

# Susan Future Technologies

## SFT/NFAP-2022RR/WG1/BB-PPDR

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)	814-824/859-869 MHz
7	Applications of service	International Mobile Telecommunications
8	Minimum & Maximum power with unit	100 mW & 100 W
9	Purpose	Set up a pan-India integrated Broadband PPDR (BB-PPDR) Communication Network
10 (a)	Countries in which similar applications are used along with web link (if known)	European states
10 (b)	Provisions in frequency allocation table along with footnote of the country along with web link (if known)	THE EUROPEAN TABLE OF FREQUENCY ALLOCATIONS AND APPLICATIONS IN THE FREQUENCY RANGE 8.3 kHz to 3000 GHz (ECA TABLE) Approved October 2021, Editorial update 8 March 2024 (ECC/DEC/(16)02) <a href="https://efis.cept.org/reports/ReportDownloader?reportid=1">https://efis.cept.org/reports/ReportDownloader?reportid=1</a>



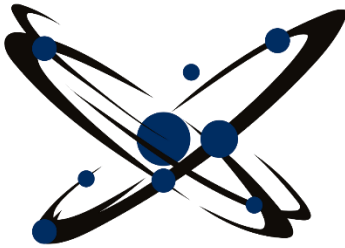
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11	Radio Regulations provisions (if known)	(a) Resolves 2 of Resolution 646 (Rev.WRC-15) (b) Recommendation ITU-R M.2015-2 (c) APT/AWG/REP-73(Rev.1), G3-1-4														
12	Type of Radiocommunication service	Mobile service														
13	Combatable Wireless Standard for the device likely to work in the proposed band (ETSI, 3GPP, IEEE, EC, FCC, TEC etc or any proprietary standard)	3GPP PS-LTE (Release 12 and beyond)														
14	Benefit for public	Enhanced Public Safety and Disaster Response														
15	If modification in NFAP-2022 footnote then quote relevant footnote no. of NFAP-22	<table border="1"> <thead> <tr> <th>Sl. No.</th> <th>Frequency (MHz)</th> <th>Paired Frequency (MHz)</th> <th>Proposed Applications/ paired frequency (MHz)</th> </tr> </thead> <tbody> <tr> <td>10</td> <td>814-819</td> <td>859-864</td> <td>PMRT, <b>PPDR</b></td> </tr> <tr> <td>11</td> <td>819-824</td> <td>864-869</td> <td>PMRT/CMRT, <b>PPDR</b></td> </tr> </tbody> </table>			Sl. No.	Frequency (MHz)	Paired Frequency (MHz)	Proposed Applications/ paired frequency (MHz)	10	814-819	859-864	PMRT, <b>PPDR</b>	11	819-824	864-869	PMRT/CMRT, <b>PPDR</b>
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11	819-824	864-869	PMRT/CMRT, <b>PPDR</b>													
16	Remarks	<p>As per TRAI recommendations on “Next Generation Public Protection and Disaster Relief (PPDR) communication networks” released on 4th June, 2018, necessary amendments may be made in the NFAP to assign 2x10 MHz of the dedicated spectrum, 814-824/859-869 MHz, for nationwide BB-PPDR services as per APT Frequency Arrangement number G3-1-4.</p> <p>As per RESOLUTION 646 (REV.WRC-19), resolves 2: to encourage administrations to consider parts of the frequency range 694-894 MHz, as described in the most recent version of Recommendation ITU-R M.2015, when undertaking their national planning for their PPDR applications, in particular broadband, in order to achieve</p>														



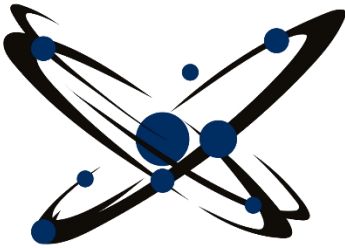
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		<p>harmonization, taking into account emphasizing c) and e) above</p> <p>As per Recommendation ITU-R M.2015-2 (01/2018), Annex 1 Section 1, Region 3 Sub-Section 1-3.1 Harmonized frequency arrangements within the frequency range 694 to 894 MHz in accordance with the APT harmonization measures for broadband PPDR</p> <p>As per APT REPORT ON HARMONIZATION OF FREQUENCY RANGES FOR USE BY WIRELESS PPDR APPLICATIONS IN ASIA-PACIFIC REGION No. APT/AWG/REP-73 Edition: April 2017 Annex 1 Section 1 Frequency Arrangement Number G3-1-4 for Broadband &amp; Narrowband application</p>
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09 July 2024



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