Susan Future Technologies

SFT/NFAP-2022RR/WG1/HIBS

Contribution for updating National Frequency Allocation Table-2022 (upto1 GHz band)		
1	Name of Individual/Organization etc	Susan Future Technologies Private Limited
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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)	698-960 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)	5.312B (WRC-23) https://www.sma.gov.jm/wp-content/uploads/2024/06/National-Frequency-Allocation-Table-2024.pdf
11	Radio Regulations provisions (if known)	5.314A (WRC-23)
12	Type of Radiocommunication service	Mobile service
13	Combatable Wireless Standard for the device likely to work in the proposed band (ETSI,	3GPP 5G-RIT (Release 17 and beyond)

<table>
<tr><td></td><td>3GPP, IEEE, EC, FCC, TEC etc or any proprietary standard)</td><td></td></tr>
<tr><td>14</td><td>Benefit for public</td><td>Ubiquitous connectivity, Connecting the unconnected and Bridging the Digital Divide</td></tr>
<tr><td>15</td><td>If modification in NFAP-2022 footnote then quote relevant footnote no. of NFAP-22</td><td>MOD of IND 16

<table><tr><th>Sl. No.</th><th>Bands as mentioned in RR</th><th>Relevant RR Footnotes</th></tr><tr><td>8</td><td>610-890 MHz</td><td rowspan="3">5.313A, 5.317A, 5.314A, Notes below</td></tr><tr><td>9</td><td>890-942 MHz</td></tr><tr><td>10</td><td>942-960 MHz</td></tr></table>
Note 9: The frequency band 698-960 MHz, or portions thereof, in India is identified for use by high-altitude platform stations as International Mobile Telecommunications (IMT) base stations (HIBS). This identification does not preclude the use of these frequency bands by any application of the services to which they are allocated and does not establish priority in the Radio Regulations. Resolution 213 (WRC-23) shall apply. HIBS shall not claim protection from existing primary services. No. 5.43A does not apply, see resolves 2 of Resolution 213 (WRC-23). Such use of HIBS in the frequency bands 698-728 MHz and 830-835 MHz is limited to reception by HIBS. (WRC-23)</td></tr>
<tr><td>16</td><td>Remarks</td><td>As per RESOLUTION 213 (WRC-23), additional frequencies 694 - 960 MHz 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 entire Sub-GHz IMT frequency band 698-960 MHz should be permitted for use by HIBS.</td></tr>
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07 Aug 2024