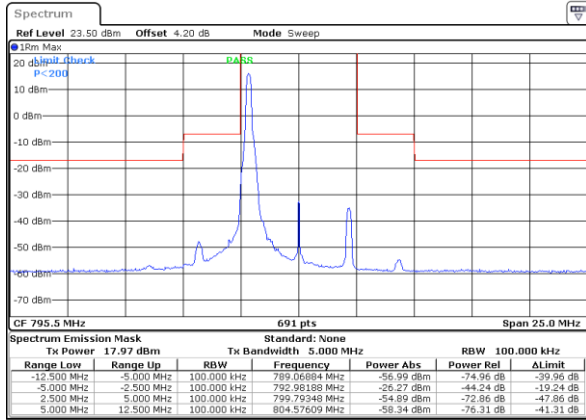
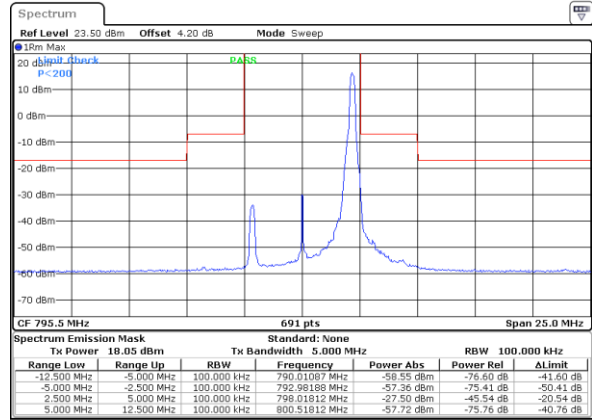


LTE Band 14 / 5MHz / 256QAM

Highest Channel / 1RB

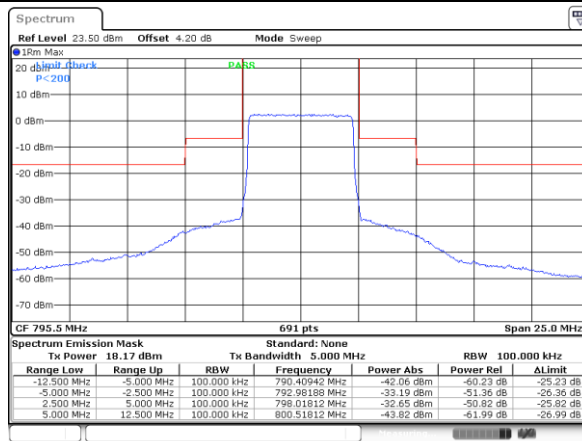


Date: 29_NOV.2022 12:03:13



Date: 29_NOV.2022 12:02:27

Highest Channel / Full RB

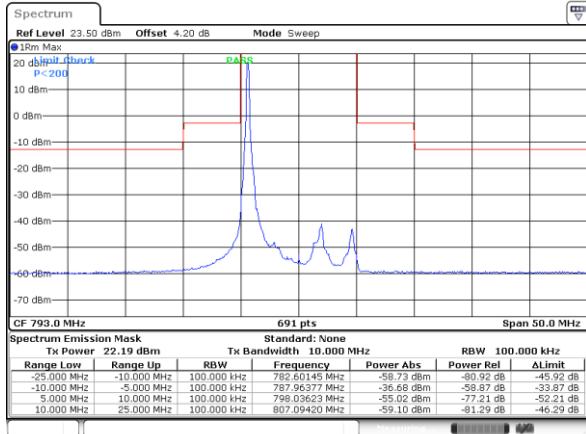


Date: 29_NOV.2022 12:01:40

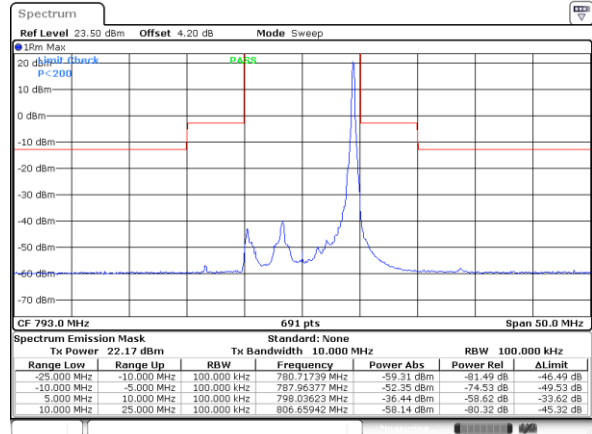


LTE Band 14 / 10MHz / QPSK

Middle Channel / 1RB

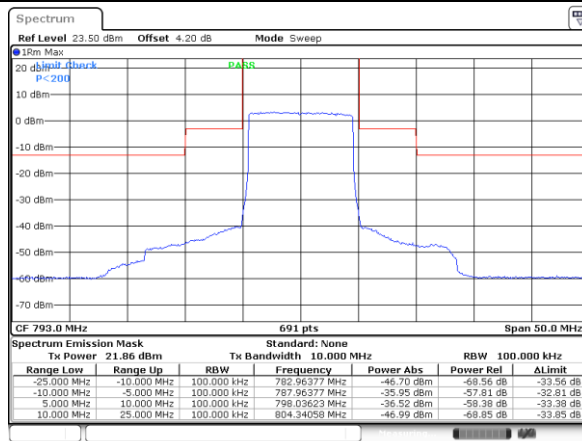


Date: 29.NOV.2022 12:04:42



Date: 29.NOV.2022 12:08:57

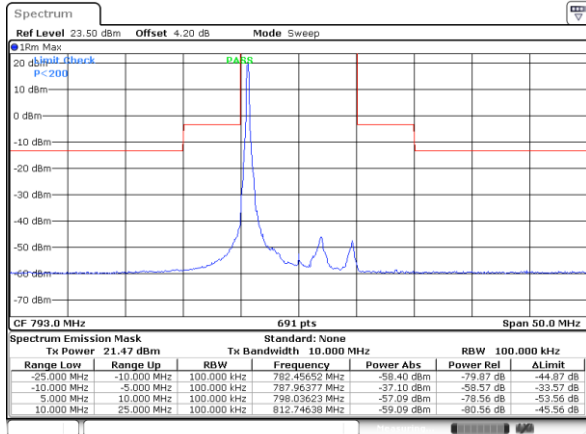
Middle Channel / Full RB



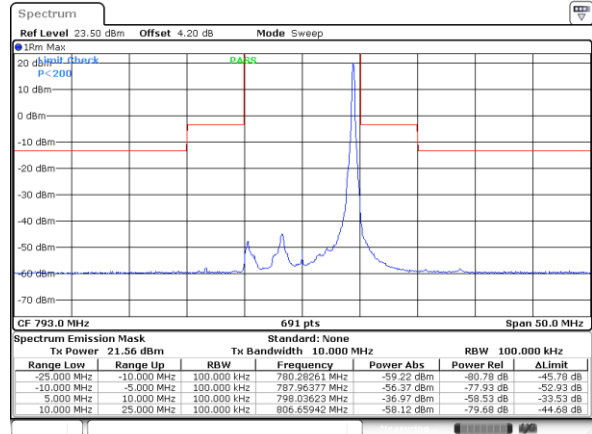
Date: 29.NOV.2022 12:09:34

LTE Band 14 / 10MHz / 16QAM

Middle Channel / 1RB

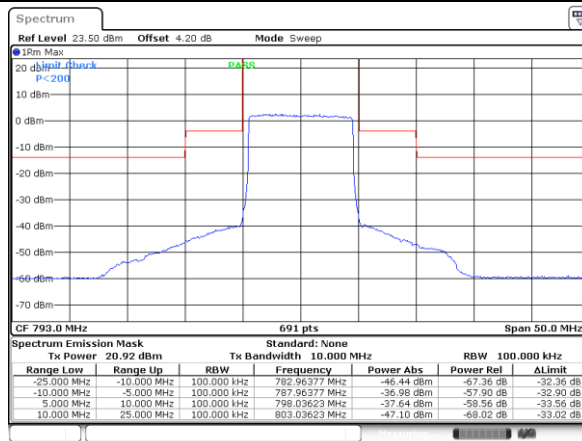


Date: 29.NOV.2022 12:05:18



Date: 29.NOV.2022 12:08:21

Middle Channel / Full RB

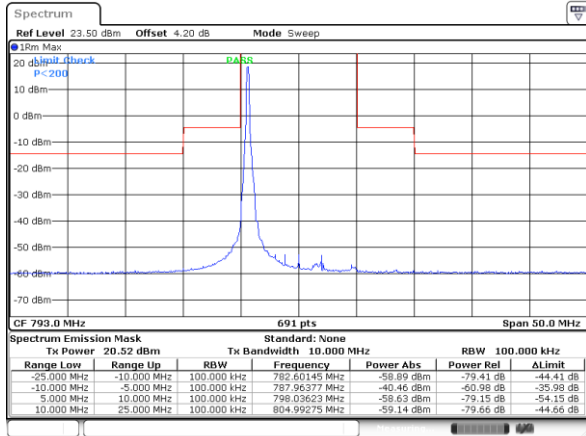


Date: 29.NOV.2022 12:10:11

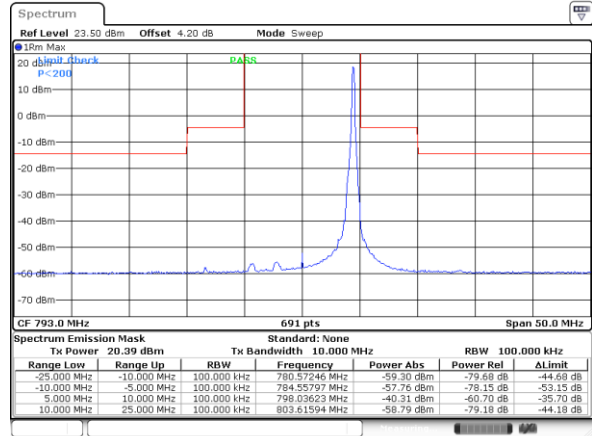


LTE Band 14 / 10MHz / 64QAM

Middle Channel / 1RB

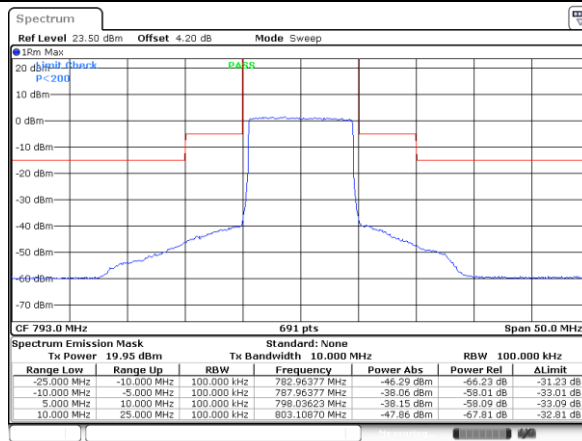


Date: 29.NOV.2022 12:05:55



Date: 29.NOV.2022 12:07:44

Middle Channel / Full RB

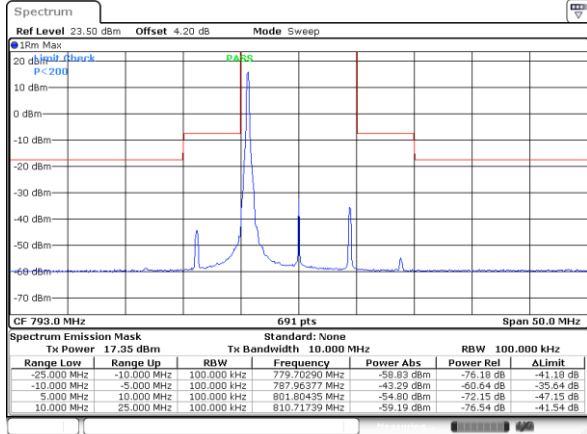


Date: 29.NOV.2022 12:10:47

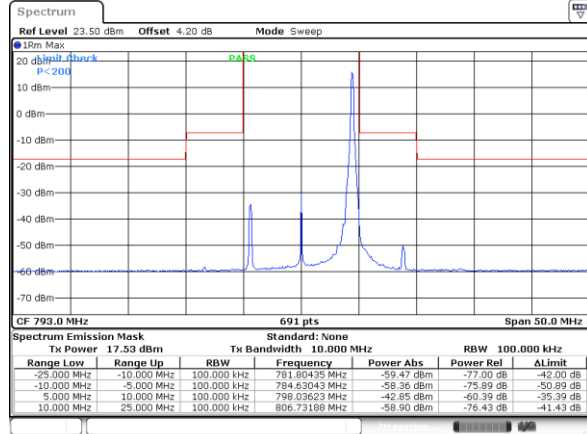


LTE Band 14 / 10MHz / 256QAM

Middle Channel / 1RB

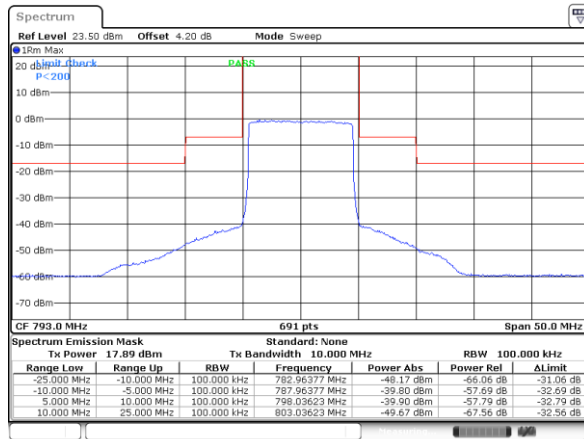


Date: 29_NOV_2022 12:06:13



Date: 29_NOV_2022 12:07:08

Middle Channel / Full RB



Date: 29_NOV_2022 12:11:24



Frequency Stability

Test Conditions		LTE Band 14 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	1.25ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0018	PASS
40	Normal Voltage	0.0036	
30	Normal Voltage	0.0024	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0011	
0	Normal Voltage	0.0042	
-10	Normal Voltage	0.0025	
-20	Normal Voltage	0.0015	
-30	Normal Voltage	0.0017	
20	Maximum Voltage	0.0037	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0019	

Note: Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.51 V.



Test Conditions		LTE Band 14 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 5MHz	1.25ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0016	PASS
40	Normal Voltage	0.0026	
30	Normal Voltage	0.0024	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0013	
0	Normal Voltage	0.0046	
-10	Normal Voltage	0.0015	
-20	Normal Voltage	0.0014	
-30	Normal Voltage	0.0012	
20	Maximum Voltage	0.0035	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0013	

Note: Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.51 V.



Appendix B. Test Results of Radiated Test

Field Strength of Spurious Radiated

Test Engineer :	Simle Wang	Temperature :	22~23°C
		Relative Humidity :	40~42%

LTE Band 14 / QPSK / RB Size 1 Offset 0									
Channel	Bandwidth	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
High	5MHz	1584	-66.54	-42.15	-24.39	-69.17	1.09	5.87	H
		2376	-61.87	-13	-48.87	-64.27	1.37	5.92	H
		3176	-60.30	-13	-47.30	-64.19	1.64	7.68	H
		1584	-66.16	-42.15	-24.01	-68.79	1.09	5.87	V
		2376	-60.10	-13	-47.10	-62.50	1.37	5.92	V
		3176	-60.67	-13	-47.67	-64.56	1.64	7.68	V
Middle	5MHz	1580	-67.62	-42.15	-25.47	-70.25	1.09	5.87	H
		2372	-62.40	-13	-49.40	-64.80	1.37	5.92	H
		3162	-60.84	-13	-47.84	-64.73	1.64	7.68	H
		1580	-66.92	-42.15	-24.77	-69.55	1.09	5.87	V
		2372	-61.11	-13	-48.11	-63.51	1.37	5.92	V
		3162	-60.57	-13	-47.57	-64.46	1.64	7.68	V
Low	5MHz	1576	-67.45	-42.15	-25.30	-70.08	1.09	5.87	H
		2368	-62.24	-13	-49.24	-64.64	1.37	5.92	H
		3152	-60.29	-13	-47.29	-64.18	1.64	7.68	H
		1576	-66.51	-42.15	-24.36	-69.14	1.09	5.87	V
		2368	-60.61	-13	-47.61	-63.01	1.37	5.92	V
		3152	-60.06	-13	-47.06	-63.95	1.64	7.68	V
Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.									
Test Result					PASS				



LTE Band 14 / QPSK / RB Size 1 Offset 0									
Channel	Bandwidth	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	10MHz	1576	-67.60	-42.15	-25.45	-70.23	1.09	5.87	H
		2368	-62.89	-13	-49.89	-65.29	1.37	5.92	H
		3152	-60.99	-13	-47.99	-64.88	1.64	7.68	H
		1576	-66.50	-42.15	-24.35	-69.13	1.09	5.87	V
		2368	-61.21	-13	-48.21	-63.61	1.37	5.92	V
		3152	-60.65	-13	-47.65	-64.54	1.64	7.68	V
Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.									
Test Result					PASS				