

From: Joel Thorsheim

To: Leann Nguyen

Date: August 09, 2017

Subject: Request for Info - File # 1081-EX-ST-2017

Message:

The original application was submitted for 1 watt but we have since, determined that the average power will be 10 micro-watts or less while sweeping through the frequency band and updated the application accordingly.

High-intensity Radiated Fields (HIRF) protection testing is accomplished to comply with 14 CFR §§ 23.1308, 25.1317, 27.1317, and 29.1317 per guidance in FAA Advisory Circulars AC 20-158 and AC 20-158A.

The external HIRF environments I, II, and III, as published in 14 CFR §§ 23.1308, 25.1317, 27.1317, and 29.1317, are shown in tables 2, 3, and 4, of AC 20-158. These HIRF environments require a broad range of frequencies.

Please clarify what would be acceptable to the NTIA to "narrow down the band" for these HIRF environments.

Thanks

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