

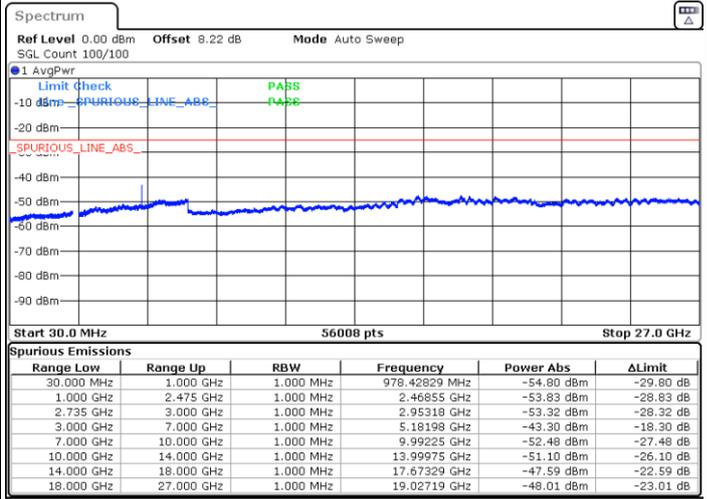
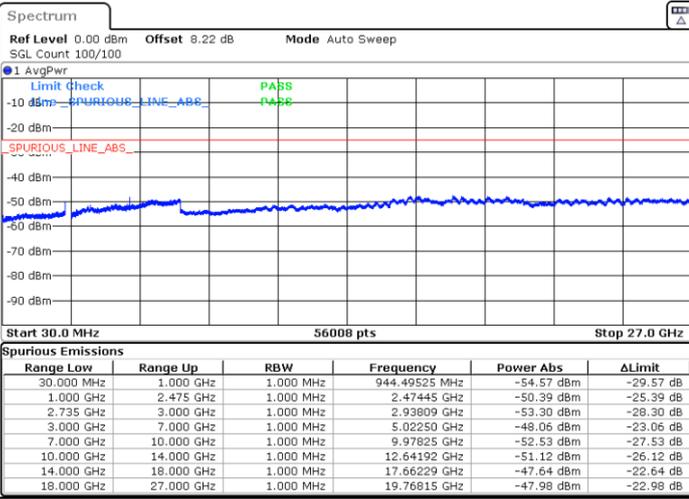


LTE Band 41C / 15MHz+20MHz

QPSK

Lowest Channel / 1RB74 and 1RB0

Middle Channel / 1RB74 and 1RB0

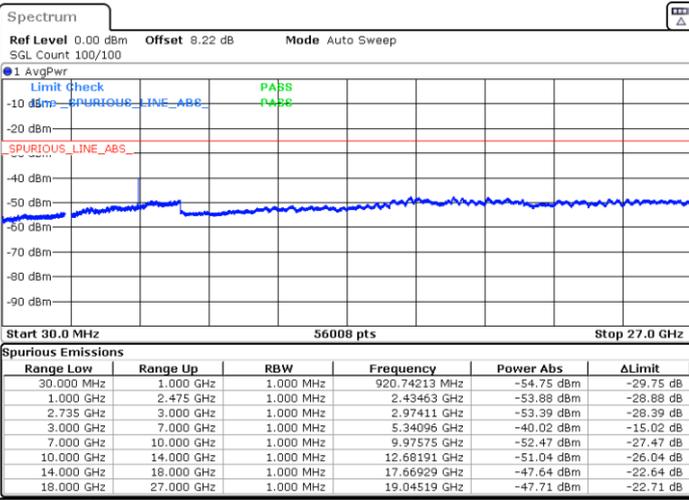


Date: 1.JUL.2022 06:10:22

Date: 1.JUL.2022 06:11:54

Highest Channel / 1RB49and 1RB0

N/A



Date: 1.JUL.2022 06:13:26

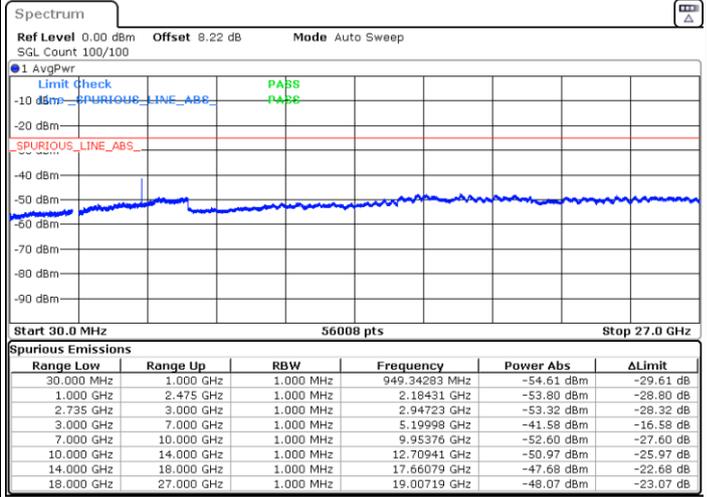
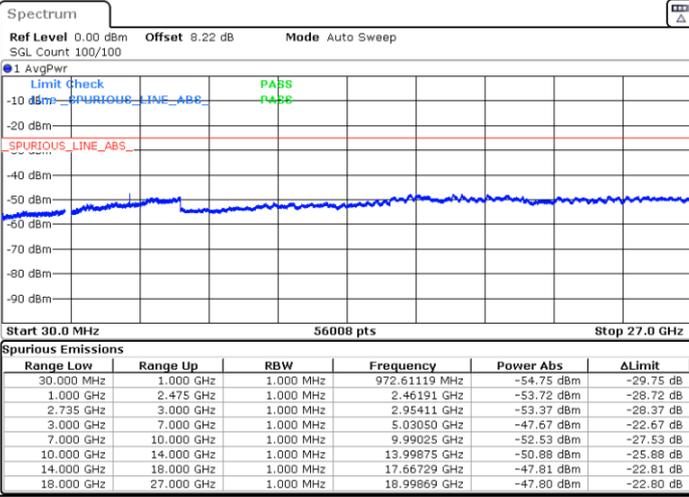


LTE Band 41C / 20MHz+5MHz

QPSK

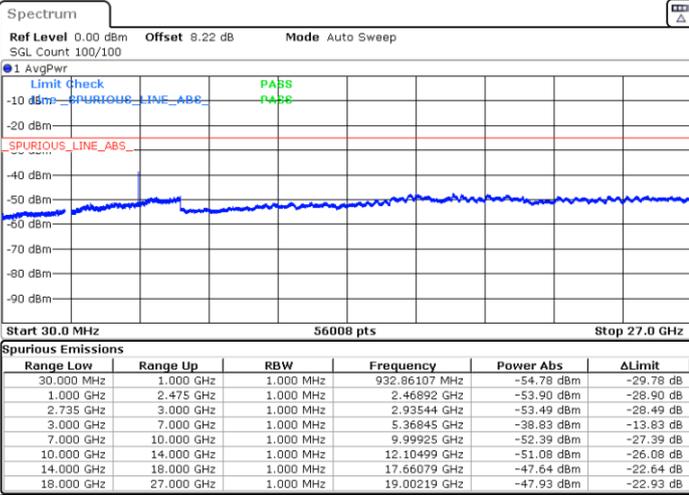
Lowest Channel / 1RB99and 1RB0

Middle Channel / 1RB99 and 1RB0



Highest Channel / 1RB99and 1RB0

N/A



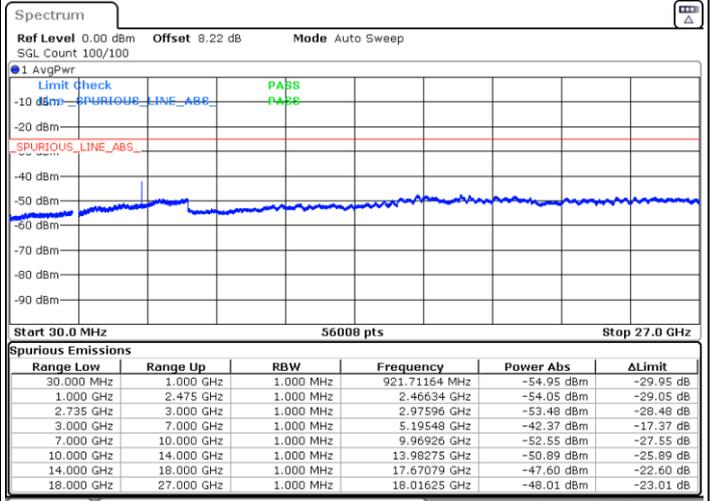
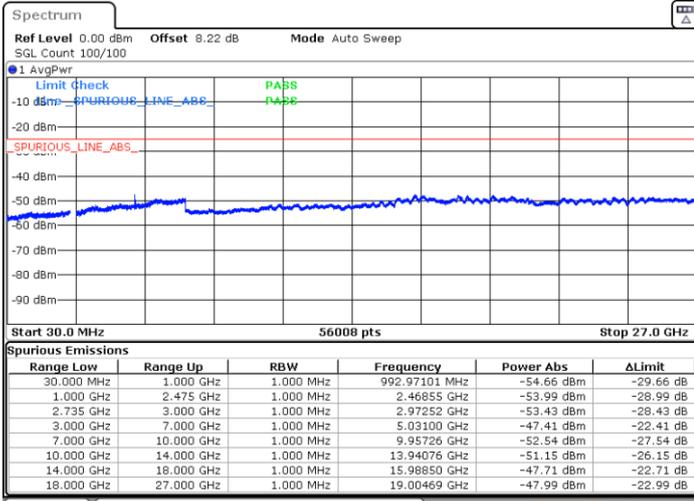


LTE Band 41C / 20MHz+10MHz

QPSK

Lowest Channel / 1RB99and 1RB0

Middle Channel / 1RB99 and 1RB0

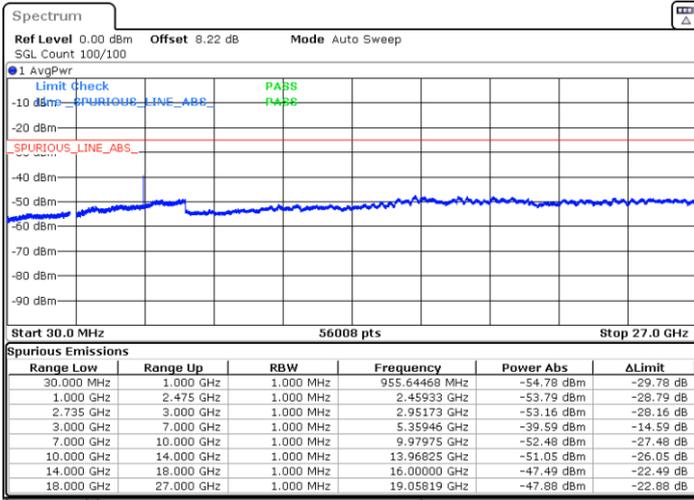


Date: 1.JUL.2022 07:08:16

Date: 1.JUL.2022 07:09:48

Highest Channel / 1RB99and 1RB0

N/A



Date: 1.JUL.2022 07:11:21

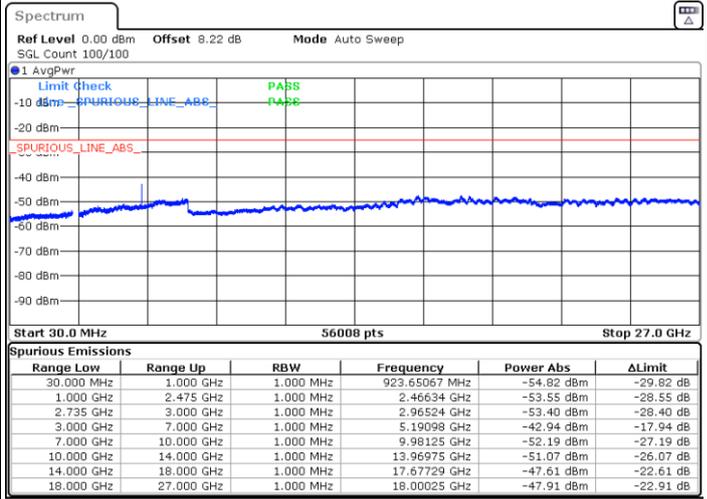
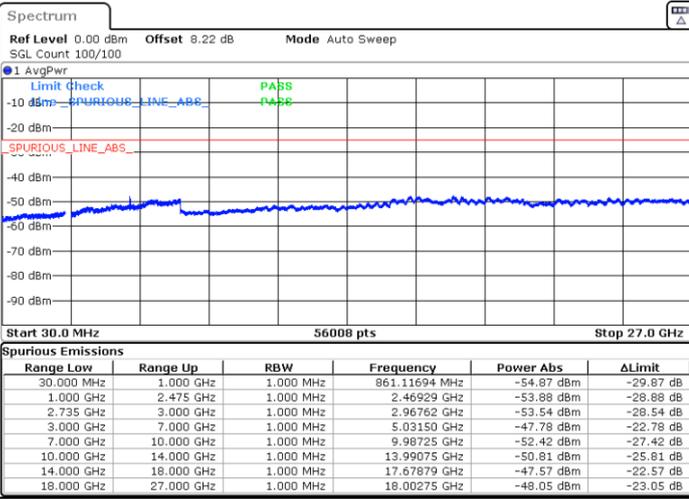


LTE Band 41C / 20MHz+15MHz

QPSK

Lowest Channel / 1RB99and 1RB0

Middle Channel / 1RB99 and 1RB0

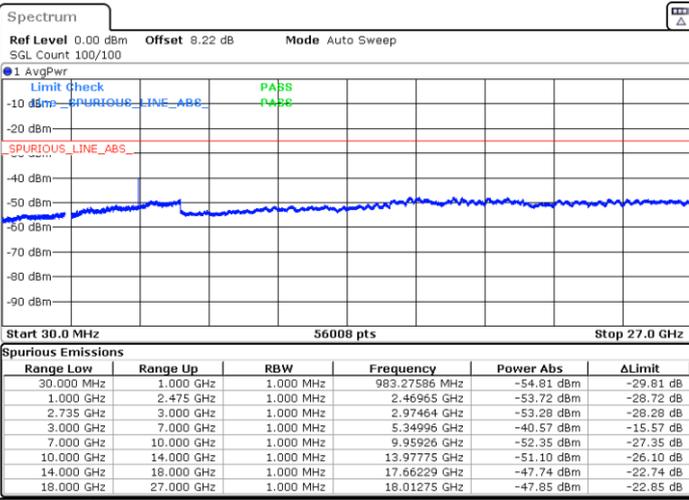


Date: 1.JUL.2022 07:30:16

Date: 1.JUL.2022 07:31:49

Highest Channel / 1RB99and 1RB0

N/A



Date: 1.JUL.2022 07:33:21

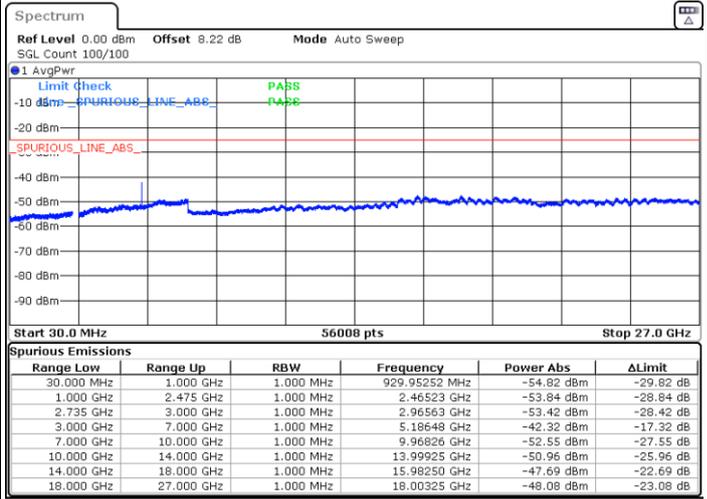
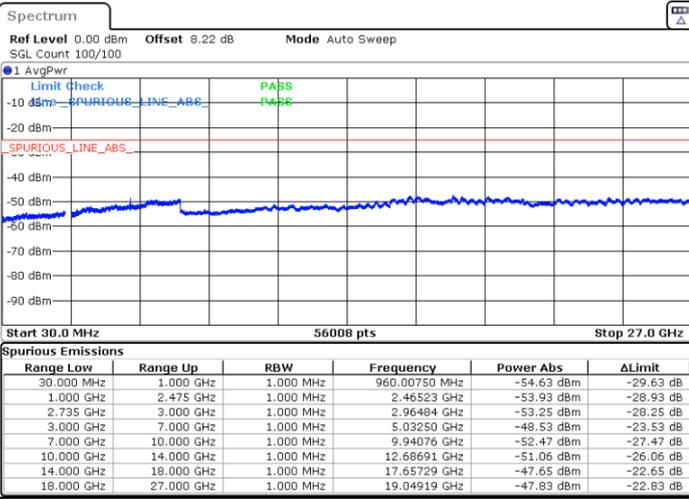


LTE Band 41C / 20MHz+20MHz

QPSK

Lowest Channel / 1RB99and 1RB0

Middle Channel / 1RB99 and 1RB0

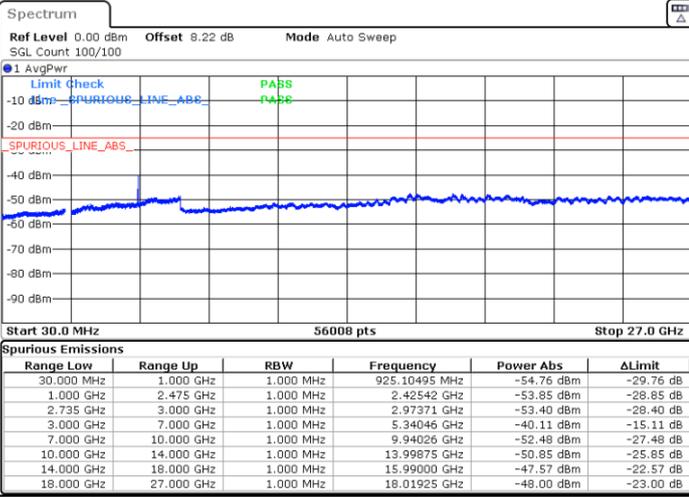


Date: 1.JUL.2022 07:49:06

Date: 1.JUL.2022 07:50:39

Highest Channel / 1RB99and 1RB0

N/A



Date: 1.JUL.2022 07:52:11



Frequency Stability

| Test Conditions | | LTE Band 41C (QPSK) / Middle Channel | Limit |
|------------------|-------------------|--------------------------------------|---------|
| Temperature (°C) | Voltage (Volt) | BW 40MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0039 | PASS |
| 40 | Normal Voltage | 0.0027 | |
| 30 | Normal Voltage | 0.0031 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0012 | |
| 0 | Normal Voltage | 0.0017 | |
| -10 | Normal Voltage | 0.0025 | |
| -20 | Normal Voltage | 0.0019 | |
| -30 | Normal Voltage | 0.0033 | |
| 20 | Maximum Voltage | 0.0018 | |
| 20 | Normal Voltage | 0.0028 | |
| 20 | Battery End Point | 0.0035 | |

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.25 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 : | Levi Zhuo | Temperature : | 22~23°C |
| | | Relative Humidity : | 41~42% |

Note: Pre-scanned harmonic for all the supported antennas, choose the worst antenna perform final test and record in the report.

| LTE Band 2 / 20MHz / QPSK / Ant.2 | | | | | | | | |
|-----------------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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 | 3742 | -54.99 | -13 | -41.99 | -67.25 | 2.64 | 14.90 | H |
| | 5610 | -52.92 | -13 | -39.92 | -64.78 | 2.94 | 14.80 | H |
| | 7485 | -50.53 | -13 | -37.53 | -60.30 | 3.39 | 13.16 | H |
| | 3742 | -55.06 | -13 | -42.06 | -67.32 | 2.64 | 14.90 | V |
| | 5610 | -53.08 | -13 | -40.08 | -64.94 | 2.94 | 14.80 | V |
| | 7485 | -50.58 | -13 | -37.58 | -60.35 | 3.39 | 13.16 | V |

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

| LTE Band 4 / 20MHz / QPSK / Ant.2 | | | | | | | | |
|-----------------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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 | 3450 | -52.36 | -13 | -39.36 | -63.10 | 2.604 | 13.34 | H |
| | 5170 | -53.38 | -13 | -40.38 | -63.89 | 3.011 | 13.52 | H |
| | 6894 | -50.94 | -13 | -37.94 | -61.14 | 3.271 | 13.47 | H |
| | 3450 | -56.96 | -13 | -43.96 | -67.70 | 2.604 | 13.34 | V |
| | 5170 | -52.80 | -13 | -39.80 | -63.31 | 3.011 | 13.52 | V |
| | 6894 | -53.79 | -13 | -40.79 | -63.99 | 3.271 | 13.47 | V |

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



| LTE Band 41C_CA / 20MHz+20MHz / QPSK / Ant.2 | | | | | | | | |
|--|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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 | 5148 | -64.02 | -25 | -39.02 | -74.23 | 3.03 | 13.24 | H |
| | 7720 | -62.20 | -25 | -37.20 | -71.65 | 3.56 | 13.01 | H |
| | 10296 | -61.54 | -25 | -36.54 | -71.06 | 3.92 | 13.44 | H |
| | 5148 | -64.17 | -25 | -39.17 | -74.38 | 3.03 | 13.24 | V |
| | 7720 | -62.65 | -25 | -37.65 | -72.10 | 3.56 | 13.01 | V |
| | 10300 | -61.11 | -25 | -36.11 | -70.63 | 3.92 | 13.44 | V |

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