

OSM/EE DECISION SHEET

Category	Standard:	Clause	Document no.
ITAV	EN 62368-1:2014 + A11:2017 EN IEC 62368-1:2020 + A11:2020 EN IEC 62368-1:2024 + A11:2024	6.2 Classification of power sources and potential ignition sources	OSM-EE 24/3
Subject	Key words	Meeting	
Power source classification	Power source Potential ignition source RF	Helsinki 2024	
Question			
Shall RF >3MHz TX power be considered when classifying power sources and potential ignition sources in EUT?			
Decision			
Yes If yes, can manufacturer declared TX power be used to define PS classification? Yes, as PS3 (ref. cl 4.2.4) as a consequence a fire enclosure would be required			
Explanatory notes			
If RF/TX power is classified as power source and/or potential ignition source, it will have an effect on constructional and material flammability requirements in high power radio equipment and possible integrated antennas.			