



September 02, 2000

FEDERAL COMMUNICATIONS COMMISSION

7435 Oakland Mills Road
Columbia, MD 21046
USA

Subject: FCC Certification Authorization Application under FCC PART 15, Subpart C, Sec. 15.247 - Frequency Hopping Spread Spectrum Transmitters operating in the frequency band 2402 - 2478 MHz.

Product: 2.4 GHz FHSS OEM Transceiver
Model No.: LX2400-150
FCC ID: KQL-LX2400-150

Dear Sir/Madam

As appointed agent for Aerocomm Inc., we would like to submit the application to the Federal Communications Commission for certification of the above product. Please review all necessary files uploaded to FCC OET site for detailed information.

• **Approved Antenna Overview:**

Antenna Model/Part Number	Manufacturer	Type	Gain	Connector Type	Application*	LX2400-150
WCP-2400-MMCX	Centurion	¼ Wave Dipole	2dBi	MMCX	P/M/F	X
Z986	Maxrad	Patch	2.5dBi	MMCX	F	X
NZH2400-MMCX (External)	AeroComm	Microstrip	1dBi	MMCX	P	X
S131CL-5-RMM-2450S	Nearson	¼ Wave Dipole	2dBi	MMCX	P/M/F	X
S181FL-5-RMM-2450S	Nearson	¼ Wave Dipole	2dBi	MMCX	P/M/F	X
S191FL-5-RMM-2450S	Nearson	¾ Wave Dipole	3dBi	MMCX	M/F	X

*P=Portable, M=Mobile, F=Fixed/Basestation

• **Compliance with RF Exposure Requirements:**

The 148 mW Radio transmitter, intended for use with a mobile or base system, complies with FCC 2.1091 with the minimum RF safety distance of 30 cm.

• **Modular Transmitter Approval Request:**

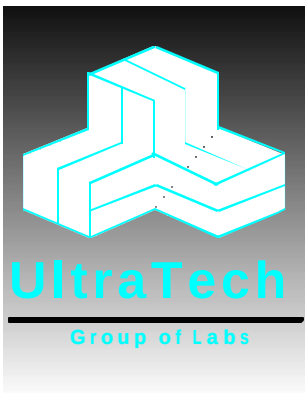
This application is subject to the FCC certification for a modular transceiver, please kindly refer to the Section 6.5 of the submitted test report for clarification of compliance for this modular transmitter with FCC Public Notice DA 00-1407.

3000 Bristol Circle
Oakville, Ontario, Canada
L6H 6G4

Telephone (905) 829-1570
Facsimile (905) 829-8050

Website: www.ultratech-labs.com
Email: tri.luu@sympatico.ca
vhk.ultratech@sympatico.ca





3000 Bristol Circle
Oakville, Ontario, Canada
L6H 6G4

Telephone (905) 829-1570
Facsimile (905) 829-8050

Website: www.ultratech-labs.com
Email: tri.luu@sympatico.ca
vhk.ultratech@sympatico.ca

- **Modular Approval Limitation:**

- ✓ This transmitter module is only sold to second manufacturer/installer. The MMCX antenna connectors shall be enclosed inside the OEM product enclosure and not accessible to end-users.
- ✓ The Model LX2400-150, which has maximum peak power is 147.9mWatts and maximum antenna gain is 3 dBi, is only suitable for Mobile and Base uses with the antenna gain less or equal to 3 dBi gain.

If you have any queries, please do not hesitate to contact us.

Yours truly,



Tri Minh Luu, P. Eng.,
V.P., Engineering

Encl