

# Public Awareness, Education and Outreach of EMF

**Jama Abdi**  
**National Communications Authority of Somalia**  
**Federal Republic of Somalia**

**14 May 2024**



## National Communications Authority of Somalia

- The National Communications Authority (NCA) is the regulatory body for the communications sector in Somalia.
- The NCA was established through the Communications Act of 2017 and its mandate is to regulate the Communications sector including telecommunications, Internet, broadcasting, Information, and Communications Technology, eCommerce services.
- The NCA is responsible for facilitating the development of the ICT sector, enabling and ensuring fair and sustainable competition, carrier interconnection, transparency in the implementation of the Communication Law, protecting consumer interest and rights, and maintaining its role as an independent regulator.
- The NCA works to promote fair competition among service providers, ensure consumer protection, and develop policies that support the growth of the communication sector in Somalia.
- NCA also work closely with international partners to enhance connectivity and technological advancement in the country.
- NCA also responsible for issuing licenses to operators and monitoring compliance with regulations.

## ICT Sector in Somalia

- The ICT sector in Somalia has been steadily growing over the past few years , with on increasing number of companies entering the market
- There are 7 licensed telecommunication operations in Somalia, these operators provide a range of services including mobile phone networks, internet connectivity, and international calling
- these operators have led to improved quality of service and lower prices for consumers.
- The penetration of mobile phones in Somalia is quite high, with approximately 70-80% of the population owning a mobile phone.
- There are also more than 20 ICT Companies provide software development, IT consulting, and other services.
- The ICT sector in Somalia continues to show promising growth potential for the future.

## Type Approval guidelines in Somalia

- The type approval is defined as the process by which an RTTE is certified by the NCA to be used in Somalia
- It involves verification of an RTTE to make sure it complies with the applicable international standards and essential requirements.

### Equipment that requires type approval

- Any Telecommunications apparatus that is either radio equipment or telecommunications terminal equipment , or both (such as a mobile phone handset) which connects directly to a public telecommunications network and / or which is an international transmitter of radio waves is subject to type approval by the NCA.

### Terminal Equipment

- Mobile handset, Tablets, PDAs, Telephone sets, IP Phones, Mobile Dongles, etc.

### Radio Transceivers

- Broadcast Equipment, satellite Equipment, Base Stations, etc.



## Who can apply for type approval

### Type approval can be requested by:

- The Authorized importers ( Authorized importer is an entity in Somalia that is authorized by the ministry of commerce to import RTTE to Somalia for marketing / commercial purposes in line with the Applicable Regulatory Framework).
- Licensed operators (licensed operator is a Somali company or establishment located in Somalia that is licensed by NCA to own, establish or operate a telecommunications network).
- Local and international Manufactures
- Public /private organizations in Somalia wish to import RTTE for their own use (i.e. not for marketing/ commercial purposes).

## General Technical Requirements

### **All RTTEs imported to Somalia have to meet the following requirements.**

- NCA checks out electromagnetic compatibility test reports, they're basically making sure that electronic devices can function properly without interfering with each other, this report shows if a device emits any unwanted electromagnetic signals that could mess nearby gadgets.
- There is the frequency test report , which looks at how well a device operates within its designated frequency range, if it strays too far from this range , it may not work as intended.
- The safety test report covers all the potential hazards associated with using a device.
- The NCA can certify that a product meets safety and performance standards before it hits the market.

## Public awareness and education outreach of EMF of NCA Somalia

- The EMF actually all around us in our everyday lives, from electricity powering our homes to the radio waves transmitting.
- NCA works closely with local Communities, Schools, and Government agencies to educate people about the impact of electromagnetic fields (EMF) on their Health and wellbeing.
- NCA organize workshops, seminars, and informational campaigns and the aim is to empower individuals to make informed decisions regarding their exposure to EMF radiation.
- NCA puts Much more efforts ensuring that the public is equipped with the knowledge needed to protect themselves.
- NCA knows that staying informed is key to staying safe in our tech-driven world, so NCA works tirelessly to educate the public on how to protect themselves from potential health risks associated with excessive EMF exposure.

# THANK YOU

