

From: Richard Peal

To: Nimesh Sangani
Date: August 18, 2021

Subject: Additional Information Request

Message:

Hello,

In response to reference number 64037 dated August 17, please see the Power Flux Density from satellite to the Earth and to the geostationary arch for the 8025-8400 MHz.:

Calculated based on a peak TX power of 2W and an antenna gain of 3dB, beginning at orbital injection at 550 km, we have the following Power Flux Density measures:

SAT->GROUND: $1.052e-12$ Watts/m²

SAT->GEO: $2.564e-16$ Watts/m²

Please review and let us know if this meets the requirement. Thank you again for your time and support.