

Format

Contribution for updating National Frequency Allocation Table-2022 (upto1 GHz band)		
1	Name of Individual/Organization etc	National Centre for Radio Astrophysics - Tata Institute of Fundamental Research
2	Address	Pune University Campus, Post Bag 3, Ganeshkhind Pune 411007, INDIA
3	Mail ID	ygupta@ncra.tifr.res.in
4	Phone/Mobile no.	+91 20 2571 9000/9111
5(a)*	Nature of business	Pure Research (Astronomy)
5 (b)	Type of Organisation (Pvt industry, Association, academia, PSU, government departments etc.)	Government (Department of Atomic Energy)
6	Frequency band (kHz/MHz)	608 to 614 MHz
7*	Applications of service	Radio Astronomy Service
8	Minimum & Maximum power with unit	
9	Purpose	Radio Astronomy
10 (a)	Countries in which similar applications are used along with web link (if known)	
10 (b)	Provisions in frequency allocation table along with footnote of the country along with web link (if known)	
11	Radio Regulations provisions (if known)	ITU-R RA.314-10 Allocation (primary) in Region 2, the African Broadcasting Area (606-614 MHz), China (606-614 MHz) and India.
12*	Type of Radiocommunication service	RAS
13	Compatible Wireless Standard for the device likely to work in the proposed band (ETSI, 3GPP, IEEE, EC, FCC ,TEC etc or any proprietary standard)	
14	Benefit for public	Progress in scientific inquiry and exploration of the Universe. Adds to pride of India and development of scientific temper in the society at large.
15	If modification in NFAP-2022 footnote then quote relevant footnote no. of NFAP-22	IND 16

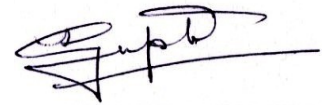
16	Remarks	<p>As per ITU-R RA.314-10 (Table 3), the primary allocation of 608-614 MHz band is for RAS. However, footnote IND 16 in NFAP-2022 includes the band as identified for implementation of IMT.</p> <p>To seek protection in this RAS band we request that the following note be added to IND 16: “IMT allocations may not be made in the 608-614 MHz band in a 30 km radius around the radio astronomy facility referred to in IND 13. Additionally, in view of the fact that the primary allocation of this band is for RAS, protection from TSP services be provided to any new RAS facilities which might be setup in the future on Indian soil.”</p>

Note.

5* . Construction service / Manufacturing service/ Shipping Service/Aeronautical Service etc

7*. Specify the operation of service (e.g Hand held radio/ Vehicle mobile radio/ point to point links/FM/Community Radio/Aeromobile/Short Rang Device etc.

12* Amateur/Fixed/Land mobile/Aeronautical mobile/Maritime Mobile/Aeronautical radio navigation/FM broadcast/Community Radio Service etc



Date and Signature
19 November, 2024