

From: Christopher Imlay

To: Nimesh Sangani

Date: August 22, 2020

Subject: Additional Information Request

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Message:

You request further explanation as to how the applicant plans to coordinate and avoid harmful interference to Fixed Microwave Service operations due to a vast geographic area including U.S. nationwide.

interference avoidance is assured by virtue of the exceptionally low power and low power spectral density from the proposed use of the SafeTag devices. The RMS average EIRP of the devices is below 41.3 dBm per 1 megahertz and the peak level contained within a 50 megahertz bandwidth is below 0 dBm EIRP. The interference potential of these devices, individually or in the aggregate, to any incumbent radio service operating in the band 3700-4200 MHz is negligible. The devices are intended to register and record very short distance separations over exceptionally short paths, and they are to be deployed for NFL staff and players are traveling together.