

क्रमांक/ No. H-18026/1(TS&TD)/2021-CDN  
भारत सरकार / Government of India  
गृह मंत्रालय / Ministry of Home Affairs  
समन्वय निदेशालय / Directorate of Coordination  
पुलिस बेतार / Police Wireless

7  
17/07/2022  
Ankitadjarivya

खंड संख्या 9/ Block No. 9.  
केन्द्रीय सरकार कार्यालय परिसर /CGO Complex,  
लोधी रोड, नई दिल्ली-3/Lodhi Road, New Delhi-3  
दिनांक / Dated 05<sup>th</sup> July 2022

To

The All Concerned

**Sub: Request for comments of OEMs/Vendors/Stakeholders to finalize the safe Specific Absorption Rate (SAR) values for wireless devices being used/procured by State/UT Police Organizations and CAPFs personnel-Reg.**

TEC, DOT vide TEC 13016:2020 has specified the National Standards on safe SAR limits for Wireless Communication Devices used in close proximity to human body based on ICNIRP standards.

2. Based on the above TEC standard and w.r.t. its clause 4.2.2 which prescribes safe limits of SAR in r/o Occupational Exposure for various wireless devices that include but are not limited to certain MRTS/VHF/UHF radio handsets etc. being used/procured by State/UT Police Organizations and CAPFs personnel, the SAR limits in r/o VHF/UHF Analog /Digital Trunking/Conventional Handheld Radios are proposed to be included in their existing specifications as an Addendum as per Annexure-A.

3. The safe SAR values for HF/VHF/UHF Manpack Radios are yet to be prescribed by TEC and same may also be taken up in the Addendum to above SAR limits as and when finalized by TEC, DoT.

4. Accordingly, all the concerned OEMs/Vendors are requested to forward their comments/inputs on the above safe SAR limits prescribed for VHF/UHF Handheld Radios along with inputs regarding safe SAR limit, if any, in r/o HF/VHF/UHF Manpack Radios, near HF/VHF/UHF Static Station & VHF/UHF Repeater Station also, for occupational use of our security agencies personnel.

5. The firms are also requested to furnish the following details:


- Whether you are OEM/Vendor?
- If vendor, details of OEM & Authorization certificate from OEM

6. The required inputs/comments may please be forwarded at the following address within 15 days from the date of issue of this letter.

Director, DCPW  
Block No.9, CGO Complex, Lodhi Road, New Delhi-110003  
Email: [rksingh@dcpw.gov.in](mailto:rksingh@dcpw.gov.in) & [ankitadjarivya@dcpw.gov.in](mailto:ankitadjarivya@dcpw.gov.in)

4/2

7. An early response is requested.



15-01-2022

(R K Singh)

Deputy Director (CDN)

Copy to:

✓ 1. Assistant Director (IT), DCPW, MHA -For uploading the letter on DCPW website.

## Annexure-A

SAR Limits for VHF/UHF Analog/Digital Trunking/Conventional Handled Radios proposed to be included in their existing specifications as an Addendum based on TEC, DOT 13016:2020 Standard.

Applicability	Region of the Body			
	Localized SAR (Head)	Localized SAR (Body)	Localized SAR (Limbs and Extremities)	Whole body average SAR
Applicable SAR	Applicable if used close to the head	Applicable if used close to the body.	Applicable if used in extremity conditions	Applicable
Applicable limits	8 W/Kg averaged over 1 gm of tissue	8 W/Kg averaged over 1 gm of tissue	20 W/Kg averaged over 10 gm of tissue	0.4 W/kg
Applicable SAR measurements distance	0 mm	25 mm or less	0 mm or less	NA
Applicable SAR standards	IEC 62209-1	IEC 62209-2	IEC 62209-2	NA

*Handwritten mark*