

**FAB**

FREQUENCY ALLOCATION BOARD
Headquarters, Plot No. 112, H-10/4, Islamabad
www.fab.gov.pk

APPLICATION FORM FOR THE ESTABLISHMENT OF SATELLITE EARTH STATION

- 1 Name of Applicant / Organization: _____
 Postal Address: _____
 Tel. (with city code): _____ Fax No: _____ Web Site: _____
- 2 Contact Person: Mr/Ms/Mrs: _____
 (First Name) (Last Name)
 Designation: _____ Department: _____
 Tel: (with city Code): _____ Mobile No. (if any): _____
 Fax (with city Code): _____ Email: _____
- 3 **Link Details:**
 a. Nature of Service: Public Government Limited Public Private
 b. Type of Link Bi-directional Unidirectional Spread Spectrum Technology
 For Voice For Data Other
 c. Link Capacity: _____ Mbps d. Link to be used for: _____
 e. Working Time: From: _____ To: _____ f. Type of Transmission: analog / digital g. Frequency Band _____
 h. Frequency Spot (Requested: Tx: _____ Rx: _____ i. Channel Bandwidth: _____
 j. Modulation Type: _____ k. Total No. of Site: _____
 l. Designation of Emission: _____ m. Duration of License: 3/ 5/ 10/ other years _____
- 4 **Site Data**
 a. Name of Station: _____
 b. Address of Station: _____
 c. Coordinates:
 Longitude: _____ Degrees _____ Minutes _____ Seconds
 Latitude: _____ Degrees _____ Minutes _____ Seconds
- Note: Provision of Coordinates upto the accuracy of Second is mandatory**
- d. Height of Site Above Mean sea Level (meters): _____
 e. Type of Location: City Hill By river Within 16 km of aerodrome Rural
- 5 **Equipment data:**
 a. Equipment Name: _____ b. Manufacturer: _____
 c. Frequency Range: From: _____ To: _____
- 6 **Transmitter:**
 a. Equipment Operating Output: Max: _____ Working: _____
 b. Total Attenuation (dB): _____
 c. **Attach Spectrum Chart for Transmitter**
- 7 **Receiver (for BER 10⁻⁶):**
 a. C/I at threshold level (dB): _____ b. Receiver threshold level (dBm): _____
 c. Total Attenuation (dB): _____
- 8 **Antenna Data:**
 a. Antenna Name/ID: _____ b. Antenna type: _____
 c. Manufacture: _____
 d. Antenna frequency range from: _____ To _____
 e. Antenna gain: _____ (dBi)
 f. Polarization: _____ g. Diameter _____
 h. Antenna height above ground level (meters): _____ m
 i. Half Power Beam Width: _____ j. Front to Back Ratio (dB): _____

k. Lossess (dB): Feeder: _____ Branch: _____ Switch: _____

9 **Satellite Data:**

- a. Name of Satellite _____ b. Orbital Position: _____
 - c. Beacon Frequency _____
 - d. Power of Emission: _____ e. Power Density: _____
 - f. Standard used: (IBS/IDR/Drop Insert/ Other) _____ In case of other, also provide technical details.
 - g Data Security Measures used (FCC Method) _____
 - h Antenna height above ground level (meters): _____ m
- Note: Attache Antenna Specification as per Serial 9, also include off-Axis Characteristics
- i Operator _____ j. Country _____
 - k. Address of the Operator: _____

DECLARATION

I declare that information provided in this application and accompanying documents is true and correct in every Details. I undertake to observe the conditions of the license, and hereby certify that the equipment herein Described will be worked in accordance with the provisions of the license.

Signature: _____

Designation: _____

Name: _____

Date: _____

Office Seal

Check List for Satelliet Earth Station forms)

S. No.	Required Documents			Remarks PTA Use Only
1	Bank Draft as Application Processing Fee. Demand Draft No: _____ Amount: _____			
2	Letter of intent.			
3	Justification for VHF / HF Communication System Requirement.			
4	Application on Prescribed Form along with Complete Network.			
5	Detailed Technical Literature of the Equipment.			
6	Antenna Pattern (Azimuth/Elevation Co-Polarization and Cross polarization charts, also in tabular form)			
7	Spectrum chart for Transmitter.			
8	Comprehensive Network Diagram.			
9	Site Coordinates duly verified by the Survey of Pakistan or commercially available GPS Operator			
10	Map Showing Exact Site.			
11	Certificate of Incorporation (Including Memorandum & Article of Association and Form-29 duly certified by SECP)			
12	Organizational Structure of the Company/Concerned Section dealing with the wireless license along with Contact Addresses / Nos.			
13	Copies of CNIC/Passport of CEO & Contact Persons.			

Prepared By: _____

Signature: _____