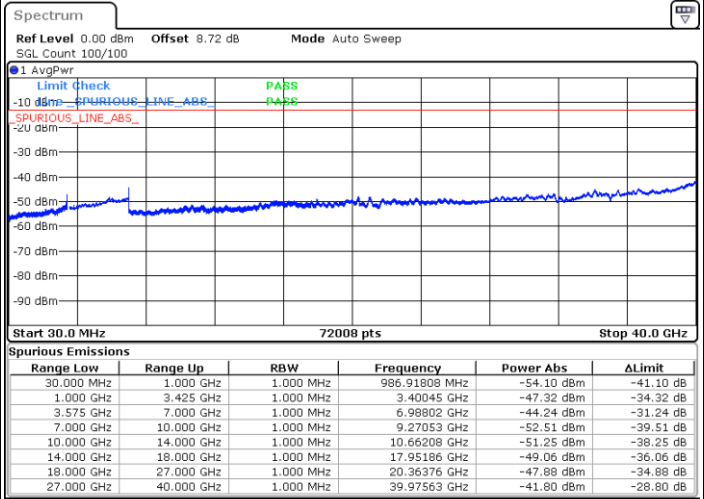
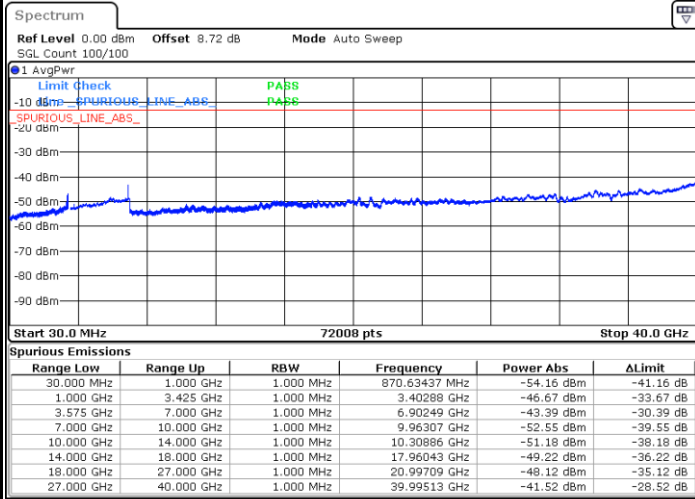




LTE Band 42 / 15MHz

Lowest Channel / QPSK

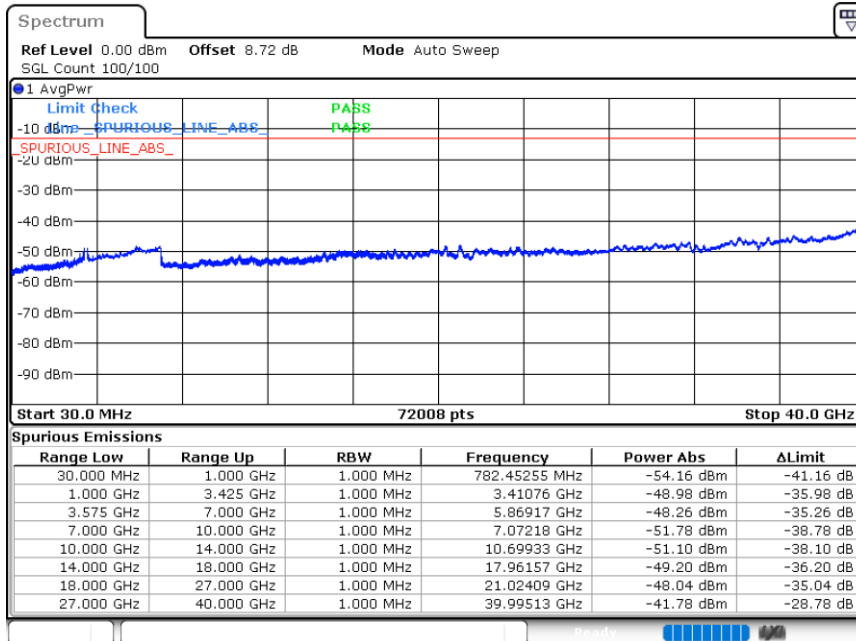
Middle Channel / QPSK



Date: 12.JUL.2022 16:13:15

Date: 12.JUL.2022 16:14:55

Highest Channel / QPSK



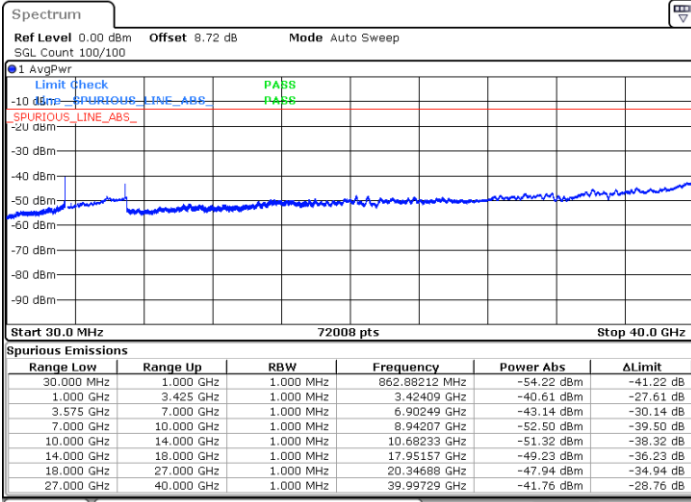
Date: 12.JUL.2022 16:16:37



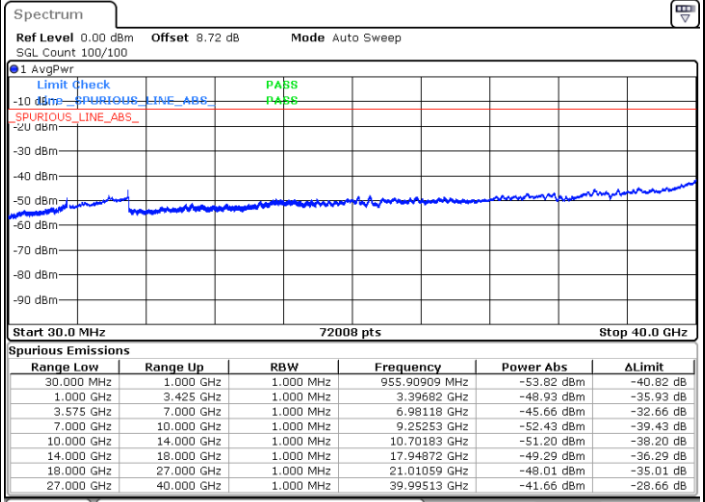
LTE Band 42 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

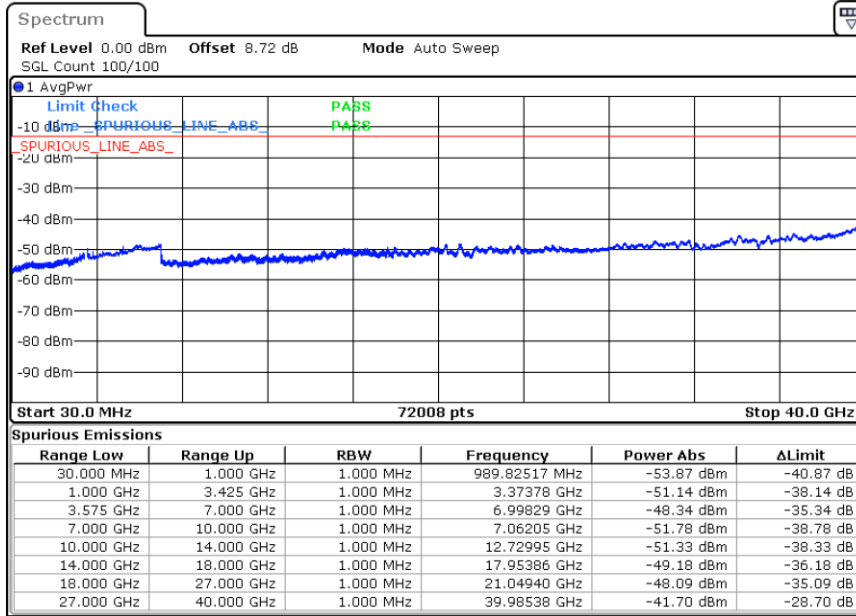


Date: 12.JUL.2022 16:18:18



Date: 12.JUL.2022 16:19:58

Highest Channel / QPSK



Date: 12.JUL.2022 16:21:39

## 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	0.0035	PASS
40	Normal Voltage	0.0021	
30	Normal Voltage	0.0017	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0022	
0	Normal Voltage	0.0047	
-10	Normal Voltage	0.0009	
-20	Normal Voltage	0.0026	
-30	Normal Voltage	0.0012	
20	Maximum Voltage	0.0019	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0033	

**Note:**

1. Normal Voltage = 3.87 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 the different antenna combinations, we choose the worst antenna mode to perform final test.

LTE Band 42 / 20MHz / QPSK / RB Size 1 Offset 0(Ant.6)								
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	-57.66	-13	-44.66	-64.96	3.56	13.01	H
	10476	-61.39	-13	-48.39	-68.76	3.92	13.44	H
	13962	-59.92	-13	-46.92	-66.81	4.39	13.43	H
	6984	-58.00	-13	-45.00	-65.30	3.56	13.01	V
	10476	-61.89	-13	-48.89	-69.26	3.92	13.44	V
	13962	-60.97	-13	-47.97	-67.86	4.39	13.43	V

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