

January 12, 2000

Federal Communications Commission

Attention: Mr. Joe Dichoso
Ref.: FCC ID: KQL-PKLR2400, 731 Confirmation No.: 11395, Correspondence Ref. No.:
11395

Dear Mr. Dichoso,

In response to the latest FCC request, Correspondence # 11395:

- 1(a) We provided you with a shield that will enclose the entire board. See the photograph in "External Photos" Exhibit for details of the EUT's enclosure and assembly.
- 1b) AeroComm requires regulated 5Vdc to be provided to the PKLR2400 even though on-board regulation is provided by the PKLR2400. The VCO is regulated at 4.5Vdc and the remainder of the board is regulated to 5.5Vdc
- 1c) The radio is provided with hardware buffering for all input lines, and all input lines are controlled through Aerocomm's ASIC. The OEM can not effect compliance of the radio by altering any input lines. All compliance parameters are contained within the PKLR2400. The OEM can not override these parameters.
- 1d) We have added to the FCC warning portion of the document that the OEM must label the product with our FCC identifier. We have also added the second label to our label drawing (attached).
- 2) The antenna chart has been upgraded to use only antennas with unique connectors (see FCC warning).
- 3) Test the device with new shielding (Ultratech). The OEM radio with its new shield case was pre-scanned and the results were found no significant difference from the original; in fact some high frequency emissions are little bit better.
- 4) Please refer to the revised RF Safety Warning to reflect OEM approval

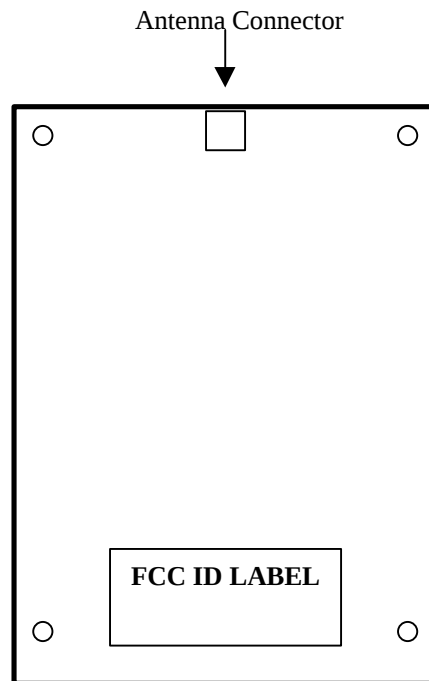
Sincerely,

Tri M. Luu, P.Eng.
UltraTech Engineering Labs Inc.

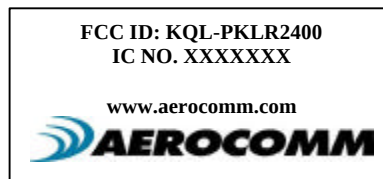
AeroComm Type Approval Label

1. DIMENSIONS = 1.5 INCH X 0.75 INCH.
2. GRAPHICS = BLACK TEXT AND BLUE GRAPHICS PER AEROCOMM ARTWORK.
3. MATERIAL = .001 THICK METALLIZED (SILVER MATTE) POLYESTER FILM WITH 2.0±0.1 MIL THICK PRESSURE SENSITIVE ACRYLIC ADHESIVE

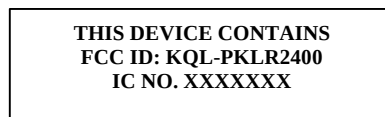
LOCATION OF FCC LABEL (Viewed from back of board)



FCC ID LABEL



OEM Type Approval Label (Must be physically located on outside of OEM product)



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Copyright Information

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FCC NOTICE



WARNING: This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference and (2) this device must accept any interference received, including interference that may cause undesired operation.

ANTENNA WARNING



WARNING: This device has been tested with an MMCX connector with the antennas listed below. Any antenna not in the following table must be tested to comply with FCC Section 15.203 for unique antenna connectors and Section 15.247 for emissions.

	Mfr	Model	Freq	Gain	Type	Connector	Dimensions
1	Centurion	WXE2400	2.4-2.5	2dBi	Omni	MMCX	<2.25"
2	Maxrad	MFB24008RPN	2.4-2.5	8dBi	Omni	R-N-F	17"
3	Maxrad	BMMG24000MSMARP12'	2.4-2.5	unity	Omni-mobile	R-SMA-M	1.75"
4	Maxrad	BMMG24005MSMARP12'	2.4-2.5	5dBi	Omni-mobile	R-SMA-M	9"
5	AeroComm	NZH2400	2.4-2.5	1dBi	Omni	Integrated	1"x0.3"
6	Maxrad	MP24013TMSMARP12	2.4-2.5	13dBi	Panel	R-SMA-M	8.7x7.9x1.1
7	Maxrad	MUF24005M174MSMARP12	2.4-2.5	5dBi	Omni-Mobile	R-SMA-M	8.75"
8	Centurion	WXR2400SMRP	2.4-2.5	2dBi	Omni	R-SMA-M	<2.25"

NOTE: R-XX IMPLIES A REVERSE POLARITY CONNECTOR

LABELING REQUIREMENTS



WARNING: The Original Equipment Manufacturer (OEM) must ensure that FCC labeling requirements are met. This includes a clearly visible label on the outside of the OEM enclosure specifying the AeroComm FCC identifier , KQL-PKLR2400, for this product as well as the FCC Notice above.

RF EXPOSURE



WARNING: For the purpose of FCC RF Exposure Compliance, the Original Equipment Manufacturer (OEM) must ensure that Antennas 2, 3, 4, 6 and 7 in the previous table are professionally installed and that a minimum of 20cm spacing between the user and antenna is required. The OEM is required to sign the by signing the PROFESSIONAL ANTENNA INSTALLATION AGREEMENT.

