

Commercial Electronic Systems

Honeywell International Inc.
21111 N. 19th Avenue
Phoenix, AZ 85027

Date: March 8th, 2006

Federal Aviation Administration
ATC Spectrum Engineering Services
800 Independence Ave., SW
Washington, DC 20591

Mr. Oscar Alvarez:

Honeywell International, Inc. is currently applying for Federal Communication Commission certification of the HD-128 SATCOM TRANSCEIVER, part number 7520010- 55200, -10200, FCC ID: GB8HD-128. Formal application dated January 24, 2006.

The HD-128 is designed to operate as part of a Satcom Airborne Earth Station (AES). In this application, the transmitted output of the unit goes through a receive/transmit diplexer before going to the antenna. The diplexer used is either a Type A, or modified Type A device which meets the Transmit Port to Antenna Port rejection characteristics specified in ARINC CHARACTERISTIC 741 PI-10, AVIATION SATELITTE COMMUNICATION SYSTEM, PART 1, AIRCRAFT INSTALLATION PROVISIONS, Published: December 24, 2003, sect. 2.2.4.3.1 and 2.2.4.3.3.

When used with either of these diplexer types, the Harmonics, Discrete Spurious, and Noise Density levels transmitted by the HD-128 as part of the Satcom AES, conform to the requirements specified in RTCA DO-210D, Change No. 1 for the GPS band, 1159 MHz to 1610 MHz.

Sincerely,
Honeywell

Charlie Dosdall

Charlie Dosdall
Technical Manager Satcom Hardware