

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
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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

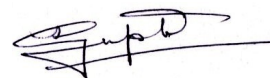
16	Remarks	As per ITU-R RA.314-10 (Table 3), the primary allocation of 608-614 MHz band is for RAS. However, footnote IND 16 in NFAP-2022 includes the band as identified for implementation of IMT. We request for this to be corrected by omitting this RAS band from the table provided in IND 16. The modification needed to the table is shown in the Appendix to this document (note only a part of the table has been reproduced here).

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



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27th August 2024

Appendix

IND 16 The following frequency bands, or parts thereof, have been identified for implementation of International Mobile Telecommunications (**IMT**):

Sl. No.	Bands as mentioned in RR	Relevant RR Footnotes
1	450-455 MHz	5.286AA
2	455-456 MHz	
3	456-459 MHz	
4	459-460 MHz	
5	460-470 MHz	
6	470-585 MHz	5.296A, Notes below
7	585- 610 608 MHz	
8	610 614-890 MHz	5.313A, 5.317A, Notes below
9	890-942 MHz	
10	942-960 MHz	
11	1427-1429 MHz	5.341C, 5.346A
12	1429-1452 MHz	
13	1452-1492 MHz	
14	1492-1518 MHz	