

EQUIPMENT SUBJECT TO LICENCE FOR ITS OPERATION

Category	Examples (Non-Exhaustive)	Authorised Technical Parameters	
		Frequency Bands and its corresponding Power Level	Other Conditions
IoT Network Equipment	IoT Gateways and Base Stations	863 - 870MHz 25 mW e.r.p. 869.4 - 869.65MHz 500 mW e.r.p.	As per Licence
Microphone operating in TV broadcasting band	Portable Microphone, PMSE	470-694MHz	As per Licence
Maritime Equipment	AIS Equipment, MF / HF / VHF Transceiver, EPIRB, SART, Radar	AIS: 161.975 MHz, 162.025 MHz MF / HF / VHF Maritime frequency band as per the Article 52 and Appendices 15, 17, 18 and 25 of the International Telecommunications Union Radio Regulations . EPIRB: 406MHz/121.5MHz SART: 9GHz Radar: 3GHz / 9GHz	As per Licence
Outdoor Wireless Access Equipment	Point to Point / Point to Multipoint Access Devices	2.400 – 2.4835 GHz 100 mW (20 dBm) 5.470 – 5.725 GHz 1 W (30 dBm) 5.725 – 5.850 GHz 4 W (36 dBm)	5.470 – 5.725 GHz Point to Multipoint applications only As per Licence

Private Land Mobile Radio Equipment	Portable, Mobile, Base and Repeater two-way radio, Walkie-Talkie	68 – 87.5 MHz 146 – 174 MHz 406.1 – 430 MHz 440 – 470 MHz	As per Licence
Radio Amateur Equipment	Commercially available Fixed / Handheld Radio Amateur equipment	As specified in Radio Amateur Guidelines	As per Licence
Remotely Piloted Aircraft (RPA)	Drone, Drone Remote Controller	2.400 – 2.4835 GHz 100 mW (20 dBm) 5.470 – 5.725 GHz 1 W (30 dBm) 5.725 – 5.850 GHz 25 mW (14 dBm)	
Operator Network Equipment	All types of operator telecommunication and radiocommunication equipment (Switching Equipment, Base Station Controller, Base stations, Cellular Repeaters operating in IMT bands)	880 – 915 MHz/ 925 – 960 MHz 1710 – 1785 MHz/ 1805 – 1880 MHz 1920 – 1980 MHz/ 2110 – 2170 MHz 2500 - 2570 MHz/ 2620 - 2690 MHz 2570 - 2620 MHz	As per Licence
Radio Relay Network Equipment	Microwave Link Equipment, Indoor / Outdoor Unit	6 GHz: 6.4 – 7.1 GHz 7 GHz: 7.110 – 7.750 GHz 8 GHz: 8.225 – 8.500 GHz 10 GHz: 10.0 -10.3GHz 11 GHz: 10.7 - 11.7 GHz 13 GHz: 12.75 – 13.25 GHz 15 GHz: 14.5 – 15.35 GHz 18 GHz: 17.7 – 19.7 GHz 80 GHz: 71 – 76 GHz / 81 – 86 GHz	As per Licence

Satellite Equipment	VSAT, Satellite Phone, Satellite Equipment, Earth Station Terminal	1.525 - 1.710 GHz 2.5 - 2.690 GHz 3.4 - 4.2 GHz 4.5 - 4.8 GHz 5.85 - 7.075 GHz 10.7 - 13.25 GHz 14.0 - 14.5 GHz 17.7 - 20.2 GHz 27.5 - 30.0 GHz	As per Licence
Telemetry / Surveying Equipment (VHF, UHF)	Land Surveying Equipment, Data Collectors	68 – 87.5 MHz 440 – 470 MHz	As per Licence