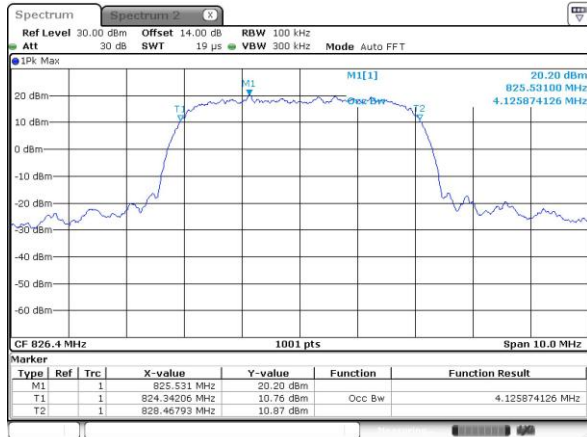




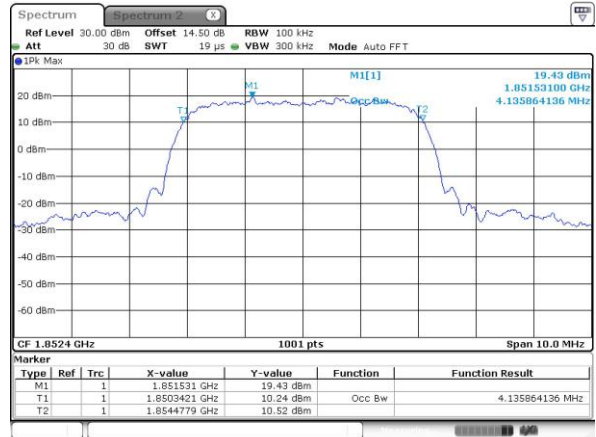
WCDMA Band V (RMC 12.2Kbps)

Lowest Channel

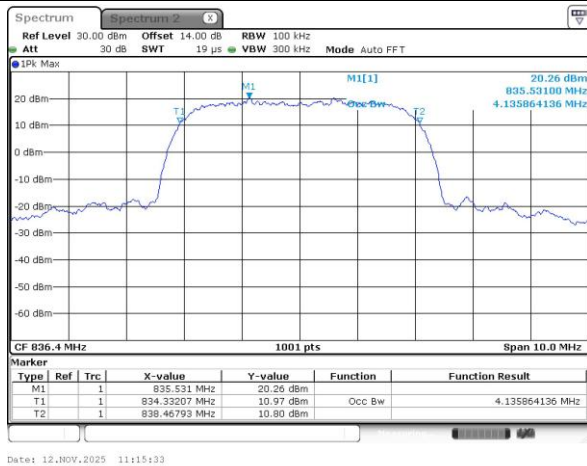


WCDMA Band II (RMC 12.2Kbps)

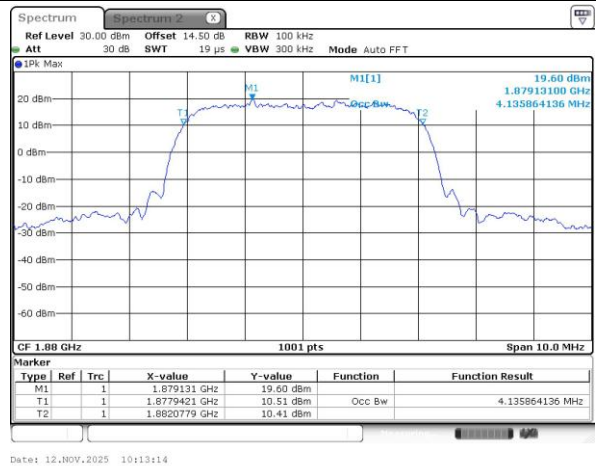
Lowest Channel



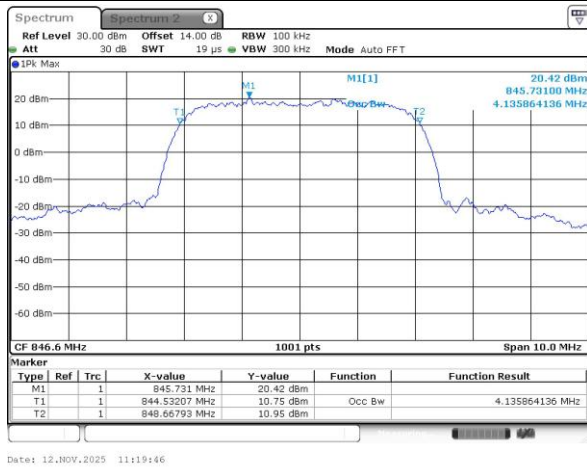
Middle Channel



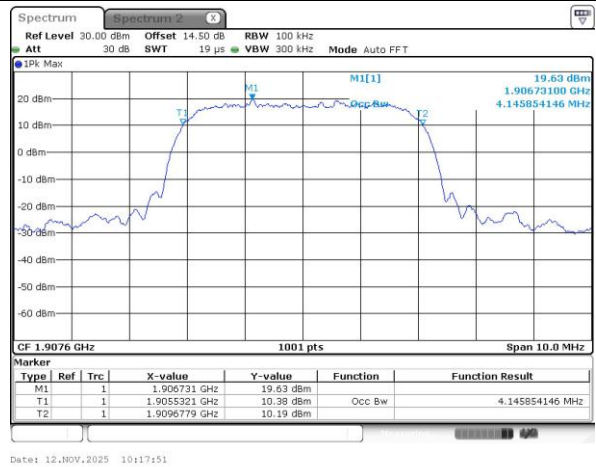
Middle Channel



Highest Channel



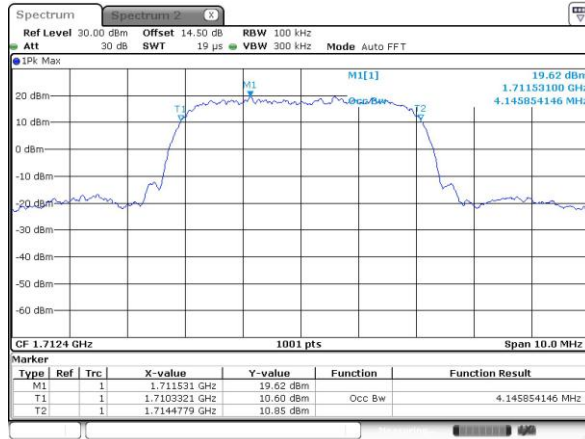
Highest Channel



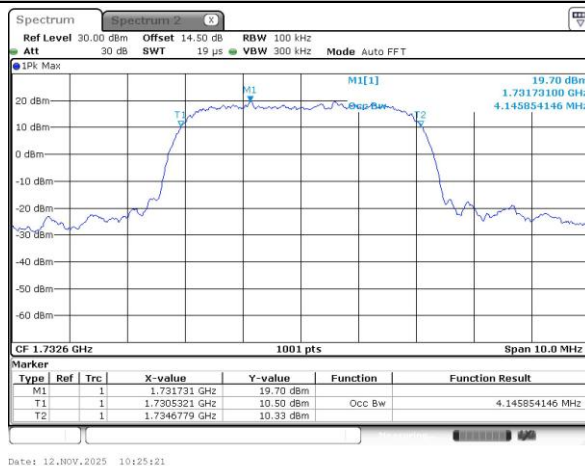


WCDMA Band IV (RMC 12.2Kbps)

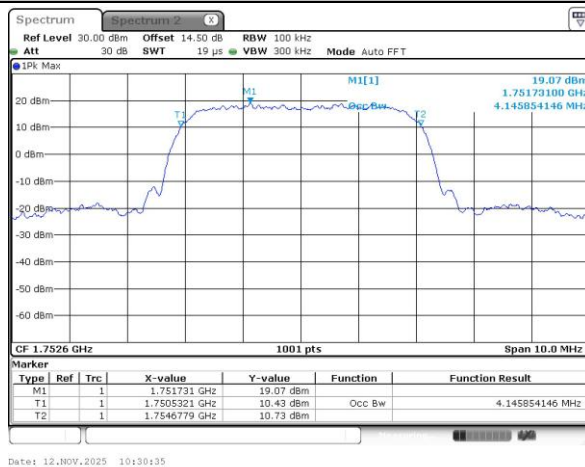
Lowest Channel

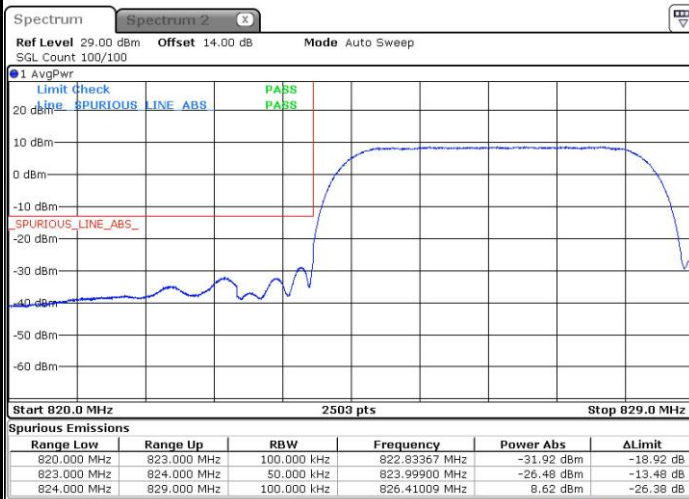
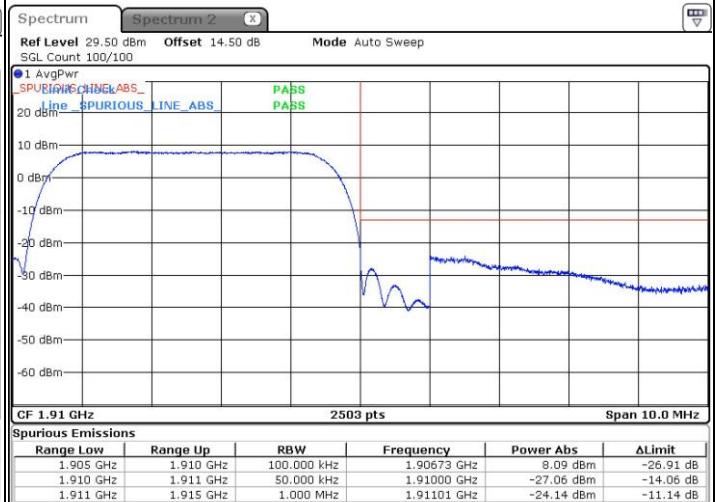


Middle Channel



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

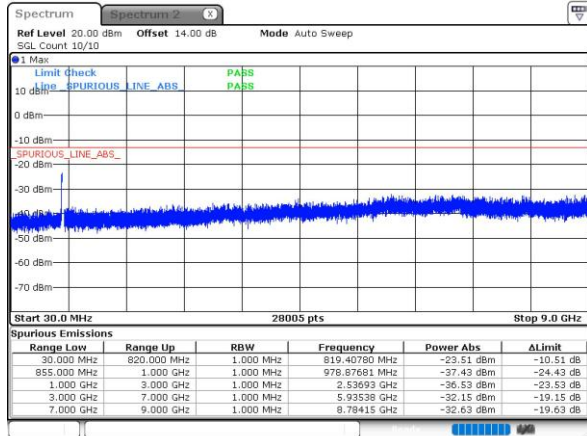




Conducted Spurious Emission

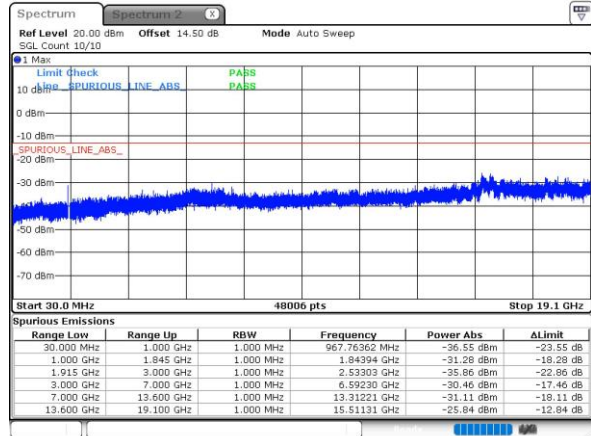
WCDMA Band V (RMC 12.2Kbps)

Lowest Channel

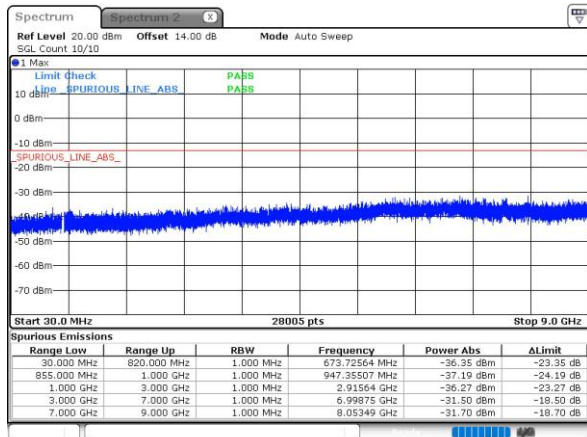


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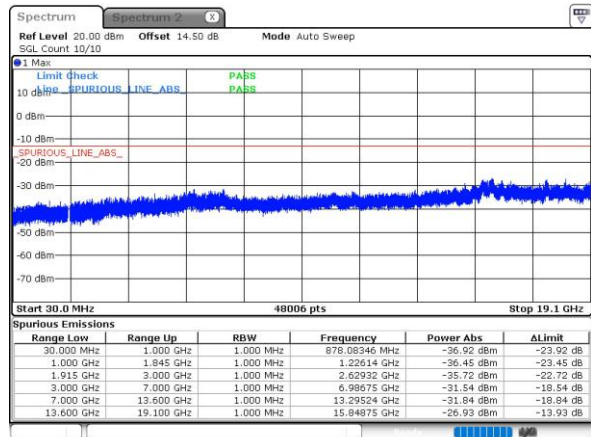
Lowest Channel



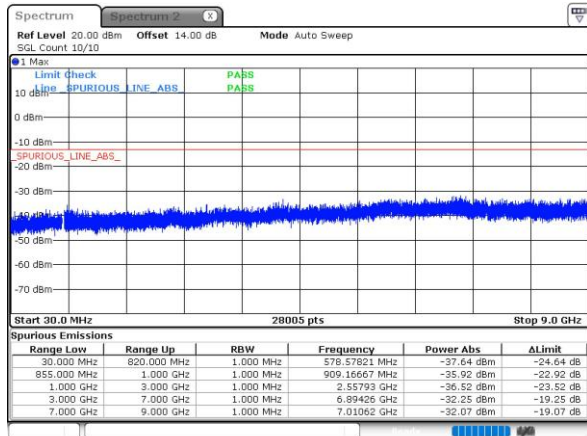
Middle Channel



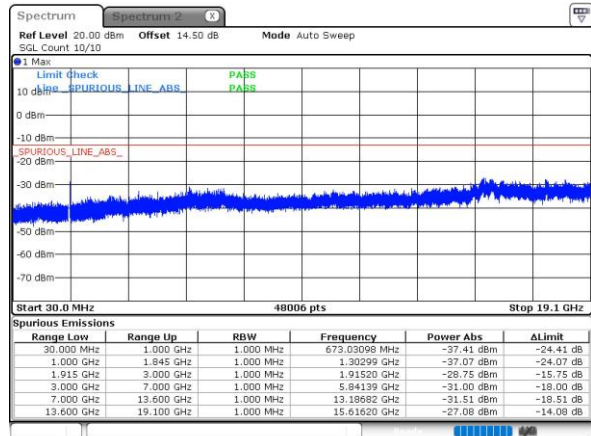
Middle Channel



Highest Channel



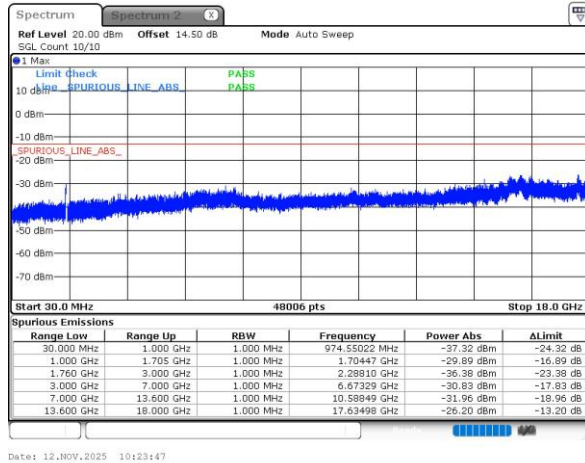
Highest Channel



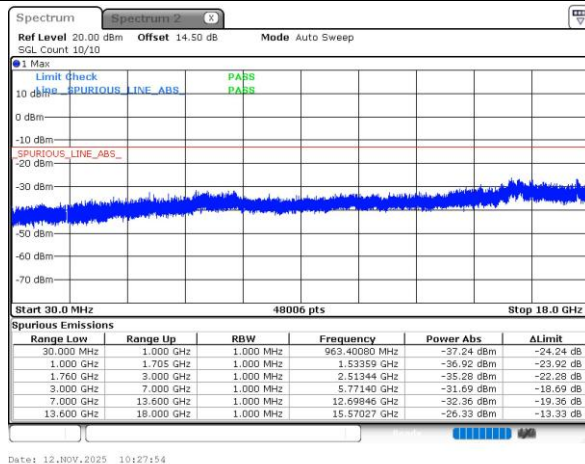


WCDMA Band IV (RMC 12.2Kbps)

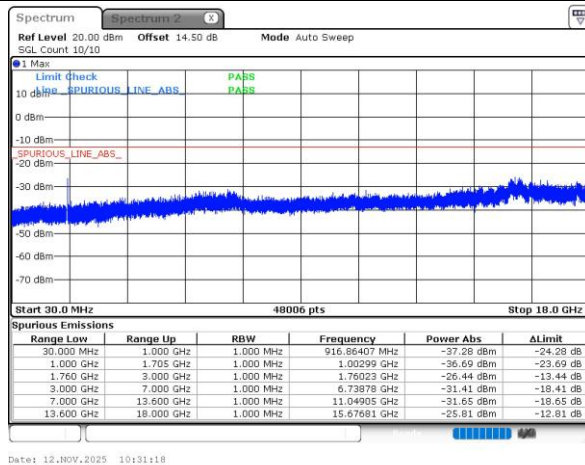
Lowest Channel



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	0.0016	PASS
40	Normal Voltage	0.0078	
30	Normal Voltage	0.0031	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0022	
0	Normal Voltage	0.0032	
-10	Normal Voltage	0.0045	
-20	Normal Voltage	0.0051	
-30	Normal Voltage	0.0025	
20	Maximum Voltage	0.0033	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0020	

Test Conditions	Middle Channel	WCDMA Band II (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0011	PASS
40	Normal Voltage	0.0016	
30	Normal Voltage	0.0016	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0022	
0	Normal Voltage	0.0037	
-10	Normal Voltage	0.0017	
-20	Normal Voltage	0.0043	
-30	Normal Voltage	0.0016	
20	Maximum Voltage	0.0014	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0019	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage =4.2 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	0.0003	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0013	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0017	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0005	
-20	Normal Voltage	0.0010	
-30	Normal Voltage	0.0014	
20	Maximum Voltage	0.0003	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0013	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage =4.2 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 :	Wenbo Xiao	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) ANT26									
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	-41.74	-13	-28.74	-48.39	-44.99	4.00	9.40	H
	2509.2	-56.23	-13	-43.23	-67.30	-59.80	4.88	10.60	H
	3345.6	-59.61	-13	-46.61	-73.50	-64.54	5.52	12.60	H
	1672.8	-37.75	-13	-24.75	-44.59	-41.00	4.00	9.40	V
	2509.2	-52.37	-13	-39.37	-63.56	-55.94	4.88	10.60	V
	3345.6	-55.39	-13	-42.39	-69.30	-60.32	5.52	12.60	V

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

GSM850 (EDGE 1 Tx slots) ANT26									
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	-53.14	-13	-40.14	-59.79	-56.39	4.00	9.40	H
	2509.2	-48.59	-13	-35.59	-59.66	-52.16	4.88	10.60	H
	3345.6	-61.85	-13	-48.85	-75.74	-66.78	5.52	12.60	H
	1672.8	-51.34	-13	-38.34	-58.18	-54.59	4.00	9.40	V
	2509.2	-54.98	-13	-41.98	-66.17	-58.55	4.88	10.60	V
	3345.6	-61.52	-13	-48.52	-75.43	-66.45	5.52	12.60	V

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

GSM1900 (GSM) ANT13									
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	-61.81	-13	-48.81	-77.19	-68.56	5.85	12.60	H
	5640	-58.93	-13	-45.93	-78.44	-64.73	7.30	13.10	H
	7520	-54.54	-13	-41.54	-78.58	-57.69	8.35	11.50	H
	3760	-62.30	-13	-49.30	-77.24	-69.05	5.85	12.60	V
	5640	-60.06	-13	-47.06	-78.36	-65.86	7.30	13.10	V
	7520	-54.19	-13	-41.19	-78.65	-57.34	8.35	11.50	V

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



GSM1900 (EDGE 1 Tx slots) ANT13									
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	-61.47	-13	-48.47	-76.85	-68.22	5.85	12.60	H
	5640	-58.78	-13	-45.78	-78.29	-64.58	7.30	13.10	H
	7520	-54.74	-13	-41.74	-78.78	-57.89	8.35	11.50	H
	3760	-62.02	-13	-49.02	-76.96	-68.77	5.85	12.60	V
	5640	-60.04	-13	-47.04	-78.34	-65.84	7.30	13.10	V
	7520	-53.97	-13	-40.97	-78.43	-57.12	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) ANT26									
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	-66.42	-13	-53.42	-73.07	-69.67	4.00	9.40	H
	2509.2	-63.76	-13	-50.76	-74.83	-67.33	4.88	10.60	H
	3345.6	-61.86	-13	-48.86	-75.75	-66.79	5.52	12.60	H
	1672.8	-65.11	-13	-52.11	-71.95	-68.36	4.00	9.40	V
	2509.2	-63.63	-13	-50.63	-74.82	-67.20	4.88	10.60	V
	3345.6	-61.57	-13	-48.57	-75.48	-66.50	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) ANT13									
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	-61.53	-13	-48.53	-76.91	-68.28	5.85	12.60	H
	5640	-58.27	-13	-45.27	-77.78	-64.07	7.30	13.10	H
	7520	-54.55	-13	-41.55	-78.59	-57.70	8.35	11.50	H
	3760	-61.73	-13	-48.73	-76.67	-68.48	5.85	12.60	V
	5640	-59.89	-13	-46.89	-78.19	-65.69	7.30	13.10	V
	7520	-54.30	-13	-41.30	-78.76	-57.45	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) ANT13									
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	-61.92	-13	-48.92	-76.11	-68.77	5.65	12.50	H
	5197.8	-59.54	-13	-46.54	-78.26	-65.21	7.13	12.80	H
	6930.4	-56.71	-13	-43.71	-79.05	-60.11	8.40	11.80	H
	3465.2	-61.92	-13	-48.92	-76.14	-68.77	5.65	12.50	V
	5197.8	-59.74	-13	-46.74	-78.08	-65.41	7.13	12.80	V
	6930.4	-56.38	-13	-43.38	-79.01	-59.78	8.40	11.80	V

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



WCDMA Band XIX(RMC 12.2Kbps) ANT26									
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	1675.2	-65.75	-13	-52.75	-72.43	-69.00	4.00	9.40	H
	2512.8	-63.50	-13	-50.50	-74.61	-67.07	4.88	10.60	H
	3350.4	-61.83	-13	-48.83	-75.71	-66.76	5.52	12.60	H
	1675.2	-64.95	-13	-51.95	-71.82	-68.20	4.00	9.40	V
	2512.8	-63.32	-13	-50.32	-74.54	-66.89	4.88	10.60	V
	3350.4	-61.27	-13	-48.27	-75.17	-66.20	5.52	12.60	V

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