

Date: September 24, 2009

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

Subject: APPLICATION FOR CLASS 2 PERMISSIVE CHANGE TO FCC AUTHORIZED Transceiver with
FCCID: **ABZ99FT5010**

A permissive change is requested for MOTOROLA 800/900 UHF MOBILE RADIO
(the subject transceiver) which is marketed in the United States and elsewhere.

A. DESCRIPTION OF PRODUCT CHANGES:

Passive components were adjusted in the transmitter section to improve stability margin under extreme VSWR and temperature conditions, to improve power margin for factory yield, and to improve margin for harmonic attenuation. A transient suppressor part was replaced on the DC input due to supplier plans to cease manufacture of previous part. An RF switch was replaced in the receiver to improve ruggedness to high input signals.

B. PERFORMANCE DIFFERENCES:

Performance data on Radiated Spurious Emissions was obtained in accordance with 47 CFR 2.1053. The performance measurements were performed at Elite Electronics Engineering, which is an FCC certified facility. Attached results shows that the Radiated Spurious Emissions (Exhibit 6G (Revised)) is within the FCC limit. The Conducted Spurious Emissions (Exhibit 6F (Revised)) is within FCC limits and is similar to those in the original filing.

C. CONCLUSION:

This radio continues to meet all FCC emissions requirements for which authorization was granted. Due to the Radiated Spurious Emissions degraded to those originally reported, thus this change requires a Class-2 Permissive Change.

Sincerely,

/s/ Larry D. Larsen (signed)

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