To : Frank Coperich
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FCC Application Processing Branch

From : Leon Kogan, JMR Electronics Inc.
Applicant : Listen Technologies Corporation
Re: FCC ID OMD800-216
Correspondence Reference Number : 13409
731 Confirmation Number : EA96002

Dear Mr. Coperich,

The unit LT800 was modified to meet requirements of Sections 95.635(c)(1)(i) and (2)(i) of the Commission's R&R. The modifications to the Listen LT-800 change the audio frequency response from a boosted high frequency response to a flat response. In other words, the audio pre-emphasis has been deleted. All modulating frequencies within the frequency response range will produce an equal level of FM deviation for a given audio input level. The pre-emphasis circuit produces an increasing deviation with increasing audio frequency. Pre-emphasis begins at 2 kHz.

1. We performed the following measurements using HP85462A Spectrum Analyzer with RBW = 300 Hz for 1K Standard channel and 2K Extra band channel. With the Modulation amplitude equal 100 mV the Modulation frequency had been adjusted to reach the First Carrier null.

1.1. Channel 1K.

The Frequency modulation that has been measured is Fmod = 1.44 kHz.

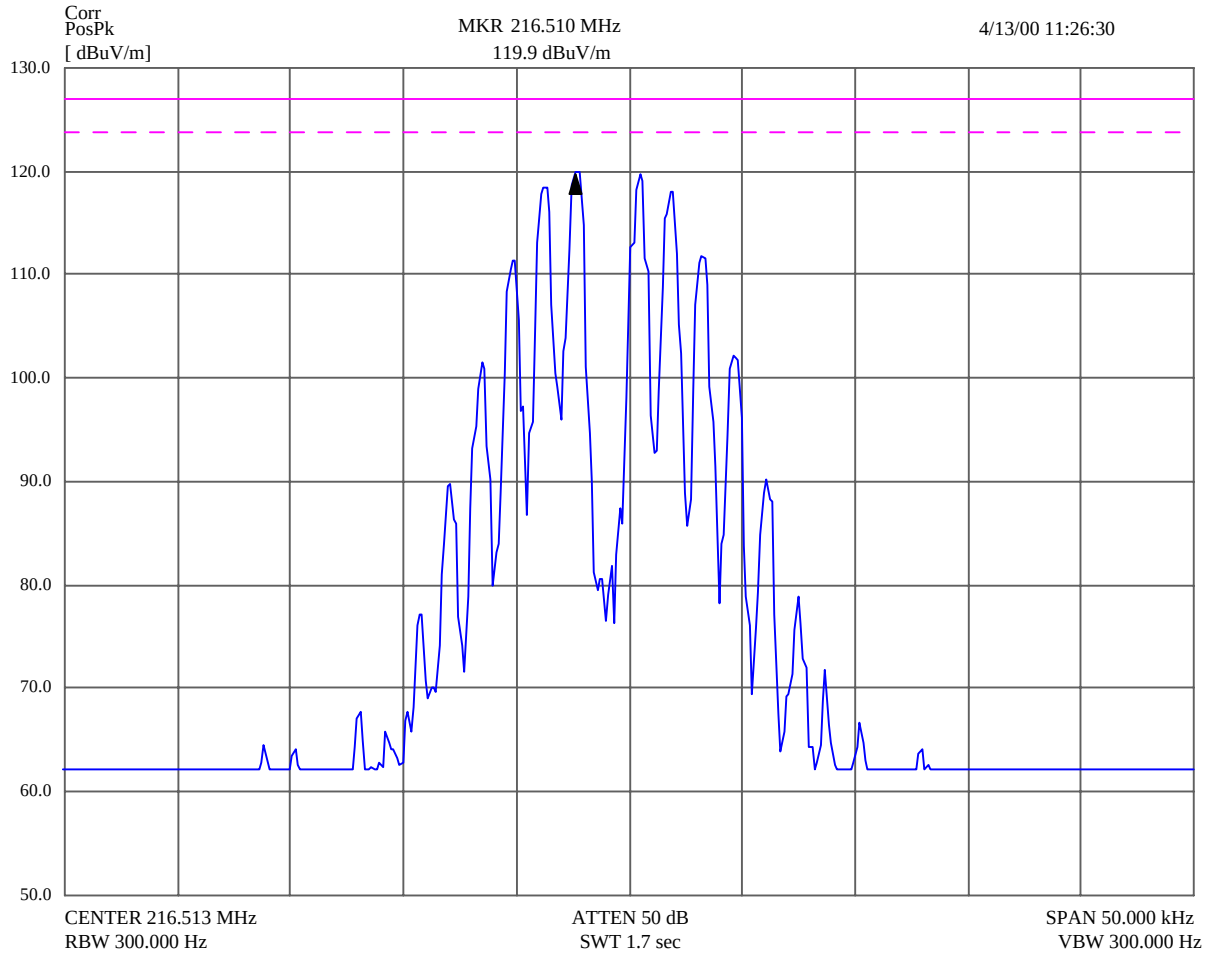
Emission values of the unwanted frequencies

Frequency MHz	Peak dBuV/m	Peak Lmt dBuV/m	DelLim-Pk dB	Status	Comment
216.502470	67.83	97	-29.17	PASS	-(12.5…22.5) kHz
216.522752	66.51	97	-30.49	PASS	+(12.5…22.5) kHz

Emission value of the unmodulated frequency carrier

Frequency MHz	Peak dBuV/m	Peak Lmt dBuV/m	DelLim-Pk dB	Status	Comment
216.512624	125.79	127	-1.21	PASS	Fcarrier

Below is the spectrum of FM signal at 216.5125 MHz with the First Carrier null.



1.2.Channel 2K.

The Frequency modulation that has been measured is Fmod = 2.13 kHz.

Emission values of the unwanted frequencies

Frequency MHz	Peak dBuV/m	Peak Lmt dBuV/m	DelLim-Pk dB	Status	Comment
216.511104	65.23	97	-31.77	PASS	-(25…35) kHz
216.538880	65.30	97	-31.70	PASS	+(25…35) kHz

Emission value of the unmodulated frequency carrier

Frequency MHz	Peak dBuV/m	Peak Lmt dBuV/m	DelLim-Pk dB	Status	Comment
216.524992	125.79	127	-1.21	PASS	Fcarrier

Below is the spectrum of FM signal at 216.525 MHz with the First Carrier null.