

**Ministry of Information & Communications**  
**Frequency Management & Technology Analysis Division**

Application data Form for "VSAT Station"

Name of Applicant/Firm: ..... Name of Contact Person: .....

Address: ..... Tel/Fax/Email: .....

Owner(s): .....

**Satellite Network System including Hub station:**

Space station location : ..... ( in degrees) Name of Satellite .....

Hub Station location : .....(name of place) Hub Station Owner/Operator .....

Assigned Frequency Band:..... (in MHz) Assigned Spot Freq. for communication ..... (in MHz)

Maximum Bandwidth/Speed can be used .....

Notifying Administration: ..... ( name of Country and administration)

Address of Administration: .....

**Earth station Information :**

Type of Earth Station : ..... (Rx only / Tx only / Tx & Rx) Antenna size :..... (in meters)

Designed Frequency Range for: (i)FEED: ..... MHz (ii)HPA: ..... MHz

(iii) LNA/LNB: ..... MHz Type: .....

Usable Frequency range(s) : (i)Tx: .....MHz (ii) Rx:.....MHz

Usable Orbital arc : From:.....To..... (in degree) Maximum/saturation EIRP.: .....(in dBW)

Number of carriers: Tx:..... Rx:..... Description of tracking system:-.....

Data/voice transmission media: ..... (Pair/RS-232/Cable/optical fiber/wireless)

Number of Transmitters. .... Company ..... Model: .....

S.No(s). .....

**Service Information:**

Mode of Information: - .....(Data/Voices /Video conference/ others)

Period of Service: (Time) From .....: To.....

Type of service: .....(International / Domestic) ..... (Communication/Broadcasting/Link)

Link with/to: .....

Mode of Service: ..... (Tx / Rx/transreceiver) Leased or Purchased capacity.....(in MHz/Mbps)

Tx rate: ..... (in BPS) Rx rate: .....(in BPS)

Modulation /Access Method: ..... /..... (Analogue/Digital)

Ping/ DNS No(s). .....(If applicable)

Protocol(s): ..... (X.25, POP or etc.)

Location of antenna .....N .....E (co-ordinates in dd-mm-ss.s) (please provide survey data)

Geographical Name of location..... Height of Platform (from MSL): .....(in meter)

Location of platform: ..... (ground/roof) Type of antenna(s): .....

Polarization type: ..... Tilt of Antenna (with horizontal plane) ..... (in Degree)

Tilt of antenna (clockwise with magnetic North): .....(in degree) Gain of transmitting antenna: ..... ( in dB)

Is the fixing of antenna good enough to stand general earthquake: ... [Yes/No] ..... Richter Scale

Is the fixing of antenna good enough to stand high winds.: [Yes/No] Upto max speed: ..... (knots)

Lightening arrestor: ... [Yes/No] No of arrestors: ..... Arrestor type.....

Any other comment: .....

Tower Design & calculations, foundation design & calculation, map of tower and other relevant document etc. are to be submitted to the Site-Inspector.

ANTENNA