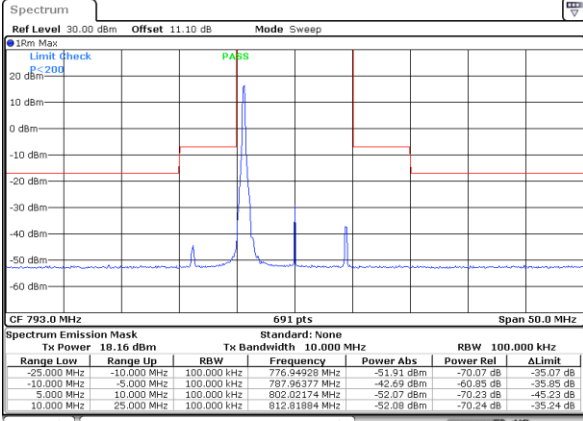


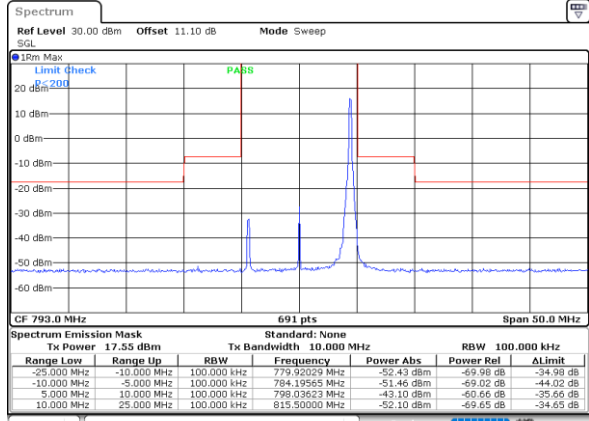


LTE Band 14 / 10MHz / 256QAM

Middle Channel / 1RB

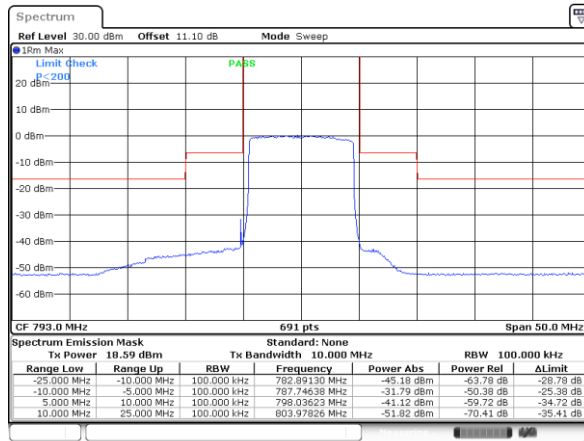


Date: 3.AUG.2022 19:15:25



Date: 3.AUG.2022 20:01:50

Middle Channel / Full RB



Date: 3.AUG.2022 20:04:32



Frequency Stability

Test Conditions		LTE Band 14 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0020	PASS
40	Normal Voltage	0.0004	
30	Normal Voltage	0.0008	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0020	
0	Normal Voltage	0.0001	
-10	Normal Voltage	0.0198	
-20	Normal Voltage	0.0202	
-30	Normal Voltage	0.0199	
20	Maximum Voltage	0.0033	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0127	

Note:

- 1. Normal Voltage = 3.8 V. ; Battery End Point (BEP) = 3.4 V. ; Maximum Voltage = 4.2 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

<Ant. 0>

LTE Band 14

LTE Band 14 / 5MHz / QPSK / 1RB0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1577	-59.42	-42.15	-17.27	-70.86	-65.42	0.80	8.95	H
	2365	-56.36	-13	-43.36	-71.07	-63.04	0.99	9.83	H
	3153	-53.92	-13	-40.92	-71.31	-62.08	1.10	11.41	H
									H
									H
									H
	1577	-58.74	-42.15	-16.59	-70.11	-64.74	0.80	8.95	V
	2365	-55.91	-13	-42.91	-70.79	-62.59	0.99	9.83	V
	3153	-53.15	-13	-40.15	-70.78	-61.31	1.10	11.41	V
									V
									V
									V
Middle	1582	-59.35	-42.15	-17.20	-70.82	-65.40	0.80	9.00	H
	2373	-53.10	-13	-40.10	-67.79	-59.82	0.99	9.87	H
	3163	-53.38	-13	-40.38	-70.82	-61.55	1.10	11.43	H
									H
									H
									H
	1582	-54.59	-42.15	-12.44	-65.97	-60.64	0.80	9.00	V
	2373	-53.00	-13	-40.00	-67.83	-59.72	0.99	9.87	V
	3163	-53.00	-13	-40.00	-70.69	-61.17	1.10	11.43	V
									V
									V
									V



LTE Band 14 / 5MHz / QPSK / 1RB0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	1587	-59.39	-42.15	-17.24	-70.87	-65.50	0.80	9.06	H
	2380	-49.55	-13	-36.55	-64.24	-56.30	1.00	9.90	H
	3173	-53.16	-13	-40.16	-70.65	-61.35	1.10	11.45	H
									H
									H
									H
									H
	1587	-58.59	-42.15	-16.44	-69.96	-64.70	0.80	9.06	V
	2380	-52.88	-13	-39.88	-67.69	-59.63	1.00	9.90	V
	3173	-53.29	-13	-40.29	-71.03	-61.48	1.10	11.45	V
									V
									V
									V
									V

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