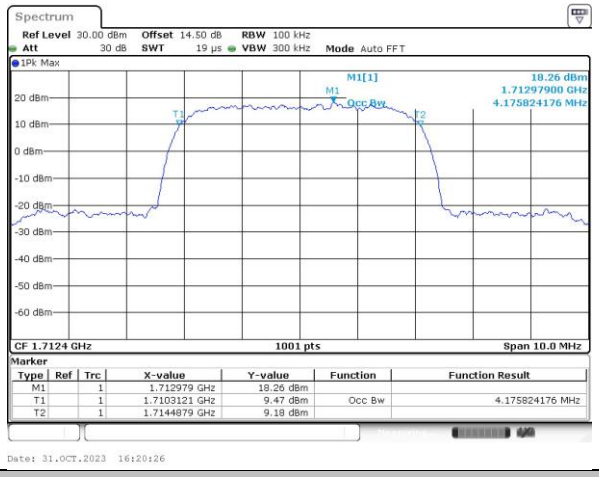
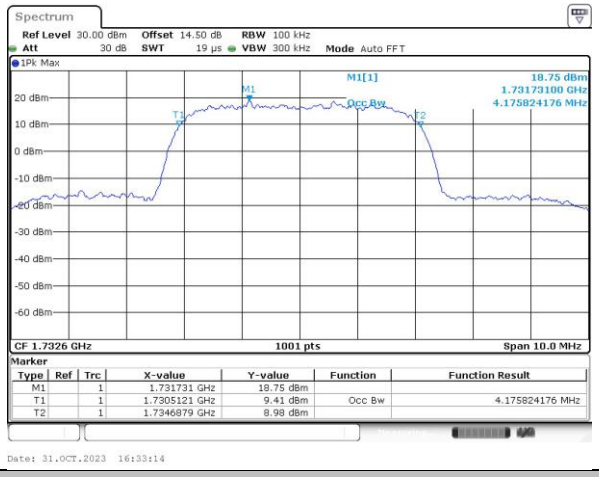
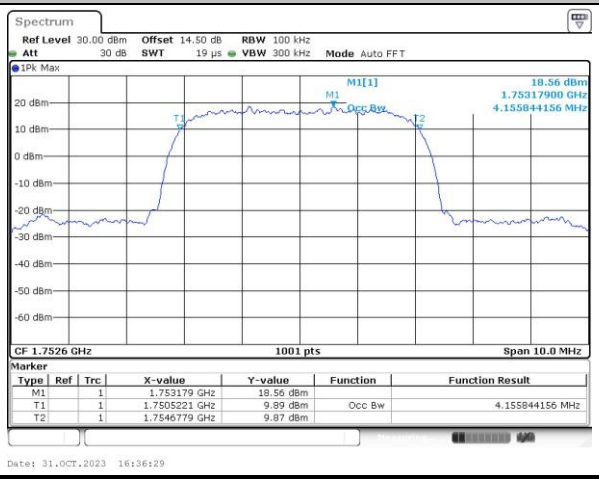
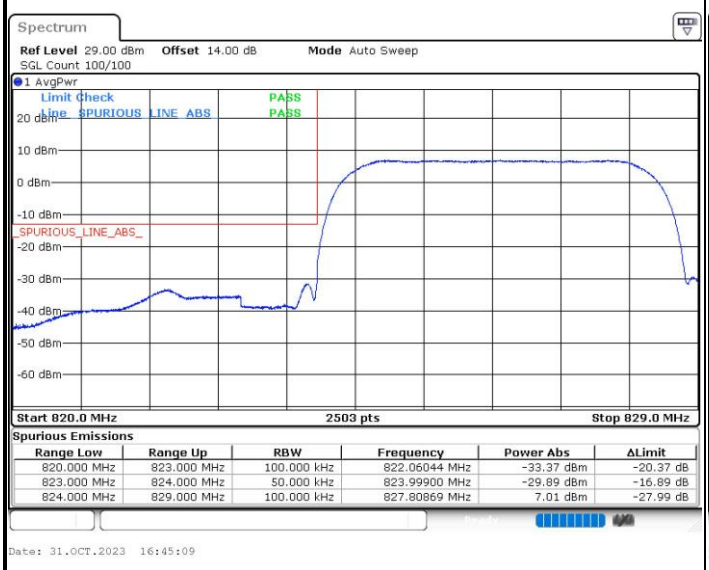
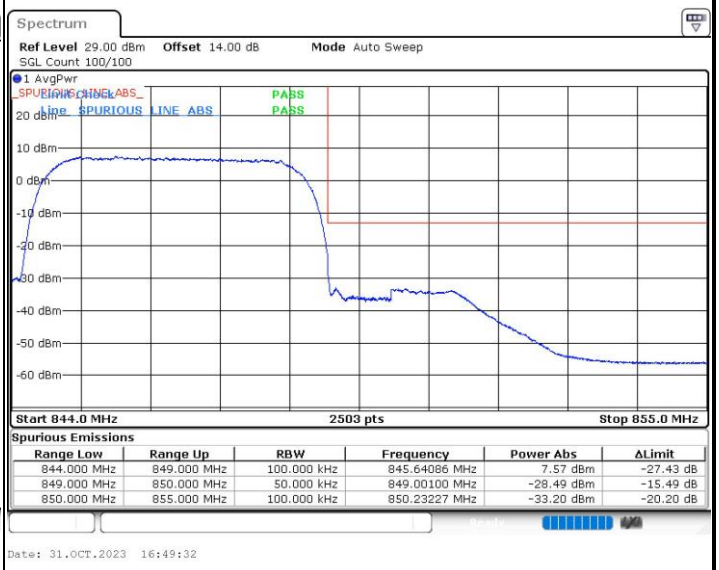
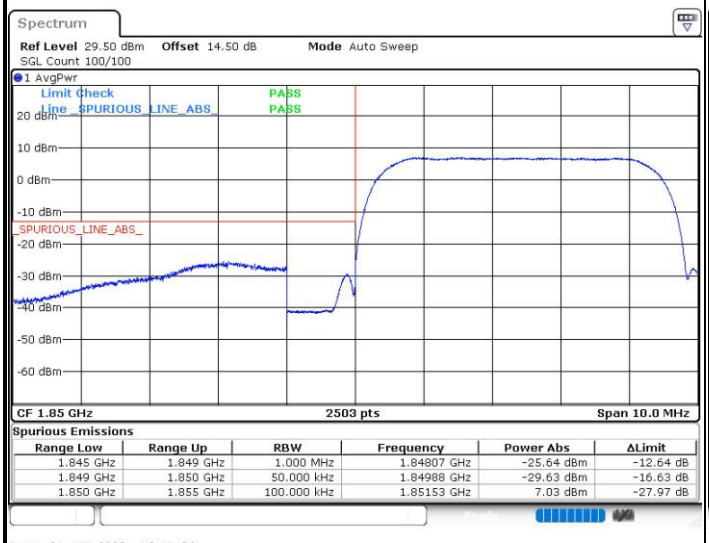
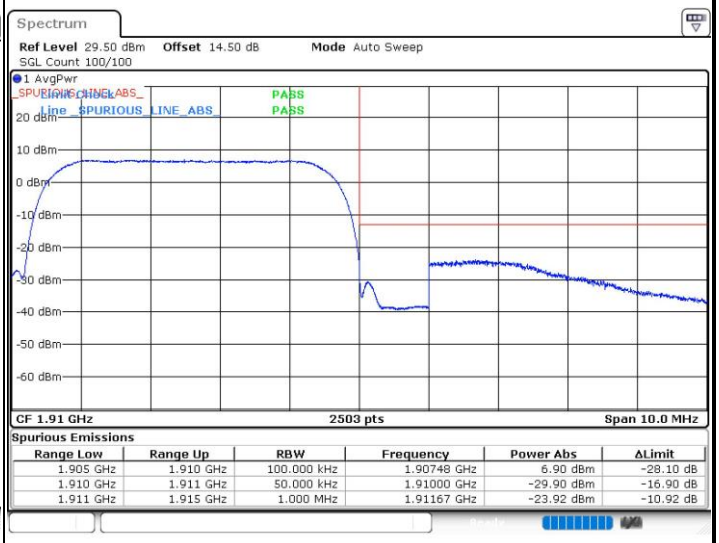
WCDMA Band IV (RMC 12.2Kbps)	
Lowest Channel	
	
Middle Channel	
	
Highest Channel	
	

Conducted Band Edge

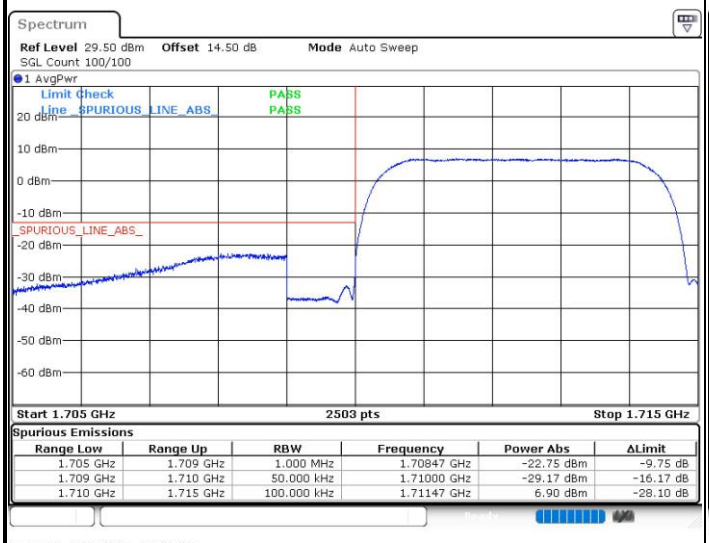
WCDMA Band V (RMC 12.2Kbps)	
Lowest Band Edge	**Highest Band Edge**
	

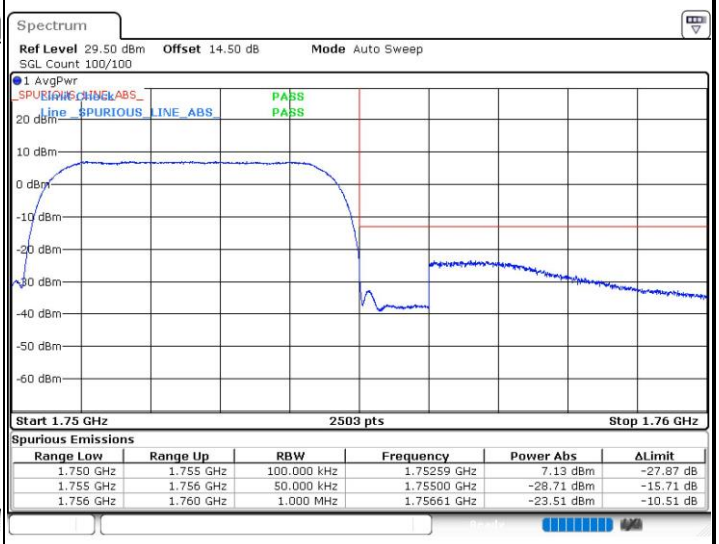
WCDMA Band II (RMC 12.2Kbps)	
Lowest Band Edge	**Highest Band Edge**





WCDMA Band IV (RMC 12.2Kbps)	
Lowest Band Edge	**Highest Band Edge**

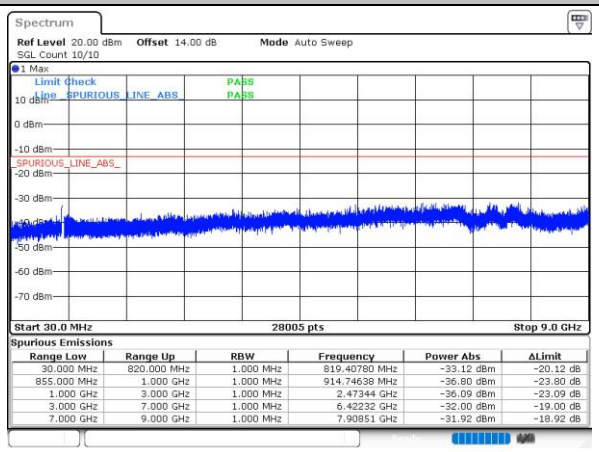




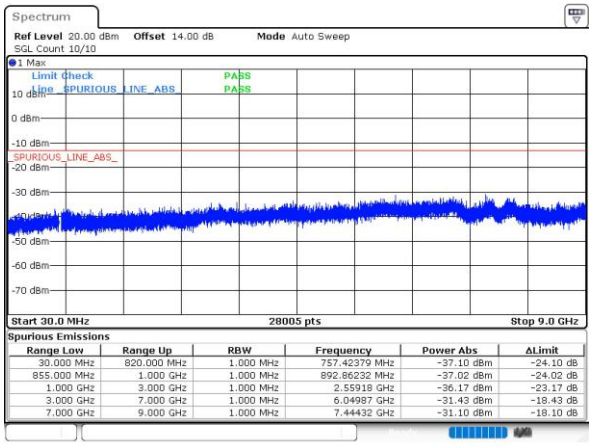
Conducted Spurious Emission

WCDMA Band V (RMC 12.2Kbps)

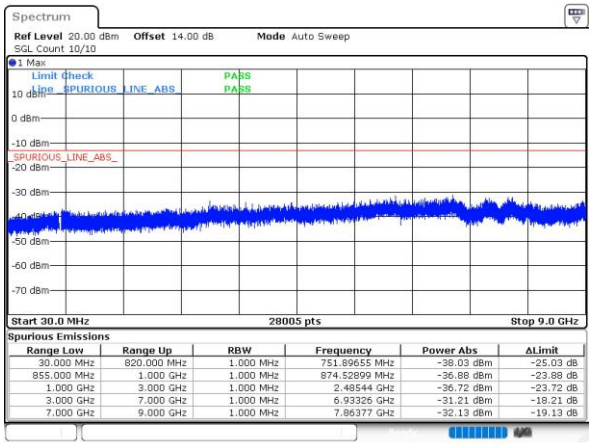
Lowest Channel



Middle Channel

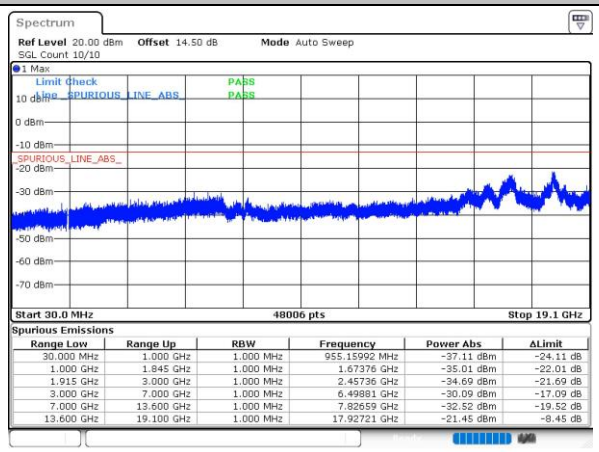


Highest Channel

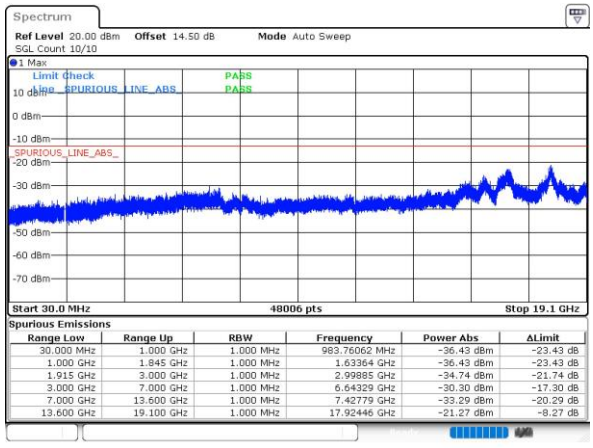


WCDMA Band II (RMC 12.2Kbps)

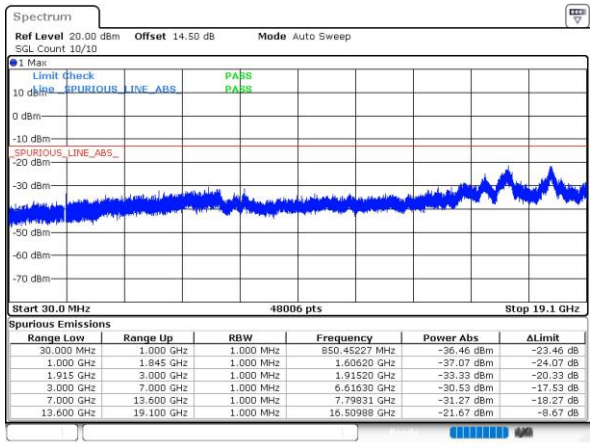
Lowest Channel

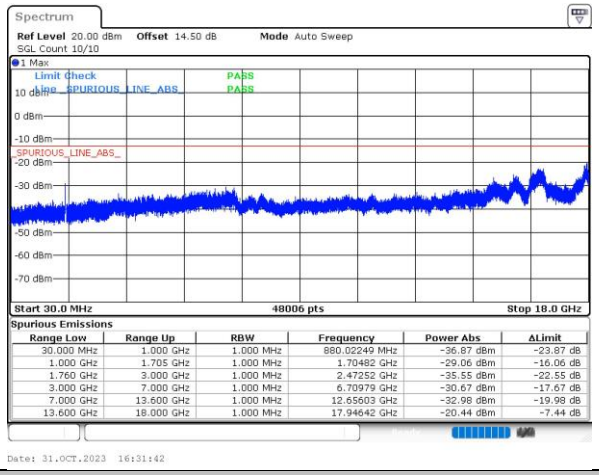
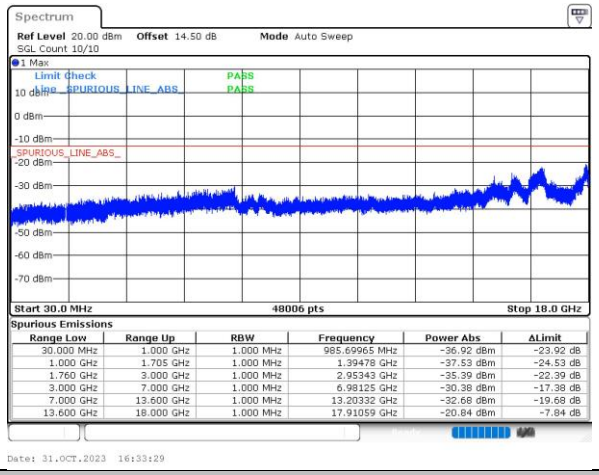
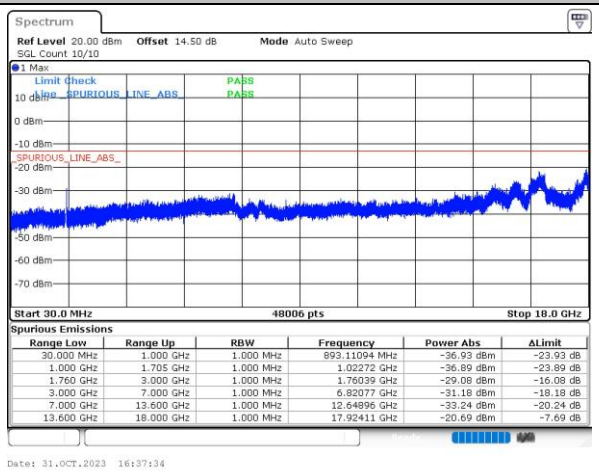


Middle Channel



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	0.0065	PASS
40	Normal Voltage	0.0073	
30	Normal Voltage	0.0013	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0008	
-10	Normal Voltage	0.0072	
-20	Normal Voltage	0.0018	
-30	Normal Voltage	0.0022	
20	Maximum Voltage	0.0002	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0011	

Test Conditions	Middle Channel	WCDMA Band II (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0003	PASS
40	Normal Voltage	0.0005	
30	Normal Voltage	0.0013	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0013	
0	Normal Voltage	0.0004	
-10	Normal Voltage	0.0001	
-20	Normal Voltage	0.0009	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0010	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0005	

Note:

1. Normal Voltage = 3.85V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage =4.4 V
2. The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.

Test Conditions	Middle Channel	WCDMA Band IV (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0002	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0009	
0	Normal Voltage	0.0018	
-10	Normal Voltage	0.0003	
-20	Normal Voltage	0.0006	
-30	Normal Voltage	0.0016	
20	Maximum Voltage	0.0015	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0002	

Note:

1. Normal Voltage = 3.85V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage =4.4 V

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 :	Shiwei Wen	Temperature :	22~25℃
		Relative Humidity :	48~52%

GSM850 (GSM)									
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	-38.97	-13	-25.97	-51.23	-42.22	4.00	9.40	H
	2509.2	-49.83	-13	-36.83	-69.33	-53.40	4.88	10.60	H
	3345.6	-57.99	-13	-44.99	-79.33	-62.92	5.52	12.60	H
	4182	-55.92	-13	-42.92	-77.70	-60.39	6.00	12.62	H
	1672.8	-41.77	-13	-28.77	-54.74	-45.02	4.00	9.40	V
	2509.2	-49.08	-13	-36.08	-68.79	-52.65	4.88	10.60	V
	3345.6	-57.68	-13	-44.68	-79.32	-62.61	5.52	12.60	V
	4182	-54.92	-13	-41.92	-79.23	-59.39	6.00	12.62	V

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

GSM850 (EDGE 1 Tx slots)									
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	-38.44	-13	-25.44	-50.70	-41.69	4.00	9.40	H
	2509.2	-50.57	-13	-37.57	-70.07	-54.14	4.88	10.60	H
	3345.6	-58.17	-13	-45.17	-79.51	-63.10	5.52	12.60	H
	1672.8	-41.66	-13	-28.66	-54.63	-44.91	4.00	9.40	V
	2509.2	-48.15	-13	-35.15	-67.86	-51.72	4.88	10.60	V
	3345.6	-56.72	-13	-43.72	-78.36	-61.65	5.52	12.60	V

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

GSM1900 (GSM)									
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	-56.23	-13	-43.23	-78.72	-62.98	5.85	12.60	H
	5640	-56.85	-13	-43.85	-81.25	-62.65	7.30	13.10	H
	7520	-54.99	-13	-41.99	-81.87	-58.14	8.35	11.50	H
	9400	-54.57	-13	-41.57	-83.13	-56.72	9.85	12.00	H
	11280	-50.20	-13	-37.20	-83.09	-51.10	10.90	11.80	H
	13160	-44.65	-13	-31.65	-78.69	-46.17	11.98	13.50	H
	3760	-55.18	-13	-42.18	-80.83	-61.93	5.85	12.60	V
	5640	-56.78	-13	-43.78	-81.33	-62.58	7.30	13.10	V
	7520	-55.38	-13	-42.38	-82.24	-58.53	8.35	11.50	V
	9400	-53.26	-13	-40.26	-83.19	-55.41	9.85	12.00	V
	11280	-47.19	-13	-34.19	-83.18	-48.09	10.90	11.80	V
	13160	-49.15	-13	-36.15	-81.23	-50.67	11.98	13.50	V

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

GSM1900 (EDGE 1 Tx slots)									
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	-57.22	-13	-44.22	-79.71	-63.97	5.85	12.60	H
	5640	-57.14	-13	-44.14	-81.54	-62.94	7.30	13.10	H
	7520	-55.21	-13	-42.21	-82.09	-58.36	8.35	11.50	H
	3760	-52.17	-13	-39.17	-77.82	-58.92	5.85	12.60	V
	5640	-57.03	-13	-44.03	-81.58	-62.83	7.30	13.10	V
	7520	-54.98	-13	-41.98	-81.84	-58.13	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)									
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	-64.11	-13	-51.11	-76.37	-67.36	4.00	9.40	H
	2509.2	-58.86	-13	-45.86	-78.36	-62.43	4.88	10.60	H
	3345.6	-57.92	-13	-44.92	-79.26	-62.85	5.52	12.60	H
	1672.8	-62.06	-13	-49.06	-75.03	-65.31	4.00	9.40	V
	2509.2	-57.49	-13	-44.49	-77.20	-61.06	4.88	10.60	V
	3345.6	-57.24	-13	-44.24	-78.88	-62.17	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)									
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	-57.07	-13	-44.07	-79.56	-63.82	5.85	12.60	H
	5640	-57.02	-13	-44.02	-81.42	-62.82	7.30	13.10	H
	7520	-54.92	-13	-41.92	-81.80	-58.07	8.35	11.50	H
	3760	-54.21	-13	-41.21	-79.86	-60.96	5.85	12.60	V
	5640	-56.68	-13	-43.68	-81.23	-62.48	7.30	13.10	V
	7520	-55.28	-13	-42.28	-82.14	-58.43	8.35	11.50	V

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