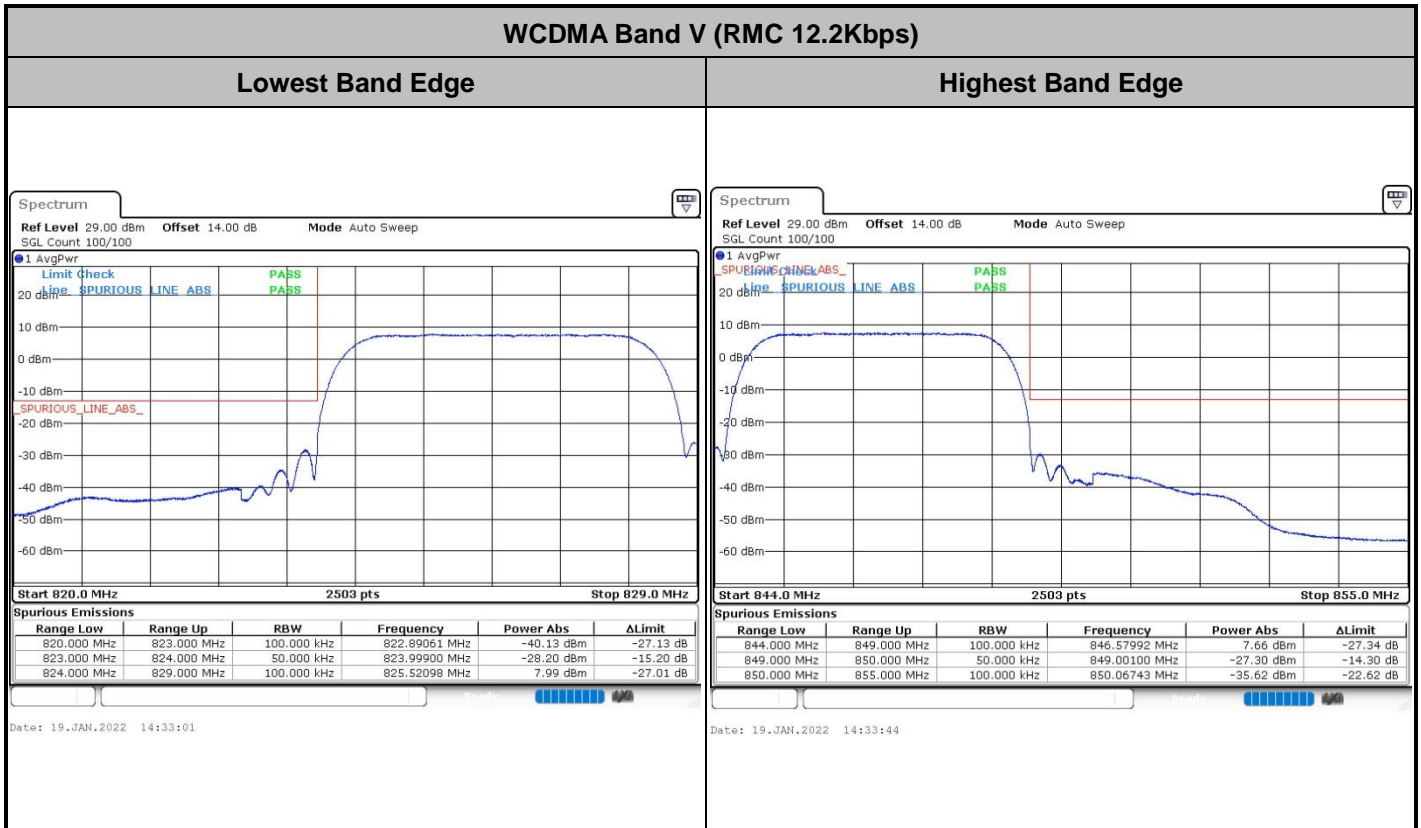
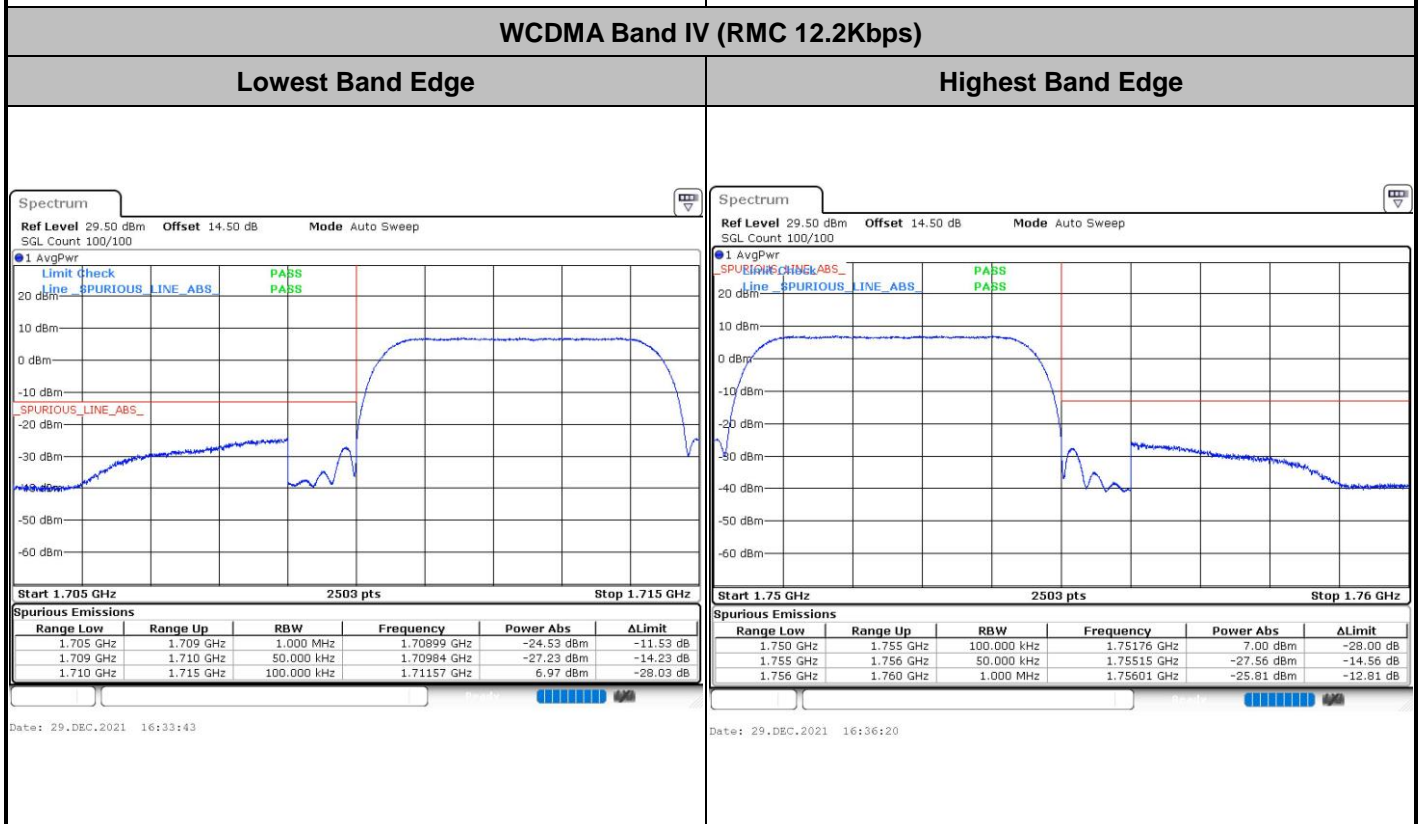
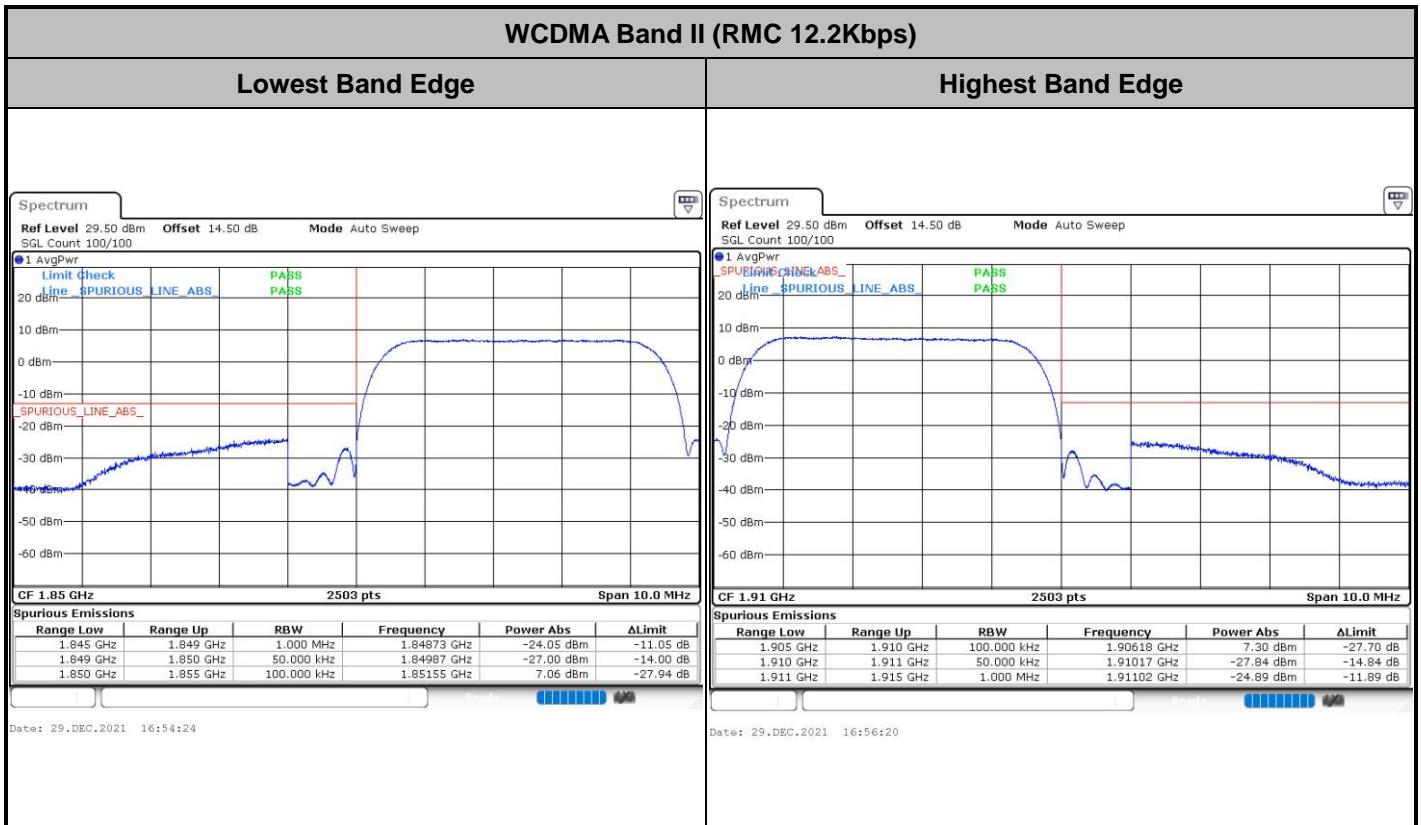




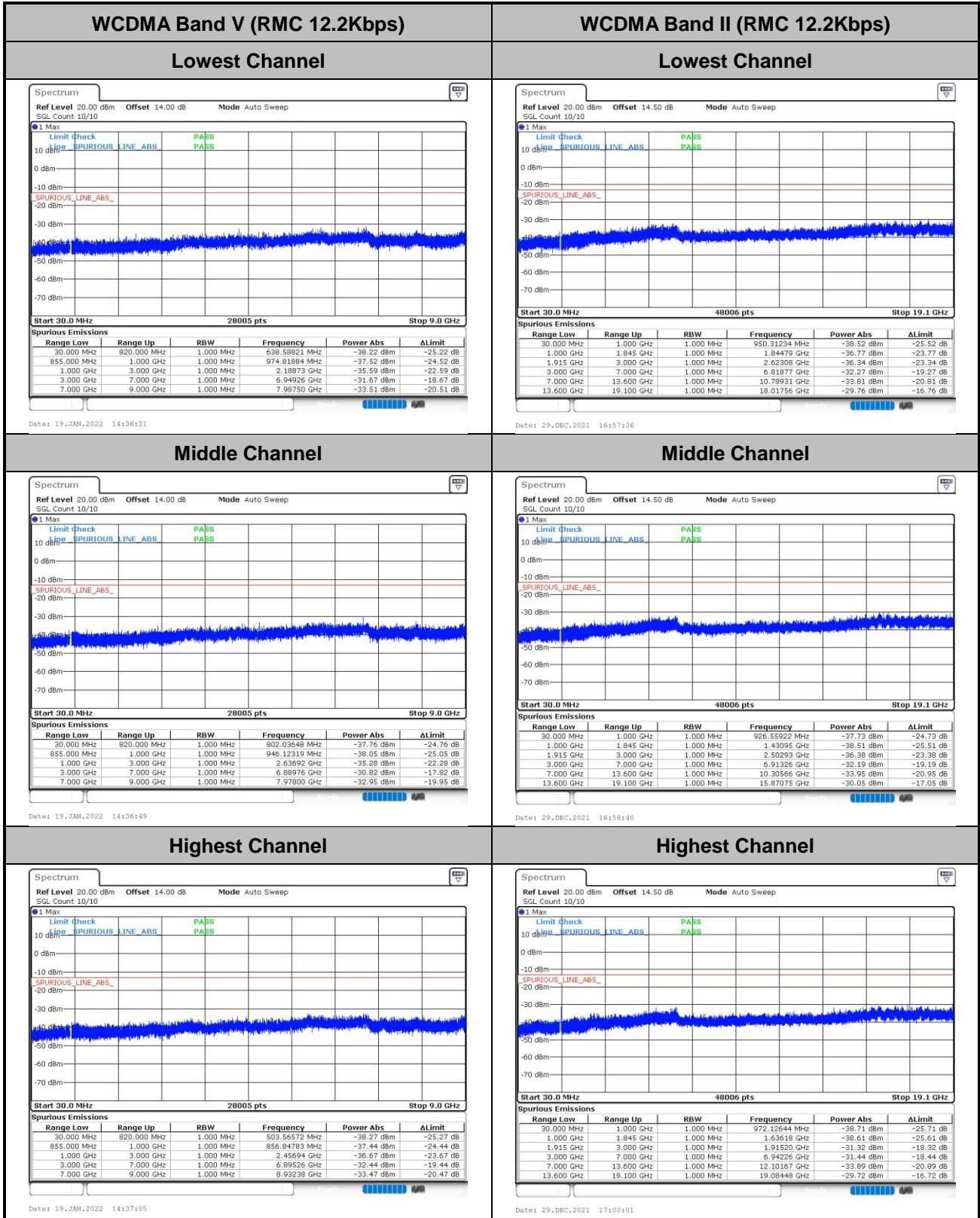
# Conducted Band Edge

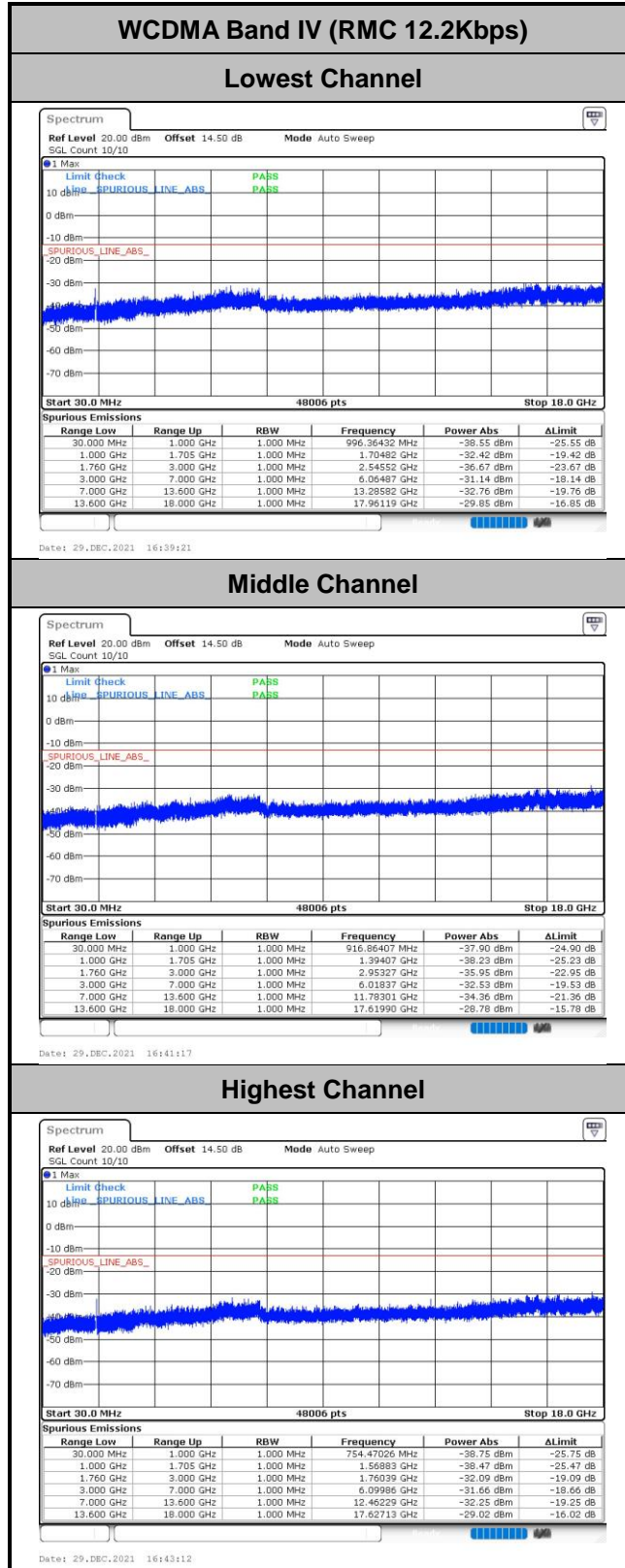






# Conducted Spurious Emission







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	0.0002	PASS
40	Normal Voltage	0.0004	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0002	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0001	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0004	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0006	

Test Conditions	Middle Channel	WCDMA Band II (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0002	PASS
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0002	
0	Normal Voltage	0.0001	
-10	Normal Voltage	0.0004	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0001	
20	Maximum Voltage	0.0003	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0003	



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	0.0001	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0002	
0	Normal Voltage	0.0003	
-10	Normal Voltage	0.0005	
-20	Normal Voltage	0.0004	
-30	Normal Voltage	0.0001	
20	Maximum Voltage	0.0002	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0003	

**Note:**

1. Normal Voltage = 3.87V. ; Battery End Point (BEP) = 3.5 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 :	KuangJia/WenBo XIAO	Temperature :	22~25°C
		Relative Humidity :	48~52%

GSM850 (GSM)								
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	1672.8	-59.49	-13	-46.49	-62.74	4.00	9.40	H
	2509.2	-53.95	-13	-40.95	-57.52	4.88	10.60	H
	3345.6	-54.34	-13	-41.34	-59.27	5.52	12.60	H
	1672.8	-59.49	-13	-46.49	-62.74	4.00	9.40	V
	2509.2	-55.19	-13	-42.19	-58.76	4.88	10.60	V
	3345.6	-56.79	-13	-43.79	-61.72	5.52	12.60	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 )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1673.04	-63.74	-13	-50.74	-66.99	4.00	9.40	H
	2509.56	-58.12	-13	-45.12	-61.69	4.88	10.60	H
	3346.08	-57.75	-13	-44.75	-62.68	5.52	12.60	H
	1673.04	-61.53	-13	-48.53	-64.78	4.00	9.40	V
	2509.56	-57.63	-13	-44.63	-61.20	4.88	10.60	V
	3346.08	-57.29	-13	-44.29	-62.22	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 )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3760	-57.54	-13	-44.54	-64.29	5.85	12.60	H
	5640	-56.92	-13	-43.92	-62.72	7.30	13.10	H
	7520	-54.67	-13	-41.67	-57.82	8.35	11.50	H
	3760	-54.92	-13	-41.92	-61.67	5.85	12.60	V
	5640	-56.58	-13	-43.58	-62.38	7.30	13.10	V
	7520	-54.74	-13	-41.74	-57.89	8.35	11.50	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 )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3760	-57.31	-13	-44.31	-64.06	5.85	12.60	H
	5640	-56.70	-13	-43.70	-62.50	7.30	13.10	H
	7520	-54.82	-13	-41.82	-57.97	8.35	11.50	H
	3760	-54.89	-13	-41.89	-61.64	5.85	12.60	V
	5640	-56.78	-13	-43.78	-62.58	7.30	13.10	V
	7520	-54.86	-13	-41.86	-58.01	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 )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1672.8	-63.28	-13	-50.28	-66.53	4.00	9.40	H
	2509.2	-57.13	-13	-44.13	-60.70	4.88	10.60	H
	3345.6	-56.30	-13	-43.30	-61.23	5.52	12.60	H
	1672.8	-62.64	-13	-49.64	-65.89	4.00	9.40	V
	2509.2	-57.66	-13	-44.66	-61.23	4.88	10.60	V
	3345.6	-56.59	-13	-43.59	-61.52	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 )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3760	-57.50	-13	-44.50	-64.25	5.85	12.60	H
	5640	-56.31	-13	-43.31	-62.11	7.30	13.10	H
	7520	-55.01	-13	-42.01	-58.16	8.35	11.50	H
	3760	-54.60	-13	-41.60	-61.35	5.85	12.60	V
	5640	-56.60	-13	-43.60	-62.40	7.30	13.10	V
	7520	-54.56	-13	-41.56	-57.71	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)								
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	3465.2	-55.79	-13	-42.79	-62.64	5.65	12.50	H
	5197.8	-57.07	-13	-44.07	-62.74	7.13	12.80	H
	6930.4	-54.97	-13	-41.97	-58.37	8.40	11.80	H
	3465.2	-55.71	-13	-42.71	-62.56	5.65	12.50	V
	5197.8	-56.76	-13	-43.76	-62.43	7.13	12.80	V
	6930.4	-54.13	-13	-41.13	-57.53	8.40	11.80	V

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

———— THE END ————