

Band IV								
ENV	Mode		Frequency (MHz)	Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
	Network	Subset				Result	Limit	
NTNV	RMC	12.2kbps RMC	1712.4	23.59	3.83	27.42	<=30	Pass
			1732.6	23.61	3.83	27.44	<=30	Pass
			1752.6	23.62	3.83	27.45	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Field Strength of Spurious Radiation

Test Band = WCDMA_ Band IV _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	3062.5	51.47	-44.45	28.83	-59.41	-13.00	46.41	Horizontal
2	4901	46.46	-42.41	30.90	-60.31	-13.00	47.31	Horizontal
3	7412	44.04	-37.94	36.72	-52.44	-13.00	39.44	Horizontal
4	11037.5	43.29	-34.18	40.14	-46.01	-13.00	33.01	Horizontal
5	14667.5	41.61	-33.64	41.77	-45.52	-13.00	32.52	Horizontal
6	17983.5	40.22	-39.76	47.90	-46.90	-13.00	33.90	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3062.5	50.54	-44.45	28.83	-60.34	-13.00	47.34	Vertical
2	4785	46.75	-42.67	30.71	-60.47	-13.00	47.47	Vertical
3	7416	44.02	-37.91	36.73	-52.42	-13.00	39.42	Vertical
4	11084.5	43.63	-34.62	40.18	-46.07	-13.00	33.07	Vertical
5	14675.5	42.33	-33.73	41.80	-44.86	-13.00	31.86	Vertical
6	17994	40.11	-39.77	48.09	-46.83	-13.00	33.83	Vertical

Test Band = WCDMA_Band IV_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	3062.5	53.11	-44.45	28.83	-57.77	-13.00	44.77	Horizontal
2	4647.5	46.81	-42.90	30.20	-61.15	-13.00	48.15	Horizontal
3	7430.5	44.42	-37.83	36.76	-51.91	-13.00	38.91	Horizontal
4	11498.5	44.10	-34.62	40.20	-45.58	-13.00	32.58	Horizontal
5	14799.5	41.75	-32.51	41.60	-44.42	-13.00	31.42	Horizontal
6	17990	40.13	-39.76	48.02	-46.87	-13.00	33.87	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3062.5	51.12	-44.45	28.83	-59.76	-13.00	46.76	Vertical
2	4306.5	47.14	-43.14	29.55	-61.71	-13.00	48.71	Vertical
3	7435.5	44.09	-37.80	36.77	-52.20	-13.00	39.20	Vertical
4	11525.5	44.12	-34.58	40.23	-45.49	-13.00	32.49	Vertical
5	14803.5	41.51	-32.51	41.58	-44.68	-13.00	31.68	Vertical
6	17980	40.92	-39.75	47.84	-46.25	-13.00	33.25	Vertical

Test Band = WCDMA_ Band IV Band IV _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	3062.5	52.60	-44.45	28.83	-58.28	-13.00	45.28	Horizontal
2	4648	46.86	-42.90	30.20	-61.10	-13.00	48.10	Horizontal
3	7394	44.35	-38.04	36.68	-52.27	-13.00	39.27	Horizontal
4	11029	43.24	-34.09	40.13	-45.98	-13.00	32.98	Horizontal
5	14798.5	41.95	-32.56	41.60	-44.27	-13.00	31.27	Horizontal
6	17992.5	40.23	-39.76	48.07	-46.72	-13.00	33.72	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3062.5	51.26	-44.45	28.83	-59.62	-13.00	46.62	Vertical
2	4808.5	46.76	-42.65	30.77	-60.38	-13.00	47.38	Vertical
3	7472	44.31	-37.87	36.84	-51.98	-13.00	38.98	Vertical
4	11042	43.34	-34.22	40.14	-46.00	-13.00	33.00	Vertical
5	14801	41.61	-32.49	41.59	-44.55	-13.00	31.55	Vertical
6	17988	40.25	-39.76	47.98	-46.79	-13.00	33.79	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---