

Month Day, Year

The Managing Director,
Company Nigeria Limited,
Street, District,
City,
State.

Dear Sir,

MOBILE SATELLITE SERVICE (MSS) NETWORK FREQUENCY LICENCE

Following your acceptance of the provisional offer of the Commission vide your letter dated Month, Year and your payment of the stipulated fee, the Commission hereby assigns Frequency spectrum Licence to you for the deployment of **Mobile Satellite Service (MSS)** in **Nigeria**, subject to the conditions stated below:

(1) MSS EARTH STATION PARAMETERS:

- a. Type of MSS Station: AMSS/MMSS/LMSS
- b. Frequency Bands of Operation: Ka-Band/ /L-Band/S-Band
- c. Brand Manufacturer:

(2) TRANSMITTER PARAMETERS:

- a. Transmitter (Tx) Center Frequency: _____ MHz
- b. Frequency Range of Operation: From: _____ MHz To: _____ MHz
- c. ITU Class of Emission Designator:
- d. Max. EIRP/Carrier (dBW):
- e. Max. ERP Density per Carrier (dBW/4KHz):

(3) RECEIVER PARAMETERS:

- a. Receiver (Rx) Frequency: _____ MHz
- b. Frequency Range of Operation: From : _____ MHz To: _____ MHz

(4) ASSOCIATED GATEWAY EARTH STATION (GES) PARAMETERS:

- a. Associated GES Site ID:
- b. Associated GES Site Address:
- c. Town/City:
- d. Country:
- e. Latitude:
- f. Longitude:
- g. Site Elevation, Above Sea Level (ASL):

(5) ASSOCIATED SPACE SATELLITE PARAMETERS:

- a. Name of Associated Space Satellite:
- b. Orbital Type of Satellite:

c. Orbital Position of Satellite:

(5) MSS NETWORK PARAMETERS:

To be submitted in line with MSS network reporting template biannually (on **January 7** and **July 7** of each year) via the URL <https://www.ncc.gov.ng/accessible/documents/824-satellite-services-deployment-reporting-template>

(6) LIMITATIONS ON USE:

The MSS Stations shall only:

- a. Use the frequencies specified in the Transmit Frequency and Receive Frequency in this assignment.
- b. Communicate with Satellites in the orbital position as specified in **4 above**.
- c. Use a power not exceeding that specified in the Effective Isotropic Radiated Power (EIRP) in this frequency assignment.
- d. Use power density not exceeding that specified in the Spectral Power Density of the equipment.
- e. Use the classes of emission specified in **the ITU RR (to state specific reference)**.
- f. Operate within the territorial boundaries of Nigeria.

(7) Effective Date shall be **Month/Day/Year**.

(8) The next renewal will be due by **Month/Day/Year**. The renewal fee shall be based on the Frequency License Fee and Pricing Regulation in force at the time of renewal.

(9) The frequency spectrum to be used by the MSS Station Network has also been assigned to other terrestrial services with co-primary allocation. XXX is to ensure that there is proper coordination with these services to avoid harmful interference.

(10) The MSS Station Network shall STRICTLY communicate with either a XXX Geostationary Satellite or a XXX Non-geostationary satellite (as specified in XXX application form) that has been authorized by the Commission.

(11) The characteristics of the MSS Network shall remain within the envelope characteristics of typical earth stations associated with the satellite network with which other VSATs communicate.

(12) The use of MSS Network shall not cause more interference and shall not claim more protection than for typical earth stations in the GSO/Non-GSO FSS network.

(13) Receiving MSS Earth Stations in the assigned frequency band shall not claim protection from terrestrial services to which the frequency band is allocated and operating in accordance with the Radio Regulations.

(14) Transmitting MSS Earth Stations in the assigned frequency band shall not cause unacceptable interference to terrestrial services to which the frequency band is allocated and operating in accordance with the Radio Regulations.

- (15) XXX MSS Network Operator is required to comply with Resolution 22 resolves 3 of the ITU WRC-19.
- (16) XXX is required to submit to the Commission data on the telecommunications subscribers they provide services to. A copy of the template for submission can be downloaded from the Commission's website through the path:
<http://www.ncc.gov.ng/technology/spectrum/eartstation-report-templates>.
- You are required to complete all the fields and submit in both hard and soft copies. The soft copy should be sent to spectrum-space@ncc.gov.ng. A CD copy should also be sent to the Commission. You are to comply strictly with this template when sending your data to the Commission.
- (17) XXX is also required to submit regular updates of the data referred to in (16) **above** to the Commission **twice** every year.
- (18) Updates should be submitted on **January 7** and **July 7** of each year. In situations where these dates fall on weekends or Public Holidays, the submission will be due on the next working day following the due dates.
- (19) XXX is hereby reminded that all equipment must be **Type Approved** by the Commission before installation.
- (20) The Commission may withdraw this assignment and invoke sanctions if it is used contrary to the stipulated conditions without prior written approval from the Commission, or if false information on the actual usage of the frequency is provided to the Commission.

Thank you.

Yours faithfully,

For: Nigerian Communications Commission

EXECUTIVE VICE CHAIRMAN/CEO