



Bottom Antenna:

GSM850 (GSM)									
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)
Lowest	1648.4	-69.92	-13	-56.92	-78.99	-73.15	3.98	9.36	H
	2472.6	-67.09	-13	-54.09	-80.59	-70.64	4.85	10.55	H
	3296.8	-66.13	-13	-53.13	-81.71	-71.06	5.50	12.58	H
	1648.4	-70.35	-13	-57.35	-79.05	-73.58	3.98	9.36	V
	2472.6	-66.92	-13	-53.92	-80.35	-70.47	4.85	10.55	V
	3296.8	-66.39	-13	-53.39	-82.04	-71.32	5.50	12.58	V
Middle	1672.8	-69.79	-13	-56.79	-78.64	-73.04	4.00	9.40	H
	2509.2	-67.04	-13	-54.04	-80.52	-70.61	4.88	10.60	H
	3345.6	-66.55	-13	-53.55	-82.02	-71.48	5.52	12.60	H
	1672.8	-70.27	-13	-57.27	-78.91	-73.52	4.00	9.40	V
	2509.2	-66.47	-13	-53.47	-79.80	-70.04	4.88	10.60	V
	3345.6	-66.49	-13	-53.49	-81.96	-71.42	5.52	12.60	V
Highest	1697.6	-69.93	-13	-56.93	-78.91	-73.10	4.10	9.42	H
	2546.4	-66.86	-13	-53.86	-80.26	-70.44	4.90	10.63	H
	3395.2	-67.47	-13	-54.47	-82.50	-72.39	5.55	12.62	H
	1697.6	-70.00	-13	-57.00	-78.78	-73.17	4.10	9.42	V
	2546.4	-66.80	-13	-53.80	-80.10	-70.38	4.90	10.63	V
	3395.2	-67.24	-13	-54.24	-82.30	-72.16	5.55	12.62	V

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



GSM850 (EDGE class 8)									
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)
Lowest	1648.4	-70.27	-13	-57.27	-79.34	-73.50	3.98	9.36	H
	2472.6	-67.07	-13	-54.07	-80.57	-70.62	4.85	10.55	H
	3296.8	-66.64	-13	-53.64	-82.22	-71.57	5.50	12.58	H
	1648.4	-70.15	-13	-57.15	-78.85	-73.38	3.98	9.36	V
	2472.6	-67.09	-13	-54.09	-80.52	-70.64	4.85	10.55	V
	3296.8	-66.62	-13	-53.62	-82.27	-71.55	5.50	12.58	V
Middle	1672.8	-69.81	-13	-56.81	-78.66	-73.06	4.00	9.40	H
	2509.2	-66.68	-13	-53.68	-80.16	-70.25	4.88	10.60	H
	3345.6	-66.77	-13	-53.77	-82.24	-71.70	5.52	12.60	H
	1672.8	-70.33	-13	-57.33	-78.97	-73.58	4.00	9.40	V
	2509.2	-67.52	-13	-54.52	-80.85	-71.09	4.88	10.60	V
	3345.6	-66.66	-13	-53.66	-82.13	-71.59	5.52	12.60	V
Highest	1697.6	-69.90	-13	-56.90	-78.88	-73.07	4.10	9.42	H
	2546.4	-67.33	-13	-54.33	-80.73	-70.91	4.90	10.63	H
	3395.2	-67.31	-13	-54.31	-82.34	-72.23	5.55	12.62	H
	1697.6	-70.07	-13	-57.07	-78.85	-73.24	4.10	9.42	V
	2546.4	-67.29	-13	-54.29	-80.59	-70.87	4.90	10.63	V
	3395.2	-66.66	-13	-53.66	-81.72	-71.58	5.55	12.62	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)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3700.4	-64.39	-13	-51.39	-81.31	-71.15	5.82	12.58	H
	5550.6	-62.50	-13	-49.50	-83.41	-68.22	7.28	13.00	H
	7400.8	-56.46	-13	-43.46	-83.30	-59.62	8.32	11.48	H
	3700.4	-64.19	-13	-51.19	-81.14	-70.95	5.82	12.58	V
	5550.6	-62.47	-13	-49.47	-83.58	-68.19	7.28	13.00	V
	7400.8	-56.98	-13	-43.98	-83.5	-60.14	8.32	11.48	V
Middle	3760	-64.04	-13	-51.04	-81.04	-70.79	5.85	12.60	H
	5640	-61.90	-13	-48.90	-82.57	-67.70	7.30	13.10	H
	7520	-56.89	-13	-43.89	-83.16	-60.04	8.35	11.50	H
	3760	-64.38	-13	-51.38	-81.42	-71.13	5.85	12.60	V
	5640	-62.14	-13	-49.14	-83.21	-67.94	7.30	13.10	V
	7520	-57.51	-13	-44.51	-83.59	-60.66	8.35	11.50	V
Highest	3819.6	-64.24	-13	-51.24	-81.37	-70.98	5.88	12.62	H
	5729.4	-62.45	-13	-49.45	-83.46	-68.26	7.32	13.13	H
	7639.2	-57.28	-13	-44.28	-83.30	-60.44	8.38	11.54	H
	3819.6	-64.32	-13	-51.32	-81.51	-71.06	5.88	12.62	V
	5729.4	-62.13	-13	-49.13	-83.47	-67.94	7.32	13.13	V
	7639.2	-57.40	-13	-44.40	-83.27	-60.56	8.38	11.54	V

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



GSM1900 (EDGE class 8)									
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)
Lowest	3700.4	-64.22	-13	-51.22	-81.14	-70.98	5.82	12.58	H
	5550.6	-62.32	-13	-49.32	-83.23	-68.04	7.28	13.00	H
	7400.8	-56.82	-13	-43.82	-83.66	-59.98	8.32	11.48	H
	3700.4	-64.07	-13	-51.07	-81.02	-70.83	5.82	12.58	V
	5550.6	-62.51	-13	-49.51	-83.62	-68.23	7.28	13.00	V
	7400.8	-56.90	-13	-43.90	-83.42	-60.06	8.32	11.48	V
Middle	3760	-64.53	-13	-51.53	-81.53	-71.28	5.85	12.60	H
	5640	-62.87	-13	-49.87	-83.54	-68.67	7.30	13.10	H
	7520	-57.17	-13	-44.17	-83.44	-60.32	8.35	11.50	H
	3760	-64.38	-13	-51.38	-81.42	-71.13	5.85	12.60	V
	5640	-62.39	-13	-49.39	-83.46	-68.19	7.30	13.10	V
	7520	-57.37	-13	-44.37	-83.45	-60.52	8.35	11.50	V
Highest	3819.6	-64.55	-13	-51.55	-81.68	-71.29	5.88	12.62	H
	5729.4	-62.38	-13	-49.38	-83.39	-68.19	7.32	13.13	H
	7639.2	-56.79	-13	-43.79	-82.81	-59.95	8.38	11.54	H
	3819.6	-64.55	-13	-51.55	-81.74	-71.29	5.88	12.62	V
	5729.4	-61.75	-13	-48.75	-83.09	-67.56	7.32	13.13	V
	7639.2	-57.54	-13	-44.54	-83.41	-60.70	8.38	11.54	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)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1652.8	-69.61	-13	-56.61	-78.71	-72.84	3.98	9.36	H
	2479.2	-66.84	-13	-53.84	-80.34	-70.39	4.85	10.55	H
	3305.6	-66.44	-13	-53.44	-81.98	-71.37	5.50	12.58	H
	1652.8	-69.76	-13	-56.76	-78.49	-72.99	3.98	9.36	V
	2479.2	-67.33	-13	-54.33	-80.76	-70.88	4.85	10.55	V
	3305.6	-66.52	-13	-53.52	-82.11	-71.45	5.50	12.58	V
Middle	1672.8	-70.20	-13	-57.20	-79.05	-73.45	4.00	9.40	H
	2509.2	-67.07	-13	-54.07	-80.55	-70.64	4.88	10.60	H
	3345.6	-66.56	-13	-53.56	-82.03	-71.49	5.52	12.60	H
	1672.8	-69.93	-13	-56.93	-78.57	-73.18	4.00	9.40	V
	2509.2	-67.39	-13	-54.39	-80.72	-70.96	4.88	10.60	V
	3345.6	-66.80	-13	-53.80	-82.27	-71.73	5.52	12.60	V
Highest	1693.2	-69.63	-13	-56.63	-78.61	-72.80	4.10	9.42	H
	2539.8	-66.68	-13	-53.68	-80.07	-70.26	4.90	10.63	H
	3386.4	-67.41	-13	-54.41	-82.58	-72.33	5.55	12.62	H
	1693.2	-69.89	-13	-56.89	-78.67	-73.06	4.10	9.42	V
	2539.8	-67.45	-13	-54.45	-80.74	-71.03	4.90	10.63	V
	3386.4	-66.83	-13	-53.83	-82.03	-71.75	5.55	12.62	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)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3700.4	-64.20	-13	-51.20	-81.12	-70.96	5.82	12.58	H
	5550.6	-62.24	-13	-49.24	-83.15	-67.96	7.28	13.00	H
	7400.8	-56.91	-13	-43.91	-83.75	-60.07	8.32	11.48	H
	3700.4	-64.16	-13	-51.16	-81.11	-70.92	5.82	12.58	V
	5550.6	-62.02	-13	-49.02	-83.13	-67.74	7.28	13.00	V
	7400.8	-56.72	-13	-43.72	-83.24	-59.88	8.32	11.48	V
Middle	3760	-64.42	-13	-51.42	-81.42	-71.17	5.85	12.60	H
	5640	-62.47	-13	-49.47	-83.14	-68.27	7.30	13.10	H
	7520	-56.67	-13	-43.67	-82.94	-59.82	8.35	11.50	H
	3760	-64.01	-13	-51.01	-81.05	-70.76	5.85	12.60	V
	5640	-62.36	-13	-49.36	-83.43	-68.16	7.30	13.10	V
	7520	-57.24	-13	-44.24	-83.32	-60.39	8.35	11.50	V
Highest	3819.6	-64.67	-13	-51.67	-81.80	-71.41	5.88	12.62	H
	5729.4	-61.92	-13	-48.92	-82.93	-67.73	7.32	13.13	H
	7639.2	-57.42	-13	-44.42	-83.44	-60.58	8.38	11.54	H
	3819.6	-63.03	-13	-50.03	-80.22	-69.77	5.88	12.62	V
	5729.4	-61.71	-13	-48.71	-83.05	-67.52	7.32	13.13	V
	7639.2	-57.43	-13	-44.43	-83.3	-60.59	8.38	11.54	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)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3424.8	-63.11	-13	-50.11	-78.43	-69.99	5.60	12.48	H
	5137.2	-60.76	-13	-47.76	-80.85	-66.44	7.10	12.78	H
	6849.6	-59.10	-13	-46.10	-83.99	-62.49	8.38	11.77	H
	3424.8	-65.00	-13	-52.00	-80.36	-71.88	5.60	12.48	V
	5137.2	-57.26	-13	-44.26	-77.78	-62.94	7.10	12.78	V
	6849.6	-58.60	-13	-45.60	-83.72	-61.99	8.38	11.77	V
Middle	3465.2	-61.18	-13	-48.18	-76.80	-68.03	5.65	12.50	H
	5197.8	-60.15	-13	-47.15	-80.32	-65.82	7.13	12.80	H
	6930.4	-58.88	-13	-45.88	-84.17	-62.28	8.40	11.80	H
	3465.2	-64.87	-13	-51.87	-80.52	-71.72	5.65	12.50	V
	5197.8	-57.97	-13	-44.97	-78.59	-63.64	7.13	12.80	V
	6930.4	-58.80	-13	-45.80	-84.2	-62.20	8.40	11.80	V
Highest	3505.2	-61.89	-13	-48.89	-77.80	-68.73	5.68	12.52	H
	5257.8	-61.70	-13	-48.70	-81.34	-67.37	7.15	12.82	H
	7010.4	-58.24	-13	-45.24	-83.89	-61.67	8.42	11.85	H
	3505.2	-65.23	-13	-52.23	-81.17	-72.07	5.68	12.52	V
	5257.8	-61.05	-13	-48.05	-80.7	-66.72	7.15	12.82	V
	7010.4	-58.38	-13	-45.38	-84.13	-61.81	8.42	11.85	V

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



CDMA BC0(1xRTT)									
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)
Lowest	1649.4	-69.89	-13	-56.89	-78.96	-73.12	3.98	9.36	H
	2474.1	-67.01	-13	-54.01	-80.51	-70.56	4.85	10.55	H
	3298.8	-66.60	-13	-53.60	-82.18	-71.53	5.50	12.58	H
	1649.4	-70.33	-13	-57.33	-79.03	-73.56	3.98	9.36	V
	2474.1	-66.83	-13	-53.83	-80.26	-70.38	4.85	10.55	V
	3298.8	-66.49	-13	-53.49	-82.14	-71.42	5.50	12.58	V
Middle	1673.04	-70.22	-13	-57.22	-79.07	-73.47	4.00	9.40	H
	2509.56	-66.82	-13	-53.82	-80.30	-70.39	4.88	10.60	H
	3346.08	-67.13	-13	-54.13	-82.60	-72.06	5.52	12.60	H
	1673.04	-70.30	-13	-57.30	-78.94	-73.55	4.00	9.40	V
	2509.56	-67.57	-13	-54.57	-80.90	-71.14	4.88	10.60	V
	3346.08	-66.80	-13	-53.80	-82.27	-71.73	5.52	12.60	V
Highest	1696.62	-69.71	-13	-56.71	-78.69	-72.88	4.10	9.42	H
	2544.93	-67.00	-13	-54.00	-80.40	-70.58	4.90	10.63	H
	3393.24	-67.12	-13	-54.12	-82.15	-72.04	5.55	12.62	H
	1696.62	-70.13	-13	-57.13	-78.91	-73.30	4.10	9.42	V
	2544.93	-67.14	-13	-54.14	-80.44	-70.72	4.90	10.63	V
	3393.24	-67.24	-13	-54.24	-82.30	-72.16	5.55	12.62	V

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

CDMA BC1(1xRTT)									
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)
Lowest	3702.5	-64.11	-13	-51.11	-81.03	-70.87	5.82	12.58	H
	5553.75	-62.74	-13	-49.74	-83.65	-68.46	7.28	13.00	H
	7405	-56.63	-13	-43.63	-83.47	-59.79	8.32	11.48	H
	3702.5	-64.44	-13	-51.44	-81.39	-71.20	5.82	12.58	V
	5553.75	-62.38	-13	-49.38	-83.49	-68.10	7.28	13.00	V
	7405	-56.99	-13	-43.99	-83.51	-60.15	8.32	11.48	V
Middle	3760	-63.99	-13	-50.99	-80.99	-70.74	5.85	12.60	H
	5640	-62.57	-13	-49.57	-83.24	-68.37	7.30	13.10	H
	7520	-56.96	-13	-43.96	-83.23	-60.11	8.35	11.50	H
	3760	-63.51	-13	-50.51	-80.55	-70.26	5.85	12.60	V
	5640	-62.33	-13	-49.33	-83.4	-68.13	7.30	13.10	V
	7520	-57.31	-13	-44.31	-83.39	-60.46	8.35	11.50	V
Highest	3760	-64.41	-13	-51.41	-81.41	-71.15	5.88	12.62	H
	5640	-62.67	-13	-49.67	-83.34	-68.48	7.32	13.13	H
	7520	-57.16	-13	-44.16	-83.43	-60.32	8.38	11.54	H
	3760	-63.92	-13	-50.92	-80.96	-70.66	5.88	12.62	V
	5640	-62.31	-13	-49.31	-83.38	-68.12	7.32	13.13	V
	7520	-57.02	-13	-44.02	-83.1	-60.18	8.38	11.54	V

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