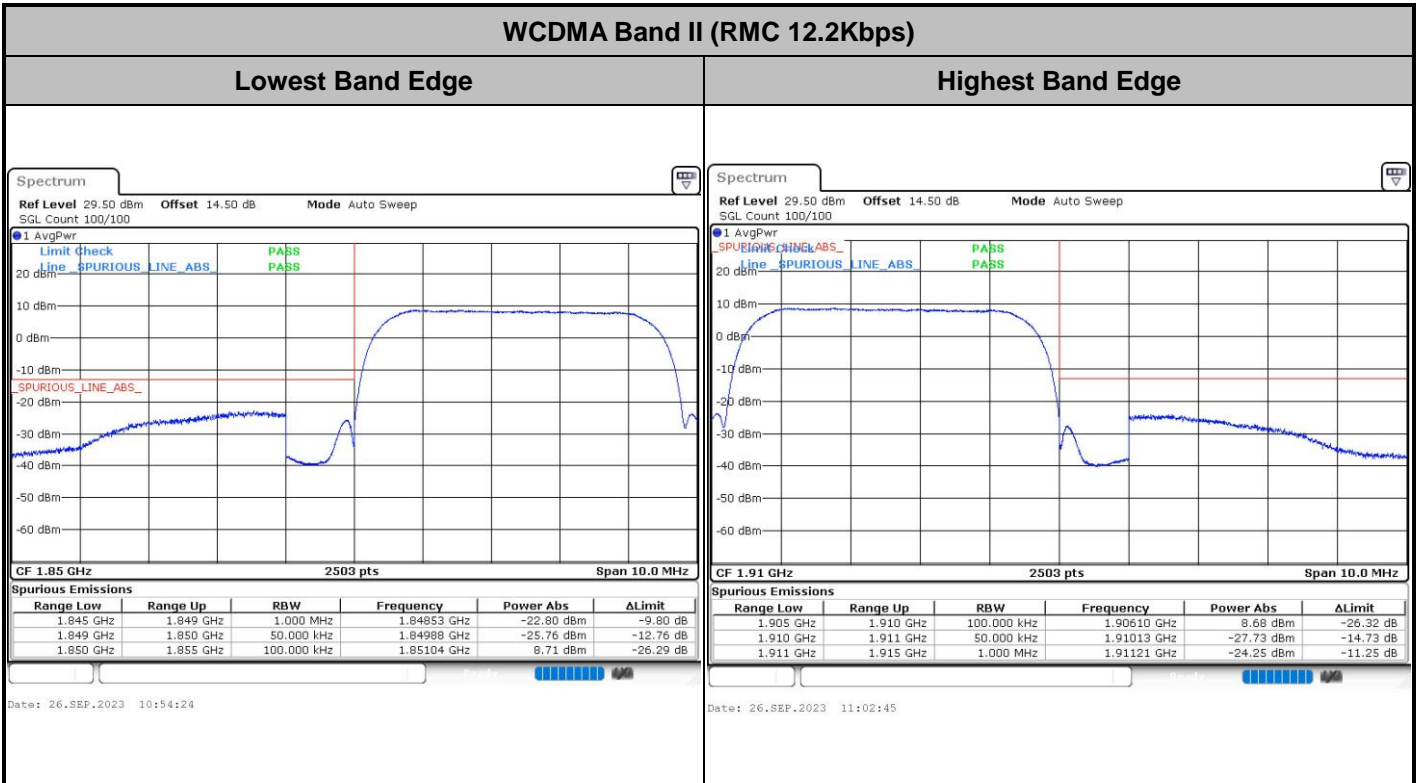
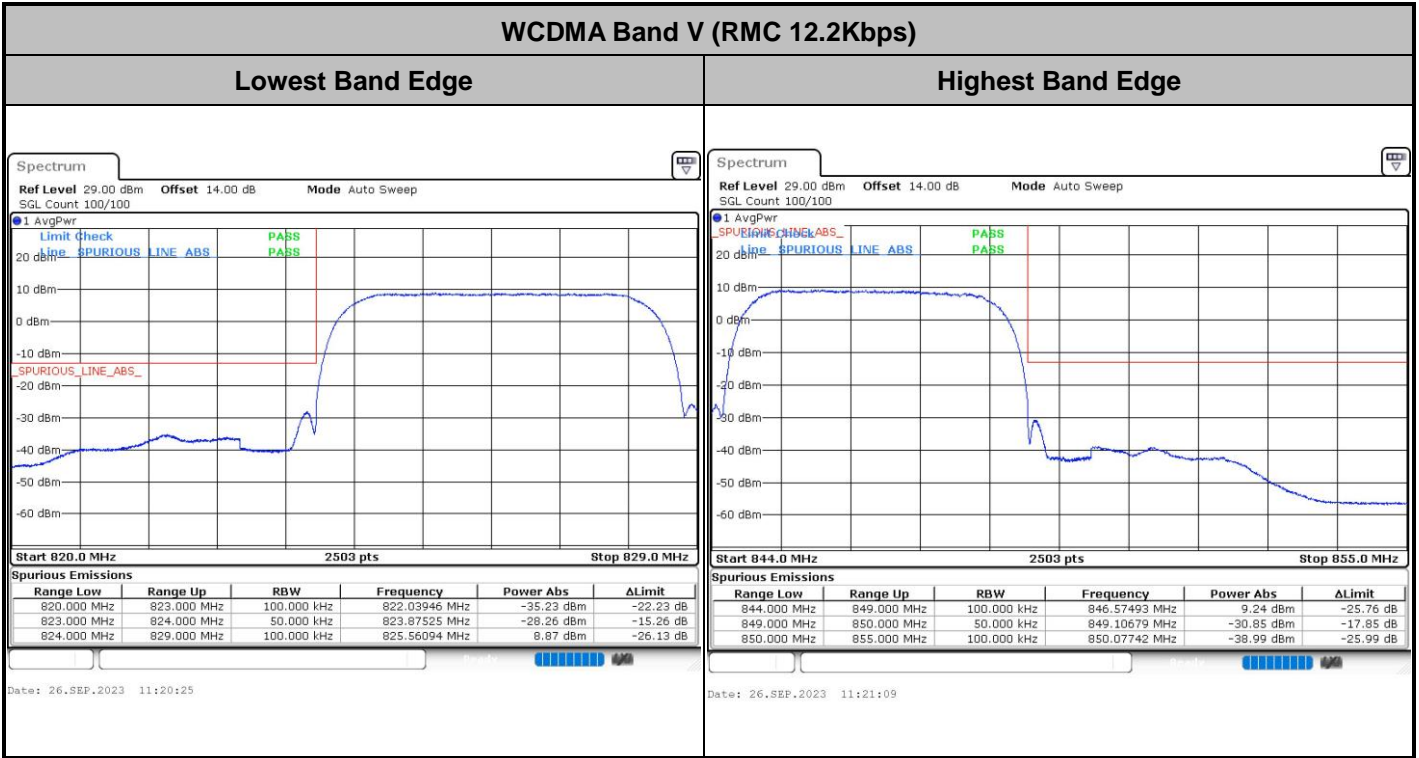
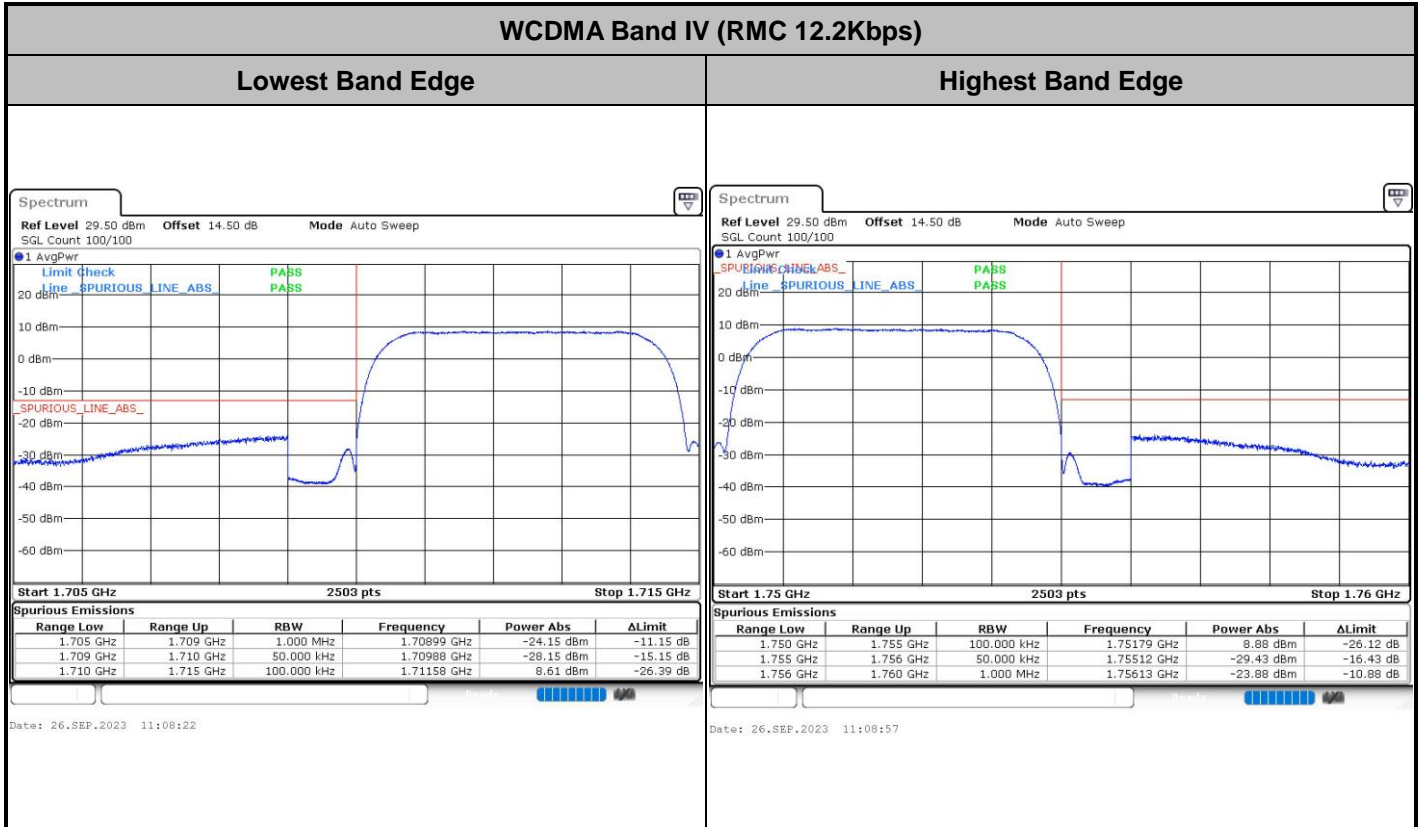




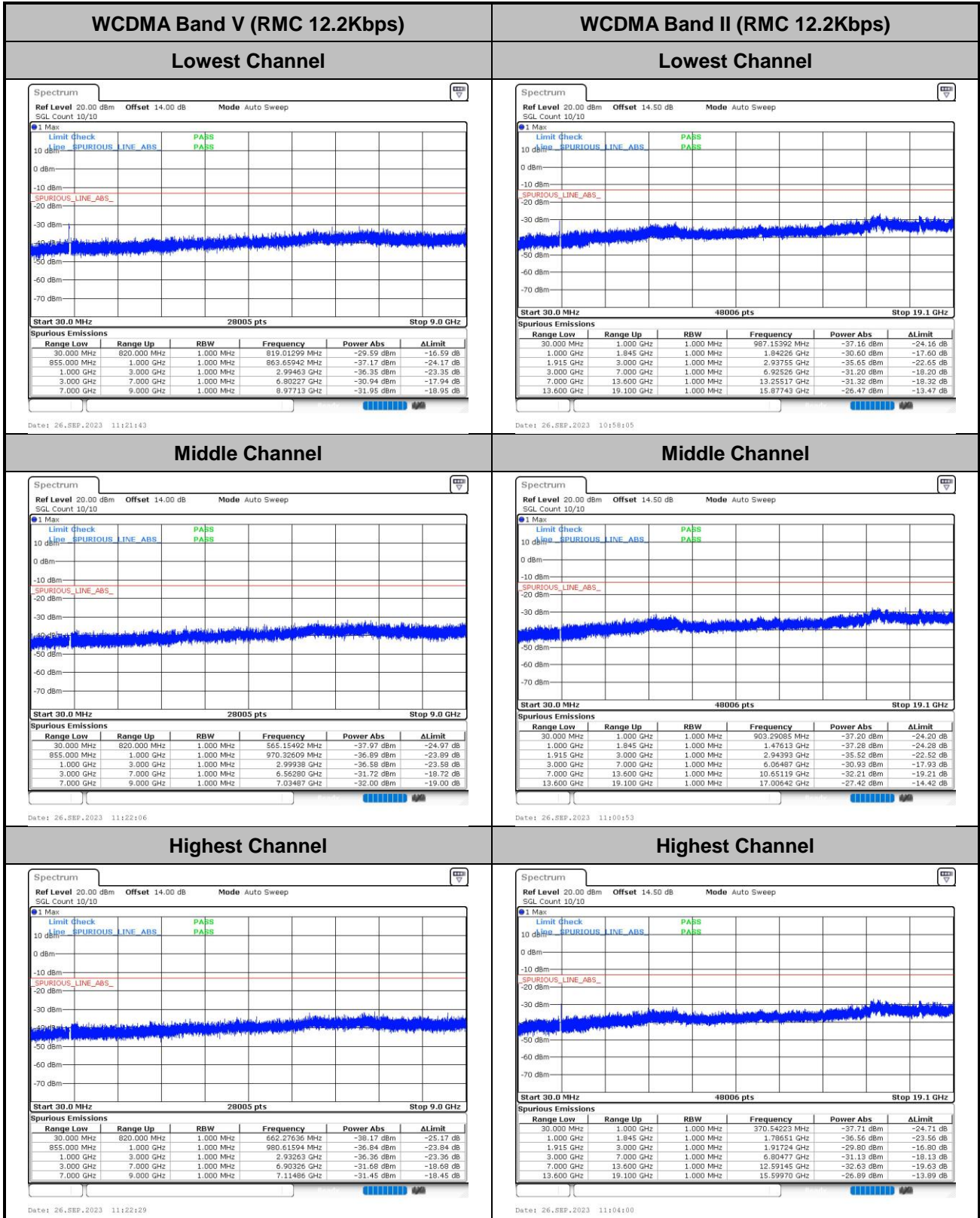
# Conducted Band Edge







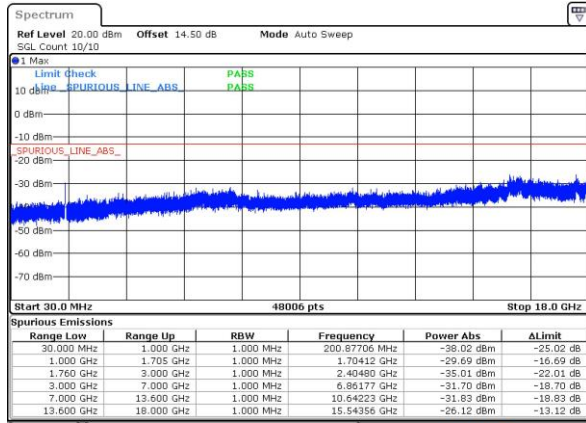
# Conducted Spurious Emission





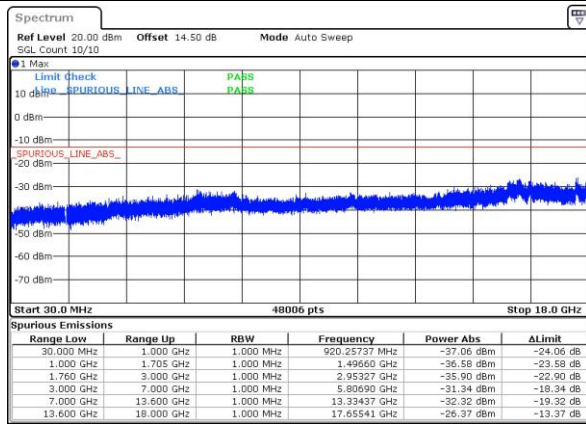
### WCDMA Band IV (RMC 12.2Kbps)

#### Lowest Channel



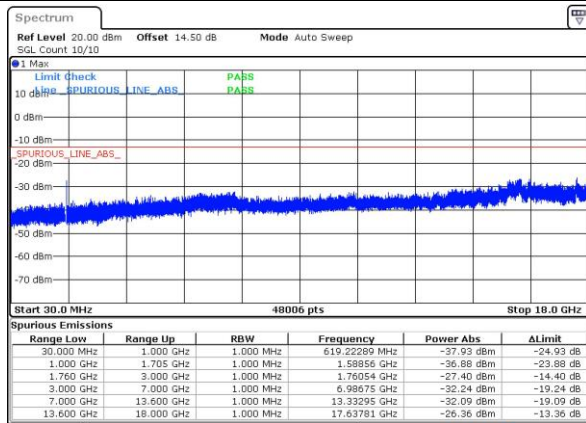
Date: 26.SEP.2023 11:10:04

#### Middle Channel



Date: 26.SEP.2023 11:10:28

#### Highest Channel



Date: 26.SEP.2023 11:10:51



### 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	0.0006	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0011	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0004	
-10	Normal Voltage	0.0008	
-20	Normal Voltage	0.0009	
-30	Normal Voltage	0.0010	
20	Maximum Voltage	0.0005	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0002	

Test Conditions	Middle Channel	WCDMA Band II (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0007	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0009	
-20	Normal Voltage	0.0010	
-30	Normal Voltage	0.0010	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0002	



Test Conditions	Middle Channel	WCDMA Band IV (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0014	PASS
40	Normal Voltage	0.0007	
30	Normal Voltage	0.0024	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0010	
-10	Normal Voltage	0.0018	
-20	Normal Voltage	0.0020	
-30	Normal Voltage	0.0022	
20	Maximum Voltage	0.0012	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0005	

**Note:**

1. Normal Voltage = 3.89V. ; Battery End Point (BEP) = 3.45 V. ; Maximum Voltage =4.45 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 :	Jia Kuang	Temperature :	22~25°C
		Relative Humidity :	48~52%

Note: RSE Pre-scanned harmonic for the different antenna combinations, we choose the worst antenna mode to perform final test.

GSM850 (GPRS 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	-63.02	-13	-50.02	-70.53	-66.27	4.00	9.40	H
	2509.2	-63.13	-13	-50.13	-75.41	-66.70	4.88	10.60	H
	3345.6	-64.31	-13	-51.31	-79.39	-69.24	5.52	12.60	H
	1672.8	-65.65	-13	-52.65	-73.35	-68.90	4.00	9.40	V
	2509.2	-64.54	-13	-51.54	-76.94	-68.11	4.88	10.60	V
	3345.6	-64.17	-13	-51.17	-79.27	-69.10	5.52	12.60	V

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	-63.04	-13	-50.04	-70.55	-66.29	4.00	9.40	H
	2509.2	-62.81	-13	-49.81	-75.09	-66.38	4.88	10.60	H
	3345.6	-64.07	-13	-51.07	-79.15	-69.00	5.52	12.60	H
	1672.8	-66.25	-13	-53.25	-73.95	-69.50	4.00	9.40	V
	2509.2	-63.98	-13	-50.98	-76.38	-67.55	4.88	10.60	V
	3345.6	-64.75	-13	-51.75	-79.85	-69.68	5.52	12.60	V

GSM1900 (GPRS 1 Tx slots) Ant.2									
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	-63.28	-13	-50.28	-79.97	-70.03	5.85	12.60	H
	5640	-60.45	-13	-47.45	-81.29	-66.25	7.30	13.10	H
	7520	-56.52	-13	-43.52	-80.86	-59.67	8.35	11.50	H
	3760	-64.08	-13	-51.08	-80.33	-70.83	5.85	12.60	V
	5640	-61.89	-13	-48.89	-81.52	-67.69	7.30	13.10	V
	7520	-55.50	-13	-42.50	-80.26	-58.65	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.2									
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	-63.29	-13	-50.29	-79.98	-70.04	5.85	12.60	H
	5640	-60.43	-13	-47.43	-81.27	-66.23	7.30	13.10	H
	7520	-55.96	-13	-42.96	-80.30	-59.11	8.35	11.50	H
	3760	-63.96	-13	-50.96	-80.21	-70.71	5.85	12.60	V
	5640	-61.62	-13	-48.62	-81.25	-67.42	7.30	13.10	V
	7520	-55.52	-13	-42.52	-80.28	-58.67	8.35	11.50	V

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	-68.16	-13	-55.16	-75.67	-71.41	4.00	9.40	H
	2509.2	-65.60	-13	-52.60	-77.88	-69.17	4.88	10.60	H
	3345.6	-64.38	-13	-51.38	-79.46	-69.31	5.52	12.60	H
	1672.8	-68.16	-13	-55.16	-75.86	-71.41	4.00	9.40	V
	2509.2	-65.56	-13	-52.56	-77.96	-69.13	4.88	10.60	V
	3345.6	-64.19	-13	-51.19	-79.29	-69.12	5.52	12.60	V

WCDMA Band II(RMC 12.2Kbps) Ant.2									
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	-63.26	-13	-50.26	-79.95	-70.01	5.85	12.60	H
	5640	-60.27	-13	-47.27	-81.11	-66.07	7.30	13.10	H
	7520	-55.71	-13	-42.71	-80.05	-58.86	8.35	11.50	H
	3760	-63.85	-13	-50.85	-80.1	-70.60	5.85	12.60	V
	5640	-61.07	-13	-48.07	-80.7	-66.87	7.30	13.10	V
	7520	-55.33	-13	-42.33	-80.09	-58.48	8.35	11.50	V

WCDMA Band IV(RMC 12.2Kbps) Ant.2									
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	-63.96	-13	-50.96	-79.27	-70.81	5.65	12.50	H
	5197.8	-61.42	-13	-48.42	-81.28	-67.09	7.13	12.80	H
	6930.4	-57.18	-13	-44.18	-80.19	-60.58	8.40	11.80	H
	3465.2	-64.13	-13	-51.13	-79.47	-70.98	5.65	12.50	V
	5197.8	-61.40	-13	-48.40	-80.88	-67.07	7.13	12.80	V
	6930.4	-57.23	-13	-44.23	-80.53	-60.63	8.40	11.80	V

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