



MOTOROLA

Date: June 7, 2004

Subject: Request for additional information regarding FCC ID: IHDT5EL1 (Portable AMPS/TDMA Cellular Transceiver)

Reference:

Application Received:	5/5/2004
Correspondence Reference Number:	240607A.IHD
Confirmation Number:	TC4159
Date of Original Email:	06/07/04

Prepared by:

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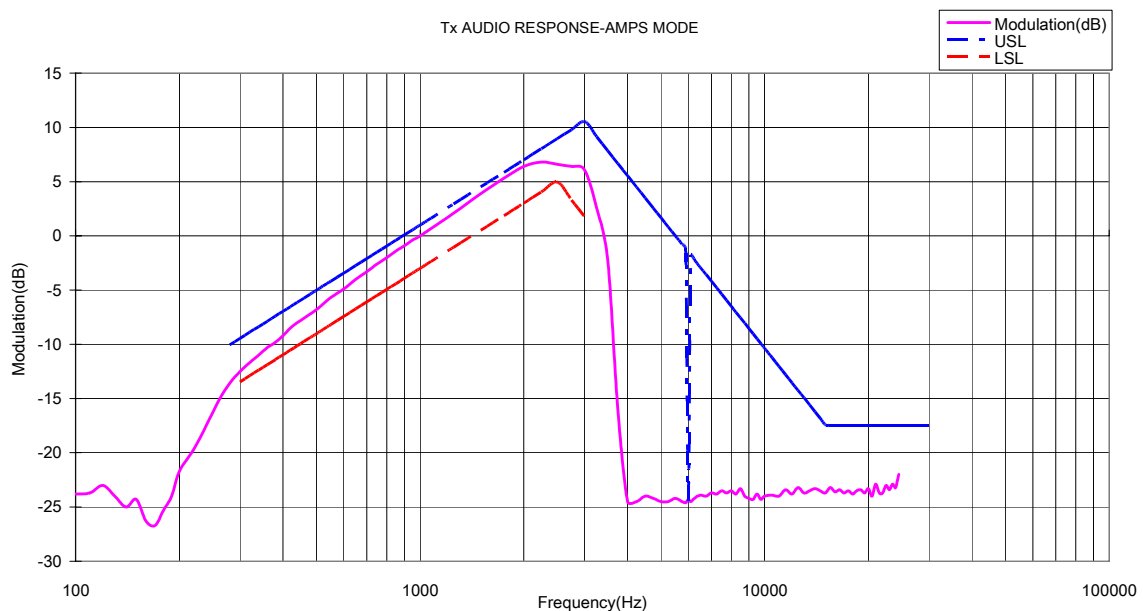
Questions and responses follow:

In regards to your recent TCB application referenced above, we kindly request that you provide the following additional information.

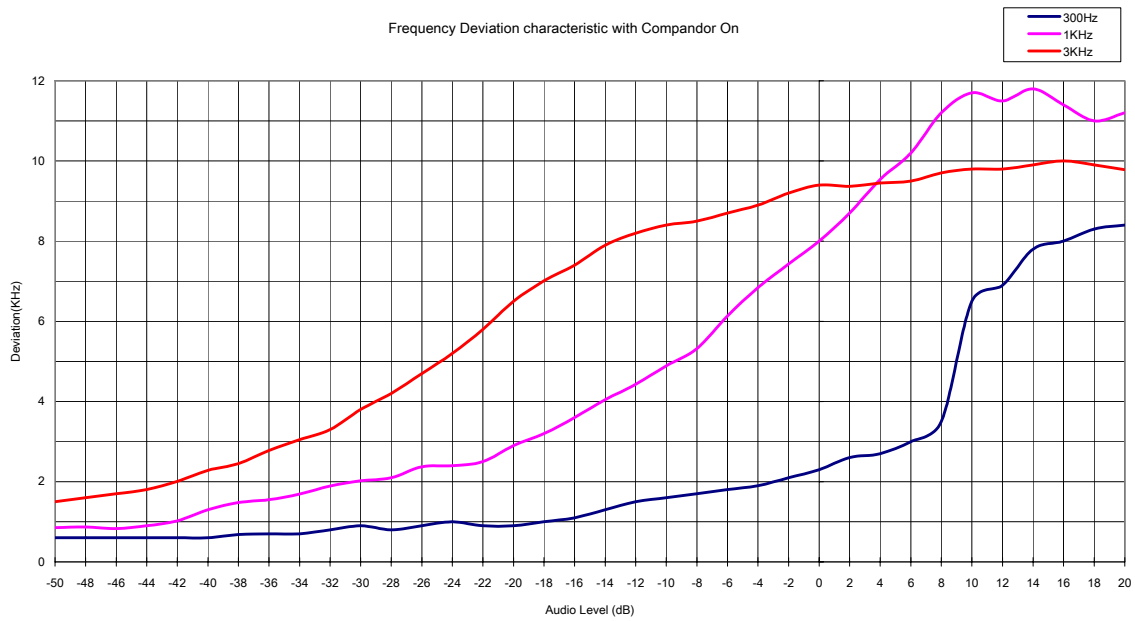
1. Please provide the modulation characteristics plots for AMPS operation required by Section 2.1047.

Response: Please refer to the following plots:

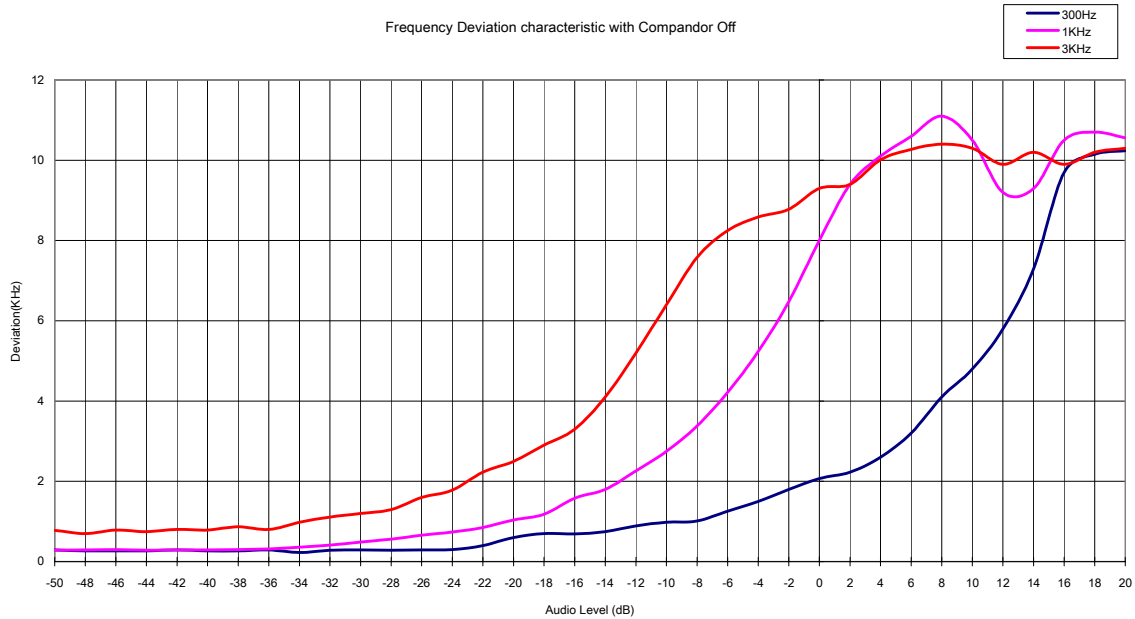
Tx Audio Response – AMPS Mode



Frequency Deviation with Compander On



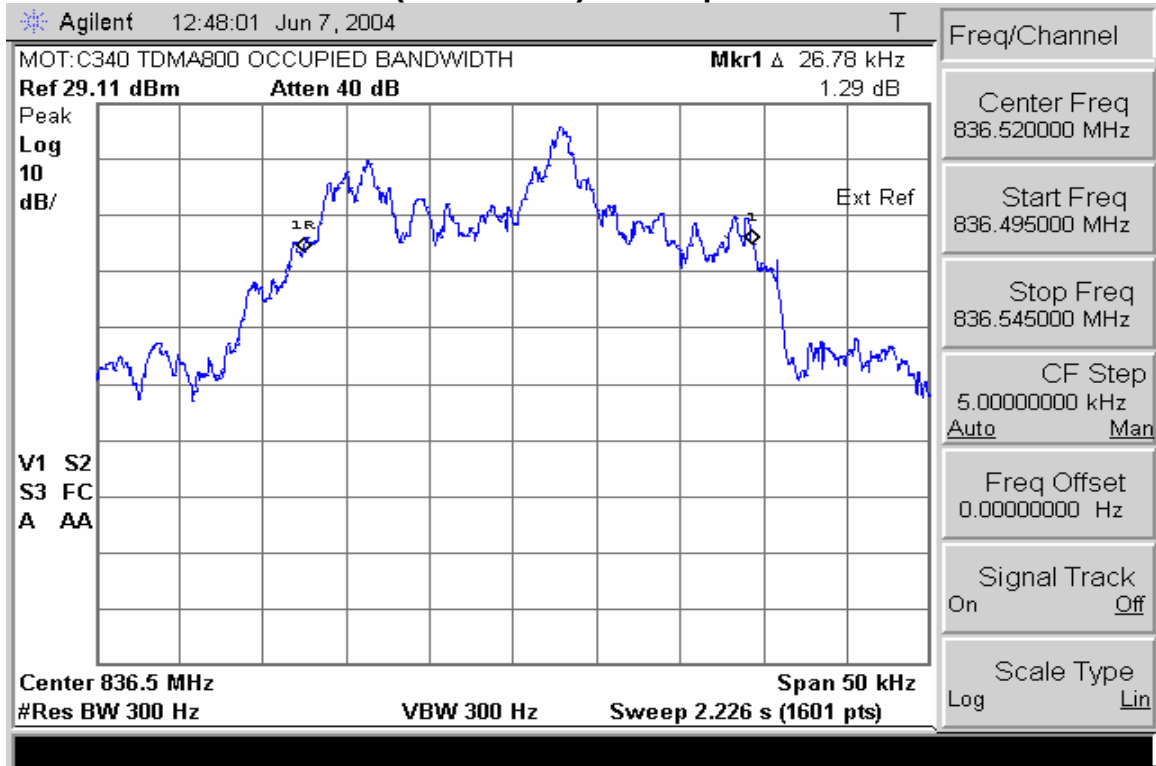
Frequency Deviation with Compander Off



2. Please provide an occupied bandwidth plot for TDMA operation (used to determine the emission designator).

Response: Please refer to the following plot:

TDMA 800 – Channel 384 (836.52 MHz) – Occupied Bandwidth



3. Several items in the EMC report are listed as being past their cal due date. Please address.

Response:. The updated (corrected) equipment list follows:

ETS	DRG Horn Antenna	3115	6222	9/29/2004
A.H. Systems Inc.	DRG Horn Antenna	SAS-2--/571	365	12/17/2004
ETS	Log-Periodic Antenna	3148	1188	3/5/2005
ETS	Biconical Antenna	3110B	3370	11/14/2004
Attenuator	Weinschel	AS-6	6675	10/14/2004
Attenuator	Weinschel	AS-6	6677	11/4/2004
Rohde & Schwarz	Mobile Test Set	CMD 80	DE29008	N/A
Hewlett-Packard	Signal Generator	83623B	3844A01195	6/20/2004
Thermotron	Environmental Chamber	S-4	31580	1/5/2005
Hewlett-Packard	Pre-Amplifier	8347A	3307A02001	11/4/2004
Agilent	Power Meter	EE4418B	GB40206388	12/5/2004
Agilent	Power Sensor	E4412B	US38486321	11/23/2004
Hewlett-Packard	Pre-Amplifier	8447F	2805A03419	5/19/2005

4. Two places in the application list "CDMA" instead of "TDMA" - p.18 of the EMC report, and Exhibit 2C (911 calls). Please confirm that these are typos.

Response: Page 18 of the EMC test report should indicate "TDMA" and not "CDMA". A replacement exhibit 2C is submitted for E911 compliance.