Electronics Inc

October 14, 2003

To: Timothy Johnson
American Telecommunications Certification Body Inc.

From : Leon Kogan
JMR Electronics Inc.

Applicant : Listen Technologies Corporation
FCC ID: OMDMSF0001

Dear Mr. Johnson:

Below you will find the information that was requested in your letter on September 11, 2003. All items concur with the numbered questions in your letter.

1) FRN Number for Listen Technologies Corporation is: 0009694597
2) Internal photographs , as you suggested, are uploaded independently to ATCB website.
3) The label and photo showing label location are uploaded.
4) Test configuration photographs , as requested by FCC, are uploaded independently to ATCB website
5) Both receivers, 72 MHz and 216 MHz, had been tested per Part 15 Verification requirements. Please see pages 47-50 (sections 8.3 and 8.4).of the Test Report.
6) ) The complete transmitter circuit operates from a regulated 3.3 VDC source. There are three stages of the transmitter; VCO, buffer and final amplifier. The final amplifier operates in a saturated mode at 8 milliamps collector current. RF power fed to the loop antenna is 0 dBm.
7) The test procedure measures radiated power and verifies it to be within minimum and maximum limits.
8,10) This is a typo. DRG Horn Antenna was calibrated by Liberty Lab on 10/18/2002. Certificate Number: 2002101718.
9) The measurements are corrected, as you suggested. Please see revised Test Report.
11) When the AUX IN input is used, RF output power is increased 6 dB. All tests were performed with a connection to AUX IN resulting in the high power mode.
12) Maximum transmission range in the low power mode is less than 10 feet and is typically used at a range of 3 feet. Microfield transmits to a hearing aid that has an internal 216 MHz receiver. When the AUX IN is connected the range is 20 feet maximum. In this case the Microfield unit may be placed next to a television and the user is across the room.

13) Output power is constant regardless of audio or RF input level. Received RF signals are demodulated
to recover the audio signal. FM transmission produces no RF output power change with varying modulation level. Microfield is not a transponder. It is similar to a repeater.
14) The plots generated by Microsoft Excel are removed from the Test Report.
16) Occupied bandwidth measurements were identical to those used in a previous application as requested by FCC. Bessel functions are the standard practice used for accurate FM deviation measurements. Reference: Agilent(HP) Application Note 150-1.
15,18,19) Modulation levels are identical for all channels. The Phonak receiver can accept a maximum of +/- 8 kHz peak deviation. The modulation limiting threshold is set to meet this requirement.
17) The deviation was corrected to 8.016 kHz, as measured with 4 kHz sinewave. Please see page 34 of the Report. Designation of emission is changed appropriately: 24K0F3E (see revised page 58 of the Report).
20) This is re-calculated spurious emissions limit at EUT, not at a distance of 3 meters.
21,22) The page 35 of the User's Manual is deleted.

I hope these answers are sufficient. If there are any further questions, please feel free to email me or call me back .

Sincerely,

Leon Kogan
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