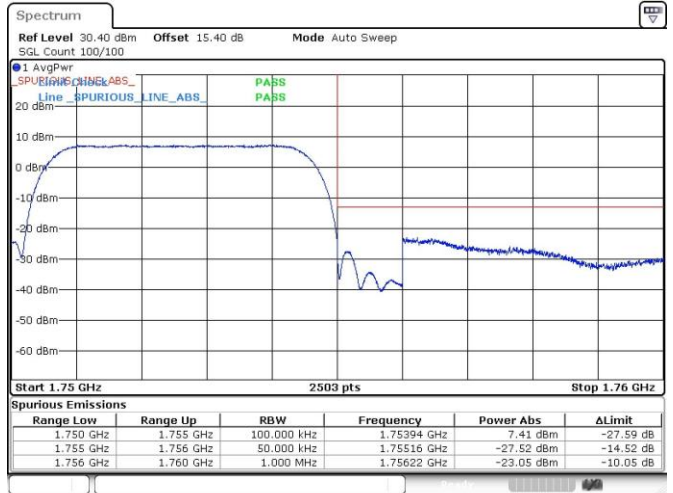
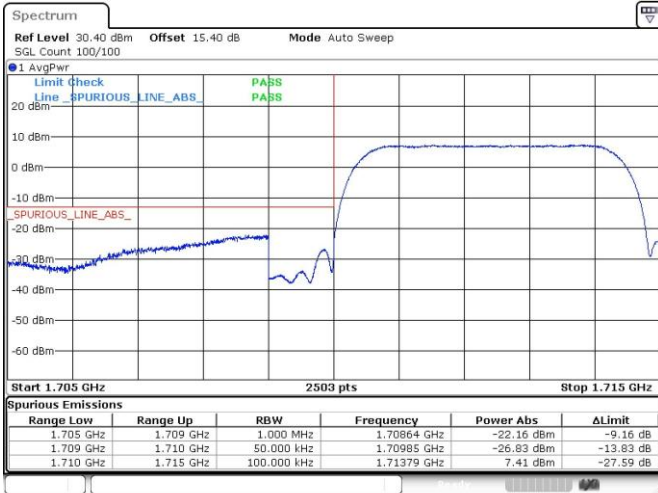




WCDMA Band IV (RMC 12.2Kbps)

Lowest Band Edge

Highest Band Edge

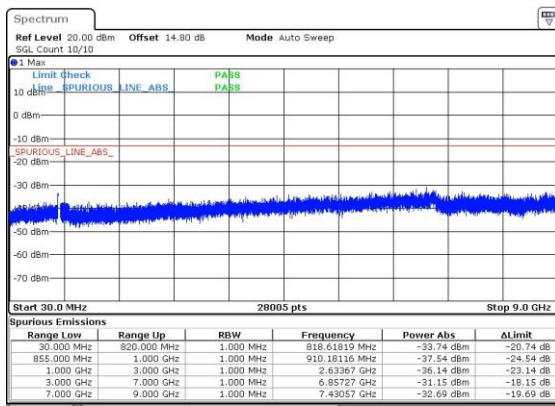




Conducted Spurious Emission

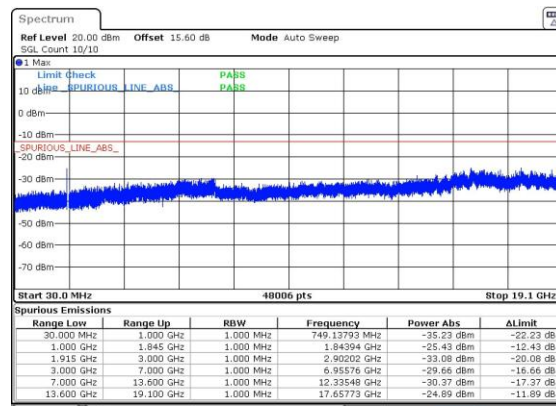
WCDMA Band V (RMC 12.2Kbps)

Lowest Channel

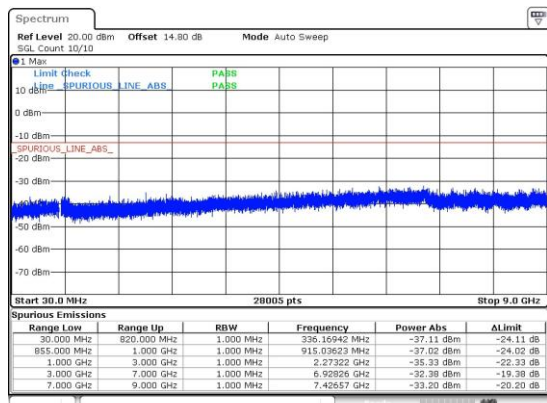


WCDMA Band II (RMC 12.2Kbps)

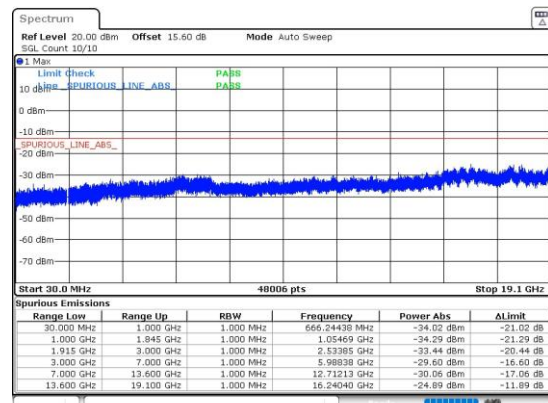
Lowest Channel



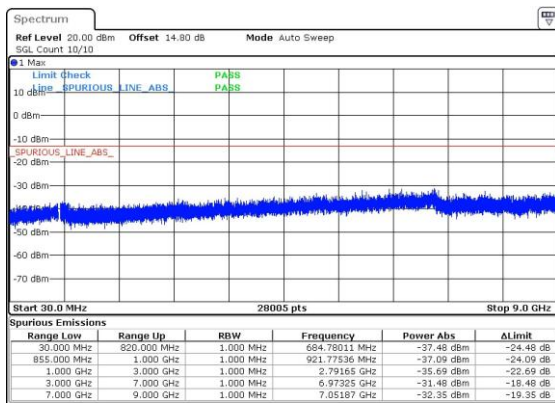
Middle Channel



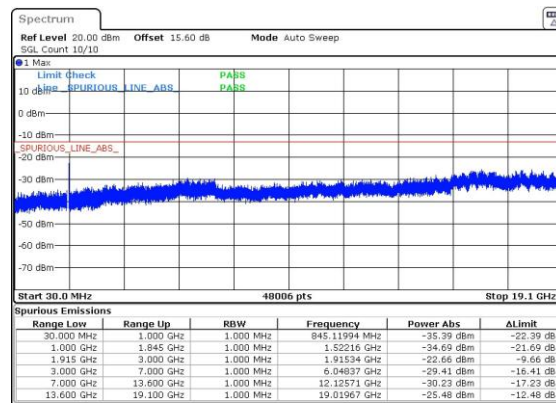
Middle Channel



Highest Channel



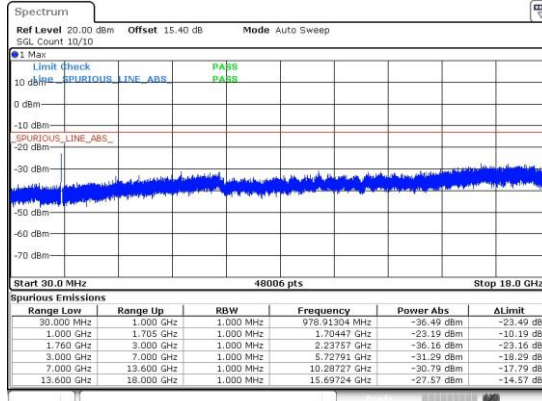
Highest Channel



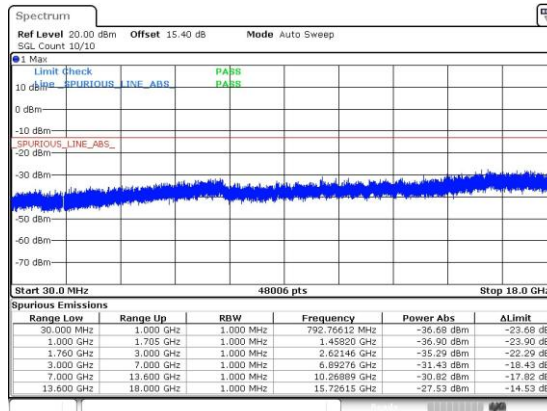


WCDMA Band IV (RMC 12.2Kbps)

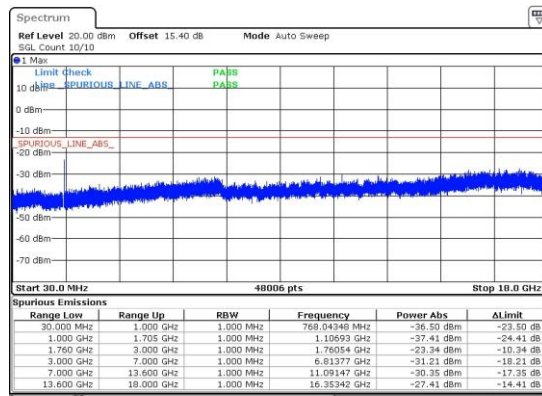
Lowest Channel



Middle Channel



Highest Channel



**Frequency Stability**

Test Conditions	Middle Channel	WCDMA Band V (RMC 12.2Kbps)	Limit 2.5ppm
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0052	PASS
40	Normal Voltage	0.0394	
30	Normal Voltage	0.0445	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0047	
0	Normal Voltage	0.0361	
-10	Normal Voltage	0.0079	
-20	Normal Voltage	0.0128	
-30	Normal Voltage	0.0463	
20	Maximum Voltage	0.0446	
20	Normal Voltage	0.0124	
20	Battery End Point	0.0008	

Test Conditions	Middle Channel	WCDMA Band II (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0126	PASS
40	Normal Voltage	0.0178	
30	Normal Voltage	0.0196	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0203	
0	Normal Voltage	0.0114	
-10	Normal Voltage	0.0294	
-20	Normal Voltage	0.0066	
-30	Normal Voltage	0.0128	
20	Maximum Voltage	0.0191	
20	Normal Voltage	0.0147	
20	Battery End Point	0.0011	



Test Conditions	Middle Channel	WCDMA Band IV (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0026	PASS
40	Normal Voltage	0.0179	
30	Normal Voltage	0.0058	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0024	
0	Normal Voltage	0.0049	
-10	Normal Voltage	0.0194	
-20	Normal Voltage	0.0174	
-30	Normal Voltage	0.0061	
20	Maximum Voltage	0.0025	
20	Normal Voltage	0.0031	
20	Battery End Point	0.0119	

Note:

1. Normal Voltage = 3.83V ; Battery End Point (BEP) =3.6V.; Maximum Voltage =4.3V
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 :	Jia Kuang	Temperature :	22~25°C
		Relative Humidity :	48~52%

Pre-scanned harmonic for the different antenna combinations, we choose the worst antenna mode to perform final test and record in the report.

GSM850 (GSM) / ANT 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1672.8	-56.98	-13	-43.98	-66.55	-60.23	4.00	9.40	H
	2509.2	-62.63	-13	-49.63	-76.42	-66.20	4.88	10.60	H
	3345.6	-63.36	-13	-50.36	-78.97	-68.29	5.52	12.60	H
	1672.8	-59.24	-13	-46.24	-68.26	-62.49	4.00	9.40	V
	2509.2	-64.03	-13	-51.03	-77.78	-67.60	4.88	10.60	V
	3345.6	-63.60	-13	-50.60	-78.94	-68.53	5.52	12.60	V

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

GSM850 (EDGE 1 Tx slots) / ANT 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1672.8	-63.34	-13	-50.34	-72.91	-66.59	4.00	9.40	H
	2509.2	-64.36	-13	-51.36	-78.15	-67.93	4.88	10.60	H
	3345.6	-63.43	-13	-50.43	-79.04	-68.36	5.52	12.60	H
	1672.8	-66.89	-13	-53.89	-75.91	-70.14	4.00	9.40	V
	2509.2	-64.35	-13	-51.35	-78.10	-67.92	4.88	10.60	V
	3345.6	-63.58	-13	-50.58	-78.92	-68.51	5.52	12.60	V

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

GSM1900 (GSM) / ANT 6									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3760	-52.22	-13	-39.22	-70.34	-58.97	5.85	12.60	H
	5640	-56.77	-13	-43.77	-79.63	-62.57	7.30	13.10	H
	7520	-53.66	-13	-40.66	-79.48	-56.81	8.35	11.50	H
	3760	-60.56	-13	-47.56	-78.61	-67.31	5.85	12.60	V
	5640	-57.82	-13	-44.82	-79.93	-63.62	7.30	13.10	V
	7520	-53.56	-13	-40.56	-79.36	-56.71	8.35	11.50	V

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



GSM1900 (EDGE 1 Tx slots) / ANT 6									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3760	-58.15	-13	-45.15	-76.27	-64.90	5.85	12.60	H
	5640	-57.25	-13	-44.25	-80.11	-63.05	7.30	13.10	H
	7520	-53.76	-13	-40.76	-79.58	-56.91	8.35	11.50	H
	3760	-60.69	-13	-47.69	-78.74	-67.44	5.85	12.60	V
	5640	-58.24	-13	-45.24	-80.35	-64.04	7.30	13.10	V
	7520	-53.82	-13	-40.82	-79.62	-56.97	8.35	11.50	V

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

WCDMA Band V(RMC 12.2Kbps) / ANT 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1672.8	-66.79	-13	-53.79	-76.36	-70.04	4.00	9.40	H
	2509.2	-64.34	-13	-51.34	-78.13	-67.91	4.88	10.60	H
	3345.6	-63.31	-13	-50.31	-78.92	-68.24	5.52	12.60	H
	1672.8	-67.14	-13	-54.14	-76.16	-70.39	4.00	9.40	V
	2509.2	-64.21	-13	-51.21	-77.96	-67.78	4.88	10.60	V
	3345.6	-63.10	-13	-50.10	-78.44	-68.03	5.52	12.60	V

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

WCDMA Band II(RMC 12.2Kbps) / ANT 6									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3760	-60.85	-13	-47.85	-78.97	-67.60	5.85	12.60	H
	5640	-57.74	-13	-44.74	-80.60	-63.54	7.30	13.10	H
	7520	-54.30	-13	-41.30	-80.12	-57.45	8.35	11.50	H
	3760	-60.78	-13	-47.78	-78.83	-67.53	5.85	12.60	V
	5640	-58.20	-13	-45.20	-80.31	-64.00	7.30	13.10	V
	7520	-54.48	-13	-41.48	-80.28	-57.63	8.35	11.50	V

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

WCDMA Band IV(RMC 12.2Kbps) / ANT 6									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3465.2	-62.69	-13	-49.69	-79.36	-69.54	5.65	12.50	H
	5197.8	-58.71	-13	-45.71	-80.25	-64.38	7.13	12.80	H
	6930.4	-54.57	-13	-41.57	-79.91	-57.97	8.40	11.80	H
	3465.2	-62.65	-13	-49.65	-79.34	-69.50	5.65	12.50	V
	5197.8	-58.34	-13	-45.34	-80.19	-64.01	7.13	12.80	V
	6930.4	-54.51	-13	-41.51	-80.32	-57.91	8.40	11.80	V

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