

## SUMMARY REPORT FOR EMF MEASUREMENT

Measurement of electro-magnetic Fields from Base Station Antennas

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1	Date of measurement	05-Apr-10		
2	Test instruments used Name of Instruments/make/calibration date.	Spectrum Analyzer R & S FSH 6, Isotropic Probe TS-EMF		
3	Location of BTS	Garh Road , Merrut, MER 041		
4	Address of BTS	M/s Bhagwati complex Near Hapur Bus Stand Garh		
5	Technology Types of BTS (GSM, CDMA, W-CDMA, 3-G and Wi-Max etc)	GSM 1800 MHz		
6	<b>Measurement Particulars</b>	GSM A	GSM B	GSM C
	(a) Frequency of BTS/BTSs	1805.2–1879.8	1805.2–1879.8	1805.2–1879.8
	(b) Tx power	43 dbm	43 dbm	43 dbm
	© Whether single or multile antenna	Single / Sector	Single / Sector	Single / Sector
	(d) longitude of BTS	77 42 55.44	77 42 55.44	77 42 55.44
	(e) Latitude of BTS	28 58 23.16	28 58 23.16	28 58 23.16
	(f) Roof Top height	13	13	13
	(g) Antenna height above Roof Top	7	11	14
	(h) Antenna height for ground based antenna	N/A	N/A	N/A
7	Maximum field strength measured at different horizontal distance and height.			
	A) E-Field(v/m)	6.35V/m at 18m from Base of Tower, on Roof Top, 260 Deg Azimuth		
	B) H-Field(A/m)	N/R		
	C) power density (W/m <sup>2</sup> )	N/R		
	Any one of the above can be measured preferably and recorded for Far Field measurement.	N/R		
8	Whether fencing provided for restricted area.	NO		
9	Whether Danger RF radiation Do not enter! sign for safety displayed	NO		
9	Any other remarks	Idea Tower is on same building, Reliance Tower is on adjacent building		
10	Conclusion	SITE IS NORMALLY COMPLIANT		