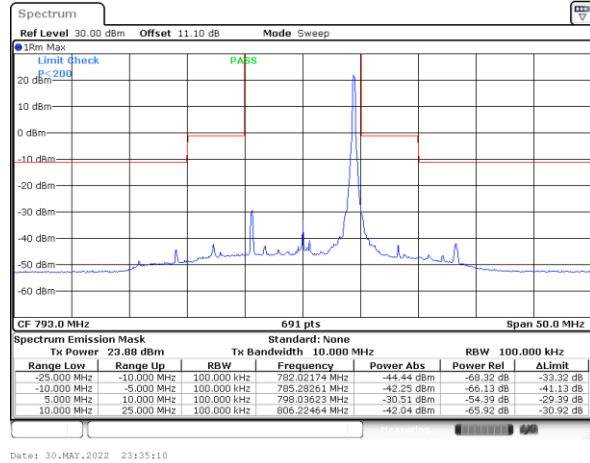
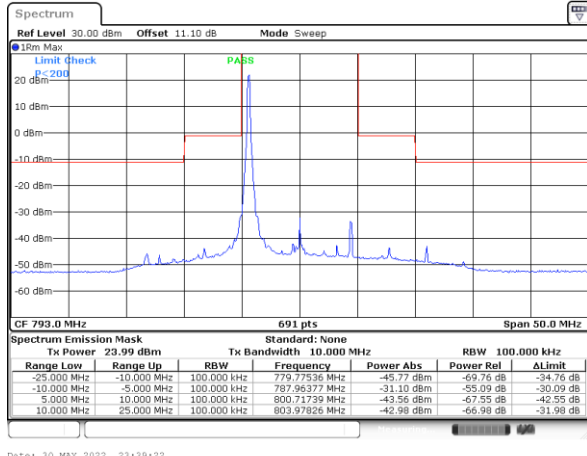
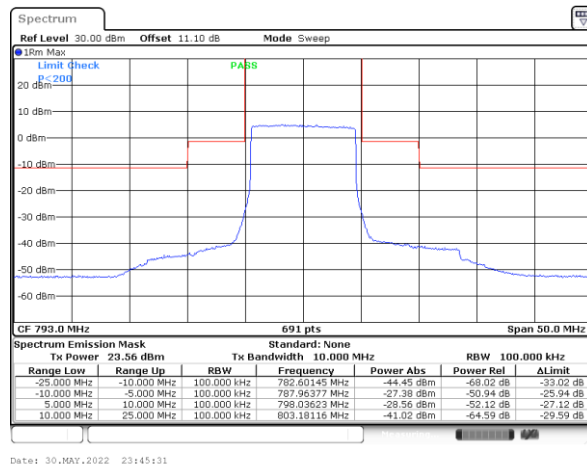


LTE Band 14 / 10MHz / QPSK

Middle Channel / 1RB

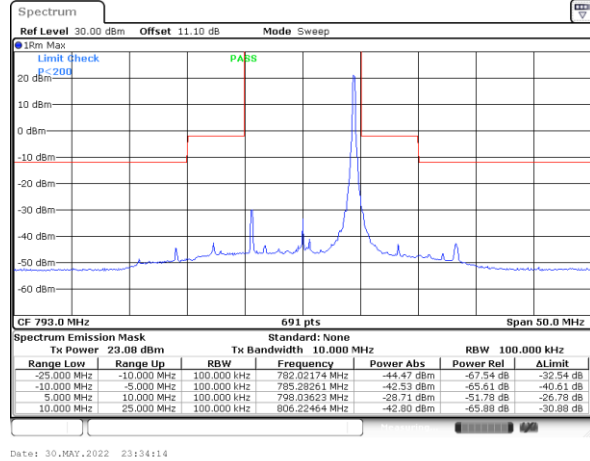
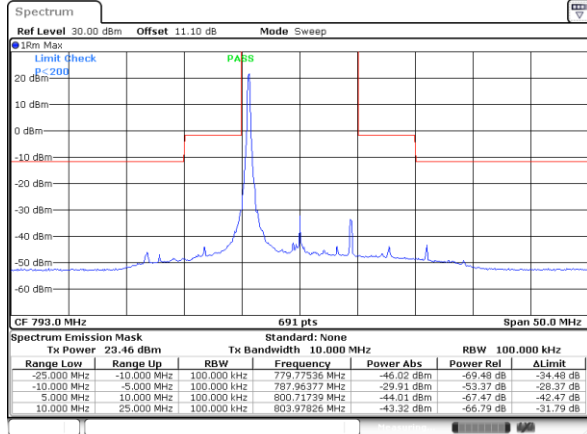


Middle Channel / Full RB

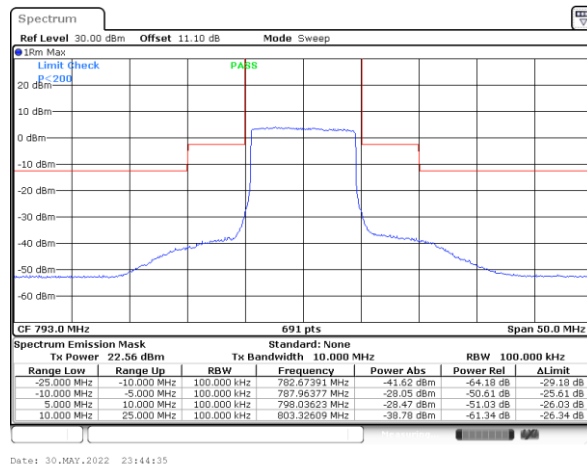


LTE Band 14 / 10MHz / 16QAM

Middle Channel / 1RB

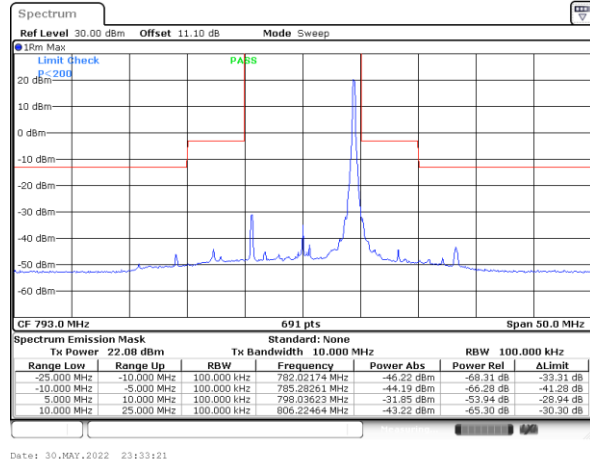
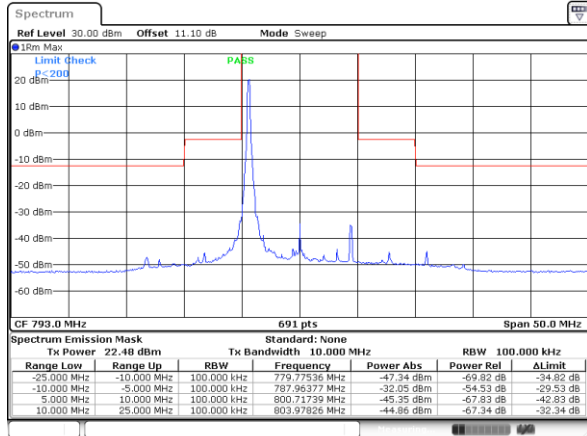


Middle Channel / Full RB

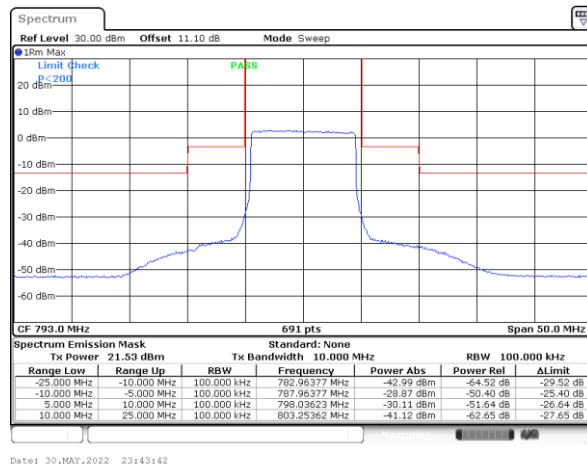


LTE Band 14 / 10MHz / 64QAM

Middle Channel / 1RB

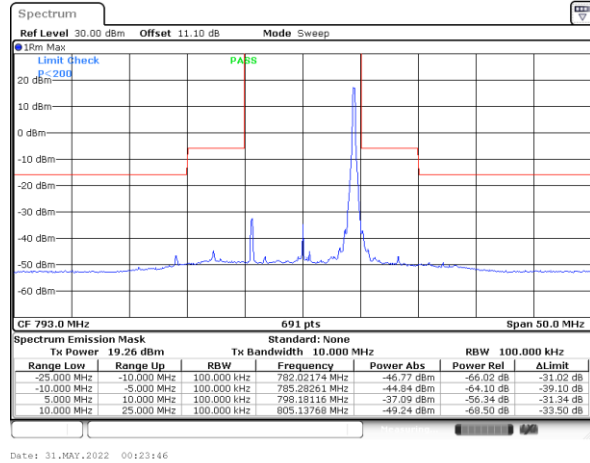
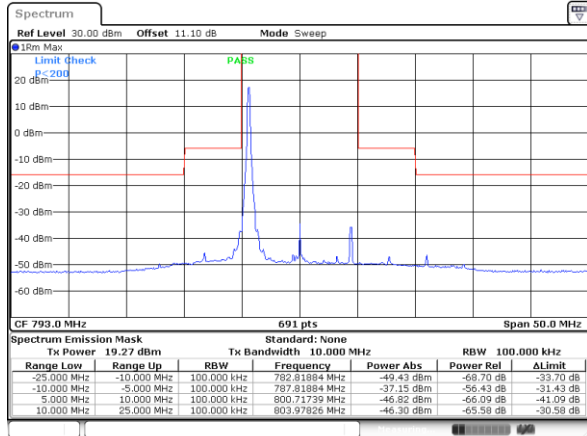


Middle Channel / Full RB

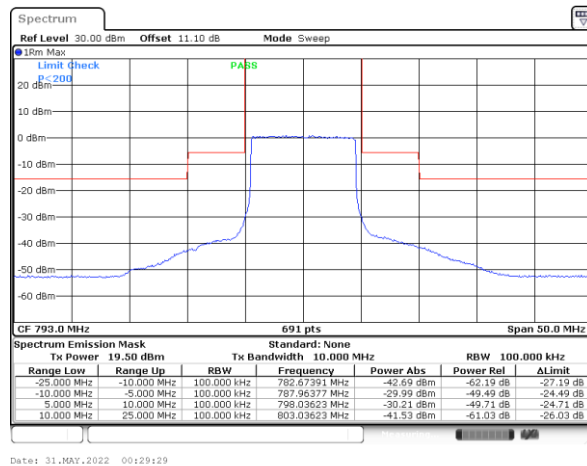


LTE Band 14 / 10MHz / 256QAM

Middle Channel / 1RB



Middle Channel / Full RB



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	0.0029	PASS
40	Normal Voltage	0.0049	
30	Normal Voltage	0.0050	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0071	
0	Normal Voltage	0.0058	
-10	Normal Voltage	0.0013	
-20	Normal Voltage	0.0049	
-30	Normal Voltage	0.0106	
20	Maximum Voltage	0.0009	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0037	

Note:

1. Normal Voltage = 3.85 V. ; Battery End Point (BEP) = 3.4 V. ; Maximum Voltage = 4.3 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

<Primary Antenna>

<Ant. 0>

LTE Band 14

LTE Band 14 / 5MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1576	-65.42	-42.15	-23.27	-71.97	-70.23	1.79	8.76	H
	2368	-49.18	-13	-36.18	-59.25	-54.81	2.20	9.98	H
	3153	-61.02	-13	-48.02	-73.61	-67.73	2.55	11.41	H
	3944	-58.40	-13	-45.40	-72.61	-65.91	2.83	12.49	H
									H
									H
	1576	-65.12	-42.15	-22.97	-71.94	-69.93	1.79	8.76	V
	2368	-49.15	-13	-36.15	-59.93	-54.78	2.20	9.98	V
	3153	-60.44	-13	-47.44	-73.52	-67.15	2.55	11.41	V
	3944	-55.67	-13	-42.67	-70.30	-63.18	2.83	12.49	V
									V
									V
Middle	1584	-65.40	-42.15	-23.25	-71.88	-70.26	1.80	8.80	H
	2368	-61.29	-13	-48.29	-71.36	-66.92	2.20	9.98	H
	3163	-61.10	-13	-48.10	-73.75	-67.84	2.56	11.45	H
									H
									H
									H
	1584	-65.02	-42.15	-22.87	-71.82	-69.88	1.80	8.80	V
	2376	-56.63	-13	-43.63	-67.42	-62.34	2.20	10.06	V
	3163	-60.70	-13	-47.70	-73.83	-67.44	2.56	11.45	V
									V
									V
									V



Highest	1584	-65.56	-42.15	-23.41	-72.04	-70.42	1.80	8.80	H
	2376	-48.16	-13	-35.16	-58.24	-53.87	2.20	10.06	H
	3173	-60.52	-13	-47.52	-73.23	-67.30	2.56	11.49	H
	3968	-58.68	-13	-45.68	-72.87	-66.27	2.83	12.57	H
									H
									H
	1584	-64.63	-42.15	-22.48	-71.43	-69.49	1.80	8.80	V
	2376	-47.86	-13	-34.86	-58.65	-53.57	2.20	10.06	V
	3173	-59.90	-13	-46.90	-73.08	-66.68	2.56	11.49	V
	3968	-56.59	-13	-43.59	-71.21	-64.18	2.83	12.57	V
									V
									V

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



LTE Band 14 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1576	-65.47	-42.15	-23.32	-72.02	-70.28	1.79	8.76	H
	2368	-49.50	-13	-36.50	-59.57	-55.13	2.20	9.98	H
	3154	-61.12	-13	-48.12	-73.71	-67.83	2.55	11.42	H
	3944	-59.16	-13	-46.16	-73.37	-66.67	2.83	12.49	H
									H
									H
	1576	-65.41	-42.15	-23.26	-72.23	-70.22	1.79	8.76	V
	2368	-48.64	-13	-35.64	-59.42	-54.27	2.20	9.98	V
	3154	-60.62	-13	-47.62	-73.71	-67.33	2.55	11.42	V
	3944	-56.73	-13	-43.73	-71.36	-64.24	2.83	12.49	V
									V
									V

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



<ASDIV Antenna>

<Ant. 1>

LTE Band 14

LTE Band 14 / 5MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1576	-65.56	-42.15	-23.41	-72.11	-70.37	1.79	8.76	H
	2365	-61.05	-13	-48.05	-71.11	-66.65	2.20	9.95	H
	3153	-61.05	-13	-48.05	-73.64	-67.76	2.55	11.41	H
									H
									H
									H
	1576	-65.44	-42.15	-23.29	-72.26	-70.25	1.79	8.76	V
	2365	-62.15	-13	-49.15	-72.92	-67.75	2.20	9.95	V
	3153	-60.74	-13	-47.74	-73.82	-67.45	2.55	11.41	V
									V
									V
									V
Middle	1584	-65.47	-42.15	-23.32	-71.95	-70.33	1.80	8.80	H
	2368	-59.42	-13	-46.42	-69.49	-65.05	2.20	9.98	H
	3163	-60.92	-13	-47.92	-73.57	-67.66	2.56	11.45	H
									H
									H
									H
	1584	-64.92	-42.15	-22.77	-71.72	-69.78	1.80	8.80	V
	2372	-62.57	-13	-49.57	-73.36	-68.24	2.20	10.02	V
	3163	-60.38	-13	-47.38	-73.51	-67.12	2.56	11.45	V
									V
									V
									V



Highest	1584	-65.59	-42.15	-23.44	-72.07	-70.45	1.80	8.80	H
	2380	-61.24	-13	-48.24	-71.32	-66.99	2.20	10.10	H
	3173	-60.84	-13	-47.84	-73.55	-67.62	2.56	11.49	H
									H
									H
									H
	1584	-65.04	-42.15	-22.89	-71.84	-69.90	1.80	8.80	V
	2380	-62.78	-13	-49.78	-73.58	-68.53	2.20	10.10	V
	3173	-60.52	-13	-47.52	-73.70	-67.30	2.56	11.49	V
									V
									V
									V

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



LTE Band 14 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1576	-65.47	-42.15	-23.32	-72.02	-70.28	1.79	8.76	H
	2365	-60.83	-13	-47.83	-70.89	-66.43	2.20	9.95	H
	3154	-61.07	-13	-48.07	-73.66	-67.78	2.55	11.42	H
									H
									H
									H
	1576	-65.13	-42.15	-22.98	-71.95	-69.94	1.79	8.76	V
	2365	-62.39	-13	-49.39	-73.16	-67.99	2.20	9.95	V
	3154	-60.66	-13	-47.66	-73.75	-67.37	2.55	11.42	V
									V
									V
									V

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

————THE END————