



MOTOROLA

Date: 26th January 2007

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 FCC ID: AZ489FT4876**

Dear Sir / Madam,

A Class 2 Permissive Change is requested for the subject transceiver which is marketed in the United States and elsewhere as the MOTOTRBO UHF R1 Portable.

A. DESCRIPTION OF PRODUCT CHANGES:

1. Changed Rx crystal filter FL400 from 3-pole to 4-pole device to improve phase noise margin.
2. Changed Rx IF amplifier Q401 orientation by 90° to minimize IF signal coupling.
3. Removed 6 ground vias below RX VCO to improve isolation from GPS data lines.

B. PERFORMANCE DIFFERENCES:

Performance data on Radiated Spurious Emissions was obtained in accordance with 47 CFR 2.1047 and 2.1033(c)(13). All Radiated Emissions performance measurements were performed at the Motorola Plantation Facility OATS which is an FCC listed site. Revised Exhibit 6G & 6F attached shows that the Radiated Spurious Emissions (2Fc) have degraded compared to the original filing but are within FCC limits and there are several harmonics present compared to those original filing.

C. CONCLUSION:

This radio continues to meet all FCC emission requirements, including RF Exposure, for which authorization was granted. However, the Radiated Spurious Emissions have degraded compared to those originally reported, thus this change does meet requirements a Class-2 Permissive Change.

Sincerely,

/s/Mike Ramnath(signed)

Mike Ramnath

Manager, Regulatory Compliance

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