1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 Band V_ERP

Band V								
ENV	Mode		Frequency (MHz)	Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
	Network	Subset				Result	Limit	
NTNV	RMC	12.2kbps RMC	826.4	23.65	3.53	25.03	<=38.45	Pass
			836.6	23.74	3.53	25.12	<=38.45	Pass
			846.6	23.72	3.53	25.10	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

2. Field Strength of Spurious Radiation

Test Band = WCDMA_ Band V_TM1
Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1250	49.68	-47.19	24.50	-68.27	-13.00	55.27	Horizontal
2	1812.5	57.57	-46.60	25.45	-58.84	-13.00	45.84	Horizontal
3	1937.5	57.42	-46.46	25.48	-58.82	-13.00	45.82	Horizontal
4	3187.5	51.13	-44.73	28.48	-60.38	-13.00	47.38	Horizontal
5	5850.5	44.79	-41.23	32.60	-59.10	-13.00	46.10	Horizontal
6	8755.5	41.80	-35.68	36.77	-52.37	-13.00	39.37	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1347	47.62	-47.11	25.07	-69.68	-13.00	56.68	Vertical
2	1937.5	54.81	-46.46	25.48	-61.43	-13.00	48.43	Vertical
3	2539.5	51.72	-45.52	27.80	-61.26	-13.00	48.26	Vertical
4	3187.5	49.25	-44.73	28.48	-62.26	-13.00	49.26	Vertical
5	5497.5	45.27	-41.74	32.39	-59.34	-13.00	46.34	Vertical
6	9516	41.94	-35.08	37.80	-50.60	-13.00	37.60	Vertical

Test Band = WCDMA_ Band V _TM1
Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1416	47.11	-46.77	25.03	-69.89	-13.00	56.89	Horizontal
2	1812.5	57.24	-46.60	25.45	-59.17	-13.00	46.17	Horizontal
3	1937.5	57.77	-46.46	25.48	-58.47	-13.00	45.47	Horizontal
4	3062.5	50.68	-45.30	28.83	-61.05	-13.00	48.05	Horizontal
5	4736	46.32	-42.98	30.53	-61.39	-13.00	48.39	Horizontal
6	8490	41.62	-36.01	36.48	-53.17	-13.00	40.17	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1250	48.61	-47.19	24.50	-69.34	-13.00	56.34	Vertical
2	1937.5	55.13	-46.46	25.48	-61.11	-13.00	48.11	Vertical
3	2603.5	59.82	-45.55	27.90	-53.09	-13.00	40.09	Vertical
4	4014.5	46.16	-43.78	29.74	-63.14	-13.00	50.14	Vertical
5	7058.5	43.72	-38.91	36.15	-54.30	-13.00	41.30	Vertical
6	9982.5	41.49	-35.01	38.68	-50.10	-13.00	37.10	Vertical

Test Band = WCDMA_ Band V_TM1
Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1250	50.20	-47.19	24.50	-67.75	-13.00	54.75	Horizontal
2	1812.5	56.34	-46.60	25.45	-60.07	-13.00	47.07	Horizontal
3	1937.5	57.57	-46.46	25.48	-58.67	-13.00	45.67	Horizontal
4	2538.5	52.31	-45.53	27.80	-60.68	-13.00	47.68	Horizontal
5	4409.5	45.62	-43.25	30.10	-62.79	-13.00	49.79	Horizontal
6	9485.5	41.90	-35.01	37.71	-50.66	-13.00	37.66	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1250	48.26	-47.19	24.50	-69.69	-13.00	56.69	Vertical
2	1937.5	54.20	-46.46	25.48	-62.04	-13.00	49.04	Vertical
3	2528.5	51.87	-45.60	27.80	-61.19	-13.00	48.19	Vertical
4	4952	45.76	-42.62	31.01	-61.11	-13.00	48.11	Vertical
5	7046	43.44	-38.90	36.15	-54.57	-13.00	41.57	Vertical
6	8473	41.88	-36.06	36.45	-52.99	-13.00	39.99	Vertical

Remark:
1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:
AF = Antenna Factor(dB/m)
Factor = Cable Factor(dB) - Preamplifier (dB)
Level = Reading Level + AF + Factor -95.26
Margin = Limit – Level

---End of Attachment---