Susan Future Technologies

SFT/NFAP-2022RR/WG2/HIBS

Contribution for updating National Frequency Allocation Table-2022 (freq. 1 to 6 GHz)		
1	Name of Individual/Organization etc	Susan Future Technologies Private Limited
2	Address	IITM Incubation Cell, D Block, Third Floor, IIT Madras Research Park, Kanagam Road, Taramani, Chennai - 600113, Tamil Nadu
3	Mail ID	suresh@susanfuturetechnologies.com
4	Phone/Mobile no.	9486675847
5(a)	Nature of business	ICT enabled product manufacturing, service and solution provider
5 (b)	Type of Organisation (Pvt industry, Association, academia, PSU, government departments etc.)	Pvt industry

6	Frequency band (kHz/MHz)	• 1710-1980 MHz, 2010-2025 MHz and 2110-2170 MHz • 2 500-2 655 MHz
7	Applications of service	International Mobile Telecommunications
8	Minimum & Maximum power with unit	19 dBW & 28 dBW (Platform e.i.r.p./cell)
9	Purpose	Service-Link in High Altitude Platform Station as IMT Base Station (HIBS)
10 (a)	Countries in which similar applications are used along with web link (if known)	Jamaica https://www.sma.gov.jm/wp-content/uploads/2024/06/National-Frequency-Allocation-Table-2024.pdf
10 (b)	Provisions in frequency allocation table along with footnote of the country along with web link (if known)	5.388A (WRC-23) https://www.sma.gov.jm/wp-content/uploads/2024/06/National-Frequency-Allocation-Table-2024.pdf
11	Radio Regulations provisions (if known)	5.388A (WRC-23)

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12	Type of Radiocommunication service	Mobile service
13	Combatable Wireless Standard for the device likely to work in the proposed band (ETSI, 3GPP, IEEE, EC, FCC, TEC etc or any proprietary standard)	3GPP 5G-RIT (Release 17 and beyond)
14	Benefit for public	Ubiquitous connectivity, Connecting the unconnected and Bridging the Digital Divide
15	If modification in NFAP-2022 footnote then quote relevant footnote no. of NFAP-22	IND 16
16	Remarks	As per RESOLUTION 221 (REV.WRC-23) and RESOLUTION 218 (WRC-23), frequency bands 1 710-1 980 MHz, 2 010-2 025 MHz, 2 110-2 170 MHz and 2 500-2 655 MHz are identified for worldwide use by HIBS. The cross-border coordination and spectrum harmonization with neighboring APT countries are crucial for emergency communication during disasters response. Toward the Bharat 6G Vision Statement, the above frequency bands should be permitted for use by HIBS.

Digitally signed by SURESH KUMAR KARTHIKEYAN
Date: 2024.07.19 12:04:59 +05'30'

19 July 2024

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