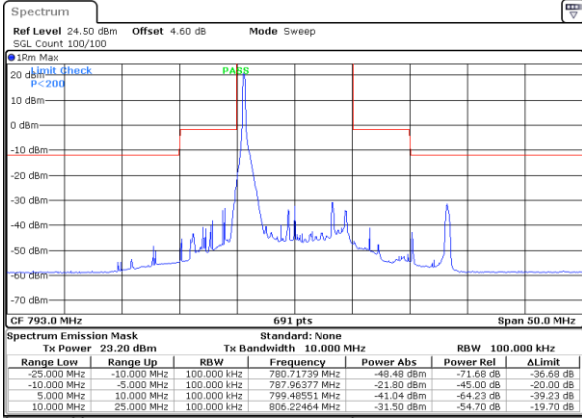


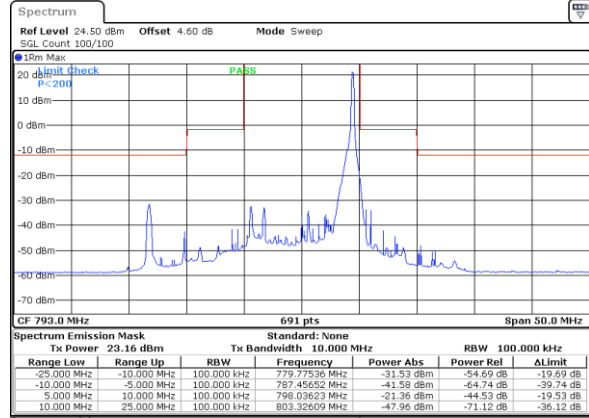


LTE Band 14 / 10MHz / QPSK

Middle Channel / 1RB

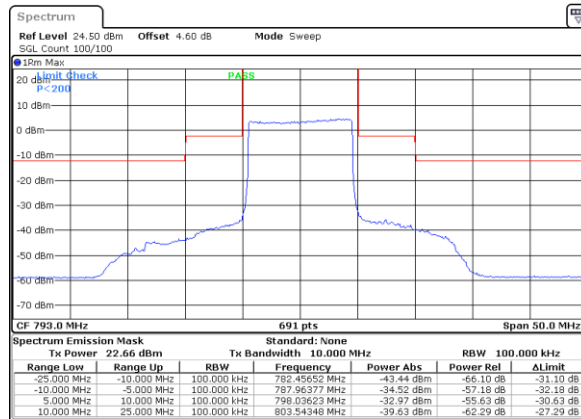


Date: 30_SEP.2024 08:56:54



Date: 30_SEP.2024 08:54:46

Middle Channel / Full RB

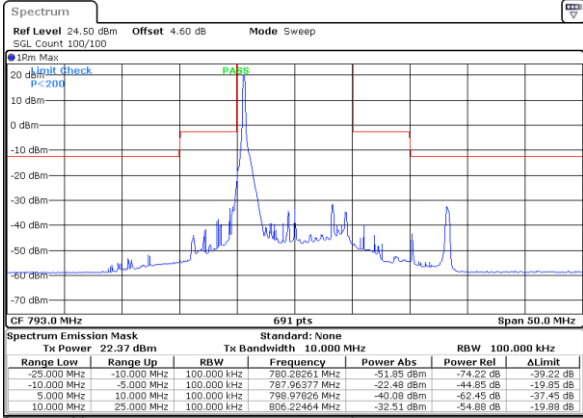


Date: 30_SEP.2024 09:07:28

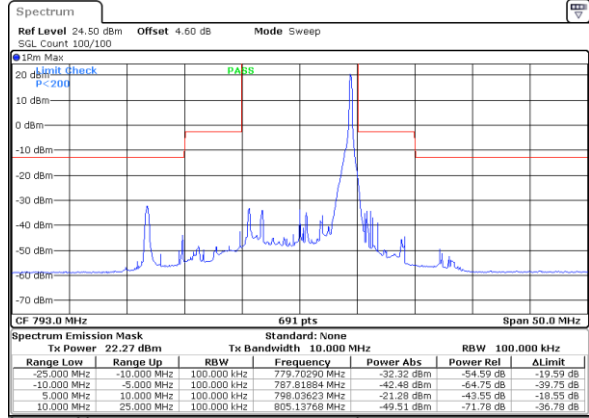


LTE Band 14 / 10MHz / 16QAM

Middle Channel / 1RB

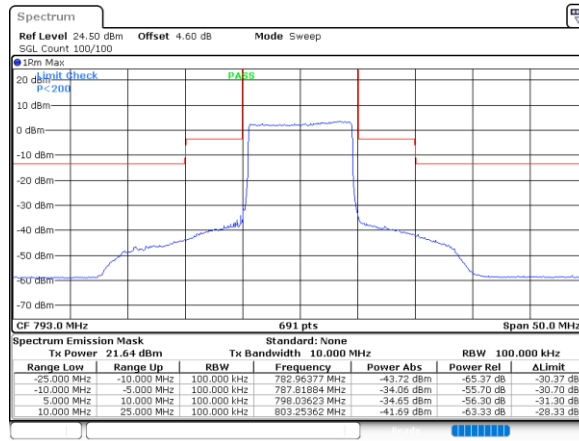


Date: 30_SEP.2024 08:59:00



Date: 30_SEP.2024 08:52:39

Middle Channel / Full RB

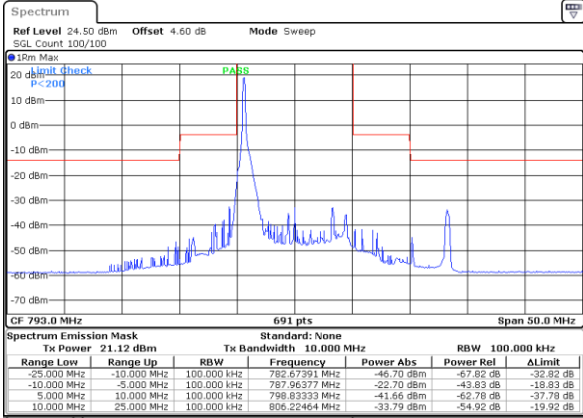


Date: 30_SEP.2024 09:05:21

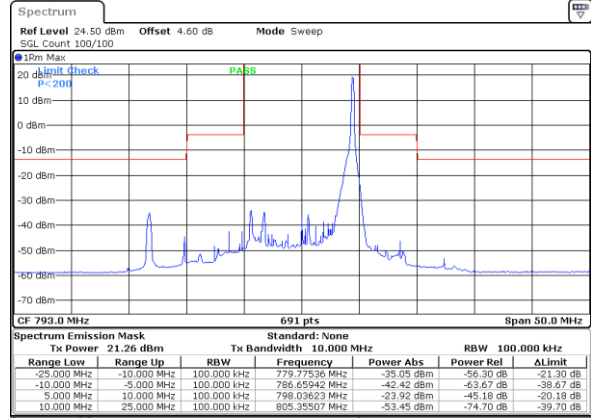


LTE Band 14 / 10MHz / 64QAM

Middle Channel / 1RB

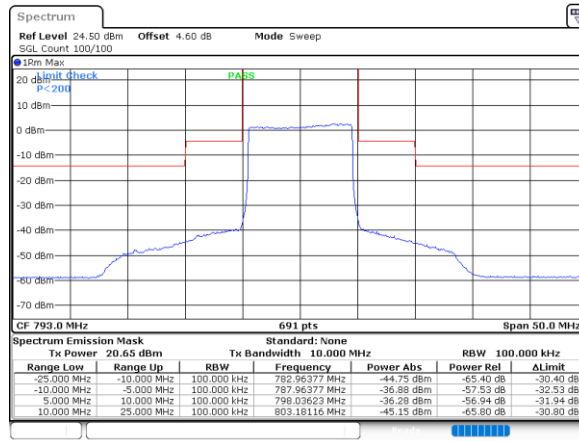


Date: 30_SEP.2024 09:01:07



Date: 30_SEP.2024 08:50:33

Middle Channel / Full RB

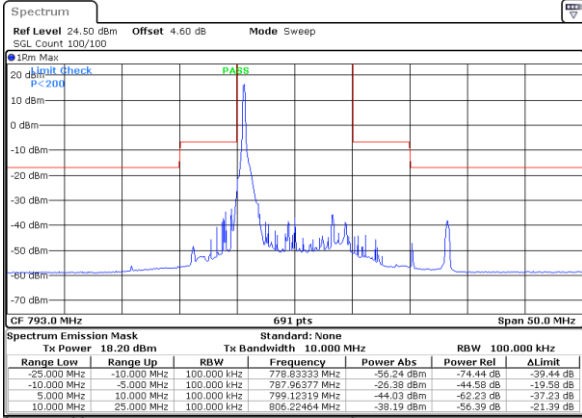


Date: 30_SEP.2024 09:03:14

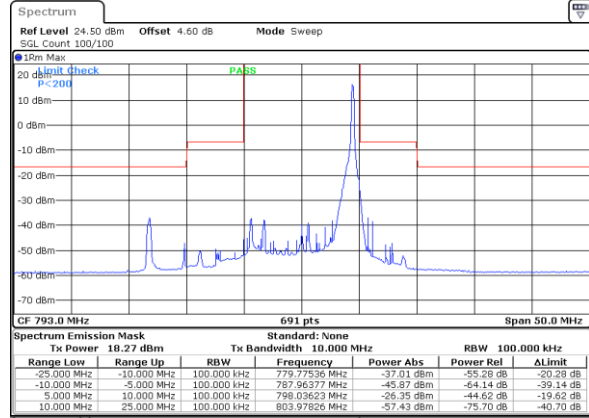


LTE Band 14 / 10MHz / 256QAM

Middle Channel / 1RB

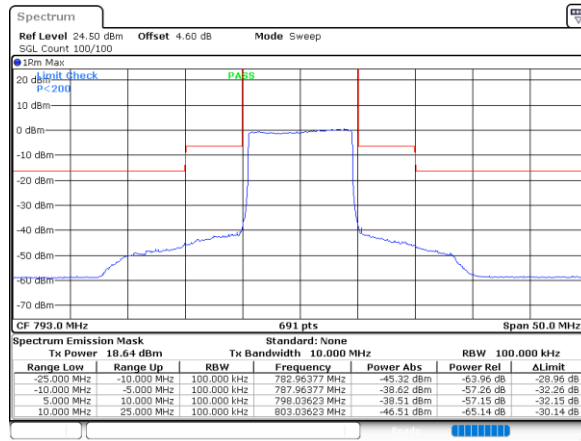


Date: 30_SEP.2024 09:13:48



Date: 30_SEP.2024 09:11:41

Middle Channel / Full RB



Date: 30_SEP.2024 09:09:34

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	0.0026	PASS
40	Normal Voltage	0.0017	
30	Normal Voltage	0.0006	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0014	
0	Normal Voltage	0.0003	
-10	Normal Voltage	0.0026	
-20	Normal Voltage	0.0016	
-30	Normal Voltage	0.0025	
20	Maximum Voltage	0.0016	
20	Normal Voltage	0.0011	
20	Battery End Point	0.0018	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.2 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Field Strength of Spurious Radiated

Test Engineer :	Bruce	Temperature :	23~25°C
		Relative Humidity :	41~42%

RSE pretest all the supported Antennas, only the worst results are shown in the report.

LTE Band 14 / 5MHz / QPSK / Ant.0								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1576	-54.04	-42.15	-11.89	-56.67	1.09	5.87	H
	2365.02	-57.96	-13	-44.96	-60.36	1.37	5.92	H
	3153.36	-59.53	-13	-46.53	-63.42	1.64	7.68	H
	1576	-54.65	-42.15	-12.50	-57.28	1.09	5.87	V
	2365.02	-58.03	-13	-45.03	-60.43	1.37	5.92	V
	3153.36	-59.50	-13	-46.50	-63.39	1.64	7.68	V
Middle	1584	-53.73	-42.15	-11.58	-56.36	1.09	5.87	H
	2372.52	-58.87	-13	-45.87	-61.27	1.37	5.92	H
	3163.36	-59.41	-13	-46.41	-63.30	1.64	7.68	H
	1584	-53.55	-42.15	-11.40	-56.18	1.09	5.87	V
	2372.52	-60.01	-13	-47.01	-62.41	1.37	5.92	V
	3163.36	-59.58	-13	-46.58	-63.47	1.64	7.68	V
Highest	1584	-53.90	-42.15	-11.75	-56.53	1.09	5.87	H
	2384	-59.71	-13	-46.71	-62.11	1.37	5.92	H
	3176	-60.47	-13	-47.47	-64.36	1.64	7.68	H
	1584	-54.52	-42.15	-12.37	-57.15	1.09	5.87	V
	2384	-60.16	-13	-47.16	-62.56	1.37	5.92	V
	3176	-60.57	-13	-47.57	-64.46	1.64	7.68	V

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

LTE Band 14 / 10MHz / QPSK / Ant.0								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1576	-53.37	-42.15	-11.22	-56.00	1.09	5.87	H
	2368	-57.99	-13	-44.99	-60.39	1.37	5.92	H
	3152	-59.63	-13	-46.63	-63.52	1.64	7.68	H
	1576	-54.13	-42.15	-11.98	-56.76	1.09	5.87	V
	2368	-58.99	-13	-45.99	-61.39	1.37	5.92	V
	3152	-59.54	-13	-46.54	-63.43	1.64	7.68	V

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