

From: Greg Barrett

To: Nimesh Sangani

Date: April 16, 2019

Subject: Additional Information Request

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Message:

The 2200 to 2300 MHz frequency is not for satellite use, it is for a small handheld prototype device that transmits low power Under 250MW for line of site communications between a small group of users. GDMS is researching advanced RF techniques to achieve Low Probability of Detection (LPI/LPD/AJ) using techniques: Adaptive Beam Forming, MIMO and hybrid spread spectrum.