

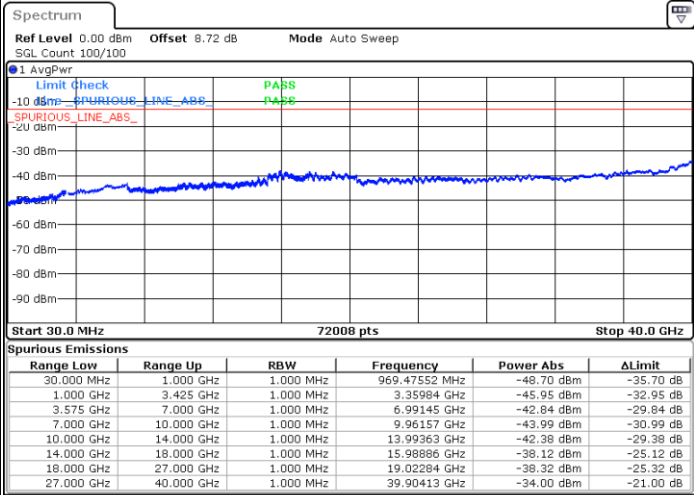
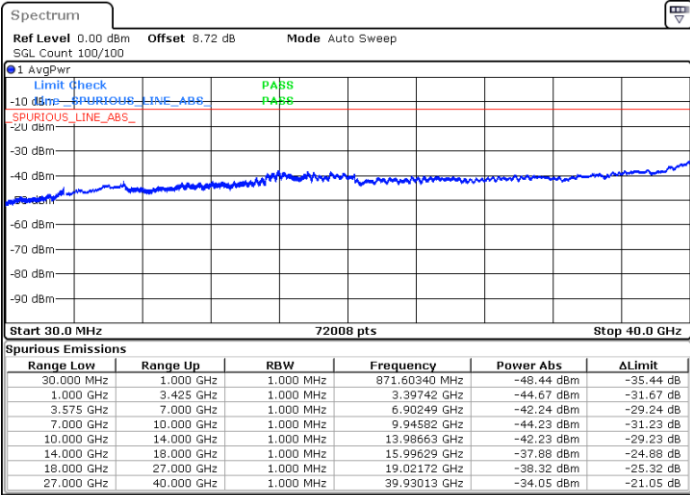


LTE Band 42/ 10MHz

QPSK / 1RB0

Lowest Channel

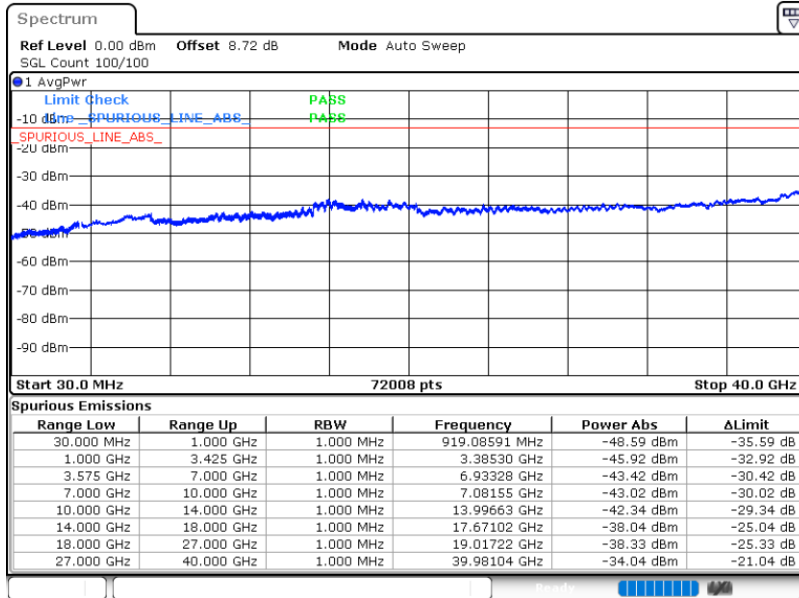
Middle Channel



Date: 21.JUL.2024 22:14:26

Date: 21.JUL.2024 22:23:13

Highest Channel



Date: 21.JUL.2024 22:26:03

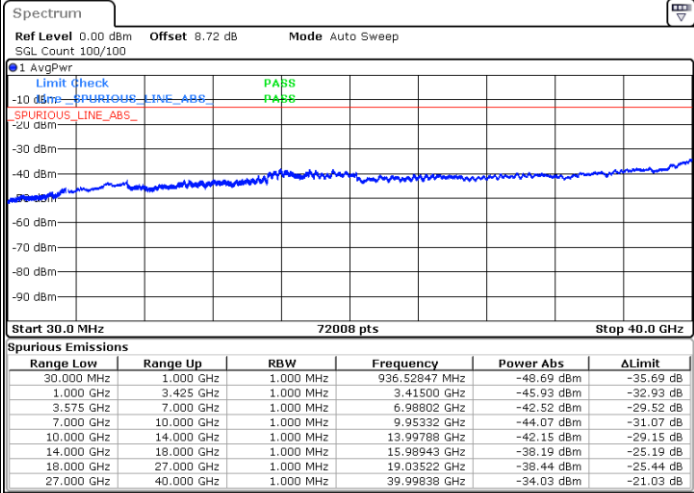
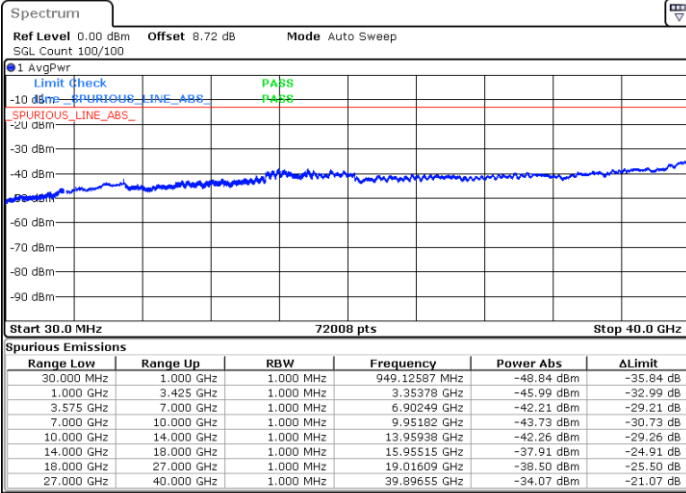


LTE Band 42/ 15MHz

QPSK / 1RB0

Lowest Channel

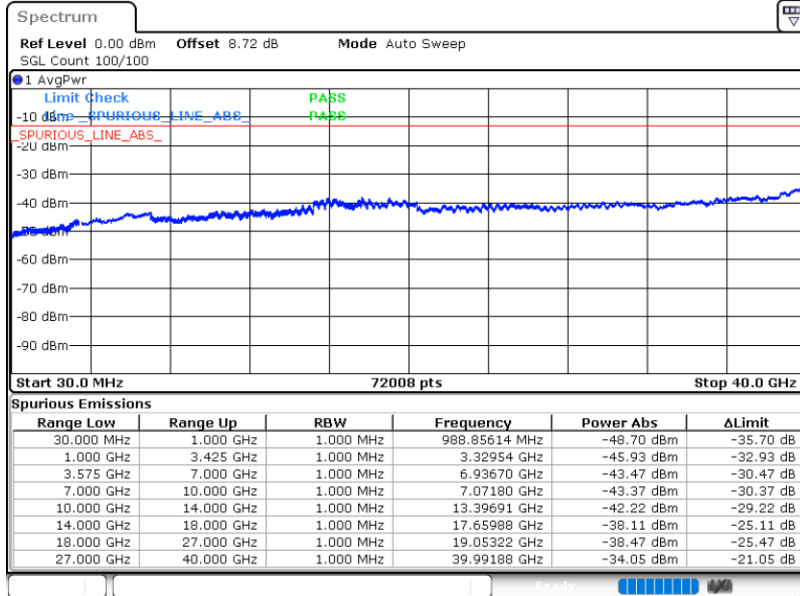
Middle Channel



Date: 21.JUL.2024 22:37:32

Date: 21.JUL.2024 22:46:20

Highest Channel



Date: 21.JUL.2024 22:49:09

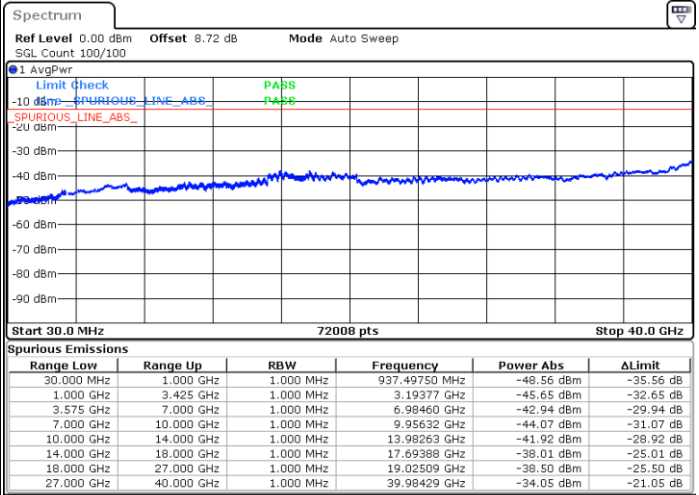
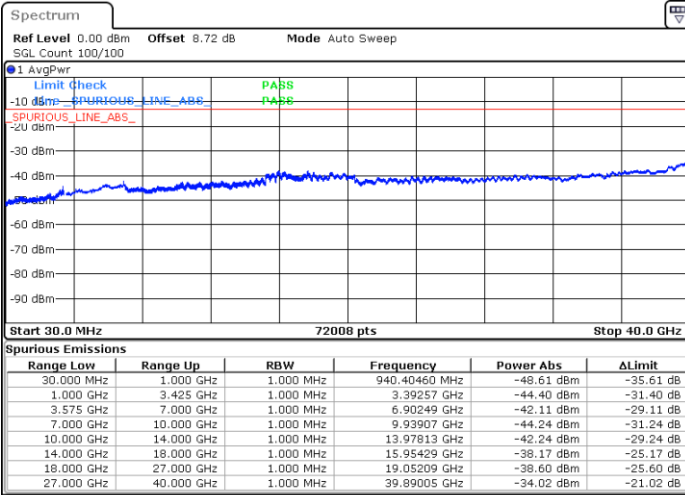


LTE Band 42/ 20MHz

QPSK / 1RB0

Lowest Channel

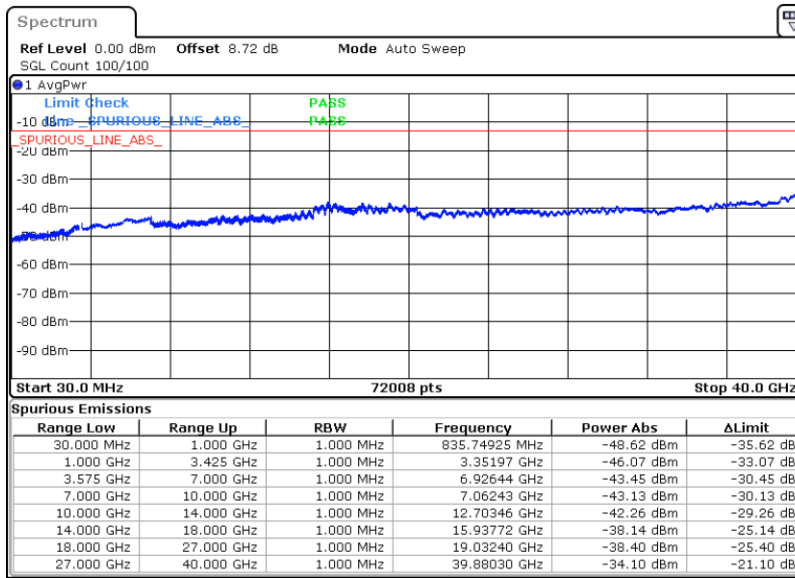
Middle Channel



Date: 21.JUL.2024 22:58:55

Date: 21.JUL.2024 23:07:42

Highest Channel



Date: 21.JUL.2024 23:09:12



### 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	0.0032	PASS
40	Normal Voltage	0.0017	
30	Normal Voltage	0.0019	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0033	
0	Normal Voltage	0.0026	
-10	Normal Voltage	0.0017	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0032	
20	Maximum Voltage	0.0019	
20	Normal Voltage	0.0027	
20	Battery End Point	0.0014	

**Note:**

1. Normal Voltage =3.91V ; Battery End Point (BEP) =3.6V ; Maximum Voltage =4.3V
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

## Appendix B. Test Results of Radiated Test

### Radiated Spurious Emission

Test Engineer :	Bruce	Temperature :	23~25°C
		Relative Humidity :	41~42%

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. 3								
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	-55.93	-13	-42.93	-66.14	3.03	13.24	H
	10476	-46.12	-13	-33.12	-55.57	3.56	13.01	H
	13968	-55.14	-13	-42.14	-64.66	3.92	13.44	H
	6984	-61.38	-13	-48.38	-71.59	3.03	13.24	V
	10476	-52.17	-13	-39.17	-61.62	3.56	13.01	V
	13968	-59.63	-13	-46.63	-69.15	3.92	13.44	V

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