













Frequency Stability

Test Conditions		LTE Band 25 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0020	PASS
40	Normal Voltage	0.0013	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0022	
0	Normal Voltage	0.0007	
-10	Normal Voltage	0.0003	
-20	Normal Voltage	0.0008	
-30	Normal Voltage	0.0013	
20	Maximum Voltage	0.0001	
20	Normal Voltage	0.0020	
20	Minimum Voltage	0.0014	

Note:

1. Normal Voltage =24 V. ; Minimum Voltage =20 V. ; Maximum Voltage =28 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Carry Xu	Temperature :	22~23°C
		Relative Humidity :	40~42%

LTE Band 25 / 20MHz / QPSK								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3741	-33.07	-13	-20.07	-45.33	2.64	14.90	H
	5613	-43.60	-13	-30.60	-55.46	2.94	14.80	H
	7488	-46.59	-13	-33.59	-56.36	3.39	13.16	H
	9360	-47.23	-13	-34.23	-57.71	4.00	14.48	H
	3741	-48.54	-13	-35.54	-60.80	2.64	14.90	V
	5613	-47.20	-13	-34.20	-59.06	2.94	14.80	V
	7488	-38.75	-13	-25.75	-48.52	3.39	13.16	V
	9360	-42.58	-13	-29.58	-53.06	4.00	14.48	V

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