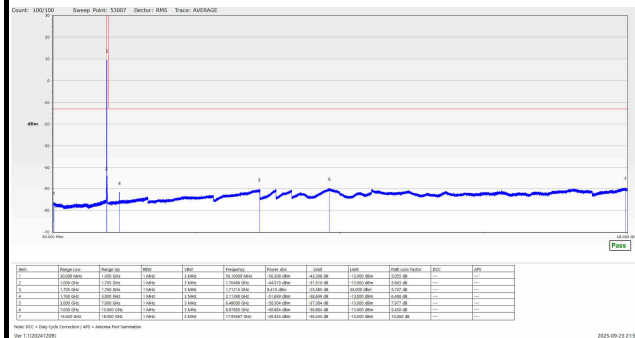
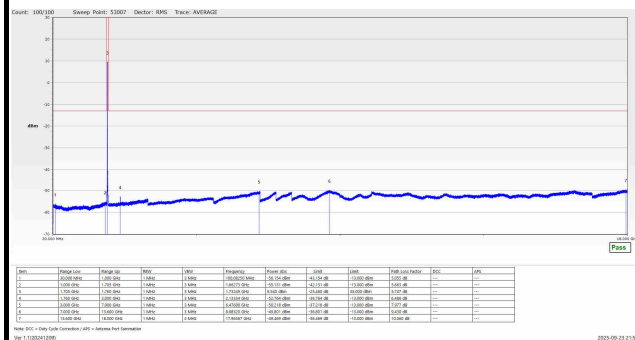


WCDMA Band IV (RMC 12.2Kbps)

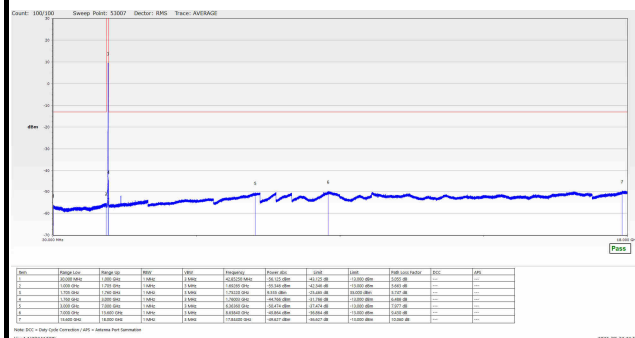
Lowest Channel



Middle Channel



Highest Channel



**Frequency Stability**

Test Conditions	Middle Channel	WCDMA Band V (RMC 12.2Kbps)	Limit
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	2.5ppm
50	Normal Voltage	0.0051	PASS
40	Normal Voltage	0.0391	
30	Normal Voltage	0.0442	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0026	
0	Normal Voltage	0.0345	
-10	Normal Voltage	0.0069	
-20	Normal Voltage	0.0124	
-30	Normal Voltage	0.0311	
20	Maximum Voltage	0.0015	
20	Normal Voltage	0.0193	
20	Battery End Point	0.0038	

Test Conditions	Middle Channel	WCDMA Band II (RMC 12.2Kbps)	Limit
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Note 2.
50	Normal Voltage	0.0199	PASS
40	Normal Voltage	0.0142	
30	Normal Voltage	0.0163	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0183	
0	Normal Voltage	0.0178	
-10	Normal Voltage	0.0247	
-20	Normal Voltage	0.0003	
-30	Normal Voltage	0.0124	
20	Maximum Voltage	0.0048	
20	Normal Voltage	0.0059	
20	Battery End Point	0.0019	

Test Conditions	Middle Channel	WCDMA Band IV (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0093	PASS
40	Normal Voltage	0.0141	
30	Normal Voltage	0.0082	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0009	
0	Normal Voltage	0.0017	
-10	Normal Voltage	0.0126	
-20	Normal Voltage	0.0637	
-30	Normal Voltage	0.0047	
20	Maximum Voltage	0.0028	
20	Normal Voltage	0.0044	
20	Battery End Point	0.0122	

Note:

1. Normal Voltage = 3.8V ; Battery End Point (BEP) =3.5V.; Maximum Voltage =4.35V
2. The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Jake	Temperature :	22~26°C
		Relative Humidity :	50~53%

WCDMA Band V(RMC 12.2Kbps)								
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	1656	-52.64	-13	-39.64	-59.61	1.58	10.70	H
	2480	-59.37	-13	-46.37	-67.62	2.102	12.50	H
	3304	-57.84	-13	-44.84	-66.73	2.856	13.90	H
	1656	-53.20	-13	-40.20	-60.17	1.58	10.70	V
	2480	-57.46	-13	-44.46	-65.71	2.10	12.50	V
	3304	-58.31	-13	-45.31	-67.20	2.86	13.90	V
Middle	1672	-49.92	-13	-36.92	-56.89	1.58	10.70	H
	2512	-58.18	-13	-45.18	-66.43	2.102	12.50	H
	3344	-58.23	-13	-45.23	-67.12	2.856	13.90	H
	1672	-52.57	-13	-39.57	-59.54	1.58	10.70	V
	2512	-57.41	-13	-44.41	-65.66	2.10	12.50	V
	3344	-58.16	-13	-45.16	-67.05	2.86	13.90	V
Highest	1696	-52.40	-13	-39.40	-59.37	1.58	10.70	H
	2536	-47.90	-13	-34.90	-56.15	2.102	12.50	H
	3384	-58.07	-13	-45.07	-66.96	2.856	13.90	H
	1696	-53.39	-13	-40.39	-60.36	1.58	10.70	V
	2536	-49.06	-13	-36.06	-57.31	2.10	12.50	V
	3384	-58.16	-13	-45.16	-67.05	2.86	13.90	V

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



WCDMA Band II (RMC 12.2Kbps)								
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)
Lowest	3705	-52.10	-13	-39.10	-64.36	2.64	14.90	H
	5550	-53.58	-13	-40.58	-65.44	2.94	14.80	H
	7410	-53.07	-13	-40.07	-62.84	3.39	13.16	H
	3705	-51.32	-13	-38.32	-63.58	2.64	14.90	V
	5550	-52.30	-13	-39.30	-64.16	2.94	14.80	V
	7410	-52.81	-13	-39.81	-62.58	3.39	13.16	V
Middle	3765	-50.59	-13	-37.59	-62.85	2.64	14.90	H
	5640	-54.99	-13	-41.99	-66.85	2.94	14.80	H
	7515	-52.40	-13	-39.40	-62.17	3.39	13.16	H
	3765	-52.41	-13	-39.41	-64.67	2.64	14.90	V
	5640	-55.31	-13	-42.31	-67.17	2.94	14.80	V
	7515	-52.77	-13	-39.77	-62.54	3.39	13.16	V
Highest	3810	-48.40	-13	-35.40	-60.66	2.64	14.90	H
	5715	-54.89	-13	-41.89	-66.75	2.94	14.80	H
	7635	-52.88	-13	-39.88	-62.65	3.39	13.16	H
	3810	-50.97	-13	-37.97	-63.23	2.64	14.90	V
	5715	-54.87	-13	-41.87	-66.73	2.94	14.80	V
	7635	-52.71	-13	-39.71	-62.48	3.39	13.16	V

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

WCDMA Band IV(RMC 12.2Kbps)								
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)
Lowest	3420	-56.51	-13	-43.51	-67.25	2.604	13.34	H
	5130	-52.87	-13	-39.87	-63.38	3.011	13.52	H
	6855	-54.38	-13	-41.38	-64.58	3.271	13.47	H
	3420	-57.28	-13	-44.28	-68.02	2.604	13.34	V
	5130	-51.20	-13	-38.20	-61.71	3.011	13.52	V
	6855	-54.64	-13	-41.64	-64.84	3.271	13.47	V
Middle	3465	-56.80	-13	-43.80	-67.54	2.604	13.34	H
	5190	-53.55	-13	-40.55	-64.06	3.011	13.52	H
	6930	-54.55	-13	-41.55	-64.75	3.271	13.47	H
	3465	-57.69	-13	-44.69	-68.43	2.604	13.34	V
	5190	-54.20	-13	-41.20	-64.71	3.011	13.52	V
	6930	-54.26	-13	-41.26	-64.46	3.271	13.47	V
Highest	3510	-57.71	-13	-44.71	-68.45	2.604	13.34	H
	5250	-55.49	-13	-42.49	-66.00	3.011	13.52	H
	7005	-53.71	-13	-40.71	-63.91	3.271	13.47	H
	3510	-58.28	-13	-45.28	-69.02	2.604	13.34	V
	5250	-54.69	-13	-41.69	-65.20	3.011	13.52	V
	7005	-54.12	-13	-41.12	-64.32	3.271	13.47	V

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