Notes for QATARSAT-G6-28.2E Satellite Network

To: **Space Services Department**
Radiocommunication Bureau
International Telecommunication Union (ITU)

Dear Sir / Madam,

Please consider the following notes in respect of this satellite network.

Note 1

We have carried out the validation of this satellite network with the latest available version of BR SIS Validation tool, which shows that there are no fatal errors in this satellite network.

Note 2

All Space-to-Earth transmissions will comply with the applicable PFD limits in **Article 21** of the Radio Regulations using the method described in **Annex 1 to the Rule of Procedure for No. 21.16** of the Radio Regulations.

Note 3

Earth station antennas shall be employed for transmission in accordance with **No. 21.14** of the Radio Regulations.

Note 4

For Beams in 14.5 – 14.75 GHz band in Regions 1 & 2 in the fixed-satellite service (Earth-to-Space) not for feeder links for the broadcasting-satellite service, the earth stations will be operated in accordance with **Resolution 163 (WRC-15)**.

Note 5

For Beams in 14.5 – 14.8 GHz band in Region 3 in the fixed-satellite service (Earth-to-Space) not for feeder links for the broadcasting-satellite service, the earth stations will be operated in accordance with **Resolution 164 (WRC-15)**.

Note 6

Beams in 14.5 – 14.75 GHz band in Regions 1 & 2 and 14.5 – 14.8 GHz band in Region 3 in the fixed-satellite service (Earth-to-Space) not for feeder links for the broadcasting-satellite service, will also comply with the technical conditions mentioned in **No. 5.509C, No. 5.509D & No. 5.509E** of the Radio Regulations.

Note 7

We have carried out the Article 21 compliance examinations of this satellite network with the latest available version of GIBC software tool. The analysis results show that there are no unfavourable findings in both EIRP and PFD examinations.

We hope that the above information will suffice for the successful examination and subsequent publication of this satellite network with favourable findings, however, please do not hesitate to contact us in case any further clarifications are required.

The continuous support extended by the Bureau is highly appreciated.

Yours Sincerely,

Sami Amin Mustafa
Spectrum Planning Section Head
Communications Regulatory Authority
State of Qatar