

Attachment to FCC Form 731
Permissive Change Request
FCC ID: AQZ-MX-9325
Exhibit 13
Cover Letter

May 7, 2002

Andrew Leimer
Federal Communications Commission
Office of Engineering and Technology
Equipment Authorization Bureau
7435 Oakland Mills Rd
Columbia MD 21046-1609

Subject: Application for Class II Permissive Change
Harris Corporation, RF Communications Division – Model MX-9325

Dear Mr. Leimer,

In accordance with § 2.1043 (b)(2) of the FCC Rules, we are submitting to you the details of a change we are required to make to our Certificated equipment. This equipment is a licensed non-broadcast transmitter using FCC ID number AQZ-MX-9325, and was issued a grant of Certification on July 25, 2000.

The change is required because the vendor of the power output device (Q2 on Page 3, 12007-4101 PA schematic, Exhibit 5, filename pa.pdf in original application) used in this transmitter has changed. The original vendor, Motorola, has exited from most of its semiconductor business and the MRF275 device originally used in our transmitter was one of the products discontinued. However, Motorola sold much of its remaining MRF275 die stock to M/A-COM, who is now producing the device using the same MRF275 industry identification number. We have tried the new M/A-COM parts in our transmitter, and found that by adding a capacitor in the Q2 output circuit (C18, 8.2 picofarads, also on Page 3, 12007-4101 PA) we can meet or surpass the performance requirements of the power stage obtained with the older devices. We have performed a comprehensive set of tests to ensure that the technical performance characteristics are within the applicable FCC limits. A description of the tests performed and the resulting data will be found in Exhibit 6.

Please advise if you desire any further information regarding this change. You may contact me by telephone at (716) 242-3684, or via e-mail at cstoltz@harris.com.

Thank you in advance for your cooperation in approving this change.

Sincerely,

C. Joseph Stoltz III
Senior Principal Engineer
Harris Corporation
RF Communications Division