

Response to FCC Inquiry; 0245-EX-CM-2018; Reference # 45326

- 1) What is the size of the proposed antenna(s) **0.3 Meters.**
Please submit antenna's pattern performances **Attached.**
- 2) Please submit a radiation hazard of the proposed antennas. **Attached**
- 3) Please provide Point of communication: **Inmarsat I5 F2 and I5 F3**
- 4) If the proposed satellite is GSO satellite, please demonstrate or certify the operation in the 29.5-30 GHz band will meet the Section 25.138 of the Commissions 'rules. **Antenna Plots show compliance with 25.138**
- 5) If the proposed satellite is NGSO satellite, please demonstrate that your proposed operations in the 29.5-30 GHz band will meet the equivalent power Flux-density levels in the Table 22-2 of Article 22, Section II, and Resolution 76 of the ITU radio Regulations. **N/A**
- 6) Please certify that your proposed operations are in compliance with all existing or future coordination agreements between the proposed satellite operators and other GSO and NGSO satellite networks.
System operates under the blanket authority of FCC call sign E140114.