

FROM:
RETLIF TESTING LABORATORIES,
GOFFSTOWN, NH

Friday, December 04, 1998

J.MONAHAN

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TO: FCC APPLICATIONS PROCESSING BRANCH.

ATTENTION: J. Dichoso

REFERENCE: INFORMATION REQUEST

731 CONFIM NUMBER: EA92165 APPLICANT ORTHOVox

FCC ID: KF5ORTHOVOXM1

CORRESP. NUMBER: 4798

1. A request for confidentiality was filed with the application.
2. The schematic and block were under separate cover, with a cover letter, and were included in the same package as the Application. Copies of both items are on file at RETLIF test lab and can be sent to you. I am not sure that the confidentiality is maintained if the items are sent by FAX. They can be mailed.

3. The transmitter operating cycle is longer than 0.1 sec. There is no factor to add to the Peak readings of the fundamental.

4. The RBW and VBW were maintained at the levels and with the reference required.

**ADDITIONAL INFORMATION FOR ITEMS 3 & 4
IS ON PAGE : FOLLOWING**

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ADDITIONAL INFORMATION FOR ITEMS 3 & 4

3. The transmitter operation cycle was more than 0.1 msec therefore per 15.35 c) the field strength from the average absolute voltage during a 0.1 msec interval where the emission signal is maximized is taken using the average detector function without any pulse factor.
4. The transmitter fundamental frequency of 457 kHz and the requirements of 15.33 require measurements at frequencies which are all below 30MHz. The RBW requirement for emission measurements on frequencies up to 30 MHz is for a RBW of 10kHz or lower. The VBW is required to be no lower than the the RBW regardless of the frequency.

For testing of the transmitter the following were used;

DETECTOR	RBW	VBW	FREQ. kHz
peak	9kHz	30kHz	457
q-peak	9kHz	30kHz	457
avg	9kHz	10kHz	457

Please contact Retlif Testing Laboratories @

phone 603-497-4600

fax 603-497-5281

RETLIR TESTING LABORATORIES
TABULAR DATA SHEET

TEST METHOD:	RADIATED FIELD STRENGTH		
CUSTOMER:	ORTHOVOX U.S.A. INC.	JOB No.:	R-2383N
TEST SAMPLE:	TRANSCOMM		
MODEL No.:	AVALANCHE		
TEST SPECIFICATION:	FCC RULES SECTION 15.209		
OPERATING MODE:	NORMAL OPERATION - CONSTANT TRANSMIT		
TECHNICIAN:	T. Hurneman	DATE:	8/28/98
NOTES:	EUT EVALUATED AT 1M AND FINAL TEST PERFORMED AT 3M. EUT EMISSION LEVELS CONVERTED TO 300M READINGS		

NOTE:

The corrected reading is the combination of the meter reading plus the antenna factor plus 40 dB/decade distance factor.