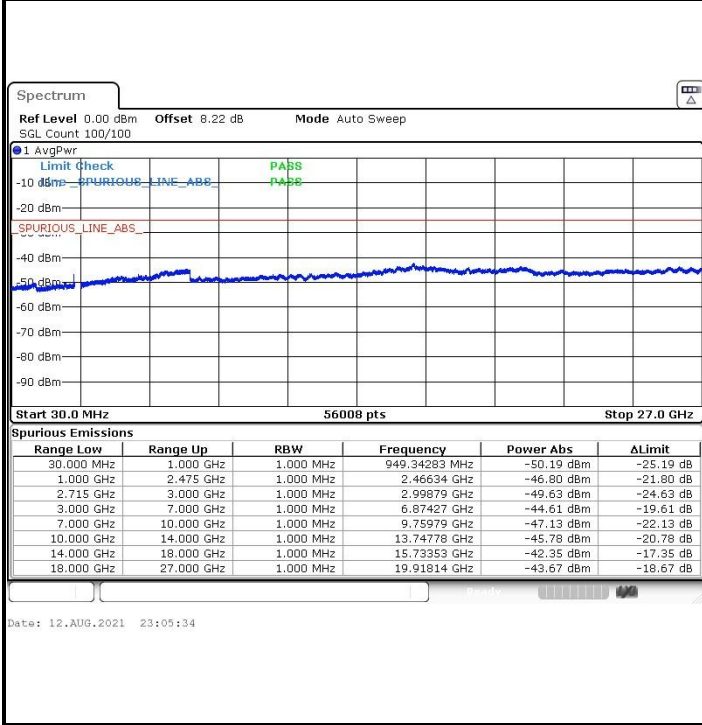


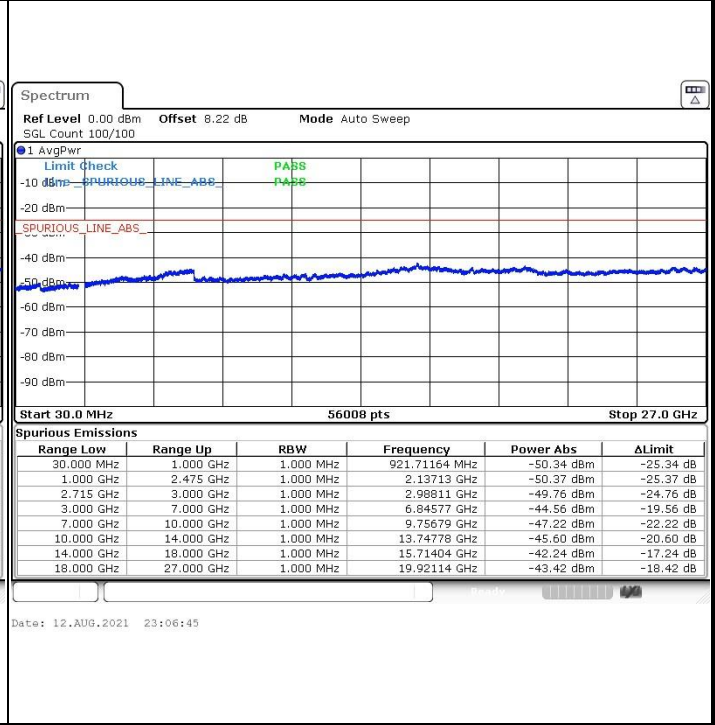


**LTE Band 41 / 20MHz**

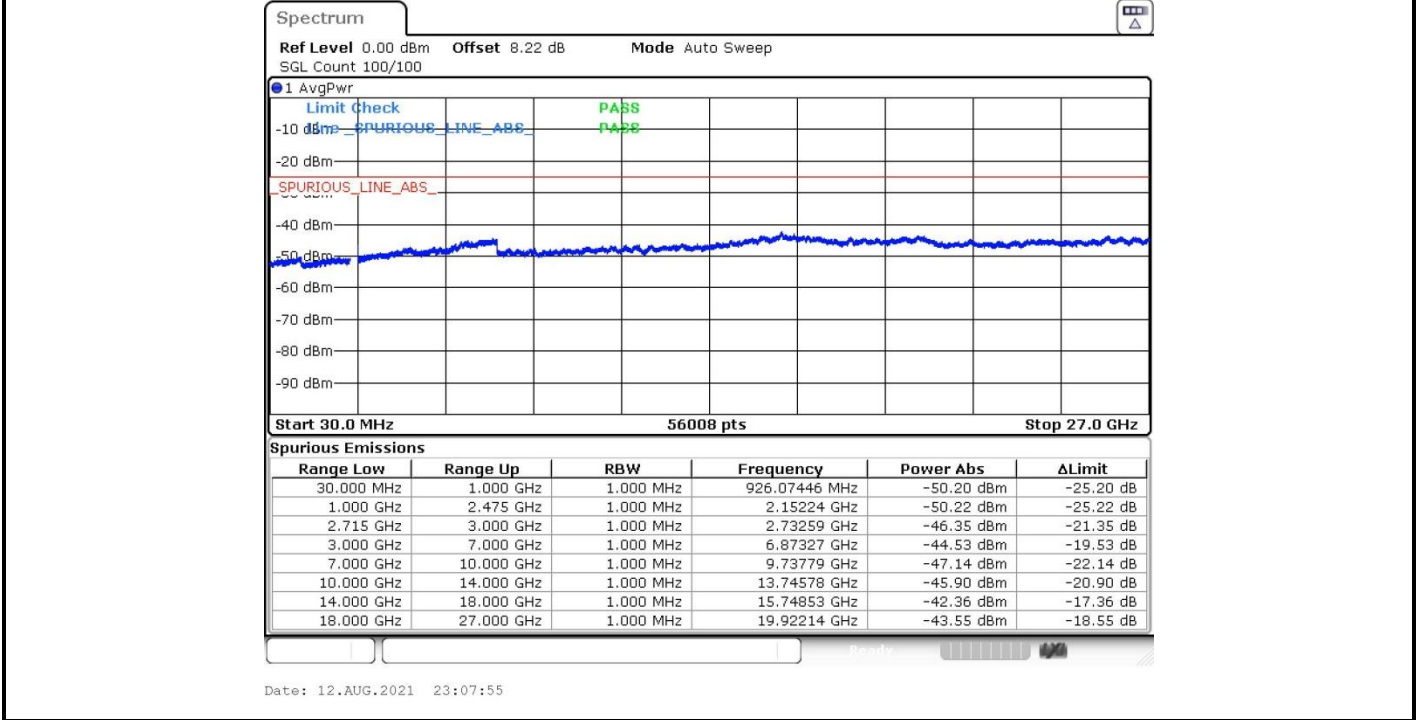
**Lowest Channel / QPSK**



**Middle Channel / QPSK**



**Highest Channel / QPSK**





### Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0064	PASS
40	Normal Voltage	0.0042	
30	Normal Voltage	0.0006	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0011	
0	Normal Voltage	0.0010	
-10	Normal Voltage	0.0015	
-20	Normal Voltage	0.0041	
-30	Normal Voltage	0.0052	
20	Maximum Voltage	0.0010	
20	Normal Voltage	0.0011	
20	Battery End Point	0.0010	

**Note:**

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



### Appendix B. Test Results of Radiated Test

#### Radiated Spurious Emission

LTE Band 26 / 15MHz / 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)
Middle	1660	-62.70	-13	-49.70	-69.67	1.58	10.70	H
	2490	-60.40	-13	-47.40	-68.65	2.10	12.50	H
	3318	-60.03	-13	-47.03	-68.92	2.86	13.90	H
	4152	-60.51	-13	-47.51	-68.97	2.689	13.30	H
	4980	-52.06	-13	-39.06	-59.82	3.093	13.00	H
	5808	-56.72	-13	-43.72	-65.49	3.178	14.10	H
	6636	-56.31	-13	-43.31	-63.55	3.306	12.70	H
	7470	-54.94	-13	-41.94	-62.53	3.406	13.15	H
	8298	-51.27	-13	-38.27	-59.36	3.506	13.75	H
	1660	-63.51	-13	-50.51	-70.48	1.58	10.70	V
	2490	-58.47	-13	-45.47	-66.72	2.10	12.50	V
	3318	-60.08	-13	-47.08	-68.97	2.86	13.90	V
	4152	-61.05	-13	-48.05	-69.51	2.69	13.30	V
	4980	-53.89	-13	-40.89	-61.65	3.09	13.00	V
	5808	-56.07	-13	-43.07	-64.84	3.18	14.10	V
	6636	-56.41	-13	-43.41	-63.65	3.31	12.70	V
7470	-54.68	-13	-41.68	-62.27	3.41	13.15	V	
8298	-51.50	-13	-38.50	-59.59	3.51	13.75	V	

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

LTE Band 41 / 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)
Middle	5168	-50.65	-25	-25.65	-60.86	3.03	13.24	H
	7752	-60.43	-25	-35.43	-69.88	3.56	13.01	H
	10340	-57.96	-25	-32.96	-67.48	3.92	13.44	H
	5168	-54.45	-25	-29.45	-64.66	3.03	13.24	V
	7752	-59.68	-25	-34.68	-69.13	3.56	13.01	V
	10340	-58.73	-25	-33.73	-68.25	3.92	13.44	V

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



## **Appendix D. Reference Report**

Please refer to Sporton report number FG161824B which is issued separately.