



for C&I 1/3							
		Public Mobile					
Service defined in NFAP	Frequency Band	Applicable Sub section		Reference stan	dards for		
GSM DCS	880-915MHz 925-960 MHz 1705-1785 MHz 1805-1880 MHz	GSM Base Station and Ancillary equipment GSM Handsets, terminals and ancillary		EN 301 489-8 EN 301 502 EN 301 489-7 EN 301 511			
DECT	1880-1900 MHz	DECT cordless telecoms Equipment	EN 301489-1	EN 301 489-8 EN301 406			
IMT	1900-1920 MHz 1920-1980 MHz 2110-2170 MHz	UMTS handsets and related equipment UMTS base stations		EN 301 908-1	EN 301 908-2 EN 301 908-2 EN 301 908-6 EN 301 489- 24 EN 301 908-7 EN 301 908-7 EN 301 908-7 EN 301 908-7 11 EN 301 489- 23		
	1	Private Mobile					
TETRA	380-399.9 MHz 410-430 MHz	TETRA radio equipment		EN 301 489-18 EN 303 035-1 EN 303 035-2			
Amateur Radio	3.5-3.8 MHz 7.0-7.2 MHz 14-14.35 MHz 21-21.45 MHz 24.89-24.99 MHz 144-140 MHz	Amateur radio and ancillary Equipment	EN 301489-1	EN 301 489-15 EN 301 783-2			
CB Radio	26.965-27.405 MHz	Citizen band radio and ancillary Equipment		EN 301 489- 13	EN 300 135 EN 300 135-1 EN 300 135-2		
Private Mobile Radio	430-470 MHz	Analogue and digital PMR Equipment		EN 300 296-2 EN 301 166-2	EN 301 489-5 EN 300 793 EN 300 471-2 EN 300 086-2 EN 300 113-2		
		Short range PMR and ancillary Equipment			EN 300 390-2		
Maritime Radio	156.025-174 MHz	Maritime Radio		EN 300 698 EN 301 025 EN 301 178			
Radar for Radio navigation	1.260-1.350 GHz 2.700-3.300 GHz 9.3 - 9.5 GHz	Radar for radio- navigation		TBC EN 302 248 EN 302 194			

Fixed Wireless					
RLAN, Wi-Fi, WLAN	5.7255.85 GHz	5GHz high performance RLAN and ancillary equipment		EN 301 489- 17 EN 301 893	
WiMax	2.495-2.690 GHz 3.40-3.60 GHz	WiMAX equipment			EN 301 753
FWA BWA	10.60-10.68 GHz 1.429-1.452 GHz 2.3-2.4 GHz 4.8-5.0 GHz	Fixed Wireless Access and ancillary equipment	EN 301489-1	EN 301 489-4 EN 302 217- 2-2 EN 302 217-3	EN 301 753 EN 302 326-3 EN 302 326-3
Digital Microwave Radio	10.7-11.7 GHz 12.75-13.25 GHz 14.40-15.35 GHz 17.70-19.70 GHz 21.20-23.60 GHz 27.50-29.50 GHz 31.80-33-40 GHz 37.0-30-5 GHz	Point-to-point radio fixed link equipment and antenna			EN 302 217- 4-2

International Telecommunication Union	Technical Priority Areas 3/3				
Satellite Terminals					
Fixed Terminals	C-Band/Ku-Band	VSAT			
Mobile Satellite Systems	C-Band/Ku-Band	Terminals/GMPCS			
Short Range Radio Devi	ces (SRRD)				
	115kHz/433MHz/ISM	Remote Keyless Entry			
	bands	Systems PEID sustaine			
		NEO			
		NFG			
		Bluetooth			
		Telematics			
Basadaaatiaa		Vehicle Radar Systems			
Broadcasting	87-108 MHz	EM			
		Receivers/Transmitters			
	Band I to Band IV	TV Transmitters			
		IDTV			
		Set-top boxes (STB)			
Terminals				-	
		Fixed Phones			
		PBX			
		Analogue Modems			
		Fax Machines			-
		ISDN Systems			
		xDSL			
		Leased lines			-
	1	VolP			
		VoLTE			
		Routers			
		Switcher			
Cables	1	owitories			
Caples	1	Fibre		-1	
		Copper		_	
		Coppe.			













Type Approval Milestone



- Application form was introduced in July 2013
- A guidelines for type approval was launched in January 2014.
- There was close to four weeks public consultation involving various labs, CABs, and other consultants in the industry.
- Final Guidelines came to effect on January 9, 2014
- The guidelines introduced the element of marking and dealership in ECEs
- Paper based process was transformed into electronic based in March 2014
- Electronic communication equipment were categorised in May 2014.
- Type Approval Application and evaluation fees were completely reduced in May 2014
- Vendors, manufacturers, customs, operators and other major stakeholder meetings were held to educate all on the process of type approval as required by law
- Type Approval online portal yet to be launched
 - Manufacturers would be allowed to showcase their products that have been type approved



















