



ZICTA

Type Approval Guidelines



A Connected and Inclusive Digital Zambia

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1 Introduction

The Zambia Information and Communications Technology Authority (Authority) is provided for under section 4 of the Information and Communications Technologies Act No. 15 of 2009 (ICT Act). Section 6 of the ICT Act empowers the Authority to regulate the provision of electronic communications services and products and monitor the performance of the sector, including the levels of investment and the availability, quality, cost and standards of the electronic communications services.

Under section 66 of the ICT Act and Regulation 4 of the ICT (Type Approval) Regulations, Statutory Instrument No. 6 of 2011, a person shall not use, supply, sell, offer for sale, lease or hire any electronic communications equipment or apparatus without approval from the Authority. Further, section 7 of the ICT Act empowers the Authority to issue guidelines for the better carrying out of its mandate. Pursuant to the mandate referred to above, the Authority issues these Guidelines.

2 Status of Guidelines

These Guidelines shall be read as one with the ICT Act, ICT (Type Approval) Regulations, Statutory Instrument No. 6 of 2011, any other relevant law, and licence terms and conditions.

3 Definitions

In these Guidelines, unless the context otherwise requires-

“Accredited test laboratory” includes a laboratory that is recognised by the Authority in line with International Laboratories Accreditation Cooperation and ISO 17025 standards and published on the Authority website.

“Applicant” means a person who lodges an application for Type Approval, Type Acceptance or modification;

“Authority” has the meaning assigned to it under the ICT Act;

“Electronic Communications Apparatus” has the meaning assigned to it under the ICT Act;

“Electronic Waste” means various forms of electric and electronic equipment that has ceased to be of value to their users or no longer satisfies their original purpose.

“Label” means a mark affixed as evidence that electronic communications apparatus intended to be used, supplied, sold, offered for sale, leased or hired in the Republic conforms to the relevant standards.

“Personal use” means the use of an electronic communication apparatus by an individual solely for private purposes without offering the service to third parties, deriving commercial benefits or operating as a public communication service.

“Type Approval” means a process by which the Authority verifies whether electronic communications apparatus conforms to standards applicable in the Republic.

4 Scope of Guidelines

These Guidelines shall apply to any electronic communications equipment or electronic communications apparatus, including radio communication equipment, used or intended to be used in connection with the provision of electronic communications in the Republic.

5 Classification of Electronic Communication Apparatus

The Authority shall classify electronic communications apparatus as high risk or low risk. For the purposes of these Guidelines-

- (a) High risk means any electronic communication apparatus whose transmission, operation, or network role has the potential to cause harmful interference or disruption to electronic communication services.
- (b) Low risk means electronic communication apparatus that operates in the unlicensed frequency bands and is unlikely to cause harmful interference or disruption to electronic communication services.

6 Application for Type Approval, Type Acceptance and Modification

An Applicant who intends to use, supply, sell, offer for sale, lease or hire any electronic communications apparatus shall apply to the Authority using any of the following processes, as the case may be:

- (a) Type Approval;
- (b) Type Acceptance; or
- (c) modification.

The Authority shall issue a Type Approval certificate confirming that the make and model of the electronic communications apparatus specified in the application have been approved. A Type Approval certificate issued by the Authority under these Guidelines shall be specific to the model of electronic communications apparatus identified in the certificate.

A person who intends to use, supply, sell, offer for sale, lease or hire a make and model of electronic communications apparatus that is already Type Approved shall not be required to apply for approval of that make and model.

Type Approval and Type Acceptance certificates issued by the Authority with respect to a make and model of an electronic communications apparatus shall remain valid unless revoked.

6.1 Application Procedure for Type Approval

An Applicant shall follow the Type Approval process where the model of the electronic communications apparatus - whether or not it contains assembled parts that are Type Approved:

- (a) is not approved by the Authority; or
- (b) does not have a certificate of conformity from a National Regulatory Authority or a Conformity Assessment Body recognised by the Authority.

6.1.1 The following procedure shall be used when applying for Type Approval:

- (a) The Applicant shall apply for Type Approval in a manner indicated in Appendix 1.
- (b) The Applicant shall obtain the approved application form at the Authority's registered office, from the Authority's website (www.zicta.zm), or submit an application through the Authority's online application portal.
- (c) The Applicant shall ensure that a separate application form is completed for each make and model of electronic communications apparatus requiring approval.
- (d) Where an Applicant applies for the Type Approval of two (2) or more models with the same technical characteristics, the applicant shall make one (1) application and furnish the Authority with a declaration of similarity issued by a manufacturer of the electronic communications apparatus requiring approval. For the avoidance of doubt-

- (i) Only electronic communications apparatus that is technically the same in every aspect including the circuit diagram, characteristics, and performance, shall be considered similar.
 - (ii) Cosmetic differences such as colour, texture, or shape of the electronic communications apparatus shall not be considered in determining similarity.
- (e) an application referred to in (a) shall be accompanied by the following:
- (i) Duly signed and dated test reports issued by accredited test laboratories, demonstrating that the electronic communications apparatus complies with relevant technical standards indicated in Appendix 2 and any other applicable standards as amended from time to time;
 - (ii) A declaration of conformity issued by an ISO certified independent third-party laboratory;
 - (iii) Technical and operational documents of the electronic communications apparatus including user and installation manuals;
 - (iv) Circuit diagram, printed circuit board layout, part list and other relevant design - related information;
 - (v) External and internal photographs of the electronic communications apparatus;
 - (vi) Where applicable, sample units of the electronic communications apparatus with the appropriate accessories for testing and verification of declared information; and
 - (vii) Any other information that the Authority may deem necessary.
- (f) The samples referred to in (e)(vi) shall remain a property of the Authority and shall be used as a source of reference in future compliance assessments for the approved electronic communications apparatus.
- (g) The Authority shall, upon receipt of a complete application, issue a quotation of a non-refundable fee payable by the Applicant as prescribed in the second (2) schedule of Statutory Instrument No. 6 of 2011.
- (h) The Authority may undertake the testing of an electronic communications apparatus for Type Approval purposes.

- (i) The Authority may, at its discretion, request an Applicant to subject the electronic communications apparatus for testing by an independent laboratory approved by the Authority at the Applicant's cost.
- (j) The Authority shall, where it is satisfied that the Applicant has met the requirements in accordance with Regulation 7 of Statutory Instrument No. 6 of 2011, issue a Type Approval certificate bearing a unique number.

6.2 Application Procedure for Type Acceptance

- 6.2.1 An Applicant shall follow the Type Acceptance process where there is evidence that the electronic communications apparatus is Type Approved by a National Regulatory Authority or Accredited Authority.
- 6.2.2 The Authority shall from time to time publish, on the Authority website, the list of National Regulatory Authorities and Accredited Authorities for purposes of these guidelines.
- 6.2.3 The following procedure shall be used when applying for Type Acceptance:
 - (a) The Applicant shall apply for Type Acceptance in a form set out in Appendix 1.
 - (b) The Applicant shall obtain the approved application form at the Authority's registered office, from the Authority's website (www.zicta.zm), or submit an application through the Authority's online application portal.
 - (c) The Applicant shall ensure that a separate application form is completed for each make and model of electronic communications apparatus to which the application relates.
 - (d) An application referred to in (a) shall be accompanied by the following:
 - (i) A duly signed Certificate of conformance issued by a National Regulatory Authority or Accredited Authority;
 - (ii) Full name and mailing address of the manufacturer of the electronic communications apparatus and that of the Applicant;
 - (iii) Technical and operational documents relating to the electronic communications apparatus including user and installation manuals; and
 - (iv) Any other information that the Authority may deem necessary.
 - (e) The Authority shall, upon receipt of a complete application, issue a quotation for a non-refundable fee payable by the Applicant as

prescribed in the second (2) schedule of Statutory Instrument No. 6 of 2011.

- (f) The Authority shall, where it is satisfied that the Applicant has met the requirements in accordance with Regulation 6 of Statutory Instrument No. 6 of 2011, issue a Type Acceptance certificate bearing a unique number.

6.3 Application Procedure for Approval of Modified Apparatus

- (a) An Applicant shall apply for approval of a modified electronic communications apparatus in a manner indicated in clause 5.5 of these guidelines where an already Type Approved electronic communications apparatus has undergone modification which changes its technical characteristics.
- (b) An Applicant may also apply for modification where the electronic communications apparatus is renamed or rebranded.
- (c) A holder of a Type Approval certificate that has undergone name change shall notify the Authority within fourteen (14) days of the name change.

6.4 Revocation of Certificate

- (a) The Authority may revoke a certificate where-
 - (i) a certificate was obtained by fraud or submission of false information;
 - (ii) the model of the electronic communications apparatus deviates from and fails to comply with relevant standards issued by the Authority;
 - (iii) there is a change in the applicable standards; or
 - (iv) there is a complaint or representation concerning the performance of any apparatus.
- (b) Where the holder of a certificate is in default, the Authority may:
 - (i) issue a notice of intention to revoke the certificate and specify the period within which the holder of the certificate must take remedial measures; and
 - (ii) where the holder of the certificate does not take remedial measures within the period specified in paragraph (i), revoke the certificate.

6.5 Exemptions

The list of equipment exempt from Type Approval is set out in Appendix 7 and will be published on the Authority website and will be updated from time to time.

The list of entities exempt from payment of fees will be published on the Authority website and will be updated from time to time.

6.6 Second-hand Equipment

- (a) Importers of second-hand equipment should provide a certificate of functionality from a reputable and verifiable entity.
- (b) Subject to paragraph (a), where an importer of second-hand equipment does not have a certificate of functionality from a reputable and verifiable entity, the equipment shall be:
 - (i) quarantined for sixty (60) days pending submission of the certificate of functionality, with the importer bearing the cost of storage; or
 - (ii) confiscated if the importer does not submit the certificate of functionality within sixty (60) days.

6.7 Non-conformant Equipment

Where imported electronic communications apparatus is determined to be non-conformant with the applicable standards, the importer shall, within thirty (30) days:

- (i) re-export the equipment at their own cost; and
- (ii) provide proof of exportation.

7 Post-Clearance Compliance Measures

7.1 Conditional Release

- (a) The Conditional Release and Post-Clearance Compliance Measures may apply where-
 - (i) the nature of the packaging of the consignment does not allow for an inspection;
 - (ii) the importer is an authorised economic operator;
 - (iii) the goods are in transit to a bonded warehouse; or
 - (iv) the Authority otherwise deems it appropriate.
- (b) A conditional release shall specify the conditions, validity period and follow-up actions required by the importer.

7.2 Inland Inspections

The Authority may conduct inland inspections at warehouses, distribution centres and any other premises where electronic communications apparatus is stored.

8 Storage and Custody of Electronic Communications Apparatus

8.1 Quarantine Period

- (a) Electronic communications apparatus quarantined by the Authority shall be stored at a designated storage facility approved by the Authority at the cost of the importer.
- (b) The maximum quarantine period shall be sixty (60) days.
- (c) Where the importer does not remedy the failure to meet the conformity assessment requirements specified under these Guidelines within the period specified in paragraph (b), the Authority may order the release of the electronic communications apparatus from the warehouse and seize the equipment.

9 Prohibited Equipment

- (a) A person shall not import equipment that is prohibited from use in the Republic, as set out in the fifth (5) schedule.
- (b) The importation of non-functional electronic products by individuals or entities shall not be permitted.
- (c) The importation of electronic waste shall be permitted only by licensed treatment facilities that demonstrate the capability to handle and process such waste.

10 Publication

The Authority shall publish, on its website, in a newspaper of daily circulation or on any other electronic platform, a list of:

- (a) all Type Approved equipment;
- (b) equipment prohibited from being manufactured, imported or used in the Republic;
- (c) classifications of high-risk and low-risk electronic communications apparatus;
- (d) electronic communications equipment exempt from Type Approval;
- (e) entities exempt from paying Type Approval fees;
- (f) recognised Accredited Authorities; and

(g) recognised laboratories.

11 Labelling Requirements and Product Information

- (a) A manufacturer, distributor, importer or supplier shall ensure that Type Approved electronic communications apparatus bears a legible, indelible and readily visible label showing:
- (i) the manufacturer's brand or identification mark;
 - (ii) the manufacturer's model or type reference;
 - (iii) the Authority's approved certification mark, as shown in Appendix 3;
 - (iv) the certificate of approval number issued by an approved National Regulatory Authority or an Accredited Authority where the electronic communications apparatus is approved through the Type Acceptance process; and
 - (v) a symbol as indicated in Appendix 4, or information stating that waste electrical and electronic equipment shall not be disposed of with other municipal waste.
- (b) A label shall be affixed to the electronic communications apparatus or its packaging, or included in the user manual, or displayed as a QR code.
- (c) The following shall be provided in the user manual or product information:
- (i) the expected lifespan of the product under normal use;
 - (ii) the life-cycle assessment of the product; and
 - (iii) a clear description of the overall hazard level of the product.
- (d) Where affixing a label as prescribed in paragraph (a) is not feasible, an alternative method of displaying the label may be used with the Authority's prior written approval.
- (e) A manufacturer, distributor, importer or supplier shall ensure that a label is affixed to an electronic communications apparatus before it is imported, supplied, sold, offered for sale or leased.

12 Compliance Monitoring

The Authority may conduct inspections to ensure compliance with these Guidelines.

A person shall not deal in electronic communications apparatus without a valid licence.

13 Failure to Comply with Guidelines

A person who fails to comply with these Guidelines commits an offence under section 79(1) of the ICT Act.

14 Repeal

The Type Approval Guidelines, 2022 are hereby repealed.

APPENDIX 1:

FORM 1 –

Application for Type Approval, Type Acceptance and Modification

(Regulations 6)

Form 1

(Regulation 6)

(To be completed in triplicate)



ZICTA

The Information and Communication Technologies Act, 2009

(Act No. 15 of 2009)

The Information and Communication Technologies

(Type Approval) Regulations, 2011

APPLICATION FOR Type Approval, Type Acceptance AND MODIFICATION

Application Type		Type Approval []	()
		Type Acceptance []	()
		Modification []	()
A. APPLICANT'S DETAILS		Information Provided	Check List (√)
1	Type of Applicant (Tick Appropriate)	☐ Local Manufacturer ☐ International Manufacturer ☐ Commercial User ☐ Licenced Operator Licence Number: ☐ Authorised Dealer Registration Number: ☐ Private user ☐ Other Specify:	()
2	Company Name		

3	Contact Person						()
4	Physical Address						()
5	Postal Address						()
6	Phone	Fixed: Mobile: Fax:					()
7	Email:						()
8	Manufacturer Name and Address						()
9	Required Documentation for Type Approval	1. Technical and operational documents of the electronic communications apparatus including user and installation manuals; 2. A declaration of conformity issued by the manufacturer; 3. Circuit diagram, printed circuit board layout, part list and other relevant design information; and 4. External and internal photographs of the electronic communications apparatus;					() () () () ()
10	Required Documentation for Type Acceptance	1. A duly signed Certificate of conformance issued by a National Regulatory Authority or a Conformity Assessment Body that has entered into a mutual recognition agreement with the Authority; and 2. Technical and operational documents of the electronic communications apparatus including user and installation manuals;					() ()
B. TECHNICAL DETAILS OF THE EQUIPMENT		Information Provided					
11	Equipment Category (Tick Appropriate)	☐ GSM	☐ DECT	☐ UMTS/3G/4G	☐ TETRA	☐ Amateur Radio	
		☐	☐ Radar	☐ Maritime Radio	☐ Radar	☐ RLAN	

		Private Mobile Radio					
		☐ Wimax	☐ FWA	☐ Microwave	☐ Sound Broadcastin g	☐ TV Broadc asting	
		☐ WiFi	☐ Bluetoot h	☐ RFID	☐ Amateur Satellite Radio	☐ Radio Naviga tion	
		☐ Satellite TV	☐ VSAT	☐ Analog PSTN	☐ xDSL	☐ Voice Equip ment	
		☐ Leased Line Equipment	☐ Switche d Data	☐ Other (Specify)			
12	Intended Use	Private: ☐ Commercial: ☐ ☐ Retail: ☐ Other: ☐ (specify)					
13	Equipment Details	Brand Name: Type Name: Model Number: Country of Origin: Frequency Range (MHz): Bandwidth: Transmission Capacity: No. of Channels: Output Power (mW): Channel Spacing:					

		Frequency Stability: Modulation Type(e.g. AM, FM, OFDM etc): ITU Emission Designator:		
14	Antenna Details	Type: [] Integral [] External Gain: Power Source: [] Power Source [] Connectors [] Software Others (Specify):		
15	Equipment License	[] Required [] Not Required		
16	Standards Compliance	EMC	Test Report No.	()
		Radio	Test Report No.	
		Health and Safety	Test Report No.	
		Technology Specific	Test Report No.	
17	Serial Number of Sample Equipment Submitted for tests			()

DECLARATION

I/we declare that all particulars and information provided in this application are complete, correct and true. I/we agree that, if any particulars or information are found to be untrue or fraudulent, the approval may be revoked.

I/we agree that, if the approval is revoked, any fees paid to the Authority in respect of the application shall be forfeited. I/we further declare that, if the nature of my/our business changes or I/we cease the relevant operations, I/we shall notify the Authority, in which case the approval may be revoked or revised.

Declared at _____ on this _____ day of _____
20____ by the following person(s), duly authorised to sign for and on behalf of the Applicant under a Power of Attorney or Board Resolution, as applicable, which is attached.

Applicant's Name

Date

Applicant's Signature

FOR OFFICIAL USE ONLY

Received by: _____

Receipt No.: _____

Officer

Date Received: _____

Amount Received: _____

Serial No. of Applicant: _____

STAMP

APPENDIX 2:

Type Approval Standards

Public Mobile

Service defined	Frequency Band	Applicable Framework	Sub-section of	Reference standards for conformity		
GSM	880 - 915 MHz	GSM Base Station and Ancillary equipment	1.1	ZS	EN 301 489-8	
	925 - 960 MHz			E	EN 301 502	
DCS	1705 - 1785 MHz	GSM Handsets, terminals & ancillary equipment	1.2	N	EN 301 489-7	
	1805 - 1880MHz				EN 301 511	
DECT	1880 - 1900 MHz	DECT cordless telecoms equipment	1.3	3	EN 301 489-6	
				0	EN 301 406	
IMT	1900 - 1920 MHz	UMTS handsets and related equipment	1.4	1	EN 301 908-1	EN 301 908-2
				4		EN 301 908-6
		UMTS base stations		8		EN 301 489-24
			1.5	9		EN 301 908-3
	1920 - 1980 MHz			1		EN 301 908-7
	2110 - 2170 MHz					EN 301 908-11
						EN 301 489-23

Private Mobile

Frequency Band	Applicable Sub-section of Framework		Reference standards for conformity		
380 - 399.9 MHz 410 - 430 MHz	TETRA radio equipment	2.1	Z S E N 3 0 1 4 8 9	EN 301 489-18 EN 303 035-1 EN 303 035-2	
3.5 - 3.8 MHz 7.0 -7.2 MHz 14 - 14.35 MHz 21 - 21.45 MHz 24.89 - 24.99 MHz 144 - 146 MHz	Amateur radio and ancillary equipment	2.2		ZS EN 301 489-15 EN 301 783-2	
26.965- 27.405 MHz	Citizen band radio and ancillary equipment	2.3		EN 301 489-13	EN 300 135 EN 300 135-1 EN 300 135-2
430- 470 MHz	Analogue and digital PMR equipment	2.4		EN 300 296-2 EN 301 166-2	EN 300 489-5 EN 300 793 EN 300 471-2 EN 300 086-2 EN 300 113-2
	Short range PMR and ancillary		9		

	equipment	2.5	1		EN 300 390-2
156.025 - 174 MHz	Maritime Radio	2.6		EN 300 698 EN 301 025 EN 301 178	
1.260 - 1.350 GHz 2.700 - 3.300 GHz 9.3 - 9.5 GHz 76 - 77.5 GHz	Radar for radio-navigation	2.7		TBC EN 302 248 EN 302 194	

Fixed Wireless

Service	Frequency Band	Applicable Sub-section of Framework		Reference standards for conformity		
RLAN Wi-Fi	5.725 - 5.85 GHz	5 GHz high performance RLAN and ancillary equipment	3.1	Z S E N 3 0 1 4 8 9 1	ZS EN 301 489-17	
WLAN						
WiMax	2.495 - 2.690 GHz	WiMax equipment	3.2		EN 301 893	EN 301 753
	3.40 - 3.60 GHz					
FWA	1.429 - 1.452 GHz	Fixed Wireless Access and ancillary equipment	3.3			EN 301 753
WLL (phased out)	2.3 - 2.4 GHz					EN 302 326-2
	4.8 - 5.0 GHz					EN 302 326-3
BWA	10.7 - 11.7 GHz				EN 301 489-4 EN 302 217-2-2 EN 302 217-3	EN 302 217-4-2
Digital Microwave	12.75 - 13.25 GHz	Point-to-point radio fixed link equipment and antenna	3.4			
	14.40 - 15.35 GHz					
	17.70 - 19.70 GHz					
	21.20 - 23.60 GHz					
	27.50 - 29.50 GHz					

Radio	31.80 - 33.40 GHz				
	37.0 - 39.5 GHz				

Short Range Devices

Typical Application Type	Authorised Frequency Bands/Frequencies (Channel Spacing)	Applicable section of Framework	Sub-of	Reference Standards for Conformity		Maximum Field Strength/RF Output Power
ISM	6765 kHz - 6795 kHz 13.553 MHz - 13.567 MHz 26.957 MHz - 27.405 MHz 40.66 MHz - 40.7 MHz	Non-specific short range devices	4.1	ZS E N	FCC Part 15 ZS EN 300 220 ZS EN 300 330	42 dBuA/m at 10m e.r.p. 10 mW
	868 MHz - 868.6 MHz 868.7 MHz - 869.2 MHz 869.4 MHz - 869.65 MHz 869.7 MHz - 870 MHz	Non-specific short range devices	4.1	3 0 1	ZS EN 300 220	e.r.p. 25 mW e.r.p. 100 mW e.r.p. 25 mW e.r.p. 25 mW
ISM, WLAN, Bluetooth	2400 MHz - 2483.5 MHz	Non-specific short range devices	4.1	4 8	ZS EN 300 440	e.i.r.p. 10 mW indoor only
ISM	61 GHz - 61.5 GHz 122 GHz - 123 GHz 244 GHz- 246 GHz	Non-specific short range devices	4.1	9 1	ZS EN 300 440 FCC Part 15	e.i.r.p. 100 mW

Short Range Devices

Typical	Authorised Frequency	Applicable sub-	Reference	Maximum Field
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Application Type	Bands /Frequencies (channel spacing)	section of Framework		standards for conformity		Strength /RF Output power
Active Medical implant, hearing aids, etc.	401 MHz - 406 MHz 9 kHz -315 kHz 30 MHz - 37.5 MHz 169.4 MHz - 174 MHz	Wireless applications in healthcare & listening devices	4.7	Z S E N 3 0 1 4 8	EN 301 839 EN 302 537 EN 302 195 EN 302 510 ZS EN 300 422	e.r.p 25 uW 30 dBuA/m at 10 m e.r.p 1 mW e.r.p 10 mW
Cordless loudspeakers, headphones, etc.	43 MHz, 46 MHz, 47MHz, 49 MHz 900 MHz 1795 MHz - 1800 MHz 87.5 MHz - 108 MHz	Wireless audio applications	4.8		EN 301 357	e.r.p. 10 mW " e.i.r.p. 20 mW e.r.p 5 mW
Vehicle immobilizer, antitheft system, navigation device, etc.	133 kHz 134 kHz 433.72 MHz - 434.12 MHz 133 kHz	Vehicle-fitted radio products	4.9		ZS EN 300 220 " " "	60 dBuA/m at 10 m 70 dBuA/m at 10 m, e.r.p. 10 mW (10 dBm) 75.6 dBuA/m at 3m, e.r.p. 0.1 mW 95 dBuA/m at 3 m

	433 MHz			9	"	e.i.r.p 1 mW
	458.95 MHz			1	"	70 dBuA/m at 10 m, e.i.r.p.
	2450.00 MHz				ZS EN 300 328	10 mW (10 dBm) e.i.r.p 1 mW
	24.15 GHz				ZS EN 300 440	e.i.r.p 10 mW
	76 GHz - 77 GHz				EN 301 091	10 W to 15 W Peak e.i.r.p
	1575.42 MHz					316.22 W Peak e.i.r.p
	13.553 MHz - 13.576 MHz				EN 302 291	60 dBuA/m at 10 m
					ZS EN 300 330	

Short Range Devices

Typical Application Type	Authorised Bands /Frequencies (channel spacing)	Applicable section of Framework		Reference standards for conformity	Maximum Field Strength / RF Output power
SRD radar systems	10.5 GHz - 10.6 GHz 24.05 GHz - 24.25 GHz 57 GHz - 64 GHz 75 GHz - 85 GHz	Radio determination application	4.2	ZS EN 300 440 EN 302 288 EN 302 372	e.i.r.p 500 mW e.i.r.p 100 mW e.i.r.p -41.3 dBm /MHz
Vehicle telematics	5795 MHz - 5805 MHz 76 GHz- 77 GHz	Road transport and traffic telematics	4.3	Z S E N EN 300 674 EN 200 674 EN 301 091	e.i.r.p 2 W 55 dBm peak e.i.r.p -50 dBm Average power- 23.5 dBm
Car immobilisers, alarm systems, data transfer to handheld devices, etc.	9 kHz - 148.5 kHz 3155 kHz- 400 kHz 6765 kHz - 6795 kHz 7400 kHz - 8800 kHz 13.553 MHz - 13.567 MHz 26.957 MHz - 27.283 MHz 430 MHz - 435 MHz 830 MHz - 850 MHz	Inductive applications	4.4	3 0 1 4 8 9 EN 302 291 ZS EN 300 330 FCC Part 15 ZS EN 300 220	72 dBuA/m at 10 m 13.5 dBuA/m at 10 m 42 dBuA/m at 10 m 9 dBuA/m at 10 m 60 dBuA/m at 10 m 42 dBuA/m at 10 m, e.r.p 10 mW e.r.p 10 mW e.r.p 10 mW

Purpose of controlling movement of a model	26 MHz, 27 MHz, 76 MHz 34.995 MHz, 35.225 MHz	Model control	4.5	1	ZS EN 300 220	e.r.p 100 mW Only for flying models
Article identification, asset tracking, alarms, etc.	13.553 MHz - 13.567 MHz 2446 MHz- 2454 MHz	Radio Frequency identification applications	4.6		EN 302 291 ZS EN 300 440	60 dBuA/m at 10 m e.i.r.p 500 mW

Satellite

Service Defined	Frequency Band	Applicable Sub-section of Framework		Reference standards for conformity		
Amateur Satellite Radio	7.0 - 7.1 MHz 14.0 - 14.25 MHz 21.0 - 21.45 MHz 24.89 - 24.99 MHz 144 - 146 MHz 24.0 - 24.05 GHz 47.0 - 47.2 GHz	MSS equipment operating below 1 GHz	5.1	Z S E N	EN 301 489-20	EN 301 721
				3 0		EN 301 425 EN 301 441
Radar & Navigation						

Systems and Active Sensors (GPS) S-DAB	1215 - 1260 MHz	MSS equipment operating between 1-3 GHz	5.2	1		EN 301 442
	1479.5 -1492 MHz			4 8		EN 301 444 EN 301 681
Satellite TV Other VSAT	3.625 - 4.2 GHz	VSAT and ancillary equipment	5.3	9	EN 301 489-12	EN 301 428
	5.85 - 6.45 GHz 10.7 - 12.75 GHz 13.75 - 14.5 GHz 14 - 14.5 GHz 19.7- 20.2 GHz 21.4 - 22 GHz			1		EN 301 443 EN 301 360 EN 301 459

Broadcasting

Service Defined	Frequency Band	Applicable Sub-section of Framework		Reference standards for conformity	
FM Radio T-DAB	87.5 - 108 MHz 1452 - 1479.5 MHz	Sound broadcasting equipment	6.1	ZS E N 3 0 1	EN 301 489-11 EN 302 018-2
TV Broadcast	47 -68 MHz 174 - 230 MHz 470 - 790 MHz	Vision broadcasting equipment	6.2	4 8 9 1	EN 301 489-7 EN 301 489-14 EN 302 297

Broadcasting

Type of TTE	Subtype	Applicable Standard
Decoder	Terrestrial	ZS 817: 2014
TV	iDTV	ZS 824: 2014

Telecommunications Terminal Equipment (TTE) - PSTN

Type of TTE	Subtype	Applicable Standard	Description
Analogue PSTN TTE: *Single Line equipment directly connecting to analogue PSTN *Single Line telephony *Fax Machines *Analogue Modems *Answering machines *Adjuncts and telephones offering analogue CLI *Subscriber Meter *PSTN Connected Security Alarms	General (applicable to all)	ZS ETSI TBR 021	* Terminal Equipment (TE); Attachment requirements for pan-European approval for connection to the analogue Public Switched Telephone Networks (PSTNs) of TE (excluding supporting the voice telephony service) in which network addressing, if provided, is by means of Dual Tone Multi-Frequency (DTMF) signalling
	Pulse or Loop Disconnect dialling	ZS ETSI ES 201 187	* 2-wire analogue voice band interfaces; Loop Disconnect (LD) dialling specific requirements
	Analogue telephones and other equipment, analogue handset telephony such as	ZS ETSI TBR 038	* Public Switched Telephone Network (PSTN); Attachment requirements for a terminal equipment incorporating an analogue handset function capable of "supporting the justified case service when connected to the analogue interface

modems or fax machines Caller Line Identification (CLI)	ZS ETSI ES 201 235-3	of the PSTN * Access and terminals (AT) specification of Dual-Tone Multi Frequency (DTMF) Transmitters and receivers; Part 3 Receivers
Fixed Line Short Message Service (SMS)	ZS ETSI ES 201 912	* Access and Terminals (AT); Short Message Service (SMS) for PSTN/ ISDN; Short Message Communication between a fixed network Short Message Terminal Equipment and a Short Message Service Centre
	ETSI TS 103 912	* Access and Terminals (AT); Short Message Service (SMS) for PSTN/ ISDN; Short Message Communication between a fixed network Short Message Terminal Equipment and a Short Message Service Centre (Corrections to ES 201 912 V1.1.1)
	ZS ETSI EN 300 659-2	* Access and Terminals (AT); Analogue access to the Public Switched Telephone Network (PSTN);

			Subscriber line protocol over the local loop for display (and related) services; Part2: Off-hook data transmission
		ETSI ES 200 778-2	* Access and Terminals (AT); Analogue access to the Public Switched Telephone Network (PSTN); Protocol over the local loop for display and related services; Terminal equipment requirements

TTE - xDSL

Type of TTE	Subtype	Applicable Standard	Description
xDSL Modem	HDSL	ZS ETSI ETR 152	* Transmission and Multiplexing (TM); High bit-rate Digital Subscriber Line (HDSL) transmission system on metallic local lines; HDSL core specification and applications for 2 048 kbit/s based access digital Sections
		ZS ETSI TS 101 135	* Transmission and Multiplexing (TM); High bit-rate Digital Subscriber Line (HDSL) transmission system on metallic local lines; HDSL core specification and applications for combined ISDN-BA and 2 048 kbit/s Transmission

	SHDSL	ZS ITU G992.1	* Single-Pair High-Speed Digital Subscriber Line (SHDSL) subscriber transceivers
	SDSL	ZS ETSI TS 101 524-1	* Transmission and Multiplexing Access transmission system on metallic access cables. Symmetrical single pair high bit rate Digital Subscriber Line (SDSL)
	ADSL	ETSI ES 202 913	* Access and Terminals (AT); POTS requirements applicable to ADSL modems when connected to an analogue presented PSTN line
		ETSI TS 101 952-1-1	* Access network xDSL transmission filters. Part 1: ADSL splitters for European deployment; Sub-part 1: Specification of the low pass part of ADSL/POTS Splitters
		ETSI TS 101 952-1-2	* Access network xDSL transmission filters. Part 1: ADSL splitters for European deployment; Sub-part 2: Specification of the high pass part of ADSL/POTS Splitters

TTE - Other

Type of TTE	Subtype	Applicable Standard	Description
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Voice Equipment	Payphone	ZS ETSI1-ETS 300 400	* Integrated Services Digital Network (ISDN); Telephony terminal Payphones
	PBX and Key Systems	ZS ETSI ES 201 168	* Speech Processing, Transmission and Quality Aspects (STQ); Transmission characteristics of digital Private Branch exchanges (PBXs) for interconnection to private networks, to the public switched network or to IP gateways
	Voice over IP terminals	ZS ITU-T Rec. G.711	* The Vo/IP terminal equipment shall have an audio codec capable of encoding and decoding speech according to ITU-T Rec. G.711 and capable of transmitting and receiving A-law and u-law. It may support other codecs (ITU-T Rec. G.726 ADPCM, G.728 LD-CELP, G.729 CS-ACELP G.729a CS-ACELP, G.723.1 MPMLQ G.723 ACELP). * The Vo/IP terminal equipment shall support Dynamic Host Configuration Protocol (DHCP) and Real-Time Protocol (RTP).
		ZS ITU-T Rec. H.323	* If the video codec is provided, it shall comply with requirements given in ITU-T Rec. H.323.
		IETF MEGACOIP Phone	* If the Vo/IP terminal equipment is an

		Media Gateway standard	MEGACO/H248 based terminal it shall also support IETF MEGACOIP Phone Media Gateway standard
		IETF Session Initiation Protocol (RFC3261, RFC3262, RFC3263, RFC3264 AND RFC3265)	* If Vo/IP Terminal Equipment uses SIP
		IETF RFC1933	* For Vo/IP Terminal Equipment with IPv6 support the equipment shall implement the mechanisms specified in RFC1933 (Transition Mechanisms for IPv6 Hosts and Routers) in order to maintain compatibility with IPv4.
		ETSI ES 201 168	* Speech Processing, Transmission and Quality Aspects (STQ); Transmission characteristics of digital Private Branch exchanges (PBXs) for interconnection to private networks, to the public switched network or to IP gateways

TTE – Other

Type of TTE	Subtype	Applicable Standard	Description
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Leased Lines	TTE offering direct connection to SDH relay services	ZS ETSI ETS 300 232/AI	* Transmission and Multiplexing (TM); Optical interfaces for equipment and systems relating to the Synchronous Digital Hierarchy (SDH)
		ZS ETSI ETS 300 300	* Broadband Integrated Services Digital Network (BISDN); Synchronous Digital Hierarchy (SDH) based user network access; Physical layer User Network Interfaces (UNI) for 155 520 kbit/s and 622 080 kbit/s Asynchronous Transfer Mode (ATM) B-ISDN applications ITU-R:
		ZS ETSI ETS 300 814	* Digital Video Broadcasting (DVB); DVB interfaces to Synchronous Digital Hierarchy (SDH) networks
	Switching equipment Offering direct connection to 2 and 4 wire analogue Leased Line services	ETSI ES 203 021-1	* Access and Terminals (AT); Harmonized basic attachment requirements for Terminals for connection to analogue interfaces of the Telephone Networks; Update of the technical contents for TBR 2.1, EN 301 437, TBR 015 TBR 017; Part 1: General aspects
		ETSI ES 203 021-2	* Access and Terminals (AT); Harmonized basic

		attachment requirements for Terminals for connection to analogue interfaces of the Telephone Networks; Update of the technical contents for TBR 2.1, EN 301 437, TBR 015 TBR 017; Part 2: Basic transmission and Protection
Digital Leased Line - Co-directional G703	ZS ITU-T Rec. G.703	* General aspects of digital transmission systems terminal equipment Physical /Electrical characteristics of Hierarchical Digital Interfaces
Digital Leased Line - N x 64kbps	ZS ITU-T Rec. H.244	* Synchronized aggregation of multiple 64 or 56 kbit/s channels
	ZS ITU-T Rec. H.323	* Packet-based multimedia communications Systems
	ZS ETSI TBR 014	* Business Telecommunications (BTC); 64 kbit/s digital unrestricted leased line with octet integrity (D64U); Attachment requirements for terminal equipment interface
	ZS ETSI TBR 014/A1	* Business Telecommunications (BTC); 64 kbit/s digital unrestricted leased line with octet integrity (D64U); Attachment requirements for terminal equipment interface
	ZS ETSI EN 300 290	* Access and Terminals (AT); 64 kbit/s digital

			unrestricted leased line with octed integrity (D64U); Terminal equipment Interface
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TTE- Other

Type of TTE	Subtype	Applicable Standard	Description
Digital Leased Lines	Digital Leased Line - E1 2.048Mbps	ZS ETSI TBR12	* Business Telecommunications (BTC); 2.048 kbit/s digital unstructured leased lines (D2048U); Attachment requirements for terminal equipment interface
		ETSI TBR012/AI	* Business Telecommunications (BTC); Open Network Provision (ONP) technical requirements; 2.048 kbit/s digital unstructured leased line (D2048U); Attachment requirements or terminal equipment interface
		ZS ETSI TBR13	* Business Telecommunications (BTC); 2.048 kbit/s digital unstructured leased lines (D2048S); Attachment requirements or terminal equipment interface
		ZS ETSI EN 300 248	* Access and Terminal (AT); 2 048 kbit/s digital unstructured leased line (D2048U); Terminal equipment interface

		ZS ETSI EN 300 420	* Title: Access and Terminals (AT); 2 048 kbit/s digital unstructured leased lines (D2048S); terminal equipment interface
	Digital Leased Line - E3 45Mbps	ZS ETSI EN 300 689	* Access and Terminal (AT); 34 Mbit/s digital leased line (D34U and D34S) Terminal equipment interface
		ETSI TBR24	* Business Telecommunications (BTC); 34 Mbit/s digital unstructured and structured leased lines (D34Uand D34S); Attachment requirements for terminal equipment interface
	Digital Leased Line - 140Mbps	ZS ETSI TBR 025	* Business Telecommunications (BTC); 140 Mbit/s digital unstructured and structured leased lines (D140U and D140S); Attachment requirements for terminal equipment interface
		ZS ETSI EN 300 690	* Access and Terminals (AT); 140 Mbit/s digital leased lines (D140U and D140S); Attachment * (D140U and D140S); Terminal equipment Interface

TTE – Switched Data

Type of TTE	Subtype	Applicable Standard	Description
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Switched data services	Basic Rate ISDN	ZS ETSI TBR 003	* Integrated Services Digital Network (ISDN); Attachment requirements for terminal equipment to connection to an ISDN using ISDN basic access
		ZS ETSI TBR 008	* Integrated Services Digital Network (ISDN); Telephony 3.1 kHz tele services; Attachment requirements for handset terminals
		ITU-T Recommendation G.961	* Digital transmission system on metallic local lines for ISDN basic rate access
		ZS ETSI ETR 080	* Transmission and Multiplexing (TM); Integrated Services Digital Network (ISDN) basic rate access; Digital transmission system on metallic local lines
	Primary Rate ISDN	ZS ETSI TBR 004/AI	* Integrated Services Digital Network (ISDN); Attachment requirements for terminal equipment to connection to an ISDN using ISDN primary rate access
		ZS ETSI TBR 008	* Integrated Services Digital Network (ISDN); Telephony 3.1 kHz tele services; Attachment requirements for handset terminals systems
	X25	ZS ETSI TBR 2	* Attachment requirements for Data Terminal

			Equipment (DTE) to connect to Packet Switched Public Data Networks (PSPDNs) for CCITT Recommendation X.25 interfaces at data signalling rates up to 1920 kbit/s utilizing interfaces derived from CCITT Recommendations X.21 and X.21bis
		ZS ITU-T Recommendation X.25	* Interface between Data Terminal Equipment (DTE) and Data Circuit-terminating Equipment (DCE) for Terminals operating in the Packet Mode and connected to Public Data Networks by Dedicated Circuit

TTE – Switched Data

Type of TTE	Subtype	Applicable Standard	Description
Switched data services	X21	ZS ETSI TBR 2	* Attachment requirements for Data Terminal Equipment (DTE) to connect to Packet Switched Public Data Networks (PSPDNs) for CCITT Recommendation X.25 interfaces at data signalling rates up to 1920 kbit/s utilizing interfaces derived from CCITT

			Recommendations X.21 and X.21bis
		ZS ETSI ETS300 103	* Integrated Services Digital Network (ISDN); Support of CCITT Recommendation X.21. X.21 bis and X.20 bis based Data Terminal Equipment (DTEs) by an ISDN Synchronous and asynchronous terminal adaption functions
		ZS ITU-T Recommendation X.21	* Interface between Data Terminal Equipment and Data Circuit-termination equipment for synchronous operation on Public Data Network
		ZS ITU-T Recommendation X.21 bis	* Use on Public Data Networks of Data Terminal Equipment (DTE) which is designed for interfacing to Synchronous V-Series Modems
	Frame Relay	ZS ETSI TCRTTR 020	* Network Aspects (NA); European frame relay Services
		ZS ETSI ETS300 399-1	* Frame relay services; Part 1: General Description
		ZS ETSI ETS300 399-2	* Frame relay services; Part 2: Integrated Services Digital Network (ISDN); Frame relay bearer service; Service definition
		ZS ETSI ETS300 399-3	* Frame relay services; Part 3: Frame relay data

transmission service; Service definition

Health and Safety

Type of Health and Safety standard	Applicable Standard	Description
Electrical	EN 60950 or IEC 60950	* Safety of information technology equipment
Radio and SAR	ZS EN 50360	* Product standard to demonstrate the compliance of mobile phones with the basic restrictions related to human exposure to electromagnetic fields (300 MHz - 3 GHz)
	EN 50371	* Generic standard to demonstrate the compliance of low power electronic and electrical apparatus with the basic restrictions related to human exposure to electromagnetic fields(10 MHz - 300 GHz) - General public
	ZS EN 50385	* Product standard to demonstrate the compliance of radio base stations and fixed terminal stations for wireless
	EN 50392	* Generic standard to demonstrate the compliance of electronic and electrical apparatus with the basic restrictions

		related to human exposure to electromagnetic fields (0 Hz - 300 GHz)
	ZS EN 60215	* Safety requirements for radio transmitting equipment
Optical and laser	ZS EN 60825-1 or ZS IEC 60825-1 ZS EN 60825-2 or ZS IEC 60825-2	* Safety of laser products - Part 1: Equipment classification, requirements and user's guide * Safety of laser products - Part 2: Safety of optical fibre communication systems

EMC

Type of EMC standard	Applicable Standard	Description
Information technology equipment	ZS EN 55022 or CISPR 22	* Radio disturbance characteristics * Limits and methods of measurement
	ZS EN 55024 or CISPR 24	* Immunity characteristics * Limits and methods of measurement
	ZS EN 61000-3-2 or ZS IEC 61000-3-2	* Limits for harmonic current emissions (equipment input current up to and including 16 A per phase) * Limitation of voltage changes, voltage fluctuations and flicker in
	ZS EN 61000-3-3 or ZS IEC 61000-3-3	public low-voltage supply systems

Limits	ZS EN 61000-3-11 or ZS IEC 61000-3-11	* Equipment with rated current ≤ 75 A and subject to conditional connection * Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems * Equipment with rated current ≤ 75 A and subject to conditional connection * Electromagnetic compatibility and Radio spectrum Matters (ERM)
	ETSI EN 301 489	* Electro Magnetic Compatibility (EMC) standard for radio equipment and services * Various parts as applicable to terminal type
	ZS EN 61000-6-1 or ZS IEC 61000-6-1	* Immunity for residential commercial and light-industrial Environments
Generic standards	ZS EN 61000-6-2 or ZS IEC 61000-6-2	* Immunity for industrial environments
	ZS EN 61000-6-3 or ZS IEC 61000-6-3	* Emission standard for residential, commercial and light-industrial environments
	ZS EN 61000-6-4 or ZS IEC 61000-6-4	* Emission standard for industrial environments

APPENDIX 3

ZICTA Type Approval Sample

Label



ZMB/ZICTA/TA/2019/2/20



ZMB/ZICTA/TA/YYYY?...

- i. The characters shall appear in black print against a white background.
- ii. The colour code is

Blue

- a) C: 100
- b) M:100
- c) Y: 0
- d) K: 0

Black

- a) C: 0
 - b) M: 0
 - c) Y: 0
 - d) K: 100
- iii. No character shall be less than 2mm in height.
 - iv. The word “ZICTA” shall be at least 3mm in height. The size ratio of all the characters and symbol shall be maintained relative to ZICTA.
 - v. The placeholder “ZMB/ZICTA/TA/YYYY/..” shall be replaced with the Type Approval certificate number allocated by ZICTA to the relevant equipment model.

APPENDIX 4

Symbol For Marking EEE

The symbol indicating separate collection for EEE consists of the crossed-out wheeled bin, as depicted below. The symbol shall be printed visibly, legibly and indelibly on the product. In exceptional cases where this is necessary because of the size or function of the product, the symbol shall be printed on the packaging, instructions for use and warranty of the EEE.



APPENDIX 5

List of Prohibited Equipment

No.	Equipment	Remarks
1.	Scanning Receivers	Prohibited
2.	Military Communication Equipment	Prohibited except where authorised for defence and security agencies
3.	Telephone Voice Changing Equipment	Prohibited
4.	Automatic Call Diverters	Prohibited
5.	Radio-communication equipment operating in GSM frequency bands (other than approved cellular mobile phones or equipment specifically approved by the Authority)	Prohibited
6.	Radio-communication jamming devices operating in any frequency band	Strictly prohibited
7.	Analogue TV Transmitters	Prohibited
8.	Television sets with analogue tuners only	Prohibited
9.	Mobile signal boosters/repeaters	Prohibited except where authorized for mobile network operators.

APPENDIX 6

Classification Criteria for Electronic Communication Equipment

SN	Risk Classification	Risk Basis	Description	High Risk Electronic Communication Equipment Includes
1	High Risk	RF Transmission:	The device actively transmits radio frequency signals, which may interfere with other spectrum users if not properly regulated.	Cellular Telephones, DECT Phones, Cellular Signal Boosters
2	High Risk	Licensed Spectrum Usage	The device operates on regulated (licensed) frequency bands that require strict control to avoid harmful interference and ensure compliance with national spectrum management policies.	HF/VHF/UHF Radios, Point to Point Radios, RRU, VSAT Terminals
3	High Risk	Critical Network Infrastructure	The device forms part of essential telecommunications infrastructure, therefore requires close scrutiny to ensure operational reliability and regulatory compliance.	Base Transceiver Stations (BTS), Radio Repeaters, Microwave Links, Enterprise / Corporate Network Routers (LAN Edge or Distribution Routers), Telecom / Carrier-Grade Servers, Carrier-Grade or Core Network Firewalls
4	High Risk	Wireless Signal Management	The device manages or extends wireless connectivity, posing potential risks to signal integrity or the RF environment if not certified.	Media Gateways, Network Bridges, IP-PBX or Hybrid/Hosted PABX
5	High Risk	Broad Coverage and High Power Emissions	The device emits high-power signals or serves wide areas, increasing the potential for	FM Transmitters, Television Transmitters, Satellite Earth Stations, Radars, Carrier-Grade Access Points

SN	Risk Classification	Risk Basis	Description	High Risk Electronic Communication Equipment Includes
			interference and necessitating Type Approval oversight.	
6	High Risk	Critical Network Control and Monitoring (No Direct Spectrum Interface)	The device does not emit or receive RF signals but performs core network monitoring, management, or control functions. Its malfunction, incompatibility, or substandard performance could disrupt national telecommunications services, posing systemic operational risks despite the absence of direct RF emissions.	Network Management Systems, Network Controllers, Core Routers, Firewalls, Carrier-Grade Routers / Core Routers, Network / Core Service Servers

Low-Risk Classification Criteria

SN	Risk Classification	Risk Basis	Description	Low Risk Electronic Communication Equipment Includes
7	Low Risk	Non-RF Emitting Devices	The device does not transmit radio signals and operates over wired connections.	Standard Application / File / Database Servers, Network Switches, Printers, Enterprise Analogue/Digital PABX
8	Low Risk	Passive RF Use:	The device only receives radio signals (e.g., FM radios, televisions) and does not emit RF energy.	FM Radios, Television Sets, Satellite Receivers
9	Low Risk	Short-Range, Low-Power RF Devices:	The device uses unlicensed bands (e.g., ISM bands) at low power for short-range communication (e.g.,	Bluetooth Devices, Wireless Headsets, Smart Watches, IoT Sensors, Small Office / Home

SN	Risk Classification	Risk Basis	Description	Low Risk Electronic Communication Equipment Includes
			Bluetooth devices, wireless headsets).	Routers (SOHO), Consumer / SOHO Access Points
10	Low Risk	IT or Peripheral Equipment	The device is a general-purpose computing or peripheral device with minimal or no direct interaction with the electromagnetic spectrum.	Laptops, Desktops, Scanners, External Storage Drives
11	Low Risk	No Direct Spectrum Interface (Non-Critical):	The device performs network monitoring, control, or processing without any RF component and does not directly impact core or national telecommunications services.	Firewalls for local networks, Small Office Controllers, Network Analyzers

APPENDIX 7

List of Equipment Exempt from Type Approval

No.	Equipment Category	Description	Permitted Use
1	Personal-use electronic communications equipment	Equipment of the same make and model imported in quantity of up to five (5) pieces.	Personal use only
2	Receive-only radio terminal equipment	Radio terminal equipment that is technically incapable of transmitting any radio signal and is designed solely to receive broadcasts or other one-way transmissions. Examples include: (a) FM/AM radio receivers (including digital radio receivers); (b) terrestrial or satellite television receivers (c) GPS and GNSS receivers used purely for navigation (no two-way data uplink); (d) paging receivers; and (e) satellite weather data receivers.	Personal and commercial use
3	Infrared (IR) remote control and short-range IR communication equipment	Short-range infrared devices that do not use radio frequency spectrum, including: (a) consumer IR remote controls for televisions, set-top boxes, air conditioners and home appliances; (b) IR data communication ports on laptops and printers (IrDA); and (c) IR proximity sensors embedded in consumer devices.	Personal and commercial use
4	Testing, Temporary exhibition and demonstration equipment	Electronic communications apparatus imported temporarily for testing, display or demonstration at a licensed trade fair, exhibition, conference or product launch, provided that: (a) the equipment is not offered for sale or used on a public network during the testing or exhibition period; (b) a temporary import permit is obtained from the	Testing Exhibition and demonstration use only within a specified period

No.	Equipment Category	Description	Permitted Use
		Authority prior to importation; and (c) the equipment is re-exported or destroyed within 30 days of the conclusion of the testing, in the event that the outcome is unsatisfactory, or close of the event.	
5	Personal medical monitoring and assistive communication equipment	Electronic communications apparatus used for personal health monitoring or assistive purposes, including: (a) hearing aids operating within ETSI EN 302 195 parameters; (b) medical implants (e.g. cochlear implants) approved by the Zambia Medicines Regulatory Authority (ZAMRA); (c) personal emergency response systems (PERS) operating on short-range ISM bands; and (d) continuous glucose monitors (CGM) and similar body-worn sensors transmitting only to a paired personal device at ultra-low power ($\leq 25 \mu\text{W}$ e.r.p.).	Personal medical use only
6	Humanitarian and emergency relief communications equipment	Electronic communications apparatus imported for use in declared disaster or emergency situations by: (a) United Nations agencies, the International Red Cross/Red Crescent or accredited NGOs operating under a disaster declaration issued by the relevant Government authority; and (b) licensed emergency services responding to a declared national disaster. The Authority may, at its discretion, issue a time-limited exemption notice valid for the duration of the declared emergency.	Humanitarian/emergency response only - for the duration of the declared emergency



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