

**MOTOROLA**

Date: 4th March 2002.

Authorization & Evaluation Division
Federal Communications Commission Laboratory
7435 Oakland Mills Road
Columbia, MD 21046

**Re: Application for a Class II Permissive Change request to certificated transceiver with
FCC ID: AZ489FT5808.**

Gentlemen:

Motorola Inc., 8000 West Sunrise Boulevard, Fort Lauderdale, Florida 33322, herein submits its' request for a Class II Permissive Change for the above transceiver.

A color display has been added to the digital section of the composite voice/data radio product, and a new model number H57UAN6RR7AN was assigned to differentiate this derivative of the monochrome display product. There was no change to the main board of the product containing the transceiver circuitry. Attached are new Exhibits 3.1, 6.4.1, 9.1 and 11.1. Exhibits 3.1 and 9.1 illustrate the physical changes to the construction of the variant. Note in the photographs of 3.1-7 and 3.1-8 in Exhibit 3.1 that the flip angle has changed from 160 to 150 degrees.

To support the digital circuitry changes a new Declaration of Conformity (DOC) pursuant to CFR 47 Part 15 was prepared for the data modem functionality of this derivative composite voice/data product. It is provided as an addition to the Users Manual. The DOC certification is attached as Exhibit 8.1.

Performance data on radiated spurious emissions was obtained in accordance with 47 CFR 2.1053. Revised Exhibit 6.4.1 (Figures 6.4.1-1 – 6.4.1-4) attached contains data showing that all radiated spurious emissions are within FCC limits. However, there was an occurrence where the spurious emissions exceeded those in the original filing by an amount greater than the measurement uncertainty. All spurious emission performance measurements were performed at the Motorola Boynton Beach EMC Compliance Laboratory, FCC Registration No. 100000.

The SAR performance of this derivative radio product was verified by the A2LA certified Motorola Harvard EME Laboratory and compared with the measurements filed with the Federal Communications Commission for FCC ID: AZ489FT5808. Within the measurement uncertainty limits, SAR values did not exceed the values on file. We affirm that this radio product continues to comply with the 47 CFR 2.1093 requirements for the uncontrolled environment.

This radio product continues to meet all FCC emission requirements for which Equipment Authorization was granted. Since the radiated spurious emissions exceed those originally reported by an amount greater than that attributable to measurement uncertainty, this change does not meet the requirements for a Class-1 permissive

change. However, the performance data conforms to FCC limits, thus meeting the requirements for a Class II Permissive Change.

Please contact me at (954) 723-5793 if you require any additional information.

Sincerely,

/s/Mike Ramnath

FCC Liaison

Email address: mike.ramnath@motorola.com

Attachments:

Exhibit 3.1

Exhibit 6.4.1

Exhibit 9.1

Exhibit 8.1