

## **GENERAL INFORMATION**

### **How to Apply**

1. Application form along with undertaking and checklist for Type Approval of Terminal Devices is available on PTA website. The application along with supporting documents in CD/DVD/USB may be submitted to PTA Headquarters F-5/1, Islamabad, Pakistan.

### **About the Application Form**

- Separate application is required for each terminal device model. If model of the equipment changes, the applicant will need to get fresh type approval of that equipment from PTA
- The type approval applicant may appoint a local 3rd party/representative/consultant etc. for submission of the type approval and certificate of compliance to technical standards (CoC) application and to represent them at PTA

### **Samples for Testing**

Applicant is required to submit a sample quantity (1) along with the application for type approval to be used for testing and evaluation by the PTA. Furthermore, PTA may return the sample if the applicant will provide the documentary evidence from the manufacture reflecting manufacturing price to be more than USD 2000 within 3 months from issuance of type approval certificates. Any claim after lapse of time duration shall not be entertained.

*Note: Submitted sample may be disassembled by PTA, to perform internal hardware/PCBA validation/testing etc. as part of technical assessment. Applicant is made aware that such assessment may result in voidance of device warranties by manufacturer and PTA shall not be liable for it.*

## Sample Supporting Information

- The applicant shall provide the following as part of Type Approval

### Application Checklist for Process of Type Approval Documents

Document Checklist	Requirement
Application Form	Mandatory
Application Fee	Mandatory
Undertaking from applicant that PTA Regulations/Directives will be followed	Mandatory
Sample (ONE) with all accessories needed to test the device by PTA.	Mandatory
In case of a new company NTN, SECP, City Government, Company Profile etc. details where applicable, Registration from SECP/City Government/Registrar/Firm along with NTN for local company /organization/company. Foreign companies will provide company profile, company registration etc. in their respective country whichever is applicable	Mandatory
Declaration of Conformity (DoC) by the manufacturer reflecting the applied device standards e.g. RF, Safety, SAR, EMC/EMI etc.	Mandatory
Provision of Type Allocation Code (TAC) details (e.g. GSMA TAC Certificate or GSMA TAC Code programmed on applied model devices etc.) from GSMA Association in case of device offering IMEI/SIM base functionality. As part of evaluation of type approval request PTA will verify applied TAC with GSMA database and if needed further verification can be asked directly from GSMA for specific TAC. Upon approval of type approval request, all GSMA TAC (excluding those TAC which is placed on blacklist by the Authority) issued against the specific model to be included. Furthermore, manufacturers/type approval holder /persons will ensure that device IMEI cannot be modified and no such provision will be built in the mobile device for use to perform such change.	Mandatory
Undertaking from manufacturer that device being type approved is for mass produce consumer purpose only and all native applications installed do not support any customized in-built encryption as part of its primary device functions. Provided that PTA reserves the right to forward relevant device information to concerned government bodies for evaluation/clearance as and when deemed necessary	Mandatory
Undertaking from manufacturer that sanctity/privacy of the user data shall be ensured	Mandatory
Technical Data Sheet, reflecting Specifications for the device e.g. output power, operating frequency, range etc.	Mandatory
System based testing/checking e.g. Operating system, firmware, Internal hardware installed such as PCBA board etc.	As and when required by PTA, where PTA may also ask for physical/Remote demo by applicant/manufacturer to explain features of device
Test Reports for standards reflected within DoC	Detailed test reports for standards reflected within Declaration of Conformity shall be submitted to PTA as and when required e.g. RF, Safety, SAR, EMC/EMI etc. PTA reserves the right to send such reports to issuing lab/OEM/Manufacturer for verification as and when required

Note: The authority may change the checklist from time to time as and when deemed necessary in line with best international practices and technology evolution

### Type Approval /Testing Fee

- The Authority Charges Application Processing Fee (Non-Refundable) and Type Approval Certificate Fee separately. The application processing fee is in Pak Rupees equivalent to US\$100 for local and imported equipment respectively and is non-refundable. The type approval fee for each category is separate and mentioned in Equipment Categories and Fee Structure. The amount has to be deposited to PTA in the form of pay order / demand draft. Particulars of bank account are as under:

<b>Bank Account Detail for Deposit of Pakistan Telecommunication Authority Dues/Fees/Charges (Excluding AJK&amp;GB and MoIT Dues)</b>	
<b>Account Title</b>	Pakistan Telecomm. Authority Fund A/C
<b>Bank Account Number</b>	3000942222
<b>Bank Name</b>	National Bank of Pakistan
<b>IBAN</b>	PK39NBPA2221003000942222
<b>Branch Code</b>	2221
<b>Branch Address</b>	Ground Floor, NBP Building, Sector G-5/1, Islamabad, 44000, Pakistan. Contact: 051-9244969

### PTA Accredited Test Laboratories

- The Authority will accept Test Reports issued by a world-renowned Laboratories by the international accredited laboratories are accepted for type approval. PTA get any product retested if required.
- Details for Acceptable Technical Standards is available on PTA Website.

### Type Approval At Module Level

- If approval is required for a module which may be used in more than one product or model, then the applicant is required to submit a testable module with all other conformance reports. No further type approval is required prior module level type approval has been obtained.

### ISM Band For WLAN, Bluetooth Etc

- Approved ISM band for Wireless equipment operating on non-interferences basis are 2.4-2.5 GHz and from 5.725-5.850 GHz and output power of up to 30dBm.
- Industrial Scientific and Medical (ISM) bands comprising 2.4-2.5 GHz and 5.725-5.875 GHz may be used free of charge by CVAS Data and Local Loop on Non-Interference Basis (NIB) with following

restrictions on power limits:

- Commercial/ non-commercial (Public/Private) use for establishing Wi-Fi hot spot. Maximum EIRP of 30 dBm for each of the following bands: 0 Commercial/ non-commercial (Public/Private) use for establishing Wi-Fi hot spot. Maximum EIRP of 30 dBm for each of the following bands:
- 2.4-2.5 GHz
- 5.725-5.875 GHz

### **Identity of Terminal Equipment that is type approved by PTA**

1. In order to verify that the terminal equipment being sold commercially is a type approved model, the type approval holder will place a verifiable sign (Paper or Electronic embedded within the software) with following details at a minimum on each type approved terminal equipment as follows:

(a) Unique Type Approval number issued by PTA and verifiable sign reflecting Approved by PTA.

2. Manufacturer(s)/ authorized distributor(s)/ importer(s)/dealer(s) shall, specify through a verifiable sign (Paper or Electronic embedded within the software) that the terminal equipment offered by them is "Approved by PTA".
3. Type Approval holder using electronic identification sign shall ensure that type approved device equipped with an integrated electronic display screen, or a device without an integrated screen that can only operate in conjunction with a device that has an electronic display screen will show on the electronic display the PTA Identifier that equipment is type approved.

### **For SIM/IMEI based Terminal Equipment/ Mobile device(s) on following conditions:**

<b>Parameter</b>	<b>Details</b>
PTA Type Approved Mobile Device	Device shall be a model which is PTA Type approved
GSMA Type Allocation Code (TAC)	IMEI for device(s) will contain only GSMA issued TAC which are reflected within the PTA issued type approval certificate and details of same is available on PTA website
Duplicated/Cloned/Stolen/Counterfeit IMEI	Devices that contain duplicated/cloned/stolen/counterfeit shall not be considered for issuance of CoC by PTA

Undertaking by Applicant	Undertaking by applicant to abide by all GoP, PTA , regulations and import terminal equipment which are operational/functional, do not incorporate Duplicated/Cloned/Stolen/Counterfeit IMEI and provide after sales to its customer
Apply via PTA online Portal	Applicant shall apply via PTA online portal link available at <a href="http://dirbs.pta.gov.pk/drs">dirbs.pta.gov.pk/drs</a> and upload all listed requirement into the portal system

**For non-SIM/IMEI based Wireless Terminal device(s) following conditions are required**

Applicant may submit request by submitting document and form attached as **Annex D**

**For SIM/IMEI based Terminal mobile device(s) imported by a person for personal use following conditions shall be fulfilled :**

Parameter	Details
GSMA Type Allocation Code (TAC)	IMEI for device(s) will contain only GSMA TAC
Duplicated/Cloned/Stolen/Counterfeit IMEI	Mobile devices that contain duplicated/cloned/stolen/counterfeit shall not be allowed for issuance of CoC by PTA
Quantity	Only 5 mobile devices in a calendar year will be allowed
Apply via PTA online Portal	Applicant shall apply via PTA online portal link available at <a href="http://dirbs.pta.gov.pk/drs">dirbs.pta.gov.pk/drs</a> and upload all listed requirement into the portal system

**Note:** Foreign Missions including High Commissions and Embassies shall file their COC requests for import of telecommunication equipment through Ministry of Foreign Affairs, however they will have to apply for Type approval for terminal equipment after providing required documents/sample/fee to the PTA.

(3) PTA has the right to cancel/suspend the CoC issued in case the product being imported/sold is found to be having manufacturing faults, hazardous to health/safety and not conforming to standards stated at the time of grant of COC