Government of India  
Ministry of Communications  
Department of Telecommunications  
Wireless Planning & Coordination (WPC) Wing  
6th floor, Sanchar Bhawan,  
20, Ashoka Road, New Delhi 110001.

No.: L-14006/01/2021-NTG (Part)  
Date: 02.12.2021

To,

The Secretary  
Telecom Regulatory Authority of India  
Mahanagar Doorsanchar Bhawan  
Jawahar Lal Nehru Marg (Old Minto Road)  
New Delhi-110002.

Subject: Forwarding of MIB transmitters in 526-582 MHz band.

Reference:  
(2) TRAI letter No. C-15/2/(1)/2021-NSL-II dated 27.09.2021.  
(3) DoT letter of even no. dated 27.11.2021.

Sir,

In response to TRAI’s above-referred letter dated 27.09.2021, DoT had provided clarifications/ information vide letter dated 02.11.2021, wherein it was *inter alia* informed that details regarding transmitters of Ministry of Information & Broadcasting (MIB) in 526-582 MHz band have been sought from respective user departments. Subsequently, vide our above-referred letter dated 27.11.2021, it was informed that details of transmitters from MIB will be communicated shortly.

2. MIB vide letter (No. 2/31/2020-BP&L/BD) dated 29.11.2021 have provided details of terrestrial TV broadcasting transmitters in 526-582 MHz band, protection criteria required and other related information. The letter of MIB is attached as Annexure.

This issues with the approval of Member (T).

Encl: As above.

(Avneesh Kumar)  
Assistant Wireless Adviser to the Government of India
Comments/information pertaining to Prasar Bharati (DD) wrt JWA, WPC letter dated 02.11.2021 regarding Protection to MIB transmitters in the frequency bands 526-582 MHZ band

i. At present frequency band 526-582 MHZ is being used by Prasar Bharati (DD) for providing Terrestrial TV Broadcasting. Many Analogue, Digital Ready and Digital Terrestrial TV Transmitters are operating in the band. The old outlived Analogue Terrestrial TV (ATT) Transmitters are already being rationalized/phased out for migration towards digital.

ii. Details of transmitter locations in the 526-582 MHZ band (existing/upcoming/approved), with site coordinates (latitude-longitude), etc. are provided in Annexure.

iii. As regards keep out distance required to be maintained between TV Transmitters and IMT, it is submitted that results of studies conducted by ITU for sharing and compatibility studies are available as REPORTITU-RBT.2337-1 {Sharing and compatibility studies between digital terrestrial television broadcasting and terrestrial mobile broadband applications, including IMT in the frequency band 470-694/698 MHz} [https://www.itu.int/pub/R-REP-BT.2337]. As per the inferences drawn in the analysis, separation distances between MS (IMT) base-stations and DTTB receivers/transmitters are several tens of kms.

iv. In order to ensure protection to the TV Transmitter services, the keep out distances are required to be kept as secondary coverage Zone of the Transmitters which usually depends on Antenna/Tower Height, Transmitter Power and frequency band of operation etc. Suggestive keep out distance in kilometers is indicated location wise. Exact keep out distance however may vary as per actual site study reports.

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<table>
<thead>
<tr>
<th>Sr No.</th>
<th>State</th>
<th>Tx Location</th>
<th>Latitude</th>
<th>Longitude</th>
<th>Suggestive keep out distance from IMT (in Kms.)</th>
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