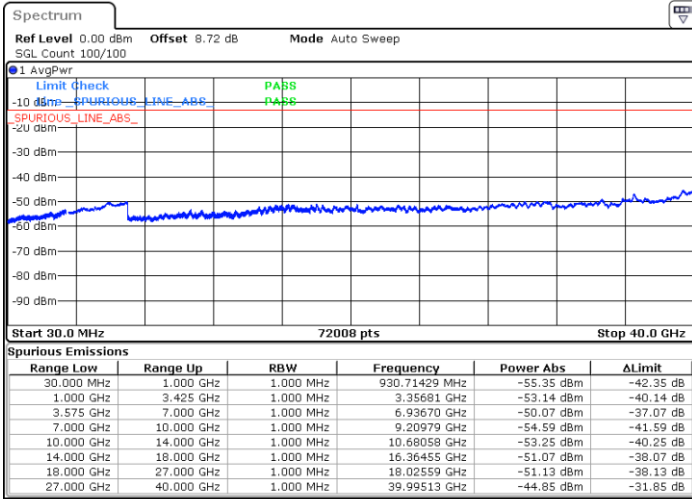




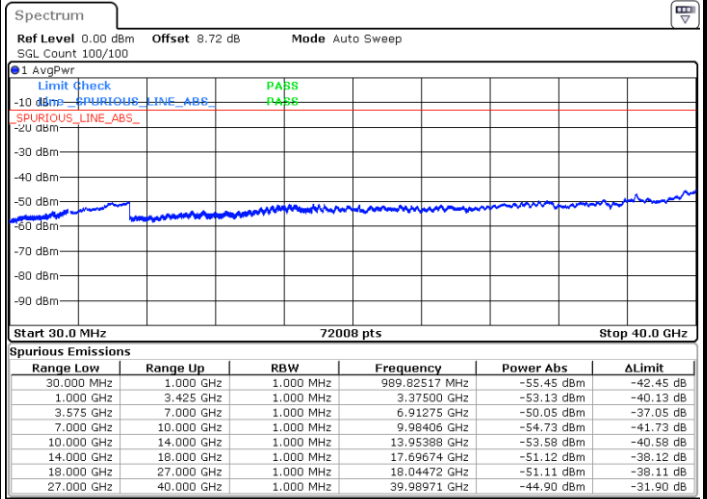
LTE Band 42 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

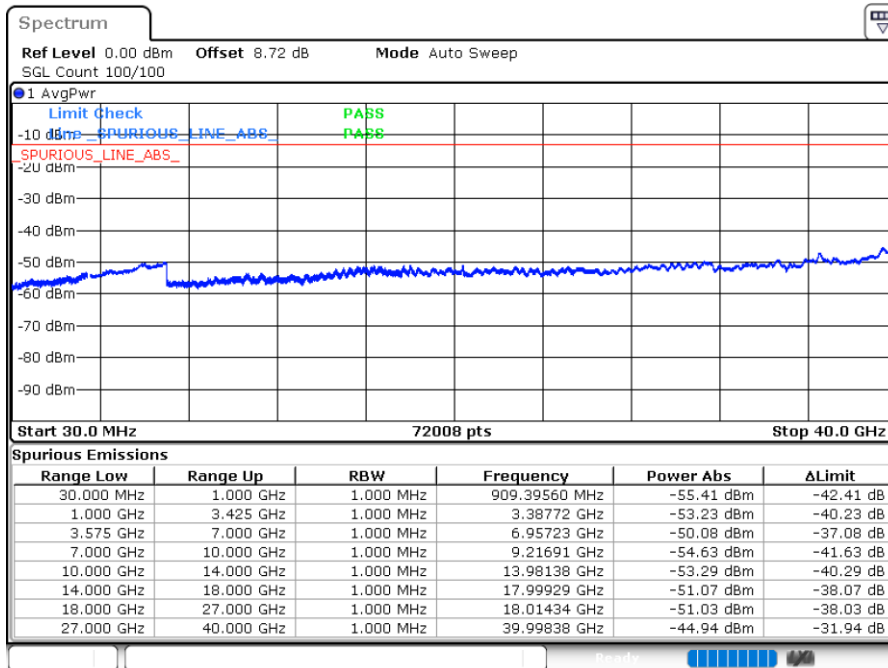


Date: 15.NOV.2022 14:20:06



Date: 15.NOV.2022 14:21:27

Highest Channel / QPSK



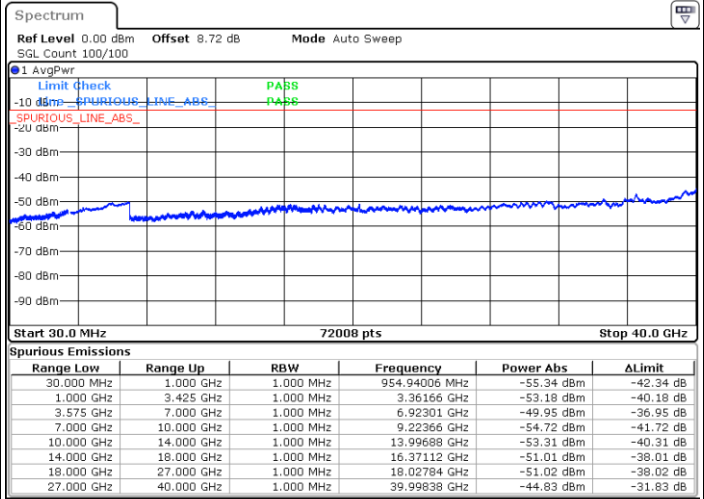
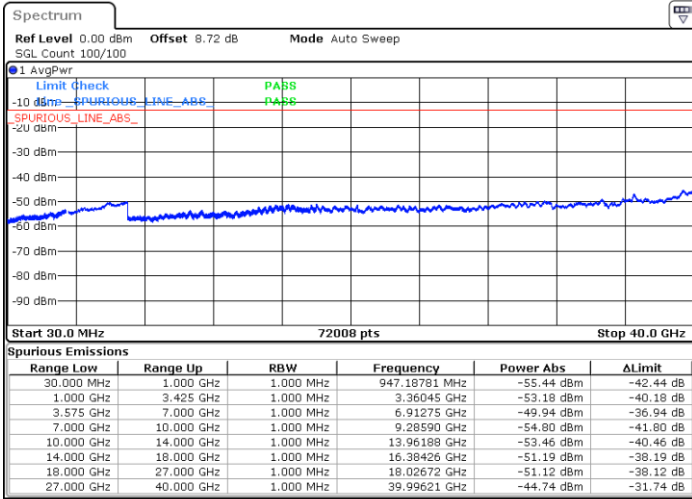
Date: 15.NOV.2022 14:23:38



LTE Band 42 / 20MHz

Lowest Channel / QPSK

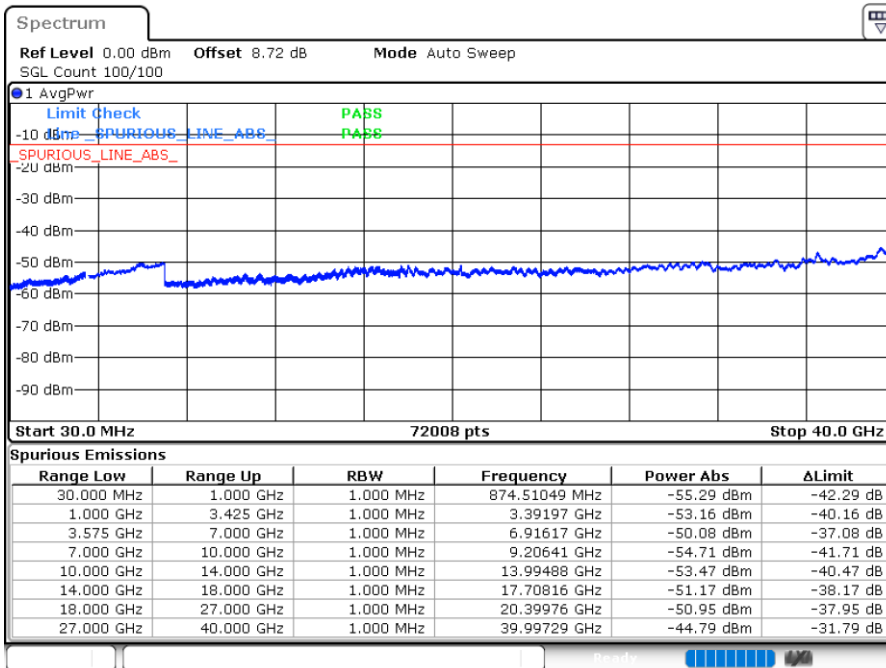
Middle Channel / QPSK



Date: 15.NOV.2022 14:24:59

Date: 15.NOV.2022 14:26:45

Highest Channel / QPSK



Date: 15.NOV.2022 14:29:16

## Frequency Stability

| Test Conditions  |                   | LTE Band 42 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                            | Note 2. |
|                  |                   | Deviation (ppm)                     | Result  |
| 50               | Normal Voltage    | 0.0014                              | PASS    |
| 40               | Normal Voltage    | 0.0006                              |         |
| 30               | Normal Voltage    | 0.0011                              |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                              |         |
| 10               | Normal Voltage    | 0.0012                              |         |
| 0                | Normal Voltage    | 0.0017                              |         |
| -10              | Normal Voltage    | 0.0029                              |         |
| -20              | Normal Voltage    | 0.0023                              |         |
| -30              | Normal Voltage    | 0.0028                              |         |
| 20               | Maximum Voltage   | 0.0009                              |         |
| 20               | Normal Voltage    | 0.0000                              |         |
| 20               | Battery End Point | 0.0005                              |         |

**Note:**

1. Normal Voltage = 3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 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 : | Zhaohui Liang | Temperature :       | 22~25°C |
|                 |               | Relative Humidity : | 48~52%  |

| LTE Band 42 / 20MHz / QPSK / RB Size 1 Offset 0(Ant.2) |                   |              |               |                   |                   |                    |                      |                       |                    |
|--|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel  | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle   | 6982.00           | -57.77       | -13           | -44.77            | -78.55            | -61.07             | 8.30                 | 11.60                 | H                  |
|  | 10473.00          | -52.96       | -13           | -39.96            | -79.72            | -54.48             | 10.48                | 12.00                 | H                  |
|  | 13964.00          | -47.80       | -13           | -34.80            | -79.36            | -49.50             | 11.80                | 13.50                 | H                  |
|  | 6982.00           | -36.93       | -13           | -23.93            | -57.87            | -40.23             | 8.30                 | 11.60                 | V                  |
|  | 10473.00          | -53.23       | -13           | -40.23            | -79.91            | -54.75             | 10.48                | 12.00                 | V                  |
|  | 13964.00          | -48.74       | -13           | -35.74            | -79.93            | -50.44             | 11.80                | 13.50                 | V                  |

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