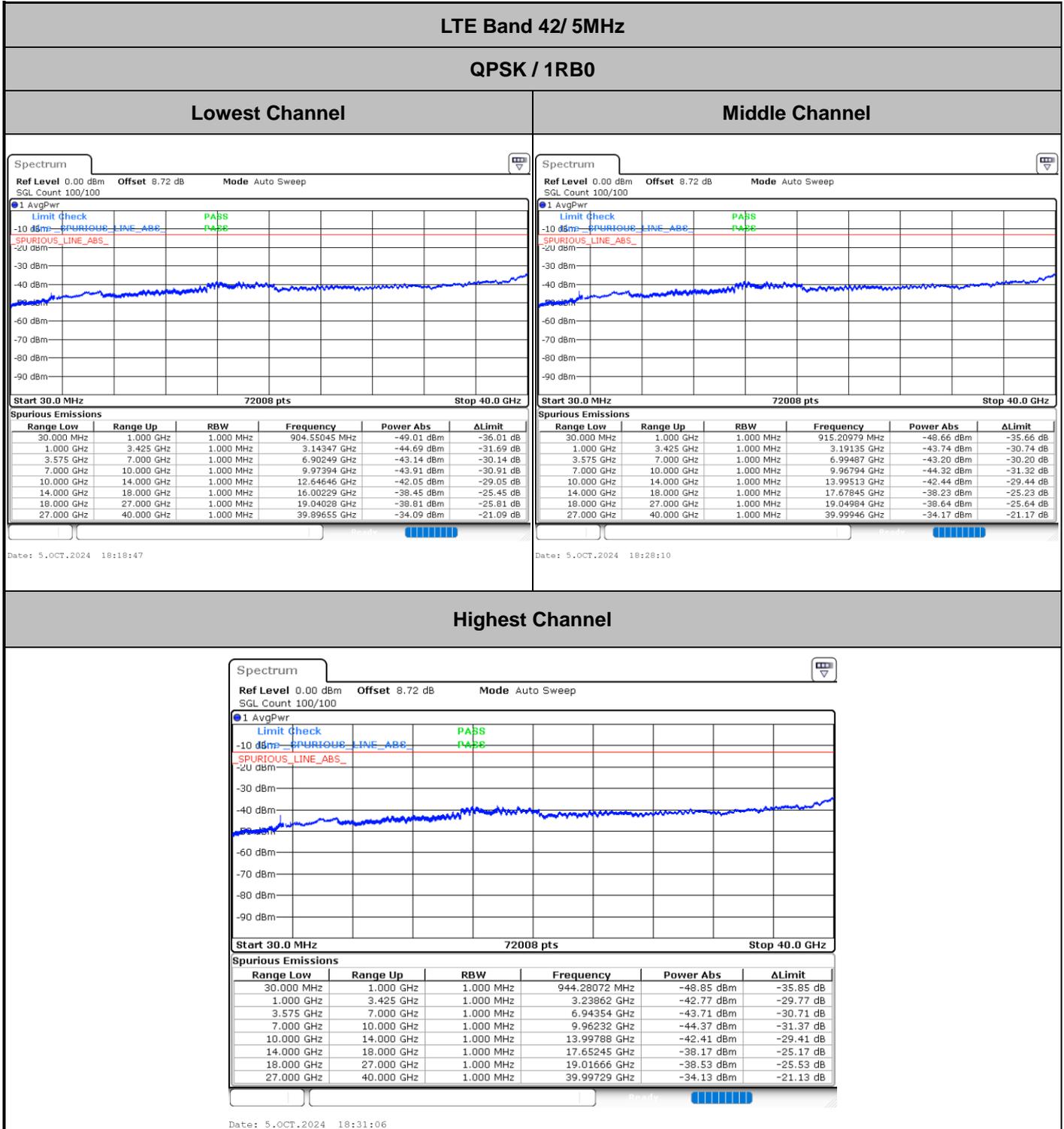


# Conducted Spurious Emission



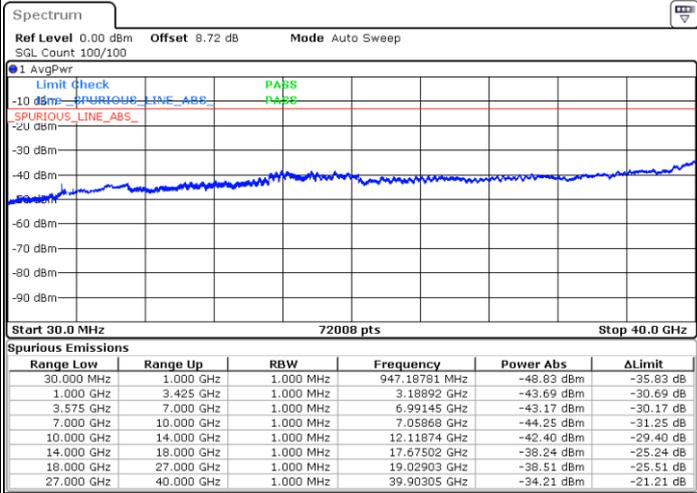
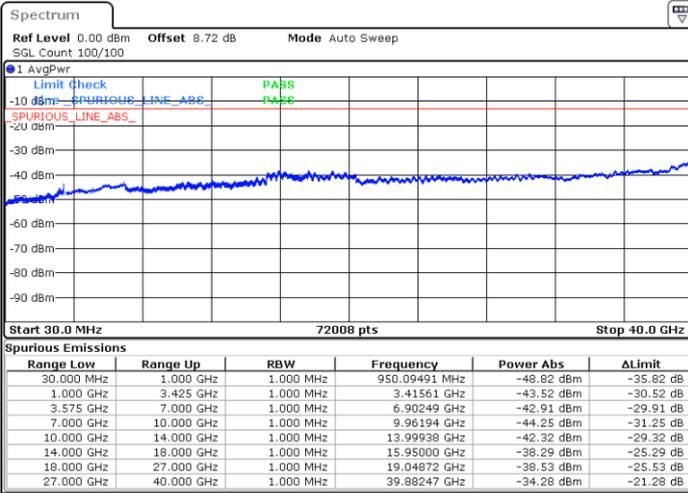


LTE Band 42/ 10MHz

QPSK / 1RB0

Lowest Channel

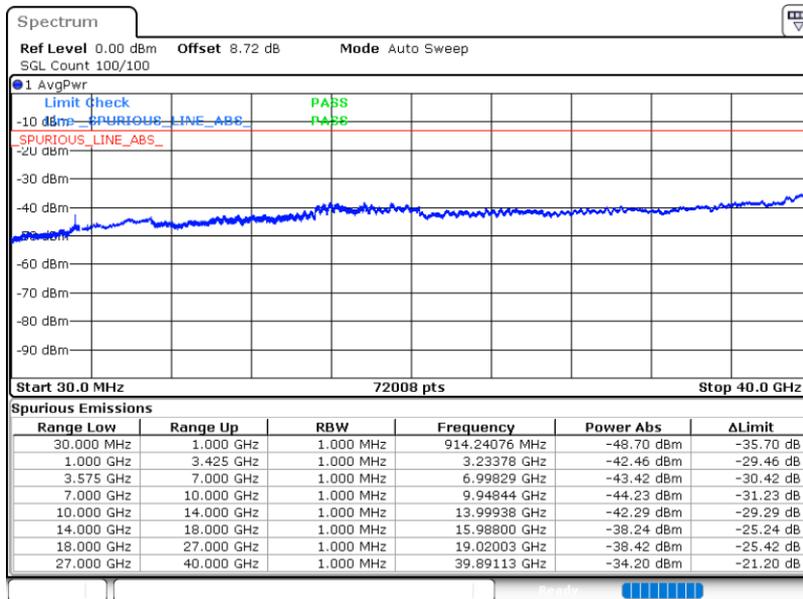
Middle Channel



Date: 5.OCT.2024 18:40:54

Date: 5.OCT.2024 18:49:47

Highest Channel



Date: 5.OCT.2024 18:52:42

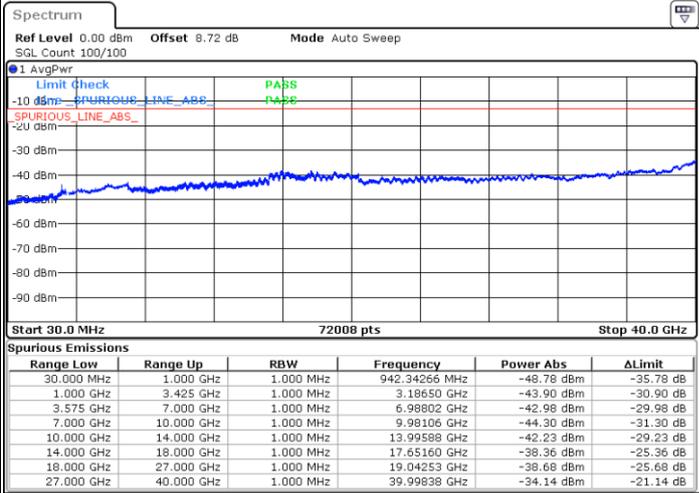
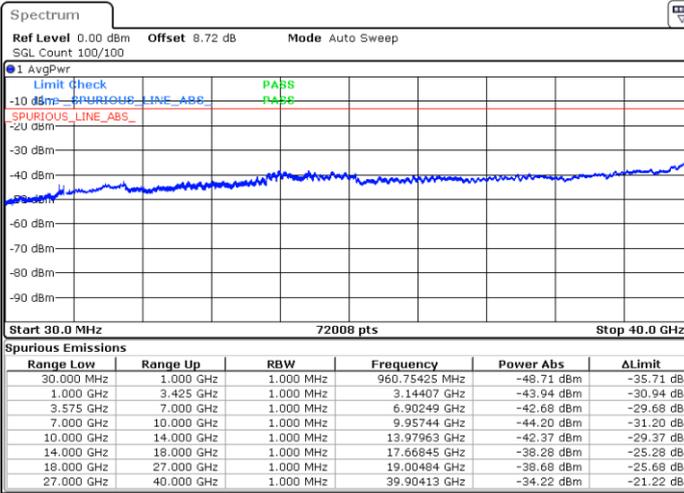


LTE Band 42/ 15MHz

QPSK / 1RB0

Lowest Channel

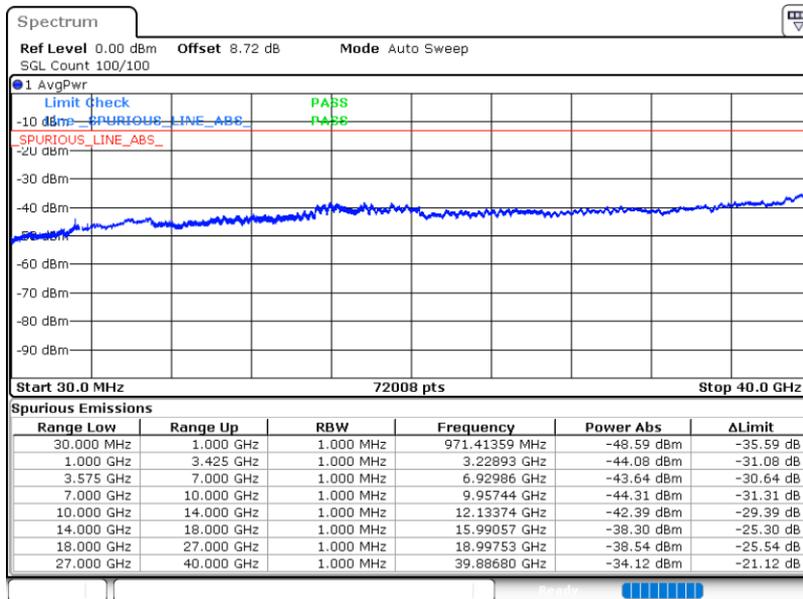
Middle Channel



Date: 5.OCT.2024 19:02:38

Date: 5.OCT.2024 19:11:30

Highest Channel



Date: 5.OCT.2024 19:14:26

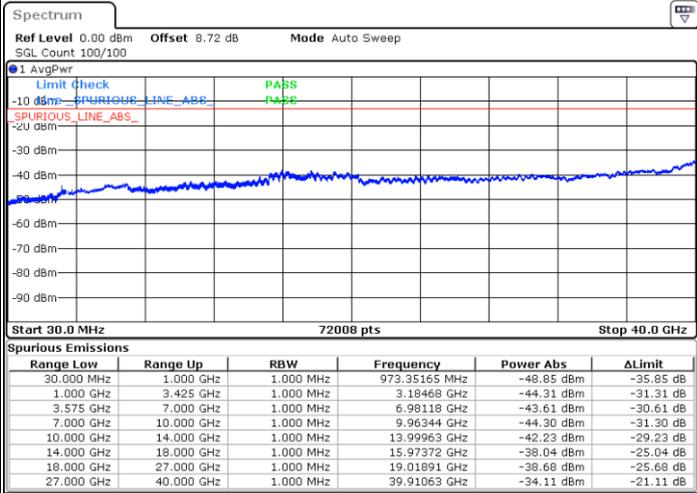
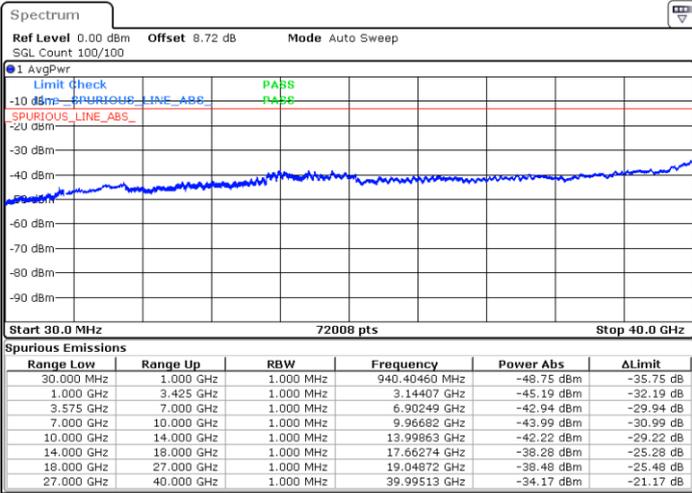


LTE Band 42/ 20MHz

QPSK / 1RB0

Lowest Channel

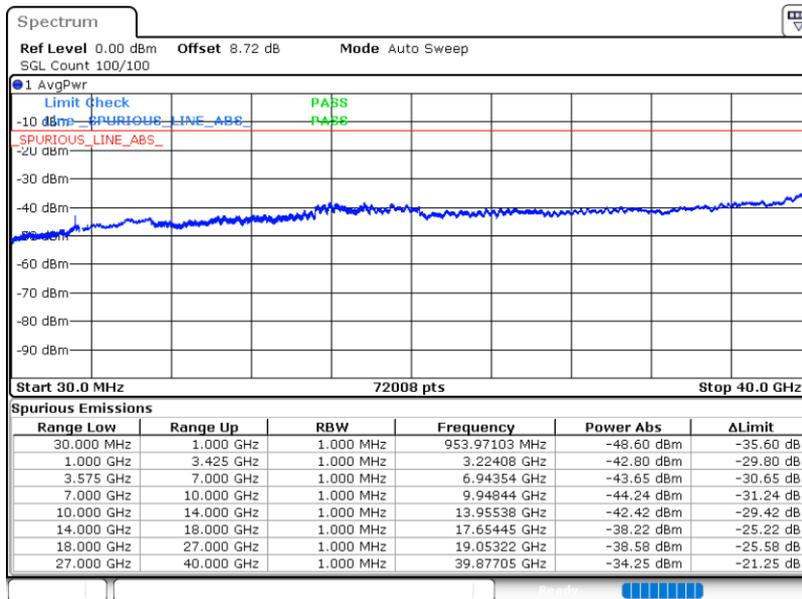
Middle Channel



Date: 5.OCT.2024 19:24:13

Date: 5.OCT.2024 19:33:06

Highest Channel



Date: 5.OCT.2024 19:34:41

## 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	0.0021	PASS
40	Normal Voltage	0.0012	
30	Normal Voltage	0.0016	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0011	
0	Normal Voltage	0.0008	
-10	Normal Voltage	0.0019	
-20	Normal Voltage	0.0023	
-30	Normal Voltage	0.0018	
20	Maximum Voltage	0.0019	
20	Normal Voltage	0.0005	
20	Battery End Point	0.0013	

**Note:**

1. Normal Voltage =3.77 ; Battery End Point (BEP) =3.5 ; Maximum Voltage =4.2
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. 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	-61.04	-13	-48.04	-71.25	3.03	13.24	H
	10473.27	-60.48	-13	-47.48	-69.93	3.56	13.01	H
	13964.36	-60.78	-13	-47.78	-70.30	3.92	13.44	H
	6984	-61.14	-13	-48.14	-71.35	3.03	13.24	V
	10473.27	-59.65	-13	-46.65	-69.10	3.56	13.01	V
	13964.36	-59.79	-13	-46.79	-69.31	3.92	13.44	V