

Annexure-A1: Safety Requirement for Communication Equipment

Parameter Group: SAFETY

S. No.	Parameter Name	Standard	Limits / Test Levels	Applicability / Remarks
A1.1	IT Equipment Safety	<p>IS 13252 Part 1: 2010 Amd 2013 & Amd 2015 – Information Technology Equipment – Safety – Part 1: General Requirements OR equivalent IEC standard EN/IEC 60950-1:2005+A1:2009+A2:2013</p> <p>Additional Requirement:</p> <ul style="list-style-type: none"> • For Outdoor Nodes – IEC 60950-22 <p>OR</p> <ul style="list-style-type: none"> • EN/IEC 62368-1:2018 or later version <p><u>OR</u></p> <p><u>• IS/IEC 62368-1:2023 or later version</u></p>	Compliance to clauses applicable to the EUT	<ul style="list-style-type: none"> • Compliance to Annexure Y (or other relevant Annexure, if any) of EN/IEC 62368-1:2018 or later version is must for outdoor installations.
A1.2	Ingress Protection	IEC 60529	Compliance to clauses applicable to the EUT	For outdoor products.
A1.3	Automatic Laser Shut-Down (ALS) / Automatic Power Shut-Down (APSD)	ITU-T G.664, IEC 60825, Annex-A1	Compliance to clauses applicable to the EUT	Applicable for 'ER on PON family products'

Annexure

Comments on revision of Annexure-A1: Safety Requirement for Communication Equipment

Name:

Organization:

Contact Details:

S. No	Parameter name	Standard	Comments	Other Remarks (If Any)

Note: The ER TEC5843XXXX of “VHF UHF Radio System Equipment” is being revised with addition of variant 7: VHF UHF Repeater (7.1 Parameters Linked with Product Variant of Variant 7 and addition of IS/IEC 62368-1 in the parameter “IT equipment safety” for each variant). In this context Annexure-A1 of Annexure to ERs is being updated with addition of IS/IEC 62368-1:2023 for parameter IT equipment safety (A1.1) as Meity officially notified this new standard. The comments on the revision of Annexure-A1 may be provided in the above format vide e-mail to adetr.tec@gov.in, with a copy to dirr1.tec-dot@gov.in.