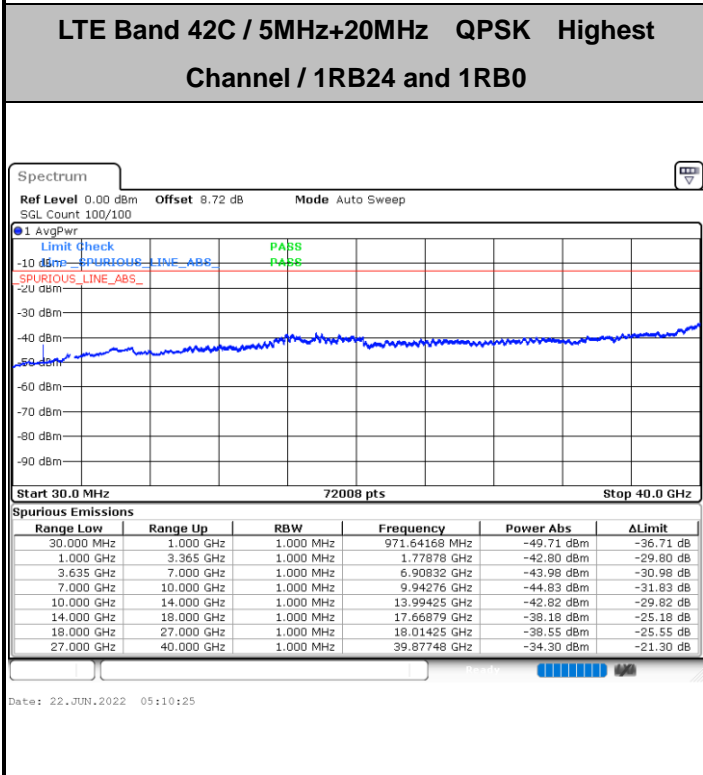
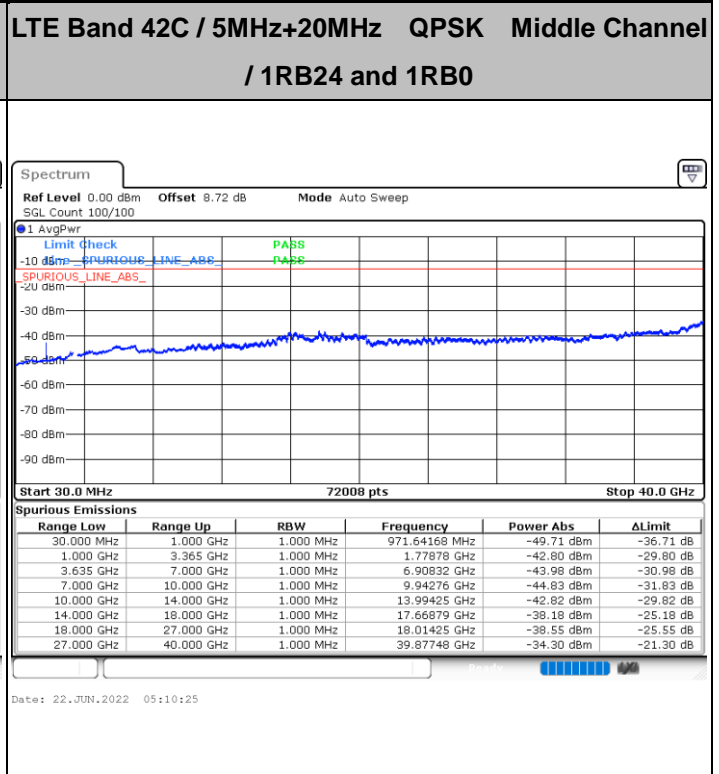
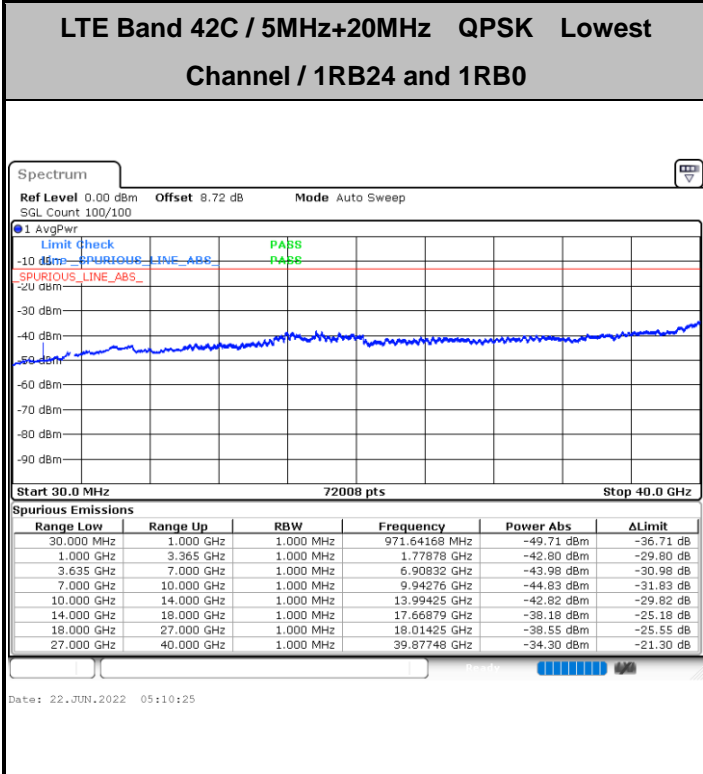
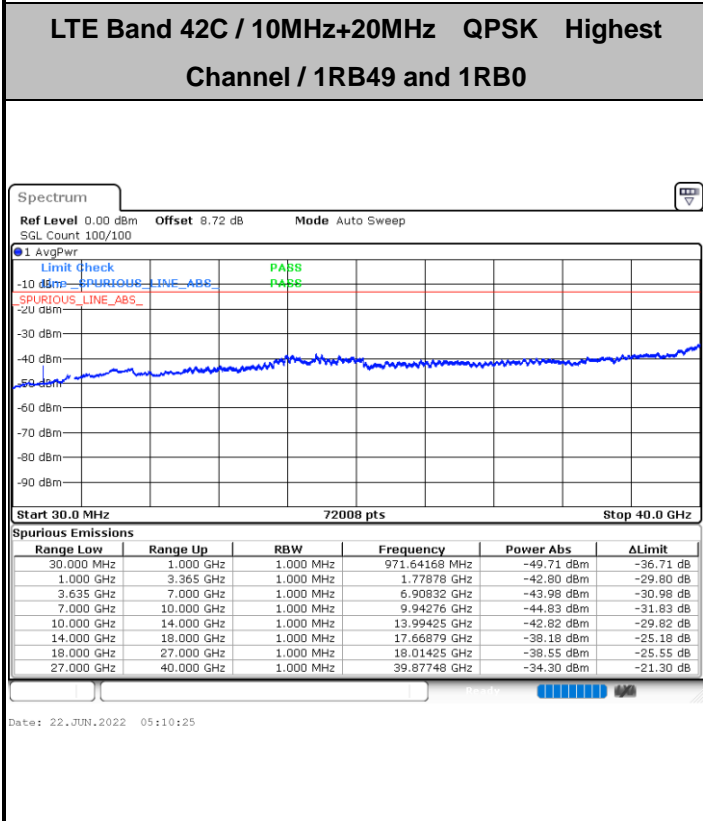
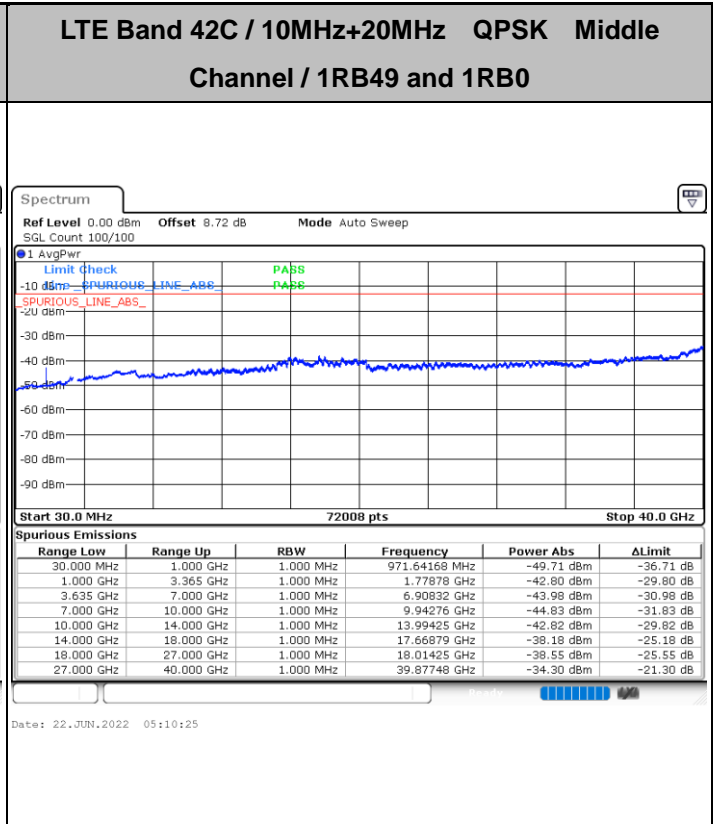
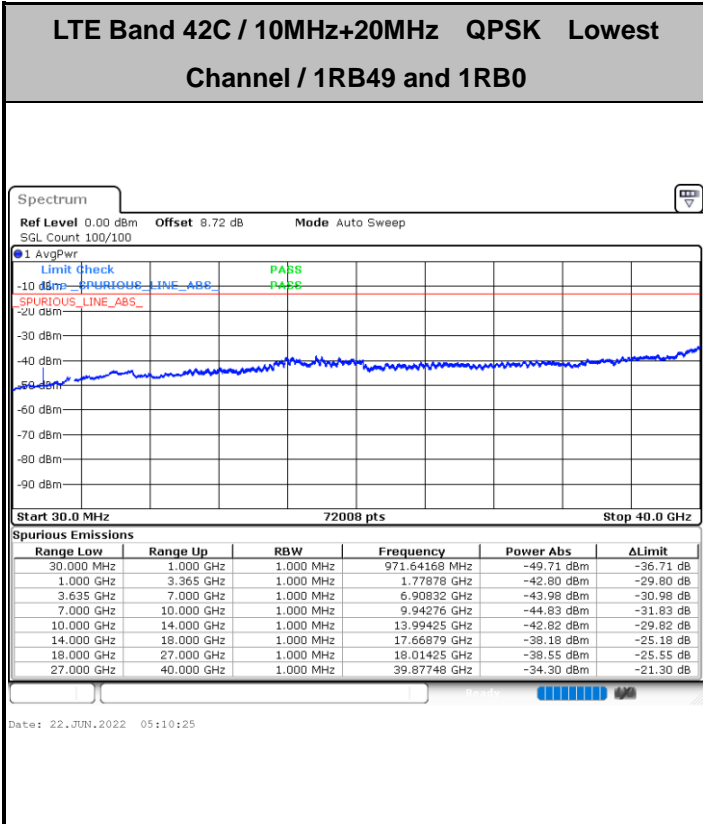
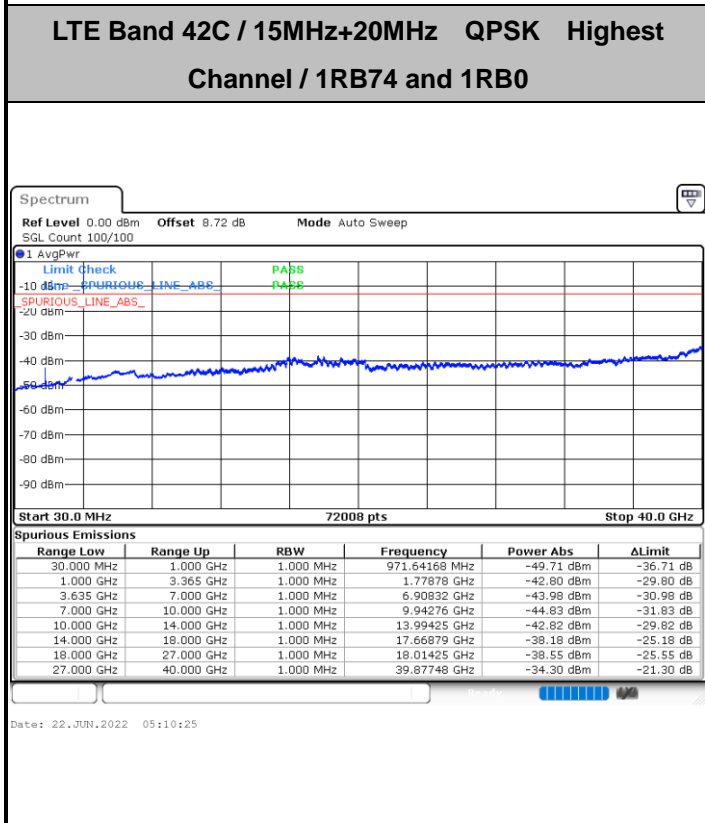
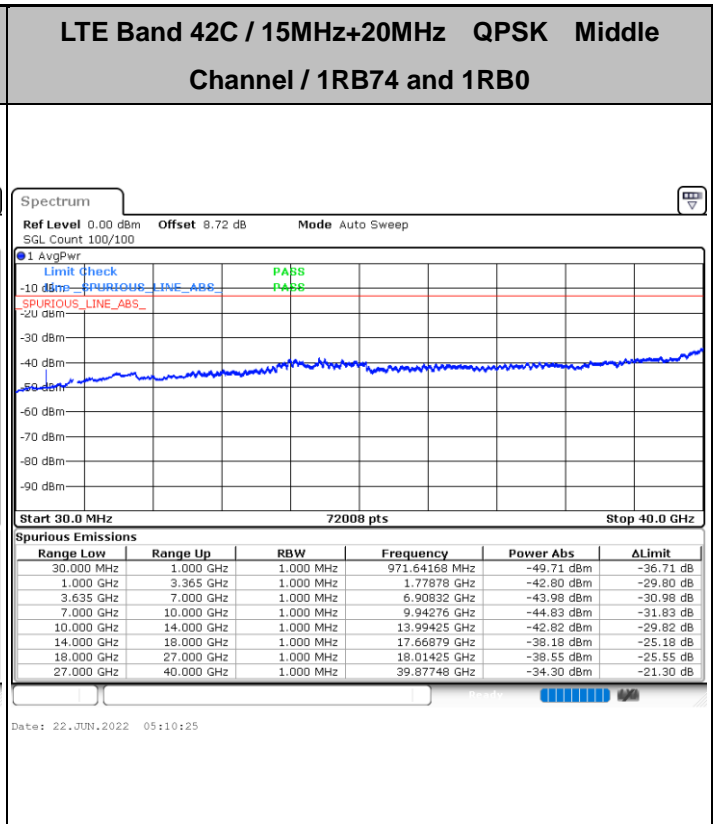
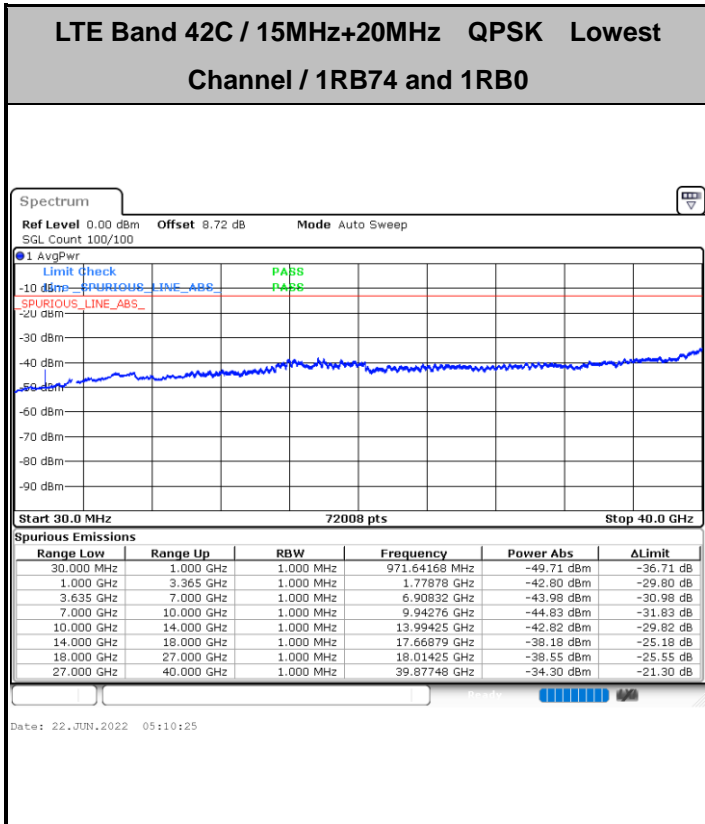


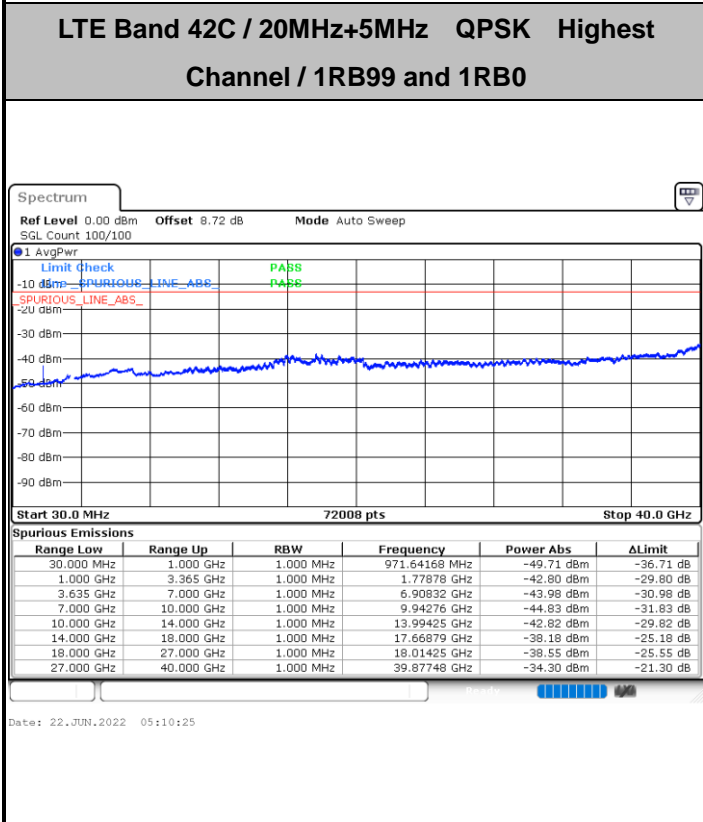
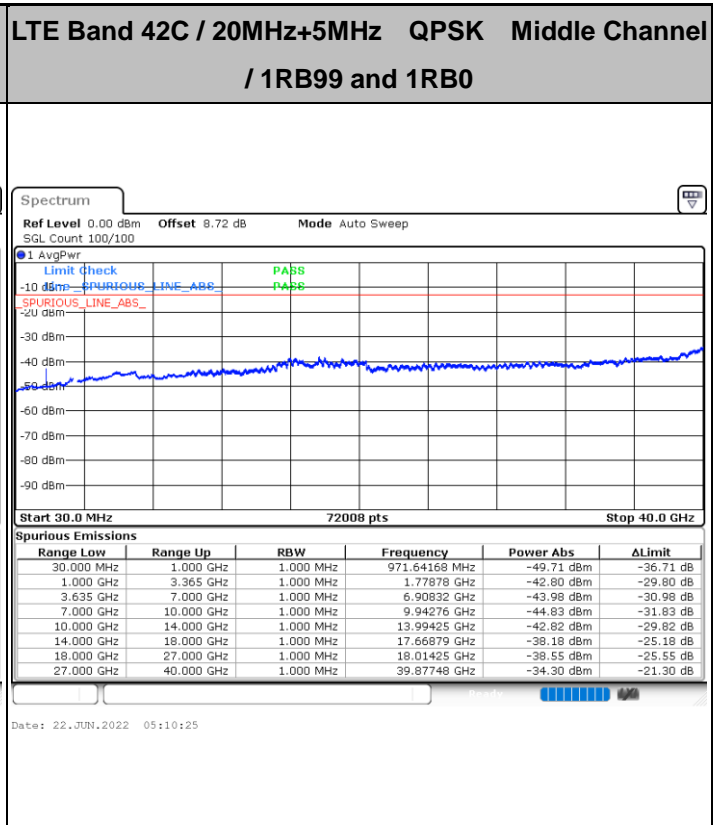
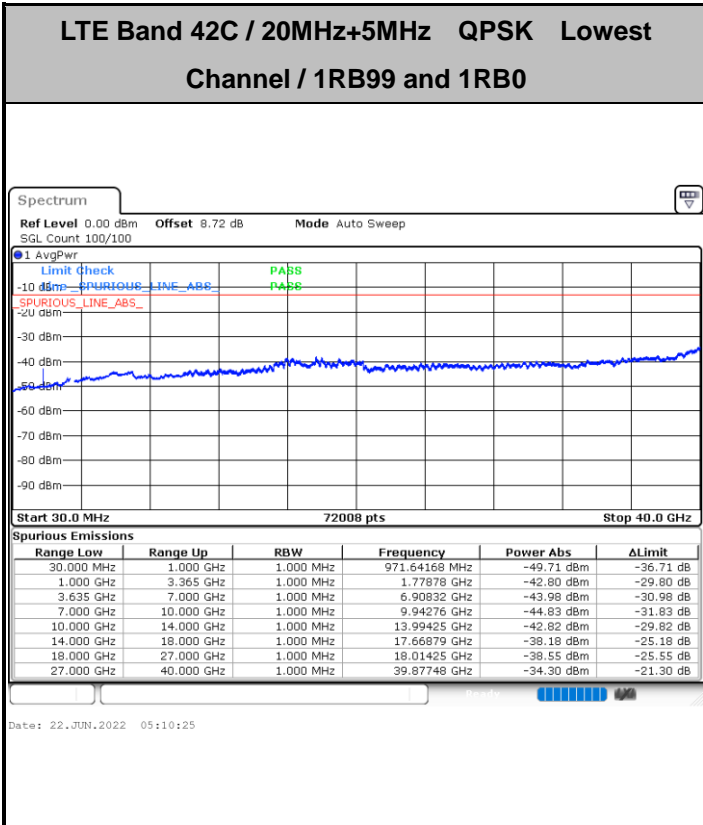


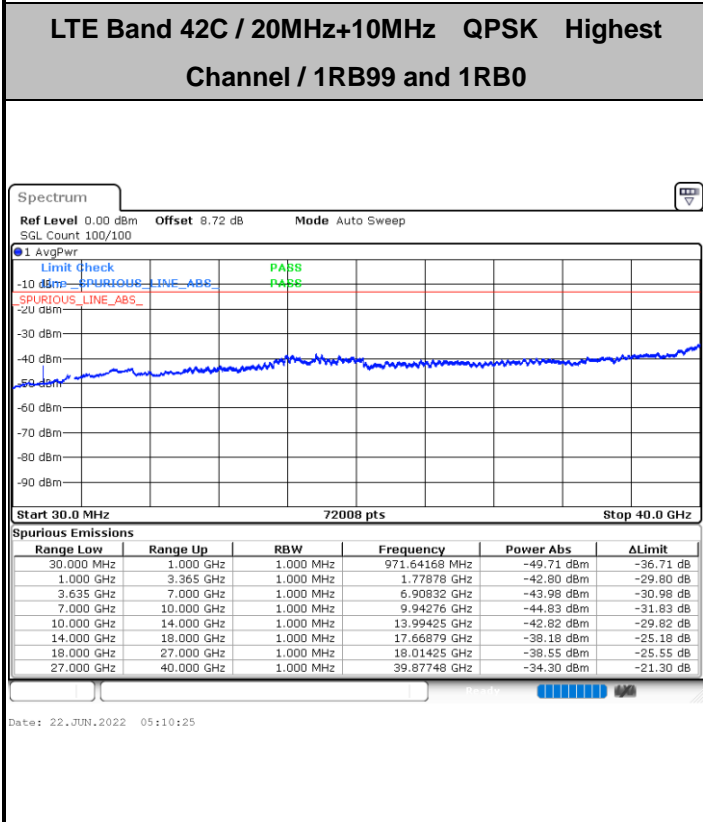
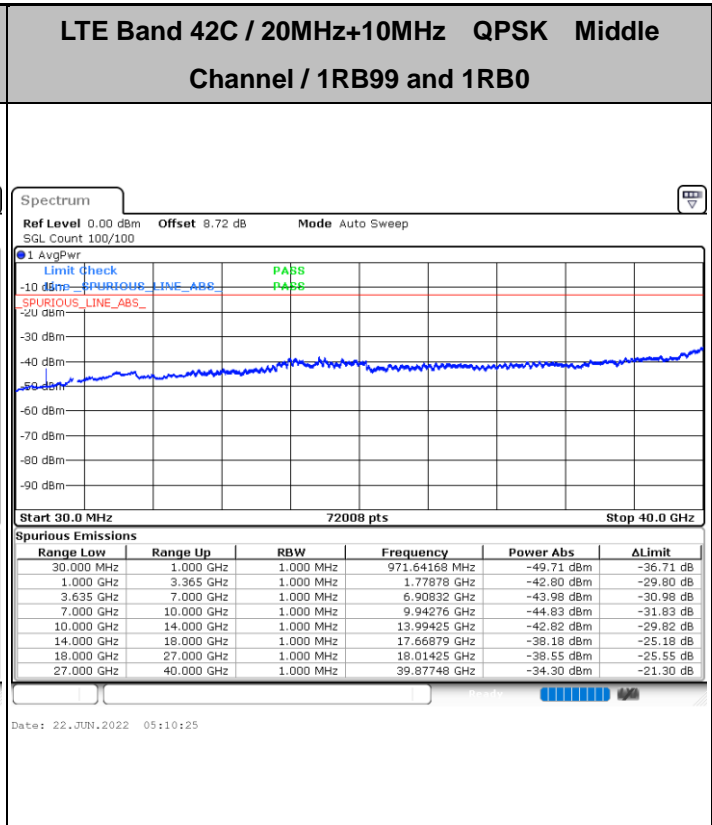
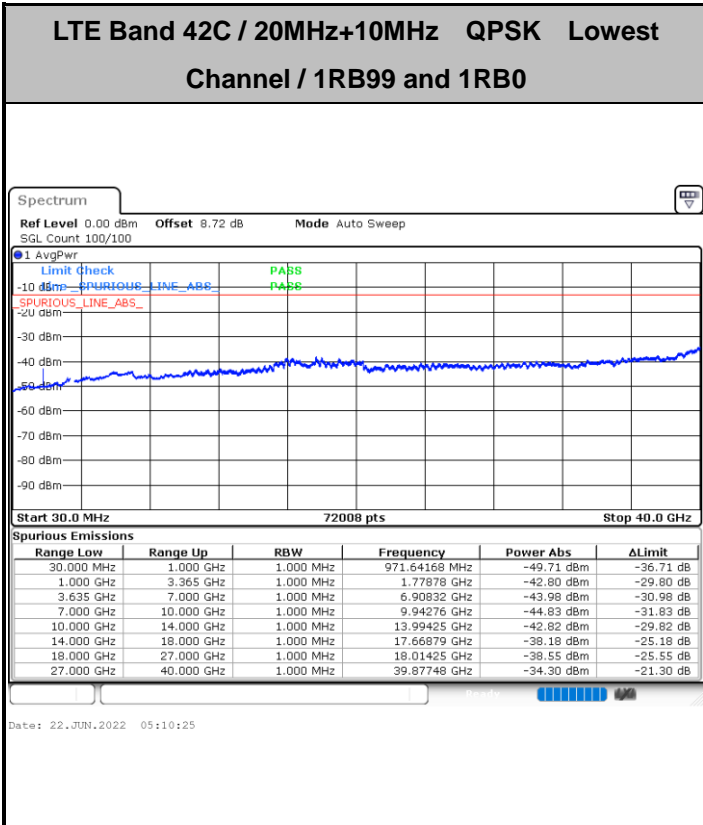
# Conducted Spurious Emission

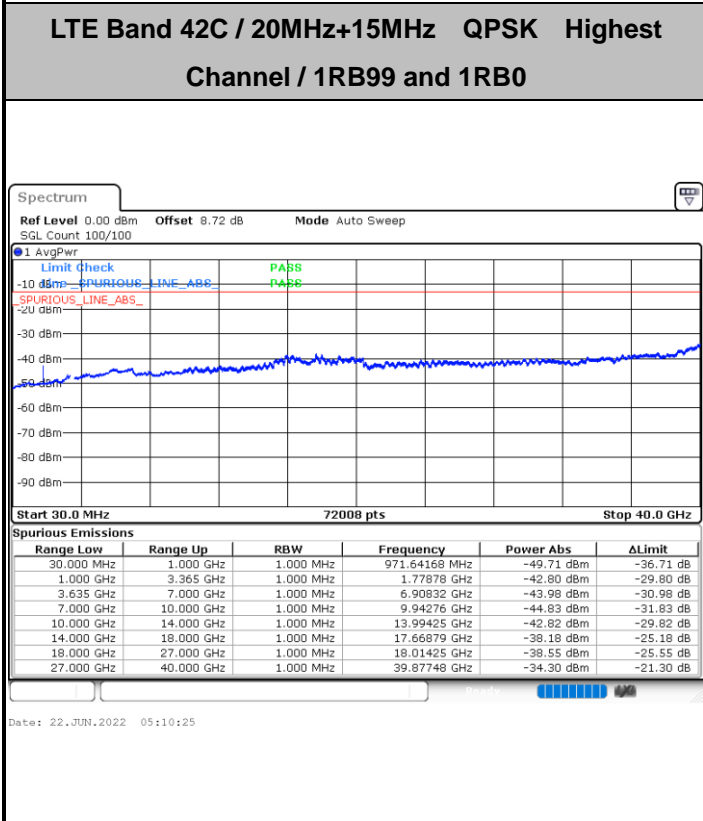
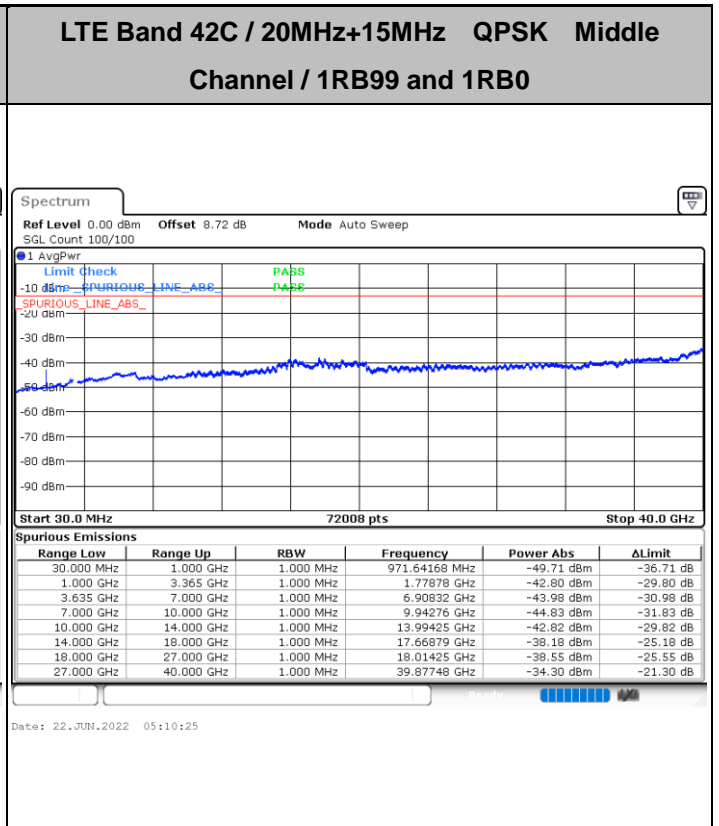
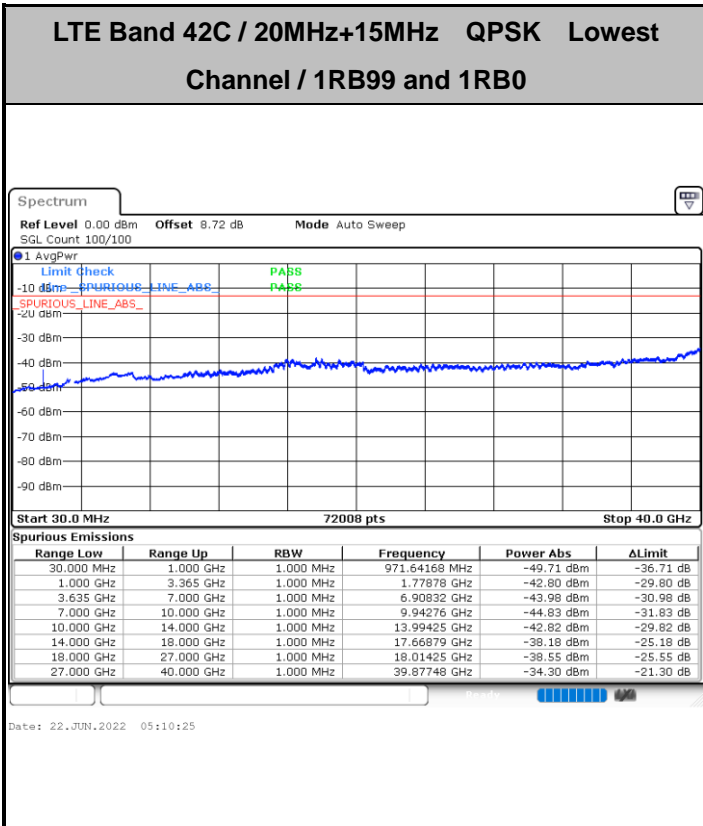


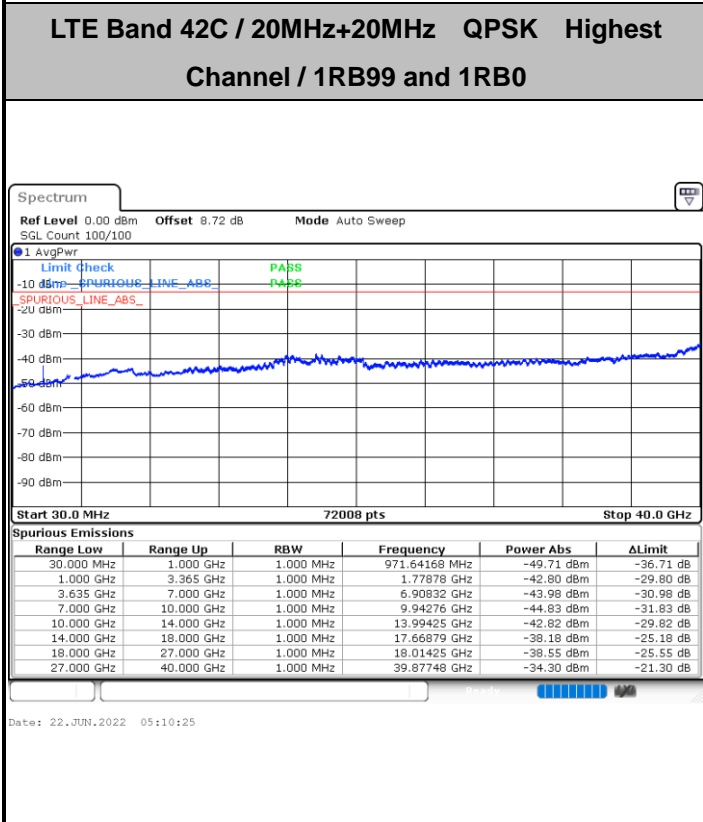
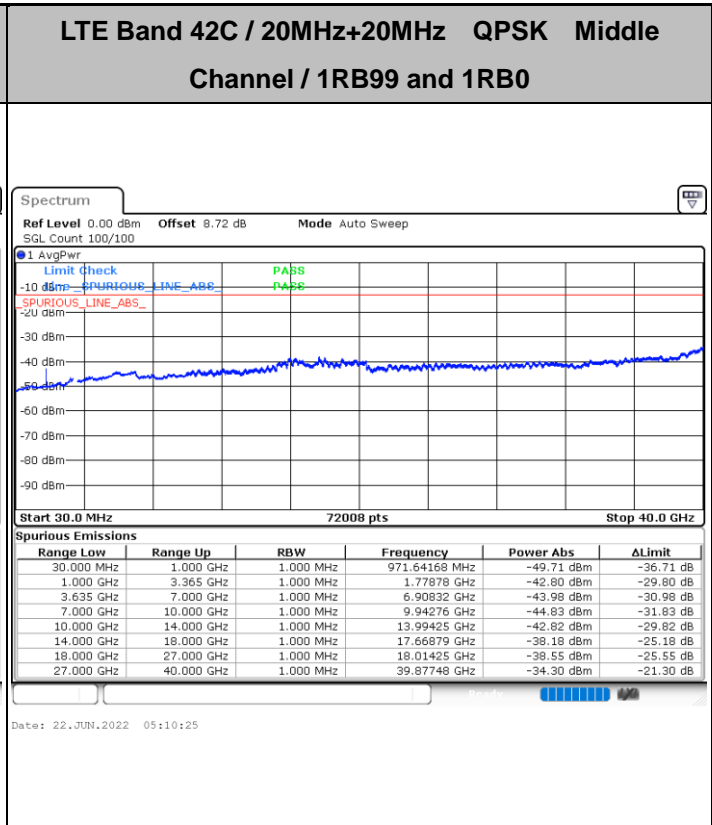
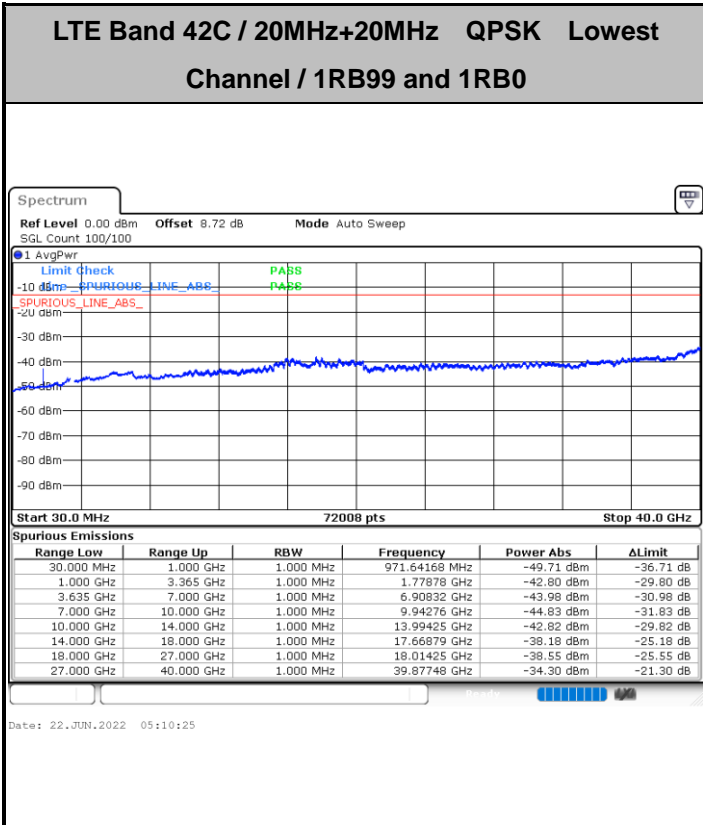












## Frequency Stability

Test Conditions		LTE Band 42C (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20+20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0017	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0013	
-10	Normal Voltage	0.0012	
-20	Normal Voltage	0.0011	
-30	Normal Voltage	0.0018	
20	Maximum Voltage	0.0026	
20	Normal Voltage	0.0016	
20	Battery End Point	0.0001	

**Note:**

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.55 V. ; Maximum Voltage =4.45 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 :	Chris Chen	Temperature :	23~25°C
		Relative Humidity :	41~42%

LTE Band 42 / 20MHz / QPSK								
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)
Lowest	6900	-62.83	-13	-49.83	-73.04	3.03	13.24	H
	10356	-59.98	-13	-46.98	-69.43	3.56	13.01	H
	13806	-59.62	-13	-46.62	-69.14	3.92	13.44	H
	6900	-62.28	-13	-49.28	-72.49	3.03	13.24	V
	10356	-60.44	-13	-47.44	-69.89	3.56	13.01	V
	13806	-59.73	-13	-46.73	-69.25	3.92	13.44	V
Middle	6984	-48.89	-13	-35.89	-59.10	3.03	13.24	H
	10476	-54.24	-13	-41.24	-63.69	3.56	13.01	H
	13962	-59.24	-13	-46.24	-68.76	3.92	13.44	H
	6984	-54.68	-13	-41.68	-64.89	3.03	13.24	V
	10476	-59.02	-13	-46.02	-68.47	3.56	13.01	V
	13962	-59.21	-13	-46.21	-68.73	3.92	13.44	V
Highest	7062	-61.89	-13	-48.89	-72.10	3.03	13.24	H
	10596	-59.47	-13	-46.47	-68.92	3.56	13.01	H
	14124	-59.82	-13	-46.82	-69.34	3.92	13.44	H
	7062	-62.49	-13	-49.49	-72.70	3.03	13.24	V
	10596	-59.80	-13	-46.80	-69.25	3.56	13.01	V
	14124	-59.93	-13	-46.93	-69.45	3.92	13.44	V

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



LTE Band 42C_CA / 20MHz+20MHz / QPSK								
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)
Lowest	6936	-62.20	-13	-49.20	-72.41	3.03	13.24	H
	10404	-60.17	-13	-47.17	-69.62	3.56	13.01	H
	13878	-59.96	-13	-46.96	-69.48	3.92	13.44	H
	6936	-62.42	-13	-49.42	-72.63	3.03	13.24	V
	10404	-60.25	-13	-47.25	-69.70	3.56	13.01	V
	13878	-60.22	-13	-47.22	-69.74	3.92	13.44	V
Middle	7020	-62.09	-13	-49.09	-72.30	3.03	13.24	H
	10524	-59.87	-13	-46.87	-69.32	3.56	13.01	H
	14034	-59.53	-13	-46.53	-69.05	3.92	13.44	H
	7020	-62.44	-13	-49.44	-72.65	3.03	13.24	V
	10524	-60.21	-13	-47.21	-69.66	3.56	13.01	V
	14034	-59.73	-13	-46.73	-69.25	3.92	13.44	V
Highest	7098	-62.65	-13	-49.65	-72.86	3.03	13.24	H
	10644	-60.44	-13	-47.44	-69.89	3.56	13.01	H
	14196	-58.81	-13	-45.81	-68.33	3.92	13.44	H
	7098	-62.39	-13	-49.39	-72.60	3.03	13.24	V
	10644	-60.63	-13	-47.63	-70.08	3.56	13.01	V
	14196	-58.80	-13	-45.80	-68.32	3.92	13.44	V

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