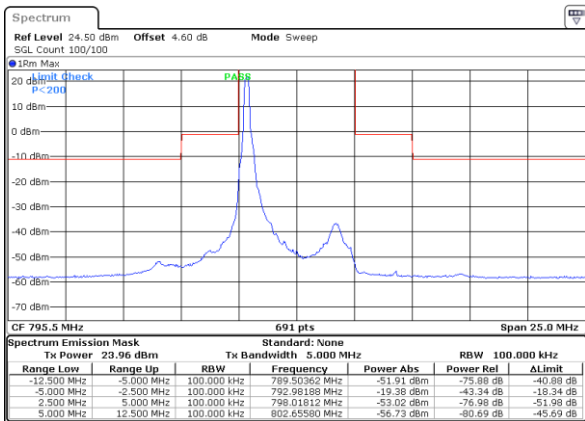


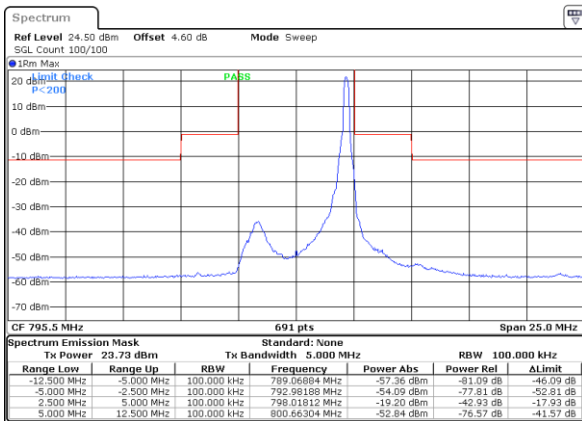


LTE Band 14 / 5MHz / QPSK

Highest Channel / 1RB

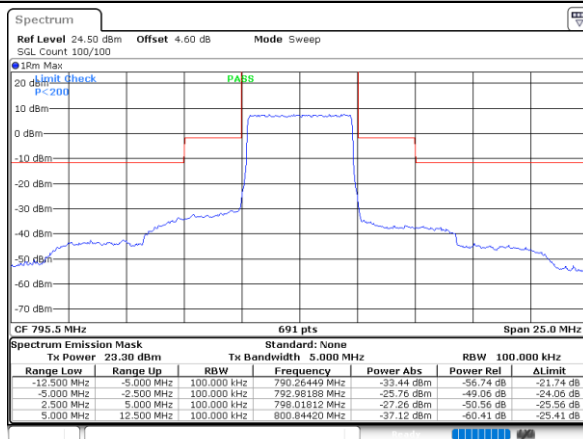


Date: 17 JUN 2024 15:42:08



Date: 17 JUN 2024 15:51:23

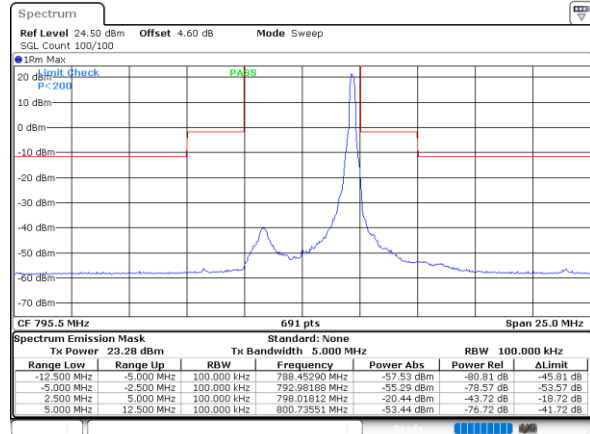
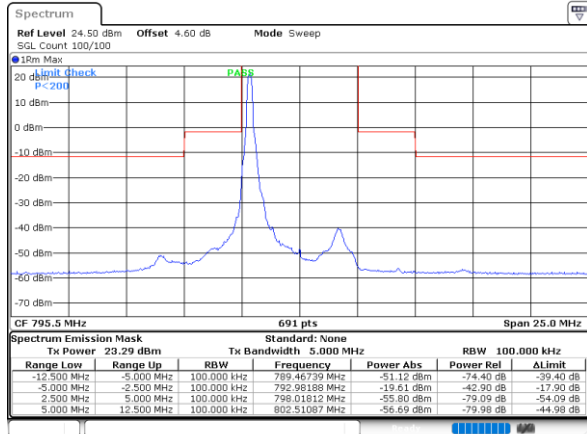
Highest Channel / Full RB



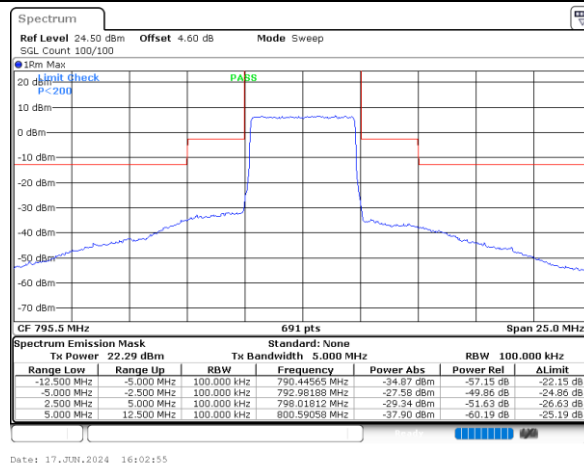
Date: 17 JUN 2024 16:00:37

LTE Band 14 / 5MHz / 16QAM

Highest Channel / 1RB

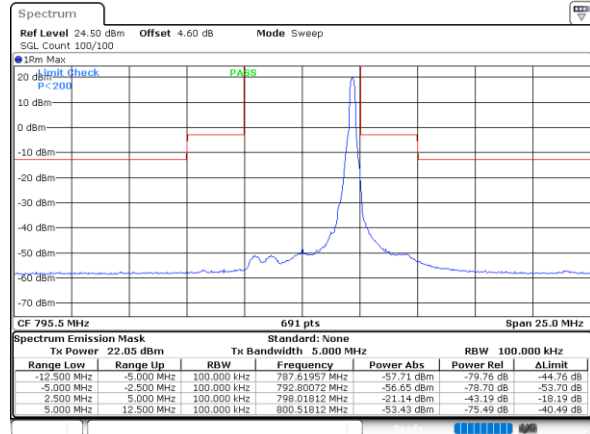
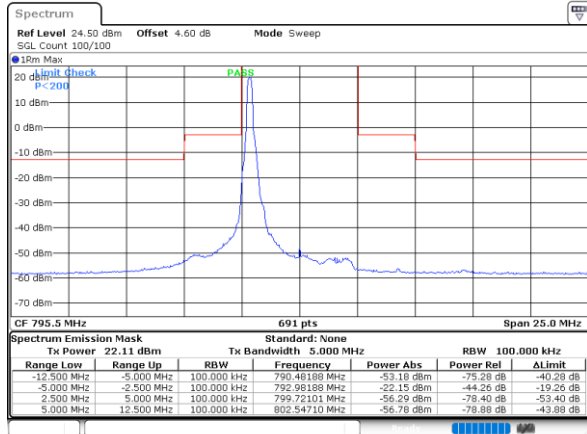


Highest Channel / Full RB

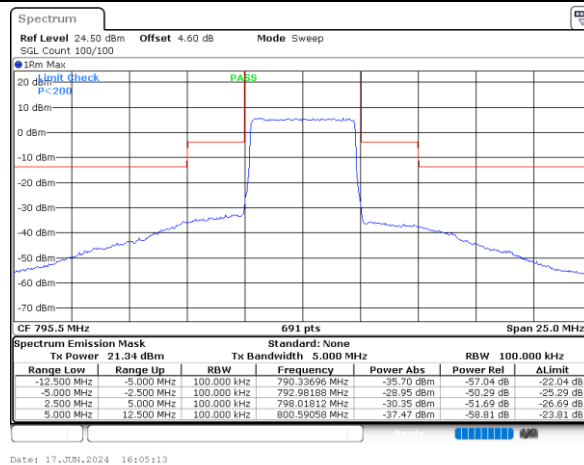


LTE Band 14 / 5MHz / 64QAM

Highest Channel / 1RB

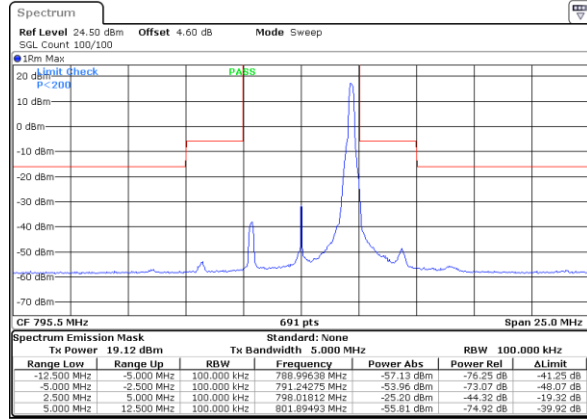
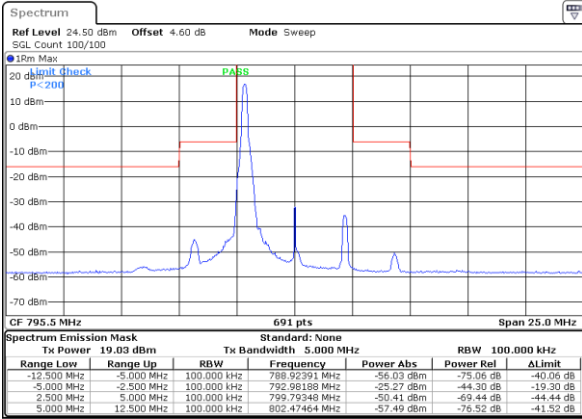


Highest Channel / Full RB

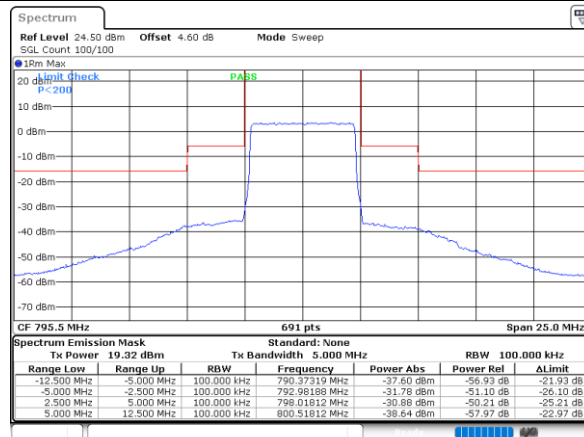


LTE Band 14 / 5MHz / 256QAM

Highest Channel / 1RB

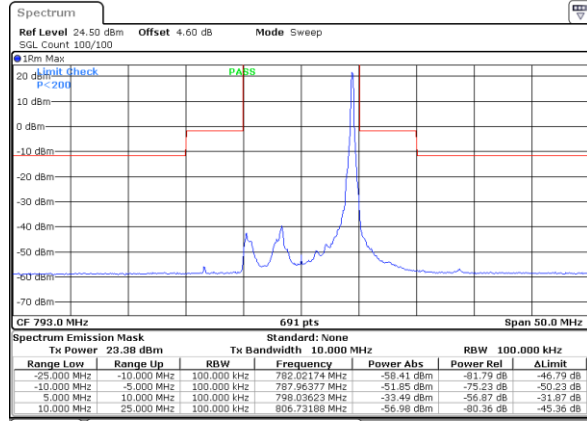
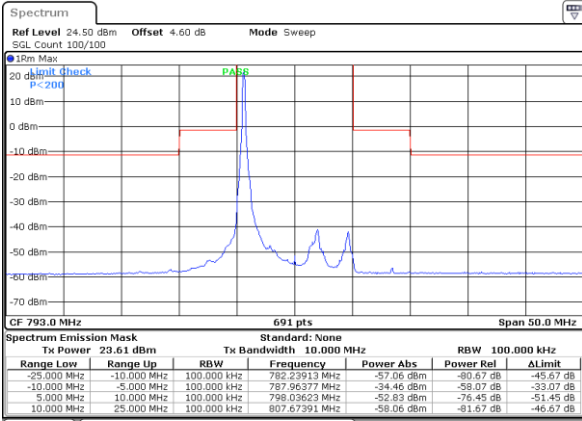


Highest Channel / Full RB

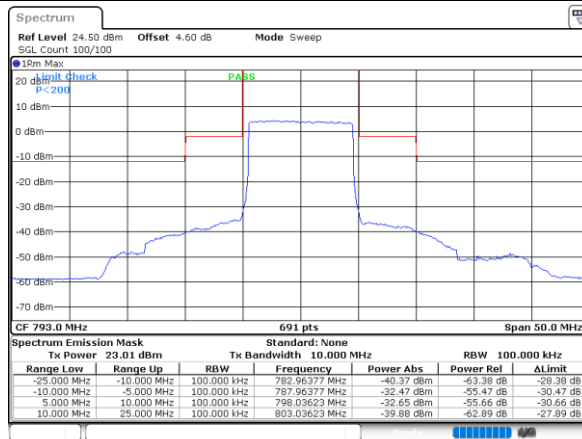


LTE Band 14 / 10MHz / QPSK

Middle Channel / 1RB



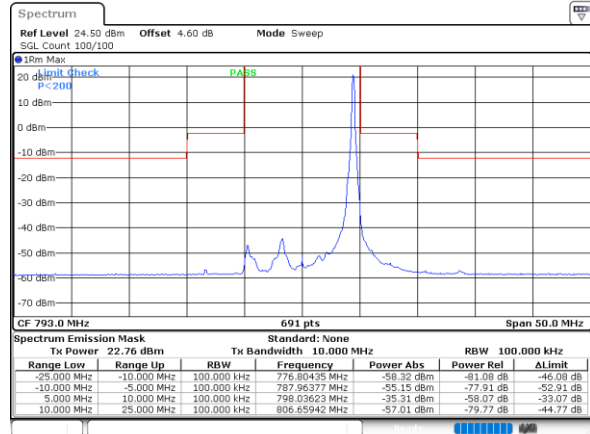
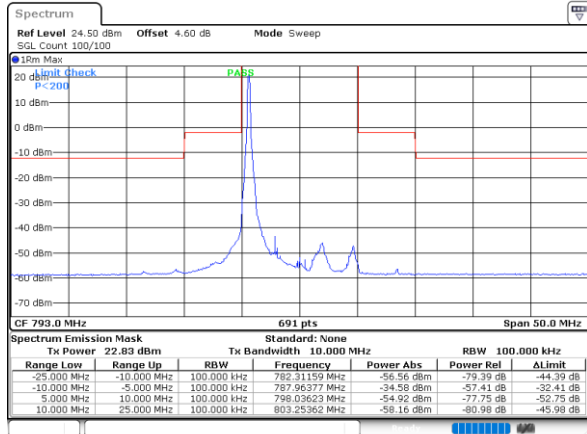
Middle Channel / Full RB



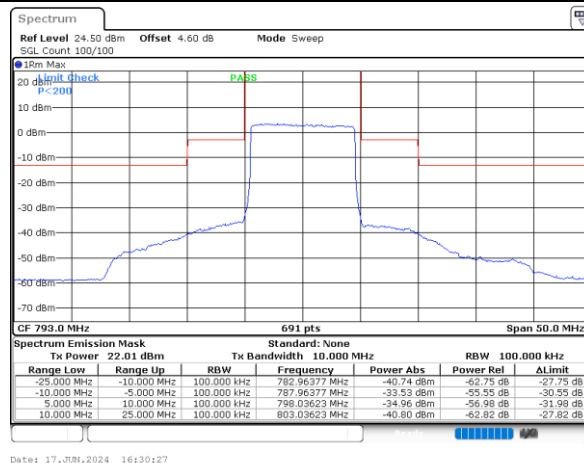


LTE Band 14 / 10MHz / 16QAM

Middle Channel / 1RB

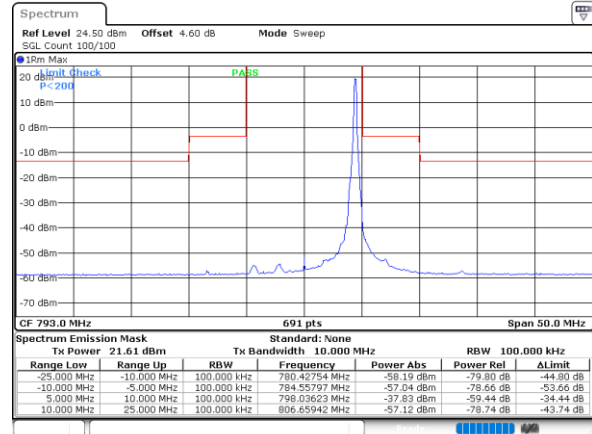
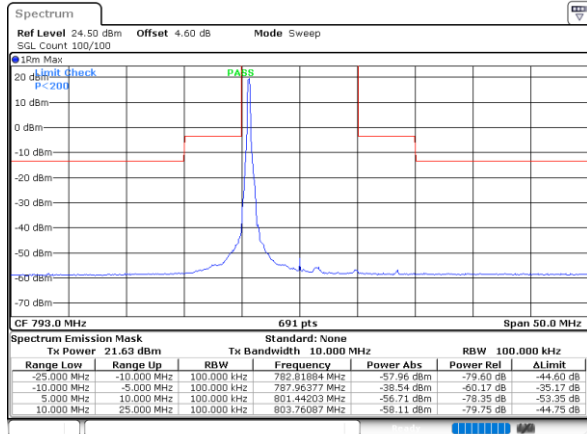


Middle Channel / Full RB

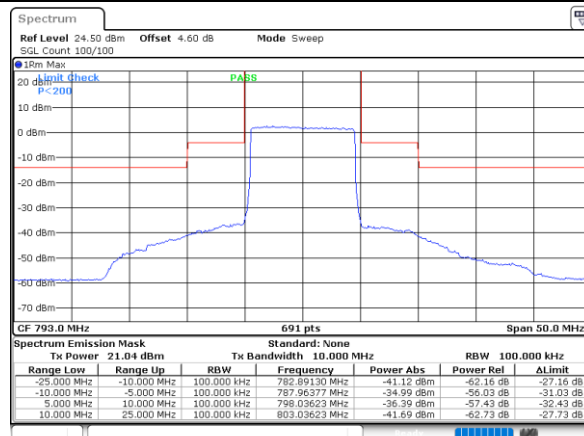


LTE Band 14 / 10MHz / 64QAM

Middle Channel / 1RB

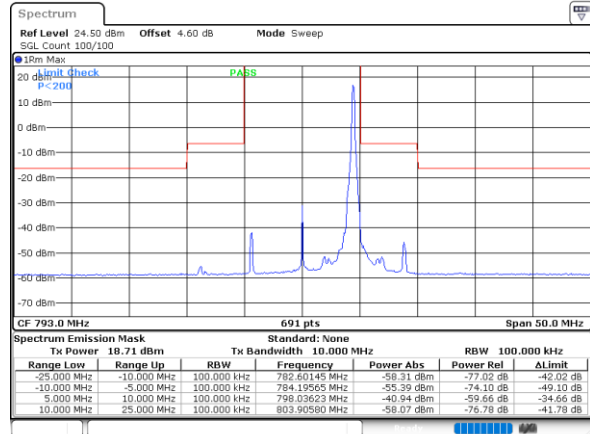
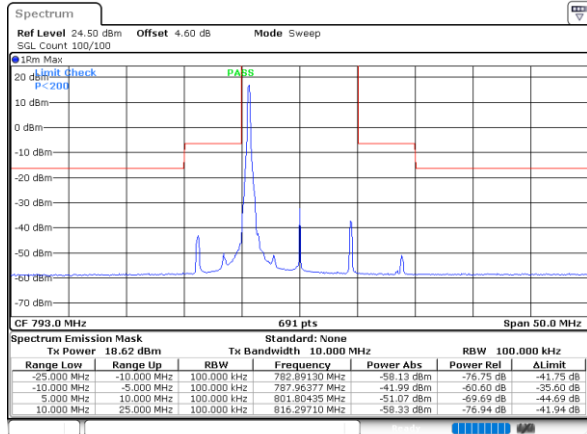


Middle Channel / Full RB

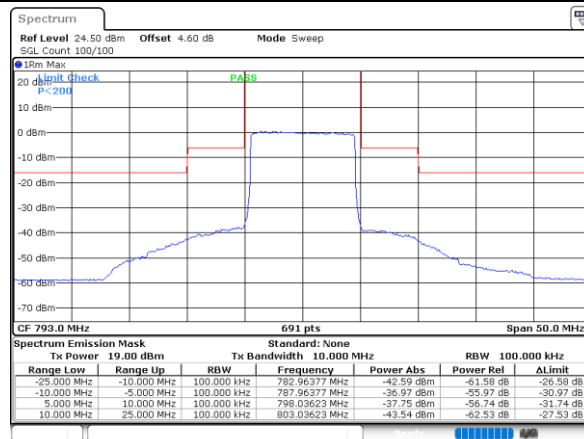


LTE Band 14 / 10MHz / 256QAM

Middle Channel / 1RB



Middle Channel / Full RB



Frequency Stability

Test Conditions		LTE Band 14 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	1.25ppm
		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: Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.41V.



Appendix B. Test Results of Radiated Test

Field Strength of Spurious Radiated

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

For Ant 0

LTE Band 14 / 5MHz / QPSK								
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	-63.11	-42.15	-20.96	-65.74	1.09	5.87	H
	2368	-62.71	-13	-49.71	-65.11	1.37	5.92	H
	3152	-60.14	-13	-47.14	-64.03	1.64	7.68	H
	1576	-60.89	-42.15	-18.74	-63.52	1.09	5.87	V
	2368	-61.01	-13	-48.01	-63.41	1.37	5.92	V
	3152	-59.97	-13	-46.97	-63.86	1.64	7.68	V
Middle	1584	-62.92	-42.15	-20.77	-65.55	1.09	5.87	H
	2376	-62.56	-13	-49.56	-64.96	1.37	5.92	H
	3160	-60.40	-13	-47.40	-64.29	1.64	7.68	H
	1584	-59.80	-42.15	-17.65	-62.43	1.09	5.87	V
	2376	-61.07	-13	-48.07	-63.47	1.37	5.92	V
	3160	-59.97	-13	-46.97	-63.86	1.64	7.68	V
Highest	1584	-63.38	-42.15	-21.23	-66.01	1.09	5.87	H
	2384	-62.09	-13	-49.09	-64.49	1.37	5.92	H
	3176	-60.66	-13	-47.66	-64.55	1.64	7.68	H
	1584	-60.96	-42.15	-18.81	-63.59	1.09	5.87	V
	2384	-60.48	-13	-47.48	-62.88	1.37	5.92	V
	3176	-60.03	-13	-47.03	-63.92	1.64	7.68	V

LTE Band 14 / 10MHz / QPSK								
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	-63.98	-42.15	-21.83	-66.61	1.09	5.87	H
	2368	-62.59	-13	-49.59	-64.99	1.37	5.92	H
	3152	-59.99	-13	-46.99	-63.88	1.64	7.68	H
	1576	-61.29	-42.15	-19.14	-63.92	1.09	5.87	V
	2368	-60.77	-13	-47.77	-63.17	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.

For Ant 1

LTE Band 14 / 5MHz / QPSK								
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	-66.76	-42.15	-24.61	-69.39	1.09	5.87	H
	2368	-62.29	-13	-49.29	-64.69	1.37	5.92	H
	3152	-60.43	-13	-47.43	-64.32	1.64	7.68	H
	1576	-65.88	-42.15	-23.73	-68.51	1.09	5.87	V
	2368	-60.06	-13	-47.06	-62.46	1.37	5.92	V
	3152	-60.17	-13	-47.17	-64.06	1.64	7.68	V
Middle	1584	-67.22	-42.15	-25.07	-69.85	1.09	5.87	H
	2376	-62.33	-13	-49.33	-64.73	1.37	5.92	H
	3160	-60.75	-13	-47.75	-64.64	1.64	7.68	H
	1584	-66.44	-42.15	-24.29	-69.07	1.09	5.87	V
	2376	-60.50	-13	-47.50	-62.90	1.37	5.92	V
	3160	-60.49	-13	-47.49	-64.38	1.64	7.68	V
Highest	1584	-67.19	-42.15	-25.04	-69.82	1.09	5.87	H
	2384	-62.38	-13	-49.38	-64.78	1.37	5.92	H
	3176	-61.31	-13	-48.31	-65.20	1.64	7.68	H
	1584	-65.89	-42.15	-23.74	-68.52	1.09	5.87	V
	2384	-60.75	-13	-47.75	-63.15	1.37	5.92	V
	3176	-61.07	-13	-48.07	-64.96	1.64	7.68	V

LTE Band 14 / 10MHz / QPSK								
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	-66.75	-42.15	-24.60	-69.38	1.09	5.87	H
	2368	-62.26	-13	-49.26	-64.66	1.37	5.92	H
	3152	-59.95	-13	-46.95	-63.84	1.64	7.68	H
	1576	-66.00	-42.15	-23.85	-68.63	1.09	5.87	V
	2368	-60.93	-13	-47.93	-63.33	1.37	5.92	V
	3152	-60.27	-13	-47.27	-64.16	1.64	7.68	V

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