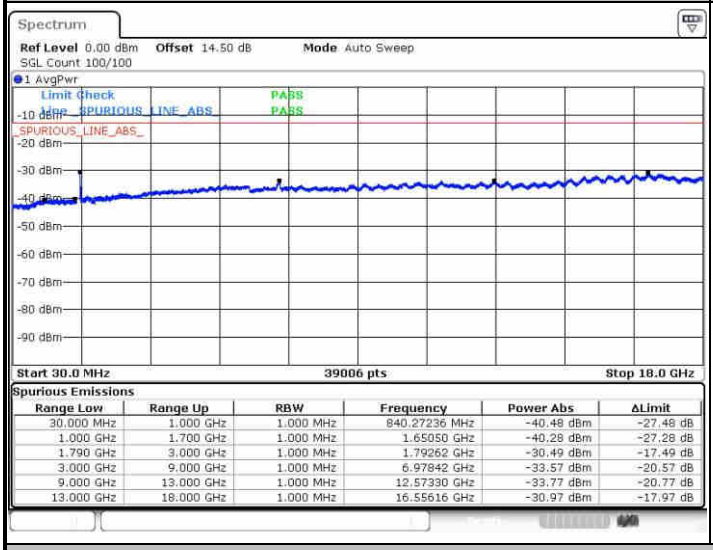



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 888.74813 MHz | -40.35 dBm | -27.35 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.68268 GHz | -40.07 dBm | -27.07 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.86352 GHz | -38.14 dBm | -25.14 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.98942 GHz | -33.53 dBm | -20.53 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.55181 GHz | -33.64 dBm | -20.64 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.55783 GHz | -31.03 dBm | -18.03 dB |

## LTE Band 66 / 15MHz

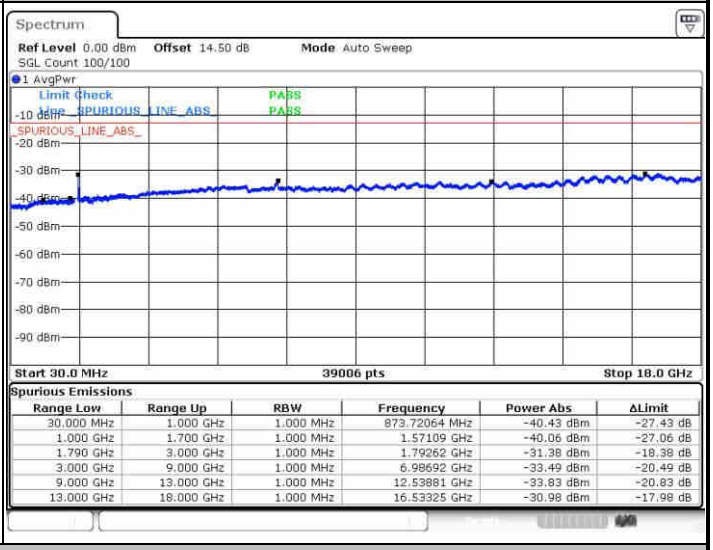
### Highest Channel / QPSK




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 840.27236 MHz | -40.48 dBm | -27.48 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.65050 GHz | -40.28 dBm | -27.28 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 1.79262 GHz | -30.49 dBm | -17.49 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.97842 GHz | -33.57 dBm | -20.57 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.57330 GHz | -33.77 dBm | -20.77 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.55616 GHz | -30.97 dBm | -17.97 dB |

### Highest Channel / 16QAM

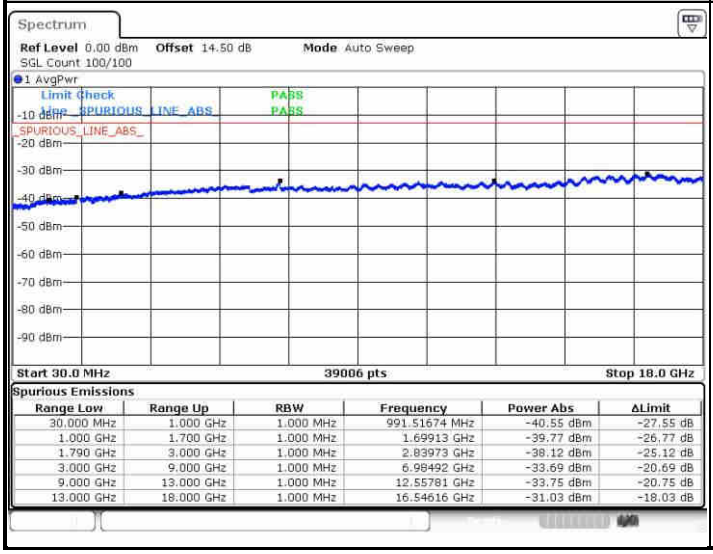



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 873.72064 MHz | -40.43 dBm | -27.43 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.57109 GHz | -40.06 dBm | -27.06 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 1.79262 GHz | -31.38 dBm | -18.38 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.98692 GHz | -33.49 dBm | -20.49 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.53881 GHz | -33.83 dBm | -20.83 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.53325 GHz | -30.98 dBm | -17.98 dB |

## LTE Band 66 / 20MHz

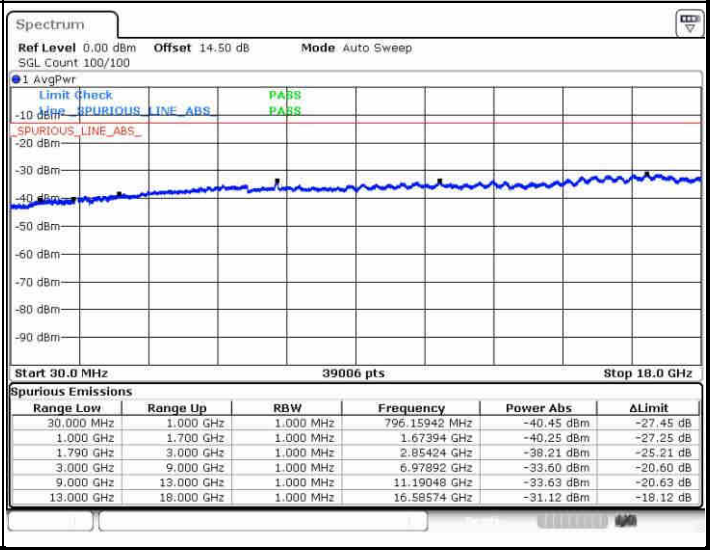
### Lowest Channel / QPSK




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 991.51674 MHz | -40.55 dBm | -27.55 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.69913 GHz | -39.77 dBm | -26.77 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.83973 GHz | -38.12 dBm | -25.12 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.98492 GHz | -33.69 dBm | -20.69 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.55781 GHz | -33.75 dBm | -20.75 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.54616 GHz | -31.03 dBm | -18.03 dB |

### Lowest Channel / 16QAM

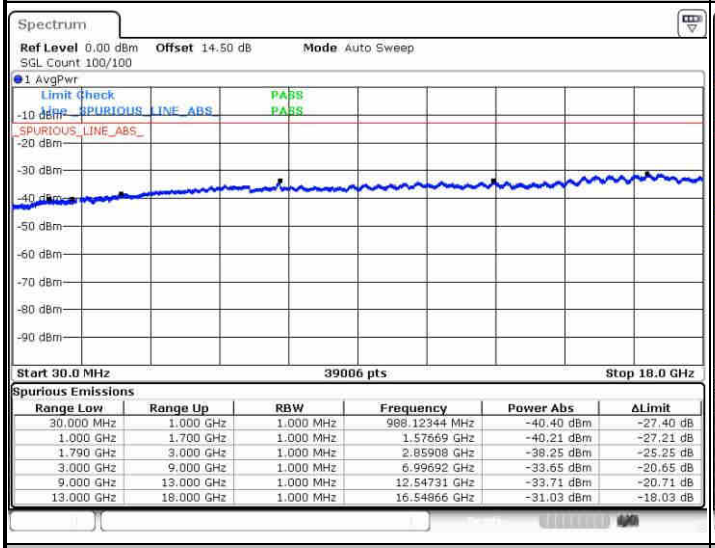



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 796.15942 MHz | -40.45 dBm | -27.45 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.67394 GHz | -40.25 dBm | -27.25 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.85424 GHz | -38.21 dBm | -25.21 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.97892 GHz | -33.60 dBm | -20.60 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 11.19048 GHz | -33.63 dBm | -20.63 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.58574 GHz | -31.12 dBm | -18.12 dB |

## LTE Band 66 / 20MHz

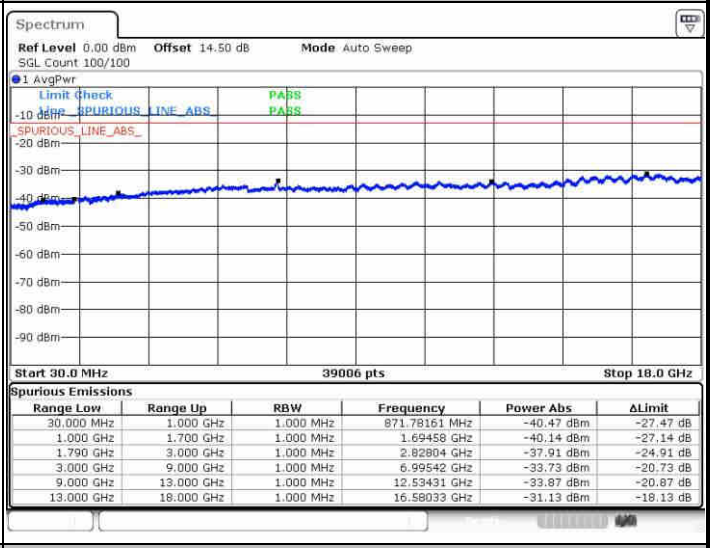
### Middle Channel / QPSK




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 988.12344 MHz | -40.40 dBm | -27.40 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.57669 GHz | -40.21 dBm | -27.21 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.85908 GHz | -38.25 dBm | -25.25 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.99692 GHz | -33.65 dBm | -20.65 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.54731 GHz | -33.71 dBm | -20.71 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.54866 GHz | -31.03 dBm | -18.03 dB |

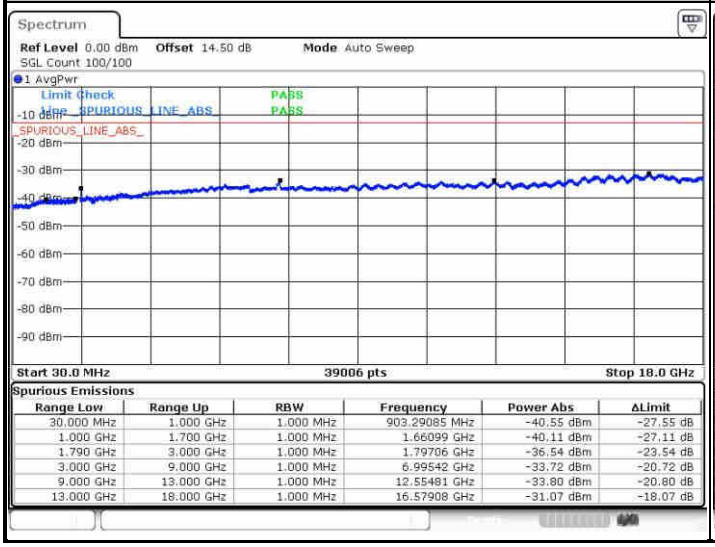
### Middle Channel / 16QAM




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 871.78161 MHz | -40.47 dBm | -27.47 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.69458 GHz | -40.14 dBm | -27.14 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.82804 GHz | -37.91 dBm | -24.91 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.99542 GHz | -33.73 dBm | -20.73 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.53431 GHz | -33.87 dBm | -20.87 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.58033 GHz | -31.13 dBm | -18.13 dB |

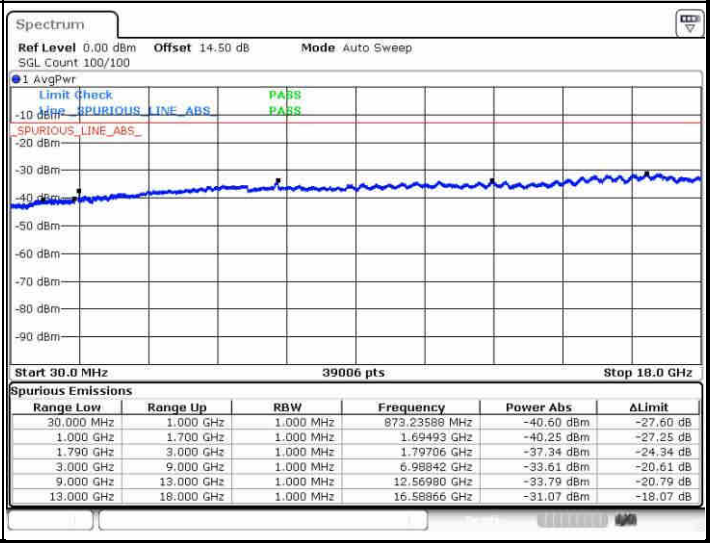
### Highest Channel / QPSK




Spurious Emissions

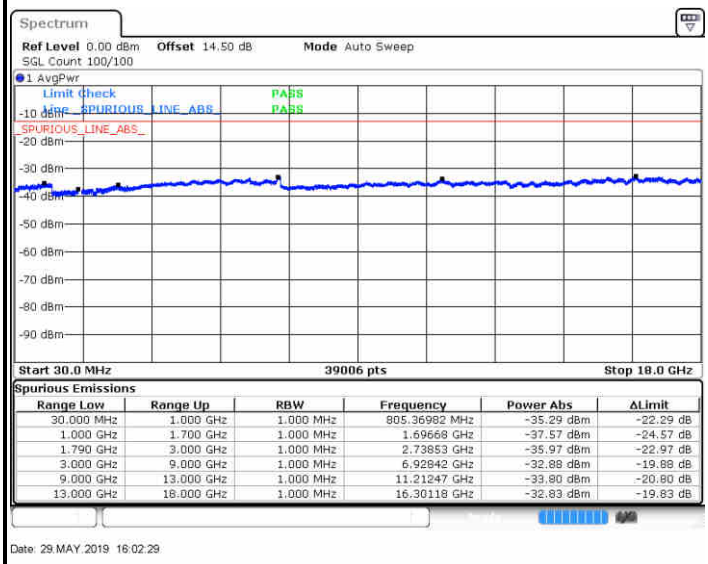
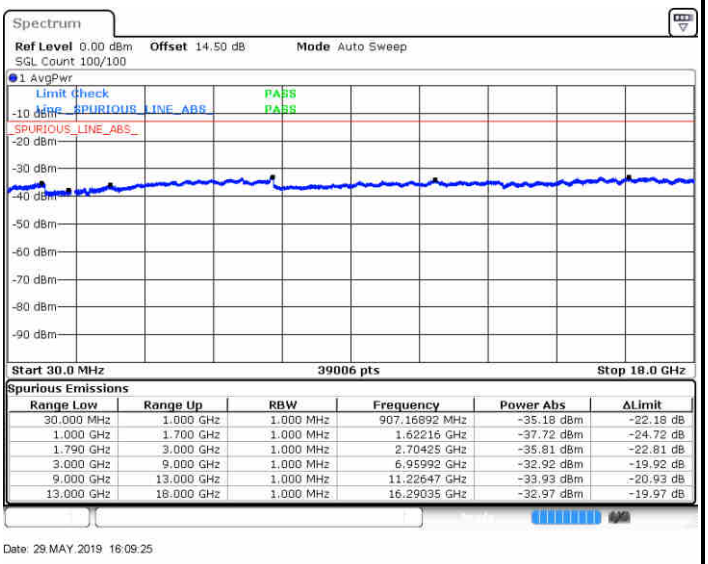
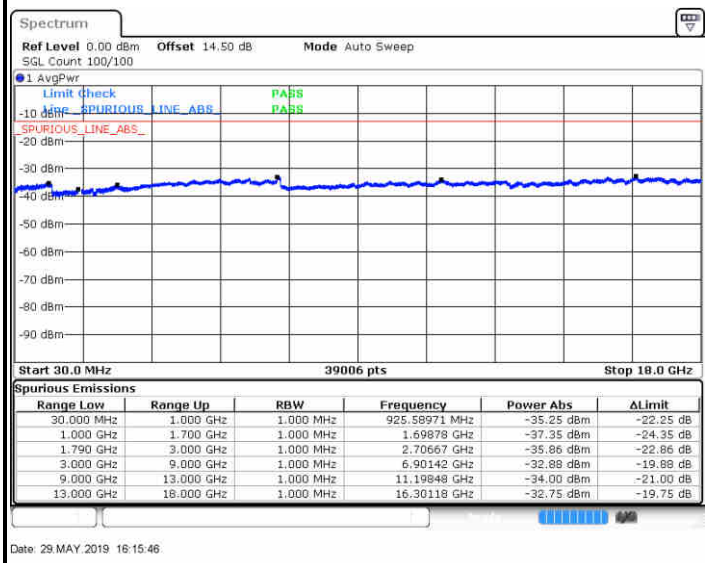
| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 903.29085 MHz | -40.55 dBm | -27.55 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.66099 GHz | -40.11 dBm | -27.11 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 1.79706 GHz | -36.54 dBm | -23.54 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.99542 GHz | -33.72 dBm | -20.72 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.55481 GHz | -33.80 dBm | -20.80 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.57908 GHz | -31.07 dBm | -18.07 dB |

### Highest Channel / 16QAM



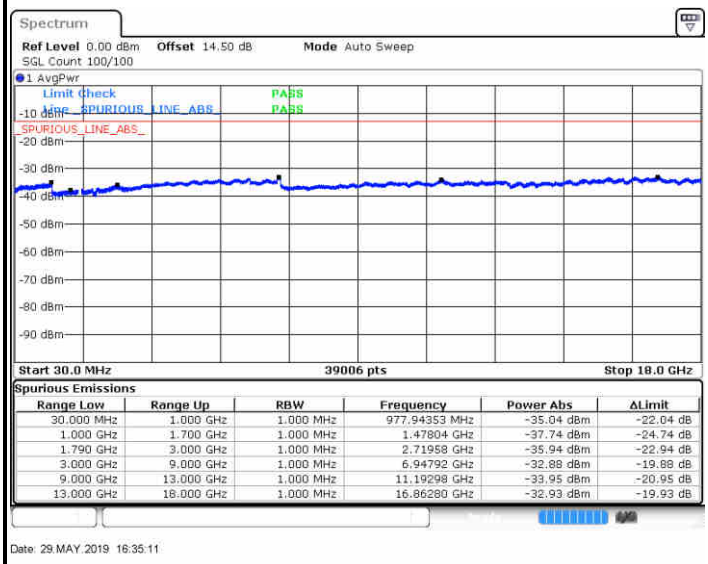

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 873.23588 MHz | -40.60 dBm | -27.60 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.69493 GHz | -40.25 dBm | -27.25 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 1.79706 GHz | -37.34 dBm | -24.34 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.98842 GHz | -33.61 dBm | -20.61 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 12.56980 GHz | -33.79 dBm | -20.79 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.58866 GHz | -31.07 dBm | -18.07 dB |

| LTE Band 66 / 1.4MHz | |
|---|---|
| **Lowest Channel / 64QAM** | **Middle Channel / 64QAM** |
|  |  |
| **Highest Channel / 64QAM** | |
|  | |

## LTE Band 66 / 3MHz

### Lowest Channel / 64QAM

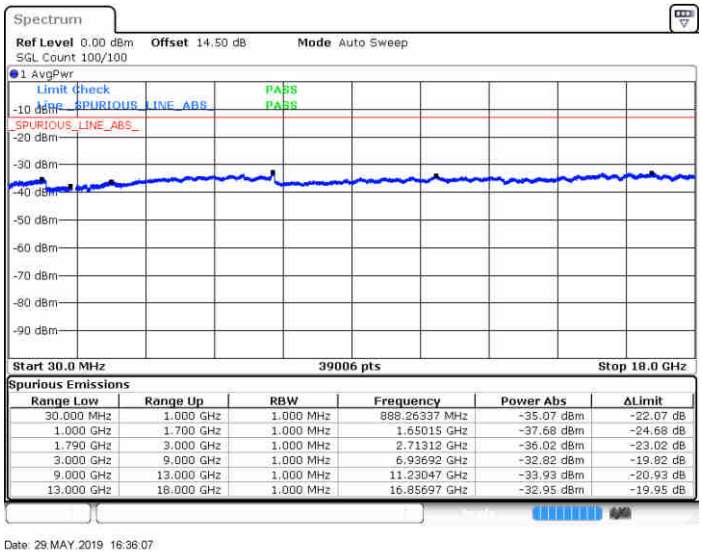



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 977.94353 MHz | -35.04 dBm | -22.04 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.47804 GHz | -37.74 dBm | -24.74 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.71958 GHz | -35.94 dBm | -22.94 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.94792 GHz | -32.88 dBm | -19.88 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 11.19298 GHz | -33.95 dBm | -20.95 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.86280 GHz | -32.93 dBm | -19.93 dB |

Date: 29.MAY.2019 16:35:11

### Middle Channel / 64QAM

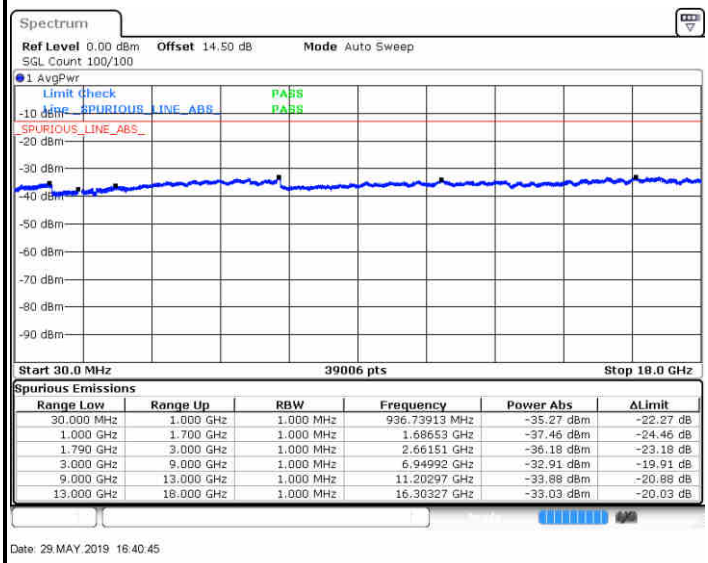



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 888.26337 MHz | -35.07 dBm | -22.07 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.65015 GHz | -37.68 dBm | -24.68 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.71312 GHz | -36.02 dBm | -23.02 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.93692 GHz | -32.82 dBm | -19.82 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 11.23047 GHz | -33.93 dBm | -20.93 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.85697 GHz | -32.95 dBm | -19.95 dB |

Date: 29.MAY.2019 16:36:07

### Highest Channel / 64QAM



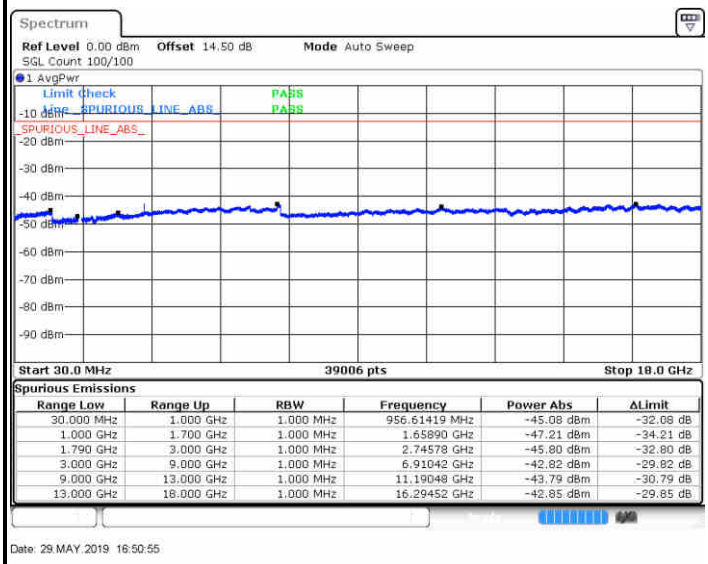

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 936.73913 MHz | -35.27 dBm | -22.27 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.68653 GHz | -37.46 dBm | -24.46 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.66151 GHz | -36.18 dBm | -23.18 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.94992 GHz | -32.91 dBm | -19.91 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 11.20297 GHz | -33.88 dBm | -20.88 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.30327 GHz | -33.03 dBm | -20.03 dB |

Date: 29.MAY.2019 16:40:45

## LTE Band 66 / 5MHz

### Lowest Channel / 64QAM

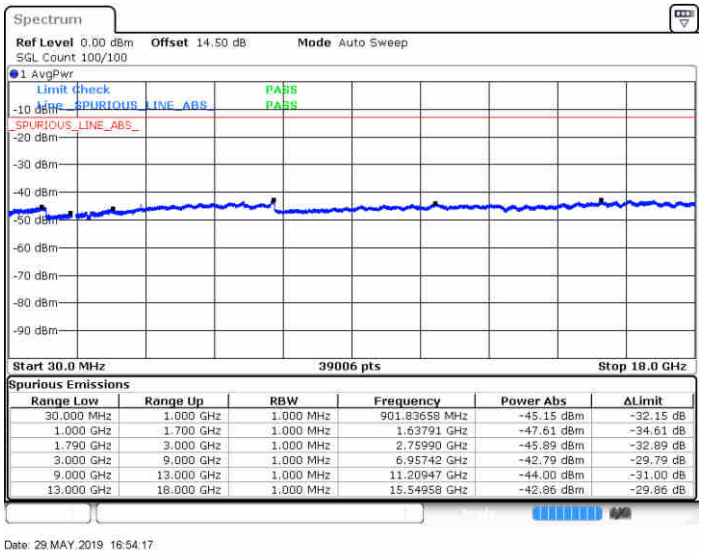



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 956.61419 MHz | -45.08 dBm | -32.08 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.65890 GHz | -47.21 dBm | -34.21 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.74578 GHz | -45.80 dBm | -32.80 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.91042 GHz | -42.82 dBm | -29.82 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 11.19048 GHz | -43.79 dBm | -30.79 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.29452 GHz | -42.85 dBm | -29.85 dB |

Date: 29.MAY.2019 16:50:55

### Middle Channel / 64QAM

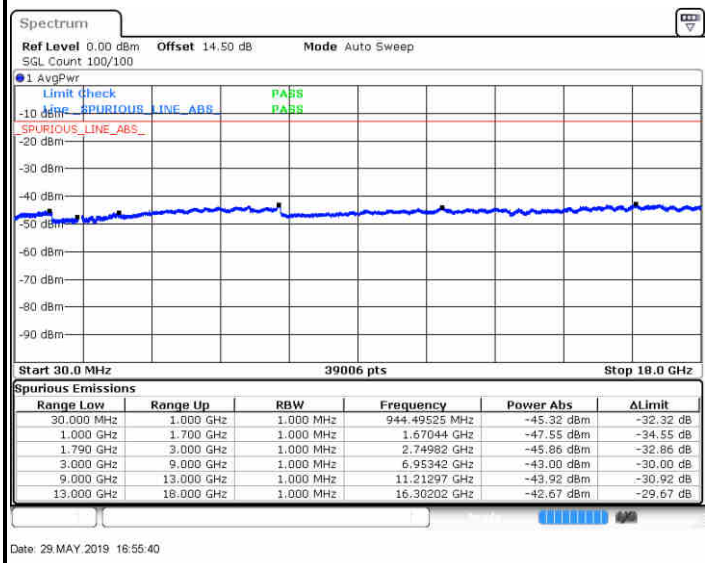



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 901.83658 MHz | -45.15 dBm | -32.15 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.63791 GHz | -47.61 dBm | -34.61 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.75990 GHz | -45.89 dBm | -32.89 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.95742 GHz | -42.79 dBm | -29.79 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 11.20947 GHz | -44.00 dBm | -31.00 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 15.54958 GHz | -42.86 dBm | -29.86 dB |

Date: 29.MAY.2019 16:54:17

### Highest Channel / 64QAM



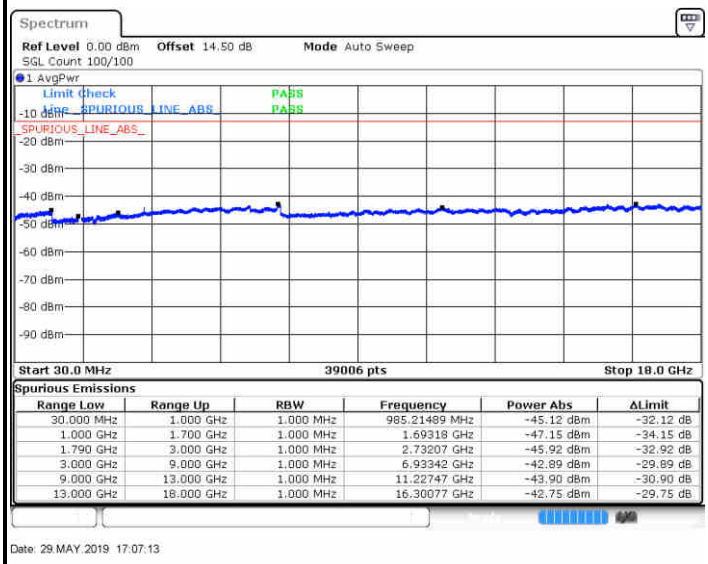

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 944.49525 MHz | -45.32 dBm | -32.32 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.67044 GHz | -47.55 dBm | -34.55 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.74982 GHz | -45.86 dBm | -32.86 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.95342 GHz | -43.00 dBm | -30.00 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 11.21297 GHz | -43.92 dBm | -30.92 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.30202 GHz | -42.67 dBm | -29.67 dB |

Date: 29.MAY.2019 16:55:40

## LTE Band 66 / 10MHz

### Lowest Channel / 64QAM

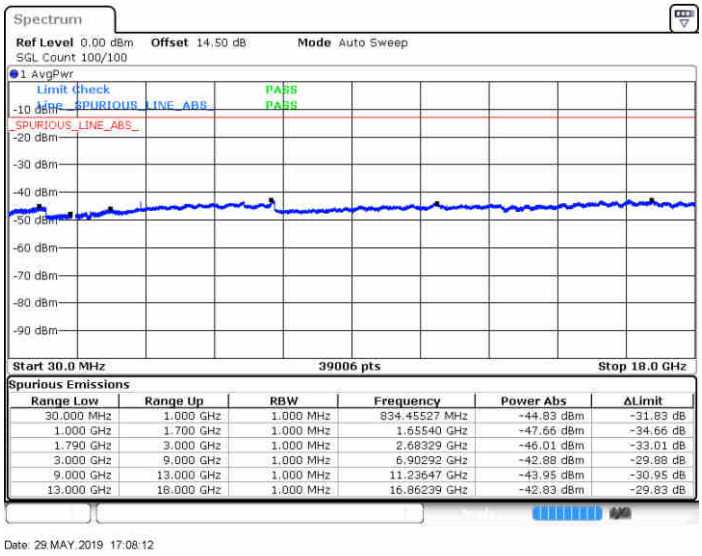



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 985.21489 MHz | -45.12 dBm | -32.12 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.69318 GHz | -47.15 dBm | -34.15 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.73207 GHz | -45.92 dBm | -32.92 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.93342 GHz | -42.89 dBm | -29.89 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 11.22747 GHz | -43.90 dBm | -30.90 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.30077 GHz | -42.75 dBm | -29.75 dB |

Date: 29.MAY.2019 17:07:13

### Middle Channel / 64QAM

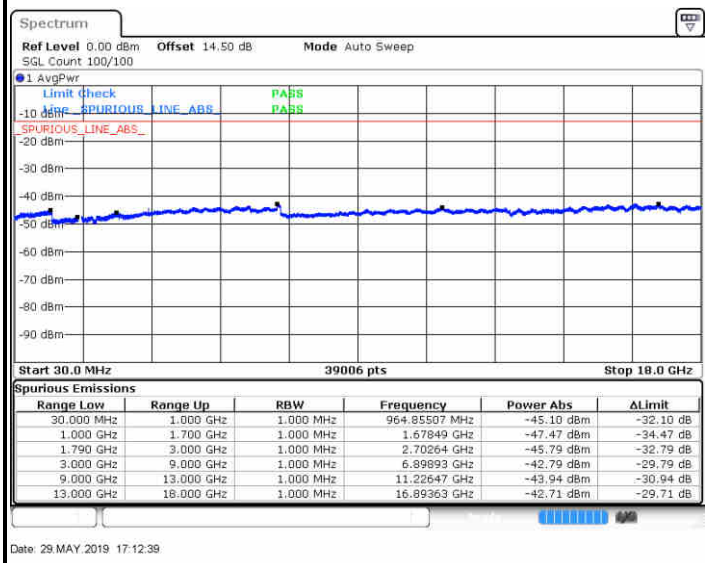



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 834.45527 MHz | -44.83 dBm | -31.83 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.65540 GHz | -47.66 dBm | -34.66 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.68329 GHz | -46.01 dBm | -33.01 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.90292 GHz | -42.88 dBm | -29.88 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 11.23647 GHz | -43.95 dBm | -30.95 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.86239 GHz | -42.83 dBm | -29.83 dB |

Date: 29.MAY.2019 17:08:12

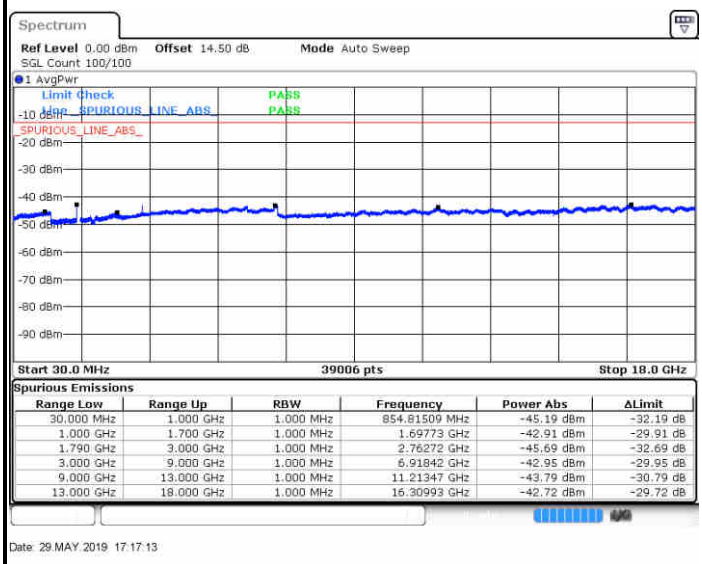
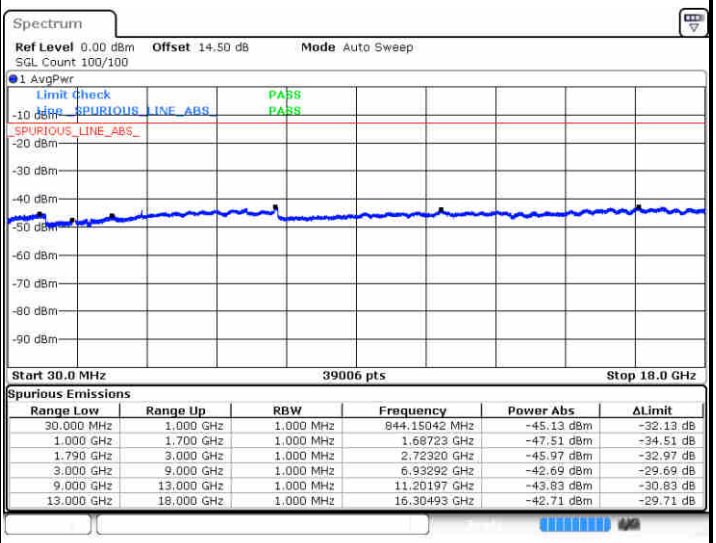
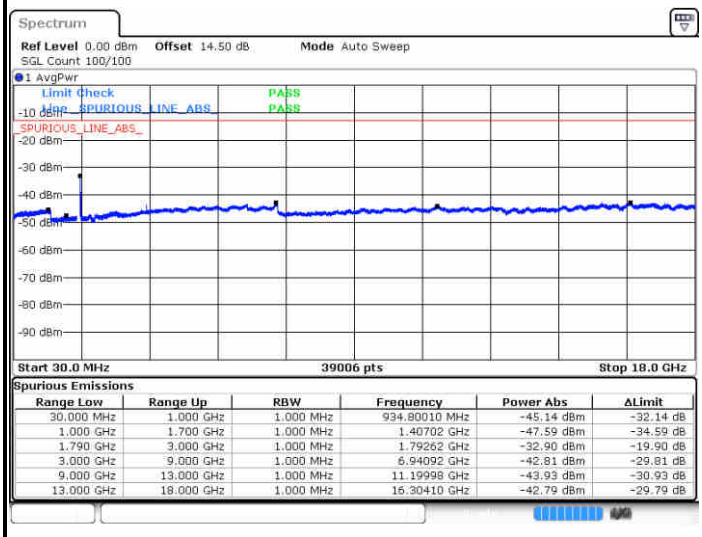
### Highest Channel / 64QAM




Spurious Emissions

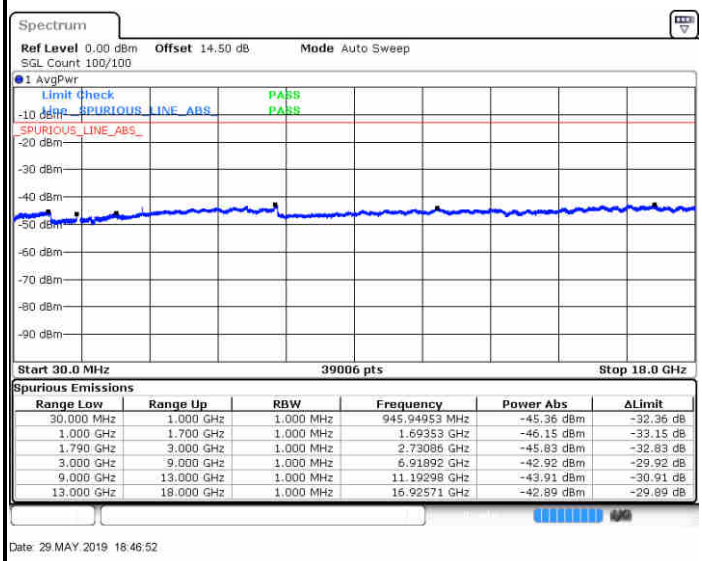
| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 1.000 GHz | 1.000 MHz | 964.85507 MHz | -45.10 dBm | -32.10 dB |
| 1.000 GHz | 1.700 GHz | 1.000 MHz | 1.67849 GHz | -47.47 dBm | -34.47 dB |
| 1.790 GHz | 3.000 GHz | 1.000 MHz | 2.70264 GHz | -45.79 dBm | -32.79 dB |
| 3.000 GHz | 9.000 GHz | 1.000 MHz | 6.89893 GHz | -42.79 dBm | -29.79 dB |
| 9.000 GHz | 13.000 GHz | 1.000 MHz | 11.22647 GHz | -43.94 dBm | -30.94 dB |
| 13.000 GHz | 18.000 GHz | 1.000 MHz | 16.89363 GHz | -42.71 dBm | -29.71 dB |

Date: 29.MAY.2019 17:12:39

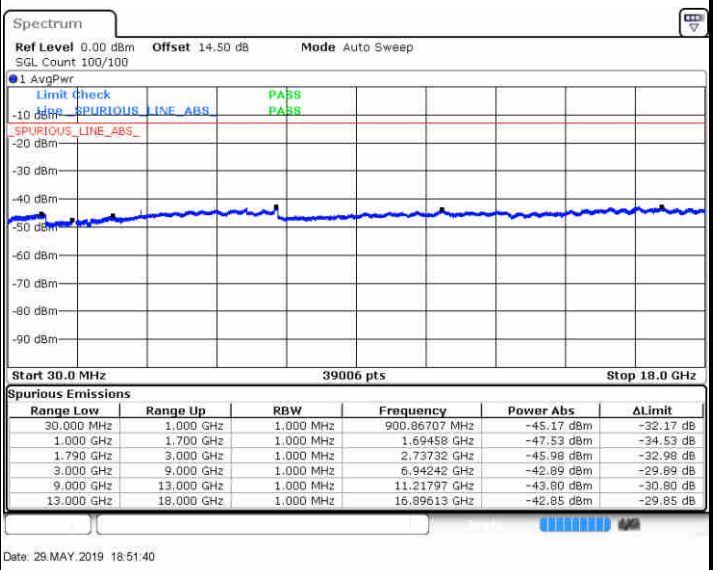
| LTE Band 66 / 15MHz | |
|---|---|
| **Lowest Channel / 64QAM** | **Middle Channel / 64QAM** |
|  |  |
| **Highest Channel / 64QAM** | |
|  | |

## LTE Band 66 / 20MHz

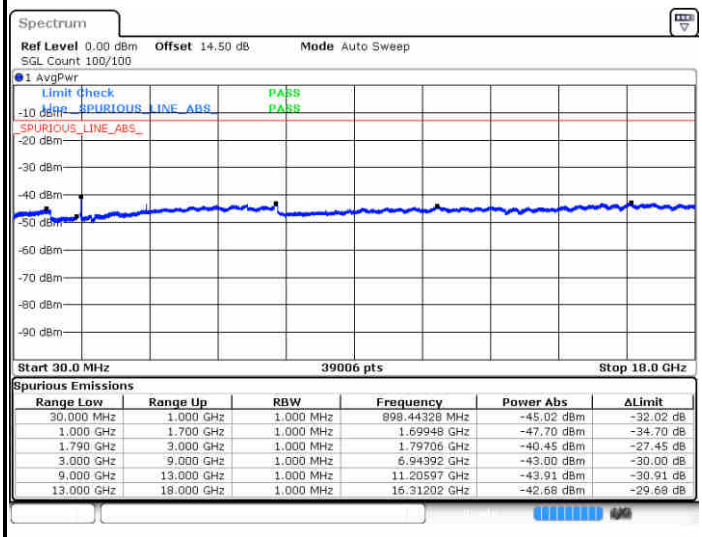
### Lowest Channel / 64QAM




### Middle Channel / 64QAM

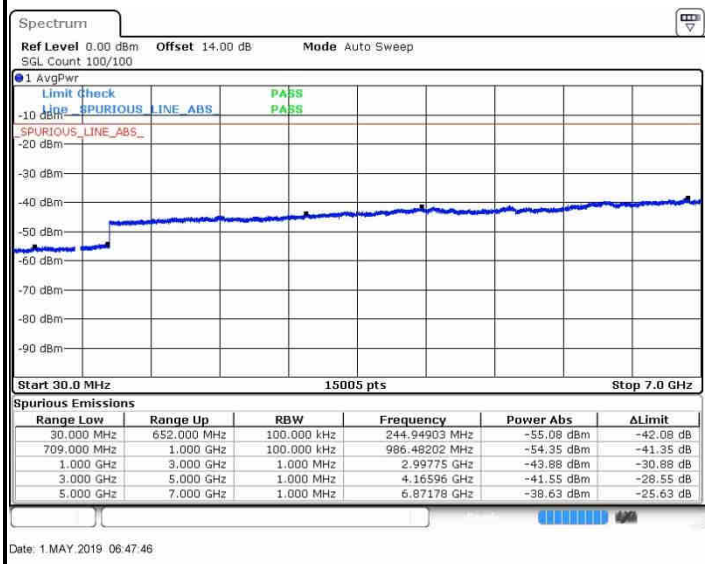



### Highest Channel / 64QAM

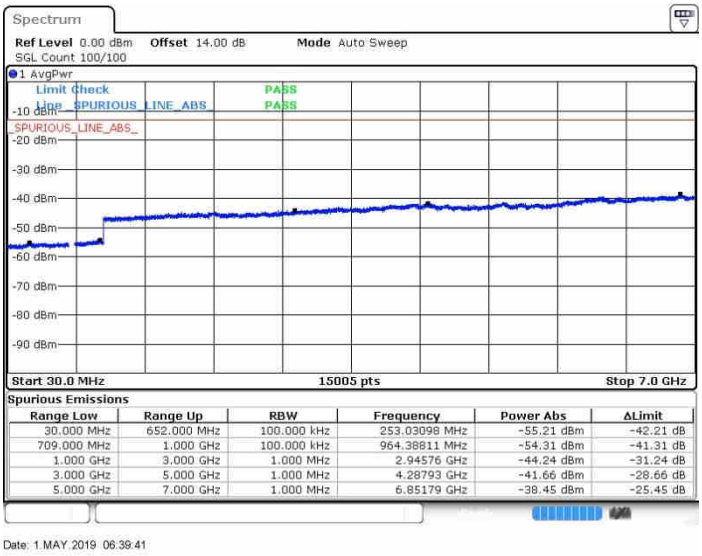


## LTE Band 71 / 5MHz

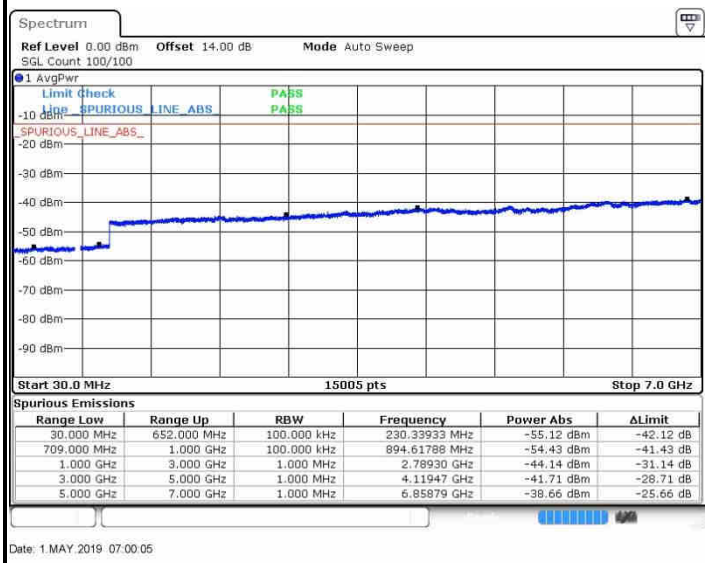
### Lowest Channel / QPSK



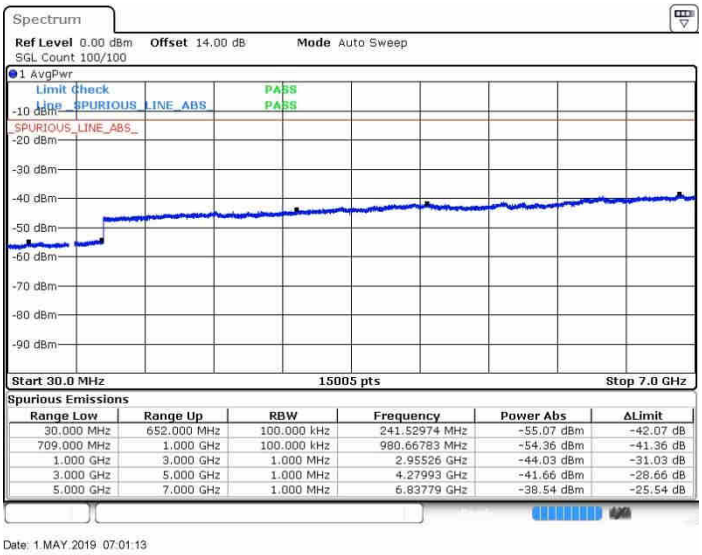

### Lowest Channel / 16QAM




### Middle Channel / QPSK

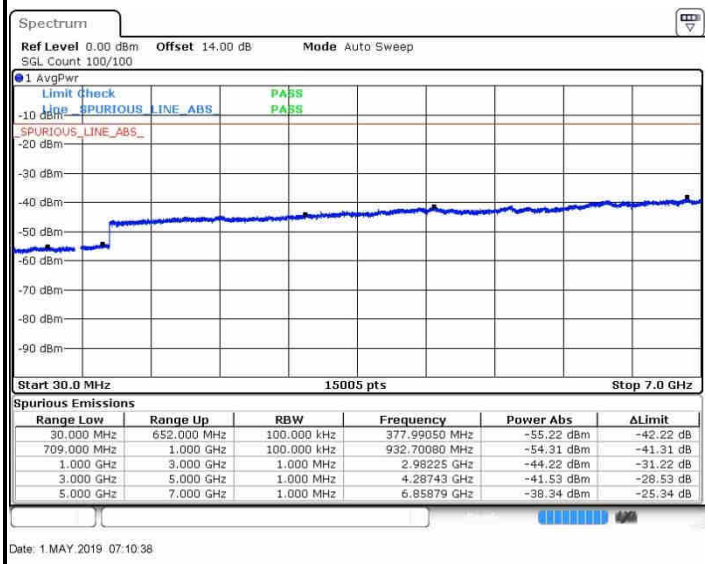



### Middle Channel / 16QAM



## LTE Band 71 / 5MHz

### Highest Channel / QPSK

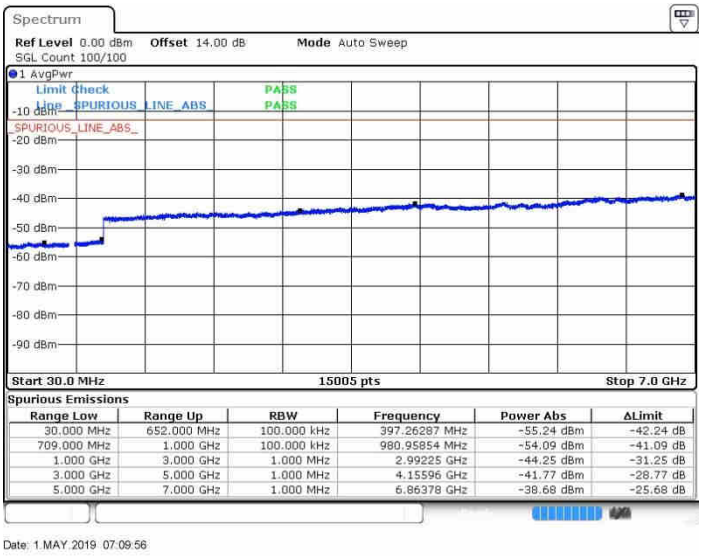



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 652.000 MHz | 100.000 kHz | 377.99050 MHz | -55.22 dBm | -42.22 dB |
| 709.000 MHz | 1.000 GHz | 100.000 kHz | 932.70080 MHz | -54.31 dBm | -41.31 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.98225 GHz | -44.22 dBm | -31.22 dB |
| 3.000 GHz | 5.000 GHz | 1.000 MHz | 4.28743 GHz | -41.53 dBm | -28.53 dB |
| 5.000 GHz | 7.000 GHz | 1.000 MHz | 6.85879 GHz | -38.34 dBm | -25.34 dB |

Date: 1.MAY.2019 07:10:38

### Highest Channel / 16QAM



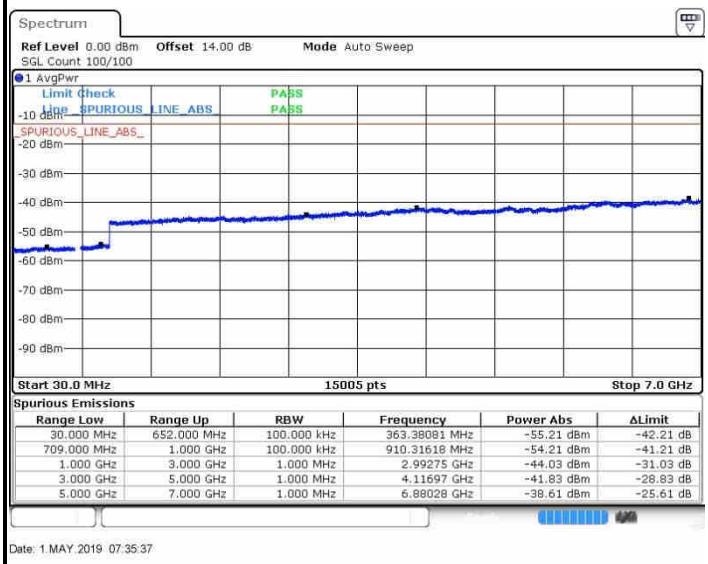

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 652.000 MHz | 100.000 kHz | 397.26287 MHz | -55.24 dBm | -42.24 dB |
| 709.000 MHz | 1.000 GHz | 100.000 kHz | 980.95854 MHz | -54.09 dBm | -41.09 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.99225 GHz | -44.25 dBm | -31.25 dB |
| 3.000 GHz | 5.000 GHz | 1.000 MHz | 4.15596 GHz | -41.77 dBm | -28.77 dB |
| 5.000 GHz | 7.000 GHz | 1.000 MHz | 6.86378 GHz | -38.68 dBm | -25.68 dB |

Date: 1.MAY.2019 07:09:56

## LTE Band 71 / 10MHz

### Lowest Channel / QPSK

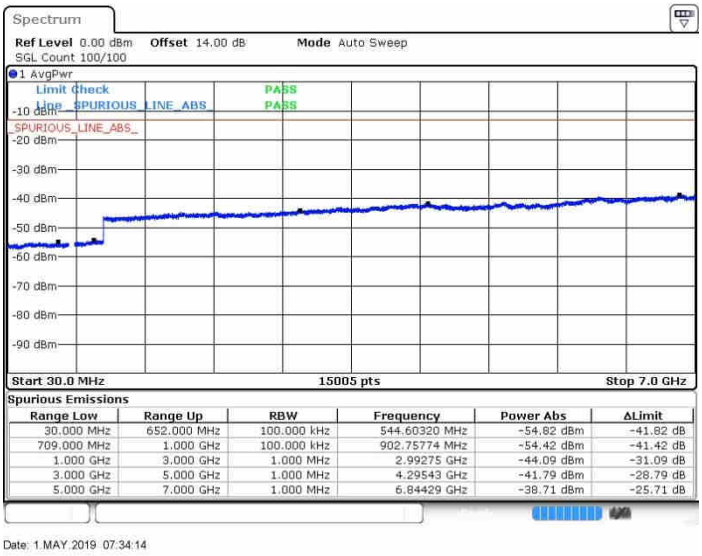



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 652.000 MHz | 100.000 kHz | 363.38081 MHz | -55.21 dBm | -42.21 dB |
| 709.000 MHz | 1.000 GHz | 100.000 kHz | 910.31618 MHz | -54.21 dBm | -41.21 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.99275 GHz | -44.03 dBm | -31.03 dB |
| 3.000 GHz | 5.000 GHz | 1.000 MHz | 4.11697 GHz | -41.83 dBm | -28.83 dB |
| 5.000 GHz | 7.000 GHz | 1.000 MHz | 6.88028 GHz | -38.61 dBm | -25.61 dB |

Date: 1.MAY.2019 07:35:37

### Lowest Channel / 16QAM



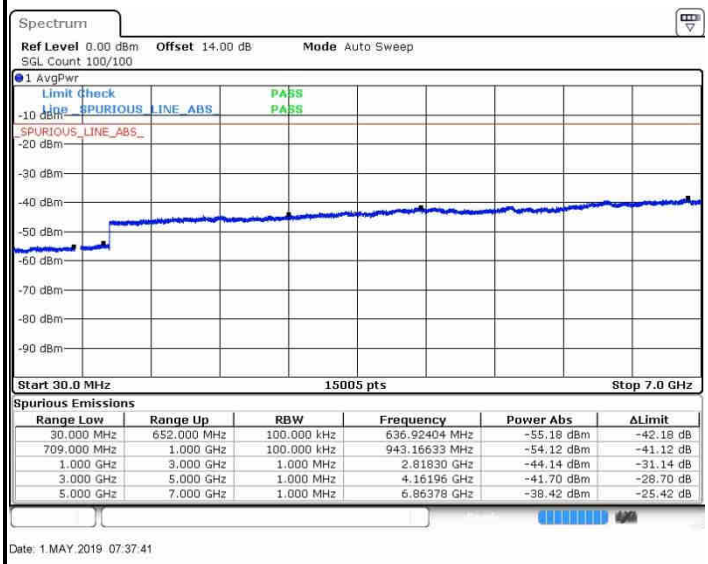

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 652.000 MHz | 100.000 kHz | 544.60320 MHz | -54.82 dBm | -41.82 dB |
| 709.000 MHz | 1.000 GHz | 100.000 kHz | 902.75774 MHz | -54.42 dBm | -41.42 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.99275 GHz | -44.09 dBm | -31.09 dB |
| 3.000 GHz | 5.000 GHz | 1.000 MHz | 4.29543 GHz | -41.79 dBm | -28.79 dB |
| 5.000 GHz | 7.000 GHz | 1.000 MHz | 6.84429 GHz | -38.71 dBm | -25.71 dB |

Date: 1.MAY.2019 07:34:14

## LTE Band 71 / 10MHz

### Middle Channel / QPSK

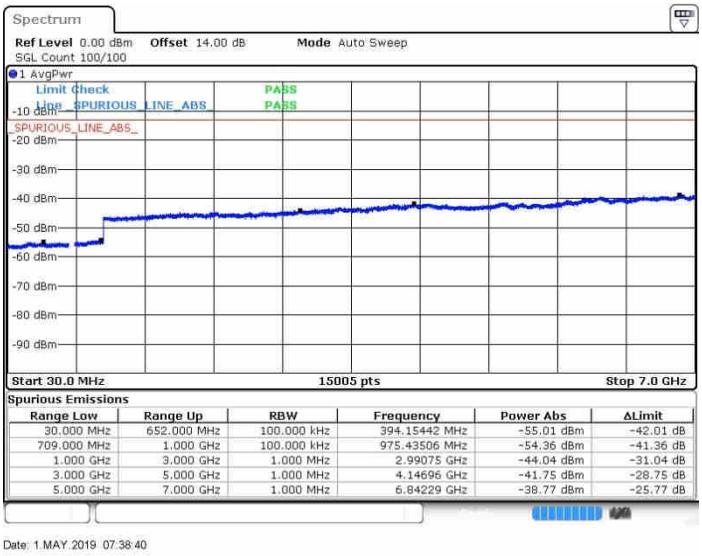



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 652.000 MHz | 100.000 kHz | 636.92404 MHz | -55.18 dBm | -42.18 dB |
| 709.000 MHz | 1.000 GHz | 100.000 kHz | 943.16633 MHz | -54.12 dBm | -41.12 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.81830 GHz | -44.14 dBm | -31.14 dB |
| 3.000 GHz | 5.000 GHz | 1.000 MHz | 4.16196 GHz | -41.70 dBm | -28.70 dB |
| 5.000 GHz | 7.000 GHz | 1.000 MHz | 6.86378 GHz | -38.42 dBm | -25.42 dB |

Date: 1.MAY.2019 07:37:41

### Middle Channel / 16QAM

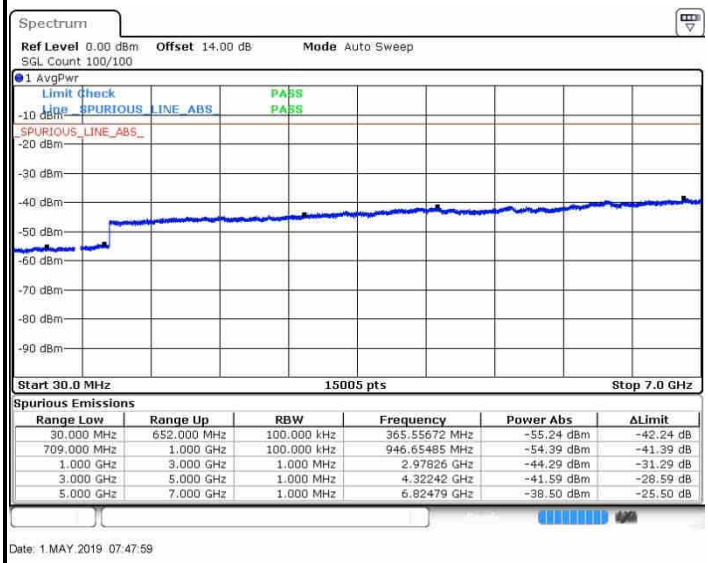



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 652.000 MHz | 100.000 kHz | 394.15442 MHz | -55.01 dBm | -42.01 dB |
| 709.000 MHz | 1.000 GHz | 100.000 kHz | 975.43506 MHz | -54.36 dBm | -41.36 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.99075 GHz | -44.04 dBm | -31.04 dB |
| 3.000 GHz | 5.000 GHz | 1.000 MHz | 4.14696 GHz | -41.75 dBm | -28.75 dB |
| 5.000 GHz | 7.000 GHz | 1.000 MHz | 6.84229 GHz | -38.77 dBm | -25.77 dB |

Date: 1.MAY.2019 07:38:40

### Highest Channel / QPSK

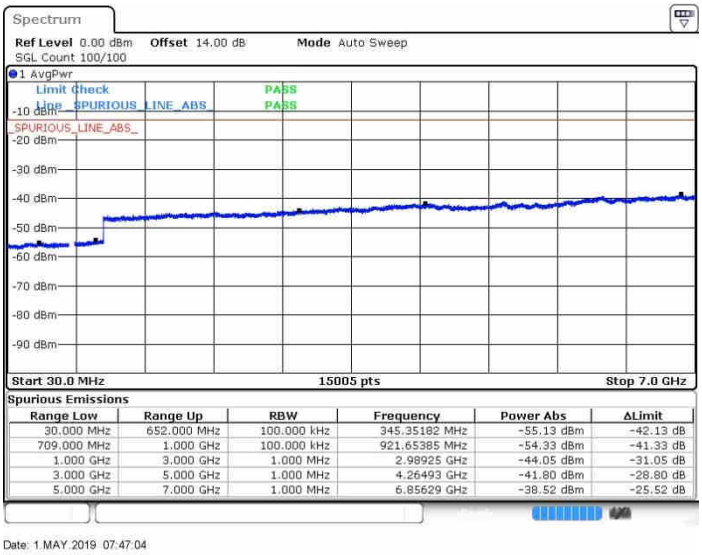



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 652.000 MHz | 100.000 kHz | 365.55672 MHz | -55.24 dBm | -42.24 dB |
| 709.000 MHz | 1.000 GHz | 100.000 kHz | 946.65485 MHz | -54.39 dBm | -41.39 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.97826 GHz | -44.29 dBm | -31.29 dB |
| 3.000 GHz | 5.000 GHz | 1.000 MHz | 4.32242 GHz | -41.59 dBm | -28.59 dB |
| 5.000 GHz | 7.000 GHz | 1.000 MHz | 6.82479 GHz | -38.50 dBm | -25.50 dB |

Date: 1.MAY.2019 07:47:59

### Highest Channel / 16QAM



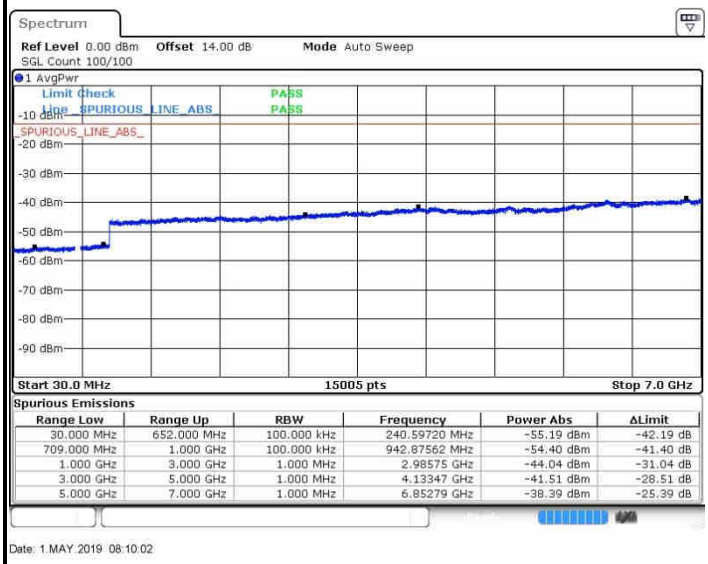

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 652.000 MHz | 100.000 kHz | 345.35182 MHz | -55.13 dBm | -42.13 dB |
| 709.000 MHz | 1.000 GHz | 100.000 kHz | 921.65385 MHz | -54.33 dBm | -41.33 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.98925 GHz | -44.05 dBm | -31.05 dB |
| 3.000 GHz | 5.000 GHz | 1.000 MHz | 4.26493 GHz | -41.80 dBm | -28.80 dB |
| 5.000 GHz | 7.000 GHz | 1.000 MHz | 6.85629 GHz | -38.52 dBm | -25.52 dB |

Date: 1.MAY.2019 07:47:04

## LTE Band 71 / 15MHz

### Lowest Channel / QPSK

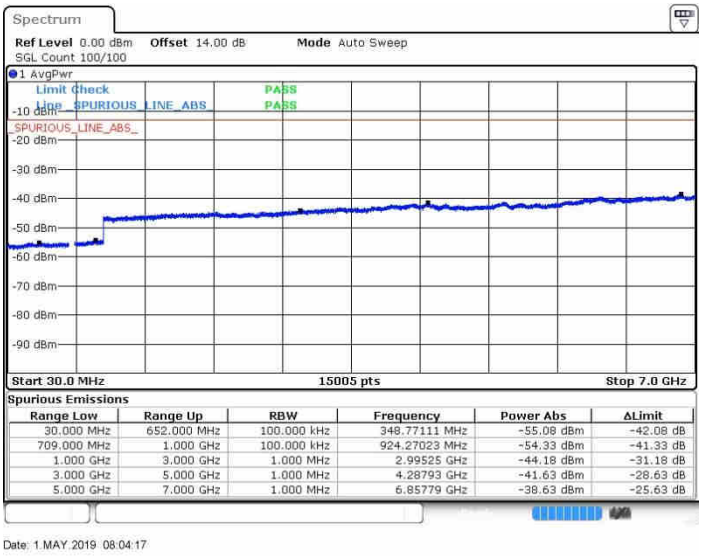



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 652.000 MHz | 100.000 kHz | 240.59720 MHz | -55.19 dBm | -42.19 dB |
| 709.000 MHz | 1.000 GHz | 100.000 kHz | 942.87562 MHz | -54.40 dBm | -41.40 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.98575 GHz | -44.04 dBm | -31.04 dB |
| 3.000 GHz | 5.000 GHz | 1.000 MHz | 4.13347 GHz | -41.51 dBm | -28.51 dB |
| 5.000 GHz | 7.000 GHz | 1.000 MHz | 6.85279 GHz | -38.39 dBm | -25.39 dB |

Date: 1.MAY.2019 08:10:02

### Lowest Channel / 16QAM

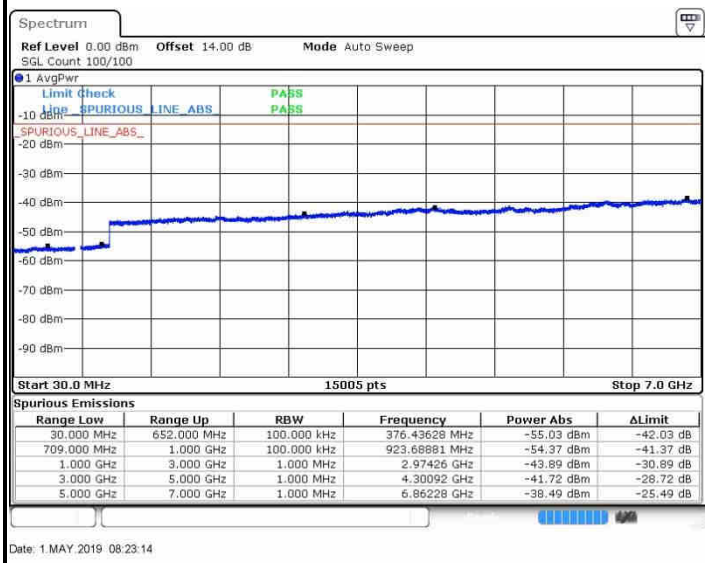



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 652.000 MHz | 100.000 kHz | 348.77111 MHz | -55.08 dBm | -42.08 dB |
| 709.000 MHz | 1.000 GHz | 100.000 kHz | 924.27023 MHz | -54.33 dBm | -41.33 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.99525 GHz | -44.18 dBm | -31.18 dB |
| 3.000 GHz | 5.000 GHz | 1.000 MHz | 4.28793 GHz | -41.63 dBm | -28.63 dB |
| 5.000 GHz | 7.000 GHz | 1.000 MHz | 6.85779 GHz | -38.63 dBm | -25.63 dB |

Date: 1.MAY.2019 08:04:17

### Middle Channel / QPSK

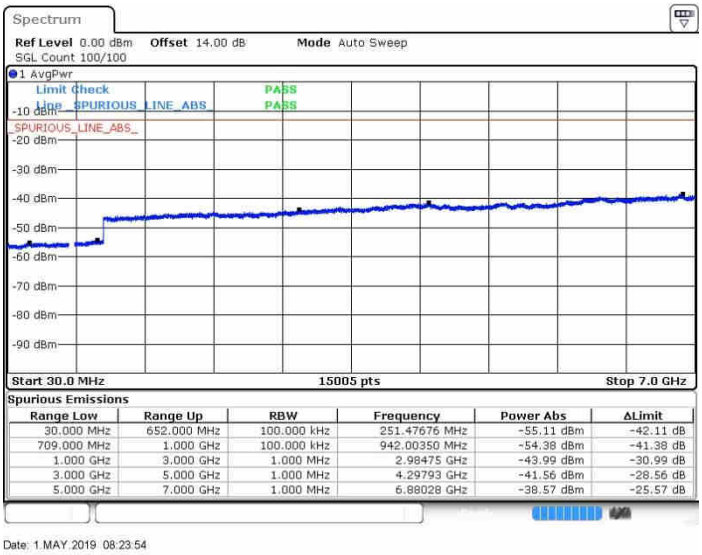



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 652.000 MHz | 100.000 kHz | 376.43628 MHz | -55.03 dBm | -42.03 dB |
| 709.000 MHz | 1.000 GHz | 100.000 kHz | 923.68881 MHz | -54.37 dBm | -41.37 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.97426 GHz | -43.89 dBm | -30.89 dB |
| 3.000 GHz | 5.000 GHz | 1.000 MHz | 4.30092 GHz | -41.72 dBm | -28.72 dB |
| 5.000 GHz | 7.000 GHz | 1.000 MHz | 6.86228 GHz | -38.49 dBm | -25.49 dB |

Date: 1.MAY.2019 08:23:14

### Middle Channel / 16QAM



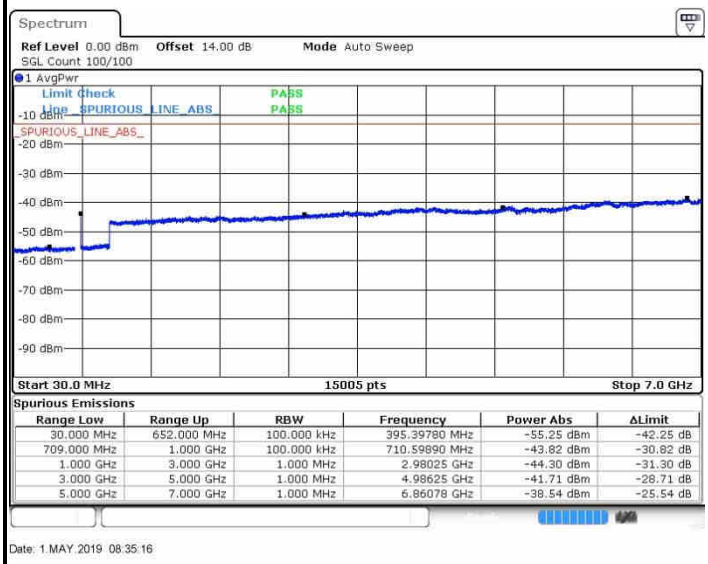

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 652.000 MHz | 100.000 kHz | 251.47676 MHz | -55.11 dBm | -42.11 dB |
| 709.000 MHz | 1.000 GHz | 100.000 kHz | 942.00350 MHz | -54.38 dBm | -41.38 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.98475 GHz | -43.99 dBm | -30.99 dB |
| 3.000 GHz | 5.000 GHz | 1.000 MHz | 4.29793 GHz | -41.56 dBm | -28.56 dB |
| 5.000 GHz | 7.000 GHz | 1.000 MHz | 6.88028 GHz | -38.57 dBm | -25.57 dB |

Date: 1.MAY.2019 08:23:54

## LTE Band71 / 15MHz

### Highest Channel / QPSK

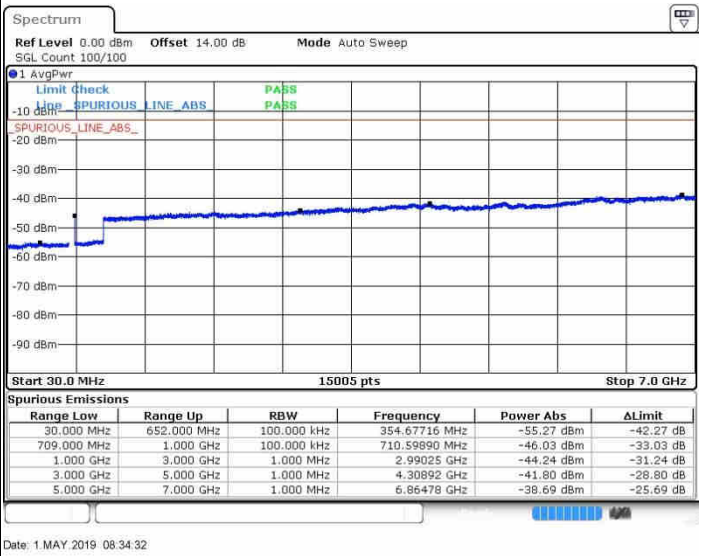



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 652.000 MHz | 100.000 kHz | 395.39780 MHz | -55.25 dBm | -42.25 dB |
| 709.000 MHz | 1.000 GHz | 100.000 kHz | 710.59890 MHz | -43.82 dBm | -30.82 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.98025 GHz | -44.30 dBm | -31.30 dB |
| 3.000 GHz | 5.000 GHz | 1.000 MHz | 4.98625 GHz | -41.71 dBm | -28.71 dB |
| 5.000 GHz | 7.000 GHz | 1.000 MHz | 6.86078 GHz | -38.54 dBm | -25.54 dB |

Date: 1.MAY.2019 08:35:16

### Highest Channel / 16QAM



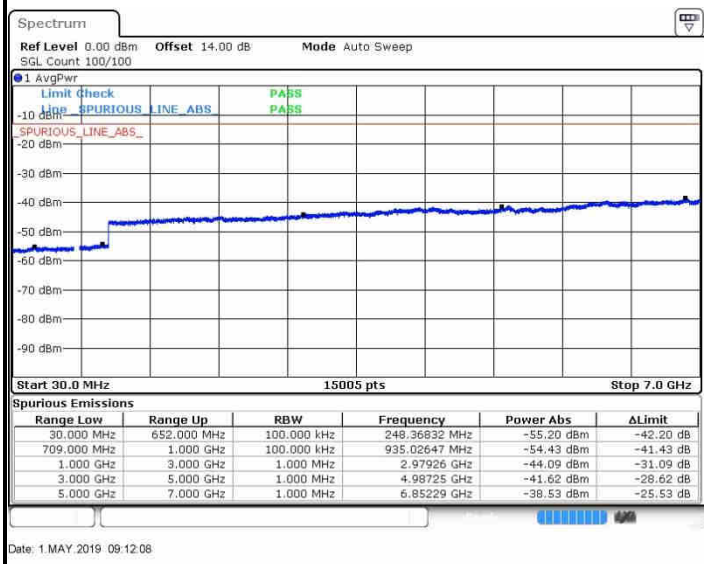

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 652.000 MHz | 100.000 kHz | 354.67716 MHz | -55.27 dBm | -42.27 dB |
| 709.000 MHz | 1.000 GHz | 100.000 kHz | 710.59890 MHz | -46.03 dBm | -33.03 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.99025 GHz | -44.24 dBm | -31.24 dB |
| 3.000 GHz | 5.000 GHz | 1.000 MHz | 4.30892 GHz | -41.80 dBm | -28.80 dB |
| 5.000 GHz | 7.000 GHz | 1.000 MHz | 6.86478 GHz | -38.69 dBm | -25.69 dB |

Date: 1.MAY.2019 08:34:32

## LTE Band 71 / 20MHz

### Lowest Channel / QPSK

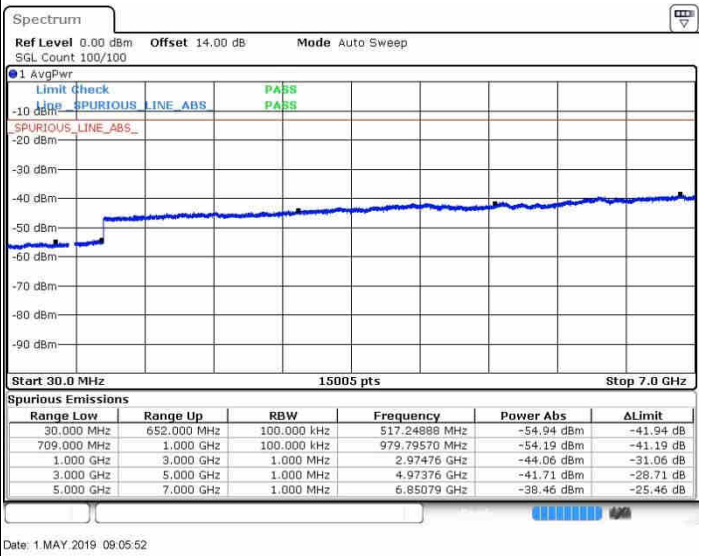



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 652.000 MHz | 100.000 kHz | 248.36832 MHz | -55.20 dBm | -42.20 dB |
| 709.000 MHz | 1.000 GHz | 100.000 kHz | 935.02647 MHz | -54.43 dBm | -41.43 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.97926 GHz | -44.09 dBm | -31.09 dB |
| 3.000 GHz | 5.000 GHz | 1.000 MHz | 4.98725 GHz | -41.62 dBm | -28.62 dB |
| 5.000 GHz | 7.000 GHz | 1.000 MHz | 6.85229 GHz | -38.53 dBm | -25.53 dB |

Date: 1.MAY.2019 09:12:08

### Lowest Channel / 16QAM



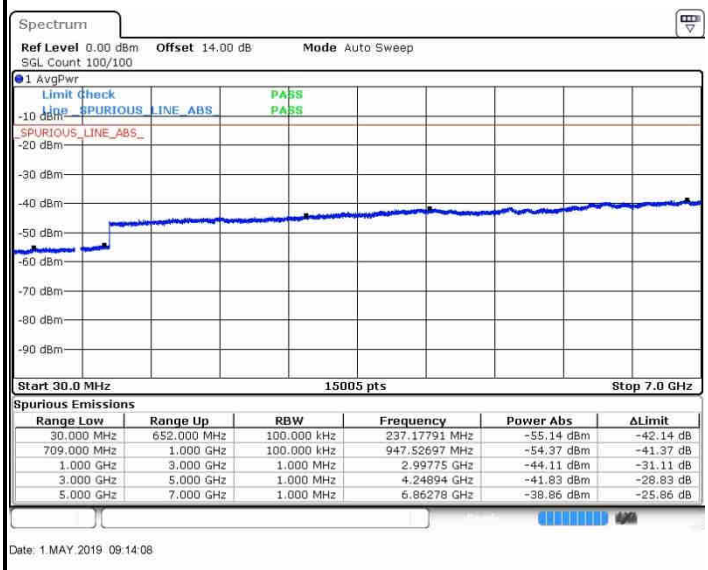

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 652.000 MHz | 100.000 kHz | 517.24888 MHz | -54.94 dBm | -41.94 dB |
| 709.000 MHz | 1.000 GHz | 100.000 kHz | 979.79570 MHz | -54.19 dBm | -41.19 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.97476 GHz | -44.06 dBm | -31.06 dB |
| 3.000 GHz | 5.000 GHz | 1.000 MHz | 4.97376 GHz | -41.71 dBm | -28.71 dB |
| 5.000 GHz | 7.000 GHz | 1.000 MHz | 6.85079 GHz | -38.46 dBm | -25.46 dB |

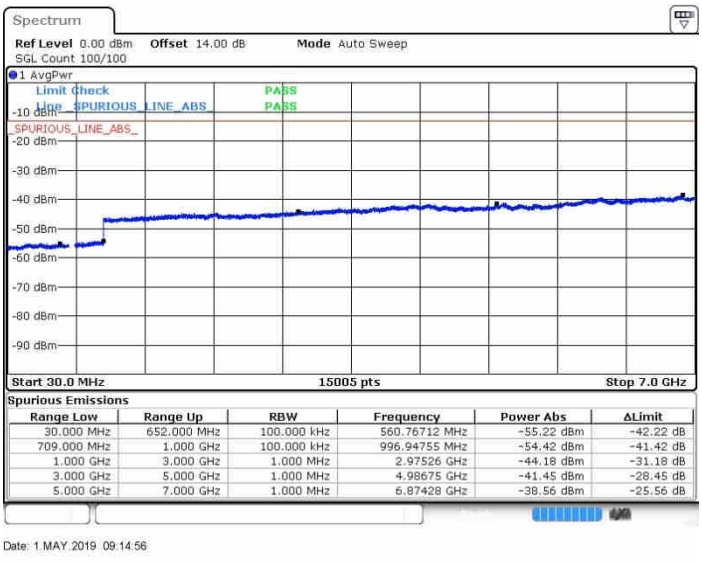
Date: 1.MAY.2019 09:05:52

## LTE Band 71 / 20MHz

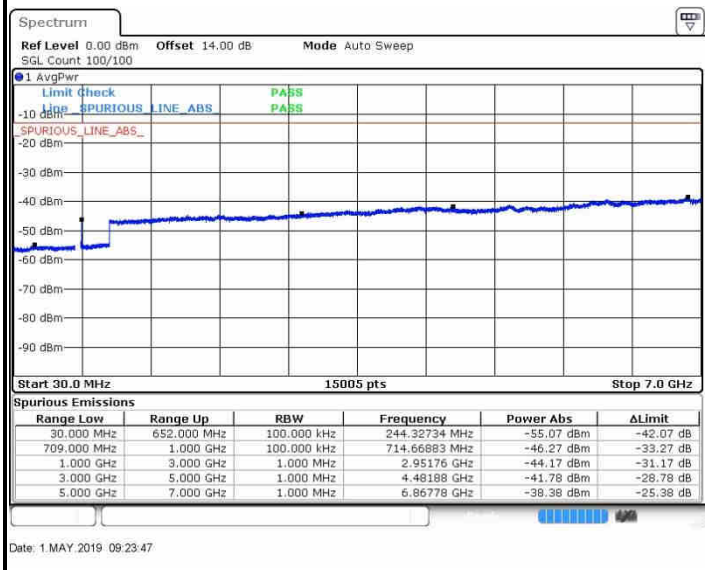
### Middle Channel / QPSK



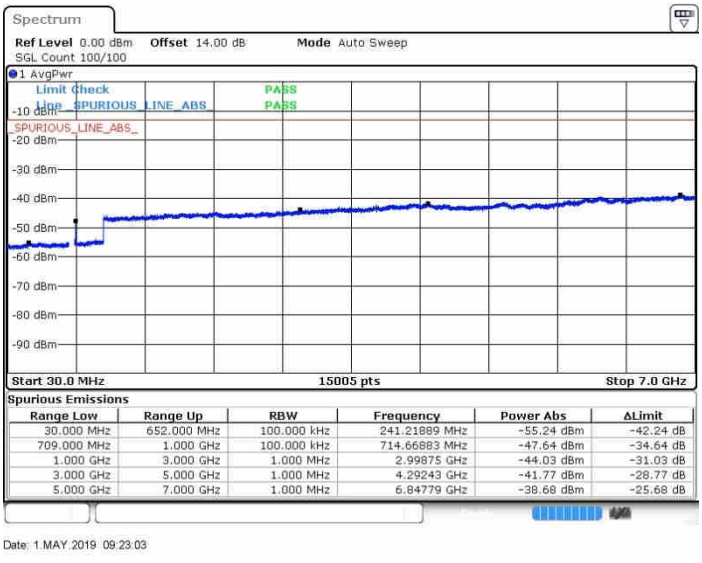

### Middle Channel / 16QAM




### Highest Channel / QPSK

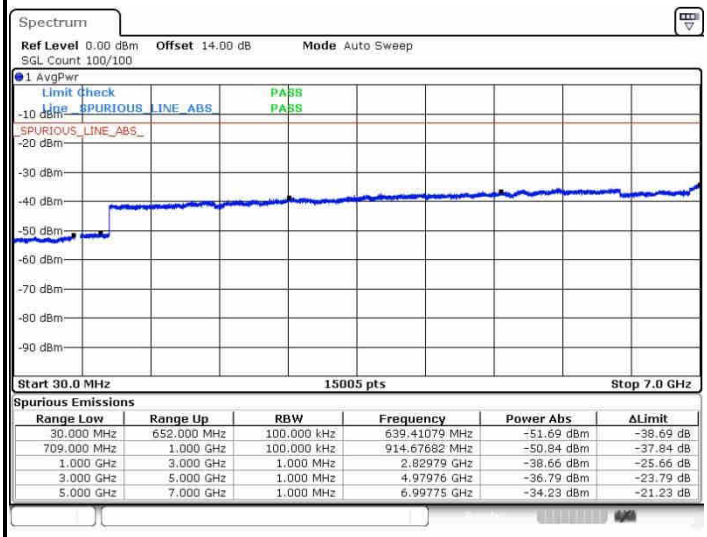



### Highest Channel / 16QAM



## LTE Band 71 / 5MHz

### Lowest Channel / 64QAM

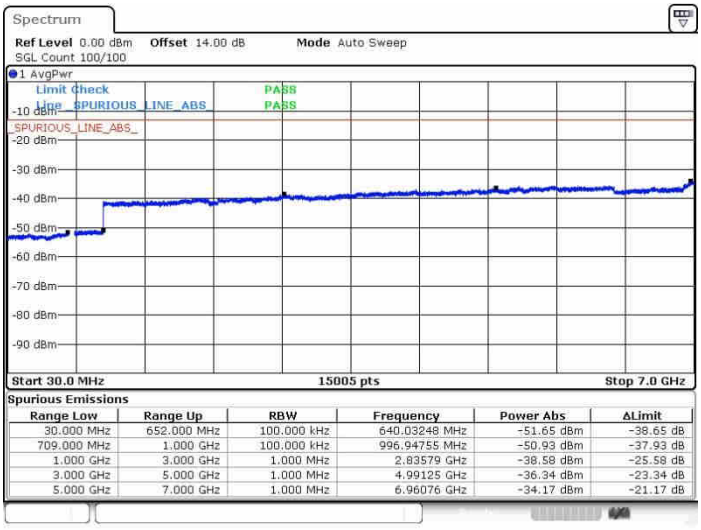



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 652.000 MHz | 100.000 kHz | 639.41079 MHz | -51.69 dBm | -38.69 dB |
| 709.000 MHz | 1.000 GHz | 100.000 kHz | 914.67682 MHz | -50.84 dBm | -37.84 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.82979 GHz | -38.66 dBm | -25.66 dB |
| 3.000 GHz | 5.000 GHz | 1.000 MHz | 4.97976 GHz | -36.79 dBm | -23.79 dB |
| 5.000 GHz | 7.000 GHz | 1.000 MHz | 6.99775 GHz | -34.23 dBm | -21.23 dB |

Date: 29.MAY.2019 20:53:38

### Middle Channel / 64QAM

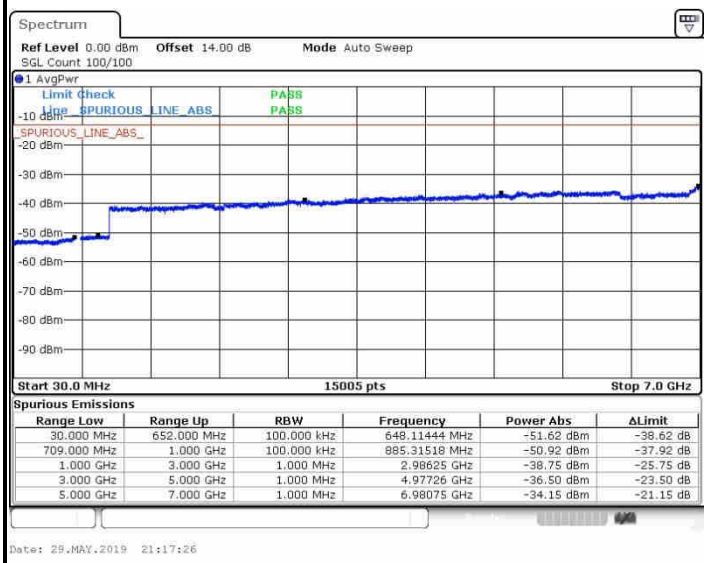



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 652.000 MHz | 100.000 kHz | 640.03248 MHz | -51.65 dBm | -38.65 dB |
| 709.000 MHz | 1.000 GHz | 100.000 kHz | 996.94755 MHz | -50.93 dBm | -37.93 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.83579 GHz | -38.58 dBm | -25.58 dB |
| 3.000 GHz | 5.000 GHz | 1.000 MHz | 4.99125 GHz | -36.34 dBm | -23.34 dB |
| 5.000 GHz | 7.000 GHz | 1.000 MHz | 6.96076 GHz | -34.17 dBm | -21.17 dB |

Date: 29.MAY.2019 20:55:06

### Highest Channel / 64QAM



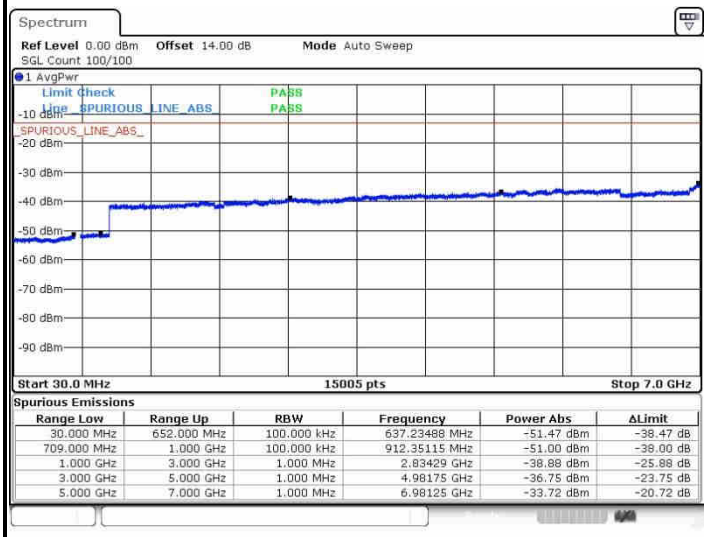

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 652.000 MHz | 100.000 kHz | 648.11444 MHz | -51.62 dBm | -38.62 dB |
| 709.000 MHz | 1.000 GHz | 100.000 kHz | 885.31518 MHz | -50.92 dBm | -37.92 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.98625 GHz | -38.75 dBm | -25.75 dB |
| 3.000 GHz | 5.000 GHz | 1.000 MHz | 4.97726 GHz | -36.50 dBm | -23.50 dB |
| 5.000 GHz | 7.000 GHz | 1.000 MHz | 6.98075 GHz | -34.15 dBm | -21.15 dB |

Date: 29.MAY.2019 21:17:26

## LTE Band 71 / 10MHz

### Lowest Channel / 64QAM

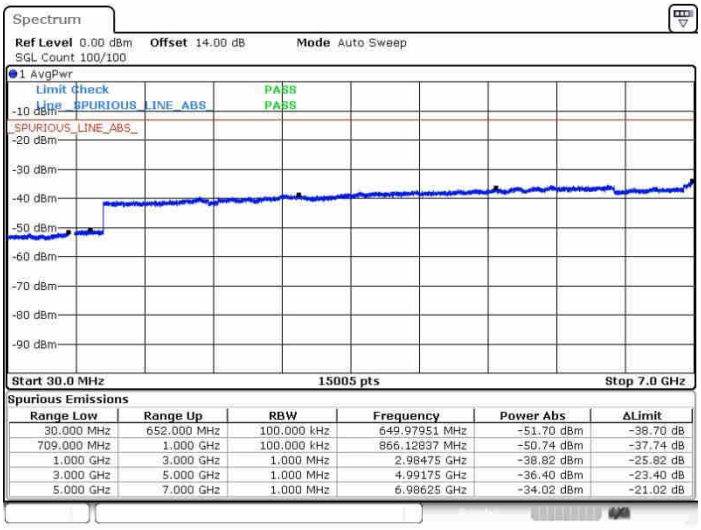



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 652.000 MHz | 100.000 kHz | 637.23488 MHz | -51.47 dBm | -38.47 dB |
| 709.000 MHz | 1.000 GHz | 100.000 kHz | 912.35115 MHz | -51.00 dBm | -38.00 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.83429 GHz | -38.88 dBm | -25.88 dB |
| 3.000 GHz | 5.000 GHz | 1.000 MHz | 4.98175 GHz | -36.75 dBm | -23.75 dB |
| 5.000 GHz | 7.000 GHz | 1.000 MHz | 6.98125 GHz | -33.72 dBm | -20.72 dB |

Date: 29.MAY.2019 21:21:55

### Middle Channel / 64QAM

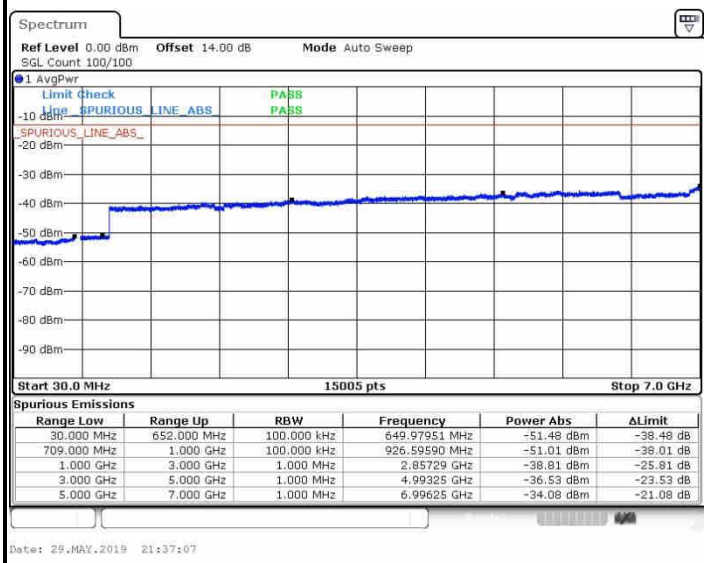



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 652.000 MHz | 100.000 kHz | 649.97951 MHz | -51.70 dBm | -38.70 dB |
| 709.000 MHz | 1.000 GHz | 100.000 kHz | 866.12837 MHz | -50.74 dBm | -37.74 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.98475 GHz | -38.82 dBm | -25.82 dB |
| 3.000 GHz | 5.000 GHz | 1.000 MHz | 4.99175 GHz | -36.40 dBm | -23.40 dB |
| 5.000 GHz | 7.000 GHz | 1.000 MHz | 6.98625 GHz | -34.02 dBm | -21.02 dB |

Date: 29.MAY.2019 21:25:04

### Highest Channel / 64QAM



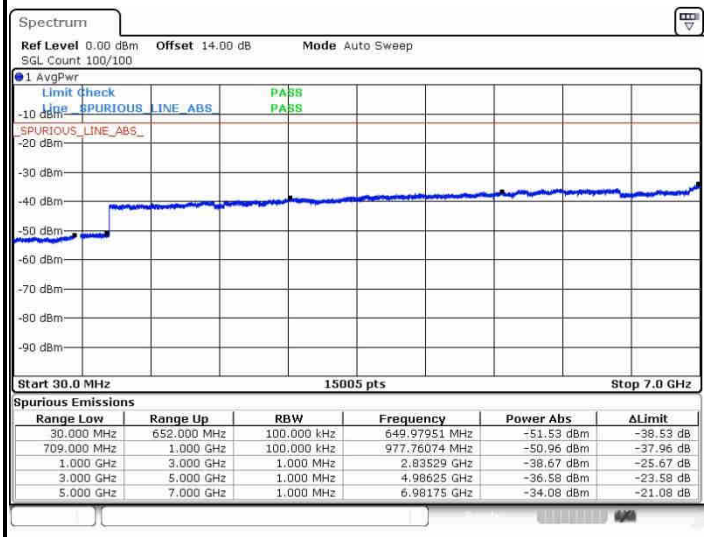

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 652.000 MHz | 100.000 kHz | 649.97951 MHz | -51.48 dBm | -38.48 dB |
| 709.000 MHz | 1.000 GHz | 100.000 kHz | 926.59590 MHz | -51.01 dBm | -38.01 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.85729 GHz | -38.81 dBm | -25.81 dB |
| 3.000 GHz | 5.000 GHz | 1.000 MHz | 4.99325 GHz | -36.53 dBm | -23.53 dB |
| 5.000 GHz | 7.000 GHz | 1.000 MHz | 6.99625 GHz | -34.08 dBm | -21.08 dB |

Date: 29.MAY.2019 21:37:07

## LTE Band 71 / 15MHz

### Lowest Channel / 64QAM

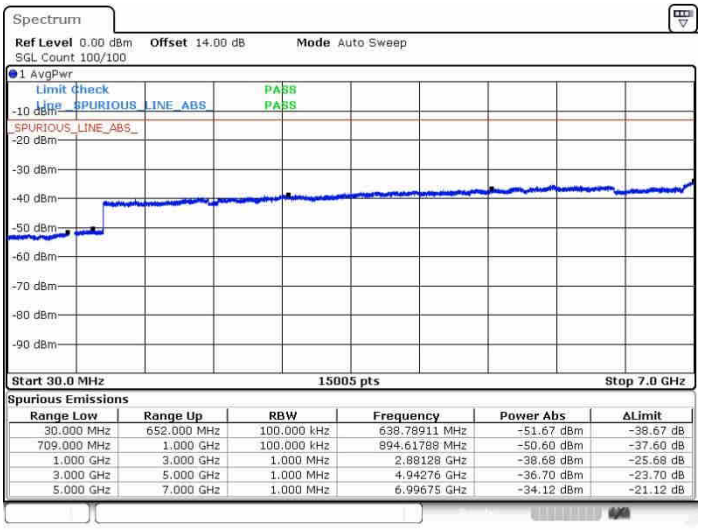



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 652.000 MHz | 100.000 kHz | 649.97951 MHz | -51.53 dBm | -38.53 dB |
| 709.000 MHz | 1.000 GHz | 100.000 kHz | 977.76074 MHz | -50.96 dBm | -37.96 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.83529 GHz | -38.67 dBm | -25.67 dB |
| 3.000 GHz | 5.000 GHz | 1.000 MHz | 4.98625 GHz | -36.58 dBm | -23.58 dB |
| 5.000 GHz | 7.000 GHz | 1.000 MHz | 6.98175 GHz | -34.08 dBm | -21.08 dB |

Date: 29.MAY.2019 22:02:08

### Middle Channel / 64QAM

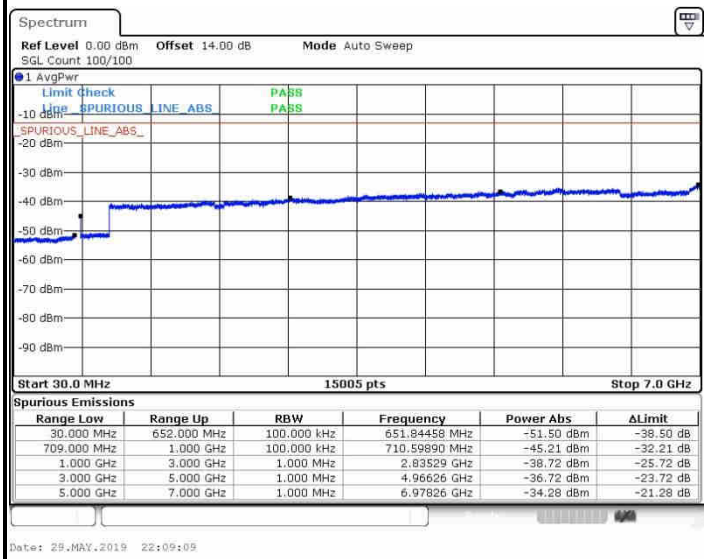



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 652.000 MHz | 100.000 kHz | 638.78911 MHz | -51.67 dBm | -38.67 dB |
| 709.000 MHz | 1.000 GHz | 100.000 kHz | 894.61788 MHz | -50.60 dBm | -37.60 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.88128 GHz | -38.68 dBm | -25.68 dB |
| 3.000 GHz | 5.000 GHz | 1.000 MHz | 4.94276 GHz | -36.70 dBm | -23.70 dB |
| 5.000 GHz | 7.000 GHz | 1.000 MHz | 6.99675 GHz | -34.12 dBm | -21.12 dB |

Date: 29.MAY.2019 22:00:44

### Highest Channel / 64QAM



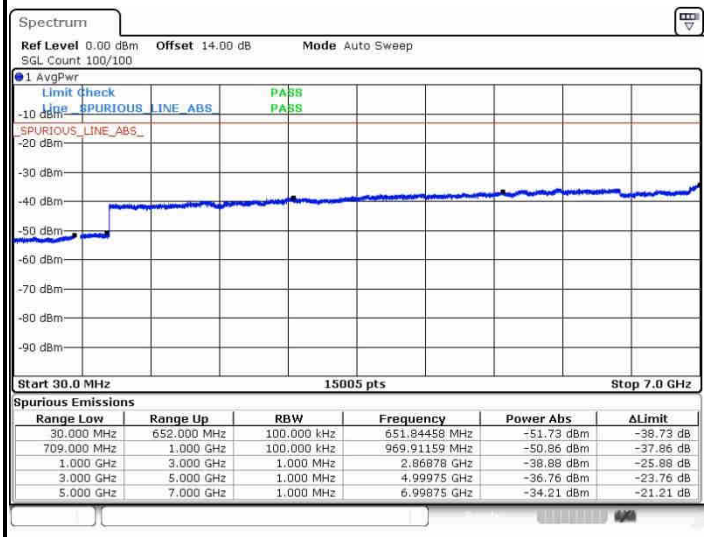

Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 652.000 MHz | 100.000 kHz | 651.84458 MHz | -51.50 dBm | -38.50 dB |
| 709.000 MHz | 1.000 GHz | 100.000 kHz | 710.59890 MHz | -45.21 dBm | -32.21 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.83529 GHz | -38.72 dBm | -25.72 dB |
| 3.000 GHz | 5.000 GHz | 1.000 MHz | 4.96626 GHz | -36.72 dBm | -23.72 dB |
| 5.000 GHz | 7.000 GHz | 1.000 MHz | 6.97826 GHz | -34.28 dBm | -21.28 dB |

Date: 29.MAY.2019 22:09:09

## LTE Band 71 / 20MHz

### Lowest Channel / 64QAM

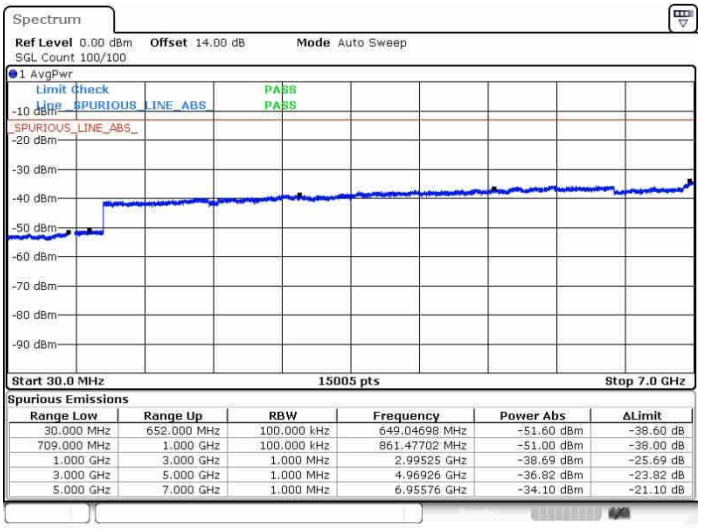



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 652.000 MHz | 100.000 kHz | 651.84458 MHz | -51.73 dBm | -38.73 dB |
| 709.000 MHz | 1.000 GHz | 100.000 kHz | 969.91159 MHz | -50.86 dBm | -37.86 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.86878 GHz | -38.88 dBm | -25.88 dB |
| 3.000 GHz | 5.000 GHz | 1.000 MHz | 4.99975 GHz | -36.76 dBm | -23.76 dB |
| 5.000 GHz | 7.000 GHz | 1.000 MHz | 6.99875 GHz | -34.21 dBm | -21.21 dB |

Date: 29.MAY.2019 22:20:37

### Middle Channel / 64QAM

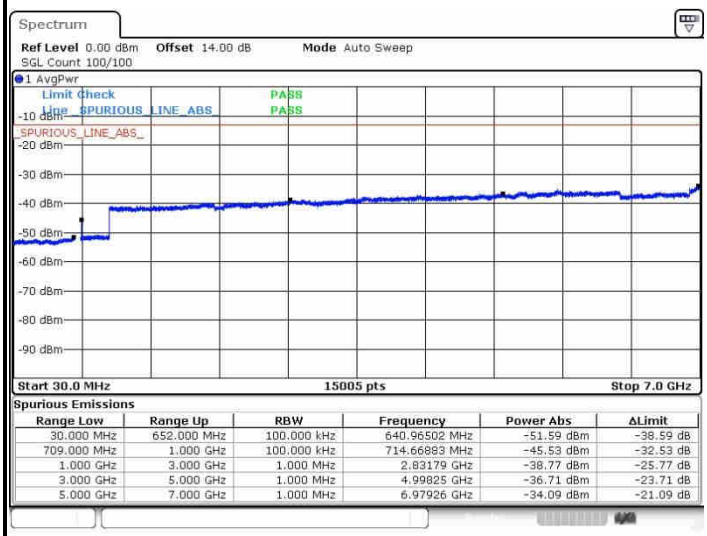



Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 652.000 MHz | 100.000 kHz | 649.04698 MHz | -51.60 dBm | -38.60 dB |
| 709.000 MHz | 1.000 GHz | 100.000 kHz | 861.47702 MHz | -51.00 dBm | -38.00 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.99525 GHz | -38.69 dBm | -25.69 dB |
| 3.000 GHz | 5.000 GHz | 1.000 MHz | 4.96926 GHz | -36.82 dBm | -23.82 dB |
| 5.000 GHz | 7.000 GHz | 1.000 MHz | 6.95576 GHz | -34.10 dBm | -21.10 dB |

Date: 29.MAY.2019 22:25:41

### Highest Channel / 64QAM




Spurious Emissions

| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|---|---|---|---|---|---|
| 30.000 MHz | 652.000 MHz | 100.000 kHz | 640.96502 MHz | -51.59 dBm | -38.59 dB |
| 709.000 MHz | 1.000 GHz | 100.000 kHz | 714.66883 MHz | -45.53 dBm | -32.53 dB |
| 1.000 GHz | 3.000 GHz | 1.000 MHz | 2.83179 GHz | -38.77 dBm | -25.77 dB |
| 3.000 GHz | 5.000 GHz | 1.000 MHz | 4.99825 GHz | -36.71 dBm | -23.71 dB |
| 5.000 GHz | 7.000 GHz | 1.000 MHz | 6.97926 GHz | -34.09 dBm | -21.09 dB |

Date: 29.MAY.2019 22:29:43

# Frequency Stability

| Test Conditions | | LTE Band 2 (QPSK) / Middle Channel | Limit |
|---|---|---|---|
| Temperature (°C) | Voltage (Volt) | BW 10MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0002 | PASS |
| 40 | Normal Voltage | 0.0005 | |
| 30 | Normal Voltage | 0.0011 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0009 | |
| 0 | Normal Voltage | 0.0012 | |
| -10 | Normal Voltage | 0.0013 | |
| -20 | Normal Voltage | 0.0001 | |
| -30 | Normal Voltage | 0.0006 | |
| 20 | Maximum Voltage | 0.0010 | |
| 20 | Normal Voltage | 0.0000 | |
| 20 | Battery End Point | 0.0008 | |

**Note:**

**1.** Normal Voltage =3.85 V.；Battery End Point (BEP) =3.55 V.；Maximum Voltage =4.4 V.

**2.** Note: The frequency fundamental emissions stay within the authorized frequency block.

| Test Conditions | | LTE Band 4 (QPSK) / Middle Channel | Limit |
|---|---|---|---|
| Temperature (°C) | Voltage (Volt) | BW 10MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0009 | PASS |
| 40 | Normal Voltage | 0.0011 | |
| 30 | Normal Voltage | 0.0018 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0020 | |
| 0 | Normal Voltage | 0.0008 | |
| -10 | Normal Voltage | 0.0015 | |
| -20 | Normal Voltage | 0.0017 | |
| -30 | Normal Voltage | 0.0007 | |
| 20 | Maximum Voltage | 0.0025 | |
| 20 | Normal Voltage | 0.0000 | |
| 20 | Battery End Point | 0.0016 | |

**Note:**

1. Normal Voltage =3.85 V.；Battery End Point (BEP) =3.55 V.；Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

| Test Conditions | | LTE Band 5 (QPSK) / Middle Channel | Limit |
|---|---|---|---|
| Temperature (°C) | Voltage (Volt) | BW 10MHz | 2.5ppm |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0002 | PASS |
| 40 | Normal Voltage | 0.0003 | |
| 30 | Normal Voltage | 0.0003 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0000 | |
| 0 | Normal Voltage | 0.0000 | |
| -10 | Normal Voltage | 0.0002 | |
| -20 | Normal Voltage | 0.0002 | |
| -30 | Normal Voltage | 0.0001 | |
| 20 | Maximum Voltage | 0.0002 | |
| 20 | Normal Voltage | 0.0000 | |
| 20 | Battery End Point | 0.0001 | |

**Note:**

1. Normal Voltage =3.85 V.；Battery End Point (BEP) =3.55 V.；Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

| Test Conditions | | LTE Band 12 (QPSK) / Middle Channel | Limit |
|---|---|---|---|
| Temperature (°C) | Voltage (Volt) | BW 10MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0003 | PASS |
| 40 | Normal Voltage | 0.0007 | |
| 30 | Normal Voltage | 0.0011 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0013 | |
| 0 | Normal Voltage | 0.0016 | |
| -10 | Normal Voltage | 0.0018 | |
| -20 | Normal Voltage | 0.0007 | |
| -30 | Normal Voltage | 0.0003 | |
| 20 | Maximum Voltage | 0.0001 | |
| 20 | Normal Voltage | 0.0013 | |
| 20 | Battery End Point | 0.0008 | |

**Note:**

**1.** Normal Voltage =3.85 V.；Battery End Point (BEP) =3.55 V.；Maximum Voltage =4.4 V.

**2.** Note: The frequency fundamental emissions stay within the authorized frequency block.

| Test Conditions | | LTE Band 13 (QPSK) / Middle Channel | Limit |
|---|---|---|---|
| Temperature (°C) | Voltage (Volt) | BW 10MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0005 | PASS |
| 40 | Normal Voltage | 0.0019 | |
| 30 | Normal Voltage | 0.0037 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0003 | |
| 0 | Normal Voltage | 0.0010 | |
| -10 | Normal Voltage | 0.0001 | |
| -20 | Normal Voltage | 0.0015 | |
| -30 | Normal Voltage | 0.0031 | |
| 20 | Maximum Voltage | 0.0032 | |
| 20 | Normal Voltage | 0.0000 | |
| 20 | Battery End Point | 0.0018 | |

**Note:**

**1.** Normal Voltage =3.85 V.；Battery End Point (BEP) =3.55 V.；Maximum Voltage =4.4 V.

**2.** Note: The frequency fundamental emissions stay within the authorized frequency block.

| Test Conditions | | LTE Band 66 (QPSK) / Middle Channel | Limit |
|---|---|---|---|
| Temperature (°C) | Voltage (Volt) | BW 10MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0008 | PASS |
| 40 | Normal Voltage | 0.0006 | |
| 30 | Normal Voltage | 0.0014 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0004 | |
| 0 | Normal Voltage | 0.0013 | |
| -10 | Normal Voltage | 0.0002 | |
| -20 | Normal Voltage | 0.0017 | |
| -30 | Normal Voltage | 0.0006 | |
| 20 | Maximum Voltage | 0.0023 | |
| 20 | Normal Voltage | 0.0000 | |
| 20 | Battery End Point | 0.0012 | |

**Note:**

**1.** Normal Voltage =3.85 V.；Battery End Point (BEP) =3.55 V.；Maximum Voltage =4.4 V.

**2.** Note: The frequency fundamental emissions stay within the authorized frequency block.

| Test Conditions | | LTE Band 71 (QPSK) / Middle Channel | Limit |
|---|---|---|---|
| Temperature (°C) | Voltage (Volt) | BW 10MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0028 | PASS |
| 40 | Normal Voltage | 0.0018 | |
| 30 | Normal Voltage | 0.0015 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0024 | |
| 0 | Normal Voltage | 0.0021 | |
| -10 | Normal Voltage | 0.0028 | |
| -20 | Normal Voltage | 0.0016 | |
| -30 | Normal Voltage | 0.0020 | |
| 20 | Maximum Voltage | 0.0012 | |
| 20 | Normal Voltage | 0.0000 | |
| 20 | Battery End Point | 0.0010 | |

**Note:**

1. Normal Voltage =3.85 V.；Battery End Point (BEP) =3.55 V.；Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

# Appendix B. Test Results of Radiated Test

## Radiated Spurious Emission

| LTE Band 2 / 1.4MHz / QPSK | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Channel | Frequency ( MHz ) | EIRP ( 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 | 3758.92 | -59.13 | -13 | -46.13 | -72.75 | -66.73 | 5.00 | 12.60 | H |
| | 5638.38 | -60.20 | -13 | -47.20 | -76.80 | -66.00 | 7.30 | 13.10 | H |
| | 7517.84 | -59.84 | -13 | -46.84 | -79.82 | -63.41 | 7.73 | 11.30 | H |
| | 3758.92 | -62.35 | -13 | -49.35 | -76.68 | -69.95 | 5.00 | 12.60 | V |
| | 5638.38 | -57.84 | -13 | -44.84 | -74.37 | -63.64 | 7.30 | 13.10 | V |
| | 7517.84 | -59.97 | -13 | -46.97 | -79.61 | -63.54 | 7.73 | 11.30 | V |

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

| LTE Band 2 / 3MHz / QPSK | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Channel | Frequency ( MHz ) | EIRP ( 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 | 3757.48 | -58.46 | -13 | -45.46 | -72.08 | -66.06 | 5.00 | 12.60 | H |
| | 5636.22 | -53.52 | -13 | -40.52 | -70.12 | -59.32 | 7.30 | 13.10 | H |
| | 7514.96 | -59.73 | -13 | -46.73 | -79.71 | -63.30 | 7.73 | 11.30 | H |
| | 3757.48 | -61.63 | -13 | -48.63 | -75.96 | -69.23 | 5.00 | 12.60 | V |
| | 5636.22 | -50.60 | -13 | -37.60 | -67.13 | -56.40 | 7.30 | 13.10 | V |
| | 7514.96 | -60.00 | -13 | -47.00 | -79.64 | -63.57 | 7.73 | 11.30 | V |

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

| LTE Band 2 / 5MHz / QPSK | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Channel | Frequency ( MHz ) | EIRP ( 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 | 3755.68 | -60.02 | -13 | -47.02 | -73.64 | -67.62 | 5.00 | 12.60 | H |
| | 5633.52 | -55.09 | -13 | -42.09 | -71.69 | -60.89 | 7.30 | 13.10 | H |
| | 7511.36 | -59.82 | -13 | -46.82 | -79.80 | -63.39 | 7.73 | 11.30 | H |
| | 3755.68 | -62.65 | -13 | -49.65 | -76.98 | -70.25 | 5.00 | 12.60 | V |
| | 5633.52 | -52.20 | -13 | -39.20 | -68.73 | -58.00 | 7.30 | 13.10 | V |
| | 7511.36 | -60.16 | -13 | -47.16 | -79.8 | -63.73 | 7.73 | 11.30 | V |

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

| LTE Band 2 / 10MHz / QPSK | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Channel | Frequency ( MHz ) | EIRP ( 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 | 3751.18 | -60.12 | -13 | -47.12 | -73.74 | -67.72 | 5.00 | 12.60 | H |
| | 5626.77 | -54.13 | -13 | -41.13 | -70.73 | -59.93 | 7.30 | 13.10 | H |
| | 7502.00 | -59.55 | -13 | -46.55 | -79.53 | -63.12 | 7.73 | 11.30 | H |
| | 3751.18 | -62.38 | -13 | -49.38 | -76.71 | -69.98 | 5.00 | 12.60 | V |
| | 5626.77 | -55.48 | -13 | -42.48 | -72.01 | -61.28 | 7.30 | 13.10 | V |
| | 7502.00 | -60.16 | -13 | -47.16 | -79.8 | -63.73 | 7.73 | 11.30 | V |

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

| LTE Band 2 / 15MHz / QPSK | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Channel | Frequency ( MHz ) | EIRP ( 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 | 3746.68 | -61.10 | -13 | -48.10 | -74.72 | -68.70 | 5.00 | 12.60 | H |
| | 5620.02 | -59.57 | -13 | -46.57 | -76.17 | -65.37 | 7.30 | 13.10 | H |
| | 7493.36 | -59.80 | -13 | -46.80 | -79.78 | -63.37 | 7.73 | 11.30 | H |
| | 3746.68 | -62.30 | -13 | -49.30 | -76.63 | -69.90 | 5.00 | 12.60 | V |
| | 5620.02 | -57.40 | -13 | -44.40 | -73.93 | -63.20 | 7.30 | 13.10 | V |
| | 7493.36 | -60.12 | -13 | -47.12 | -79.76 | -63.69 | 7.73 | 11.30 | V |

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

| LTE Band 2 / 20MHz / QPSK | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Channel | Frequency ( MHz ) | EIRP ( 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 | 3742.18 | -61.13 | -13 | -48.13 | -74.75 | -68.73 | 5.00 | 12.60 | H |
| | 5613.27 | -58.49 | -13 | -45.49 | -75.09 | -64.29 | 7.30 | 13.10 | H |
| | 7484.36 | -59.72 | -13 | -46.72 | -79.70 | -63.29 | 7.73 | 11.30 | H |
| | 3742.18 | -62.39 | -13 | -49.39 | -76.72 | -69.99 | 5.00 | 12.60 | V |
| | 5613.27 | -56.79 | -13 | -43.79 | -73.32 | -62.59 | 7.30 | 13.10 | V |
| | 7484.36 | -59.89 | -13 | -46.89 | -79.53 | -63.46 | 7.73 | 11.30 | V |

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

| LTE Band 4 / 1.4MHz / QPSK | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Channel | Frequency ( MHz ) | EIRP ( 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 | 3463.74 | -51.68 | -13 | -38.68 | -65.38 | -59.65 | 4.63 | 12.60 | H |
| | 5195.61 | -54.81 | -13 | -41.81 | -72.74 | -61.26 | 6.25 | 12.70 | H |
| | 6927.48 | -60.01 | -13 | -47.01 | -79.63 | -64.78 | 8.23 | 13.00 | H |
| | 3463.74 | -54.97 | -13 | -41.97 | -66.38 | -62.94 | 4.63 | 12.60 | V |
| | 5195.61 | -58.92 | -13 | -45.92 | -72.53 | -65.37 | 6.25 | 12.70 | V |
| | 6927.48 | -60.35 | -13 | -47.35 | -79.47 | -65.12 | 8.23 | 13.00 | V |

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

| LTE Band 4 / 3MHz / QPSK | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Channel | Frequency ( MHz ) | EIRP ( 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 | 3462.48 | -54.89 | -13 | -41.89 | -68.59 | -62.86 | 4.63 | 12.60 | H |
| | 5193.72 | -56.49 | -13 | -43.49 | -74.42 | -62.94 | 6.25 | 12.70 | H |
| | 6924.96 | -60.34 | -13 | -47.34 | -79.96 | -65.11 | 8.23 | 13.00 | H |
| | 3462.48 | -55.07 | -13 | -42.07 | -66.48 | -63.04 | 4.63 | 12.60 | V |
| | 5193.72 | -60.59 | -13 | -47.59 | -74.2 | -67.04 | 6.25 | 12.70 | V |
| | 6924.96 | -61.05 | -13 | -48.05 | -80.17 | -65.82 | 8.23 | 13.00 | V |

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

| LTE Band 4 / 5MHz / QPSK | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Channel | Frequency ( MHz ) | EIRP ( 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 | 3460.68 | -53.28 | -13 | -40.28 | -66.98 | -61.25 | 4.63 | 12.60 | H |
| | 5191.02 | -54.89 | -13 | -41.89 | -72.82 | -61.34 | 6.25 | 12.70 | H |
| | 6921.36 | -60.59 | -13 | -47.59 | -80.21 | -65.36 | 8.23 | 13.00 | H |
| | 3460.68 | -54.39 | -13 | -41.39 | -65.8 | -62.36 | 4.63 | 12.60 | V |
| | 5191.02 | -59.70 | -13 | -46.70 | -73.31 | -66.15 | 6.25 | 12.70 | V |
| | 6921.36 | -60.88 | -13 | -47.88 | -80 | -65.65 | 8.23 | 13.00 | V |

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

| LTE Band 4 / 10MHz / QPSK | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Channel | Frequency ( MHz ) | EIRP ( 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 | 3456.18 | -52.39 | -13 | -39.39 | -66.09 | -60.36 | 4.63 | 12.60 | H |
| | 5184.27 | -55.47 | -13 | -42.47 | -73.40 | -61.92 | 6.25 | 12.70 | H |
| | 6912.36 | -60.21 | -13 | -47.21 | -79.83 | -64.98 | 8.23 | 13.00 | H |
| | 3456.18 | -55.11 | -13 | -42.11 | -66.52 | -63.08 | 4.63 | 12.60 | V |
| | 5184.27 | -60.52 | -13 | -47.52 | -74.13 | -66.97 | 6.25 | 12.70 | V |
| | 6912.36 | -60.93 | -13 | -47.93 | -80.05 | -65.70 | 8.23 | 13.00 | V |

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

| LTE Band 4 / 15MHz / QPSK | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Channel | Frequency ( MHz ) | EIRP ( 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 | 3451.68 | -50.85 | -13 | -37.85 | -64.55 | -58.82 | 4.63 | 12.60 | H |
| | 5177.52 | -56.63 | -13 | -43.63 | -74.56 | -63.08 | 6.25 | 12.70 | H |
| | 6903.36 | -60.42 | -13 | -47.42 | -80.04 | -65.19 | 8.23 | 13.00 | H |
| | 3451.68 | -55.54 | -13 | -42.54 | -66.95 | -63.51 | 4.63 | 12.60 | V |
| | 5177.52 | -58.47 | -13 | -45.47 | -72.08 | -64.92 | 6.25 | 12.70 | V |
| | 6903.36 | -60.91 | -13 | -47.91 | -80.03 | -65.68 | 8.23 | 13.00 | V |

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

| LTE Band 4 / 20MHz / QPSK | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Channel | Frequency ( MHz ) | EIRP ( 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 | 3447.18 | -52.60 | -13 | -39.60 | -66.30 | -60.57 | 4.63 | 12.60 | H |
| | 5170.77 | -57.96 | -13 | -44.96 | -75.89 | -64.41 | 6.25 | 12.70 | H |
| | 6894.36 | -60.16 | -13 | -47.16 | -79.78 | -64.93 | 8.23 | 13.00 | H |
| | 3447.18 | -56.19 | -13 | -43.19 | -67.6 | -64.16 | 4.63 | 12.60 | V |
| | 5170.77 | -60.32 | -13 | -47.32 | -73.93 | -66.77 | 6.25 | 12.70 | V |
| | 6894.36 | -60.85 | -13 | -47.85 | -79.97 | -65.62 | 8.23 | 13.00 | V |

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

| LTE Band 5 / 1.4MHz / QPSK | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Channel | Frequency ( MHz ) | EIRP ( 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 | 1671.92 | -73.30 | -13 | -60.30 | -75.01 | -77.67 | 2.88 | 9.40 | H |
| | 2507.88 | -70.83 | -13 | -57.83 | -76.89 | -75.78 | 3.50 | 10.60 | H |
| | 3343.84 | -69.97 | -13 | -56.97 | -77.97 | -75.79 | 4.63 | 12.60 | H |
| | 1671.92 | -72.90 | -13 | -59.90 | -74.74 | -77.27 | 2.88 | 9.40 | V |
| | 2507.88 | -70.88 | -13 | -57.88 | -76.83 | -75.83 | 3.50 | 10.60 | V |
| | 3343.84 | -69.90 | -13 | -56.90 | -77.93 | -75.72 | 4.63 | 12.60 | V |

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

| LTE Band 5 / 3MHz / QPSK | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Channel | Frequency ( MHz ) | EIRP ( 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 | 1670.48 | -72.85 | -13 | -59.85 | -74.56 | -77.22 | 2.88 | 9.40 | H |
| | 2505.72 | -70.31 | -13 | -57.31 | -76.37 | -75.26 | 3.50 | 10.60 | H |
| | 3340.96 | -69.69 | -13 | -56.69 | -77.69 | -75.51 | 4.63 | 12.60 | H |
| | 1670.48 | -72.42 | -13 | -59.42 | -74.26 | -76.79 | 2.88 | 9.40 | V |
| | 2505.72 | -70.34 | -13 | -57.34 | -76.29 | -75.29 | 3.50 | 10.60 | V |
| | 3340.96 | -69.78 | -13 | -56.78 | -77.81 | -75.60 | 4.63 | 12.60 | V |

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

| LTE Band 5 / 5MHz / QPSK | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Channel | Frequency ( MHz ) | EIRP ( 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 | 1668.68 | -72.88 | -13 | -59.88 | -74.59 | -77.25 | 2.88 | 9.40 | H |
| | 2503.02 | -70.39 | -13 | -57.39 | -76.45 | -75.34 | 3.50 | 10.60 | H |
| | 3337.36 | -69.56 | -13 | -56.56 | -77.56 | -75.38 | 4.63 | 12.60 | H |
| | 1668.68 | -72.63 | -13 | -59.63 | -74.47 | -77.00 | 2.88 | 9.40 | V |
| | 2503.02 | -70.24 | -13 | -57.24 | -76.19 | -75.19 | 3.50 | 10.60 | V |
| | 3337.36 | -69.77 | -13 | -56.77 | -77.80 | -75.59 | 4.63 | 12.60 | V |

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

| LTE Band 5 / 10MHz / QPSK | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Channel | Frequency ( MHz ) | EIRP ( 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 | 1664.08 | -73.29 | -13 | -60.29 | -75.00 | -77.66 | 2.88 | 9.40 | H |
| | 2496.27 | -70.36 | -13 | -57.36 | -76.42 | -75.31 | 3.50 | 10.60 | H |
| | 3328.36 | -70.03 | -13 | -57.03 | -78.03 | -75.85 | 4.63 | 12.60 | H |
| | 1664.08 | -72.49 | -13 | -59.49 | -74.33 | -76.86 | 2.88 | 9.40 | V |
| | 2496.27 | -70.22 | -13 | -57.22 | -76.17 | -75.17 | 3.50 | 10.60 | V |
| | 3328.36 | -69.86 | -13 | -56.86 | -77.89 | -75.68 | 4.63 | 12.60 | V |

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

| LTE Band 12 / 1.4MHz / QPSK | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Channel | Frequency ( MHz ) | EIRP ( 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 | 1413.74 | -69.76 | -13 | -56.76 | -73.16 | -72.73 | 2.88 | 8.00 | H |
| | 2120.61 | -69.08 | -13 | -56.08 | -75.28 | -74.08 | 3.25 | 10.40 | H |
| | 2827.48 | -68.57 | -13 | -55.57 | -77.06 | -74.05 | 3.87 | 11.50 | H |
| | 1413.74 | -65.57 | -13 | -52.57 | -69.01 | -68.54 | 2.88 | 8.00 | V |
| | 2120.61 | -67.22 | -13 | -54.22 | -71.61 | -72.22 | 3.25 | 10.40 | V |
| | 2827.48 | -69.77 | -13 | -56.77 | -77.14 | -75.25 | 3.87 | 11.50 | V |

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

| LTE Band 12 / 3MHz / QPSK | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Channel | Frequency ( MHz ) | EIRP ( 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 | 1412.3 | -69.89 | -13 | -56.89 | -73.29 | -72.86 | 2.88 | 8.00 | H |
| | 2118.45 | -69.50 | -13 | -56.50 | -75.70 | -74.50 | 3.25 | 10.40 | H |
| | 2824.6 | -68.74 | -13 | -55.74 | -77.23 | -74.22 | 3.87 | 11.50 | H |
| | 1412.3 | -65.17 | -13 | -52.17 | -68.61 | -68.14 | 2.88 | 8.00 | V |
| | 2118.45 | -67.18 | -13 | -54.18 | -71.57 | -72.18 | 3.25 | 10.40 | V |
| | 2824.6 | -69.75 | -13 | -56.75 | -77.12 | -75.23 | 3.87 | 11.50 | V |

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

| LTE Band 12 / 5MHz / QPSK | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Channel | Frequency ( MHz ) | EIRP ( 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 | 1410.5 | -70.16 | -13 | -57.16 | -73.56 | -73.13 | 2.88 | 8.00 | H |
| | 2115.75 | -69.67 | -13 | -56.67 | -75.87 | -74.67 | 3.25 | 10.40 | H |
| | 2821 | -68.63 | -13 | -55.63 | -77.12 | -74.11 | 3.87 | 11.50 | H |
| | 1410.5 | -65.62 | -13 | -52.62 | -69.06 | -68.59 | 2.88 | 8.00 | V |
| | 2115.75 | -68.91 | -13 | -55.91 | -73.30 | -73.91 | 3.25 | 10.40 | V |
| | 2821 | -69.80 | -13 | -56.80 | -77.17 | -75.28 | 3.87 | 11.50 | V |

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

| LTE Band 12 / 10MHz / QPSK | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Channel | Frequency ( MHz ) | EIRP ( 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 | 1406 | -70.02 | -13 | -57.02 | -73.42 | -72.99 | 2.88 | 8.00 | H |
| | 2109 | -68.26 | -13 | -55.26 | -74.46 | -73.26 | 3.25 | 10.40 | H |
| | 2812 | -68.66 | -13 | -55.66 | -77.15 | -74.14 | 3.87 | 11.50 | H |
| | 1406 | -66.54 | -13 | -53.54 | -69.98 | -69.51 | 2.88 | 8.00 | V |
| | 2109 | -66.55 | -13 | -53.55 | -70.94 | -71.55 | 3.25 | 10.40 | V |
| | 2812 | -69.78 | -13 | -56.78 | -77.15 | -75.26 | 3.87 | 11.50 | V |

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

| LTE Band 13 / 5MHz / QPSK | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Channel | Frequency ( MHz ) | EIRP ( 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 | 1559.5 | -62.04 | -40 | -22.04 | -71.48 | -65.29 | 4.00 | 9.40 | H |
| | 2339.25 | -62.70 | -13 | -49.70 | -76.42 | -66.27 | 4.88 | 10.60 | H |
| | 3119 | -65.61 | -13 | -52.61 | -81.37 | -70.54 | 5.52 | 12.60 | H |
| | 1559.5 | -59.52 | -40 | -19.52 | -68.46 | -62.77 | 4.00 | 9.40 | V |
| | 2339.25 | -60.19 | -13 | -47.19 | -73.96 | -63.76 | 4.88 | 10.60 | V |
| | 3119 | -65.30 | -13 | -52.30 | -80.99 | -70.23 | 5.52 | 12.60 | V |

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

| LTE Band 13 / 10MHz / QPSK | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Channel | Frequency ( MHz ) | EIRP ( 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 | 1559.5 | -67.88 | -40 | -27.88 | -77.32 | -71.13 | 4.00 | 9.40 | H |
| | 2339.25 | -66.83 | -13 | -53.83 | -80.55 | -70.40 | 4.88 | 10.60 | H |
| | 3119 | -65.75 | -13 | -52.75 | -81.51 | -70.68 | 5.52 | 12.60 | H |
| | 1559.5 | -65.01 | -40 | -25.01 | -73.95 | -68.26 | 4.00 | 9.40 | V |
| | 2339.25 | -65.71 | -13 | -52.71 | -79.48 | -69.28 | 4.88 | 10.60 | V |
| | 3119 | -65.85 | -13 | -52.85 | -81.54 | -70.78 | 5.52 | 12.60 | V |

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

| LTE Band 66 / 1.4MHz / QPSK | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Channel | Frequency ( MHz ) | EIRP ( 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 | 3488.74 | -53.87 | -13 | -40.87 | -67.57 | -61.91 | 4.66 | 12.70 | H |
| | 5233.11 | -54.23 | -13 | -41.23 | -72.16 | -60.72 | 6.31 | 12.80 | H |
| | 6977.48 | -59.15 | -13 | -46.15 | -78.77 | -63.90 | 8.35 | 13.10 | H |
| | 3488.74 | -58.57 | -13 | -45.57 | -69.98 | -66.61 | 4.66 | 12.70 | V |
| | 5233.11 | -55.49 | -13 | -42.49 | -69.1 | -61.98 | 6.31 | 12.80 | V |
| | 6977.48 | -60.12 | -13 | -47.12 | -79.24 | -64.87 | 8.35 | 13.10 | V |

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

| LTE Band 66 / 3MHz / QPSK | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Channel | Frequency ( MHz ) | EIRP ( 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 | 3487.3 | -54.17 | -13 | -41.17 | -67.87 | -62.21 | 4.66 | 12.70 | H |
| | 5230.95 | -58.57 | -13 | -45.57 | -76.50 | -65.06 | 6.31 | 12.80 | H |
| | 6974.6 | -59.95 | -13 | -46.95 | -79.57 | -64.70 | 8.35 | 13.10 | H |
| | 3487.3 | -58.79 | -13 | -45.79 | -70.2 | -66.83 | 4.66 | 12.70 | V |
| | 5230.95 | -58.60 | -13 | -45.60 | -72.21 | -65.09 | 6.31 | 12.80 | V |
| | 6974.6 | -60.85 | -13 | -47.85 | -79.97 | -65.60 | 8.35 | 13.10 | V |

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

| LTE Band 66 / 5MHz / QPSK | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Channel | Frequency ( MHz ) | EIRP ( 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 | 3485.5 | -55.60 | -13 | -42.60 | -69.30 | -63.64 | 4.66 | 12.70 | H |
| | 5228.25 | -58.80 | -13 | -45.80 | -76.73 | -65.29 | 6.31 | 12.80 | H |
| | 6971 | -59.96 | -13 | -46.96 | -79.58 | -64.71 | 8.35 | 13.10 | H |
| | 3485.5 | -59.92 | -13 | -46.92 | -71.33 | -67.96 | 4.66 | 12.70 | V |
| | 5228.25 | -59.35 | -13 | -46.35 | -72.96 | -65.84 | 6.31 | 12.80 | V |
| | 6971 | -60.21 | -13 | -47.21 | -79.33 | -64.96 | 8.35 | 13.10 | V |

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

| LTE Band 66 / 10MHz / QPSK | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Channel | Frequency ( MHz ) | EIRP ( 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 | 3481 | -55.54 | -13 | -42.54 | -69.24 | -63.58 | 4.66 | 12.70 | H |
| | 5221.5 | -57.09 | -13 | -44.09 | -75.02 | -63.58 | 6.31 | 12.80 | H |
| | 6962 | -60.19 | -13 | -47.19 | -79.81 | -64.94 | 8.35 | 13.10 | H |
| | 3481 | -60.25 | -13 | -47.25 | -71.66 | -68.29 | 4.66 | 12.70 | V |
| | 5221.5 | -57.94 | -13 | -44.94 | -71.55 | -64.43 | 6.31 | 12.80 | V |
| | 6962 | -60.61 | -13 | -47.61 | -79.73 | -65.36 | 8.35 | 13.10 | V |

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

| LTE Band 66 / 15MHz / QPSK | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Channel | Frequency ( MHz ) | EIRP ( 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 | 3476.5 | -56.99 | -13 | -43.99 | -70.69 | -65.03 | 4.66 | 12.70 | H |
| | 5214.75 | -59.34 | -13 | -46.34 | -77.27 | -65.83 | 6.31 | 12.80 | H |
| | 6953 | -60.21 | -13 | -47.21 | -79.83 | -64.96 | 8.35 | 13.10 | H |
| | 3476.5 | -60.12 | -13 | -47.12 | -71.53 | -68.16 | 4.66 | 12.70 | V |
| | 5214.75 | -61.46 | -13 | -48.46 | -75.07 | -67.95 | 6.31 | 12.80 | V |
| | 6953 | -60.54 | -13 | -47.54 | -79.66 | -65.29 | 8.35 | 13.10 | V |

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

| LTE Band 66 / 20MHz / QPSK | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Channel | Frequency ( MHz ) | EIRP ( 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 | 3472 | -56.46 | -13 | -43.46 | -70.16 | -64.50 | 4.66 | 12.70 | H |
| | 5208 | -55.93 | -13 | -42.93 | -73.86 | -62.42 | 6.31 | 12.80 | H |
| | 6944 | -60.30 | -13 | -47.30 | -79.92 | -65.05 | 8.35 | 13.10 | H |
| | 3472 | -60.21 | -13 | -47.21 | -71.62 | -68.25 | 4.66 | 12.70 | V |
| | 5208 | -60.60 | -13 | -47.60 | -74.21 | -67.09 | 6.31 | 12.80 | V |
| | 6944 | -60.82 | -13 | -47.82 | -79.94 | -65.57 | 8.35 | 13.10 | V |

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

| LTE Band 71 / 5MHz / QPSK | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Channel | Frequency ( MHz ) | EIRP ( 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 | 1356.5 | -64.21 | -13 | -51.21 | -73.39 | -67.44 | 3.98 | 9.36 | H |
| | 2034.75 | -67.36 | -13 | -54.36 | -79.15 | -70.91 | 4.85 | 10.55 | H |
| | 2713 | -66.59 | -13 | -53.59 | -80.13 | -71.52 | 5.50 | 12.58 | H |
| | 1356.5 | -61.61 | -13 | -48.61 | -70.64 | -64.84 | 3.98 | 9.36 | V |
| | 2034.75 | -64.65 | -13 | -51.65 | -76.42 | -68.20 | 4.85 | 10.55 | V |
| | 2713 | -66.31 | -13 | -53.31 | -80.26 | -71.24 | 5.50 | 12.58 | V |

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

| LTE Band 71 / 10MHz / QPSK | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Channel | Frequency ( MHz ) | EIRP ( 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 | 1352 | -63.06 | -13 | -50.06 | -72.24 | -66.29 | 3.98 | 9.36 | H |
| | 2028 | -64.88 | -13 | -51.88 | -76.42 | -68.43 | 4.85 | 10.55 | H |
| | 2704 | -66.48 | -13 | -53.48 | -79.99 | -71.41 | 5.50 | 12.58 | H |
| | 1352 | -61.90 | -13 | -48.90 | -70.93 | -65.13 | 3.98 | 9.36 | V |
| | 2028 | -62.38 | -13 | -49.38 | -73.91 | -65.93 | 4.85 | 10.55 | V |
| | 2704 | -66.15 | -13 | -53.15 | -80.00 | -71.08 | 5.50 | 12.58 | V |

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

| LTE Band 71 / 15MHz / QPSK | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Channel | Frequency ( MHz ) | EIRP ( 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 | 1347.5 | -63.36 | -13 | -50.36 | -72.50 | -66.59 | 3.98 | 9.36 | H |
| | 2021.25 | -66.52 | -13 | -53.52 | -78.06 | -70.07 | 4.85 | 10.55 | H |
| | 2695 | -66.66 | -13 | -53.66 | -80.16 | -71.59 | 5.50 | 12.58 | H |
| | 1347.5 | -62.30 | -13 | -49.30 | -71.25 | -65.53 | 3.98 | 9.36 | V |
| | 2021.25 | -64.67 | -13 | -51.67 | -76.20 | -68.22 | 4.85 | 10.55 | V |
| | 2695 | -66.25 | -13 | -53.25 | -80.09 | -71.18 | 5.50 | 12.58 | V |

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

| LTE Band 71 / 20MHz / QPSK | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Channel | Frequency ( MHz ) | EIRP ( 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 | 1343 | -63.28 | -13 | -50.28 | -72.35 | -66.51 | 3.98 | 9.36 | H |
| | 2014.5 | -67.55 | -13 | -54.55 | -79.09 | -71.10 | 4.85 | 10.55 | H |
| | 2686 | -66.66 | -13 | -53.66 | -80.13 | -71.59 | 5.50 | 12.58 | H |
| | 1343 | -60.93 | -13 | -47.93 | -69.81 | -64.16 | 3.98 | 9.36 | V |
| | 2014.5 | -63.99 | -13 | -50.99 | -75.52 | -67.54 | 4.85 | 10.55 | V |
| | 2686 | -66.49 | -13 | -53.49 | -80.24 | -71.42 | 5.50 | 12.58 | V |

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