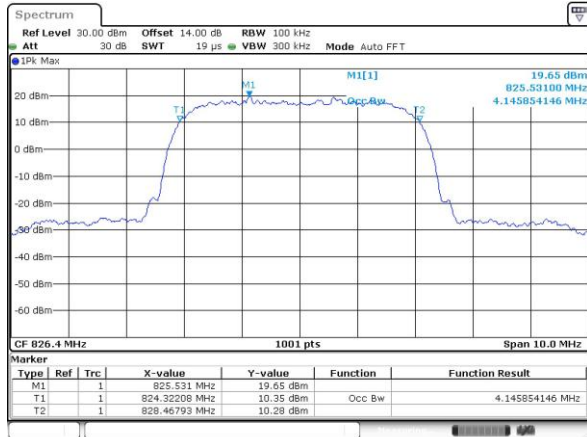




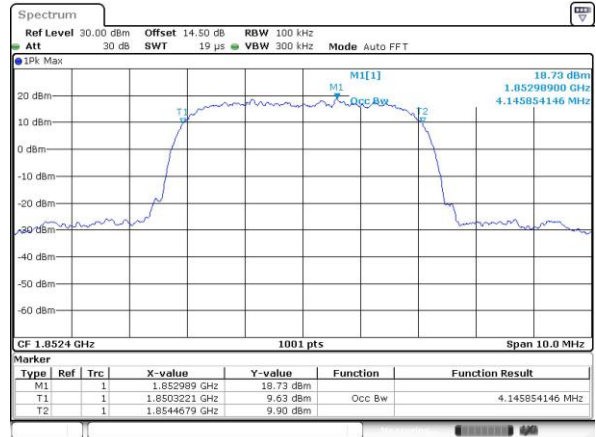
WCDMA Band V (RMC 12.2Kbps)

Lowest Channel

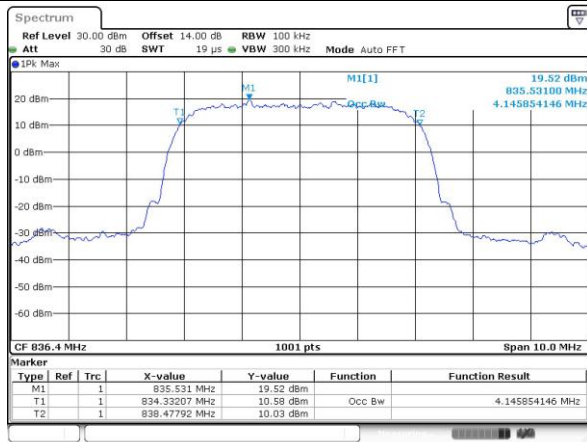


WCDMA Band II (RMC 12.2Kbps)

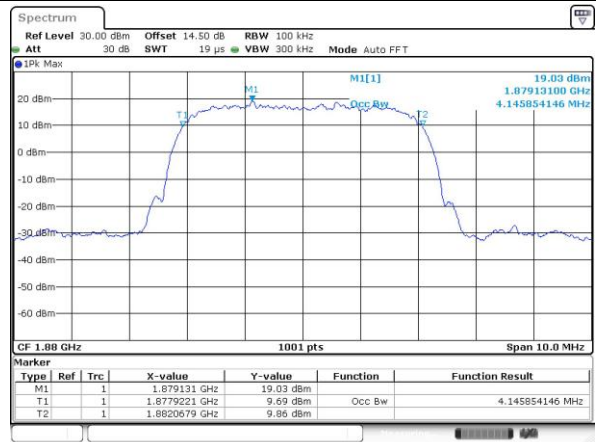
Lowest Channel



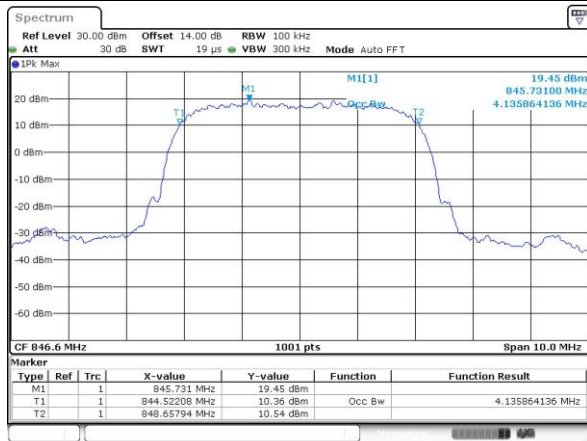
Middle Channel



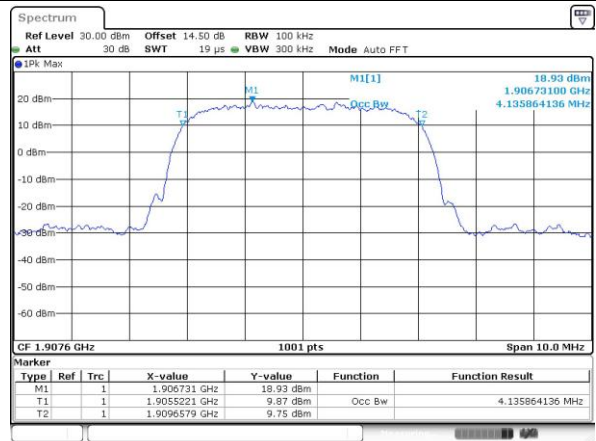
Middle Channel



Highest Channel



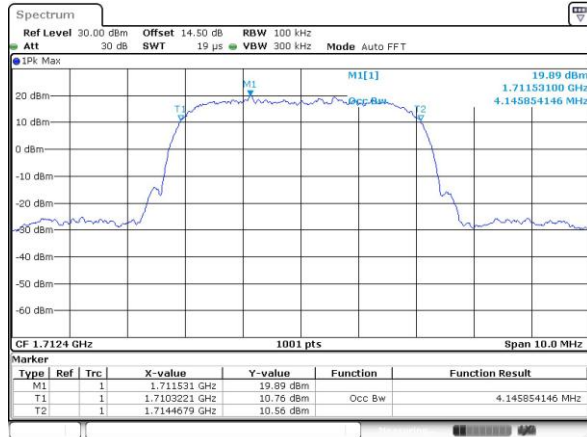
Highest Channel



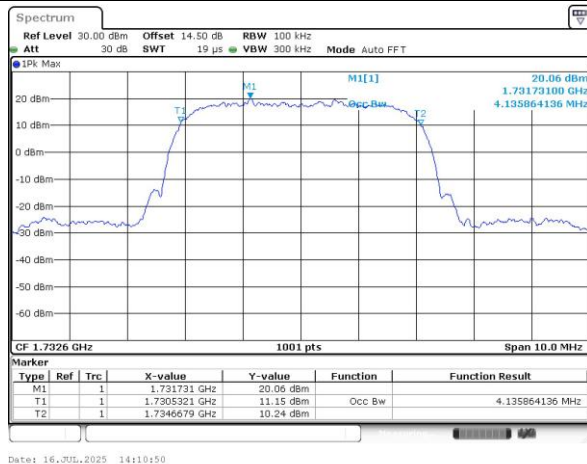


WCDMA Band IV (RMC 12.2Kbps)

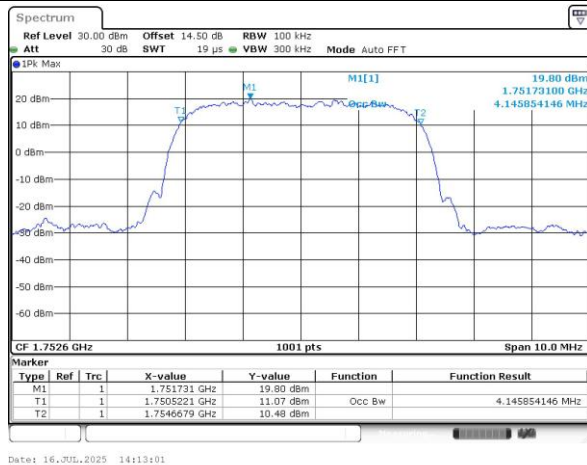
Lowest Channel



Middle Channel



Highest Channel

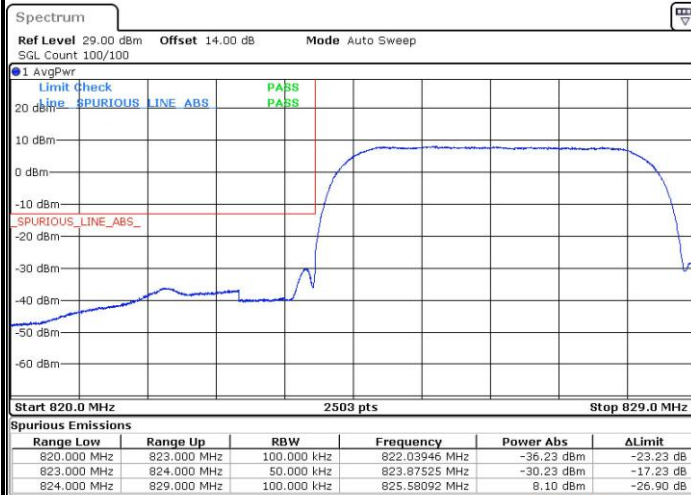




Conducted Band Edge

WCDMA Band V (RMC 12.2Kbps)

Lowest Band Edge



Highest Band Edge

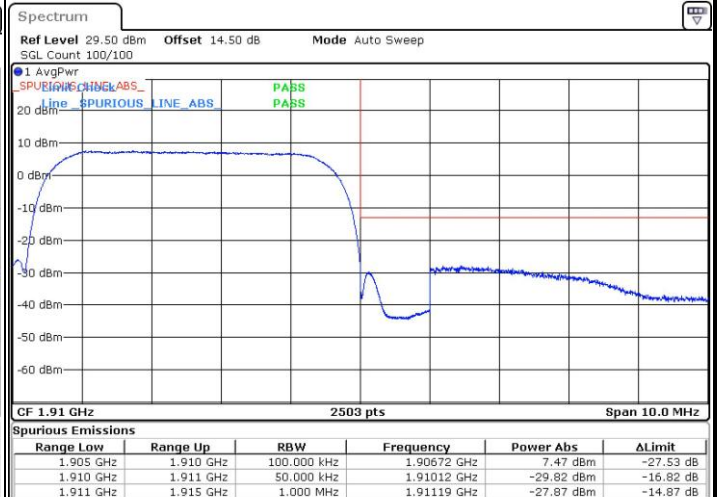


WCDMA Band II (RMC 12.2Kbps)

Lowest Band Edge



Highest Band Edge

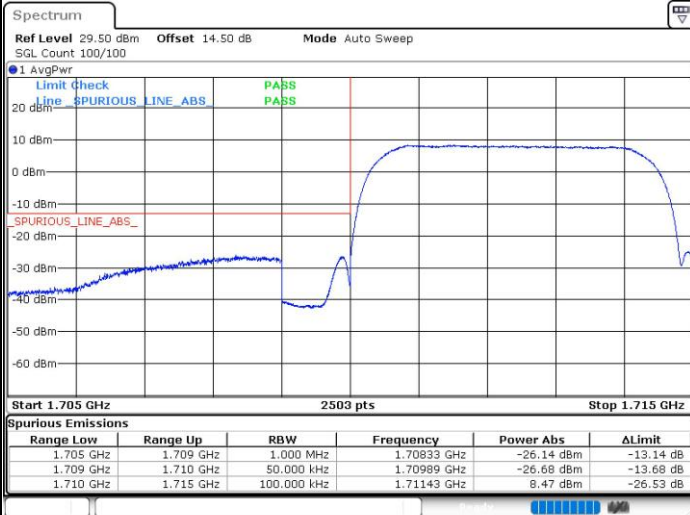




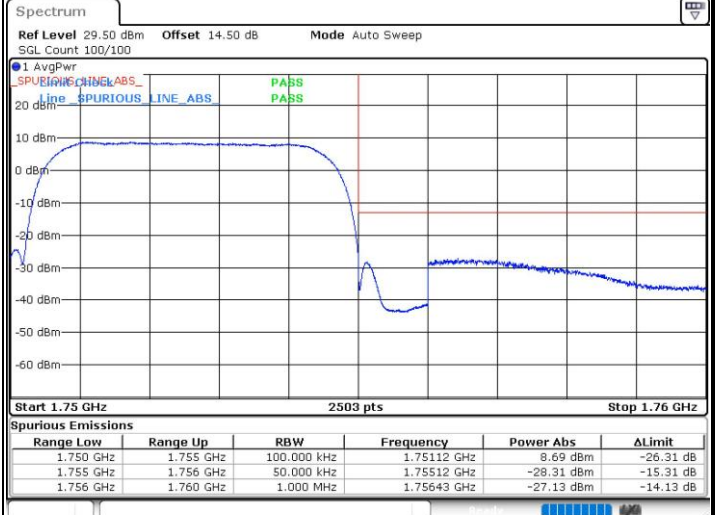
WCDMA Band IV (RMC 12.2Kbps)

Lowest Band Edge

Highest Band Edge



Date: 16.JUL.2025 14:09:28



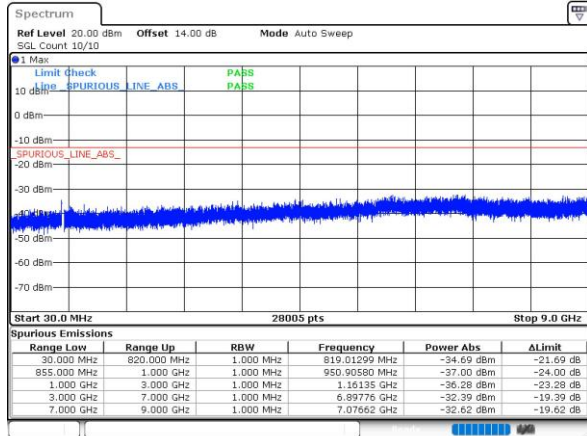
Date: 16.JUL.2025 14:13:56



Conducted Spurious Emission

WCDMA Band V (RMC 12.2Kbps)

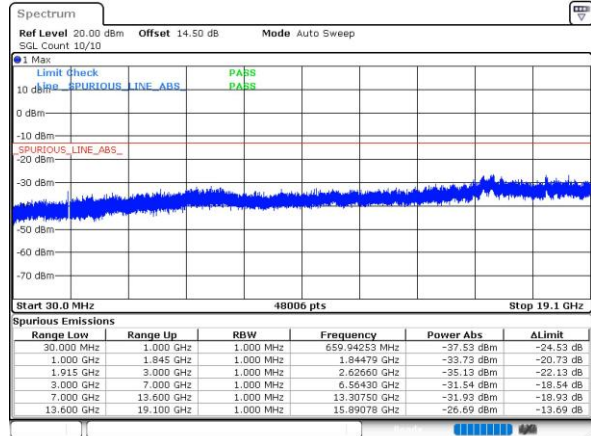
Lowest Channel



Date: 16.JUL.2025 14:18:07

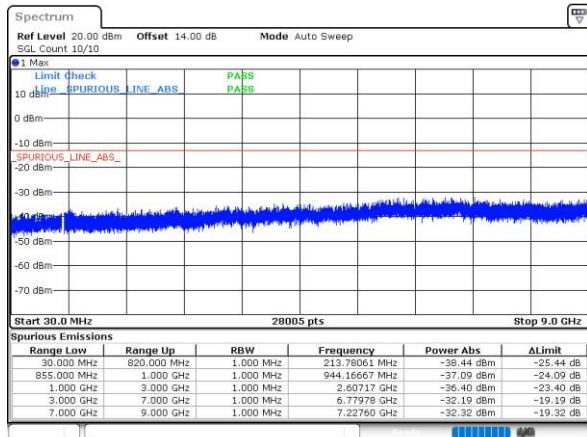
WCDMA Band II (RMC 12.2Kbps)

Lowest Channel



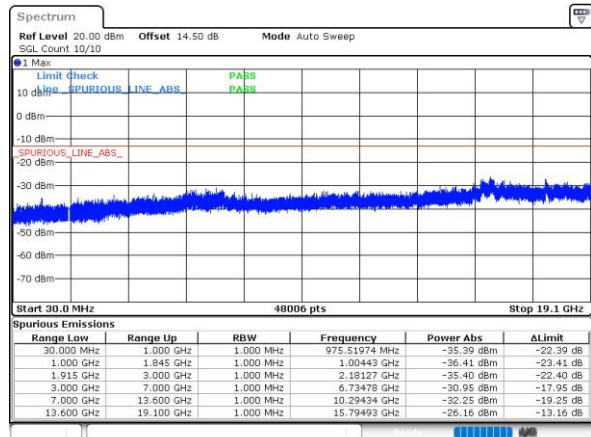
Date: 16.JUL.2025 14:02:16

Middle Channel

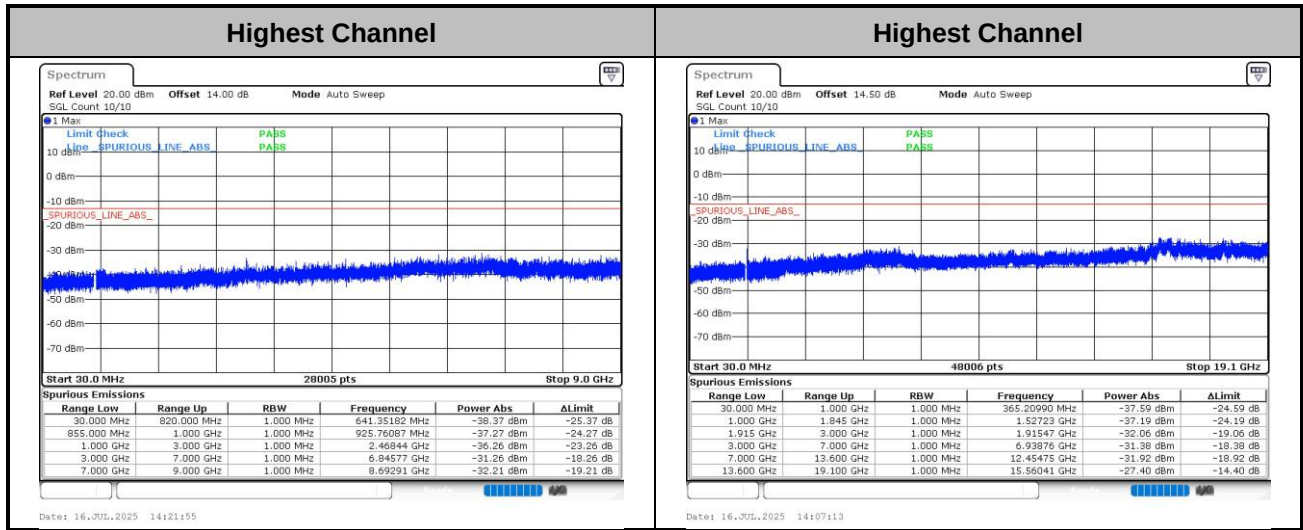


Date: 16.JUL.2025 14:19:44

Middle Channel



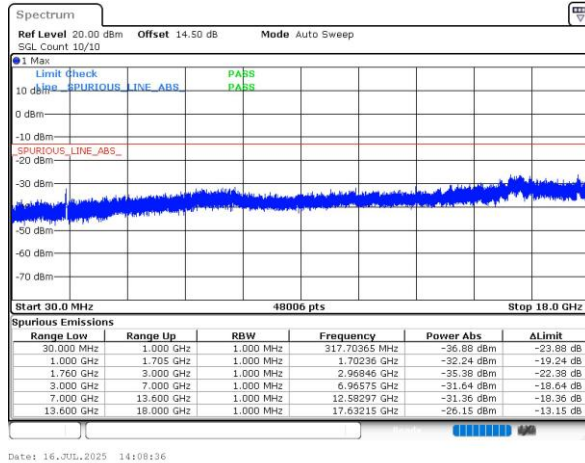
Date: 16.JUL.2025 14:03:49



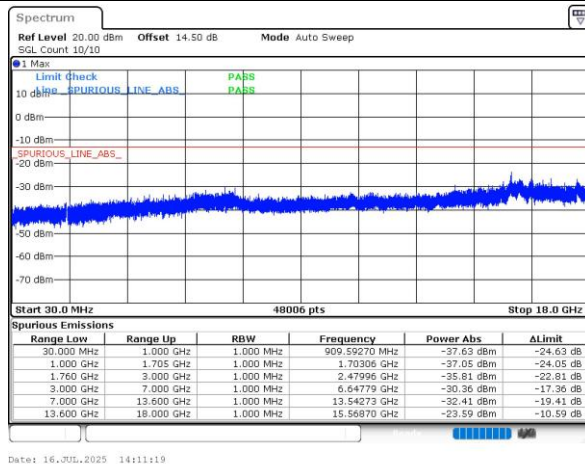


WCDMA Band IV (RMC 12.2Kbps)

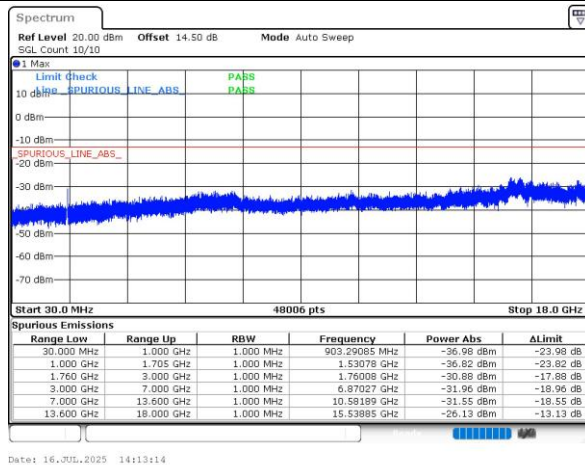
Lowest Channel



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	0.0008	PASS
40	Normal Voltage	0.0013	
30	Normal Voltage	0.0013	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0039	
0	Normal Voltage	0.0040	
-10	Normal Voltage	0.0014	
-20	Normal Voltage	0.0046	
-30	Normal Voltage	0.0013	
20	Maximum Voltage	0.0012	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0016	

Test Conditions	Middle Channel	WCDMA Band II (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0009	PASS
40	Normal Voltage	0.0027	
30	Normal Voltage	0.0002	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0001	
-10	Normal Voltage	0.0008	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0020	
20	Maximum Voltage	0.0015	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0001	



Test Conditions	Middle Channel	WCDMA Band IV (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0008	PASS
40	Normal Voltage	0.0085	
30	Normal Voltage	0.0013	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0014	
0	Normal Voltage	0.0025	
-10	Normal Voltage	0.0038	
-20	Normal Voltage	0.0044	
-30	Normal Voltage	0.0018	
20	Maximum Voltage	0.0026	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0013	

Note:

1. Normal Voltage = 3.91V. ; Battery End Point (BEP) = 3.7 V. ; Maximum Voltage =4.4V
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℃
		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) / ANT13									
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	-55.91	-13	-42.91	-65.48	-59.16	4.00	9.40	H
	2509.2	-61.71	-13	-48.71	-75.50	-65.28	4.88	10.60	H
	3345.6	-61.50	-13	-48.50	-77.11	-66.43	5.52	12.60	H
	1672.8	-59.93	-13	-46.93	-68.95	-63.18	4.00	9.40	V
	2509.2	-62.34	-13	-49.34	-76.09	-65.91	4.88	10.60	V
	3345.6	-61.95	-13	-48.95	-77.29	-66.88	5.52	12.60	V

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

GSM850 (EDGE 1 Tx slots) / ANT13									
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	-59.16	-13	-46.16	-68.73	-62.41	4.00	9.40	H
	2509.2	-63.24	-13	-50.24	-77.03	-66.81	4.88	10.60	H
	3345.6	-62.23	-13	-49.23	-77.84	-67.16	5.52	12.60	H
	1672.8	-60.74	-13	-47.74	-69.76	-63.99	4.00	9.40	V
	2509.2	-63.13	-13	-50.13	-76.88	-66.70	4.88	10.60	V
	3345.6	-62.62	-13	-49.62	-77.96	-67.55	5.52	12.60	V

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

GSM1900 (GSM) / ANT31									
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	-48.85	-13	-35.85	-66.97	-55.60	5.85	12.60	H
	5640	-58.36	-13	-45.36	-81.22	-64.16	7.30	13.10	H
	7520	-55.16	-13	-42.16	-80.98	-58.31	8.35	11.50	H
	3760	-52.21	-13	-39.21	-70.26	-58.96	5.85	12.60	V
	5640	-58.94	-13	-45.94	-81.05	-64.74	7.30	13.10	V
	7520	-54.84	-13	-41.84	-80.64	-57.99	8.35	11.50	V

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

GSM1900 (EDGE 1 Tx slots) / ANT31									
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	-47.87	-13	-34.87	-65.99	-54.62	5.85	12.60	H
	5640	-58.15	-13	-45.15	-81.01	-63.95	7.30	13.10	H
	7520	-54.89	-13	-41.89	-80.71	-58.04	8.35	11.50	H
	3760	-50.32	-13	-37.32	-68.37	-57.07	5.85	12.60	V
	5640	-58.66	-13	-45.66	-80.77	-64.46	7.30	13.10	V
	7520	-54.85	-13	-41.85	-80.65	-58.00	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) / ANT13									
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	-65.85	-13	-52.85	-75.42	-69.10	4.00	9.40	H
	2509.2	-63.14	-13	-50.14	-76.93	-66.71	4.88	10.60	H
	3345.6	-62.20	-13	-49.20	-77.81	-67.13	5.52	12.60	H
	1672.8	-66.03	-13	-53.03	-75.05	-69.28	4.00	9.40	V
	2509.2	-63.27	-13	-50.27	-77.02	-66.84	4.88	10.60	V
	3345.6	-62.52	-13	-49.52	-77.86	-67.45	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) / ANT31									
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	-60.51	-13	-47.51	-78.63	-67.26	5.85	12.60	H
	5640	-58.16	-13	-45.16	-81.02	-63.96	7.30	13.10	H
	7520	-54.92	-13	-41.92	-80.74	-58.07	8.35	11.50	H
	3760	-60.64	-13	-47.64	-78.69	-67.39	5.85	12.60	V
	5640	-58.18	-13	-45.18	-80.29	-63.98	7.30	13.10	V
	7520	-54.62	-13	-41.62	-80.42	-57.77	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) / ANT31									
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	-56.91	-13	-43.91	-73.58	-63.76	5.65	12.50	H
	5197.8	-58.91	-13	-45.91	-80.45	-64.58	7.13	12.80	H
	6930.4	-54.24	-13	-41.24	-79.58	-57.64	8.40	11.80	H
	3465.2	-59.36	-13	-46.36	-76.05	-66.21	5.65	12.50	V
	5197.8	-58.86	-13	-45.86	-80.71	-64.53	7.13	12.80	V
	6930.4	-54.90	-13	-41.90	-80.71	-58.30	8.40	11.80	V

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