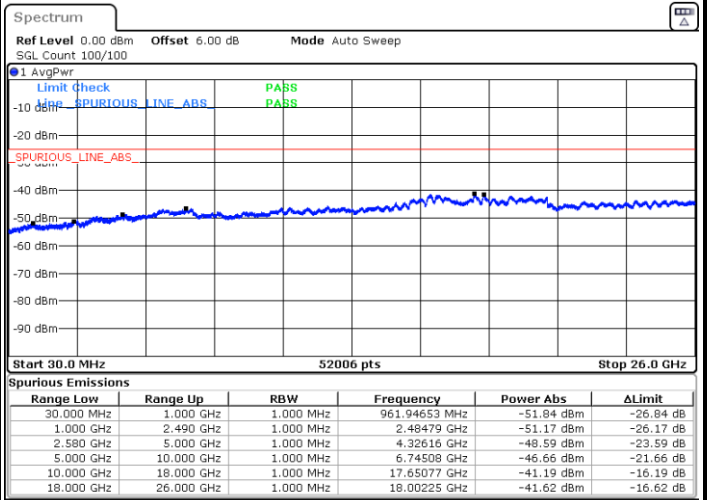
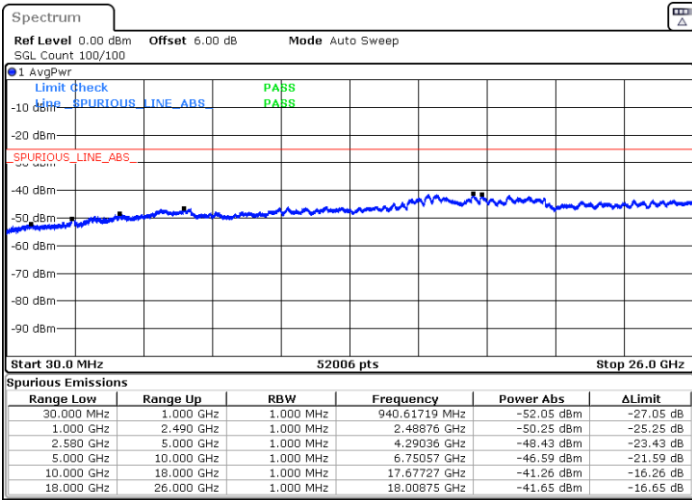




LTE Band 7 / 10MHz

Lowest Channel / QPSK

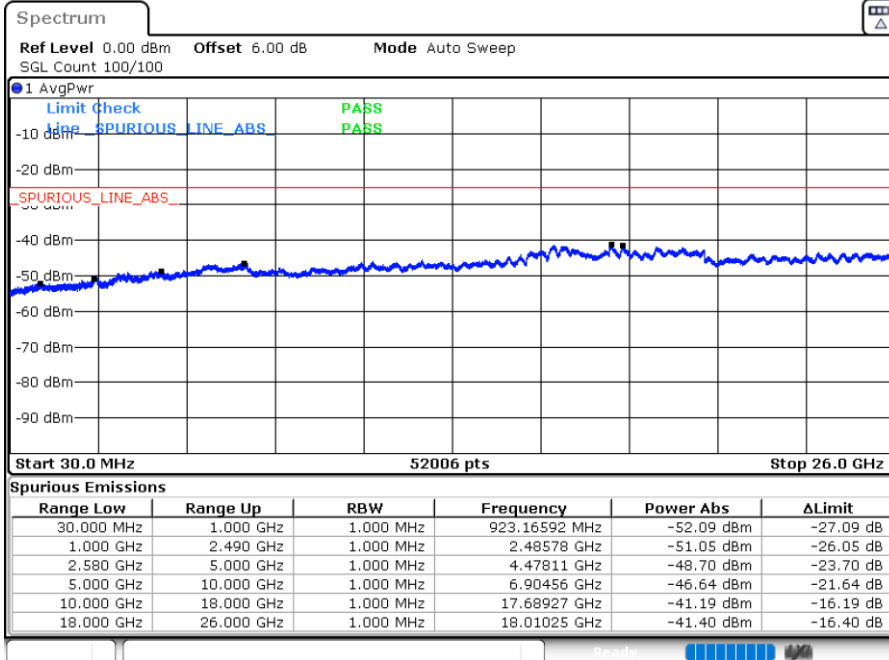
Middle Channel / QPSK



Date: 13.MAY.2022 07:03:31

Date: 13.MAY.2022 07:13:34

Highest Channel / QPSK



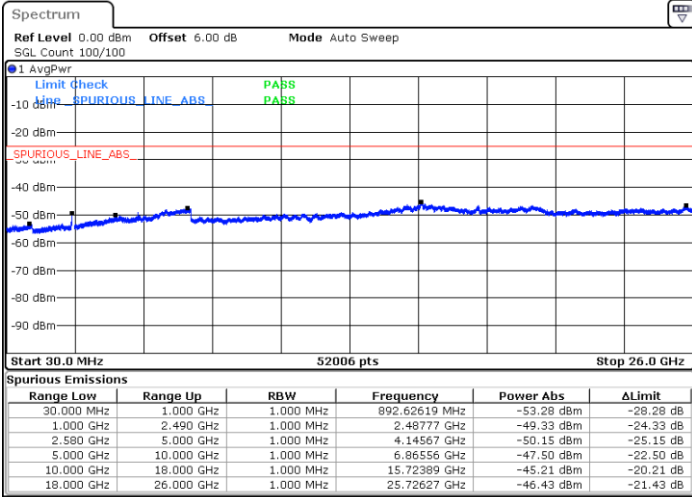
Date: 13.MAY.2022 07:15:12



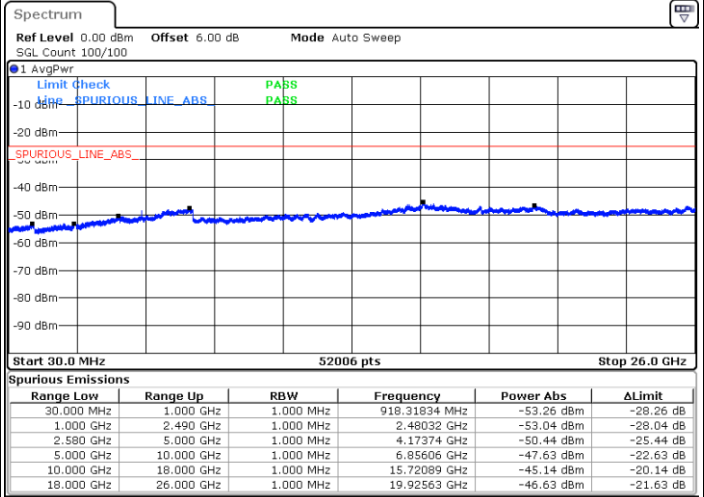
LTE Band 7 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

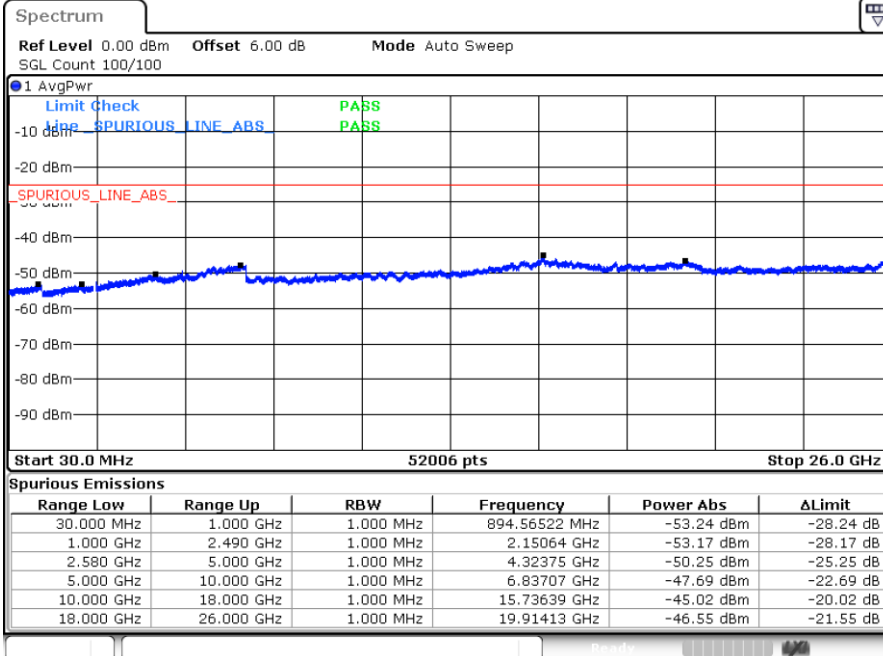


Date: 17.MAY.2022 20:29:14



Date: 17.MAY.2022 20:27:39

Highest Channel / QPSK



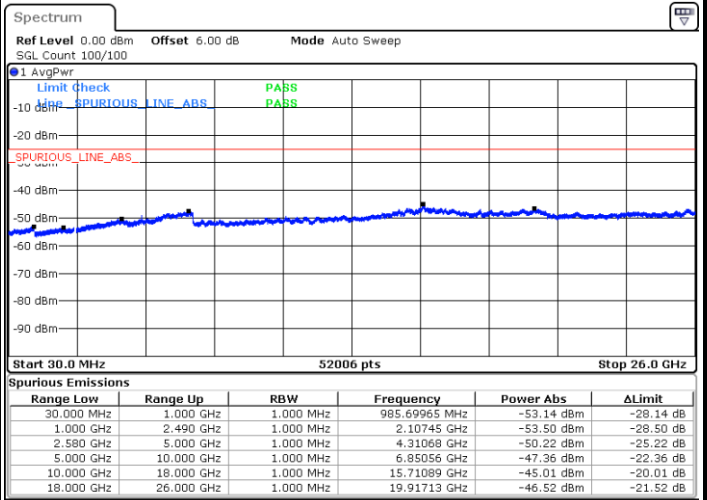
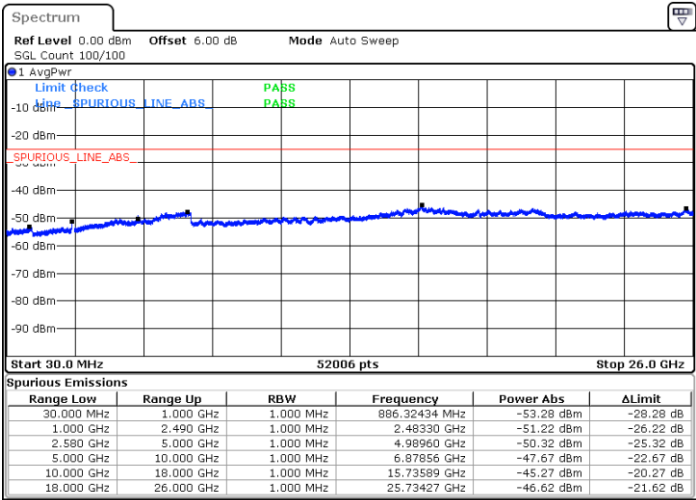
Date: 17.MAY.2022 20:30:44



LTE Band 7 / 20MHz

Lowest Channel / QPSK

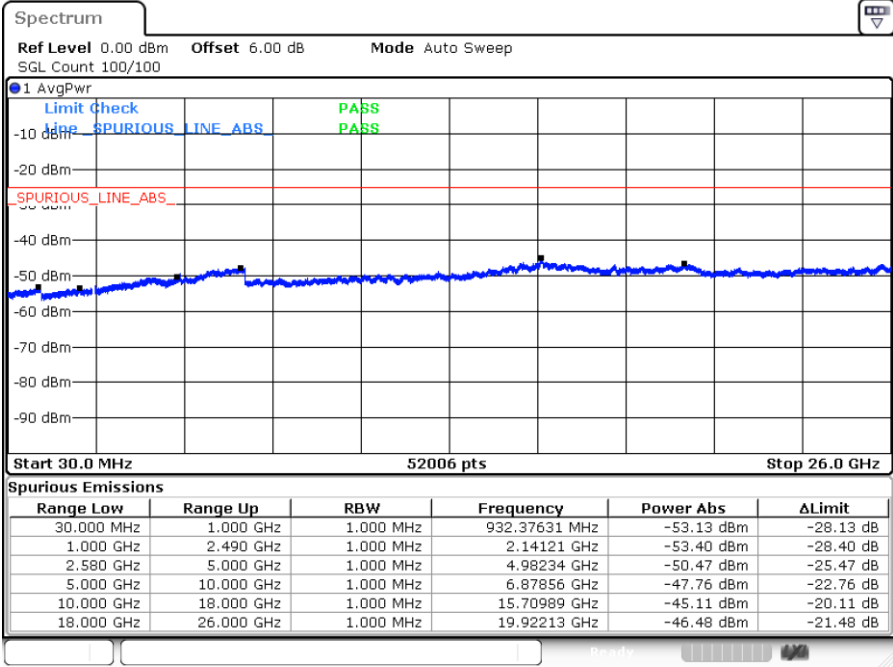
Middle Channel / QPSK



Date: 17.MAY.2022 20:32:29

Date: 17.MAY.2022 20:48:03

Highest Channel / QPSK



Date: 17.MAY.2022 20:51:48



Frequency Stability

| Test Conditions | | LTE Band 7 (QPSK) / Middle Channel | Limit |
|------------------|-------------------|------------------------------------|---------|
| Temperature (°C) | Voltage (Volt) | BW 10MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0072 | PASS |
| 40 | Normal Voltage | 0.0033 | |
| 30 | Normal Voltage | 0.0056 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0089 | |
| 0 | Normal Voltage | 0.0125 | |
| -10 | Normal Voltage | 0.0116 | |
| -20 | Normal Voltage | 0.0138 | |
| -30 | Normal Voltage | 0.0076 | |
| 20 | Maximum Voltage | 0.0053 | |
| 20 | Normal Voltage | 0.0024 | |
| 20 | Battery End Point | 0.0067 | |

Note:

1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.48 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 7 / 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 | 5002.18 | -58.86 | -25 | -33.86 | -81.61 | -64.42 | 7.12 | 12.68 | H |
| | 7503.27 | -55.70 | -25 | -30.70 | -82.04 | -59.03 | 8.26 | 11.59 | H |
| | 10004.36 | -53.72 | -25 | -28.72 | -83.75 | -55.25 | 10.45 | 11.98 | H |
| | 5002.18 | -57.41 | -25 | -32.41 | -81.84 | -62.97 | 7.12 | 12.68 | V |
| | 7503.27 | -55.82 | -25 | -30.82 | -82.15 | -59.15 | 8.26 | 11.59 | V |
| | 10004.36 | -53.24 | -25 | -28.24 | -83.91 | -54.77 | 10.45 | 11.98 | V |
| Middle | 5052.18 | -58.07 | -25 | -33.07 | -81.17 | -63.63 | 7.14 | 12.70 | H |
| | 7578.27 | -55.99 | -25 | -30.99 | -82.07 | -59.29 | 8.30 | 11.60 | H |
| | 10104.36 | -52.92 | -25 | -27.92 | -83.12 | -54.44 | 10.48 | 12.00 | H |
| | 5052.18 | -56.89 | -25 | -31.89 | -81.32 | -62.45 | 7.14 | 12.70 | V |
| | 7578.27 | -55.68 | -25 | -30.68 | -81.76 | -58.98 | 8.30 | 11.60 | V |
| | 10104.36 | -51.47 | -25 | -26.47 | -82.65 | -52.99 | 10.48 | 12.00 | V |
| Highest | 5102.18 | -57.99 | -25 | -32.99 | -81.44 | -63.55 | 7.16 | 12.72 | H |
| | 7653.27 | -55.88 | -25 | -30.88 | -81.75 | -59.18 | 8.33 | 11.63 | H |
| | 10204.36 | -53.14 | -25 | -28.14 | -83.50 | -54.74 | 10.50 | 12.10 | H |
| | 5102.18 | -57.24 | -25 | -32.24 | -81.67 | -62.80 | 7.16 | 12.72 | V |
| | 7653.27 | -54.46 | -25 | -29.46 | -81.36 | -57.76 | 8.33 | 11.63 | V |
| | 10204.36 | -52.02 | -25 | -27.02 | -83.65 | -53.62 | 10.50 | 12.10 | V |

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