

Exhibit 2 – HIRF Directives

This special Temporary Authorization is required to conduct testing necessary to support aircraft certification for High Intensity Radiated Fields (HIRF). The test data will be used to assure compliance with HIRF requirements as specified by the following directives.

Applicable 14 CRF Regulations

23.1308	High-intensity Radiated Fields (HIRF) Protection
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FAA

FAA 8110.71	Guidance for the Certification of Aircraft Operating in High Intensity Radiated Field (HIRF) Environments
AC 20-158	The Certification of Aircraft Electrical and Electronic Systems for Operation In The High Intensity Radiated Fields (HIRF) Environment

Industry Guidance

RTCA DO-160E	Environmental Conditions and Test Procedures for Airborne Equipment
SAE ARP5583	Guide to Certification of Aircraft in a High Intensity Radiated Field (HIRF) Environment
ED90A	Radio Frequency Susceptibility Test Procedure
ED107	Guide to Certification of Aircraft in a High Intensity Field (HIRF) Environment