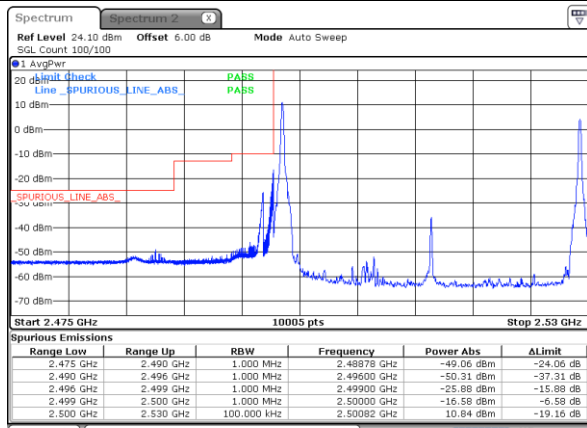




## LTE Band 7 CA / 15MHz+15MHz

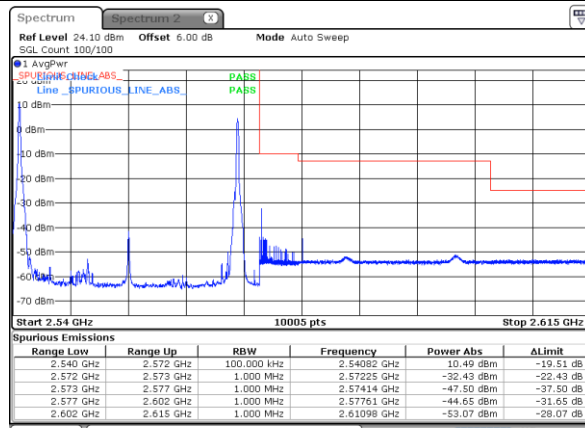
## 16QAM

## Lowest Band Edge / 1RB0 and 1RB74



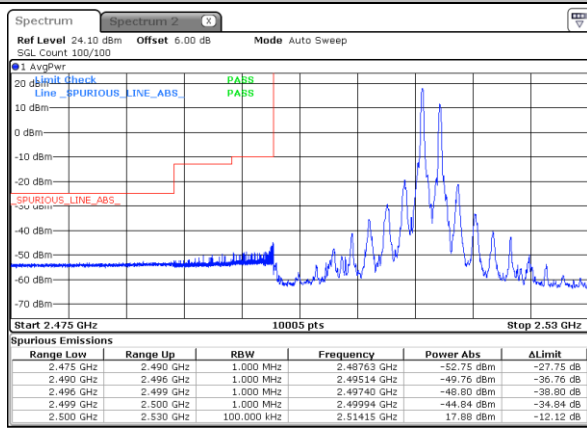
Date: 9 DEC 2019 19:19:53

## Highest Band Edge / 1RB0 and 1RB74



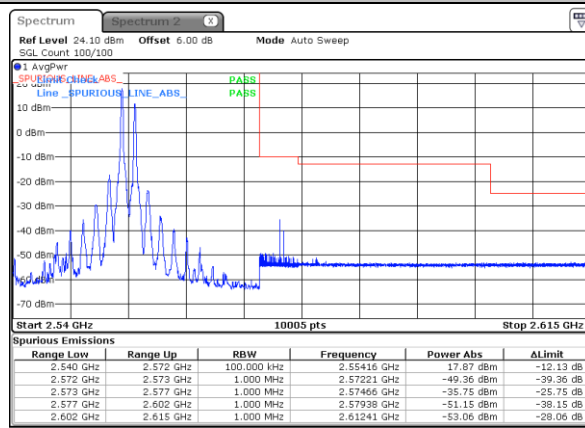
Date: 9 DEC 2019 19:45:50

## Lowest Band Edge / 1RB74 and 1RB0



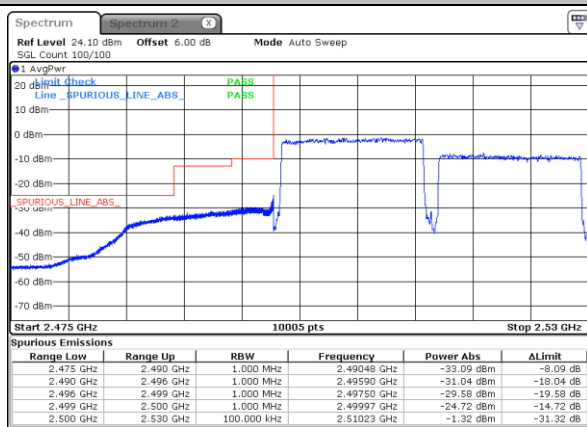
Date: 9 DEC 2019 19:22:39

## Highest Band Edge / 1RB74 and 1RB0



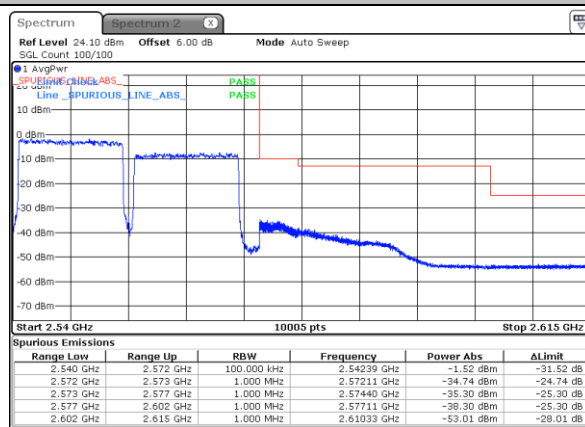
Date: 9 DEC 2019 19:48:14

## Lowest Band Edge / Full RB



Date: 9 DEC 2019 19:16:22

## Highest Band Edge / Full RB



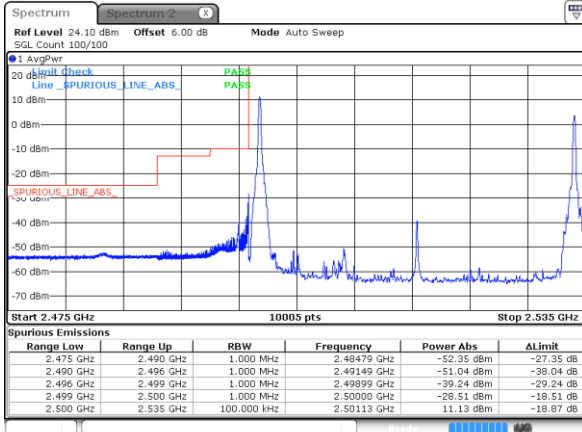
Date: 9 DEC 2019 19:44:17



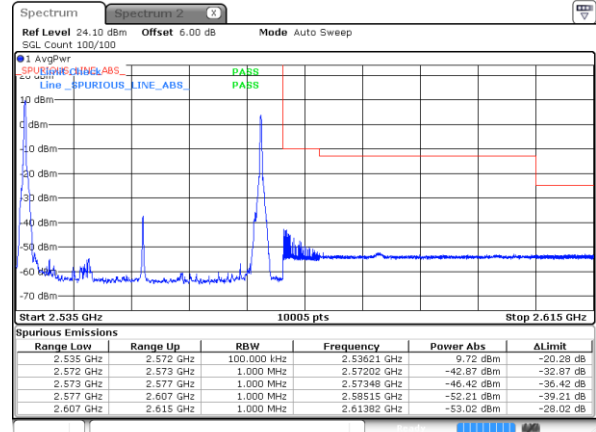
## LTE Band 7 CA / 15MHz+20MHz

## 16QAM

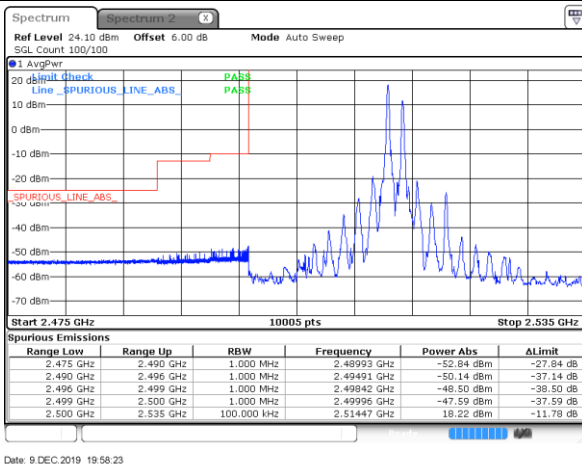
## Lowest Band Edge / 1RB0 and 1RB99



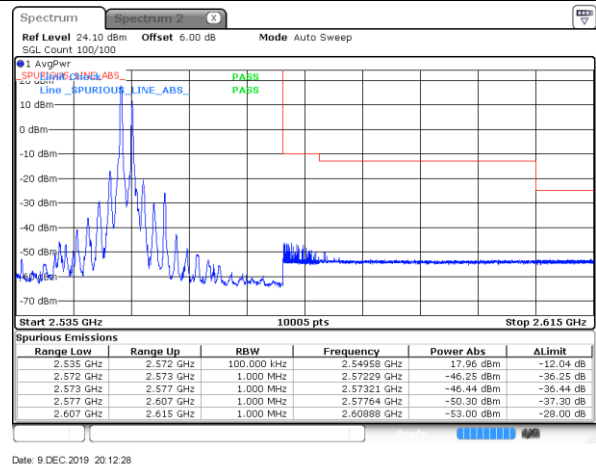
## Highest Band Edge / 1RB0 and 1RB99



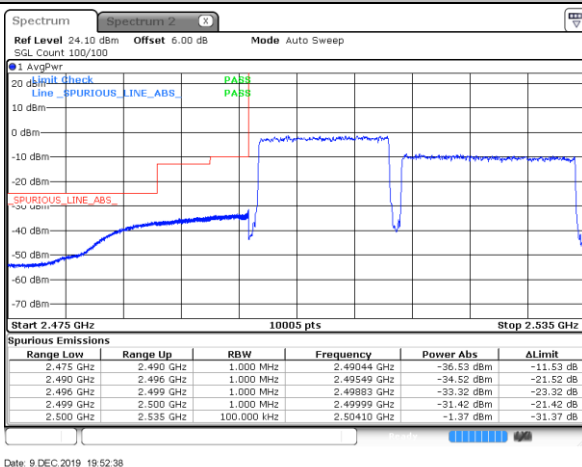
## Lowest Band Edge / 1RB74 and 1RB0



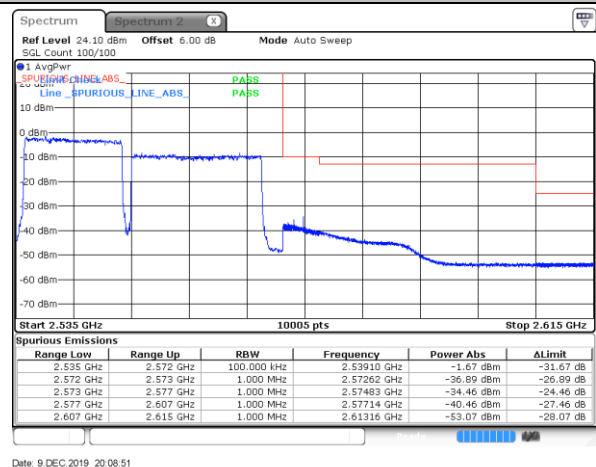
## Highest Band Edge / 1RB74 and 1RB0



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

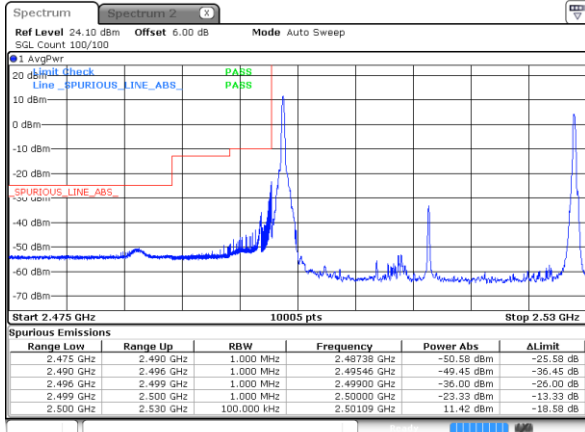




## LTE Band 7 CA / 20MHz+10MHz

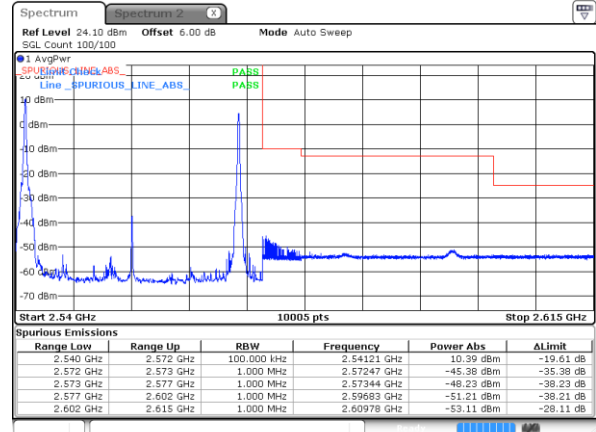
## 16QAM

## Lowest Band Edge / 1RB0 and 1RB49



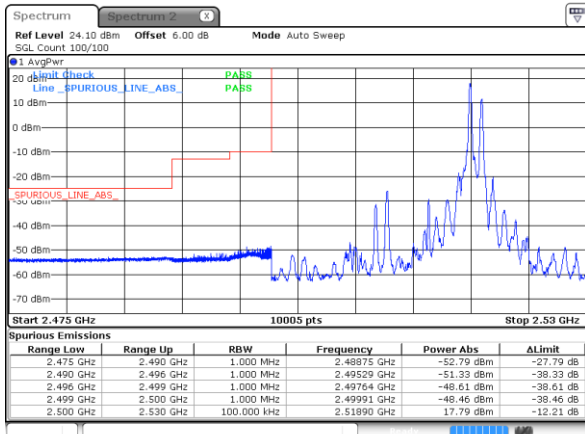
Date: 9 DEC 2019 18:51:36

## Highest Band Edge / 1RB0 and 1RB49



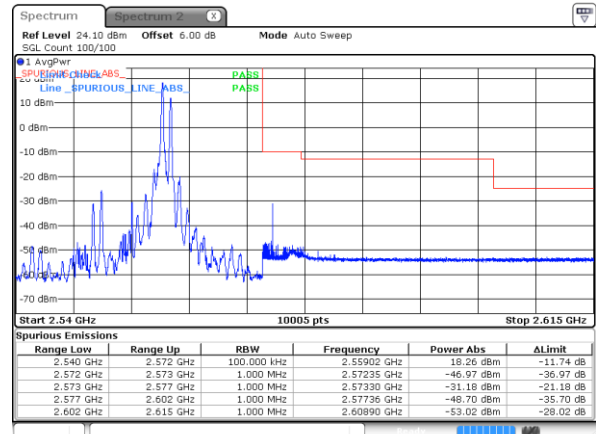
Date: 9 DEC 2019 19:05:47

## Lowest Band Edge / 1RB99 and 1RB0



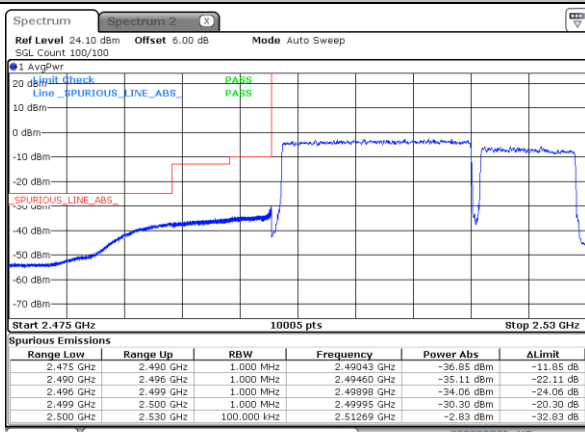
Date: 9 DEC 2019 18:53:54

## Highest Band Edge / 1RB99 and 1RB0



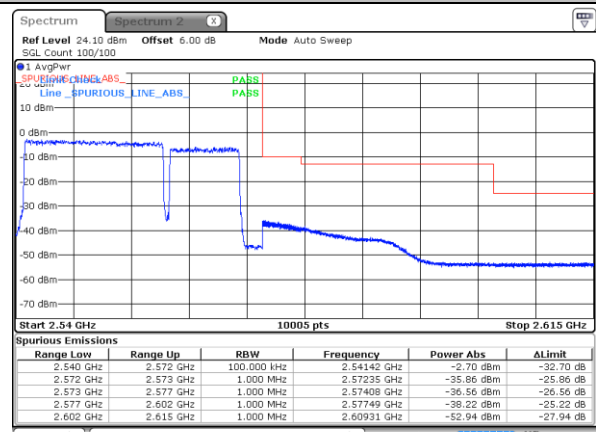
Date: 9 DEC 2019 19:08:00

## Lowest Band Edge / Full RB



Date: 9 DEC 2019 18:49:19

## Highest Band Edge / Full RB



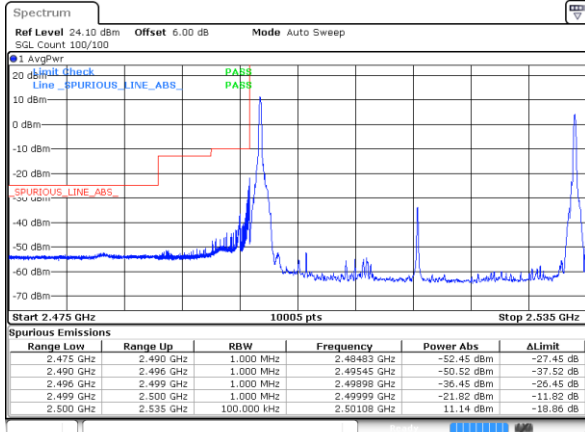
Date: 9 DEC 2019 19:03:16



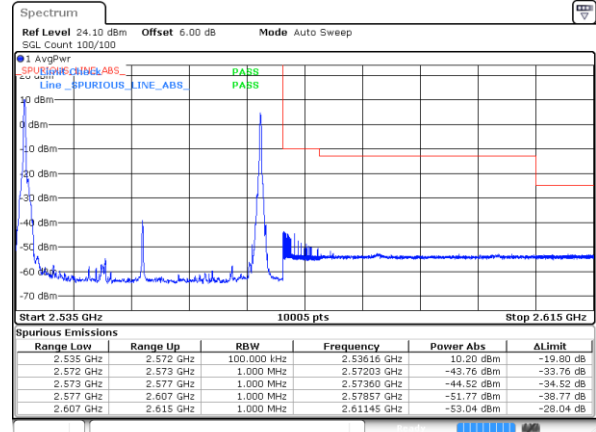
## LTE Band 7 CA / 20MHz+15MHz

## 16QAM

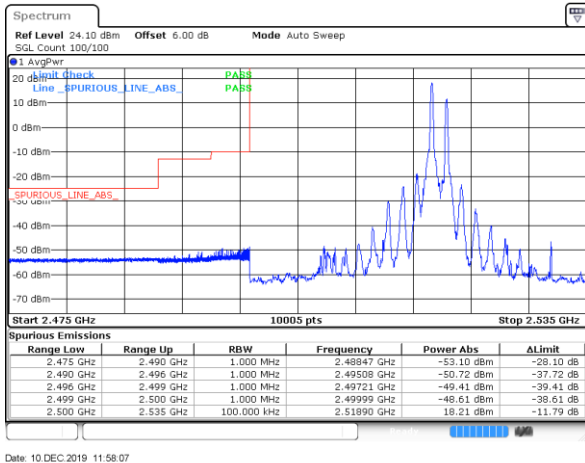
## Lowest Band Edge / 1RB0 and 1RB74



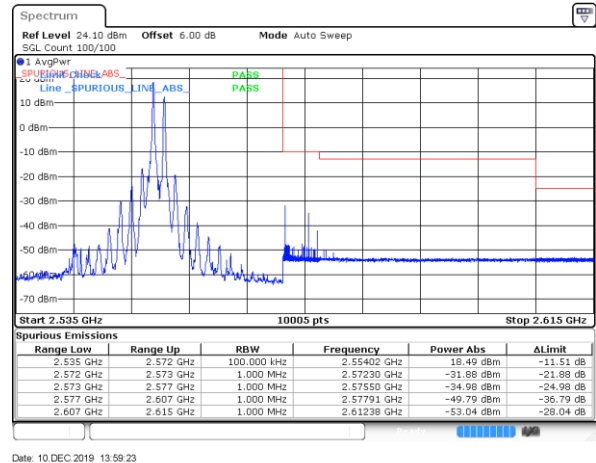
## Highest Band Edge / 1RB0 and 1RB74



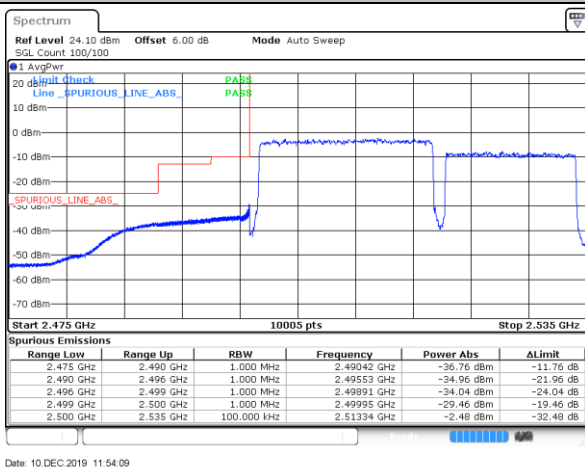
## Lowest Band Edge / 1RB99 and 1RB0



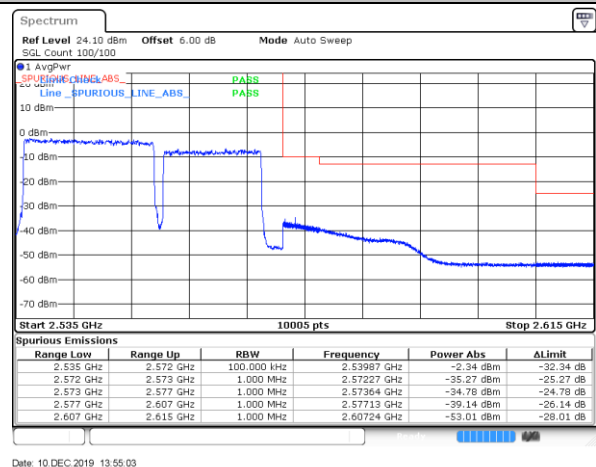
## Highest Band Edge / 1RB99 and 1RB0



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

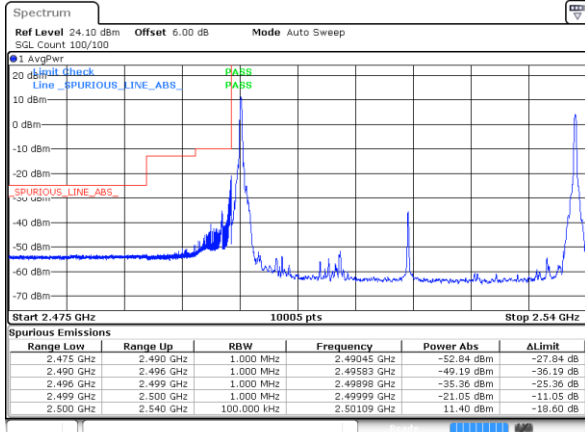




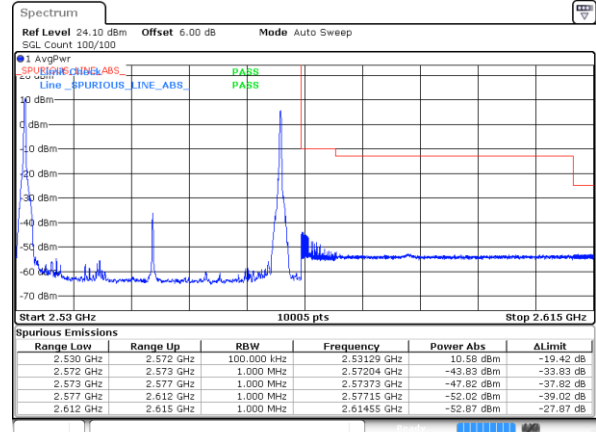
## LTE Band 7 CA / 20MHz+20MHz

## 16QAM

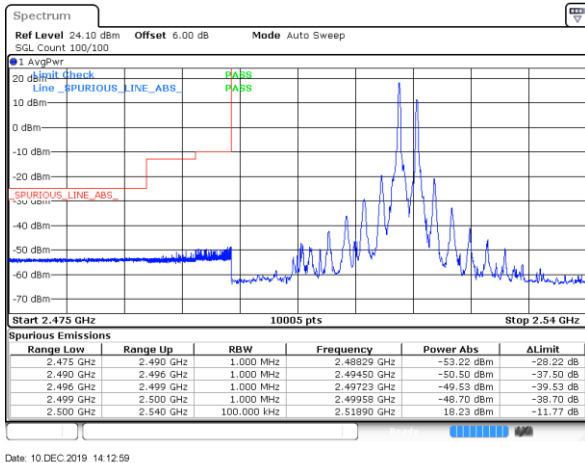
## Lowest Band Edge / 1RB0 and 1RB99



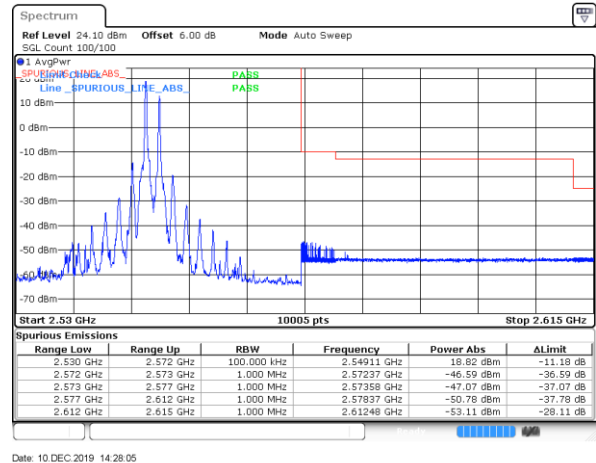
## Highest Band Edge / 1RB0 and 1RB99



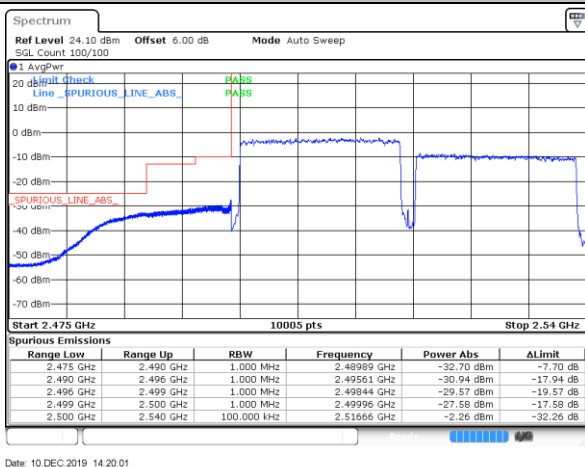
## Lowest Band Edge / 1RB99 and 1RB0



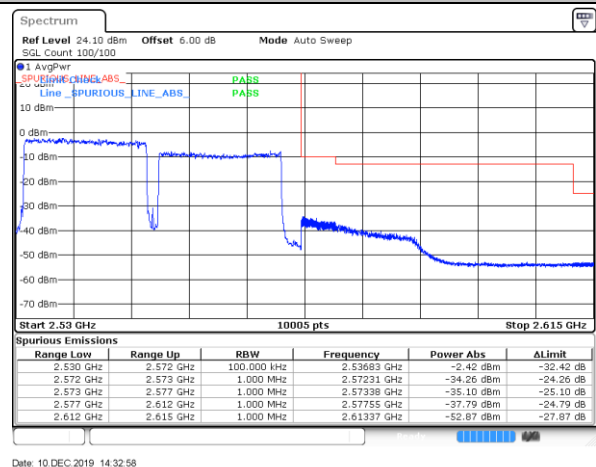
## Highest Band Edge / 1RB99 and 1RB0



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

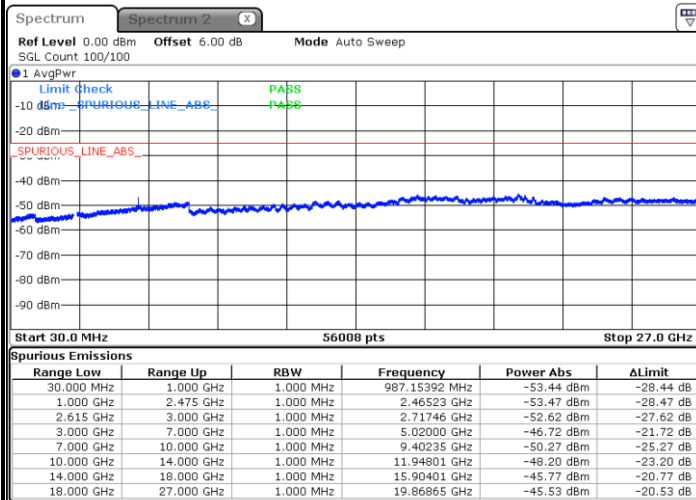




# Conducted Spurious Emission

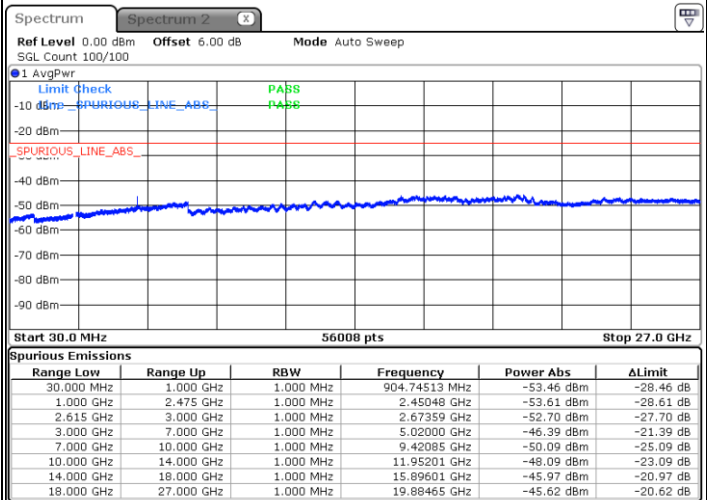
## LTE Band 7 CA / 10MHz+20MHz

### Lowest Channel / QPSK



Date: 9 DEC. 2019 16:10:41

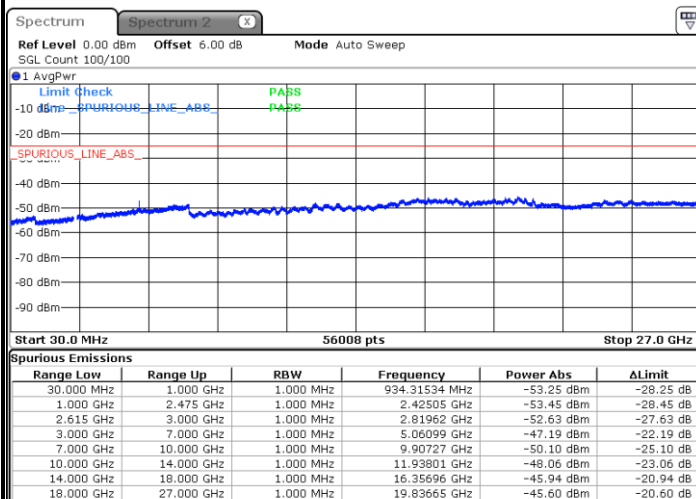
### Lowest Channel / 16QAM



Date: 9 DEC. 2019 16:13:56

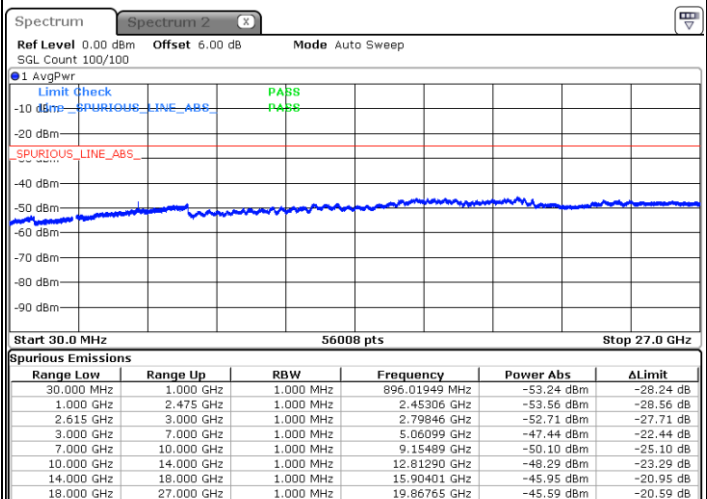
## LTE Band 7 CA / 10MHz+20MHz

### Middle Channel / QPSK



Date: 9 DEC. 2019 16:28:51

### Middle Channel / 16QAM

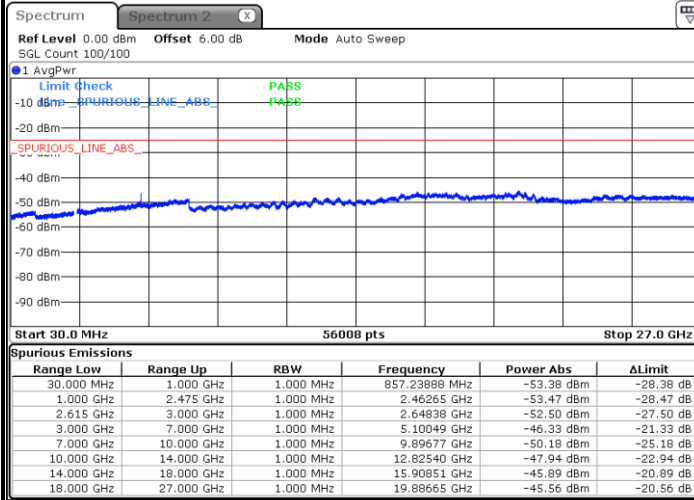


Date: 9 DEC. 2019 16:29:53



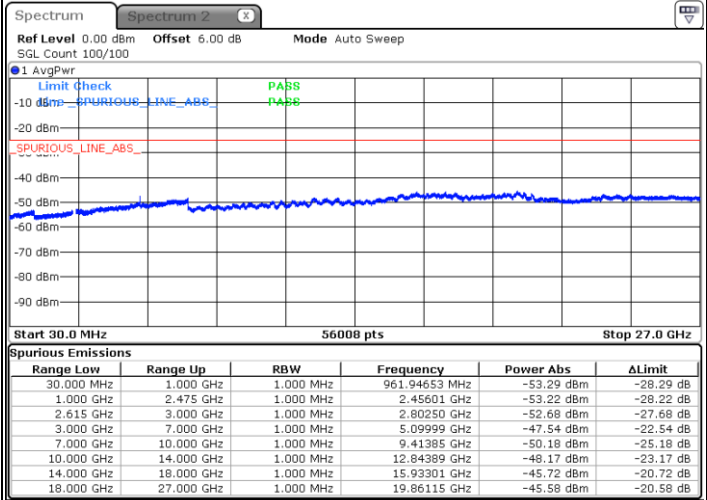
## LTE Band 7 CA / 10MHz+20MHz

## Highest Channel / QPSK



Date: 9 DEC.2019 16:27:15

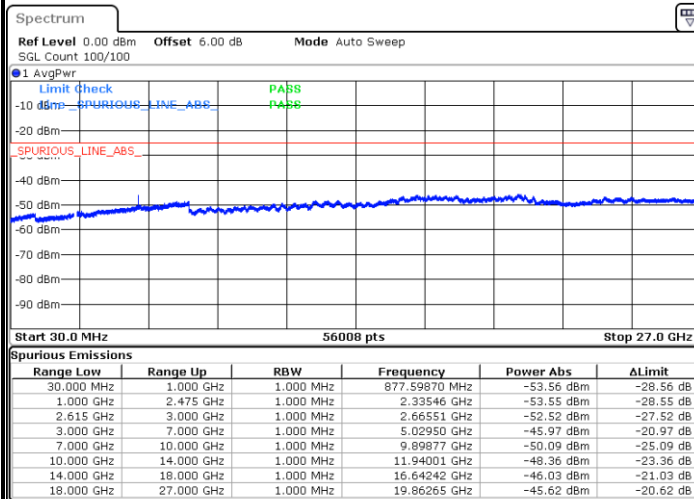
## Highest Channel / 16QAM



Date: 9 DEC.2019 16:26:03

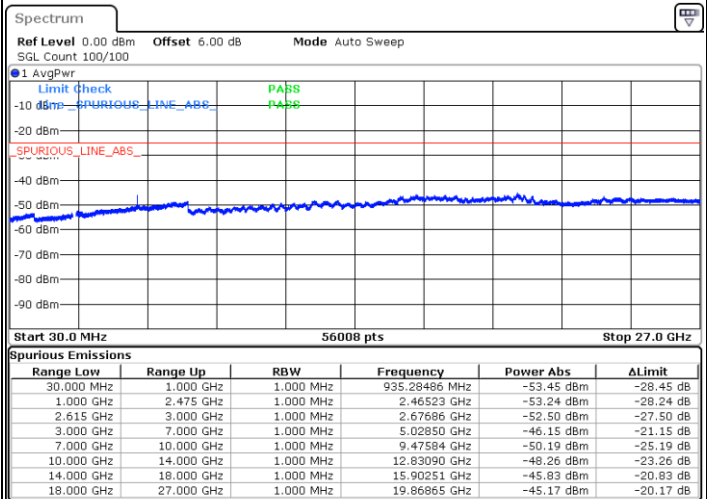
## LTE Band 7 CA / 15MHz+10MHz

## Lowest Channel / QPSK



Date: 10 DEC.2019 14:46:39

## Lowest Channel / 16QAM

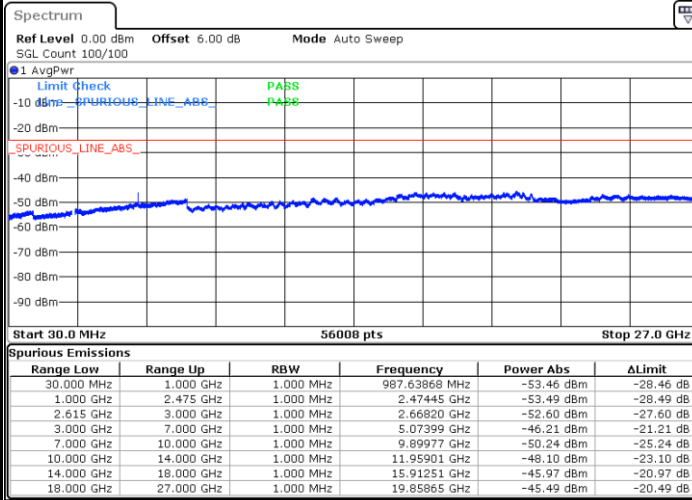


Date: 10 DEC.2019 14:45:38



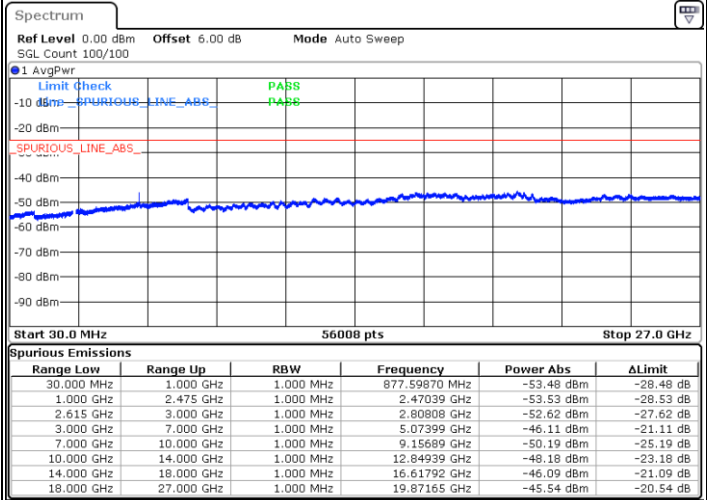
## LTE Band 7 CA / 15MHz+10MHz

## Middle Channel / QPSK



Date: 10 DEC 2019 14:48:17

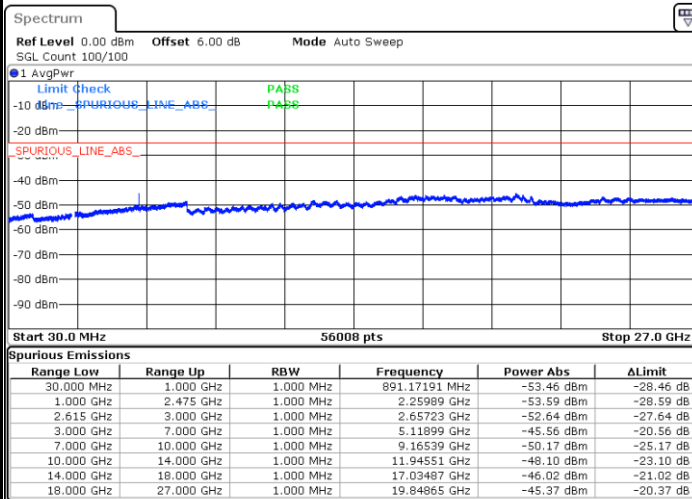
## Middle Channel / 16QAM



Date: 10 DEC 2019 14:49:53

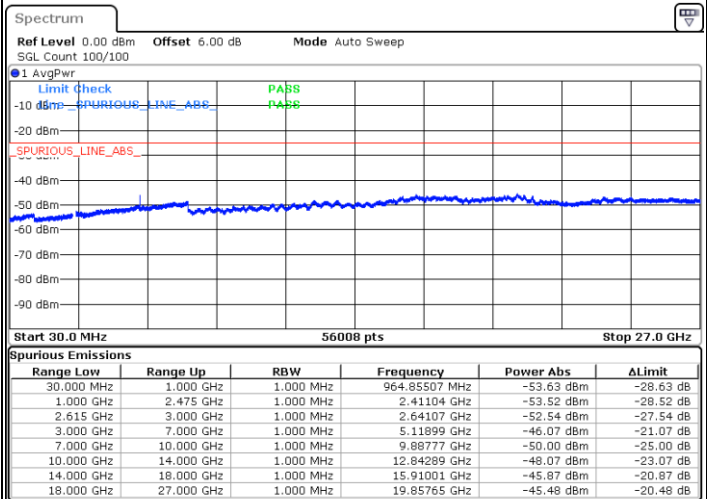
## LTE Band 7 CA / 15MHz+10MHz

## Highest Channel / QPSK



Date: 10 DEC 2019 14:57:57

## Highest Channel / 16QAM

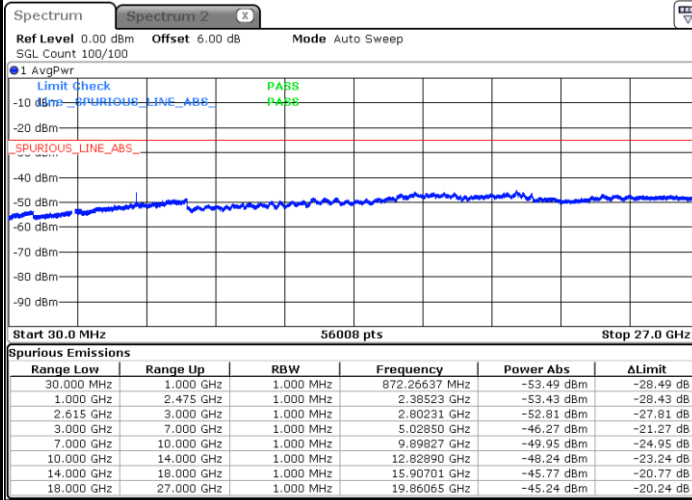


Date: 10 DEC 2019 14:59:13



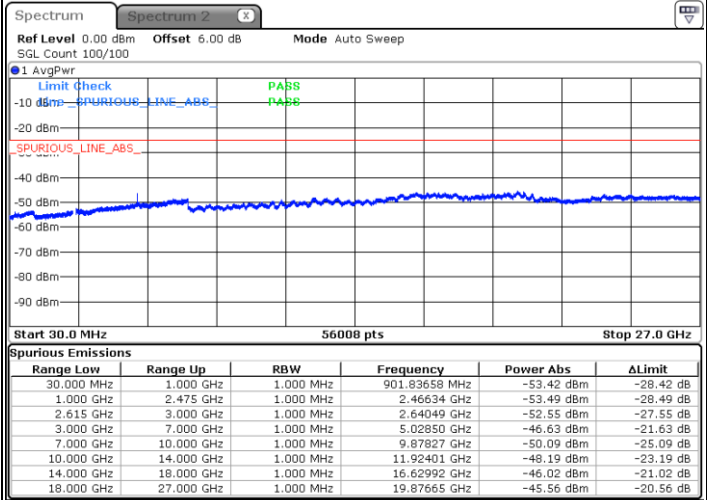
## LTE Band 7 CA / 15MHz+15MHz

## Lowest Channel / QPSK



Date: 9 DEC. 2019 19:22:13

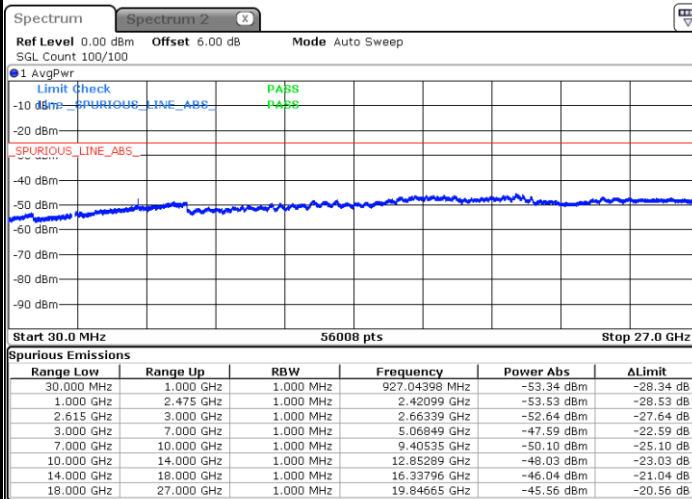
## Lowest Channel / 16QAM



Date: 9 DEC. 2019 19:23:27

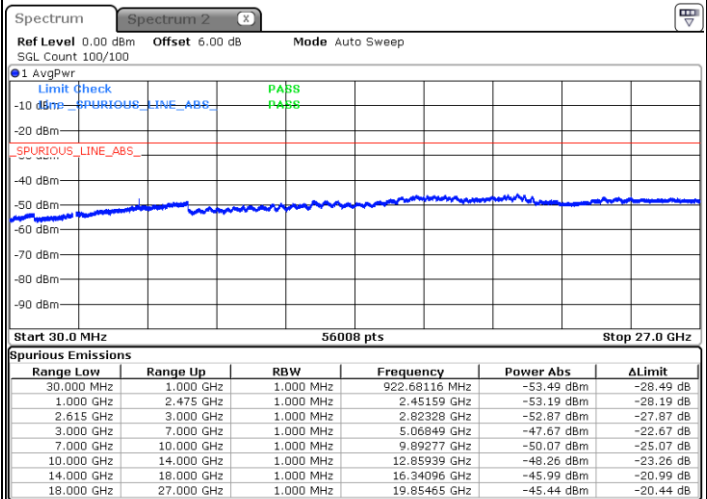
## LTE Band 7 CA / 15MHz+15MHz

## Middle Channel / QPSK



Date: 9 DEC. 2019 19:40:31

## Middle Channel / 16QAM

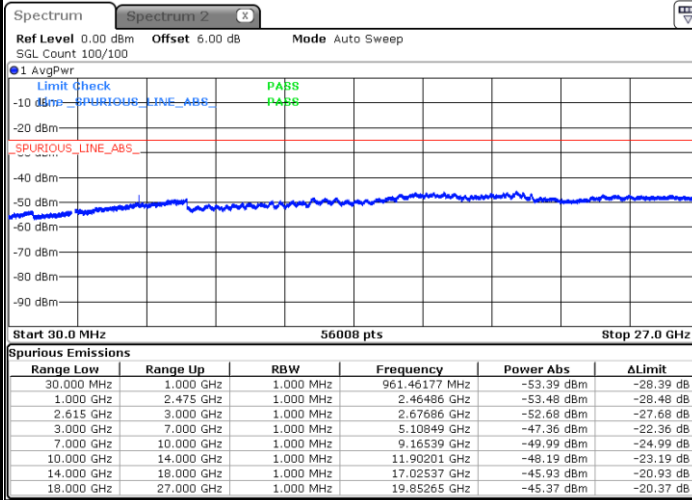


Date: 9 DEC. 2019 19:39:30



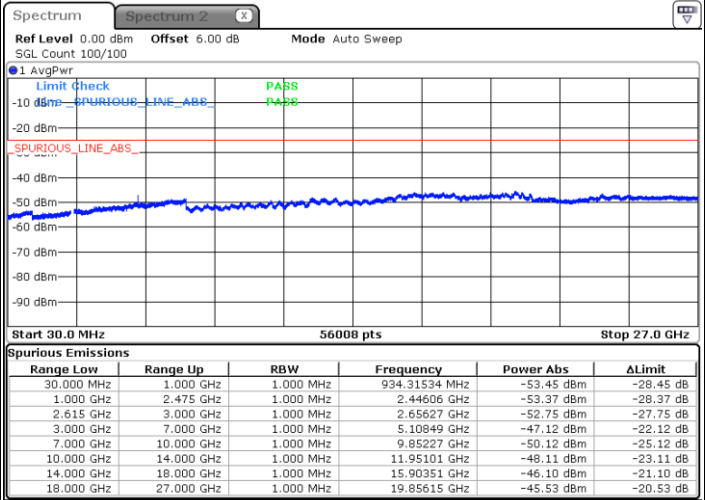
## LTE Band 7 CA / 15MHz+15MHz

## Highest Channel / QPSK



Date: 9 DEC. 2019 19:50:21

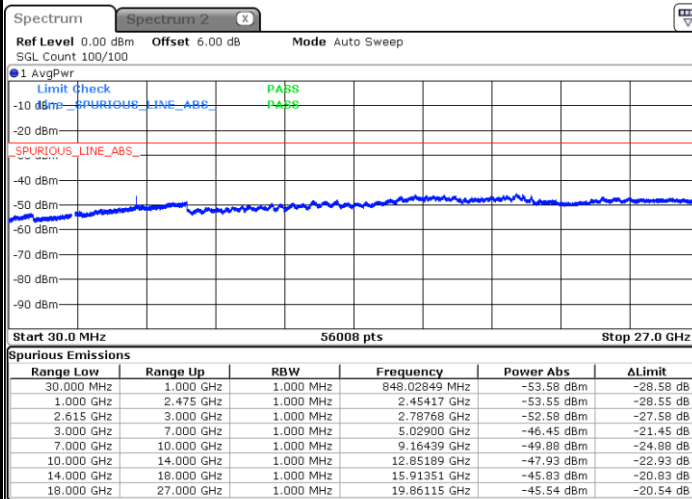
## Highest Channel / 16QAM



Date: 9 DEC. 2019 19:49:01

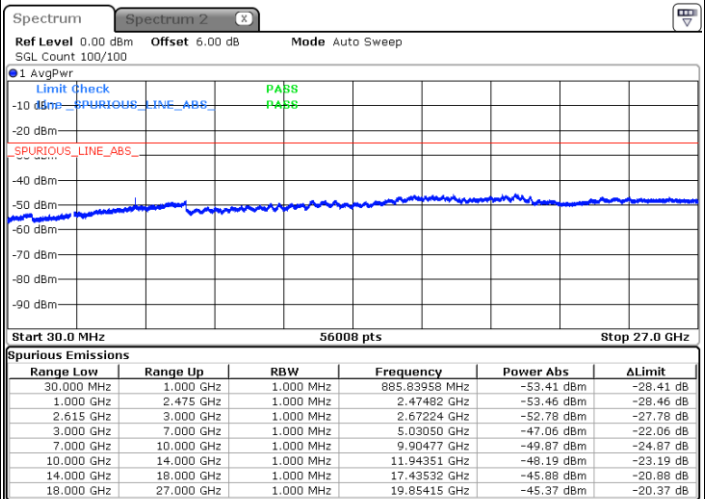
## LTE Band 7 CA / 15MHz+20MHz

## Lowest Channel / QPSK



Date: 9 DEC. 2019 19:57:59

## Lowest Channel / 16QAM

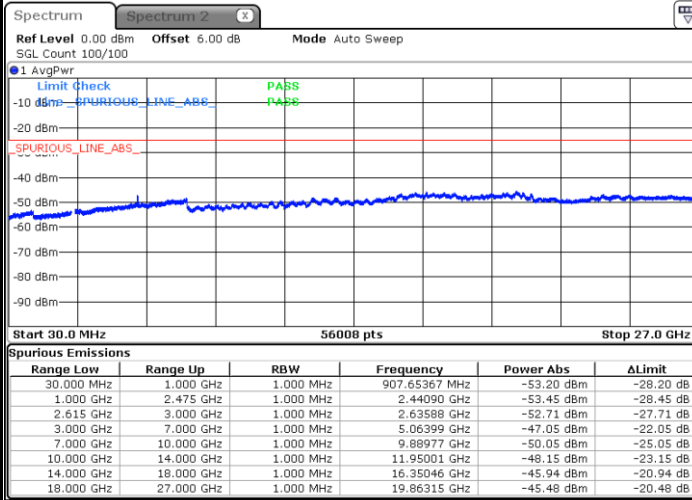


Date: 9 DEC. 2019 19:59:11



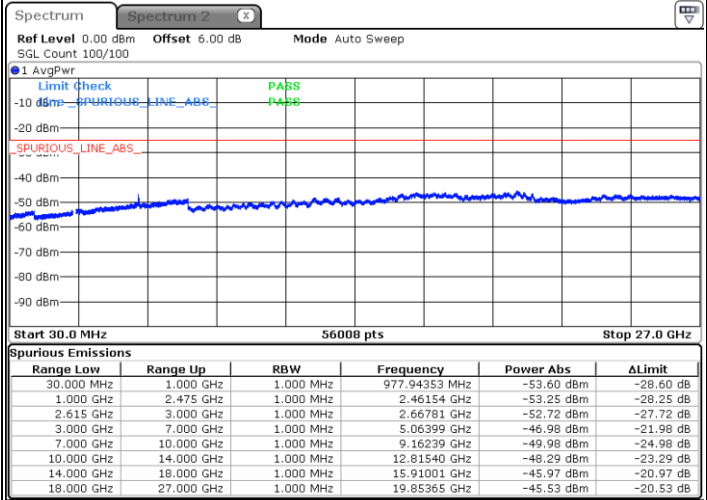
## LTE Band 7 CA / 15MHz+20MHz

## Middle Channel / QPSK



Date: 9 DEC. 2019 20:04:38

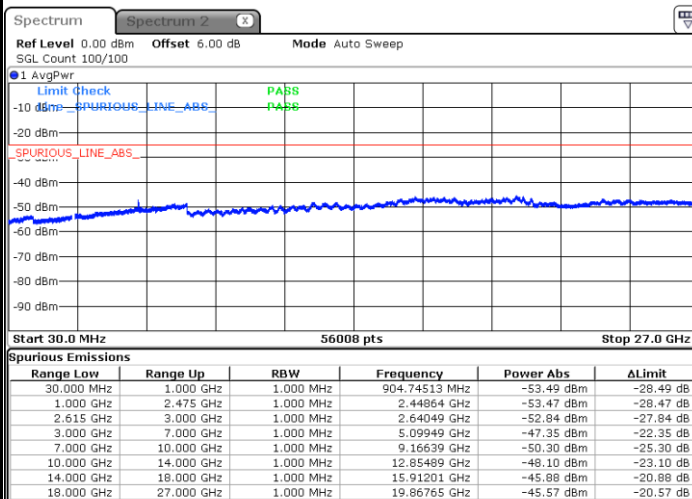
## Middle Channel / 16QAM



Date: 9 DEC. 2019 20:03:34

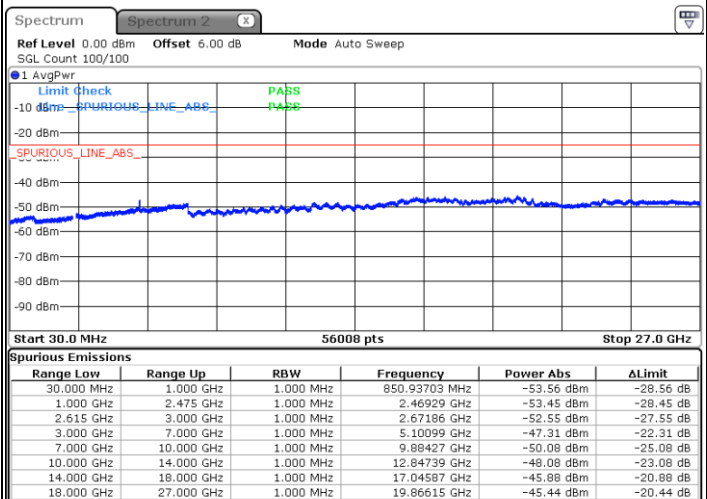
## LTE Band 7 CA / 15MHz+20MHz

## Highest Channel / QPSK



Date: 9 DEC. 2019 20:17:18

## Highest Channel / 16QAM

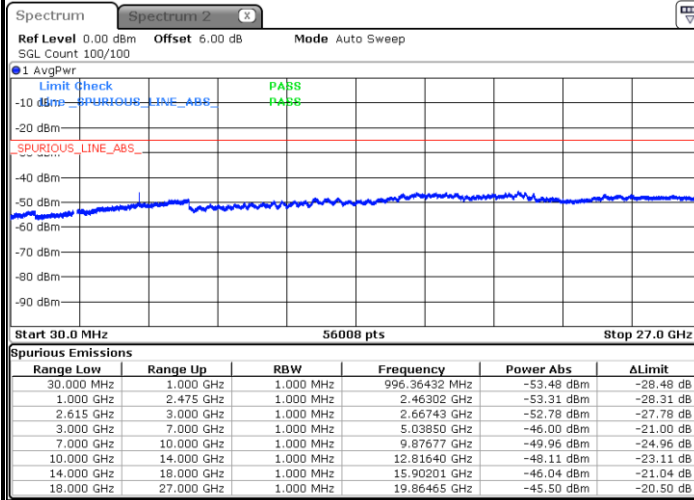


Date: 9 DEC. 2019 20:13:15



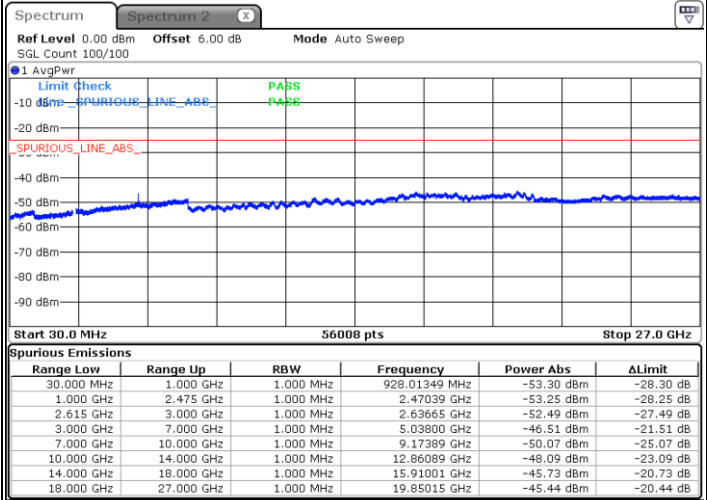
## LTE Band 7 CA / 20MHz+10MHz

## Lowest Channel / QPSK



Date: 9 DEC. 2019 18:53:25

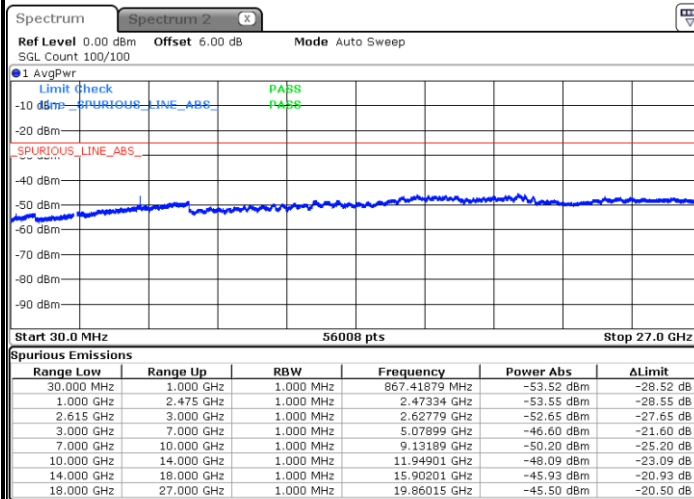
## Lowest Channel / 16QAM



Date: 9 DEC. 2019 18:54:42

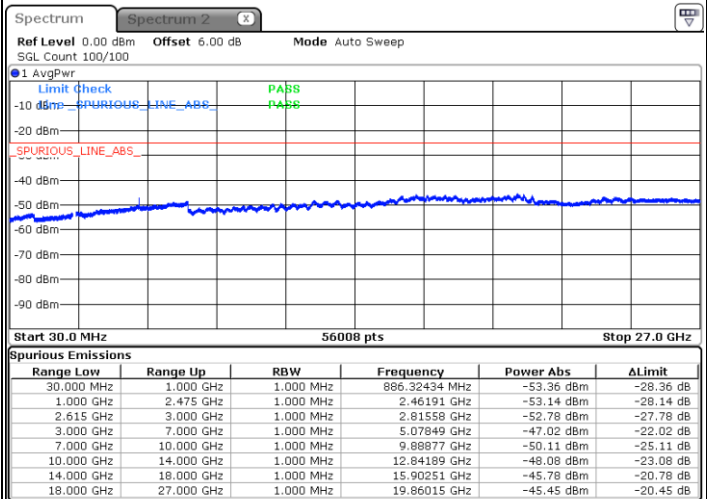
## LTE Band 7 CA / 20MHz+10MHz

## Middle Channel / QPSK



Date: 9 DEC. 2019 18:59:45

## Middle Channel / 16QAM

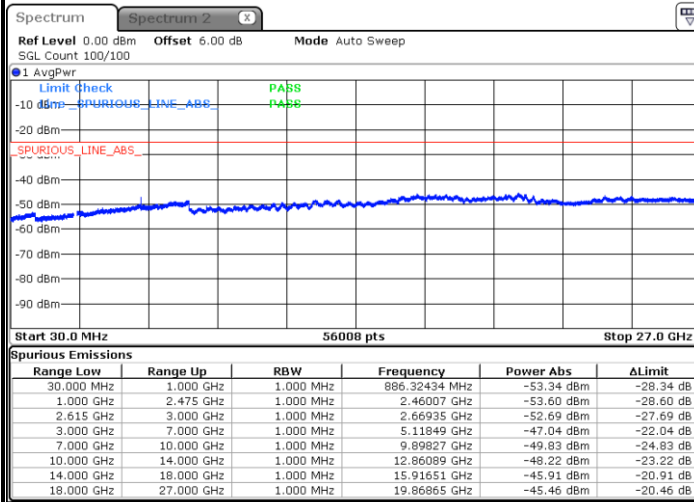


Date: 9 DEC. 2019 18:58:40



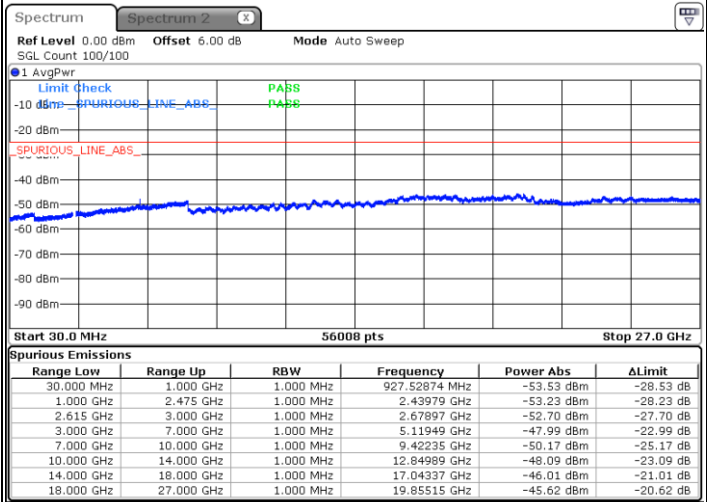
## LTE Band 7 CA / 20MHz+10MHz

## Highest Channel / QPSK



Date: 9 DEC. 2019 19:10:45

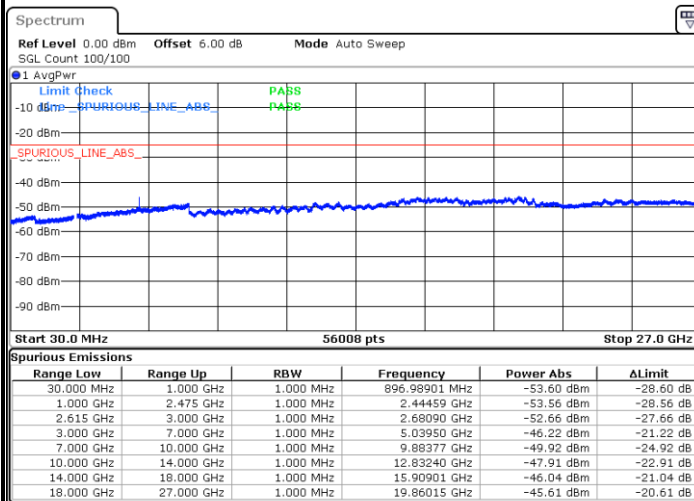
## Highest Channel / 16QAM



Date: 9 DEC. 2019 19:08:46

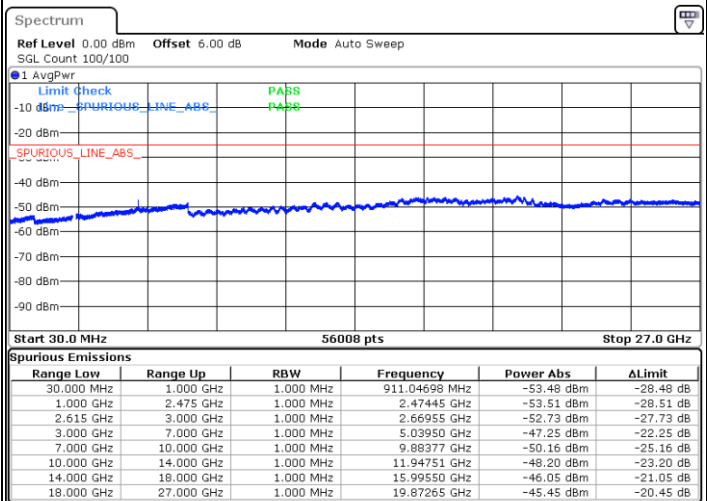
## LTE Band 7 CA / 20MHz+15MHz

## Lowest Channel / QPSK



Date: 10 DEC. 2019 11:57:44

## Lowest Channel / 16QAM

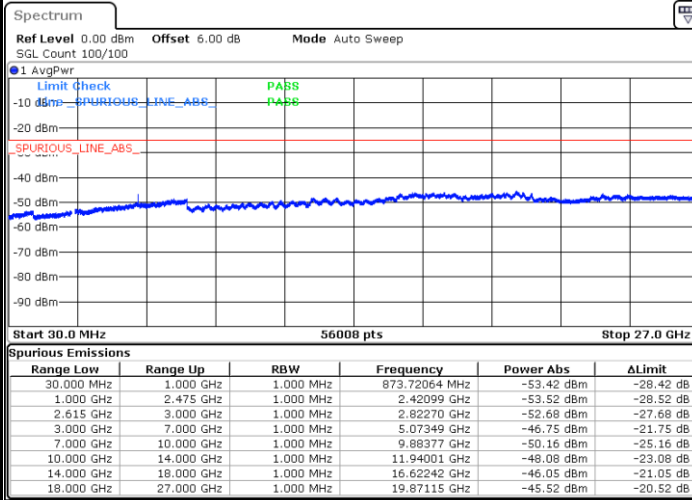


Date: 10 DEC. 2019 11:58:54



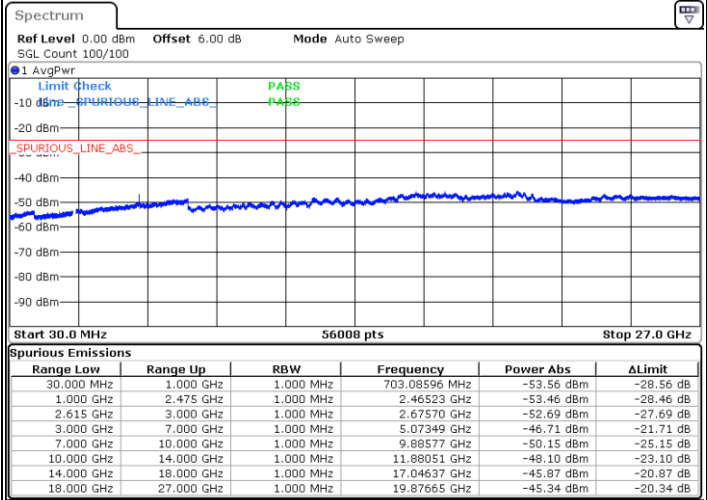
## LTE Band 7 CA / 20MHz+15MHz

## Middle Channel / QPSK



Date: 10 DEC 2019 12:08:23

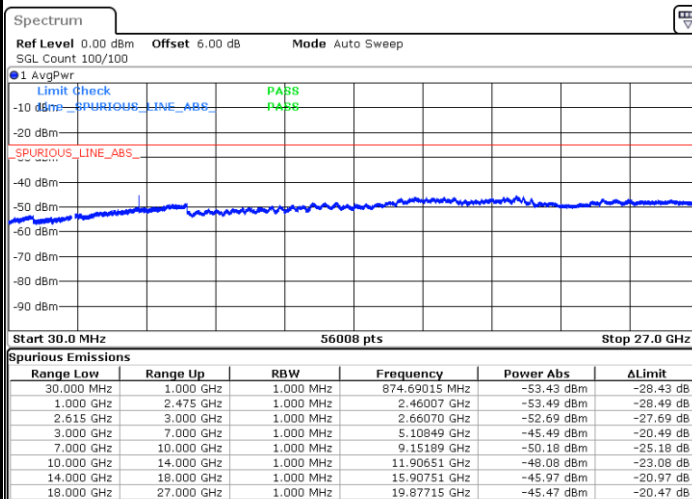
## Middle Channel / 16QAM



Date: 10 DEC 2019 12:07:22

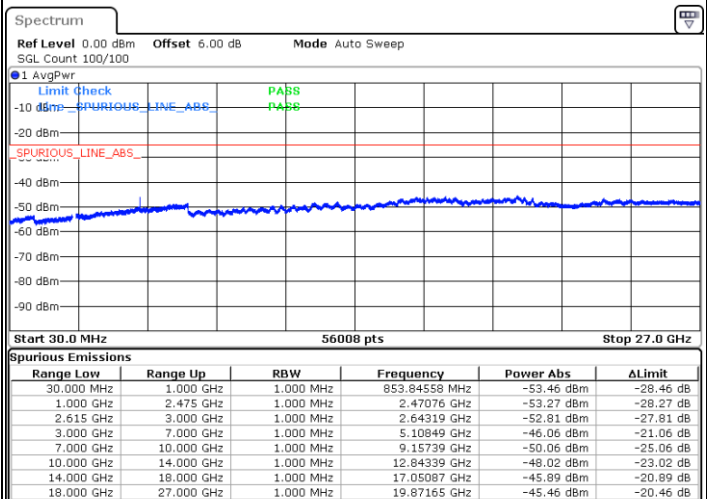
## LTE Band 7 CA / 20MHz+15MHz

## Highest Channel / QPSK



Date: 10 DEC 2019 13:58:32

## Highest Channel / 16QAM

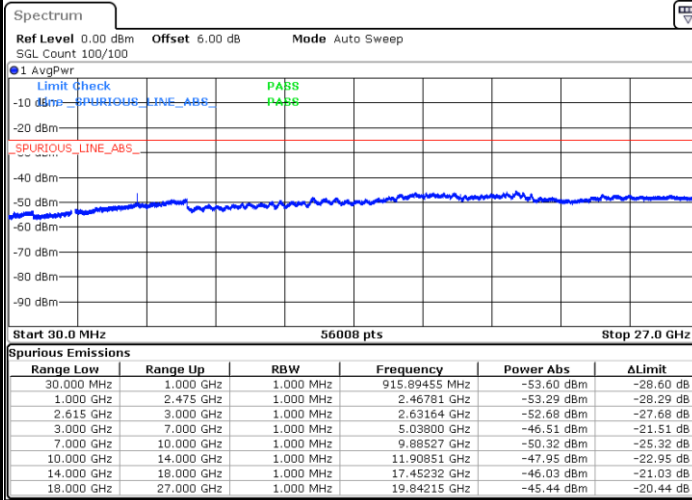


Date: 10 DEC 2019 14:00:10



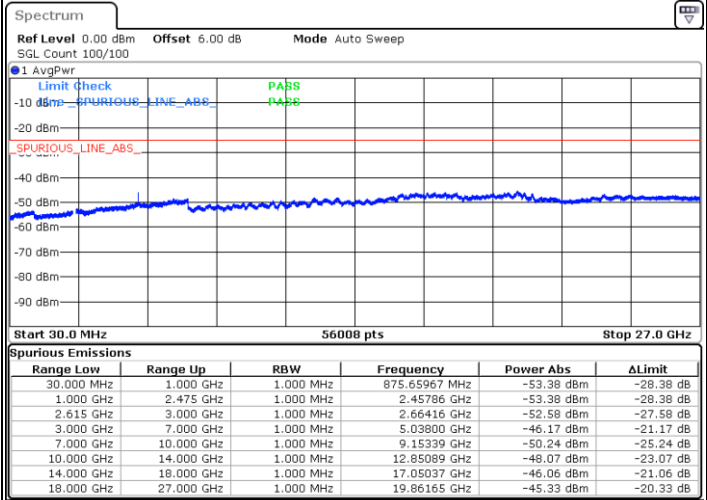
## LTE Band 7 CA / 20MHz+20MHz

## Lowest Channel / QPSK



Date: 10 DEC 2019 14:15:12

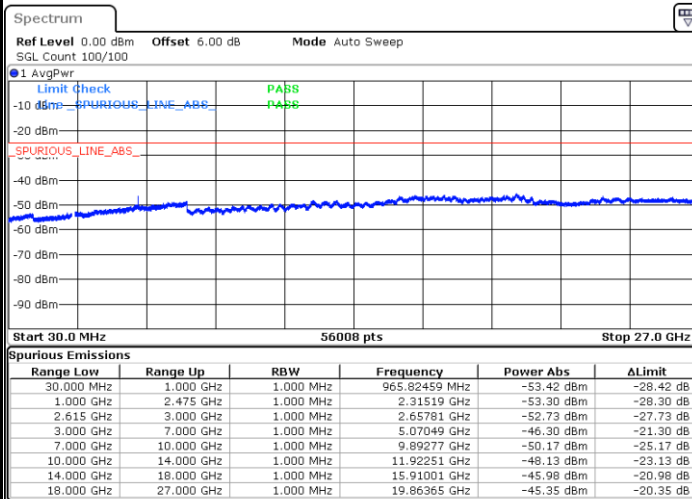
## Lowest Channel / 16QAM



Date: 10 DEC 2019 14:13:54

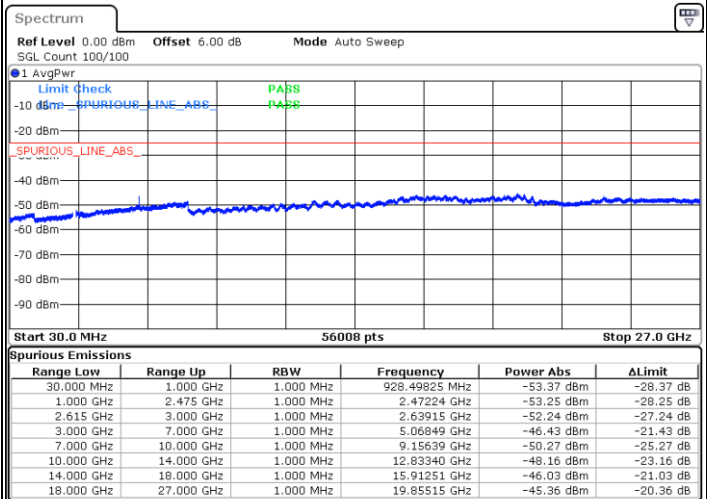
## LTE Band 7 CA / 20MHz+20MHz

## Middle Channel / QPSK



Date: 10 DEC 2019 14:25:45

## Middle Channel / 16QAM

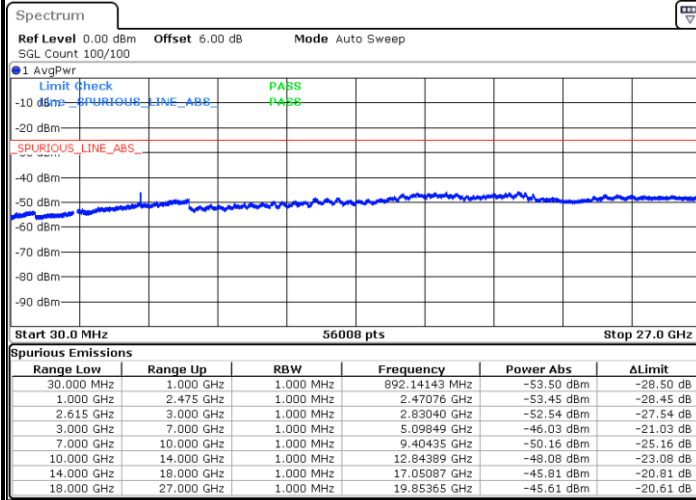


Date: 10 DEC 2019 14:24:43



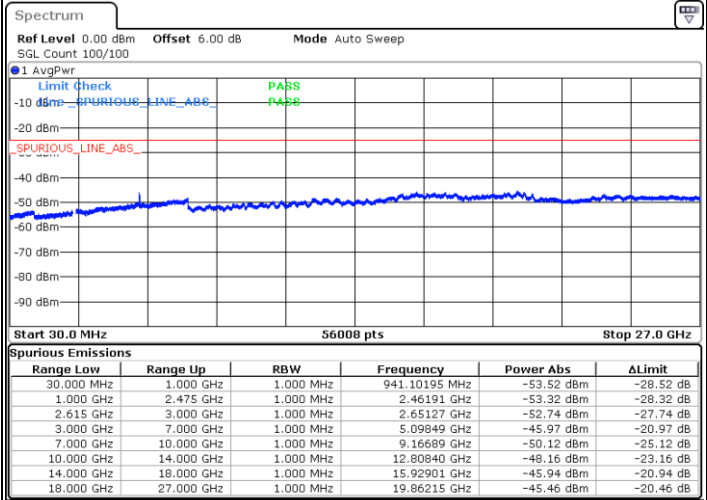
## LTE Band 7 CA / 20MHz+20MHz

## Highest Channel / QPSK



Date: 10 DEC 2019 14:27:20

## Highest Channel / 16QAM



Date: 10 DEC 2019 14:28:52

## Frequency Stability

| Test Conditions  |                   | LTE Band 7 CA (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|---------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 20+20MHz                           | Note 2. |
|                  |                   | Deviation (ppm)                       | Result  |
| 50               | Normal Voltage    | 0.0018                                | PASS    |
| 40               | Normal Voltage    | 0.0010                                |         |
| 30               | Normal Voltage    | 0.0003                                |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                                |         |
| 10               | Normal Voltage    | 0.0025                                |         |
| 0                | Normal Voltage    | 0.0018                                |         |
| -10              | Normal Voltage    | 0.0003                                |         |
| -20              | Normal Voltage    | 0.0001                                |         |
| -30              | Normal Voltage    | 0.0006                                |         |
| 20               | Maximum Voltage   | 0.0009                                |         |
| 20               | Normal Voltage    | 0.0006                                |         |
| 20               | Battery End Point | 0.0012                                |         |

**Note:**

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.2 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 / 20MHz / QPSK |                      |                 |                  |                         |                          |                            |                             |                       |
|---------------------------|----------------------|-----------------|------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                   | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                    | 3741                 | -45.79          | -13              | -32.79                  | -58.05                   | 2.64                       | 14.90                       | H                     |
|                           | 5613                 | -28.37          | -13              | -15.37                  | -40.23                   | 2.94                       | 14.80                       | H                     |
|                           | 7488                 | -30.58          | -13              | -17.58                  | -40.35                   | 3.39                       | 13.16                       | H                     |
|                           | 9360                 | -30.68          | -13              | -17.68                  | -41.16                   | 4.00                       | 14.48                       | H                     |
|                           | 11232                | -28.77          | -13              | -15.77                  | -38.28                   | 4.23                       | 13.74                       | H                     |
|                           | 13092                | -30.72          | -13              | -17.72                  | -40.56                   | 4.49                       | 14.32                       | H                     |
|                           | 14964                | -34.12          | -13              | -21.12                  | -44.37                   | 4.94                       | 15.19                       | H                     |
|                           | 16836                | -32.76          | -13              | -19.76                  | -42.65                   | 5.01                       | 14.90                       | H                     |
|                           | 3741                 | -49.25          | -13              | -36.25                  | -61.51                   | 2.64                       | 14.90                       | V                     |
|                           | 5613                 | -35.14          | -13              | -22.14                  | -47.00                   | 2.94                       | 14.80                       | V                     |
|                           | 7488                 | -32.61          | -13              | -19.61                  | -42.38                   | 3.39                       | 13.16                       | V                     |
|                           | 9360                 | -29.63          | -13              | -16.63                  | -40.11                   | 4.00                       | 14.48                       | V                     |
|                           | 11232                | -26.45          | -13              | -13.45                  | -35.96                   | 4.23                       | 13.74                       | V                     |
|                           | 13092                | -34.87          | -13              | -21.87                  | -44.71                   | 4.49                       | 14.32                       | V                     |
|                           | 14964                | -34.46          | -13              | -21.46                  | -44.71                   | 4.94                       | 15.19                       | V                     |
|                           | 16836                | -32.77          | -13              | -19.77                  | -42.66                   | 5.01                       | 14.90                       | 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 ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                    | 3447              | -52.00       | -13           | -39.00            | -62.74             | 2.604                | 13.34                 | H                  |
|                           | 5172              | -35.34       | -13           | -22.34            | -45.85             | 3.011                | 13.52                 | H                  |
|                           | 6888              | -41.61       | -13           | -28.61            | -51.81             | 3.271                | 13.47                 | H                  |
|                           | 8616              | -36.72       | -13           | -23.72            | -43.69             | 5.527                | 12.5                  | H                  |
|                           | 10344             | -34.87       | -13           | -21.87            | -41.73             | 6.038                | 12.9                  | H                  |
|                           | 12060             | -37.51       | -13           | -24.51            | -44.71             | 6.726                | 13.93                 | H                  |
|                           | 13788             | -33.63       | -13           | -20.63            | -41.07             | 6.963                | 14.4                  | H                  |
|                           | 15516             | -35.44       | -13           | -22.44            | -42.07             | 7.57                 | 14.2                  | H                  |
|                           | 17232             | -39.54       | -13           | -26.54            | -45.11             | 8.063                | 13.63                 | H                  |
|                           | 3447              | -56.59       | -13           | -43.59            | -67.33             | 2.604                | 13.34                 | V                  |
|                           | 5172              | -38.02       | -13           | -25.02            | -48.53             | 3.011                | 13.52                 | V                  |
|                           | 6888              | -42.65       | -13           | -29.65            | -52.85             | 3.271                | 13.47                 | V                  |
|                           | 8616              | -32.59       | -13           | -19.59            | -39.56             | 5.527                | 12.50                 | V                  |
|                           | 10344             | -31.59       | -13           | -18.59            | -38.45             | 6.038                | 12.90                 | V                  |
|                           | 12060             | -34.00       | -13           | -21.00            | -41.20             | 6.726                | 13.93                 | V                  |
|                           | 13788             | -36.06       | -13           | -23.06            | -43.50             | 6.963                | 14.40                 | V                  |
|                           | 15516             | -36.34       | -13           | -23.34            | -42.97             | 7.57                 | 14.20                 | V                  |
|                           | 17232             | -39.55       | -13           | -26.55            | -45.12             | 8.063                | 13.63                 | V                  |

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

| LTE Band 7 / 20MHz / QPSK |                   |              |               |                   |                    |                      |                       |                    |
|---------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                   | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                    | 5052              | -43.98       | -25           | -18.98            | -54.19             | 3.03                 | 13.24                 | H                  |
|                           | 7576              | -38.26       | -25           | -13.26            | -47.71             | 3.56                 | 13.01                 | H                  |
|                           | 10100             | -34.31       | -25           | -9.31             | -43.83             | 3.92                 | 13.44                 | H                  |
|                           | 12630             | -30.74       | -25           | -5.74             | -40.66             | 4.44                 | 14.36                 | H                  |
|                           | 15160             | -42.28       | -25           | -17.28            | -52.65             | 4.77                 | 15.14                 | H                  |
|                           | 17680             | -47.61       | -25           | -22.61            | -57.74             | 5.25                 | 15.38                 | H                  |
|                           | 5052              | -40.02       | -25           | -15.02            | -50.23             | 3.03                 | 13.24                 | V                  |
|                           | 7580              | -40.22       | -25           | -15.22            | -49.67             | 3.56                 | 13.01                 | V                  |
|                           | 10100             | -42.52       | -25           | -17.52            | -52.04             | 3.92                 | 13.44                 | V                  |
|                           | 12630             | -28.44       | -25           | -3.44             | -38.36             | 4.44                 | 14.36                 | V                  |
|                           | 15160             | -37.58       | -25           | -12.58            | -47.95             | 4.77                 | 15.14                 | V                  |
|                           | 17680             | -39.40       | -25           | -14.40            | -49.53             | 5.25                 | 15.38                 | 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 ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                     | 1406              | -57.55       | -13           | -44.55            | -64.52             | 1.58                 | 10.70                 | H                  |
|                            | 2110              | -55.53       | -13           | -42.53            | -63.78             | 2.10                 | 12.50                 | H                  |
|                            | 2812              | -50.43       | -13           | -37.43            | -59.32             | 2.86                 | 13.90                 | H                  |
|                            | 3516              | -51.08       | -13           | -38.08            | -59.54             | 2.69                 | 13.30                 | H                  |
|                            | 4218              | -57.03       | -13           | -44.03            | -64.79             | 3.09                 | 13.00                 | H                  |
|                            | 4920              | -46.75       | -13           | -33.75            | -55.52             | 3.18                 | 14.10                 | H                  |
|                            | 5622              | -53.32       | -13           | -40.32            | -60.56             | 3.31                 | 12.70                 | H                  |
|                            | 6330              | -49.29       | -13           | -36.29            | -56.88             | 3.41                 | 13.15                 | H                  |
|                            | 7032              | -50.45       | -13           | -37.45            | -58.35             | 3.86                 | 13.91                 | H                  |
|                            | 1406              | -61.08       | -13           | -48.08            | -68.05             | 1.58                 | 10.70                 | V                  |
|                            | 2110              | -61.19       | -13           | -48.19            | -69.44             | 2.10                 | 12.50                 | V                  |
|                            | 2812              | -57.91       | -13           | -44.91            | -66.80             | 2.86                 | 13.90                 | V                  |
|                            | 3516              | -59.41       | -13           | -46.41            | -67.87             | 2.69                 | 13.30                 | V                  |
|                            | 4218              | -58.59       | -13           | -45.59            | -66.35             | 3.09                 | 13.00                 | V                  |
|                            | 4920              | -51.38       | -13           | -38.38            | -60.15             | 3.18                 | 14.10                 | V                  |
|                            | 5622              | -53.76       | -13           | -40.76            | -61.00             | 3.31                 | 12.70                 | V                  |
|                            | 6330              | -52.50       | -13           | -39.50            | -60.09             | 3.41                 | 13.15                 | V                  |
|                            | 7032              | -51.19       | -13           | -38.19            | -59.09             | 3.86                 | 13.91                 | 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 ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                    | 1560              | -58.42       | -42.15        | -16.27            | -61.05             | 1.09                 | 5.87                  | H                  |
|                           | 2340              | -54.23       | -13           | -41.23            | -56.63             | 1.37                 | 5.92                  | H                  |
|                           | 3120              | -43.54       | -13           | -30.54            | -47.43             | 1.64                 | 7.68                  | H                  |
|                           | 3900              | -57.60       | -13           | -44.60            | -62.98             | 1.91                 | 9.44                  | H                  |
|                           | 4680              | -58.76       | -13           | -45.76            | -65.63             | 2.18                 | 11.20                 | H                  |
|                           | 5460              | -51.42       | -13           | -38.42            | -59.78             | 2.45                 | 12.96                 | H                  |
|                           | 6240              | -56.53       | -13           | -43.53            | -66.38             | 2.72                 | 14.72                 | H                  |
|                           | 7020              | -53.65       | -13           | -40.65            | -64.99             | 2.99                 | 16.48                 | H                  |
|                           | 7800              | -51.64       | -13           | -38.64            | -64.47             | 3.26                 | 18.24                 | H                  |
|                           | 1560              | -63.11       | -42.15        | -20.96            | -65.74             | 1.09                 | 5.87                  | V                  |
|                           | 2340              | -58.86       | -13           | -45.86            | -61.26             | 1.37                 | 5.92                  | V                  |
|                           | 3120              | -47.95       | -13           | -34.95            | -51.84             | 1.64                 | 7.68                  | V                  |
|                           | 3900              | -60.22       | -13           | -47.22            | -65.60             | 1.91                 | 9.44                  | V                  |
|                           | 4680              | -59.51       | -13           | -46.51            | -66.38             | 2.18                 | 11.20                 | V                  |
|                           | 5460              | -55.02       | -13           | -42.02            | -63.38             | 2.45                 | 12.96                 | V                  |
|                           | 6240              | -57.18       | -13           | -44.18            | -67.03             | 2.72                 | 14.72                 | V                  |
|                           | 7020              | -54.01       | -13           | -41.01            | -65.35             | 2.99                 | 16.48                 | V                  |
|                           | 7800              | -51.69       | -13           | -38.69            | -64.52             | 3.26                 | 18.24                 | 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 ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                     | 1556              | -59.09       | -42.15        | -16.94            | -61.72             | 1.09                 | 5.87                  | H                  |
|                            | 2332              | -55.41       | -13           | -42.41            | -57.81             | 1.37                 | 5.92                  | H                  |
|                            | 3108              | -45.35       | -13           | -32.35            | -49.24             | 1.64                 | 7.68                  | H                  |
|                            | 3888              | -57.75       | -13           | -44.75            | -63.13             | 1.91                 | 9.44                  | H                  |
|                            | 4668              | -57.46       | -13           | -44.46            | -64.33             | 2.18                 | 11.20                 | H                  |
|                            | 5442              | -52.39       | -13           | -39.39            | -60.75             | 2.45                 | 12.96                 | H                  |
|                            | 6222              | -56.35       | -13           | -43.35            | -66.20             | 2.72                 | 14.72                 | H                  |
|                            | 1556              | -64.21       | -42.15        | -22.06            | -66.84             | 1.09                 | 5.87                  | V                  |
|                            | 2332              | -60.64       | -13           | -47.64            | -63.04             | 1.37                 | 5.92                  | V                  |
|                            | 3108              | -49.77       | -13           | -36.77            | -53.66             | 1.64                 | 7.68                  | V                  |
|                            | 3888              | -59.86       | -13           | -46.86            | -65.24             | 1.91                 | 9.44                  | V                  |
|                            | 4668              | -59.13       | -13           | -46.13            | -66.00             | 2.18                 | 11.20                 | V                  |
|                            | 5442              | -56.05       | -13           | -43.05            | -64.41             | 2.45                 | 12.96                 | V                  |
|                            | 6220.72           | -56.82       | -13           | -43.82            | -66.67             | 2.72                 | 14.72                 | V                  |

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

| LTE Band 26 / 15MHz / QPSK |                   |              |               |                   |                    |                      |                       |                    |
|----------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                    | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                     | 1660              | -56.29       | -13           | -43.29            | -63.26             | 1.58                 | 10.70                 | H                  |
|                            | 2490              | -57.89       | -13           | -44.89            | -66.14             | 2.102                | 12.50                 | H                  |
|                            | 3318              | -56.43       | -13           | -43.43            | -65.32             | 2.856                | 13.90                 | H                  |
|                            | 4146              | -55.62       | -13           | -42.62            | -64.08             | 2.689                | 13.30                 | H                  |
|                            | 4980              | -51.57       | -13           | -38.57            | -59.33             | 3.093                | 13.00                 | H                  |
|                            | 5808              | -50.14       | -13           | -37.14            | -58.91             | 3.178                | 14.10                 | H                  |
|                            | 1660              | -62.74       | -13           | -49.74            | -69.71             | 1.58                 | 10.70                 | V                  |
|                            | 2490              | -59.92       | -13           | -46.92            | -68.17             | 2.10                 | 12.50                 | V                  |
|                            | 3318              | -61.46       | -13           | -48.46            | -70.35             | 2.86                 | 13.90                 | V                  |
|                            | 4146              | -58.60       | -13           | -45.60            | -67.06             | 2.69                 | 13.30                 | V                  |
|                            | 4980              | -54.98       | -13           | -41.98            | -62.74             | 3.09                 | 13.00                 | V                  |
|                            | 5808              | -54.42       | -13           | -41.42            | -63.19             | 3.18                 | 14.10                 | V                  |

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



| LTE Band 41 / 20MHz / QPSK |                   |              |               |                   |                    |                      |                       |                    |
|----------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                    | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                     | 5168              | -50.37       | -25           | -25.37            | -60.58             | 3.03                 | 13.24                 | H                  |
|                            | 7752              | -30.58       | -25           | -5.58             | -40.03             | 3.56                 | 13.01                 | H                  |
|                            | 10340             | -36.22       | -25           | -11.22            | -45.74             | 3.92                 | 13.44                 | H                  |
|                            | 12920             | -36.57       | -25           | -11.57            | -46.49             | 4.44                 | 14.36                 | H                  |
|                            | 15500             | -42.61       | -25           | -17.61            | -52.98             | 4.77                 | 15.14                 | H                  |
|                            | 5168              | -57.81       | -25           | -32.81            | -68.02             | 3.03                 | 13.24                 | V                  |
|                            | 7752              | -30.81       | -25           | -5.81             | -40.26             | 3.56                 | 13.01                 | V                  |
|                            | 10340             | -36.15       | -25           | -11.15            | -45.67             | 3.92                 | 13.44                 | V                  |
|                            | 12920             | -32.41       | -25           | -7.41             | -42.33             | 4.44                 | 14.36                 | V                  |
|                            | 15500             | -44.07       | -25           | -19.07            | -54.44             | 4.77                 | 15.14                 | V                  |

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

| LTE Band 7C_CA / 20M+20M / QPSK |                   |              |               |                   |                    |                      |                       |                    |
|---------------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                         | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                          | 5032              | -60.82       | -25           | -35.82            | -71.03             | 3.03                 | 13.24                 | H                  |
|                                 | 7548              | -42.29       | -25           | -17.29            | -51.74             | 3.56                 | 13.01                 | H                  |
|                                 | 10060             | -50.13       | -25           | -25.13            | -59.65             | 3.92                 | 13.44                 | H                  |
|                                 | 12580             | -43.22       | -25           | -18.22            | -53.14             | 4.44                 | 14.36                 | H                  |
|                                 | 15097             | -52.07       | -25           | -27.07            | -62.44             | 4.77                 | 15.14                 | H                  |
|                                 | 5032              | -63.75       | -25           | -38.75            | -73.96             | 3.03                 | 13.24                 | V                  |
|                                 | 7548              | -43.61       | -25           | -18.61            | -53.06             | 3.56                 | 13.01                 | V                  |
|                                 | 10060             | -47.49       | -25           | -22.49            | -57.01             | 3.92                 | 13.44                 | V                  |
|                                 | 12580             | -44.96       | -25           | -19.96            | -54.88             | 4.44                 | 14.36                 | V                  |
|                                 | 15097             | -52.67       | -25           | -27.67            | -63.04             | 4.77                 | 15.14                 | V                  |

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