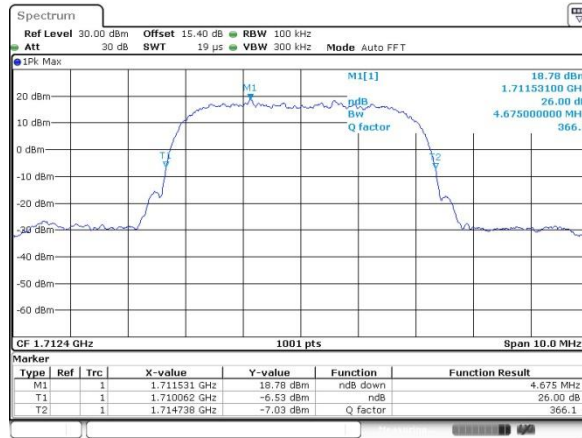


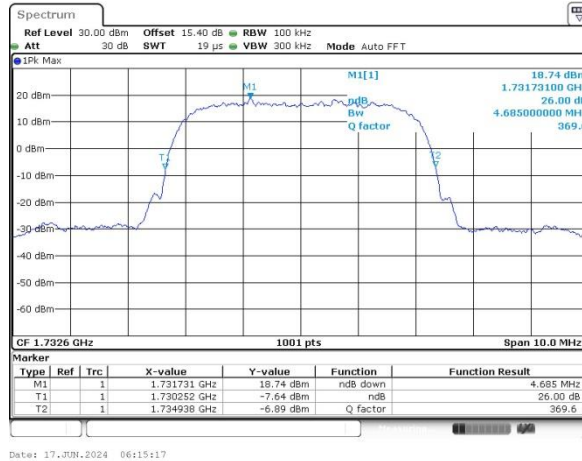


WCDMA Band IV (RMC 12.2Kbps)

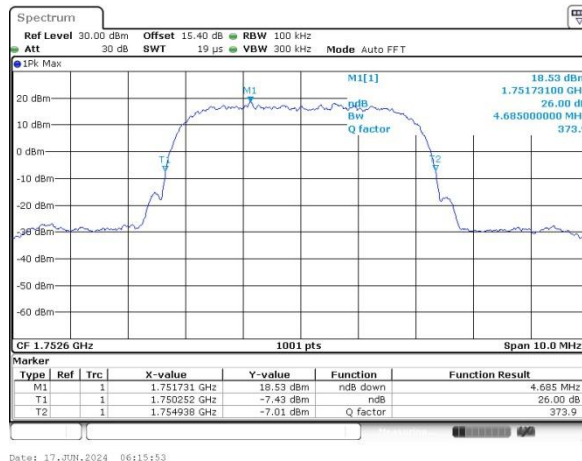
Lowest Channel



Middle Channel



Highest Channel





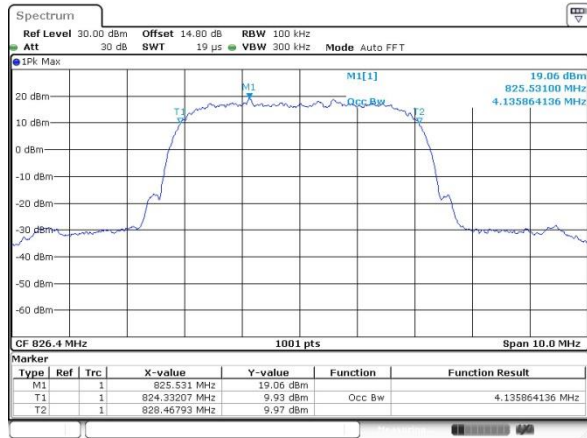
Occupied Bandwidth

Mode	WCDMA Band V	WCDMA Band II	WCDMA Band IV
Mod.	RMC 12.2Kbps	RMC 12.2Kbps	RMC 12.2Kbps
Lowest CH	4.136	4.146	4.136
Middle CH	4.146	4.146	4.136
Highest CH	4.136	4.136	4.136



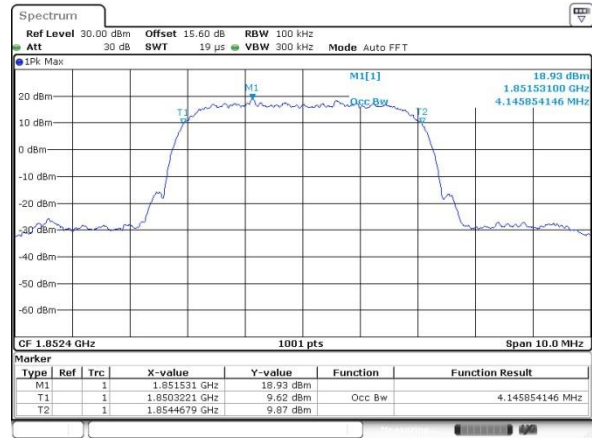
WCDMA Band V (RMC 12.2Kbps)

Lowest Channel

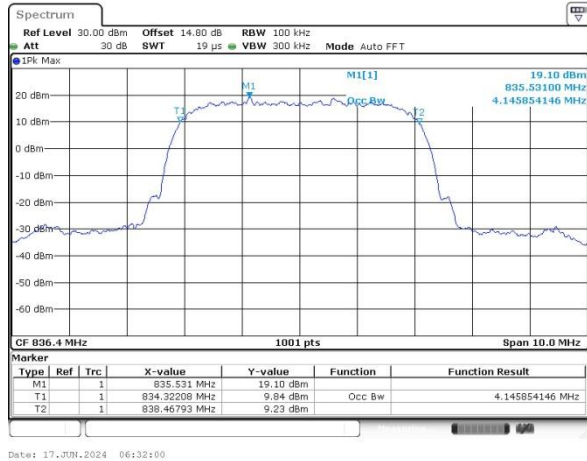


WCDMA Band II (RMC 12.2Kbps)

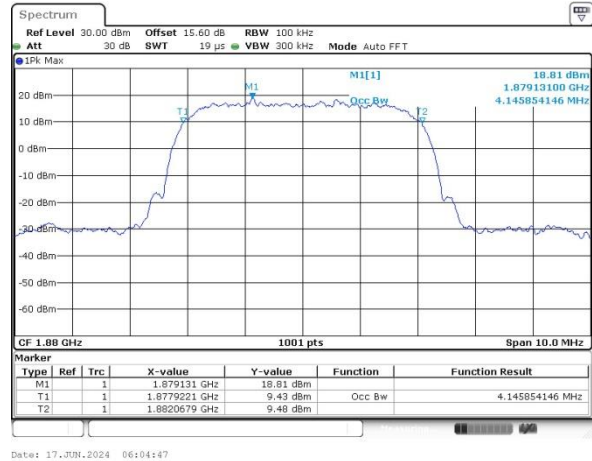
Lowest Channel



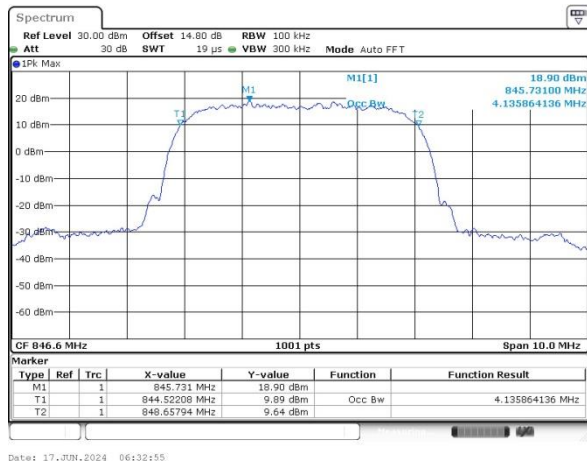
Middle Channel



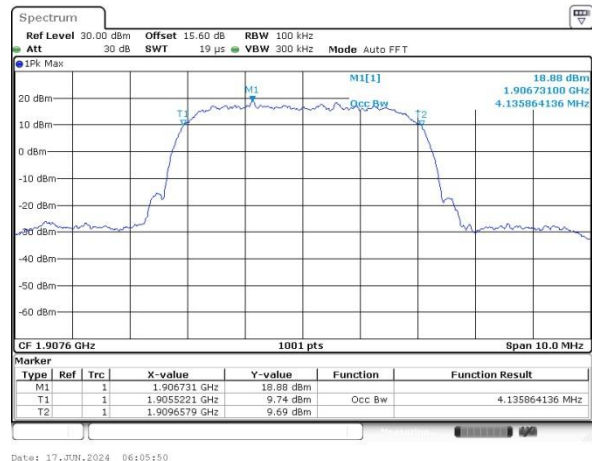
Middle Channel



Highest Channel



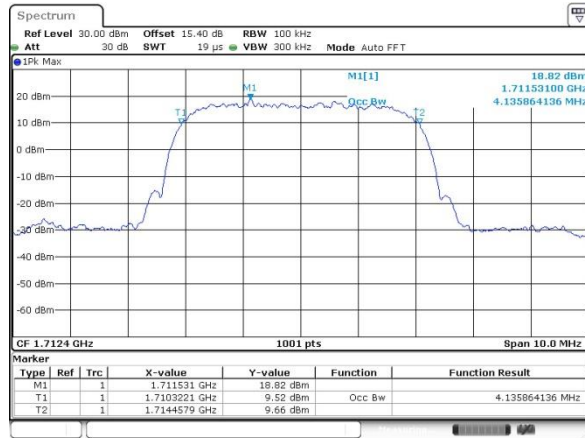
Highest Channel



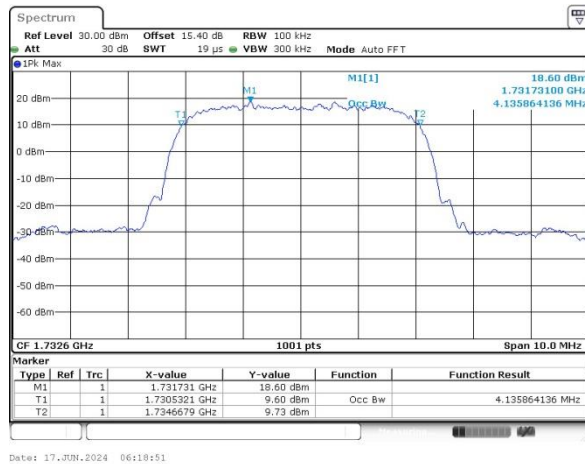


WCDMA Band IV (RMC 12.2Kbps)

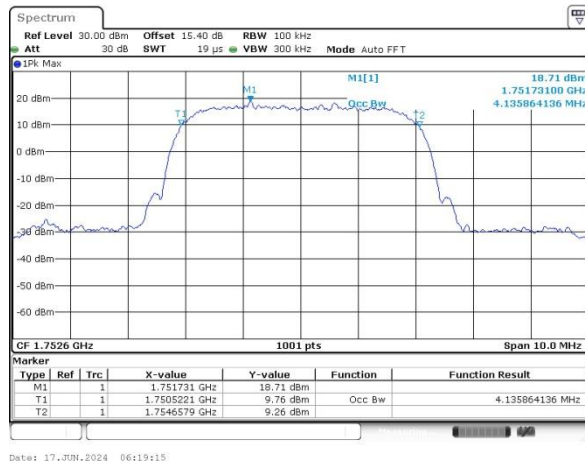
Lowest Channel



Middle Channel



Highest Channel

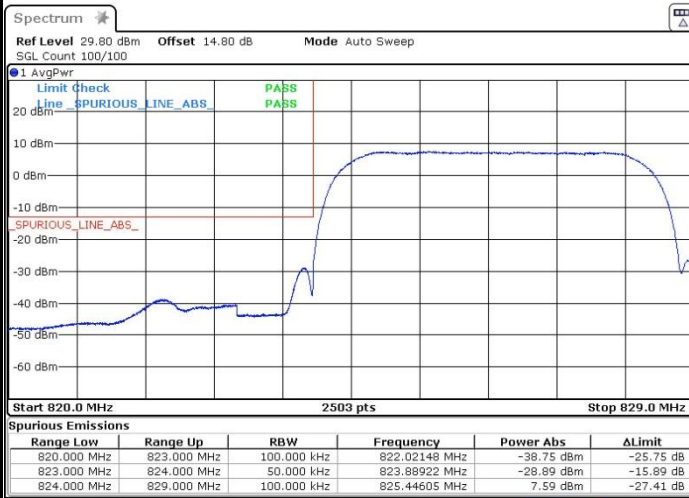




Conducted Band Edge

WCDMA Band V (RMC 12.2Kbps)

Lowest Band Edge



Highest Band Edge

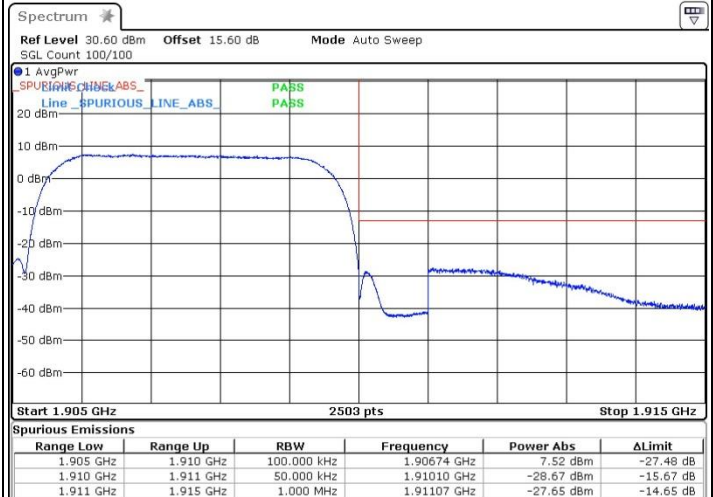


WCDMA Band II (RMC 12.2Kbps)

Lowest Band Edge



Highest Band Edge

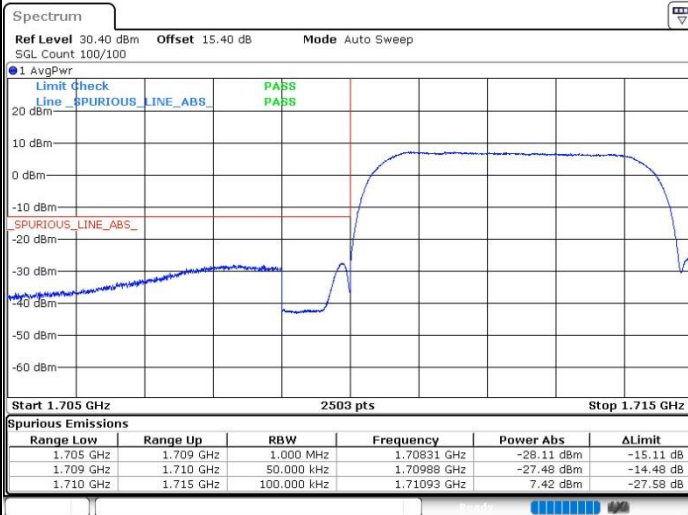




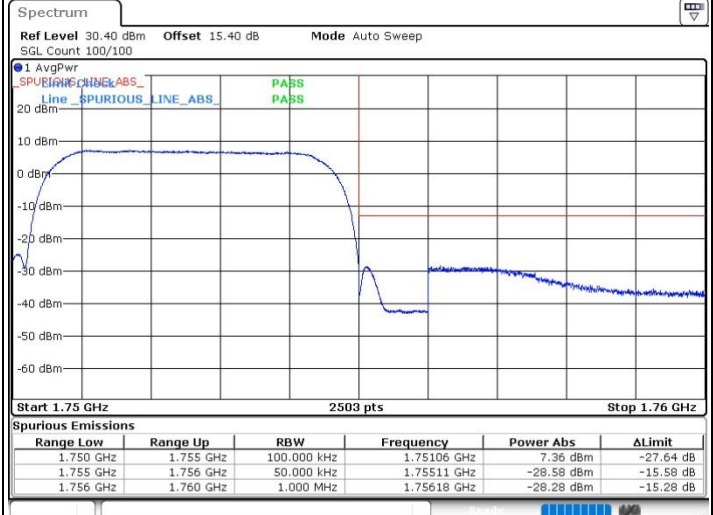
WCDMA Band IV (RMC 12.2Kbps)

Lowest Band Edge

Highest Band Edge



Date: 17.JUN.2024 06:20:34



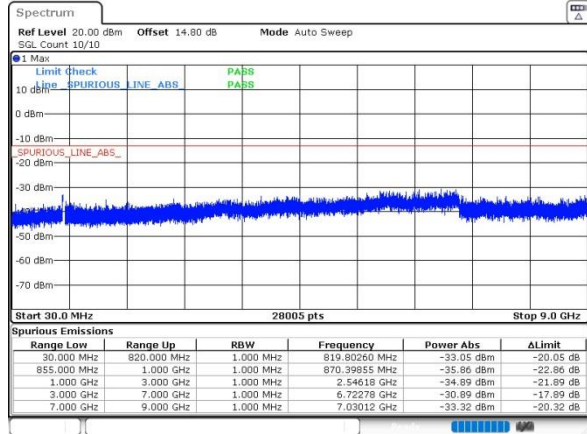
Date: 17.JUN.2024 06:21:19



Conducted Spurious Emission

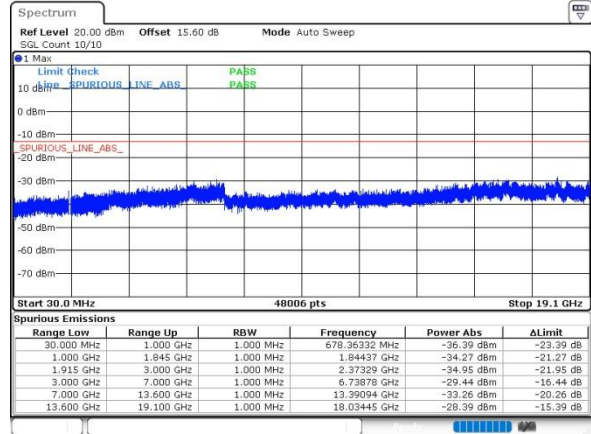
WCDMA Band V (RMC 12.2Kbps)

Lowest Channel

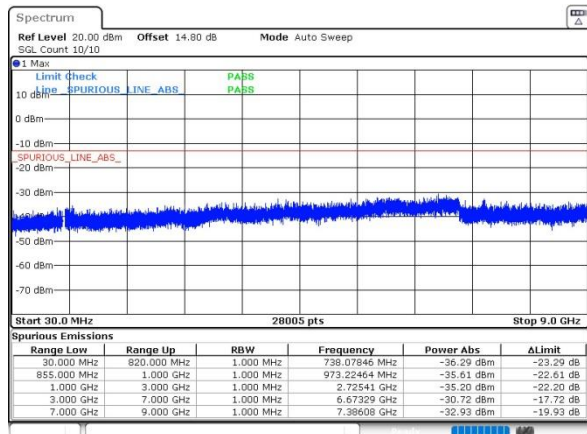


WCDMA Band II (RMC 12.2Kbps)

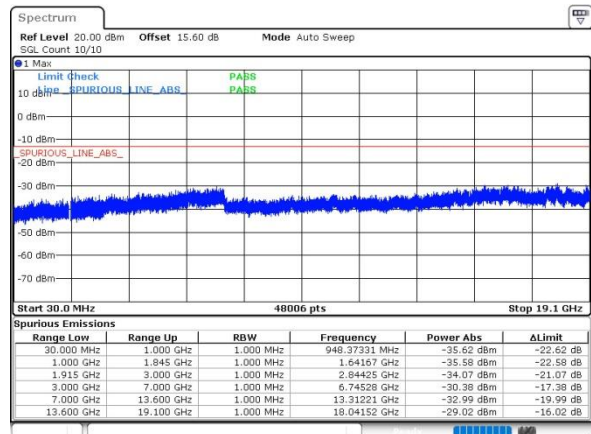
Lowest Channel



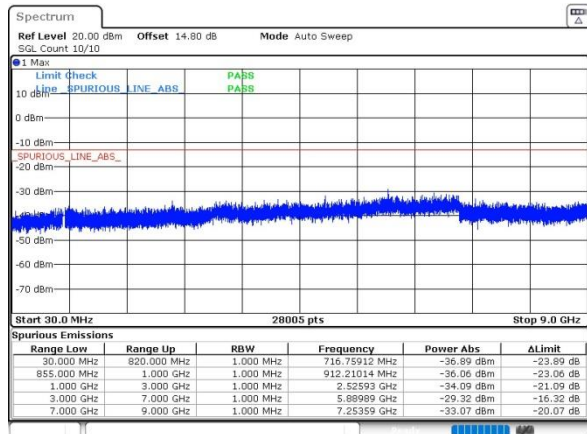
Middle Channel



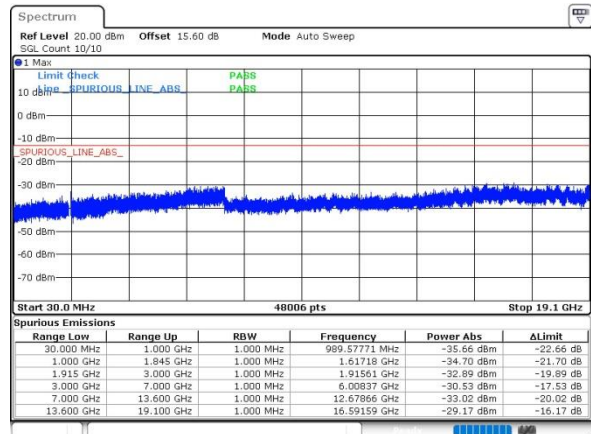
Middle Channel



Highest Channel



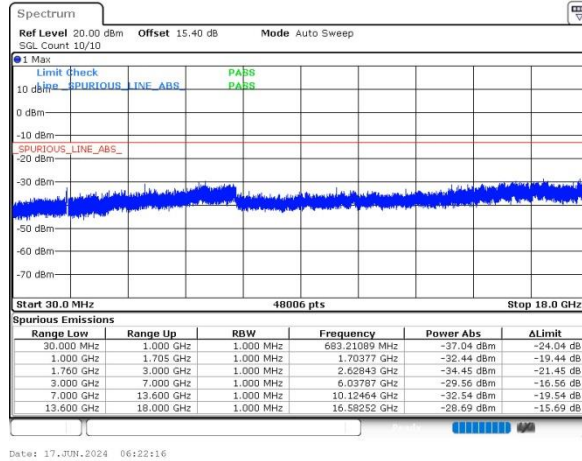
Highest Channel



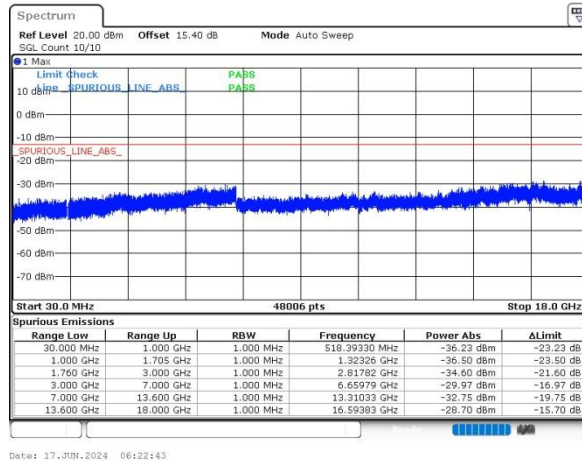


WCDMA Band IV (RMC 12.2Kbps)

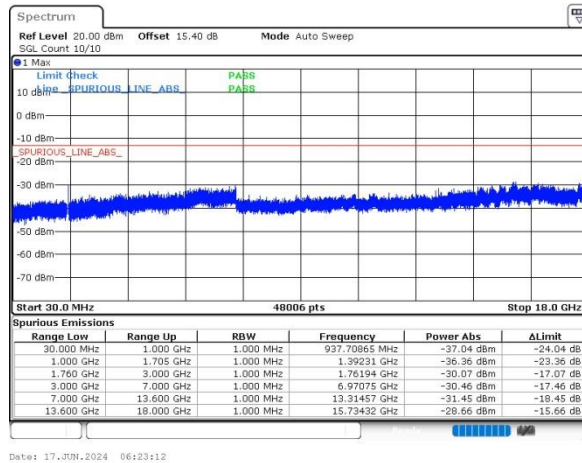
Lowest Channel



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	0.0143	PASS
40	Normal Voltage	0.0156	
30	Normal Voltage	0.0224	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0154	
0	Normal Voltage	0.0211	
-10	Normal Voltage	0.0169	
-20	Normal Voltage	0.0117	
-30	Normal Voltage	0.0215	
20	Maximum Voltage	0.0154	
20	Normal Voltage	0.0142	
20	Battery End Point	0.0214	

Test Conditions	Middle Channel	WCDMA Band II (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0156	PASS
40	Normal Voltage	0.0241	
30	Normal Voltage	0.0272	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0347	
0	Normal Voltage	0.0124	
-10	Normal Voltage	0.0219	
-20	Normal Voltage	0.0165	
-30	Normal Voltage	0.0171	
20	Maximum Voltage	0.0146	
20	Normal Voltage	0.0119	
20	Battery End Point	0.0247	



Test Conditions	Middle Channel	WCDMA Band IV (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0143	PASS
40	Normal Voltage	0.0272	
30	Normal Voltage	0.0156	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0141	
0	Normal Voltage	0.0215	
-10	Normal Voltage	0.0117	
-20	Normal Voltage	0.0162	
-30	Normal Voltage	0.0235	
20	Maximum Voltage	0.0172	
20	Normal Voltage	0.0147	
20	Battery End Point	0.0271	

Note:

1. Normal Voltage = 3.91V ; Battery End Point (BEP) =3.6V. ; Maximum Voltage =4.5V
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 :	Bruce	Temperature :	23~25°C
		Relative Humidity :	41~42%

Note: Pre-scanned harmonic for the different antennas, we choose the worst antenna mode to test.

GSM850 (GSM) / Ant.0								
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	1672	-64.33	-13	-51.33	-71.30	1.58	10.70	H
	2512	-60.94	-13	-47.94	-69.19	2.102	12.50	H
	3344	-61.16	-13	-48.16	-70.05	2.856	13.90	H
	1672	-56.07	-13	-43.07	-63.04	1.58	10.70	V
	2512	-59.66	-13	-46.66	-67.91	2.10	12.50	V
	3344	-60.93	-13	-47.93	-69.82	2.86	13.90	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)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1672	-64.67	-13	-51.67	-71.64	1.58	10.70	H
	2512	-61.26	-13	-48.26	-69.51	2.102	12.50	H
	3344	-61.33	-13	-48.33	-70.22	2.856	13.90	H
	1672	-56.79	-13	-43.79	-63.76	1.58	10.70	V
	2512	-60.17	-13	-47.17	-68.42	2.10	12.50	V
	3344	-61.33	-13	-48.33	-70.22	2.86	13.90	V

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

GSM1900 (GSM) / Ant.1								
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	3765	-55.58	-13	-42.58	-67.84	2.64	14.90	H
	5640	-48.35	-13	-35.35	-60.21	2.94	14.80	H
	7515	-54.46	-13	-41.46	-64.23	3.39	13.16	H
	3765	-55.51	-13	-42.51	-67.77	2.64	14.90	V
	5640	-51.46	-13	-38.46	-63.32	2.94	14.80	V
	7515	-54.28	-13	-41.28	-64.05	3.39	13.16	V

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



GSM1900 (EDGE 1 Tx slots) / Ant.1								
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	3765	-56.40	-13	-43.40	-68.66	2.64	14.90	H
	5640	-55.81	-13	-42.81	-67.67	2.94	14.80	H
	7515	-54.49	-13	-41.49	-64.26	3.39	13.16	H
	3765	-56.26	-13	-43.26	-68.52	2.64	14.90	V
	5640	-55.69	-13	-42.69	-67.55	2.94	14.80	V
	7515	-54.71	-13	-41.71	-64.48	3.39	13.16	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)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1672	-64.76	-13	-51.76	-71.73	1.58	10.70	H
	2512	-61.07	-13	-48.07	-69.32	2.102	12.50	H
	3344	-61.20	-13	-48.20	-70.09	2.856	13.90	H
	1672	-63.92	-13	-50.92	-70.89	1.58	10.70	V
	2512	-60.48	-13	-47.48	-68.73	2.10	12.50	V
	3344	-60.48	-13	-47.48	-69.37	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) / Ant.1								
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	3765	-56.62	-13	-43.62	-68.88	2.64	14.90	H
	5640	-55.34	-13	-42.34	-67.20	2.94	14.80	H
	7515	-54.28	-13	-41.28	-64.05	3.39	13.16	H
	3765	-56.43	-13	-43.43	-68.69	2.64	14.90	V
	5640	-56.05	-13	-43.05	-67.91	2.94	14.80	V
	7515	-54.43	-13	-41.43	-64.20	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) / Ant.1								
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	3465	-57.81	-13	-44.81	-68.55	2.604	13.34	H
	5205	-55.20	-13	-42.20	-65.71	3.011	13.52	H
	6930	-55.90	-13	-42.90	-66.10	3.271	13.47	H
	3465	-58.11	-13	-45.11	-68.85	2.604	13.34	V
	5205	-55.44	-13	-42.44	-65.95	3.011	13.52	V
	6930	-55.68	-13	-42.68	-65.88	3.271	13.47	V

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