

Government of India
Department of Telecommunications
(Access Services Cell)

No. 800-15/2010-VAS-III/67

Dated 27.08.2010

All CMTS/ UAS Licensees

Sub: Supplement on Test Procedure for measurement of EMF from Base Transceiver Station Antenna


This is with reference to the meeting held in TEC on 17.08.2010 to discuss the issues raised by the Service Providers with regard to supplement document circulated vide this office letter dated 04.08.2010. Vide above letter, the comments of the associations viz. COAI and AUSPI and BSNL & MTNL were sought. Comments from COAI and BSNL were received. The issues were deliberated in the meeting of 17.08.2010 and following was clarified:

2. With reference to points raised by AUSPI at para 4, it was clarified that all the BTS installed before 8th May 2010 needs to be self certified and certificate submitted by 15.11.2010. BTS installed after 8th May 2010, must be self certified before it starts radiating as per instructions dated 8th April 2010. Regarding comments of AUSPI on supplement document, following were clarified:

- (i) Electromagnetic mapping by software simulation is not mandatory for self certification.
- (ii) Either of the approach, self certification or electromagnetic mapping by software may be adopted.
- (iii) There was a typographical error regarding broadband measurement test where the 1% of the reference level is mentioned. It shall be corrected as 10% in place of 1% by TEC.
- (iv) TEC shall specify the minimum size for the sign boards. Also with regard to suggestions on signage, the necessary modification shall be issued by TEC in order to convey adequate warning. The supplement document shall be issued by TEC after incorporating above changes.

3. With regard to points raised by BSNL regarding providing the data of non-BSNL sites, it was clarified that BSNL should align with the other operators and provide the data as other operators also have no issue in providing the data. Further, with regard to issues raised by BSNL regarding shared sites, it was reiterated that as per exiting policy, every operator shall be responsible for compliance to radiation norms in case of shared sites.

4. In view, of time constraint pointed out by all Service Providers in Self Certifying the BTS sites, for the first time of self certification for existing sites (before 8th May 2010) for which the self certificates are to be submitted by 15.11.2010, the requirement of photograph and layout for individual sites has been made optional. However, for the shared sites all the documents as prescribed by TEC in the test procedure shall be submitted. Also, for subsequent annual certifications, the certificates for which shall be submitted by 15th of November every year, all the requirement of photograph and site layout etc. shall be required to be fulfilled for all the sites.


(Vinod Kumar)
Director (AS-II)

Copy to:

1. Sr. DDG, TEC
2. DDG (Security-TERM), DOT
3. DDG (CS), DOT
4. COAI/AUSPI