

Government of India
Department of Telecommunications
(Access Services Cell)
Sanchar Bhawan, 20, Ashoka Road New Delhi - 110 001

File No: 800-15/2010-VAS

Dated: 10.01.2013

Amendment 1 of 2013

To

All UAS Licensee(s)

Subject: Amendment to Unified Access Service License.

In exercise of the powers vested in the Licensor under clause 5.1 of Unified Access Service (UAS) Licence Agreement, inter-alia, reserving the right to modify at any time the terms and conditions of the LICENCE, in public interest, security of the nation or proper conduct of the SERVICE, the Licensor hereby amends, with immediate effect, the following clause(s) of the said Licence, namely:

Clause No.	Existing Clause	Amended Clause																								
43.6 A.	<p>Licensee shall conduct audit and provide self certificates annually as per procedure prescribed by Telecommunication Engineering Centre (TEC)/or any other agency authorized by Licensor from time to time for confirming to limits/levels for antennae (Base Station Emissions) for general public exposure as prescribed by International Commission on Non-Ionizing Radiation Protection (ICNIRP) from time to time. The present limits/levels are reproduced as detailed below:</p> <table border="1"> <thead> <tr> <th>Frequency Range</th> <th>E-Field Strength (Volt/Meter (V/m))</th> <th>H-Field Strength (Amp/Meter (A/m))</th> <th>Power Density (Watt/Sq.Meter (W/Sq.m))</th> </tr> </thead> <tbody> <tr> <td>400MHz to 2000MHz</td> <td>$1.375f^{1/2}$</td> <td>$0.0037f^{1/2}$</td> <td>$f/200$</td> </tr> <tr> <td>2GHz to 300GHz</td> <td>61</td> <td>0.16</td> <td>10</td> </tr> </tbody> </table> <p>(f = frequency in MHz)</p> <p>Note: The compliance in the form of Self Certificate shall commence six months after the date of issue of prescribed test procedure by TEC or any other agency authorized by Licensor."</p>	Frequency Range	E-Field Strength (Volt/Meter (V/m))	H-Field Strength (Amp/Meter (A/m))	Power Density (Watt/Sq.Meter (W/Sq.m))	400MHz to 2000MHz	$1.375f^{1/2}$	$0.0037f^{1/2}$	$f/200$	2GHz to 300GHz	61	0.16	10	<p>Licensee shall conduct audit and provide self certificates after every two year as per procedure prescribed by Telecommunication Engineering Centre (TEC)/or any other agency authorized by Licensor from time to time for conforming to limits/levels for antennae (Base Station) Emissions for general public exposure as prescribed by International Commission on Non-Ionizing Radiation Protection (ICNIRP) from time to time. The present limits/levels are reproduced as detailed below:</p> <table border="1"> <thead> <tr> <th>Frequency Range</th> <th>E-Field Strength (Volt/Meter (V/m))</th> <th>H-Field Strength (Amp/Meter (A/m))</th> <th>Power Density (Watt/Sq.Meter (W/Sq.m))</th> </tr> </thead> <tbody> <tr> <td>400MHz to 2000MHz</td> <td>$0.434f^{1/2}$</td> <td>$0.0011f^{1/2}$</td> <td>$f/2000$</td> </tr> <tr> <td>2GHz to 300GHz</td> <td>19.29</td> <td>0.05</td> <td>1</td> </tr> </tbody> </table> <p>(f = frequency in MHz)</p>	Frequency Range	E-Field Strength (Volt/Meter (V/m))	H-Field Strength (Amp/Meter (A/m))	Power Density (Watt/Sq.Meter (W/Sq.m))	400MHz to 2000MHz	$0.434f^{1/2}$	$0.0011f^{1/2}$	$f/2000$	2GHz to 300GHz	19.29	0.05	1
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2. In view of above amendment, the date of submission of self certificates to respective TERM Cells for the current two year cycle for BTS other than those BTS which are newly installed or upgraded during this two year cycle, shall end on 31.03.2013. This implies that for the current cycle, the last date of submission of self certificates is 31.03.2013. For a BTS which is newly installed or upgraded during the two year cycle, the self certificates shall continue to be submitted to respective TERM Cells as per existing instructions.

3. The date of self certification of a site in a particular two year cycle should be after a gap of at least one year from the date of self certification of that site in the previous cycle. The revised limits/ levels of RF norms as provided in amended clause in above table are applicable from 01.09.2012 for which instructions have already been issued vide letter of even no. dated 30.12.2011 and 10.04.2012.

10.04.2013
(A.K. Tirkey)
ADG (AS-II)

Copy to:

1. Secretary, TRAI
2. Sr. DDG, TEC
3. DDG (Security /TERM), DoT
4. DDG (CS), DoT
5. All DDsG TERM.
6. Director (AS-I)/ Director (AS-III)/ Director (AS-IV), DoT

10.04.2013