



MOTOROLA

FCC ID: AZ489FT3794

Date: 18th July 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: AZ489FT3794, 136-174 MHz, 1-5 Watt Variable Power.

Dear Sir / Madam,

A permissive change is requested for VHF Portable ATEX (the subject transceiver) which is marketed in the United States and elsewhere.

A. DESCRIPTION OF PRODUCT CHANGES:

This new ATEX model is a variant of existing radio, designed with changes at the controller and PA, to add protection circuit to meet ATEX Standards rating. This radio will be a 1 Watt radio. The existing grant covers 1-5 Watt variable power.

The main PCB meets the ATEX requirements through a combination of encapsulation and intrinsically safe circuit design and layout. Protection circuitries are added to meet the safety requirement and guideline.

B. PERFORMANCE DIFFERENCES:

Performance data on Spurious Emissions was obtained in accordance with 47 CFR 2.1053. All Radiated emissions performance measurements were performed at the Motorola Plantation Facility OATS, which is an FCC listed site.

Attached results shows that Conducted Spurious Emissions (2Fc) has degraded compared to the original filing but are within the FCC limits. There are several harmonics present when compared to those in the original filing. Also, Radiated Spurious Emissions (7Fc) has degraded compared to the original filing but are within FCC limits.

C. CONCLUSION:

This radio continues to meet all FCC emissions requirements for which authorization was granted. However, Radiated and Conducted Spurious Emissions degraded to those originally reported, thus triggering a Class2 Permissive Change Request.

Sincerely,

/s/ Mike Ramnath (signed)

Mike Ramnath

Manager, Regulatory Compliance

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EXHIBIT 13A