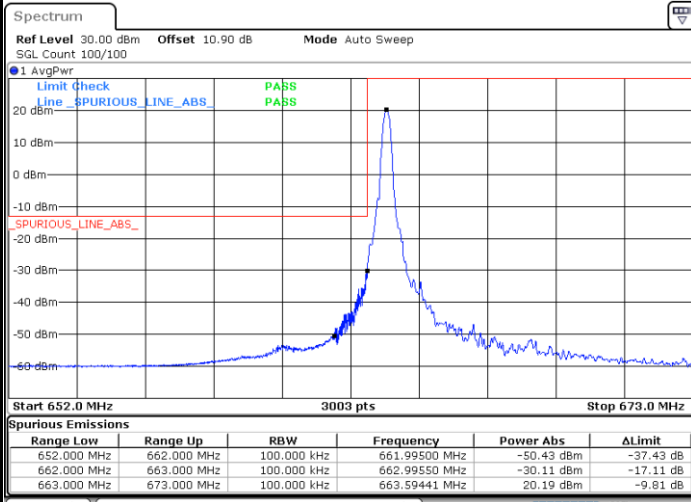




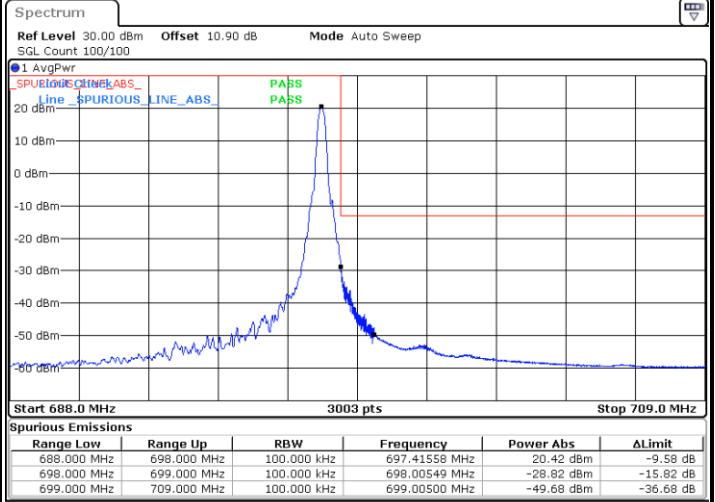
LTE Band 71 / 10MHz / QPSK

Lowest Band Edge / 1 RB



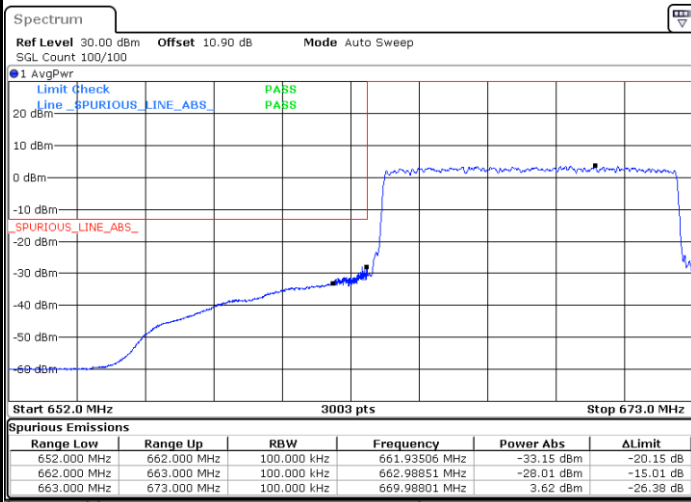
Date: 21.APR.2022 02:37:38

Highest Band Edge / 1 RB



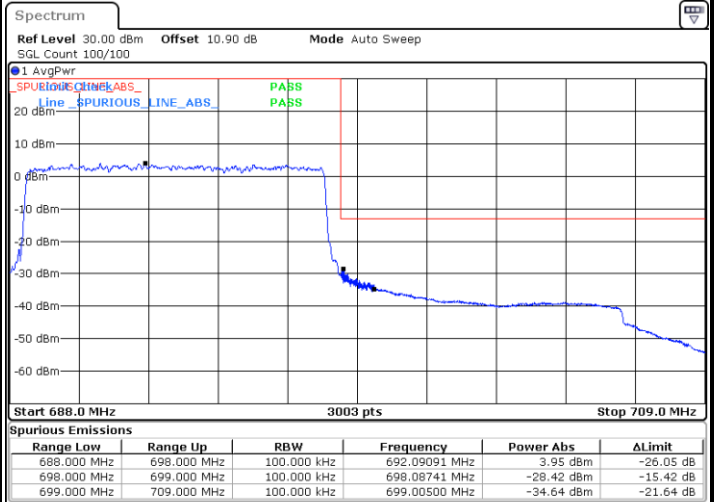
Date: 21.APR.2022 02:45:50

Lowest Band Edge / Full RB



Date: 21.APR.2022 02:39:44

Highest Band Edge / Full RB

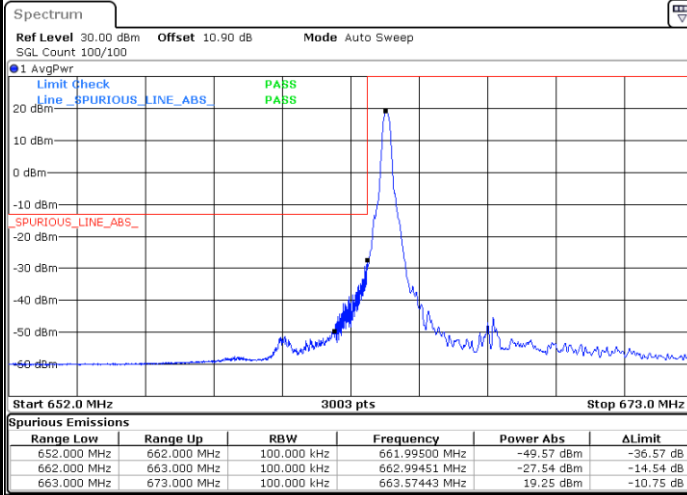


Date: 21.APR.2022 02:47:56



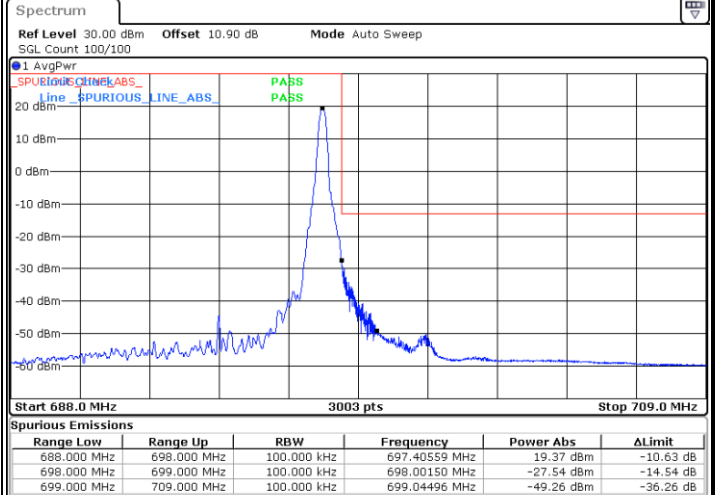
LTE Band 71 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



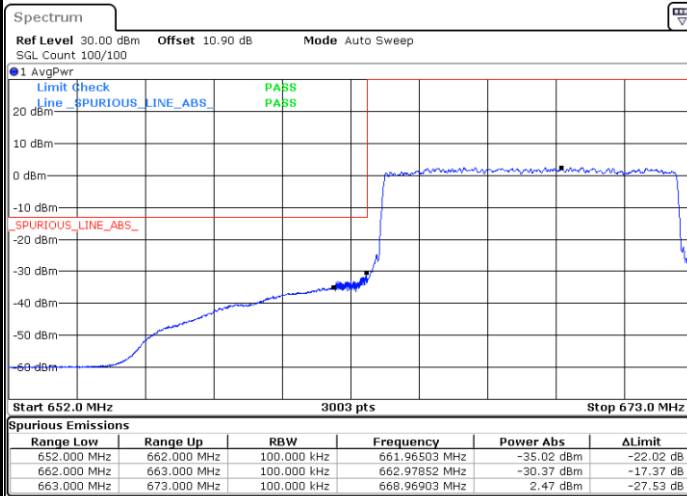
Date: 21.APR.2022 02:38:41

Highest Band Edge / 1 RB



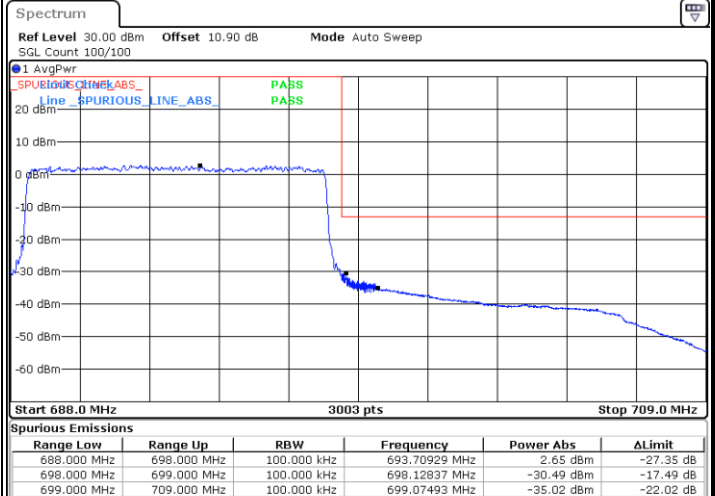
Date: 21.APR.2022 02:46:53

Lowest Band Edge / Full RB



Date: 21.APR.2022 02:40:48

Highest Band Edge / Full RB

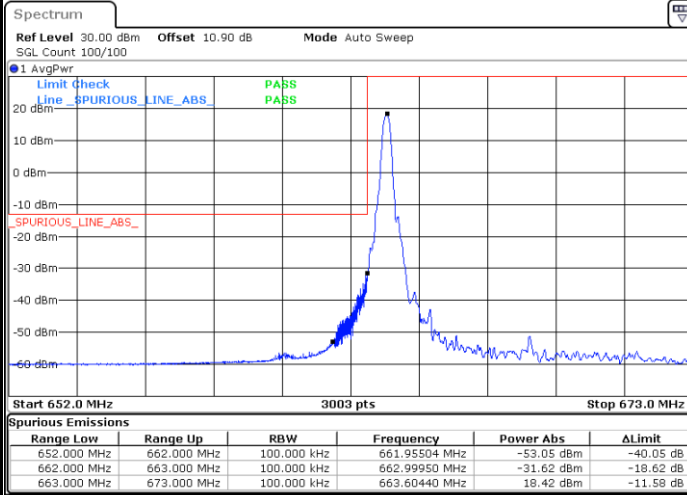


Date: 21.APR.2022 02:49:00



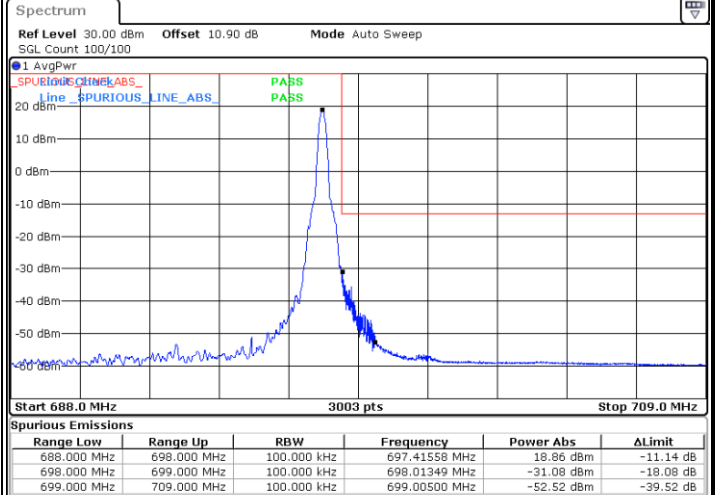
LTE Band 71 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



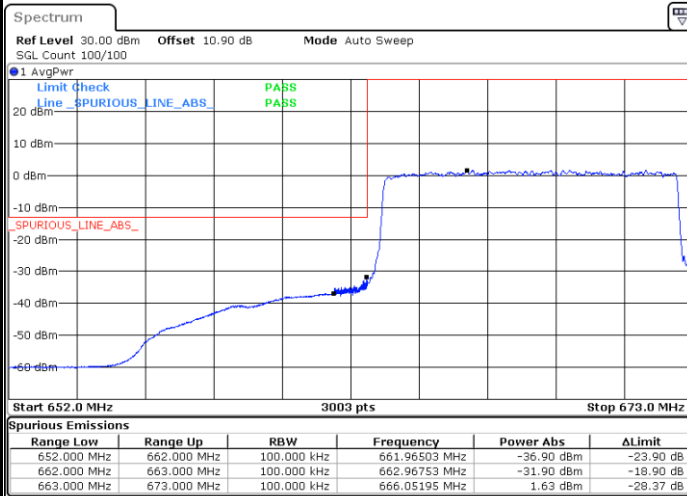
Date: 21.APR.2022 02:51:16

Highest Band Edge / 1 RB



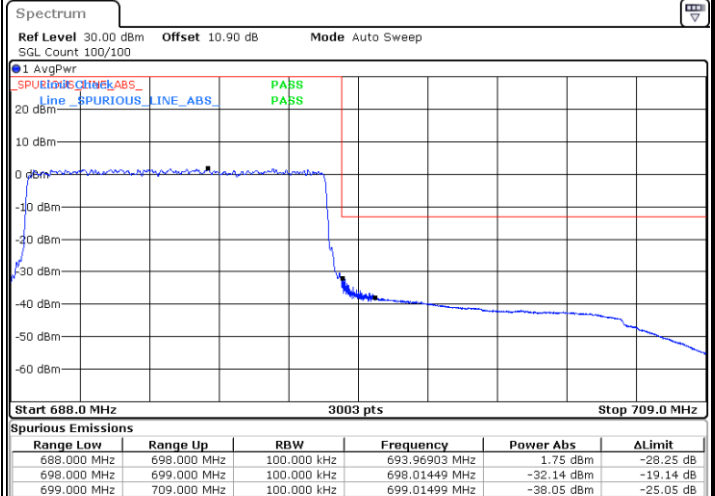
Date: 21.APR.2022 02:54:09

Lowest Band Edge / Full RB



Date: 21.APR.2022 02:52:19

Highest Band Edge / Full RB

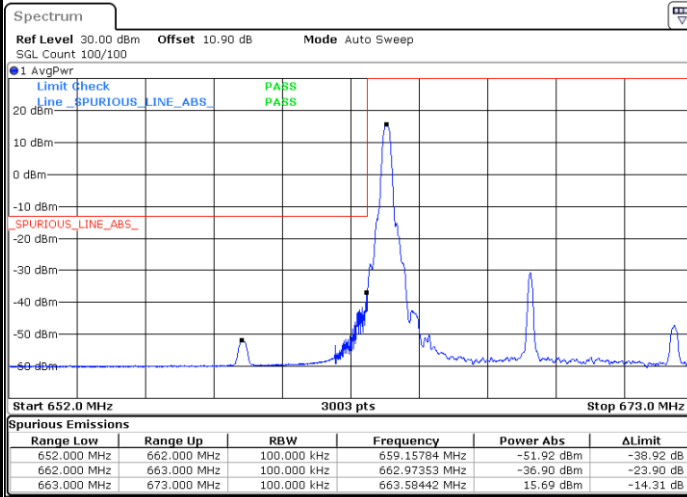


Date: 21.APR.2022 02:55:12



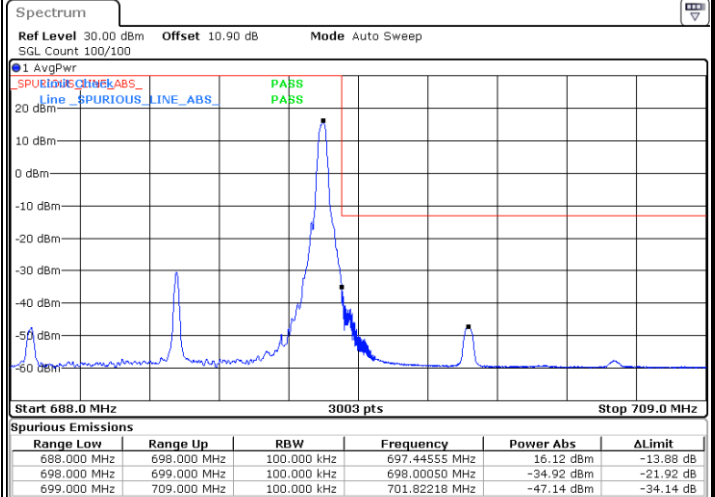
LTE Band 71 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



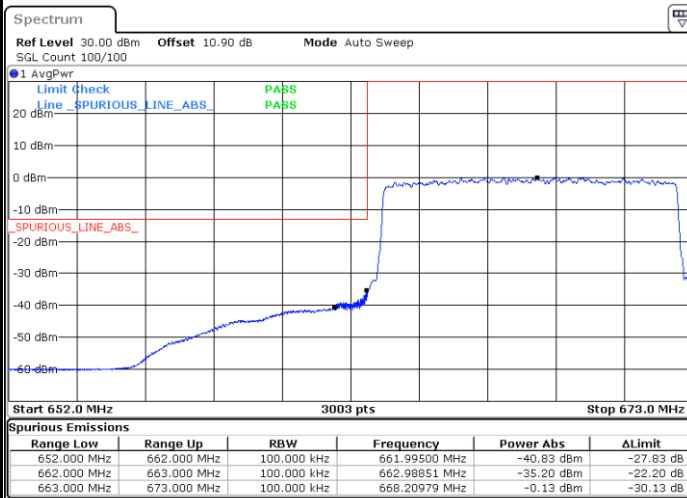
Date: 28.APR.2022 00:36:32

Highest Band Edge / 1 RB



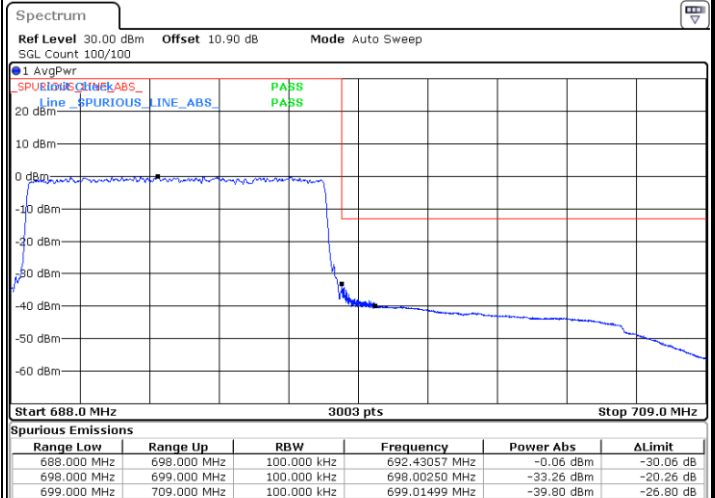
Date: 28.APR.2022 00:40:44

Lowest Band Edge / Full RB



Date: 28.APR.2022 00:37:38

Highest Band Edge / Full RB

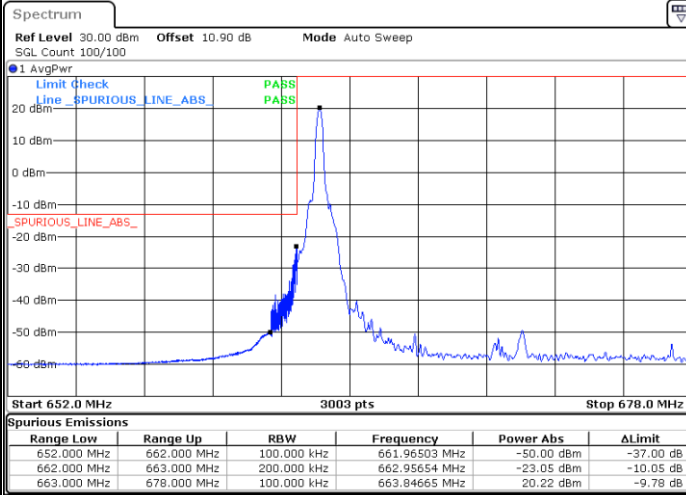


Date: 28.APR.2022 00:41:51



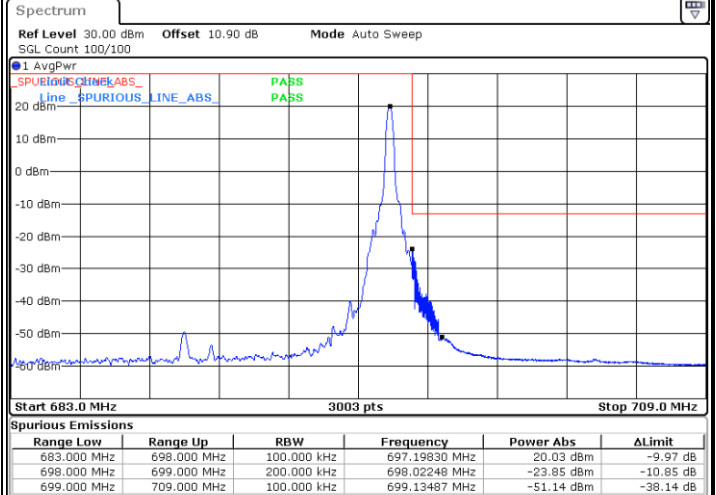
LTE Band 71 / 15MHz / QPSK

Lowest Band Edge / 1 RB



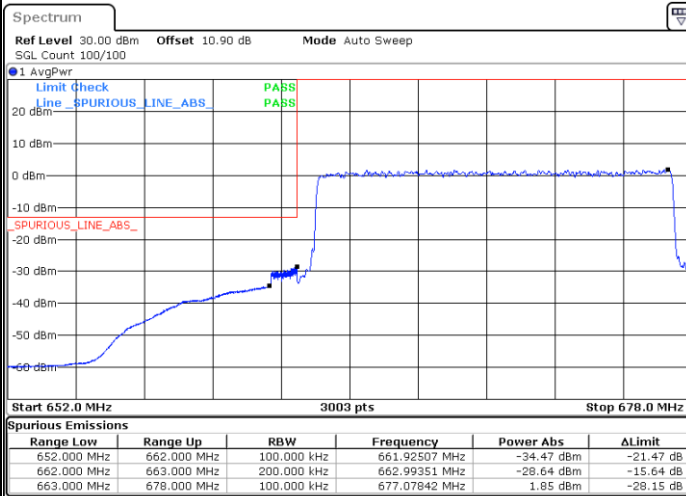
Date: 21.APR.2022 02:56:16

Highest Band Edge / 1 RB



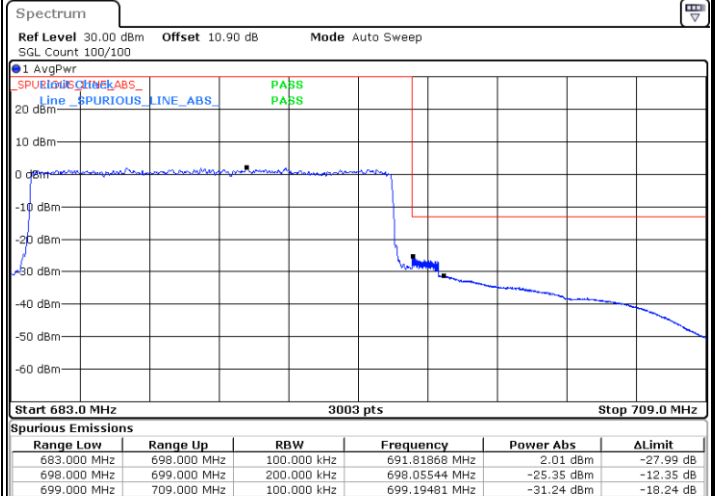
Date: 21.APR.2022 03:04:29

Lowest Band Edge / Full RB



Date: 21.APR.2022 02:58:23

Highest Band Edge / Full RB

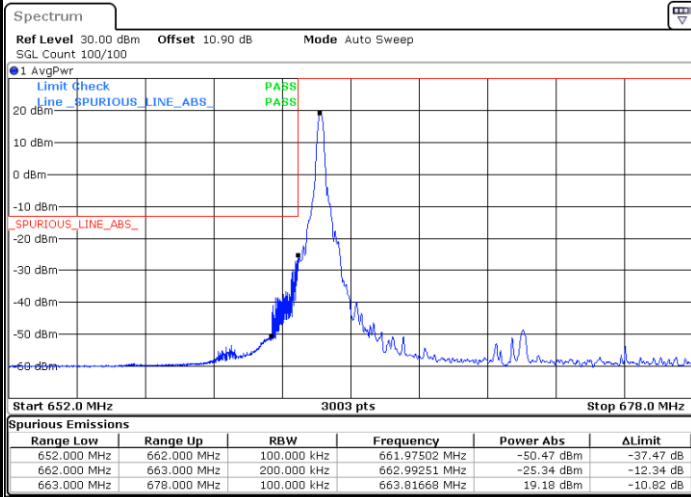


Date: 21.APR.2022 03:06:36



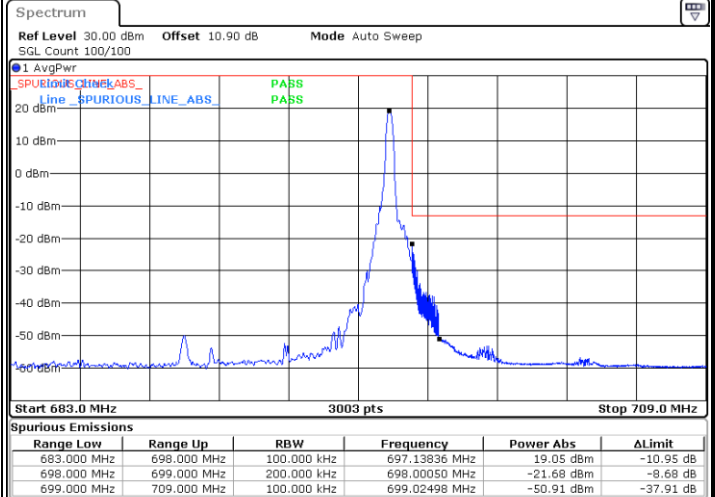
LTE Band 71 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



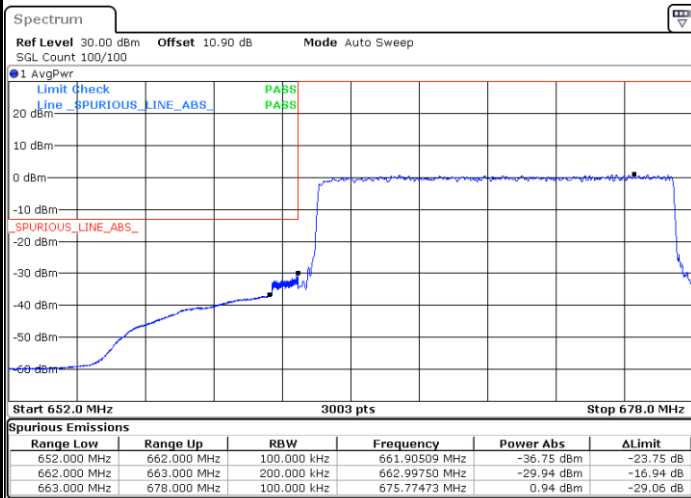
Date: 21.APR.2022 02:57:20

Highest Band Edge / 1 RB



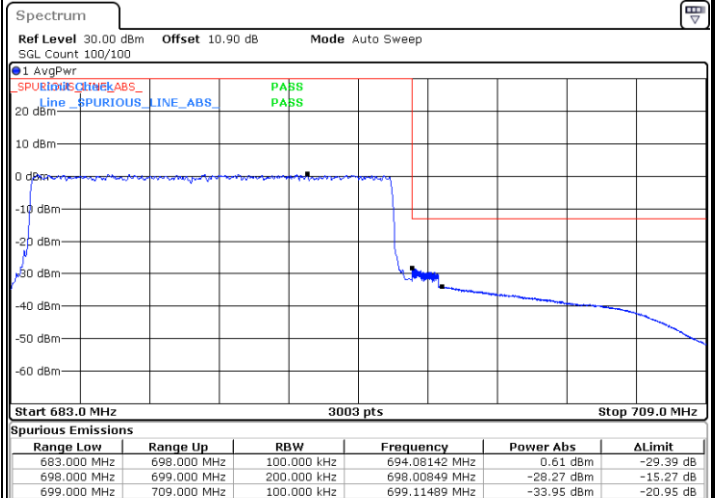
Date: 21.APR.2022 03:05:32

Lowest Band Edge / Full RB



Date: 21.APR.2022 02:59:27

Highest Band Edge / Full RB

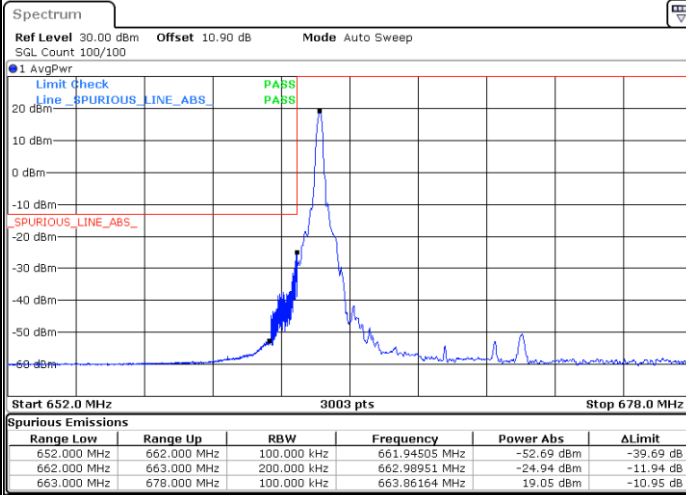


Date: 21.APR.2022 03:07:40



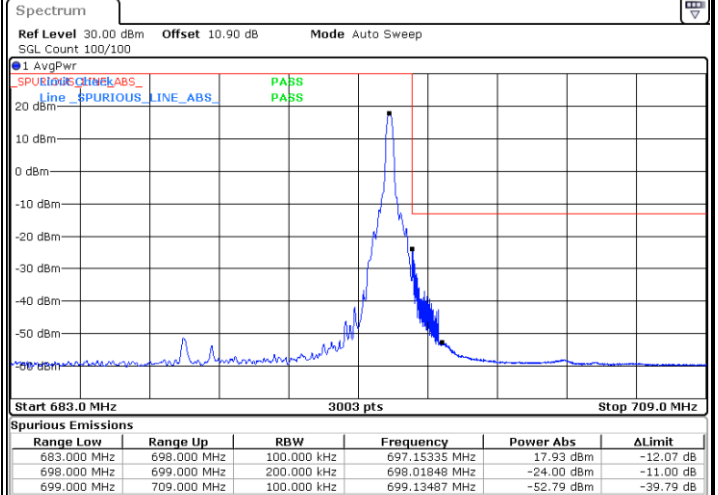
LTE Band 71 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



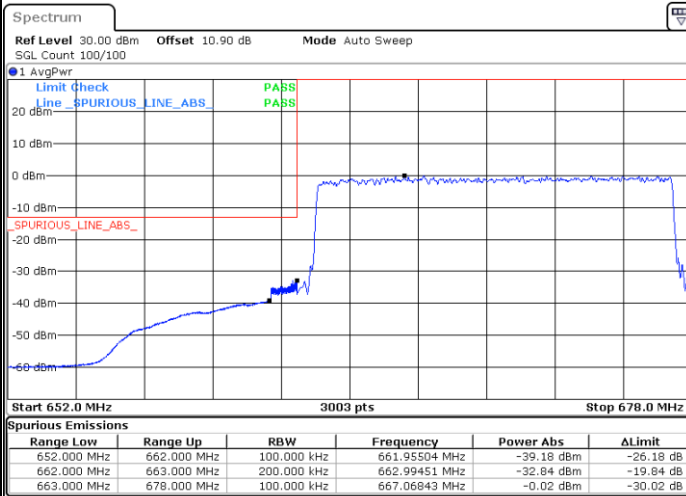
Date: 21.APR.2022 03:09:55

Highest Band Edge / 1 RB



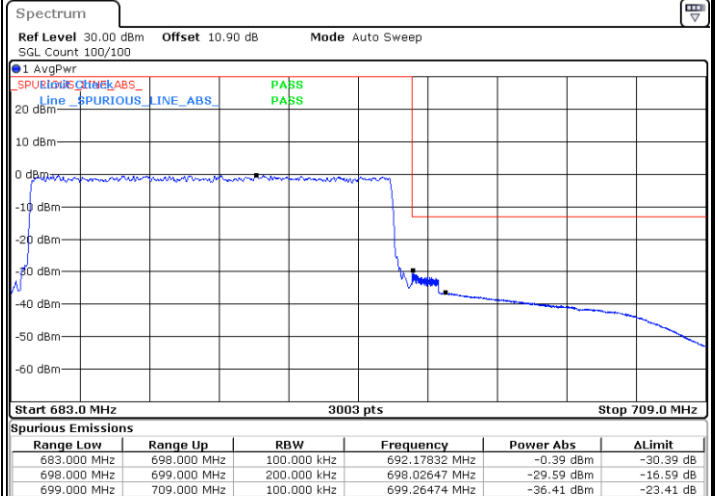
Date: 21.APR.2022 03:12:49

Lowest Band Edge / Full RB



Date: 21.APR.2022 03:10:59

Highest Band Edge / Full RB

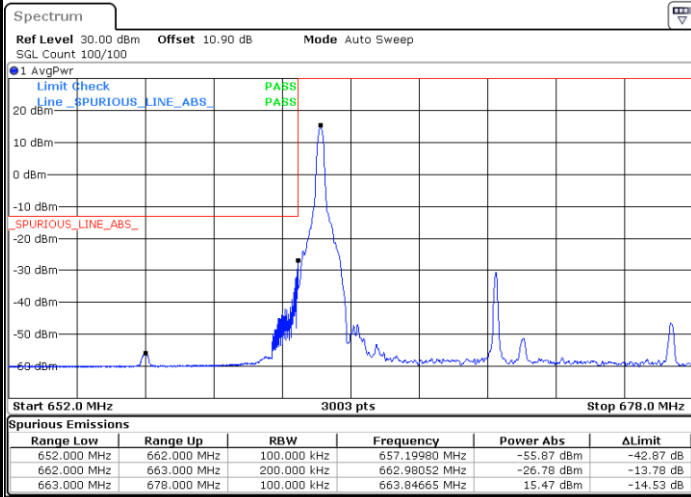


Date: 21.APR.2022 03:13:52



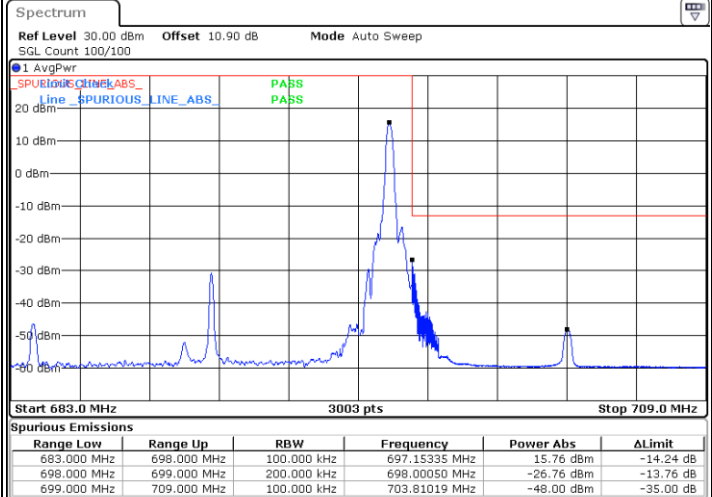
LTE Band 71 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



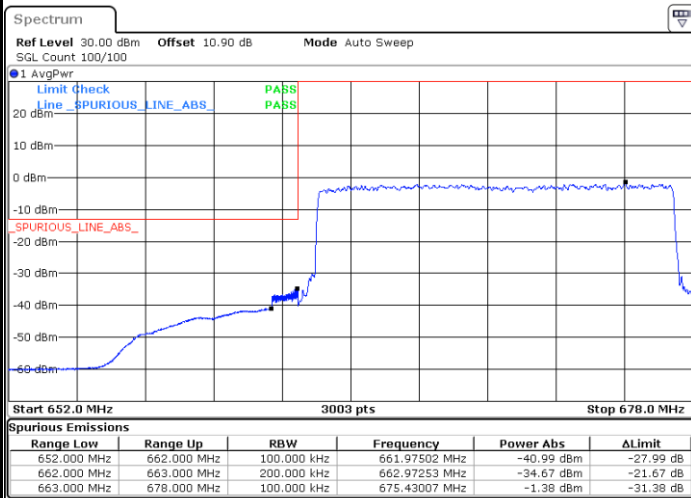
Date: 28.APR.2022 00:44:00

Highest Band Edge / 1 RB



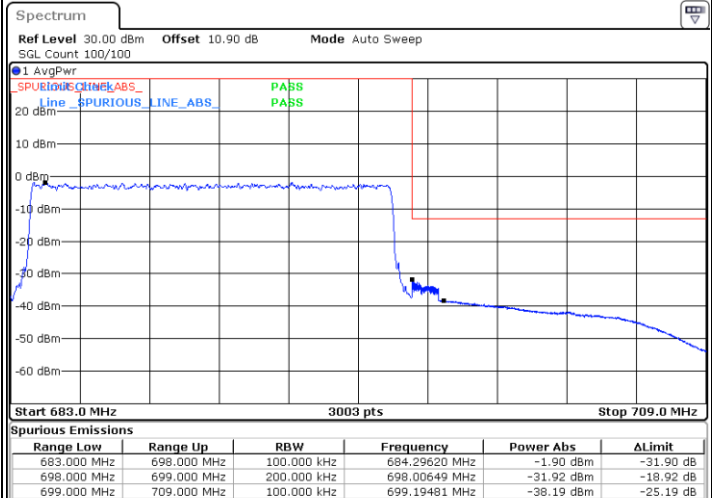
Date: 28.APR.2022 00:48:13

Lowest Band Edge / Full RB



Date: 28.APR.2022 00:45:06

Highest Band Edge / Full RB



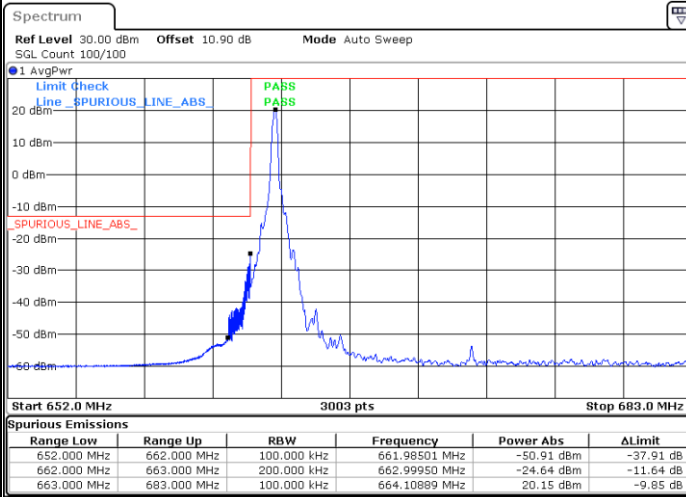
Date: 28.APR.2022 00:49:20





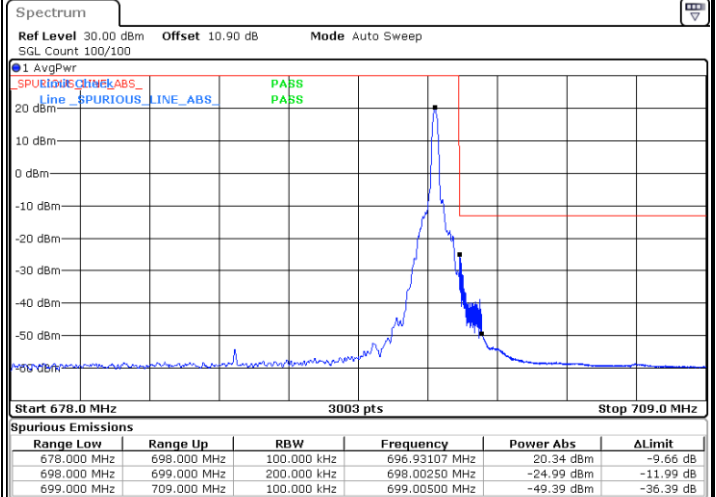
LTE Band 71 / 20MHz / QPSK

Lowest Band Edge / 1 RB



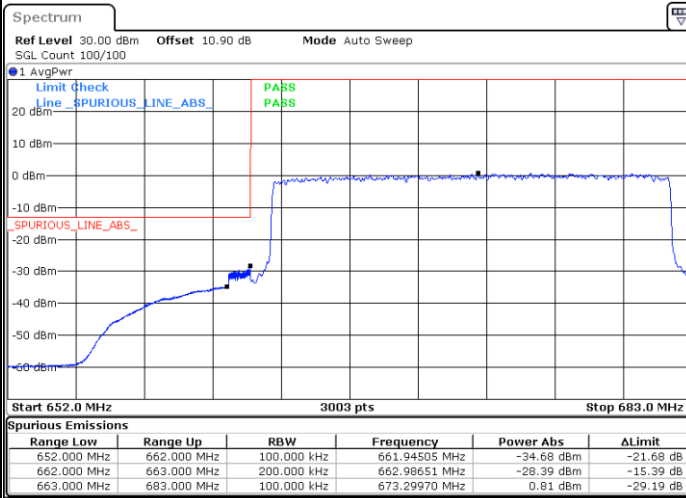
Date: 21.APR.2022 03:14:56

Highest Band Edge / 1 RB



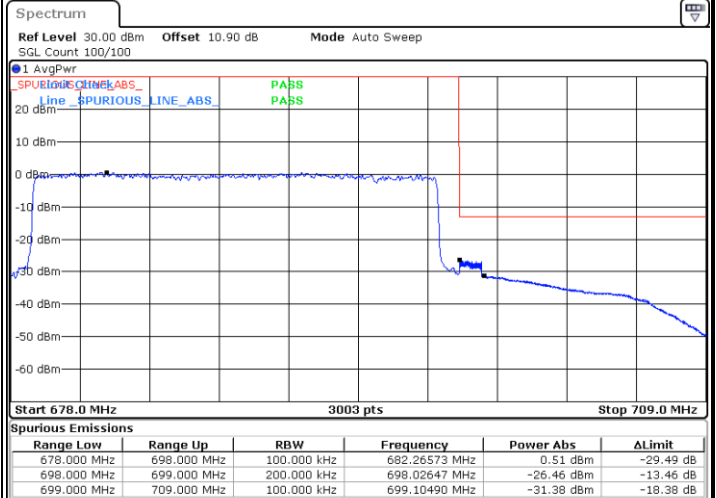
Date: 21.APR.2022 03:23:09

Lowest Band Edge / Full RB



Date: 21.APR.2022 03:17:03

Highest Band Edge / Full RB

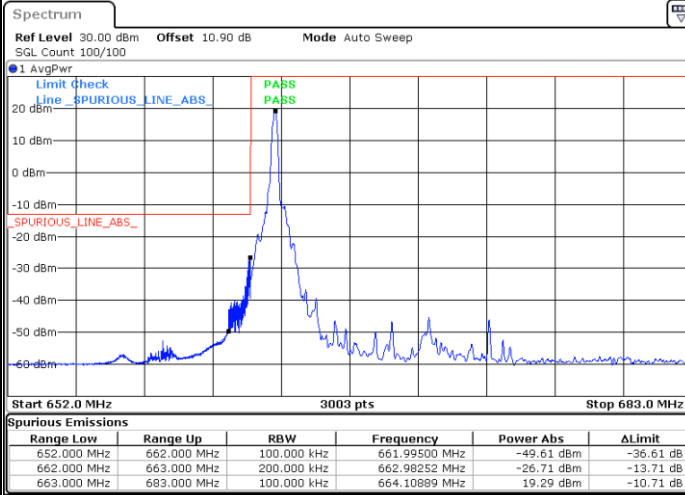


Date: 21.APR.2022 03:26:19



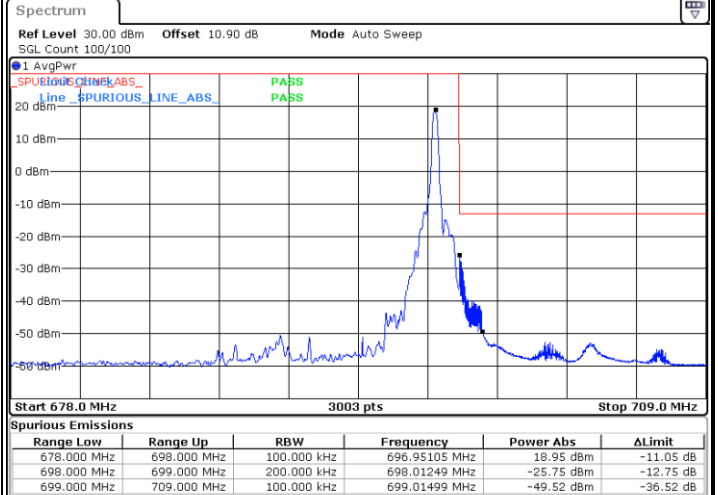
LTE Band 71 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



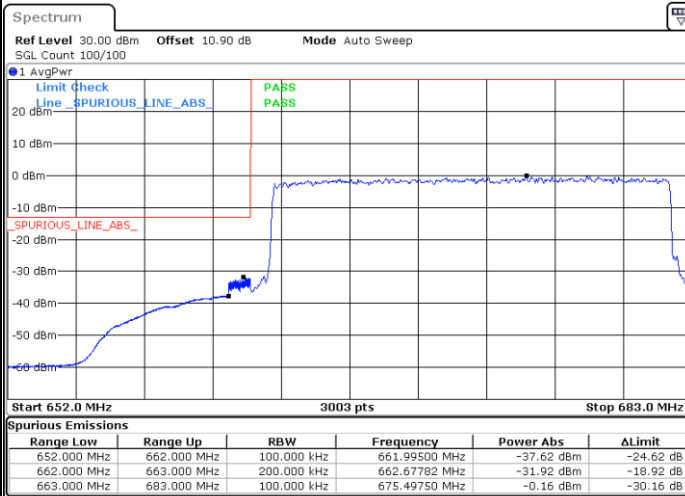
Date: 21.APR.2022 03:16:00

Highest Band Edge / 1 RB



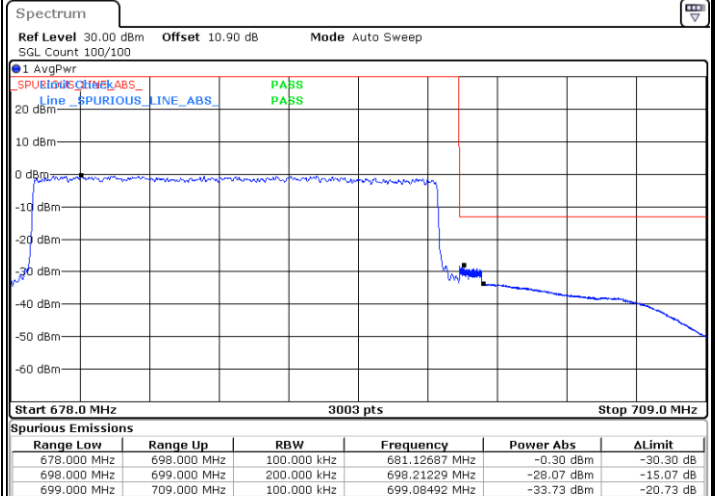
Date: 21.APR.2022 03:24:12

Lowest Band Edge / Full RB



Date: 21.APR.2022 03:18:07

Highest Band Edge / Full RB

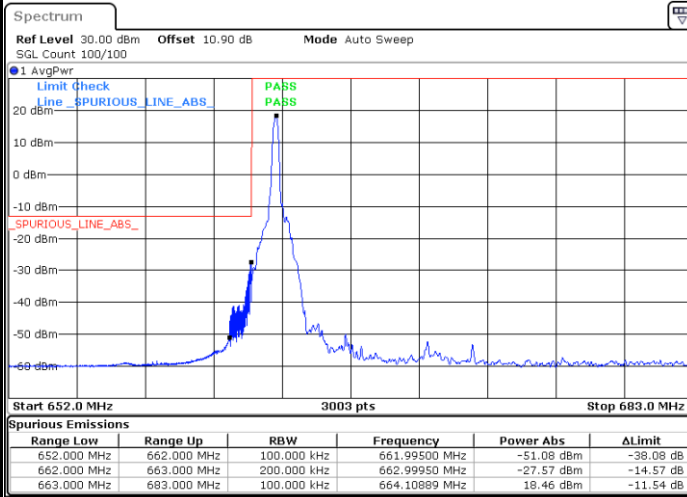


Date: 21.APR.2022 03:25:16



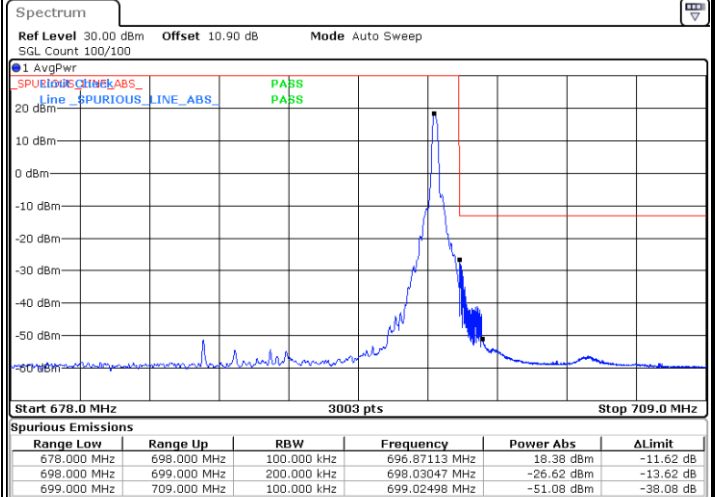
LTE Band 71 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



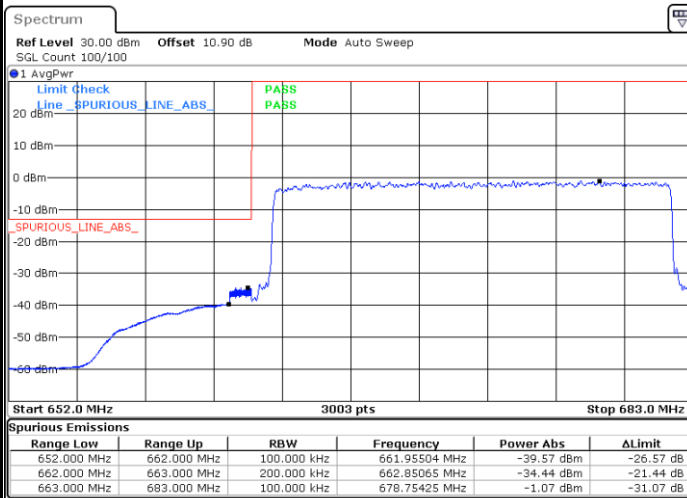
Date: 21.APR.2022 04:00:51

Highest Band Edge / 1 RB



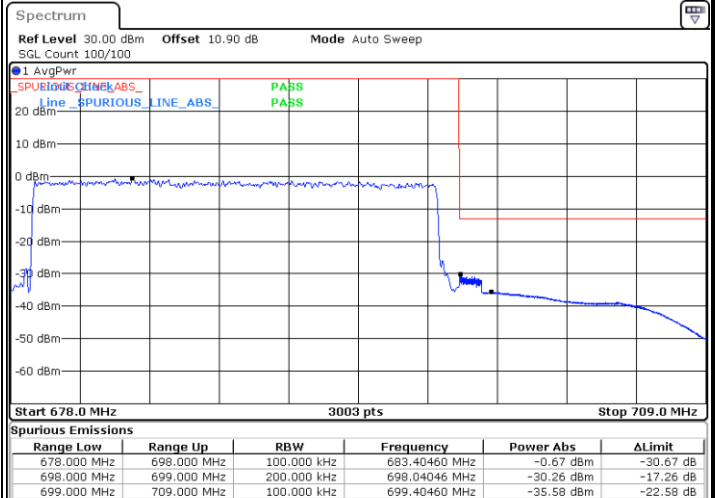
Date: 21.APR.2022 04:03:45

Lowest Band Edge / Full RB



Date: 21.APR.2022 04:01:55

Highest Band Edge / Full RB

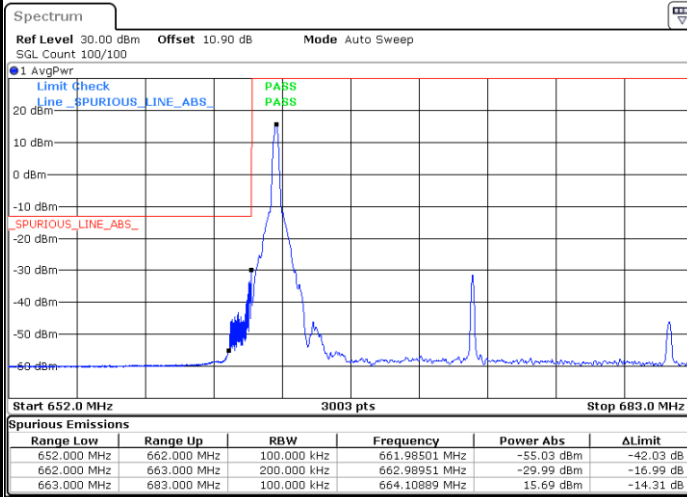


Date: 21.APR.2022 04:04:49



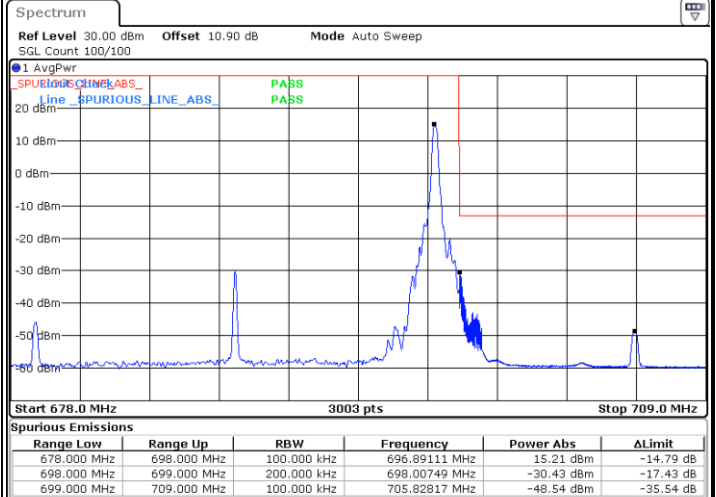
LTE Band 71 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



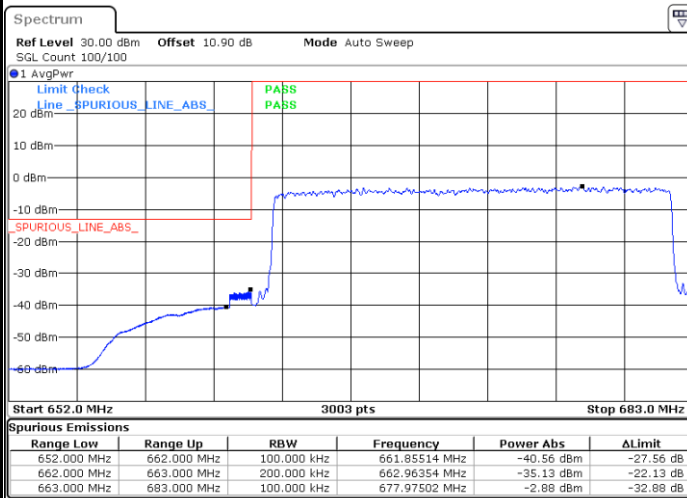
Date: 28.APR.2022 01:15:23

Highest Band Edge / 1 RB



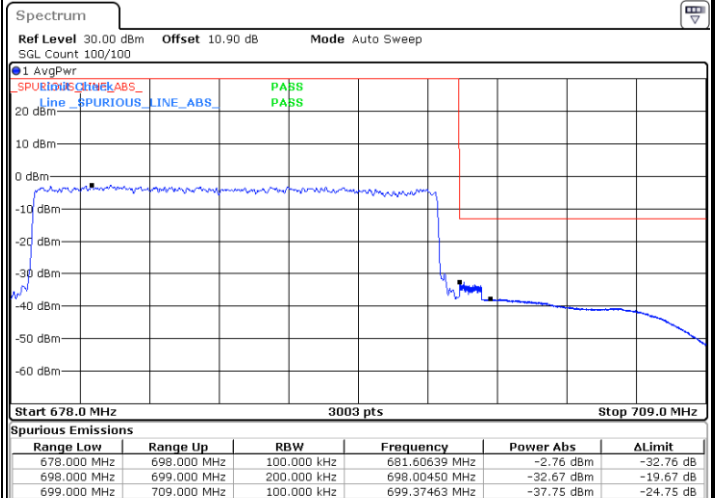
Date: 28.APR.2022 01:19:36

Lowest Band Edge / Full RB



Date: 28.APR.2022 01:16:30

Highest Band Edge / Full RB



Date: 28.APR.2022 01:20:42

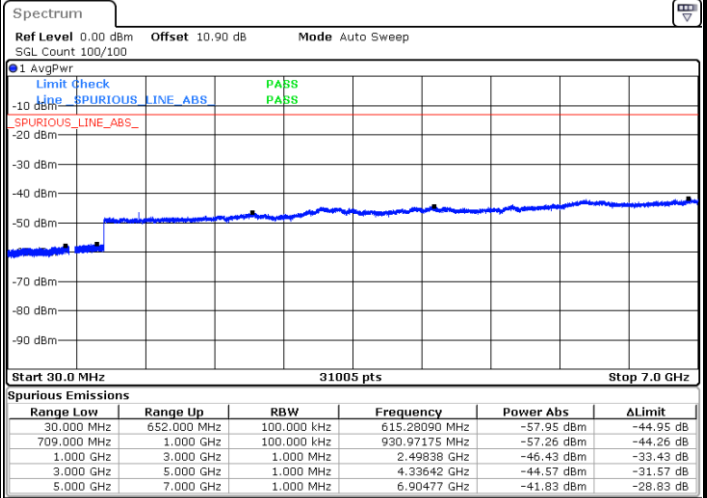
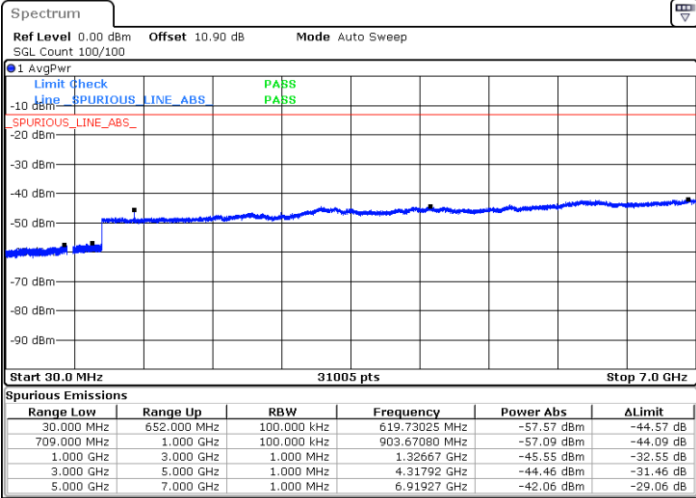


# Conducted Spurious Emission

## LTE Band 71 / 5MHz

### Lowest Channel / QPSK

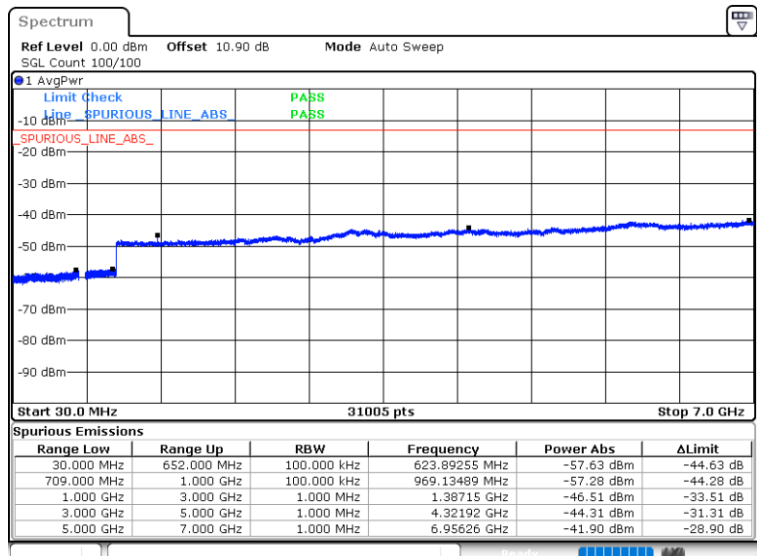
### Middle Channel / QPSK



Date: 21.APR.2022 02:23:21

Date: 21.APR.2022 02:26:07

### Highest Channel / QPSK



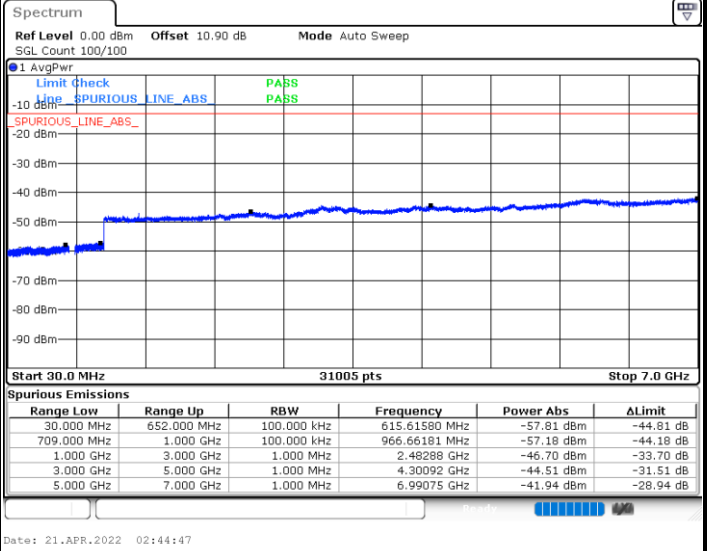
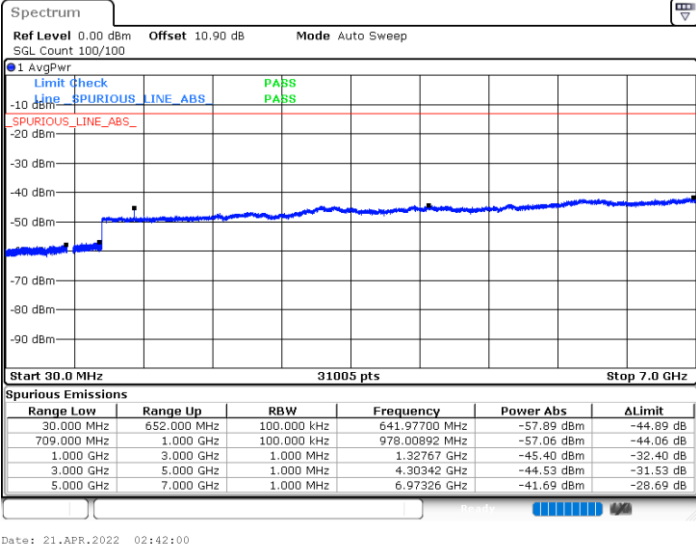
Date: 21.APR.2022 02:31:33



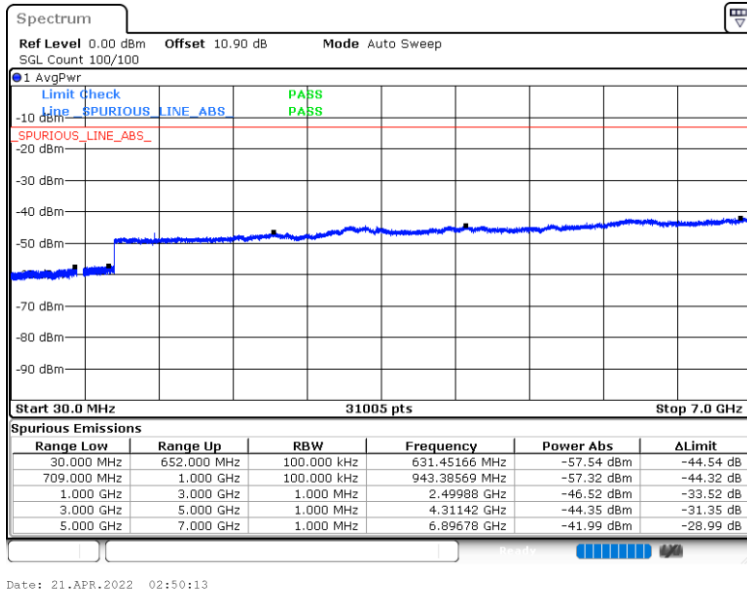
LTE Band 71 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

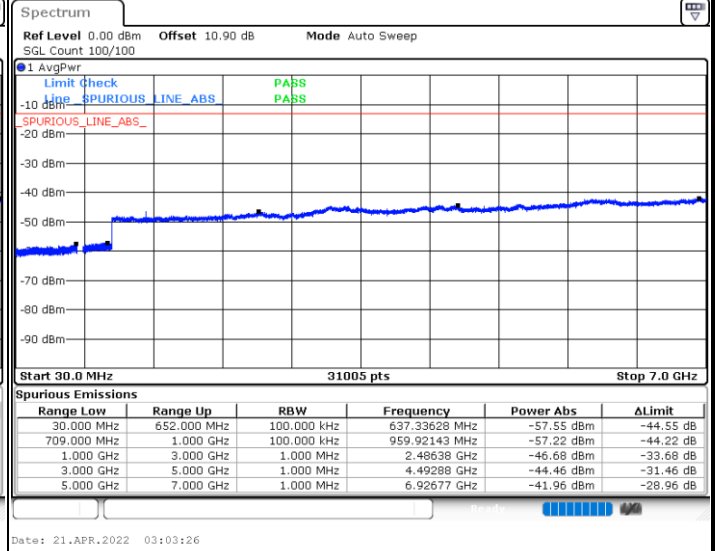
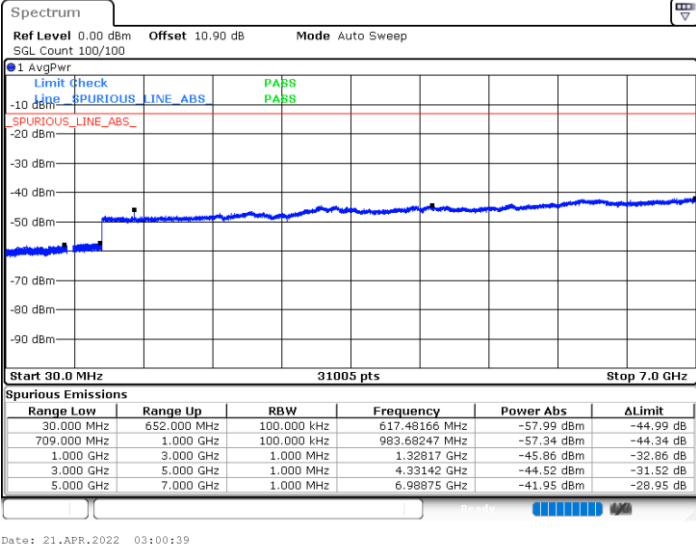




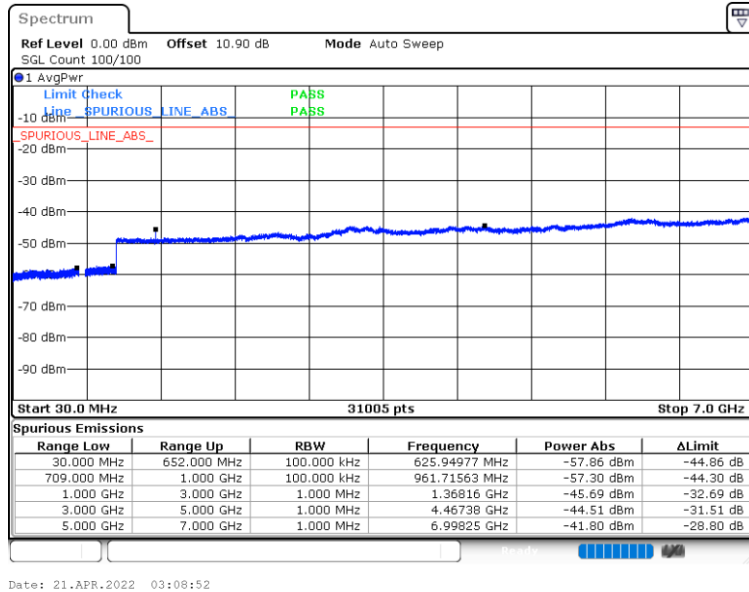
LTE Band 71 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK



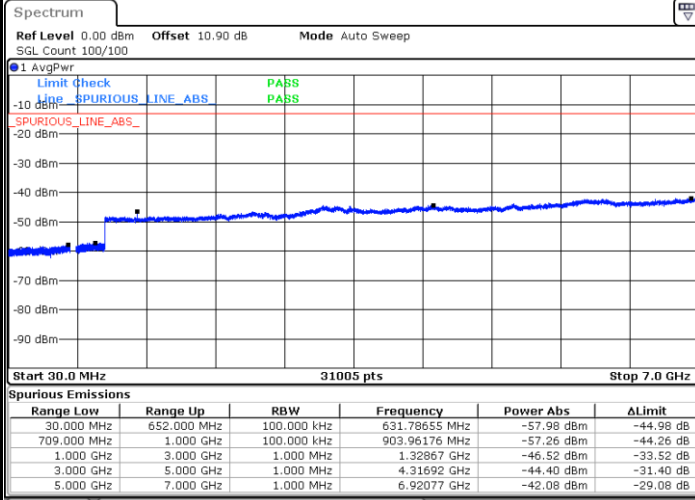
Highest Channel / QPSK





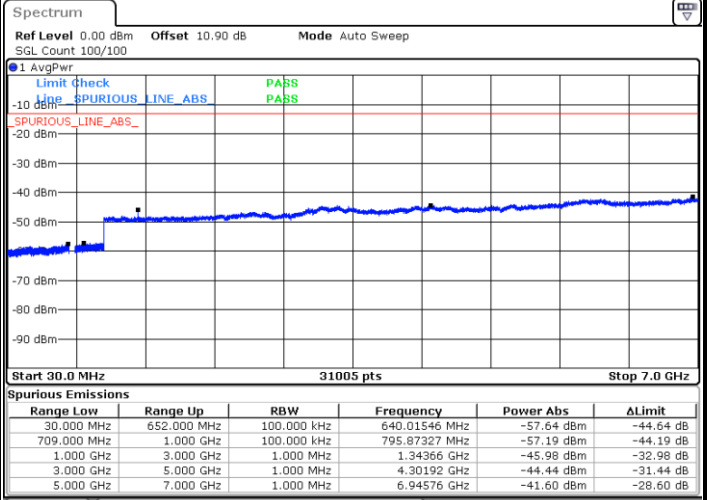
LTE Band 71 / 20MHz

Lowest Channel / QPSK



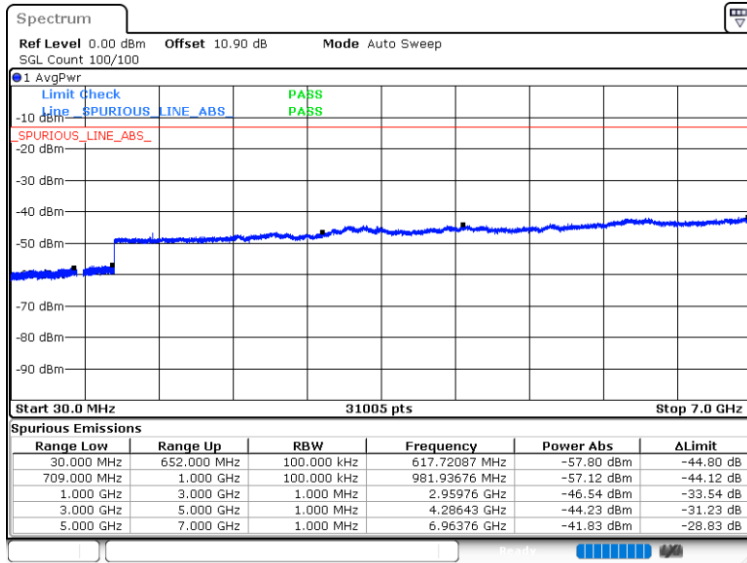
Date: 21.APR.2022 03:19:20

Middle Channel / QPSK



Date: 21.APR.2022 03:22:06

Highest Channel / QPSK



Date: 21.APR.2022 04:10:43





**Frequency Stability**

| Test Conditions  |                   | LTE Band 71 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                            | Note 2. |
|                  |                   | Deviation (ppm)                     | Result  |
| 50               | Normal Voltage    | 0.0203                              | PASS    |
| 40               | Normal Voltage    | 0.0035                              |         |
| 30               | Normal Voltage    | 0.0188                              |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                              |         |
| 10               | Normal Voltage    | 0.0028                              |         |
| 0                | Normal Voltage    | 0.0006                              |         |
| -10              | Normal Voltage    | 0.0007                              |         |
| -20              | Normal Voltage    | 0.0138                              |         |
| -30              | Normal Voltage    | 0.0144                              |         |
| 20               | Maximum Voltage   | 0.0028                              |         |
| 20               | Normal Voltage    | 0.0000                              |         |
| 20               | Battery End Point | 0.0051                              |         |

**Note:**

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



## Appendix B. Test Results of Radiated Test

<Internal Ant. 1>

### LTE Band 26

| LTE Band 26 / 15MHz / QPSK |                   |             |               |                   |                   |                    |                      |                       |                    |
|----------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                    | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                     | 1649.68           | -53.77      | -13           | -40.77            | -69.49            | -57.23             | 3.88                 | 9.49                  | H                  |
|                            | 2474.52           | -42.17      | -13           | -29.17            | -61.61            | -45.77             | 4.80                 | 10.55                 | H                  |
|                            | 3299.36           | -53.15      | -13           | -40.15            | -75.63            | -57.64             | 5.56                 | 12.19                 | H                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                            | 1649.68           | -54.64      | -13           | -41.64            | -70.26            | -58.1              | 3.88                 | 9.49                  | V                  |
|                            | 2474.52           | -43.40      | -13           | -30.40            | -62.81            | -47                | 4.80                 | 10.55                 | V                  |
|                            | 3299.36           | -53.26      | -13           | -40.26            | -75.69            | -57.75             | 5.56                 | 12.19                 | V                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | V                  |
| Middle                     | 1659.68           | -52.92      | -13           | -39.92            | -68.57            | -56.43             | 3.89                 | 9.55                  | H                  |
|                            | 2489.52           | -43.02      | -13           | -30.02            | -62.36            | -46.63             | 4.82                 | 10.58                 | H                  |
|                            | 3319.36           | -53.72      | -13           | -40.72            | -75.93            | -58.27             | 5.57                 | 12.28                 | H                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                            | 1659.68           | -53.88      | -13           | -40.88            | -69.47            | -57.39             | 3.89                 | 9.55                  | V                  |
|                            | 2489.52           | -45.05      | -13           | -32.05            | -64.43            | -48.66             | 4.82                 | 10.58                 | V                  |
|                            | 3319.36           | -53.67      | -13           | -40.67            | -75.81            | -58.22             | 5.57                 | 12.28                 | V                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | V                  |



|         |         |        |     |        |        |        |      |       |   |
|---------|---------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 1669.68 | -51.38 | -13 | -38.38 | -67.06 | -54.94 | 3.91 | 9.61  | H |
|         | 2504.52 | -46.24 | -13 | -33.24 | -65.64 | -49.88 | 4.83 | 10.62 | H |
|         | 3339.36 | -53.67 | -13 | -40.67 | -75.84 | -58.28 | 5.59 | 12.36 | H |
|         |         |        |     |        |        |        |      |       | H |
|         |         |        |     |        |        |        |      |       | H |
|         |         |        |     |        |        |        |      |       | H |
|         | 1669.68 | -55.92 | -13 | -42.92 | -71.62 | -59.48 | 3.91 | 9.61  | V |
|         | 2504.52 | -47.57 | -13 | -34.57 | -66.92 | -51.21 | 4.83 | 10.62 | V |
|         | 3339.36 | -53.83 | -13 | -40.83 | -75.97 | -58.44 | 5.59 | 12.36 | V |
|         |         |        |     |        |        |        |      |       | V |
|         |         |        |     |        |        |        |      |       | V |
|         |         |        |     |        |        |        |      |       | V |

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



**LTE Band 13**

| LTE Band 13 / 5MHz / QPSK |                   |             |               |                   |                   |                    |                      |                       |                    |
|---------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                   | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                    | 1554              | -54.60      | -13           | -41.60            | -70.16            | -57.51             | 3.77                 | 8.83                  | H                  |
|                           | 2332              | -47.08      | -13           | -34.08            | -66.65            | -50.01             | 4.65                 | 9.73                  | H                  |
|                           | 3109              | -53.18      | -13           | -40.18            | -75.30            | -56.95             | 5.38                 | 11.30                 | H                  |
|                           |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                           |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                           |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                           | 1554              | -52.80      | -13           | -39.80            | -68.30            | -55.71             | 3.77                 | 8.83                  | V                  |
|                           | 2332              | -50.32      | -13           | -37.32            | -70.17            | -53.25             | 4.65                 | 9.73                  | V                  |
|                           | 3109              | -53.40      | -13           | -40.40            | -75.53            | -57.17             | 5.38                 | 11.30                 | V                  |
|                           |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                           |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                           |                   |             |               |                   |                   |                    |                      |                       | V                  |
| Middle                    | 1560              | -53.40      | -42.15        | -11.25            | -68.94            | -56.35             | 3.78                 | 8.88                  | H                  |
|                           | 2339              | -43.77      | -13           | -30.77            | -63.44            | -46.72             | 4.66                 | 9.76                  | H                  |
|                           | 3119              | -53.37      | -13           | -40.37            | -75.58            | -57.13             | 5.39                 | 11.30                 | H                  |
|                           |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                           |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                           |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                           | 1560              | -55.38      | -42.15        | -13.23            | -70.67            | -58.33             | 3.78                 | 8.88                  | V                  |
|                           | 2339              | -47.11      | -13           | -34.11            | -67.07            | -50.06             | 4.66                 | 9.76                  | V                  |
|                           | 3119              | -53.39      | -13           | -40.39            | -75.53            | -57.15             | 5.39                 | 11.30                 | V                  |
|                           |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                           |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                           |                   |             |               |                   |                   |                    |                      |                       | V                  |



|         |      |        |        |        |        |        |      |       |   |
|---------|------|--------|--------|--------|--------|--------|------|-------|---|
| Highest | 1564 | -55.33 | -42.15 | -13.18 | -70.84 | -58.31 | 3.78 | 8.91  | H |
|         | 2347 | -45.16 | -13    | -32.16 | -64.86 | -48.13 | 4.66 | 9.79  | H |
|         | 3129 | -53.49 | -13    | -40.49 | -75.73 | -57.24 | 5.40 | 11.30 | H |
|         |      |        |        |        |        |        |      |       | H |
|         |      |        |        |        |        |        |      |       | H |
|         |      |        |        |        |        |        |      |       | H |
|         | 1564 | -50.08 | -42.15 | -7.93  | -65.57 | -53.06 | 3.78 | 8.91  | V |
|         | 2347 | -45.55 | -13    | -32.55 | -65.30 | -48.52 | 4.66 | 9.79  | V |
|         | 3129 | -53.74 | -13    | -40.74 | -75.87 | -57.49 | 5.40 | 11.30 | V |
|         |      |        |        |        |        |        |      |       | V |
|         |      |        |        |        |        |        |      |       | V |
|         |      |        |        |        |        |        |      |       | V |

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



| LTE Band 13 / 10MHz / QPSK |                   |             |               |                   |                   |                    |                      |                       |                    |
|----------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                    | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                     | 1555              | -54.29      | -13           | -41.29            | -70.07            | -57.21             | 3.77                 | 8.84                  | H                  |
|                            | 2332              | -49.19      | -13           | -36.19            | -68.95            | -52.12             | 4.65                 | 9.73                  | H                  |
|                            | 3110              | -53.41      | -13           | -40.41            | -75.59            | -57.18             | 5.38                 | 11.30                 | H                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                            | 1555              | -54.43      | -13           | -41.43            | -70.28            | -57.35             | 3.77                 | 8.84                  | V                  |
|                            | 2332              | -49.41      | -13           | -36.41            | -69.2             | -52.34             | 4.65                 | 9.73                  | V                  |
|                            | 3110              | -53.23      | -13           | -40.23            | -75.07            | -57                | 5.38                 | 11.30                 | V                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | V                  |

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



**LTE Band 71**

| LTE Band 71 / 20MHz / QPSK |                   |             |               |                   |                   |                    |                      |                       |                    |
|----------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                    | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                     | 1328.18           | -51.92      | -13           | -38.92            | -66.95            | -55.30             | 3.47                 | 6.86                  | H                  |
|                            | 1992.27           | -36.91      | -13           | -23.91            | -54.43            | -42.83             | 4.28                 | 10.20                 | H                  |
|                            | 2656.36           | -54.90      | -13           | -41.90            | -75.32            | -60.73             | 4.97                 | 10.80                 | H                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                            | 1328.18           | -53.26      | -13           | -40.26            | -68.4             | -56.64             | 3.47                 | 6.86                  | V                  |
|                            | 1992.27           | -36.04      | -13           | -23.04            | -53.86            | -41.96             | 4.28                 | 10.20                 | V                  |
|                            | 2656.36           | -55.39      | -13           | -42.39            | -75.4             | -61.22             | 4.97                 | 10.80                 | V                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | V                  |
| Middle                     | 1348.18           | -50.99      | -13           | -37.99            | -66.06            | -54.39             | 3.50                 | 6.90                  | H                  |
|                            | 2022.27           | -31.80      | -13           | -18.80            | -49.56            | -37.69             | 4.31                 | 10.20                 | H                  |
|                            | 2696.36           | -54.23      | -13           | -41.23            | -74.81            | -60.02             | 5.01                 | 10.80                 | H                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                            | 1348.18           | -52.23      | -13           | -39.23            | -67.48            | -55.63             | 3.50                 | 6.90                  | V                  |
|                            | 2022.27           | -29.23      | -13           | -16.23            | -47.33            | -35.12             | 4.31                 | 10.20                 | V                  |
|                            | 2696.36           | -54.83      | -13           | -41.83            | -75.05            | -60.62             | 5.01                 | 10.80                 | V                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | V                  |



|         |         |        |     |        |        |        |      |       |   |
|---------|---------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 1358.18 | -51.17 | -13 | -38.17 | -66.25 | -54.64 | 3.51 | 6.98  | H |
|         | 2037.27 | -37.62 | -13 | -24.62 | -55.49 | -43.49 | 4.33 | 10.20 | H |
|         | 2716.36 | -54.86 | -13 | -41.86 | -75.14 | -60.67 | 5.02 | 10.83 | H |
|         |         |        |     |        |        |        |      |       | H |
|         |         |        |     |        |        |        |      |       | H |
|         |         |        |     |        |        |        |      |       | H |
|         | 1358.18 | -52.25 | -13 | -39.25 | -67.55 | -55.72 | 3.51 | 6.98  | V |
|         | 2037.27 | -33.04 | -13 | -20.04 | -51.27 | -38.91 | 4.33 | 10.20 | V |
|         | 2716.36 | -55.20 | -13 | -42.20 | -75.59 | -61.01 | 5.02 | 10.83 | V |
|         |         |        |     |        |        |        |      |       | V |
|         |         |        |     |        |        |        |      |       | V |
|         |         |        |     |        |        |        |      |       | V |

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





<Internal Ant. 2>

**LTE Band 25**

| LTE Band 25 / 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) |
| Lowest                     | 3702              | -47.71       | -13           | -34.71            | -71.53            | -54.08             | 5.93                 | 12.30                 | H                  |
|                            | 5553              | -47.66       | -13           | -34.66            | -76.99            | -53.22             | 7.74                 | 13.31                 | H                  |
|                            | 7404              | -39.58       | -13           | -26.58            | -75.18            | -42.06             | 8.72                 | 11.20                 | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            | 3702              | -48.73       | -13           | -35.73            | -72.45            | -55.1              | 5.93                 | 12.30                 | V                  |
|                            | 5553              | -47.80       | -13           | -34.80            | -77.22            | -53.36             | 7.74                 | 13.31                 | V                  |
|                            | 7404              | -38.31       | -13           | -25.31            | -74.17            | -40.79             | 8.72                 | 11.20                 | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |
| Middle                     | 3742              | -48.55       | -13           | -35.55            | -72.8             | -54.89             | 5.96                 | 12.30                 | H                  |
|                            | 5613              | -47.99       | -13           | -34.99            | -77.29            | -53.62             | 7.79                 | 13.43                 | H                  |
|                            | 7484              | -40.35       | -13           | -27.35            | -76.04            | -42.8              | 8.75                 | 11.20                 | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            | 3742              | -49.01       | -13           | -36.01            | -73.09            | -55.35             | 5.96                 | 12.30                 | V                  |
|                            | 5613              | -47.63       | -13           | -34.63            | -77.09            | -53.26             | 7.79                 | 13.43                 | V                  |
|                            | 7484              | -40.02       | -13           | -27.02            | -76.1             | -42.47             | 8.75                 | 11.20                 | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |



|         |      |        |     |        |        |        |      |       |   |
|---------|------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 3792 | -50.58 | -13 | -37.58 | -74.84 | -56.87 | 6.01 | 12.30 | H |
|         | 5688 | -47.88 | -13 | -34.88 | -77.49 | -53.53 | 7.85 | 13.50 | H |
|         | 7584 | -40.37 | -13 | -27.37 | -76.92 | -43.11 | 8.80 | 11.54 | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         | 3792 | -51.32 | -13 | -38.32 | -75.63 | -57.61 | 6.01 | 12.30 | V |
|         | 5688 | -47.94 | -13 | -34.94 | -77.49 | -53.59 | 7.85 | 13.50 | V |
|         | 7584 | -40.26 | -13 | -27.26 | -76.72 | -43    | 8.80 | 11.54 | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |

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



**LTE Band 41**

| LTE Band 41 / 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) |
| Lowest                     | 4994.18           | -47.21       | -25           | -22.21            | -76.33            | -52.44             | 7.48                 | 12.71                 | H                  |
|                            | 7491.27           | -40.65       | -25           | -15.65            | -76.43            | -43.09             | 8.76                 | 11.20                 | H                  |
|                            | 9988.36           | -35.38       | -25           | -10.38            | -76.19            | -36.45             | 10.01                | 11.08                 | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            | 4994.18           | -47.73       | -25           | -22.73            | -76.39            | -52.96             | 7.48                 | 12.71                 | V                  |
|                            | 7491.27           | -40.15       | -25           | -15.15            | -76.35            | -42.59             | 8.76                 | 11.20                 | V                  |
|                            | 9988.36           | -36.41       | -25           | -11.41            | -76.57            | -37.48             | 10.01                | 11.08                 | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |
| Middle                     | 5168              | -48.26       | -25           | -23.26            | -76.5             | -53.34             | 7.56                 | 12.64                 | H                  |
|                            | 7752              | -39.81       | -25           | -14.81            | -73.06            | -42.74             | 8.88                 | 11.80                 | H                  |
|                            | 10336             | -34.71       | -25           | -9.71             | -76.45            | -35.42             | 10.29                | 10.99                 | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            | 5168              | 58.89        | -25           | 83.89             | -76.78            | 53.81              | 7.56                 | 12.64                 | V                  |
|                            | 7752              | -39.56       | -25           | -14.56            | -75.6             | -42.49             | 8.88                 | 11.80                 | V                  |
|                            | 10336             | -35.74       | -25           | -10.74            | -75.85            | -36.45             | 10.29                | 10.99                 | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |



|         |          |        |     |        |        |        |       |       |   |
|---------|----------|--------|-----|--------|--------|--------|-------|-------|---|
| Highest | 5342.18  | -46.87 | -25 | -21.87 | -75.7  | -52.8  | 7.63  | 13.57 | H |
|         | 8013.27  | -37.76 | -25 | -12.76 | -74.29 | -40.04 | 9.00  | 11.27 | H |
|         | 10684.36 | -34.47 | -25 | -9.47  | -76.33 | -34.9  | 10.49 | 10.92 | H |
|         |          |        |     |        |        |        |       |       | H |
|         |          |        |     |        |        |        |       |       | H |
|         |          |        |     |        |        |        |       |       | H |
|         | 5342.18  | -48.56 | -25 | -23.56 | -77.23 | -54.49 | 7.63  | 13.57 | V |
|         | 8013.27  | -37.87 | -25 | -12.87 | -74.48 | -40.15 | 9.00  | 11.27 | V |
|         | 10684.36 | -35.21 | -25 | -10.21 | -76.13 | -35.64 | 10.49 | 10.92 | V |
|         |          |        |     |        |        |        |       |       | V |
|         |          |        |     |        |        |        |       |       | V |
|         |          |        |     |        |        |        |       |       | V |

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



**LTE CA Band 41C**

| LTE CA Band 41C / 20M+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) |
| Lowest                             | 5030              | -45.24       | -25           | -20.24            | -74.36            | -50.38             | 7.50                 | 12.64                 | H                  |
|                                    | 7545              | -39.62       | -25           | -14.62            | -75.84            | -42.22             | 8.78                 | 11.38                 | H                  |
|                                    | 10065             | -35.72       | -25           | -10.72            | -76.87            | -36.89             | 10.06                | 11.23                 | H                  |
|                                    |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                                    |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                                    |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                                    | 5030              | -45.47       | -25           | -20.47            | -74.18            | -50.61             | 7.50                 | 12.64                 | V                  |
|                                    | 7545              | -39.48       | -25           | -14.48            | -75.95            | -42.08             | 8.78                 | 11.38                 | V                  |
|                                    | 10065             | -36.60       | -25           | -11.60            | -76.91            | -37.77             | 10.06                | 11.23                 | V                  |
|                                    |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                                    |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                                    |                   |              |               |                   |                   |                    |                      |                       | V                  |
| Middle                             | 5190              | -46.85       | -25           | -21.85            | -75.31            | -52.1              | 7.57                 | 12.82                 | H                  |
|                                    | 7770              | -39.14       | -25           | -14.14            | -75.29            | -42.1              | 8.88                 | 11.84                 | H                  |
|                                    | 10368             | -35.62       | -25           | -10.62            | -76.96            | -36.2              | 10.31                | 10.90                 | H                  |
|                                    |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                                    |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                                    |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                                    | 5190              | -47.30       | -25           | -22.30            | -75.65            | -52.55             | 7.57                 | 12.82                 | V                  |
|                                    | 7770              | -37.92       | -25           | -12.92            | -74.12            | -40.88             | 8.88                 | 11.84                 | V                  |
|                                    | 10368             | -36.28       | -25           | -11.28            | -76.81            | -36.86             | 10.31                | 10.90                 | V                  |
|                                    |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                                    |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                                    |                   |              |               |                   |                   |                    |                      |                       | V                  |



|         |       |        |     |        |        |        |       |       |   |
|---------|-------|--------|-----|--------|--------|--------|-------|-------|---|
| Highest | 5340  | -45.79 | -25 | -20.79 | -74.71 | -51.72 | 7.63  | 13.56 | H |
|         | 8007  | -37.93 | -25 | -12.93 | -74.47 | -40.22 | 8.99  | 11.29 | H |
|         | 10680 | -34.78 | -25 | -9.78  | -76.65 | -35.21 | 10.49 | 10.92 | H |
|         |       |        |     |        |        |        |       |       | H |
|         |       |        |     |        |        |        |       |       | H |
|         |       |        |     |        |        |        |       |       | H |
|         | 5340  | -46.95 | -25 | -21.95 | -75.69 | -52.88 | 7.63  | 13.56 | V |
|         | 8007  | -38.08 | -25 | -13.08 | -74.75 | -40.37 | 8.99  | 11.29 | V |
|         | 10676 | -36.34 | -25 | -11.34 | -77.19 | -36.78 | 10.49 | 10.92 | V |
|         |       |        |     |        |        |        |       |       | V |
|         |       |        |     |        |        |        |       |       | V |
|         |       |        |     |        |        |        |       |       | V |

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