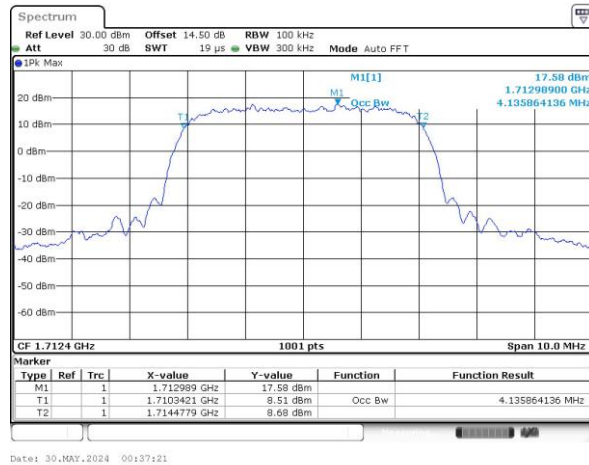


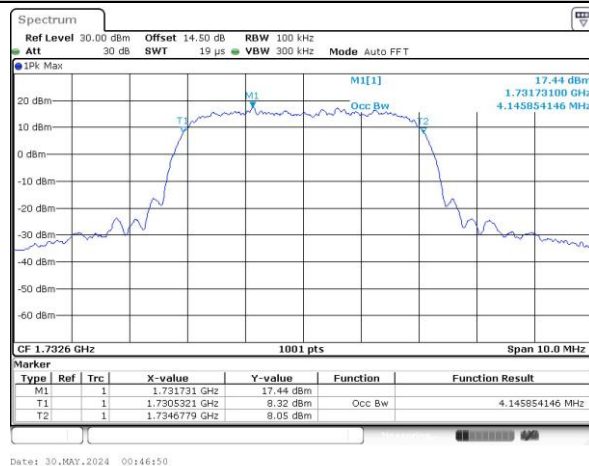


WCDMA Band IV (RMC 12.2Kbps)

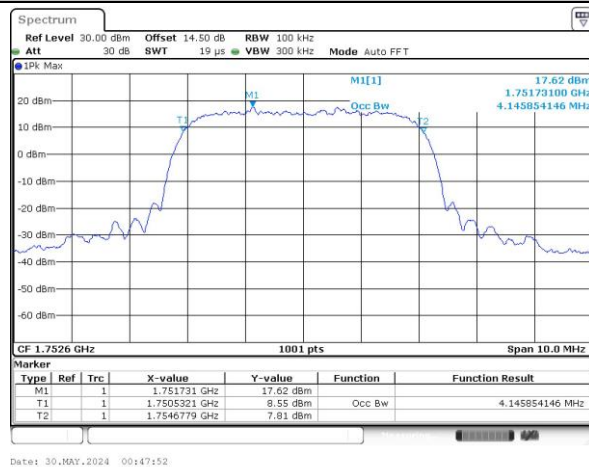
Lowest Channel



Middle Channel



Highest Channel

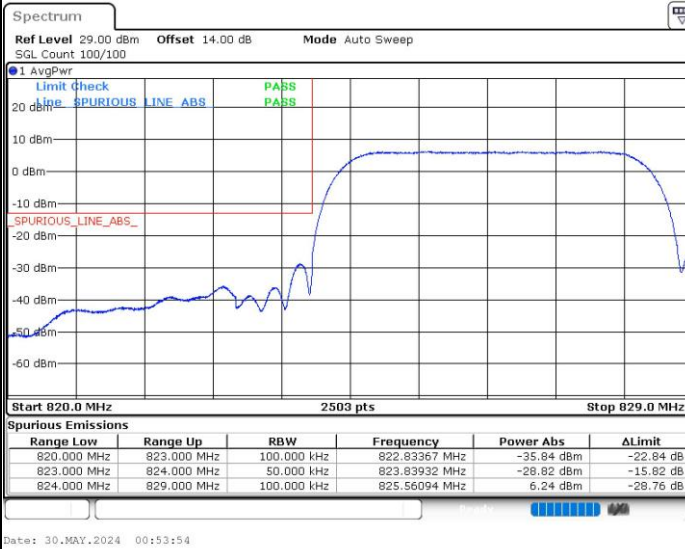




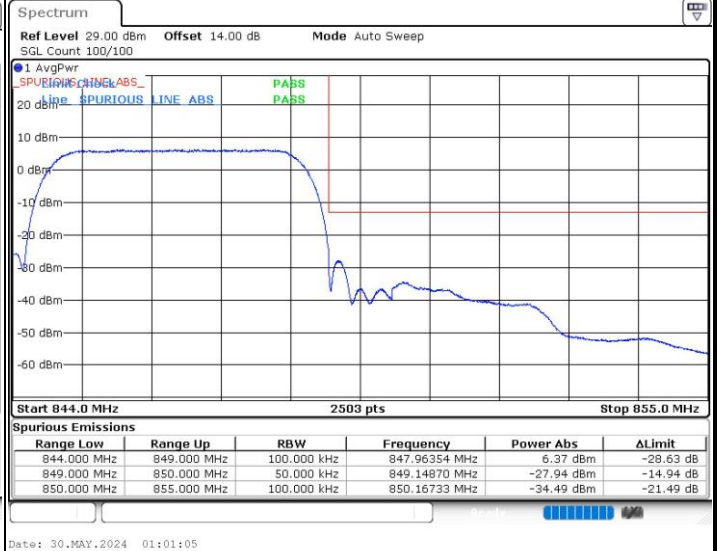
Conducted Band Edge

WCDMA Band V (RMC 12.2Kbps)

Lowest Band Edge

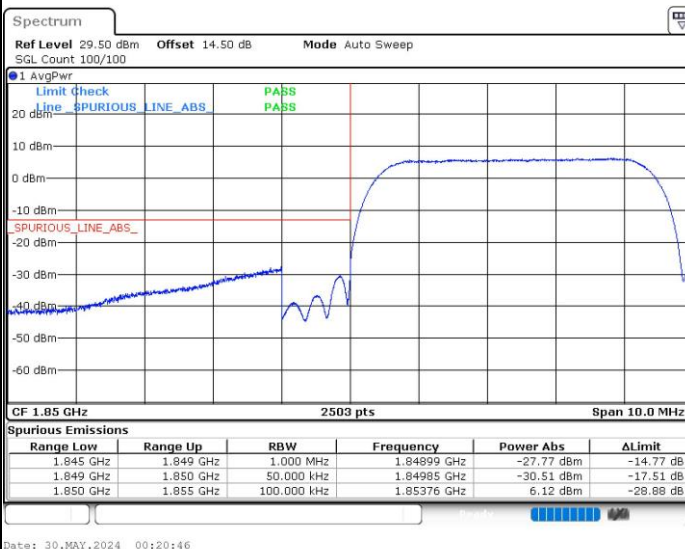


Highest Band Edge

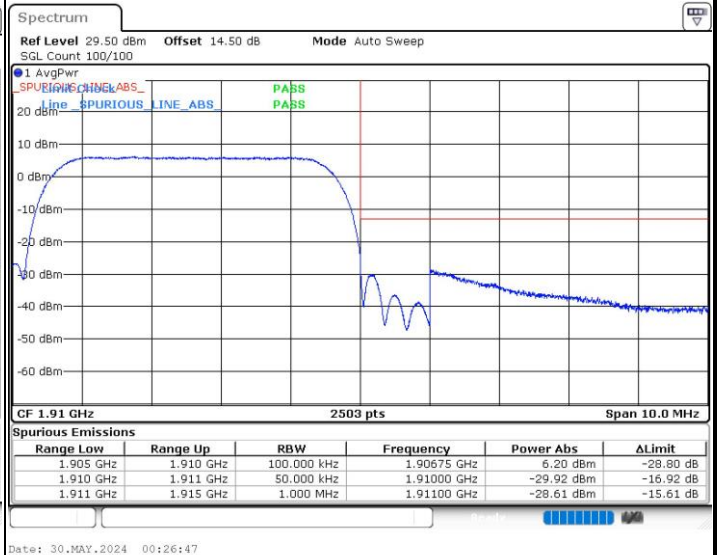


WCDMA Band II (RMC 12.2Kbps)

Lowest Band Edge



Highest Band Edge





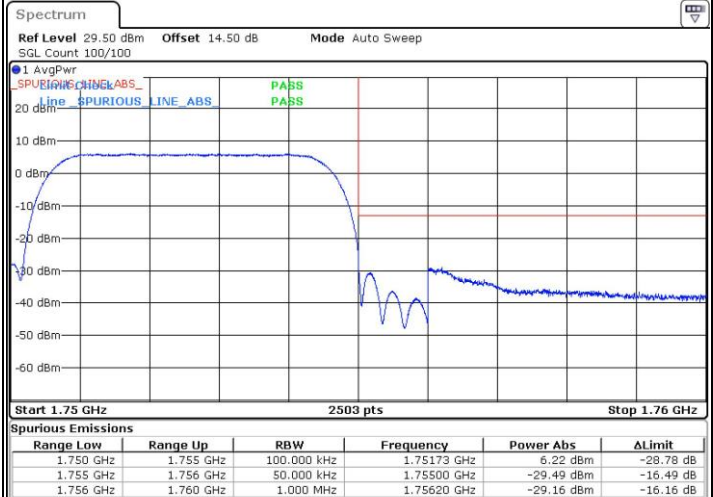
WCDMA Band IV (RMC 12.2Kbps)

Lowest Band Edge



Date: 30.MAY.2024 00:39:05

Highest Band Edge



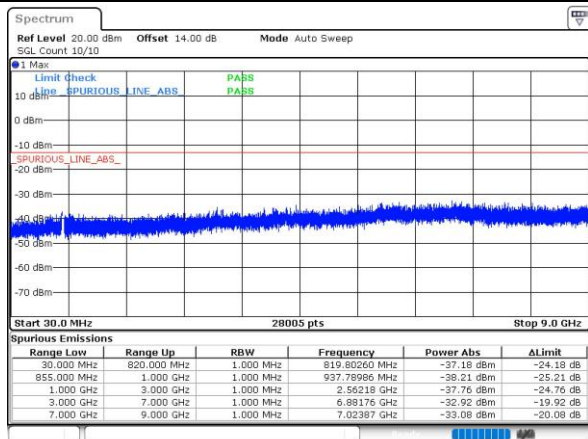
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Conducted Spurious Emission

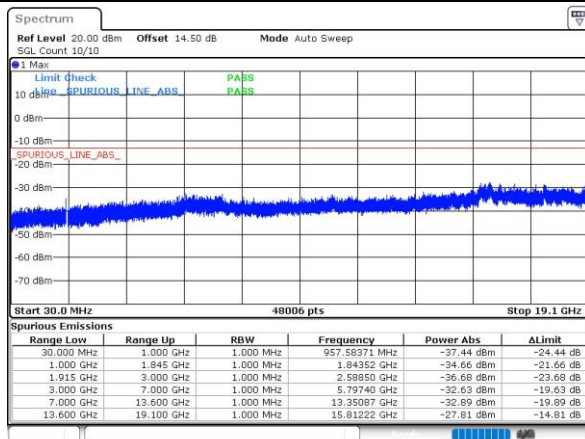
WCDMA Band V (RMC 12.2Kbps)

Lowest Channel

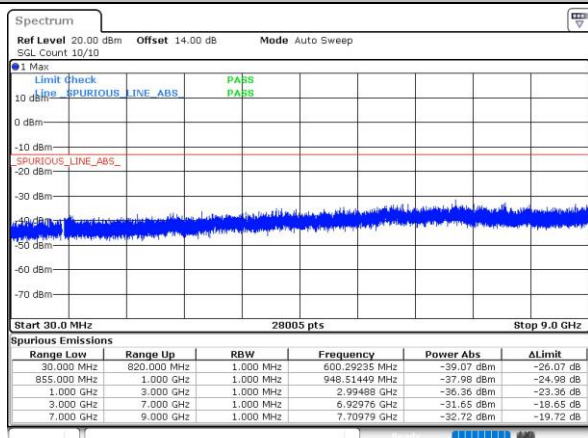


WCDMA Band II (RMC 12.2Kbps)

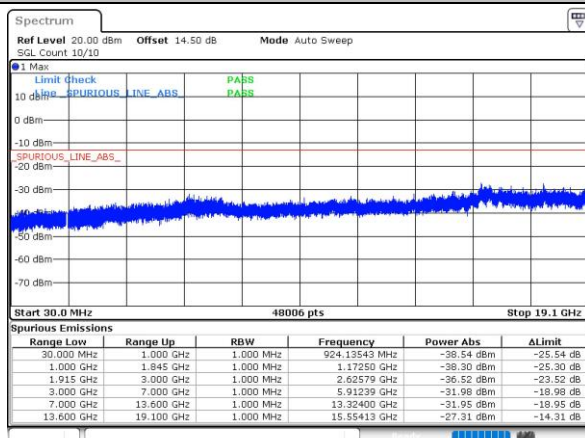
Lowest Channel



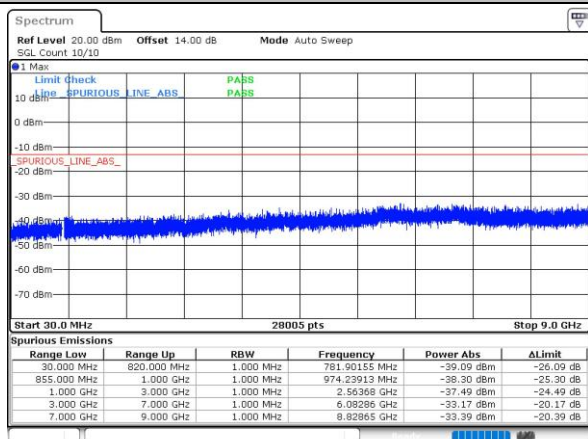
Middle Channel



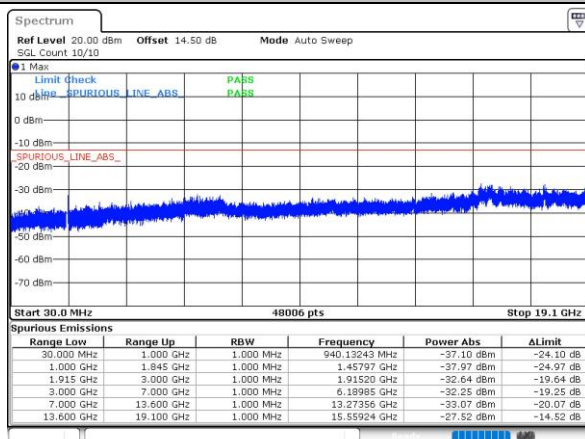
Middle Channel



Highest Channel



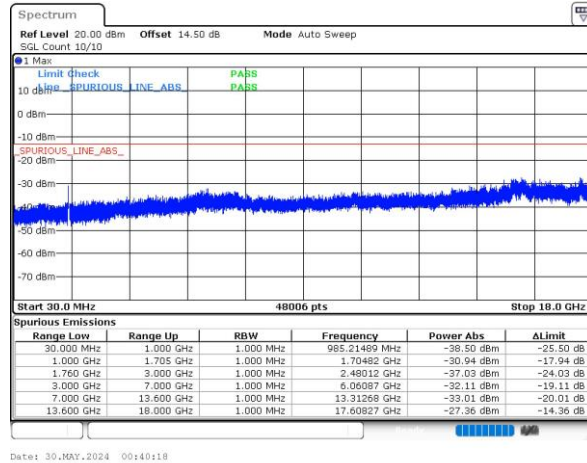
Highest Channel



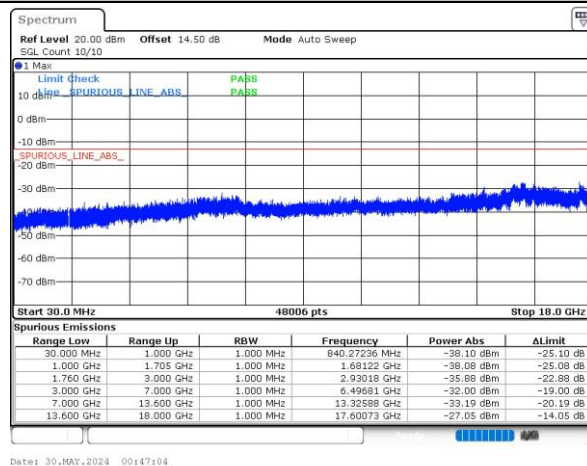


WCDMA Band IV (RMC 12.2Kbps)

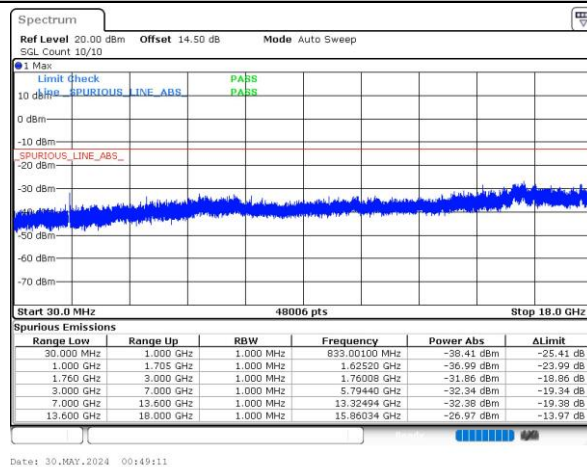
Lowest Channel



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	0.0018	PASS
40	Normal Voltage	0.0008	
30	Normal Voltage	0.0013	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0025	
0	Normal Voltage	0.0027	
-10	Normal Voltage	0.0010	
-20	Normal Voltage	0.0017	
-30	Normal Voltage	0.0023	
20	Maximum Voltage	0.0024	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0007	

Test Conditions	Middle Channel	WCDMA Band II (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0004	PASS
40	Normal Voltage	0.0002	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0003	
-10	Normal Voltage	0.0009	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0007	
20	Maximum Voltage	0.0003	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0001	

Note:

1. Normal Voltage = 3.91V. ; Battery End Point (BEP) = 3.4 V. ; Maximum Voltage =4.5 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	0.0004	PASS
40	Normal Voltage	0.0002	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0003	
-10	Normal Voltage	0.0001	
-20	Normal Voltage	0.0010	
-30	Normal Voltage	0.0003	
20	Maximum Voltage	0.0001	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0011	

Note:

1. Normal Voltage = 3.91V. ; Battery End Point (BEP) = 3.4 V. ; Maximum Voltage =4.5 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 :	HuaCong Liang	Temperature :	22~25°C
		Relative Humidity :	48~52%

RSE pretest all the support Antennas, only the worst results are shown in the report.

GSM850 (GSM) 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	-64.42	-13	-51.42	-76.68	-67.67	4.00	9.40	H
	2509.2	-41.75	-13	-28.75	-61.25	-45.32	4.88	10.60	H
	3345.6	-58.46	-13	-45.46	-79.80	-63.39	5.52	12.60	H
	1672.8	-63.69	-13	-50.69	-76.66	-66.94	4.00	9.40	V
	2509.2	-37.39	-13	-24.39	-57.10	-40.96	4.88	10.60	V
	3345.6	-58.03	-13	-45.03	-79.67	-62.96	5.52	12.60	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)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1672.8	-64.31	-13	-51.31	-76.57	-67.56	4.00	9.40	H
	2509.2	-42.01	-13	-29.01	-61.51	-45.58	4.88	10.60	H
	3345.6	-58.23	-13	-45.23	-79.57	-63.16	5.52	12.60	H
	1672.8	-63.39	-13	-50.39	-76.36	-66.64	4.00	9.40	V
	2509.2	-40.64	-13	-27.64	-60.35	-44.21	4.88	10.60	V
	3345.6	-57.91	-13	-44.91	-79.55	-62.84	5.52	12.60	V

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

WCDMA Band V(RMC 12.2Kbps) Ant 1									
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	1672.8	-64.49	-13	-51.49	-76.75	-67.74	4.00	9.40	H
	2509.2	-59.21	-13	-46.21	-78.71	-62.78	4.88	10.60	H
	3345.6	-58.08	-13	-45.08	-79.42	-63.01	5.52	12.60	H
	1672.8	-63.30	-13	-50.30	-76.27	-66.55	4.00	9.40	V
	2509.2	-58.88	-13	-45.88	-78.59	-62.45	4.88	10.60	V
	3345.6	-57.97	-13	-44.97	-79.61	-62.90	5.52	12.60	V

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



GSM1900 (GSM) Ant 2									
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	3760	-45.15	-13	-32.15	-67.64	-51.90	5.85	12.60	H
	5640	-51.38	-13	-38.38	-75.78	-57.18	7.30	13.10	H
	7520	-54.13	-13	-41.13	-81.01	-57.28	8.35	11.50	H
	3760	-44.87	-13	-31.87	-70.52	-51.62	5.85	12.60	V
	5640	-46.86	-13	-33.86	-71.41	-52.66	7.30	13.10	V
	7520	-54.17	-13	-41.17	-81.03	-57.32	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)	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	3760	-47.43	-13	-34.43	-69.92	-54.18	5.85	12.60	H
	5640	-50.27	-13	-37.27	-74.67	-56.07	7.30	13.10	H
	7520	-54.22	-13	-41.22	-81.10	-57.37	8.35	11.50	H
	3760	-45.64	-13	-32.64	-71.29	-52.39	5.85	12.60	V
	5640	-51.48	-13	-38.48	-76.03	-57.28	7.30	13.10	V
	7520	-54.47	-13	-41.47	-81.33	-57.62	8.35	11.50	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)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3760	-57.36	-13	-44.36	-79.85	-64.11	5.85	12.60	H
	5640	-56.60	-13	-43.60	-81.00	-62.40	7.30	13.10	H
	7520	-54.36	-13	-41.36	-81.24	-57.51	8.35	11.50	H
	3760	-55.10	-13	-42.10	-80.75	-61.85	5.85	12.60	V
	5640	-56.51	-13	-43.51	-81.06	-62.31	7.30	13.10	V
	7520	-54.28	-13	-41.28	-81.14	-57.43	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) Ant 1									
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	-58.28	-13	-45.28	-80.53	-65.13	5.65	12.50	H
	5197.8	-56.55	-13	-43.55	-81.40	-62.22	7.13	12.80	H
	6930.4	-54.22	-13	-41.22	-80.51	-57.62	8.40	11.80	H
	3465.2	-57.79	-13	-44.79	-79.84	-64.64	5.65	12.50	V
	5197.8	-56.23	-13	-43.23	-81.35	-61.90	7.13	12.80	V
	6930.4	-54.40	-13	-41.40	-81.61	-57.80	8.40	11.80	V

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