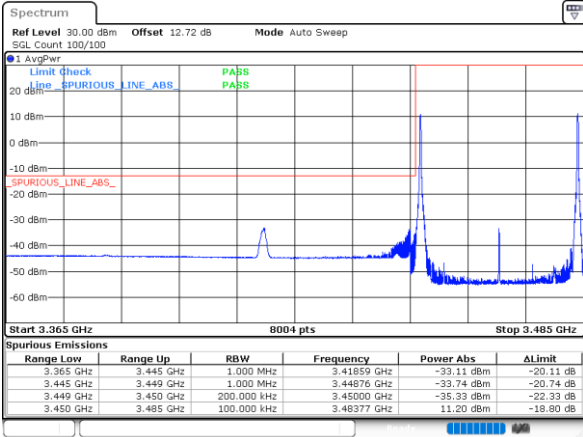




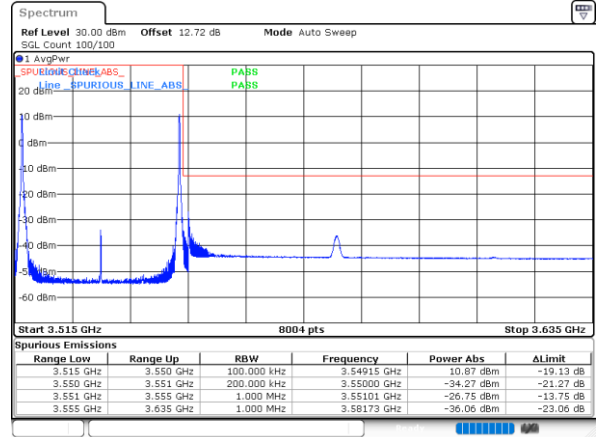
LTE Band 42C / 20MHz+15MHz

64QAM

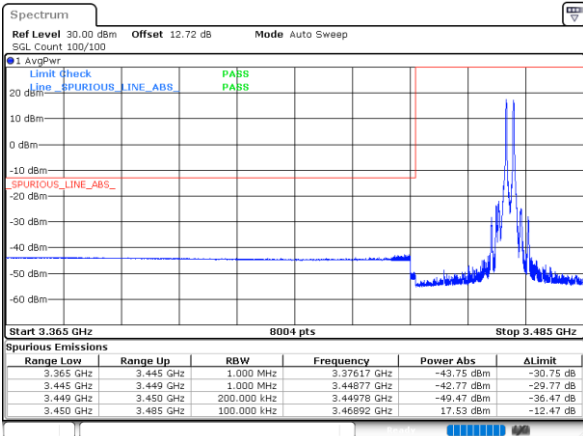
Lowest Band Edge / 1RB0 and 1RB74



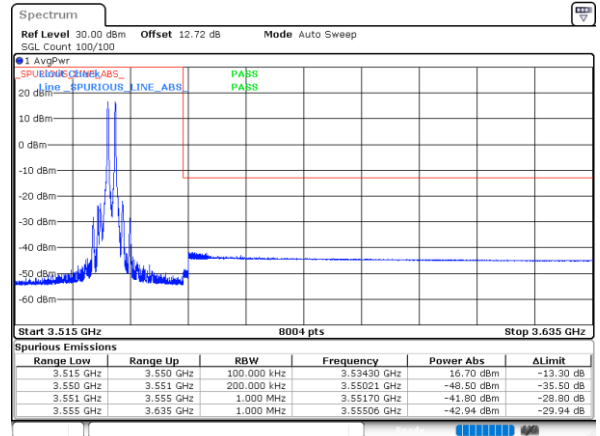
Highest Band Edge / 1RB0 and 1RB74



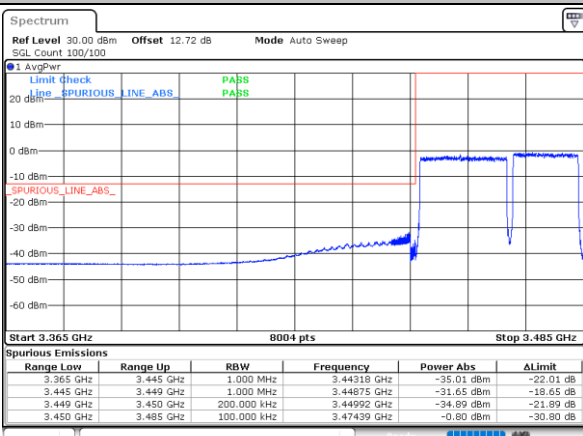
Lowest Band Edge / 1RB99 and 1RB0



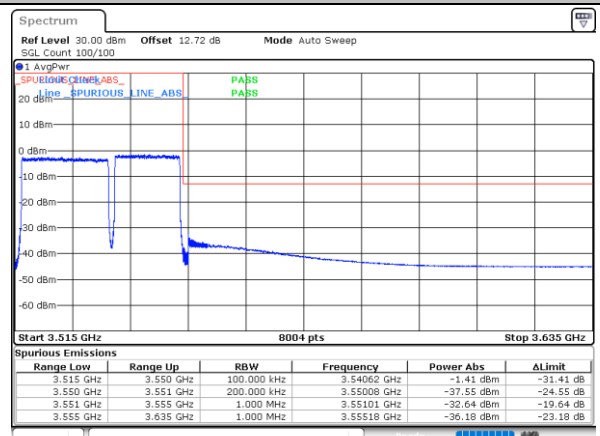
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

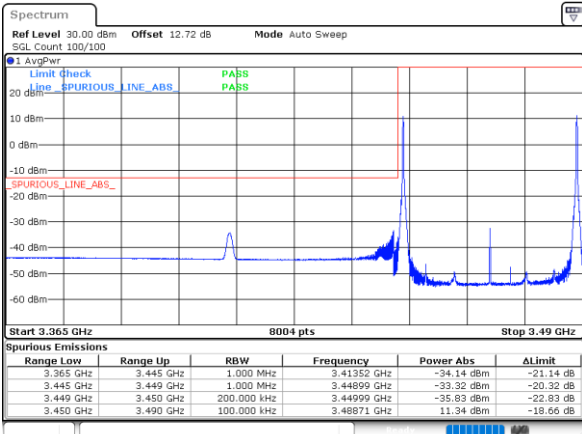




LTE Band 42C / 20MHz+20MHz

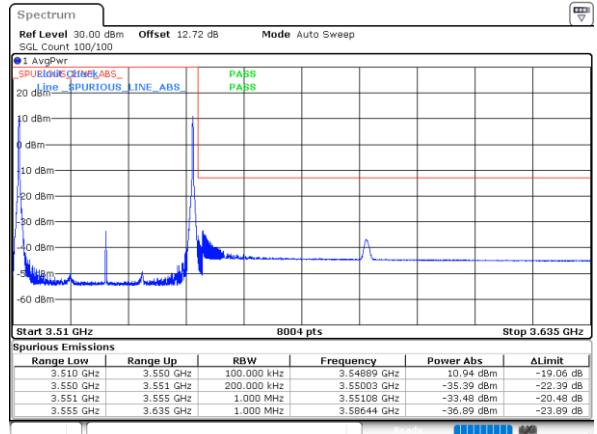
QPSK

Lowest Band Edge / 1RB0 and 1RB9



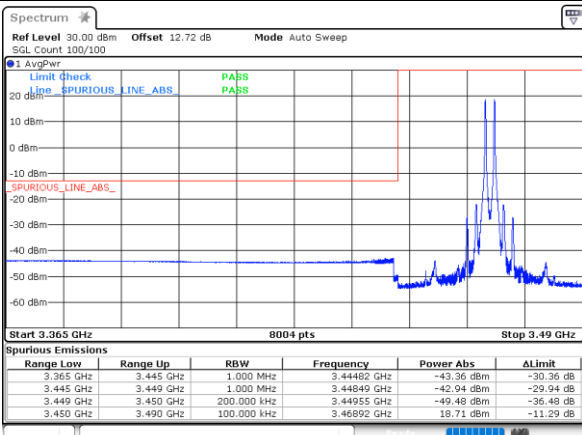
Date: 9.MAR.2022 06:12:45

Highest Band Edge / 1RB0 and 1RB9



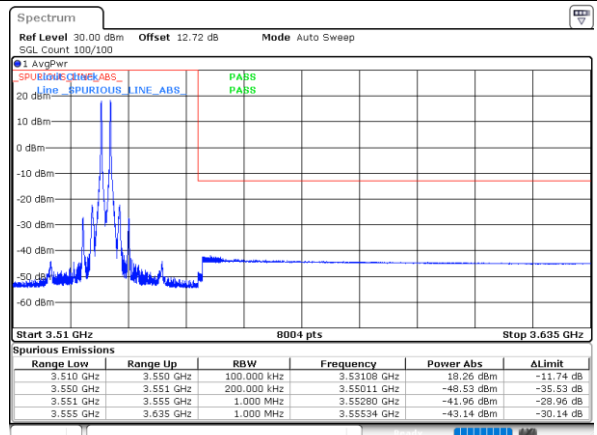
Date: 9.MAR.2022 06:16:29

Lowest Band Edge / 1RB99 and 1RB0



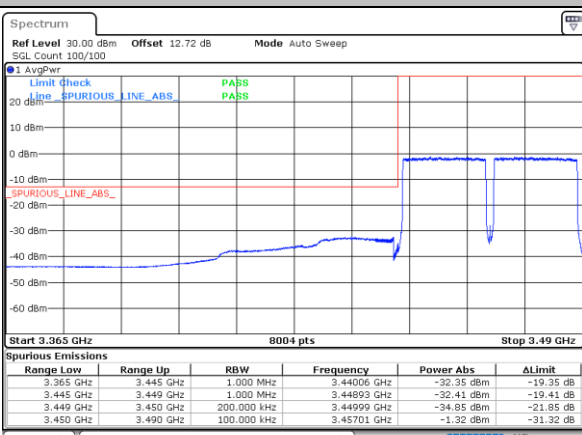
Date: 9.MAR.2022 06:16:30

Highest Band Edge / 1RB99 and 1RB0



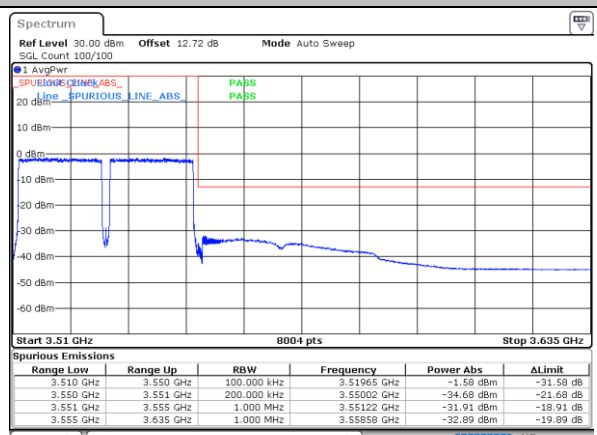
Date: 9.MAR.2022 06:41:21

Lowest Band Edge / Full RB



Date: 9.MAR.2022 06:25:13

Highest Band Edge / Full RB



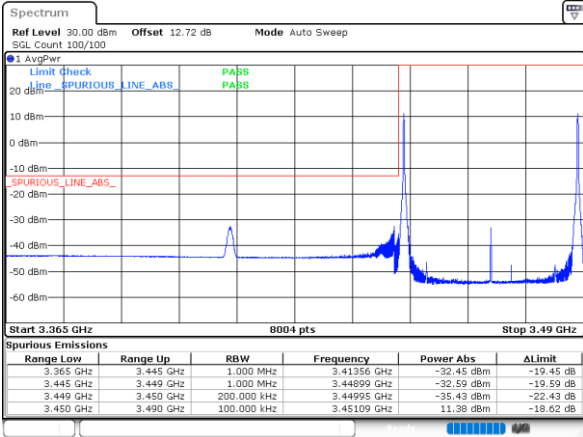
Date: 9.MAR.2022 06:47:35



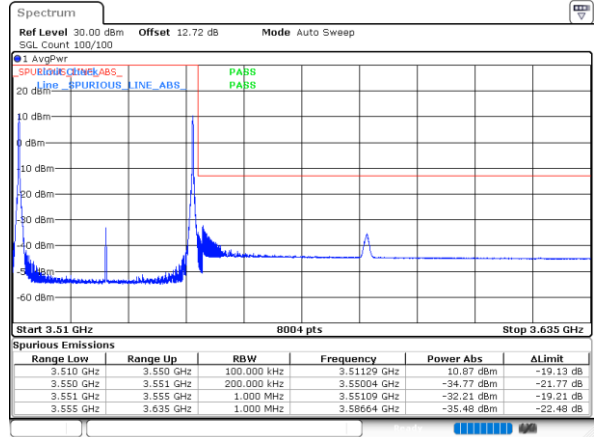
LTE Band 42C / 20MHz+20MHz

16QAM

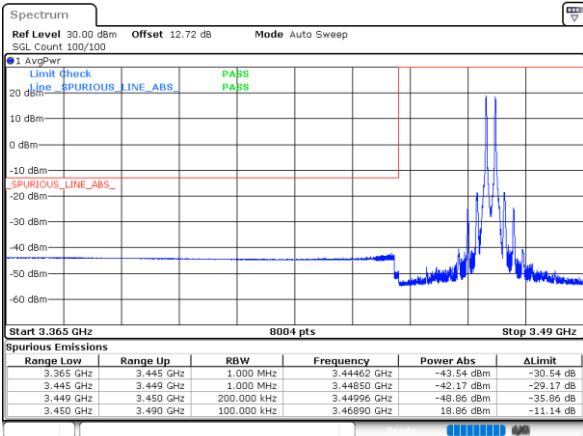
Lowest Band Edge / 1RB0 and 1RB9



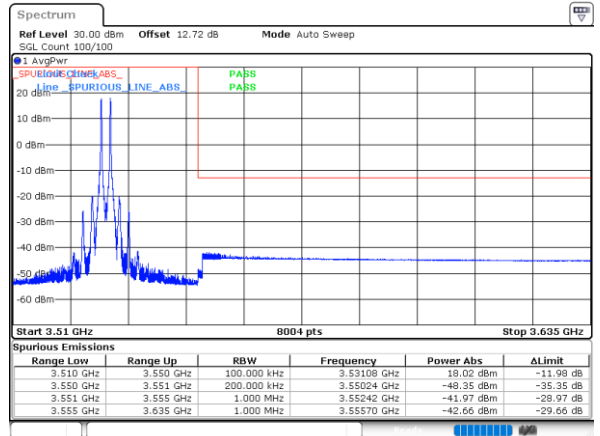
Highest Band Edge / 1RB0 and 1RB9



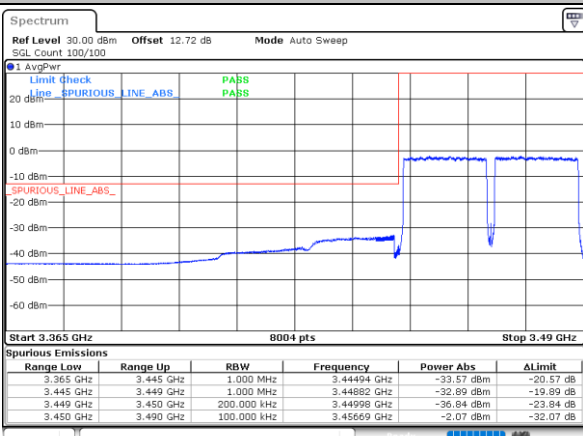
Lowest Band Edge / 1RB99 and 1RB0



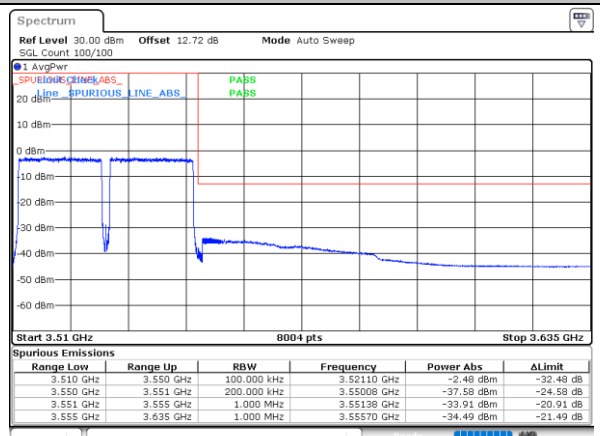
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

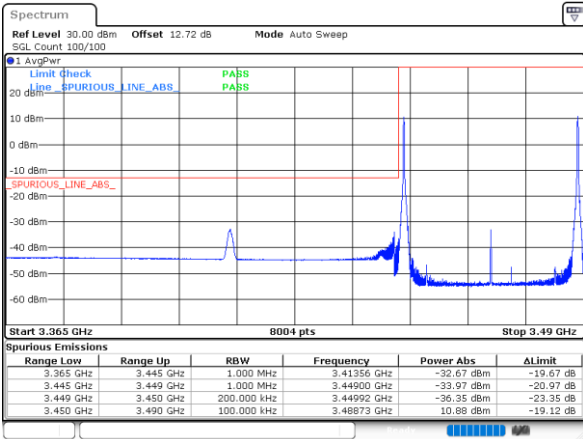




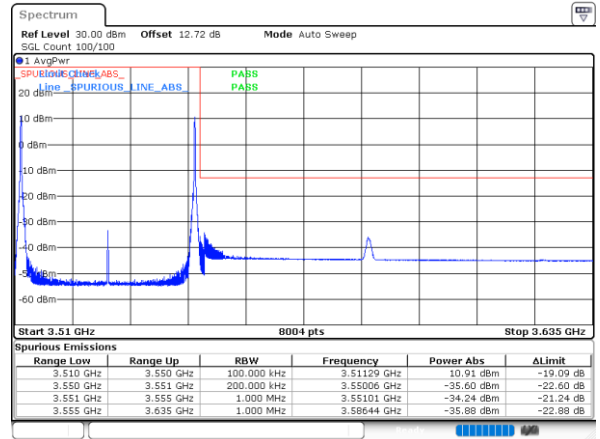
LTE Band 42C / 20MHz+20MHz

64QAM

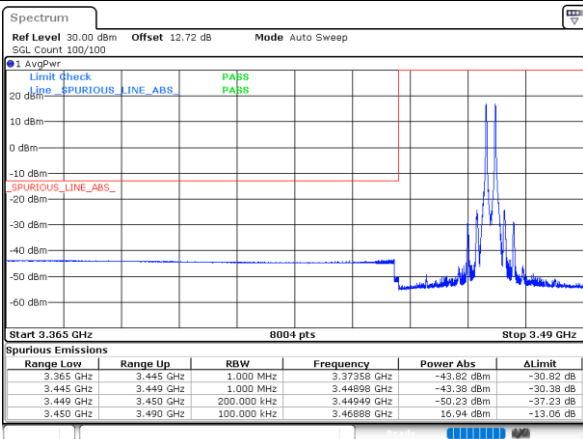
Lowest Band Edge / 1RB0 and 1RB9



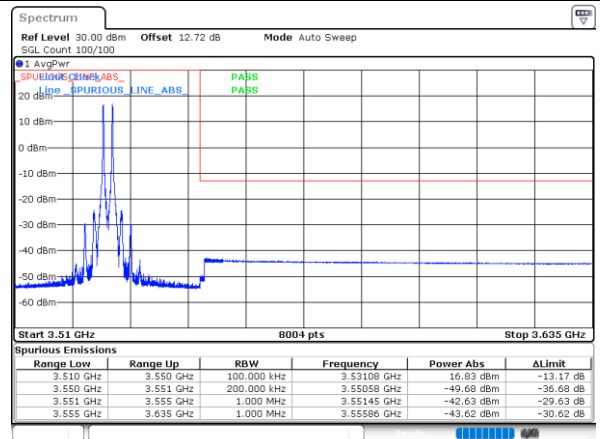
Highest Band Edge / 1RB0 and 1RB9



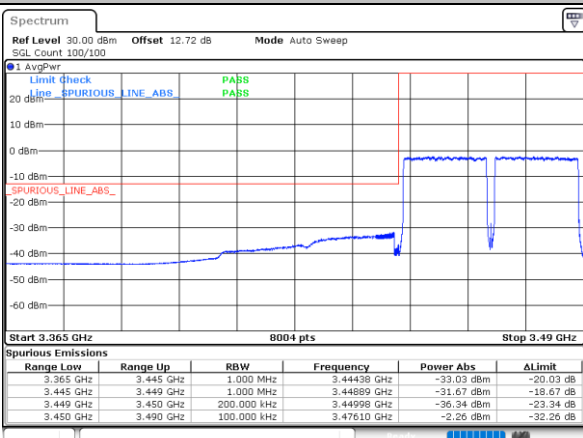
Lowest Band Edge / 1RB99 and 1RB0



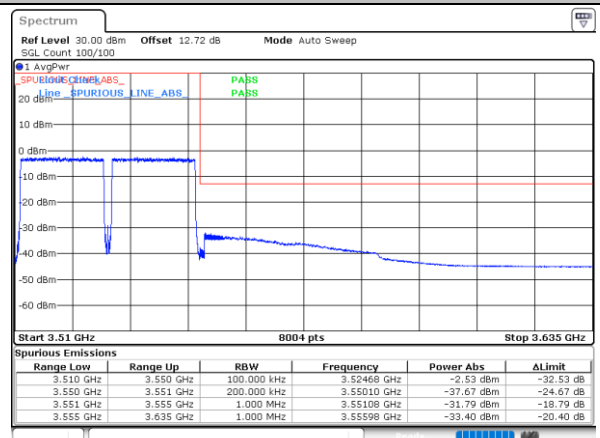
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB

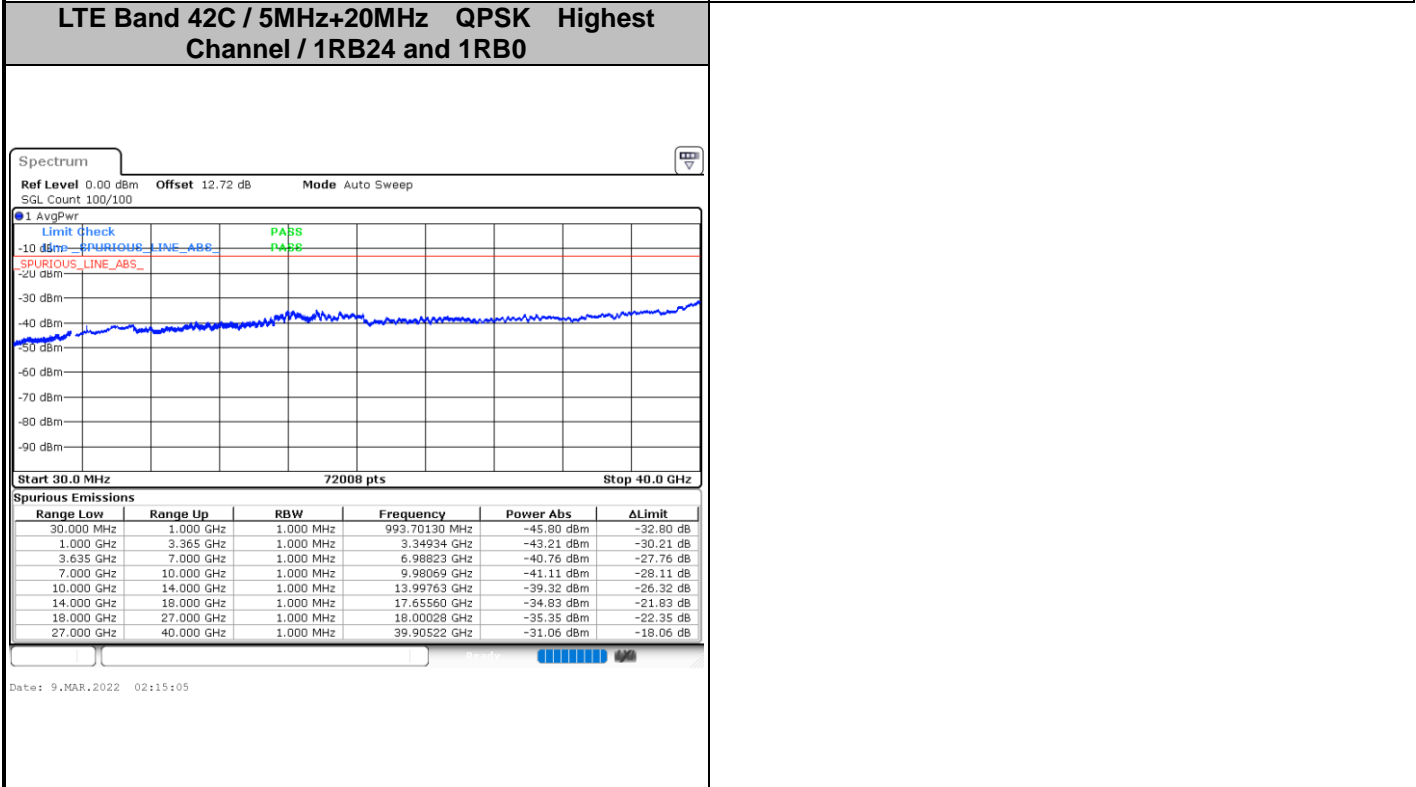
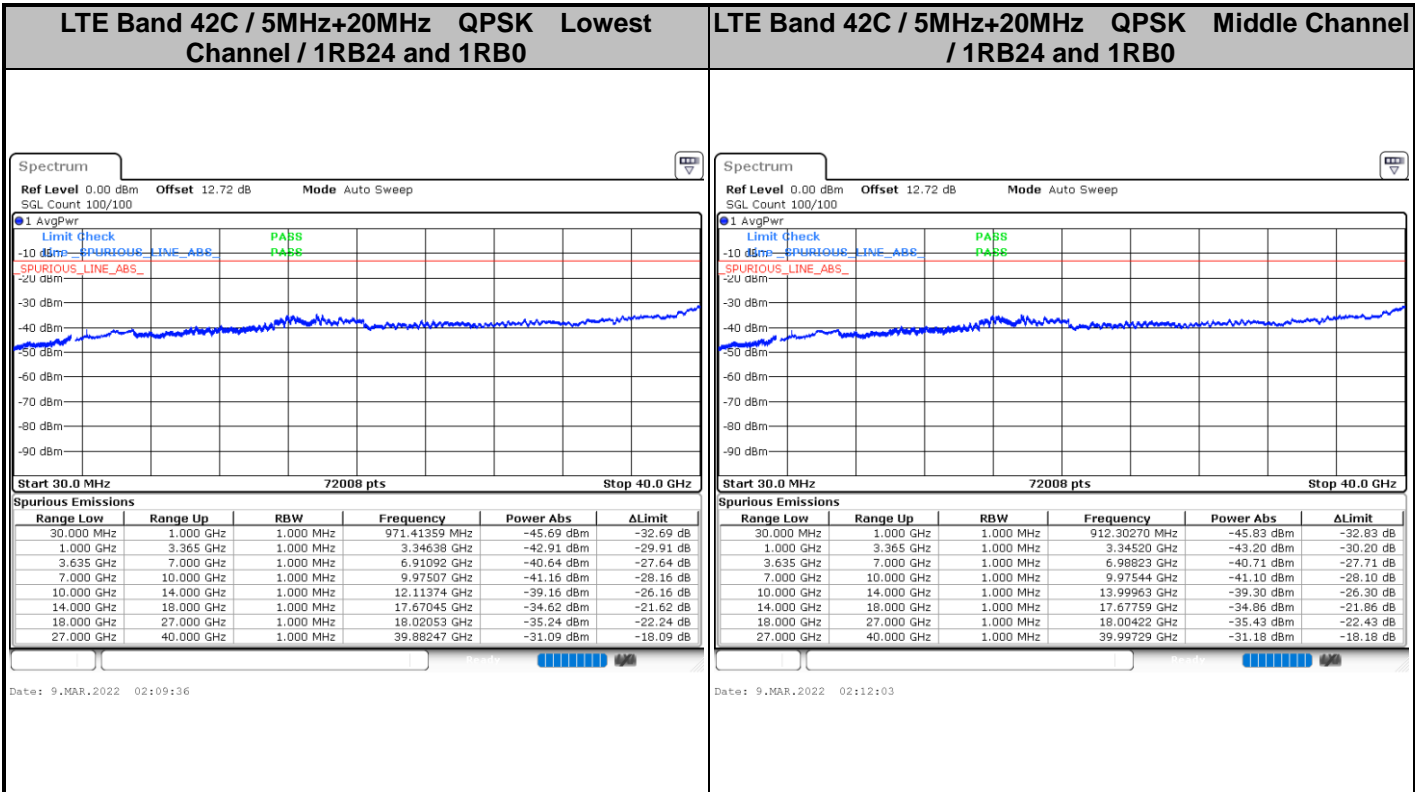


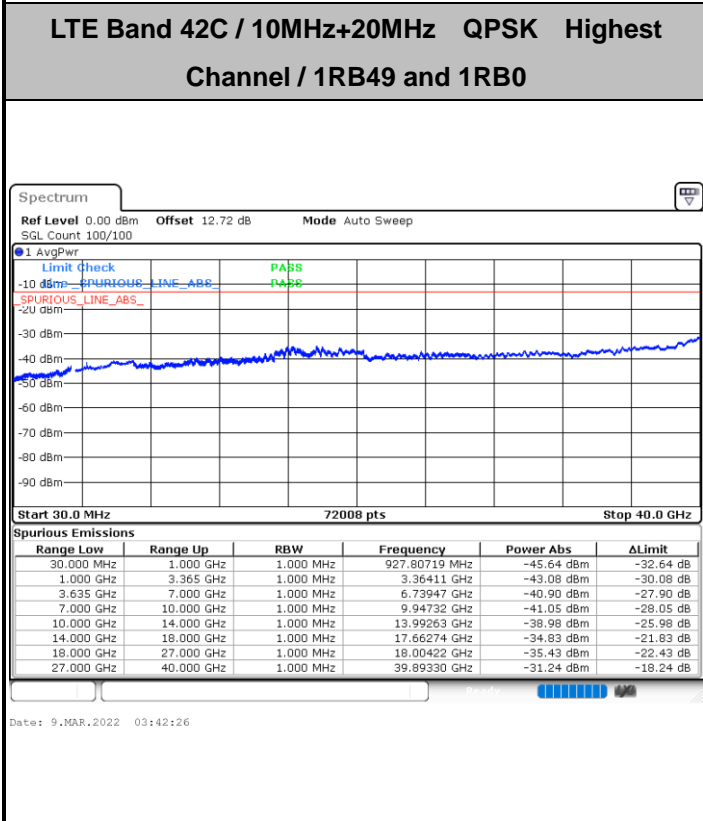
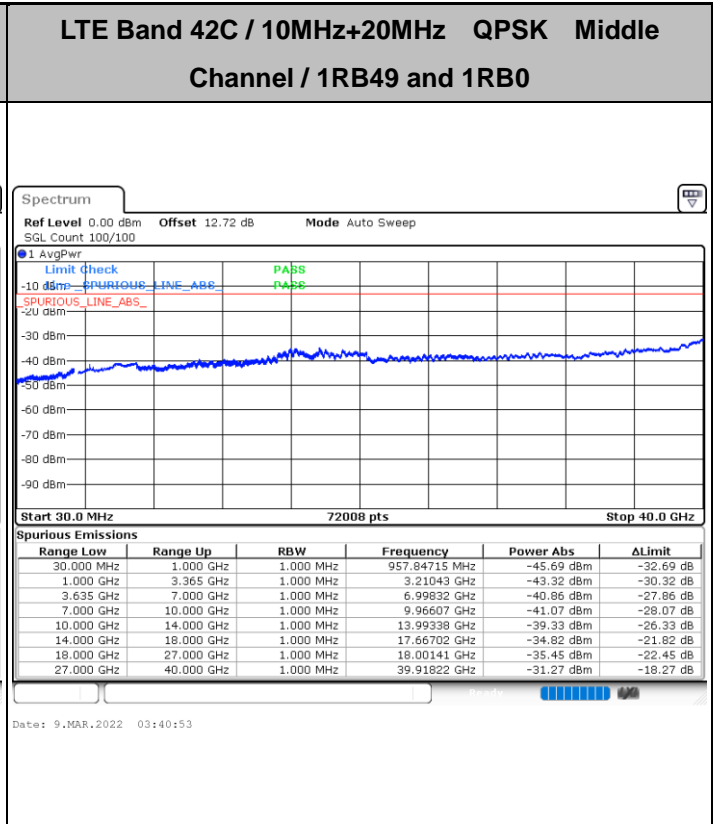
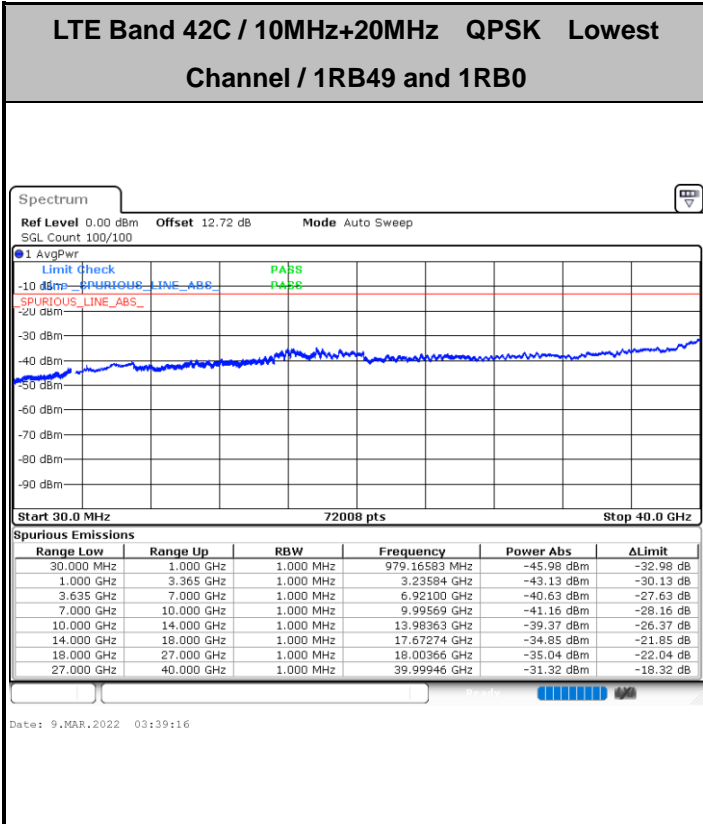
Highest Band Edge / Full RB

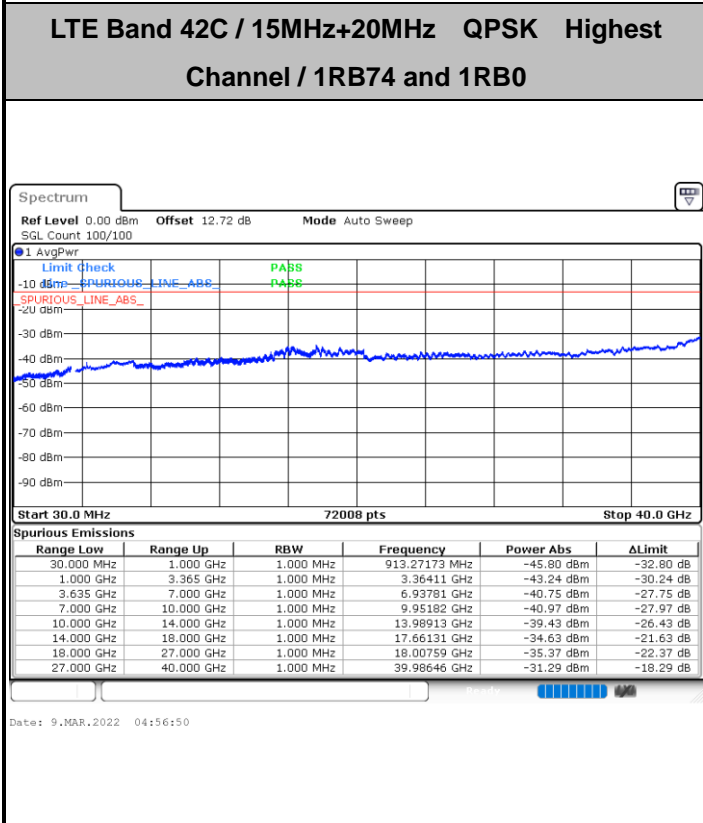
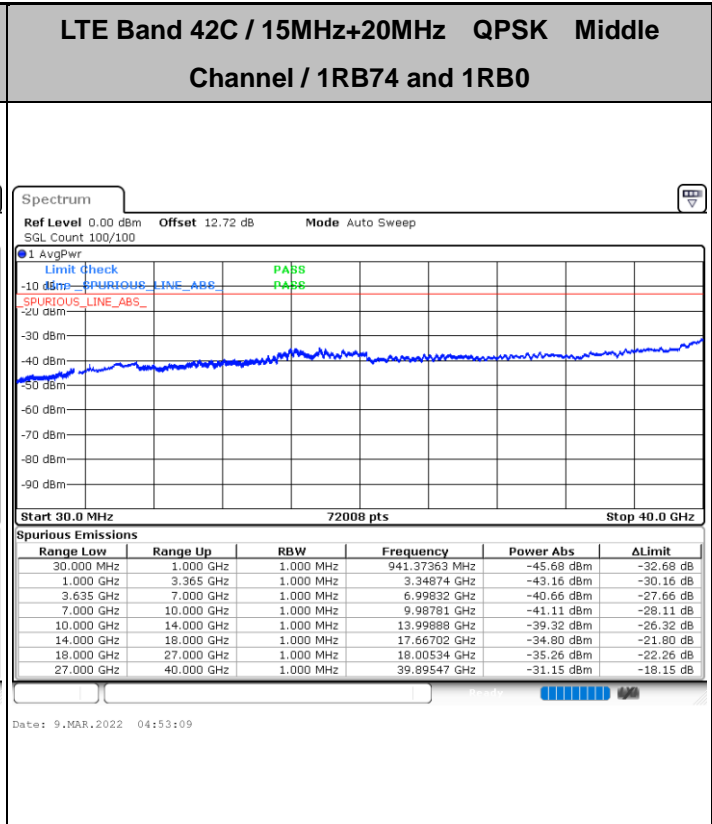
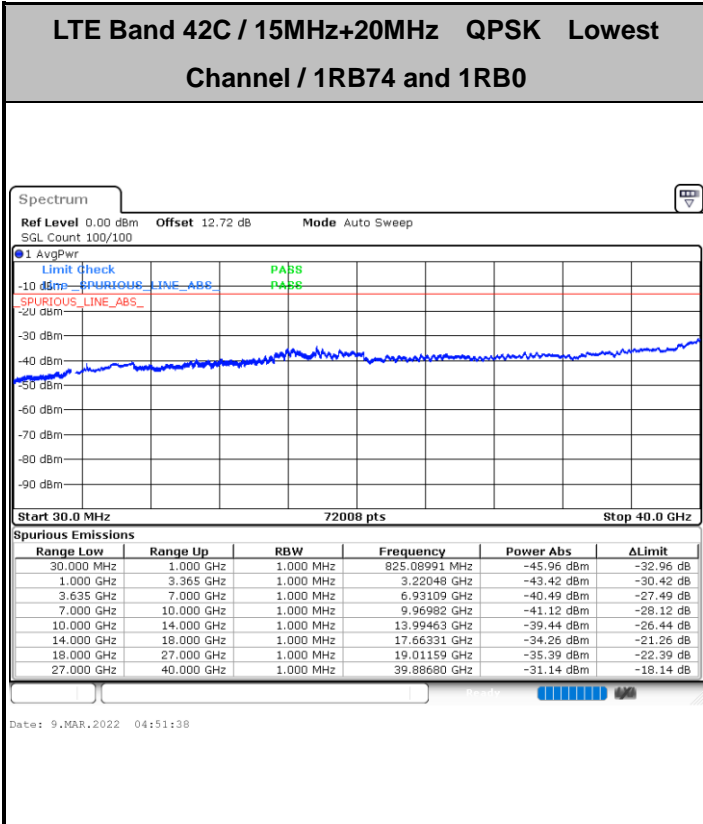




# Conducted Spurious Emission

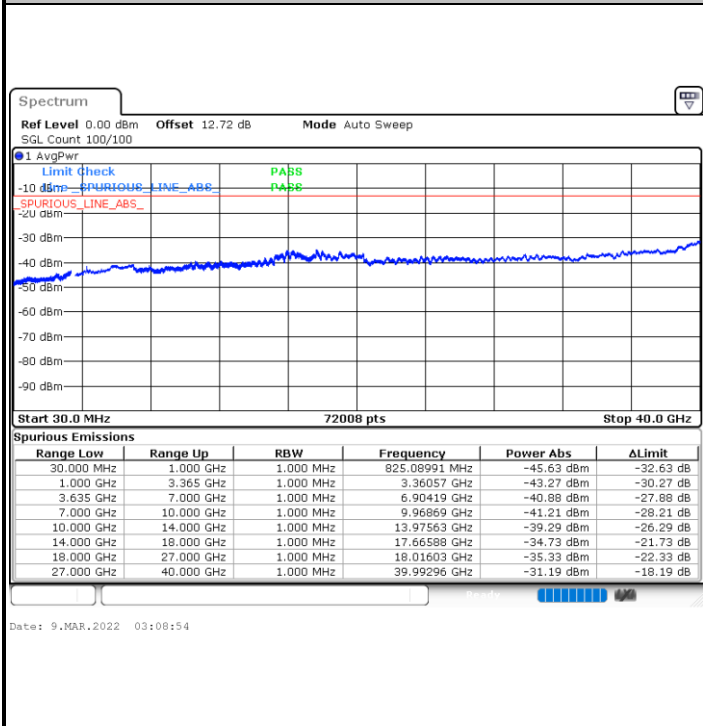




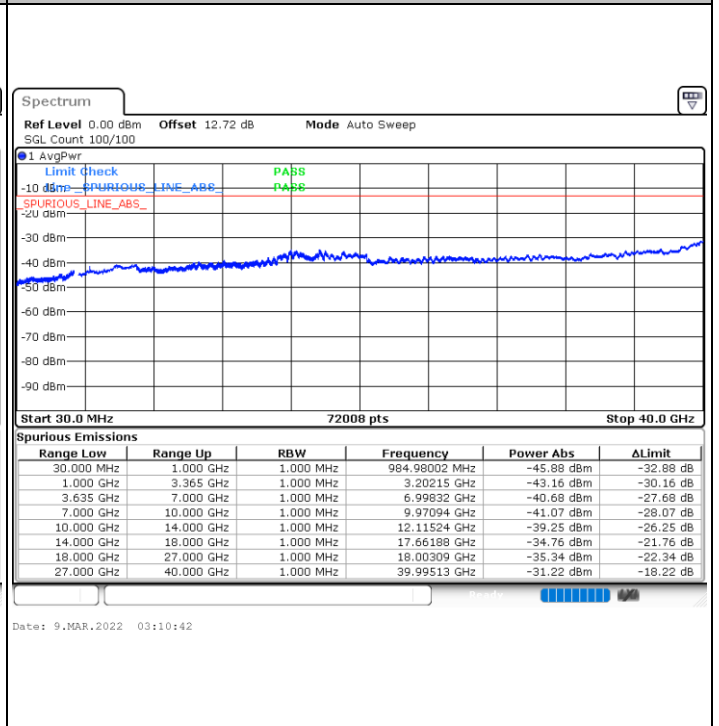




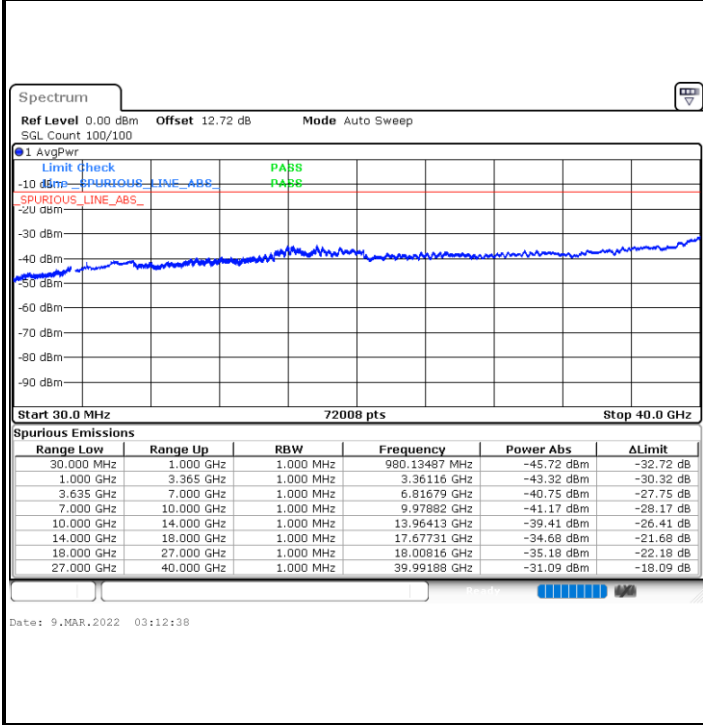
**LTE Band 42C / 20MHz+5MHz QPSK Lowest Channel / 1RB99 and 1RB0**



**LTE Band 42C / 20MHz+5MHz QPSK Middle Channel / 1RB99 and 1RB0**



**LTE Band 42C / 20MHz+5MHz QPSK Highest Channel / 1RB99 and 1RB0**

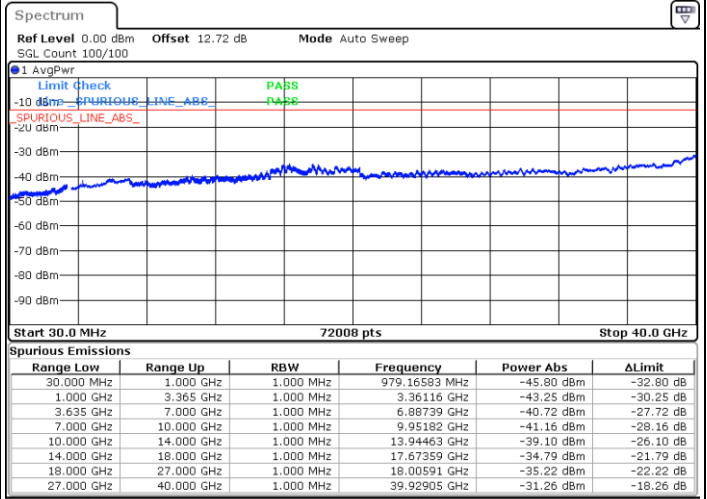
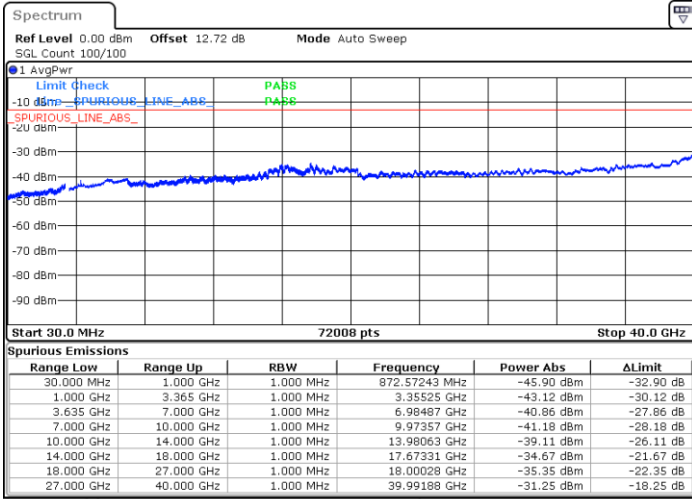






LTE Band 42C / 20MHz+10MHz QPSK Lowest Channel / 1RB99 and 1RB0

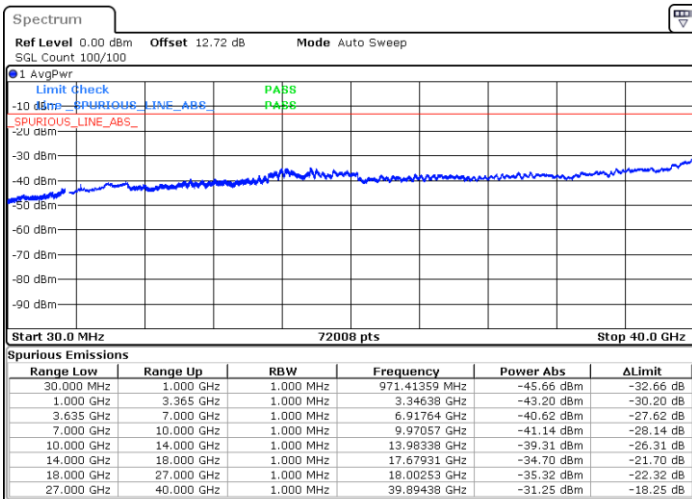
LTE Band 42C / 20MHz+10MHz QPSK Middle Channel / 1RB99 and 1RB0



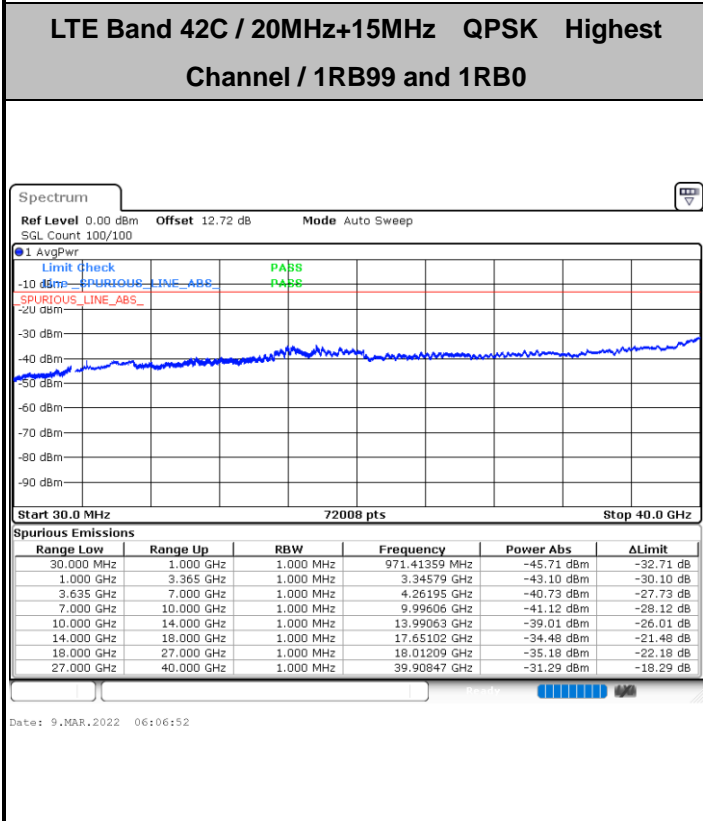
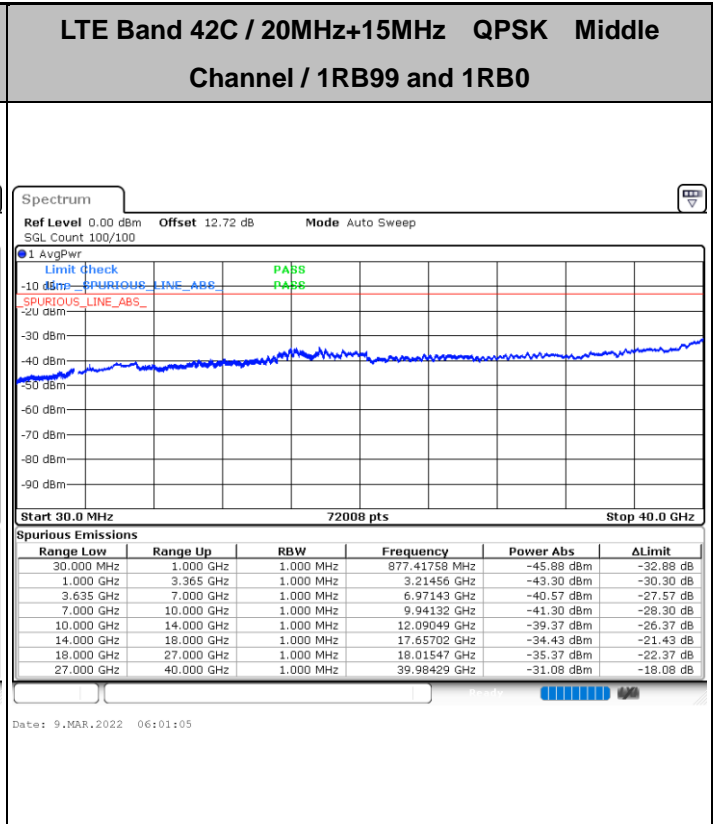
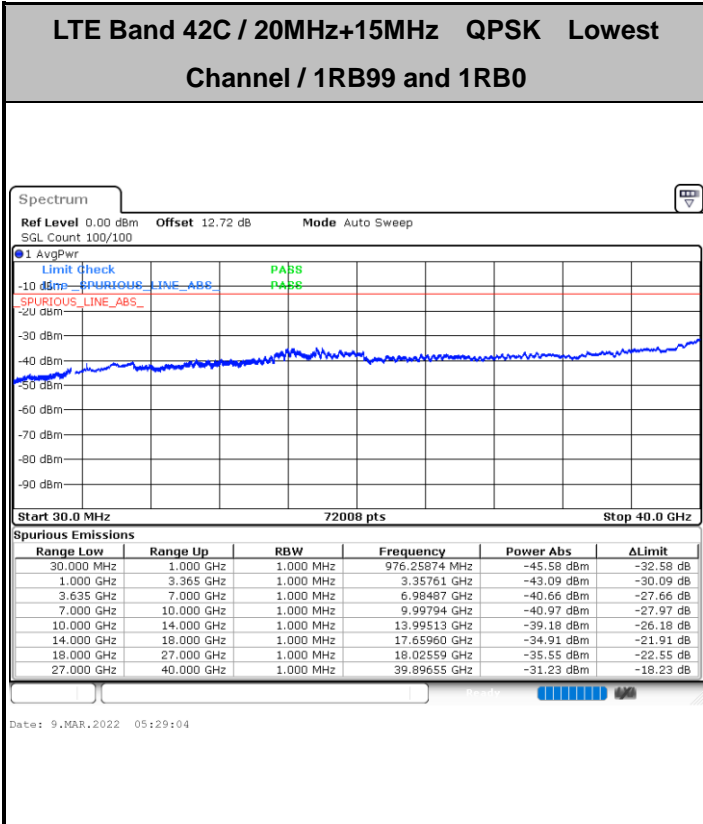
Date: 9.MAR.2022 04:08:57

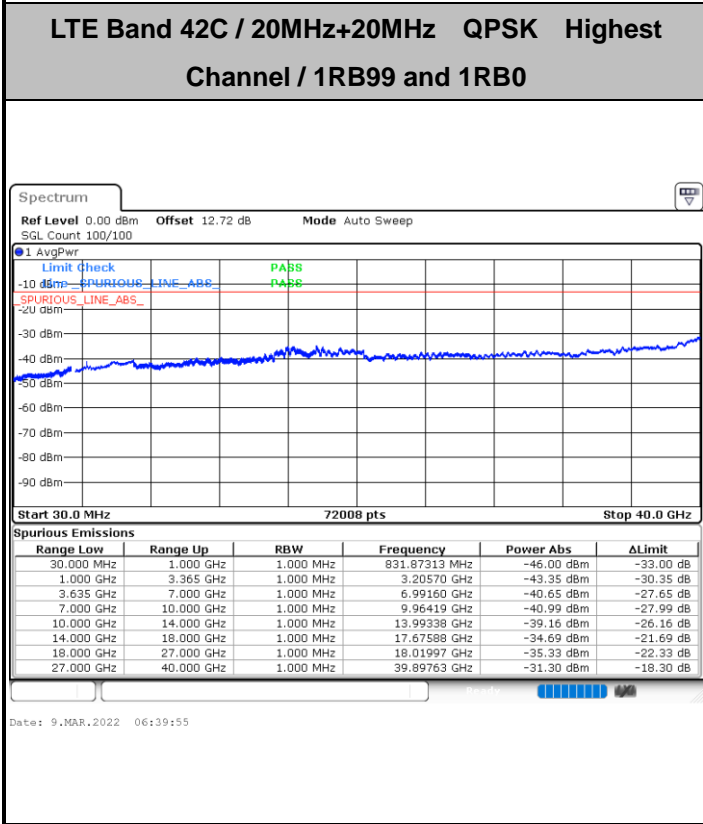
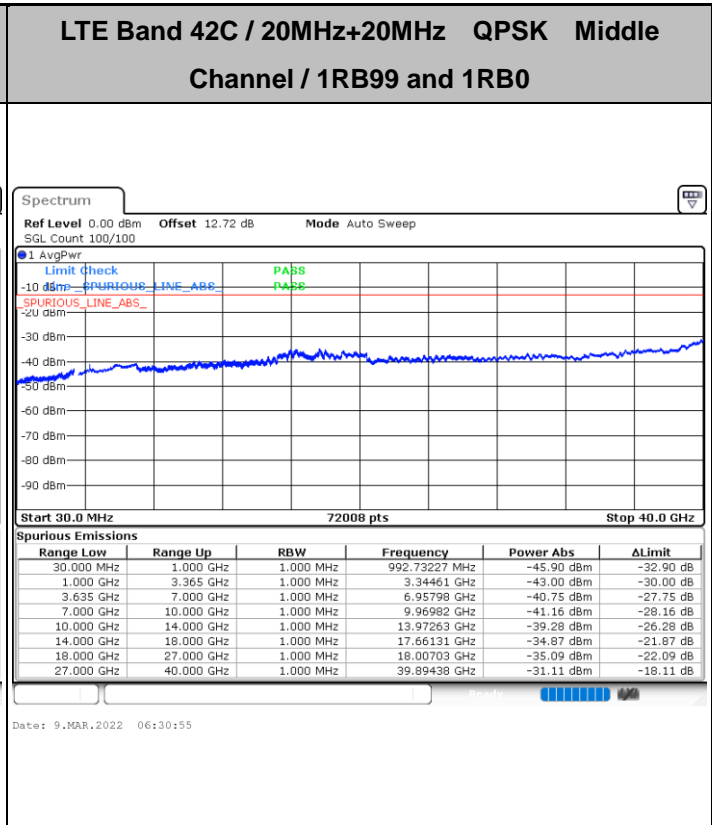
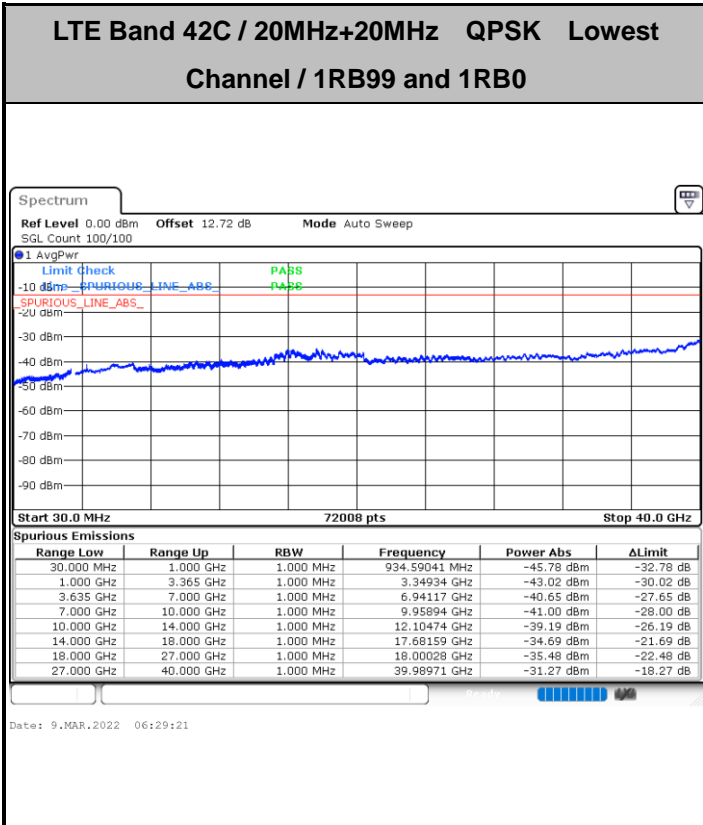
Date: 9.MAR.2022 04:10:42

LTE Band 42C / 20MHz+10MHz QPSK Highest Channel / 1RB99 and 1RB0



Date: 9.MAR.2022 04:12:18





## Frequency Stability

| Test Conditions  |                   | LTE Band 42C (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|--------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 20+20MHz                          | Note 2. |
|                  |                   | Deviation (ppm)                      | Result  |
| 50               | Normal Voltage    | 0.0023                               | PASS    |
| 40               | Normal Voltage    | 0.0017                               |         |
| 30               | Normal Voltage    | 0.0012                               |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                               |         |
| 10               | Normal Voltage    | 0.0008                               |         |
| 0                | Normal Voltage    | 0.0015                               |         |
| -10              | Normal Voltage    | 0.0022                               |         |
| -20              | Normal Voltage    | 0.0013                               |         |
| -30              | Normal Voltage    | 0.0016                               |         |
| 20               | Maximum Voltage   | 0.0009                               |         |
| 20               | Normal Voltage    | 0.0000                               |         |
| 20               | Battery End Point | 0.0014                               |         |

**Note:**

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.3 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



## Appendix B. Test Results of Radiated Test

### Radiated Spurious Emission

|                 |            |                     |         |
|-----------------|------------|---------------------|---------|
| Test Engineer : | Chris Chen | Temperature :       | 22~23°C |
|                 |            | Relative Humidity : | 41~42%  |

| LTE Band 42 / 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                     | 6984              | -54.79       | -13           | -41.79            | -65.00             | 3.03                 | 13.24                 | H                  |
|                            | 10476             | -56.77       | -13           | -43.77            | -66.22             | 3.56                 | 13.01                 | H                  |
|                            | 13968             | -60.04       | -13           | -47.04            | -69.56             | 3.92                 | 13.44                 | H                  |
|                            | 6984              | -54.93       | -13           | -41.93            | -65.14             | 3.03                 | 13.24                 | V                  |
|                            | 10476             | -58.63       | -13           | -45.63            | -68.08             | 3.56                 | 13.01                 | V                  |
|                            | 13968             | -60.42       | -13           | -47.42            | -69.94             | 3.92                 | 13.44                 | V                  |

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

| LTE Band 42C_CA / 20MHz+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                               | 6960              | -54.17       | -13           | -41.17            | -64.38             | 3.03                 | 13.24                 | H                  |
|                                      | 10440             | -49.14       | -13           | -36.14            | -58.59             | 3.56                 | 13.01                 | H                  |
|                                      | 13920             | -59.92       | -13           | -46.92            | -69.44             | 3.92                 | 13.44                 | H                  |
|                                      | 6960              | -58.16       | -13           | -45.16            | -68.37             | 3.03                 | 13.24                 | V                  |
|                                      | 10440             | -47.01       | -13           | -34.01            | -56.46             | 3.56                 | 13.01                 | V                  |
|                                      | 13920             | -57.57       | -13           | -44.57            | -67.09             | 3.92                 | 13.44                 | V                  |

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