

Oct. 12, 2021

Digisat International
OET File No. 0369-EX-ST-2021
Call Sign WR9XUE

Section 5.77(b) Notification

Pursuant to FCC Rule Section 5.77(b), Digisat International (“Digisat”) hereby notifies the Office of Engineering and Technology that it will add the emissions designator “0K00N0N,” “0M00N0N,” or simply “N0N” to the operation of call sign WR9XUE. *See Digisat International*, Grant, OET File No. 0369-EX-ST-2021, Call Sign WR9XUE (June 3, 2021). Digisat understands these emission designator variations to be equivalent.

Digisat has determined that testing would benefit from the inclusion of an additional emission designator in our authorization, specifically for a continuous wave (CW) transmission. Digisat will continue to operate using the same earth station antenna and effective radiated power that is attributed to the current grant.

Under Section 5.77(a), the inclusion of this new emission designator will not permit the operating frequency to deviate more than the allowed tolerance, allow emissions outside the authorized band, or cause the radiated power (ERP/EIRP) or antenna to be inconsistent with the current authorization or relevant regulations. *See* 47 C.F.R. § 5.77(a).

With respect to the protection of geostationary systems (“GSO”) in the Fixed Satellite Service (“FSS”), Digisat previously submitted an interference analysis demonstrating its compliance with the applicable equivalent power flux density (“EPFD”) limits in accordance with Article 22 of the Radio Regulations. *See* Draft Submission for FCC Temporary License for Test Station (rev7), OET File No. 0369-EX-ST-2021 (filed Mar. 12, 2021); Support Documentation for OET-EAE Temporary License, OET File No. 0369-EX-ST-2021 (filed Mar. 19, 2021). In this analysis, Digisat already assumed a radiated power (ERP/EIRP) density that is consistent with that of a CW transmission. Consequently, the addition of an emission designator for a CW transmission will not alter the protection status of GSO FSS systems.