

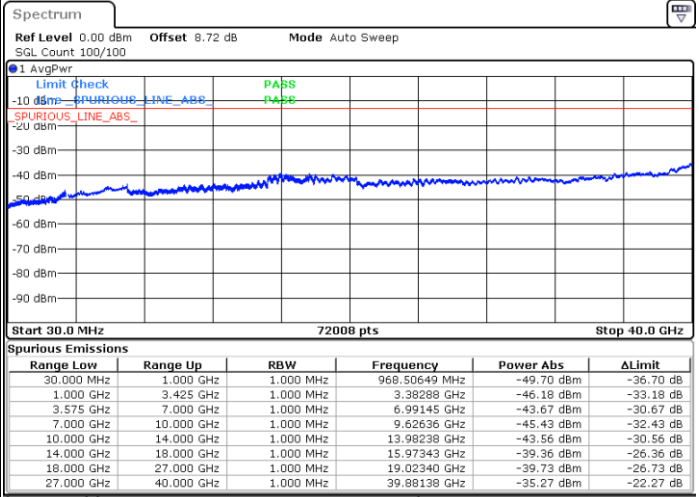
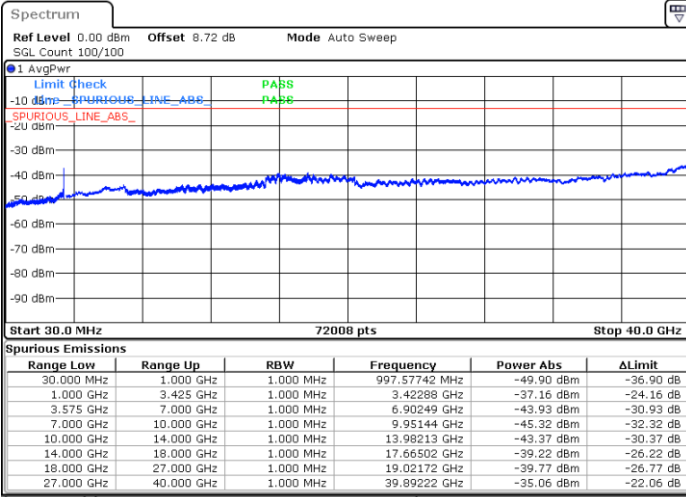


LTE Band 42/ 10MHz

QPSK / 1RB0

Lowest Channel

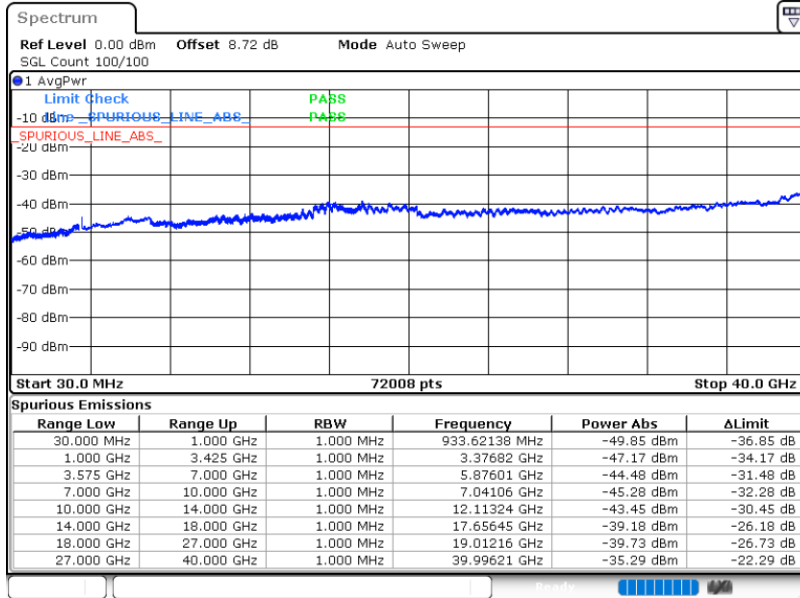
Middle Channel



Date: 10.MAY.2024 11:09:45

Date: 10.MAY.2024 11:18:41

Highest Channel



Date: 10.MAY.2024 11:21:27

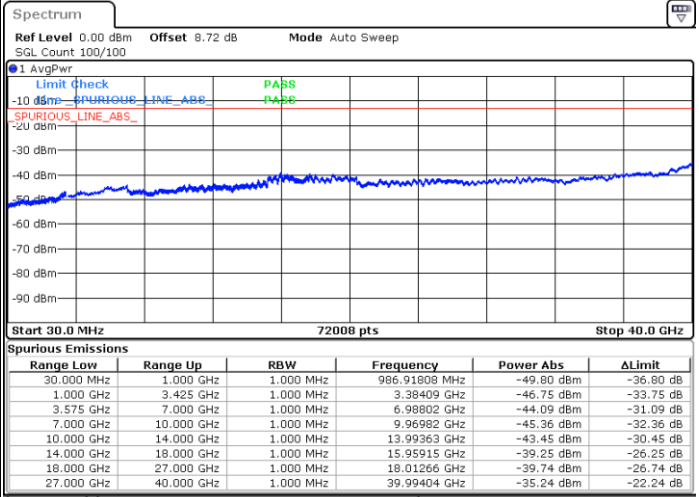
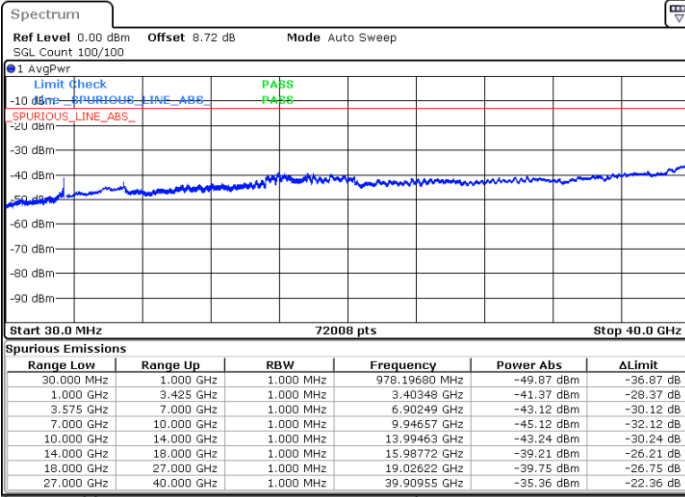


LTE Band 42/ 15MHz

QPSK / 1RB0

Lowest Channel

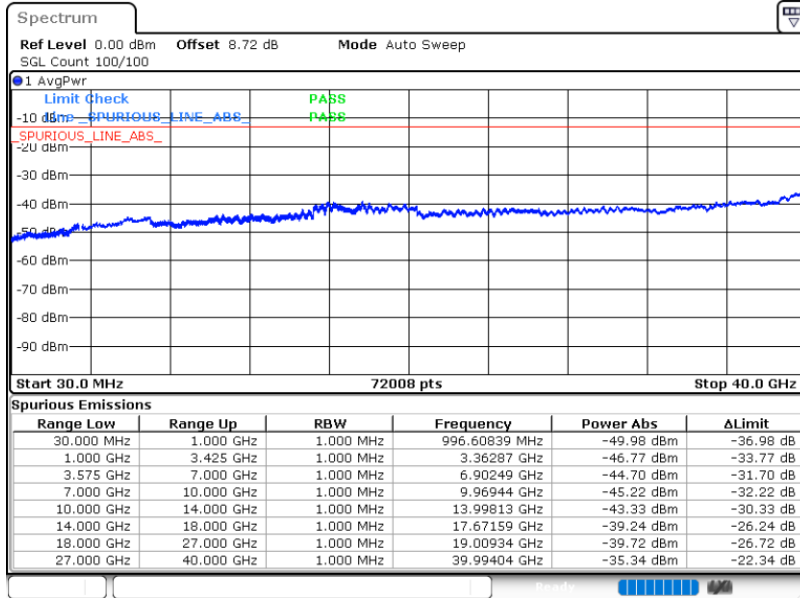
Middle Channel



Date: 10.MAY.2024 11:46:44

Date: 10.MAY.2024 11:56:04

Highest Channel



Date: 10.MAY.2024 11:58:49

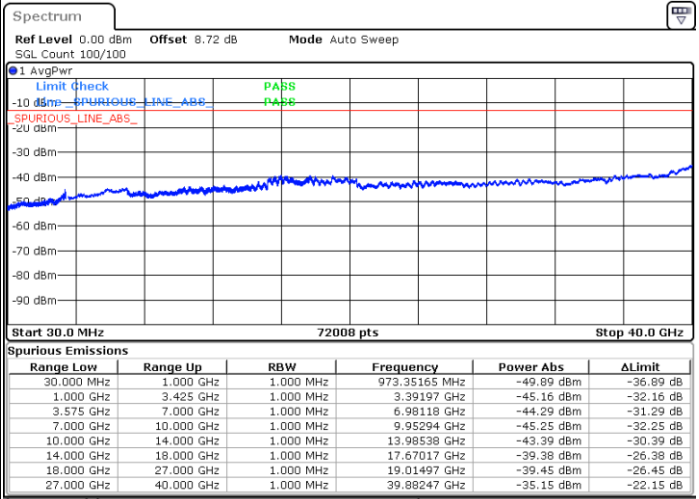
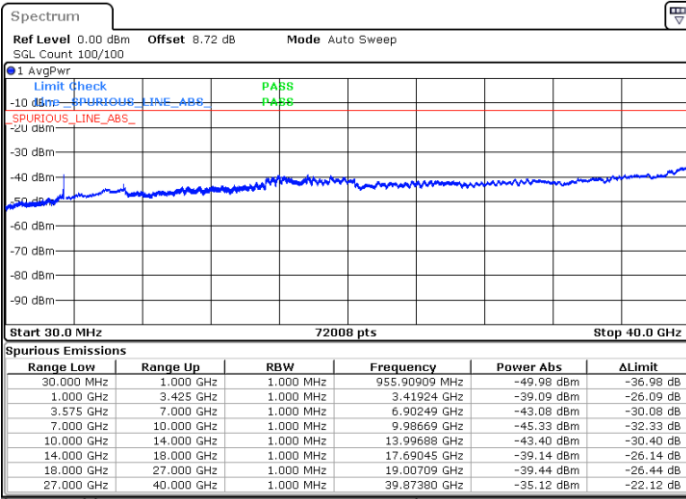


LTE Band 42/ 20MHz

QPSK / 1RB0

Lowest Channel

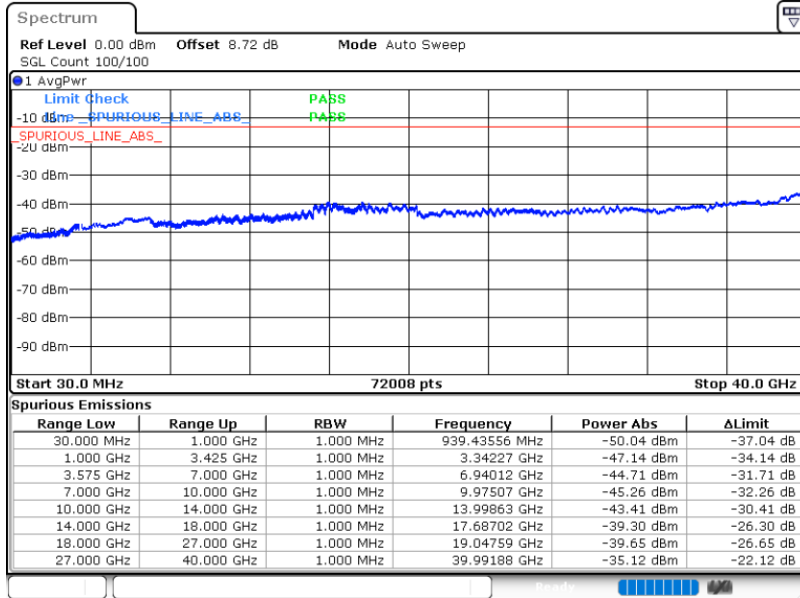
Middle Channel



Date: 10.MAY.2024 12:37:02

Date: 10.MAY.2024 12:46:01

Highest Channel



Date: 10.MAY.2024 12:47:23

Frequency Stability

| Test Conditions | | LTE Band 42 (QPSK) / Middle Channel | Limit |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt) | BW 5MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0052 | PASS |
| 40 | Normal Voltage | 0.0043 | |
| 30 | Normal Voltage | 0.0036 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0016 | |
| 0 | Normal Voltage | 0.0009 | |
| -10 | Normal Voltage | 0.0027 | |
| -20 | Normal Voltage | 0.0023 | |
| -30 | Normal Voltage | 0.0014 | |
| 20 | Maximum Voltage | 0.0019 | |
| 20 | Normal Voltage | 0.0000 | |
| 20 | Battery End Point | 0.0017 | |

Note:

1. Normal Voltage =3.89 ; Battery End Point (BEP) =3.6 ; Maximum Voltage =4.3
2. The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

| | | | |
|-----------------|---------|---------------------|---------|
| Test Engineer : | Carl Ni | Temperature : | 22~23°C |
| | | Relative Humidity : | 40~42% |

Note: Pre-scanned harmonic for the different antennas, we choose the worst antenna mode to perform final test and record in the report.

| LTE Band 42 / 20MHz / QPSK / Ant. 7 | | | | | | | | |
|-------------------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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 | -52.55 | -13 | -39.55 | -62.76 | 3.03 | 13.24 | H |
| | 10476 | -43.74 | -13 | -30.74 | -53.19 | 3.56 | 13.01 | H |
| | 13968 | -60.96 | -13 | -47.96 | -70.48 | 3.92 | 13.44 | H |
| | 6984 | -48.63 | -13 | -35.63 | -58.84 | 3.03 | 13.24 | V |
| | 10476 | -43.46 | -13 | -30.46 | -52.91 | 3.56 | 13.01 | V |
| | 13968 | -54.83 | -13 | -41.83 | -64.35 | 3.92 | 13.44 | V |

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