



MOTOROLA

FCC ID: AZ489FT4863

Test Report

<u>MEASUREMENT</u>	<u>EXHIBIT</u>	<u>NUMBER OF PAGES</u>
1 RF Power Output	6A	1
2 Audio Response A. 1Watt 12.5kHz	6B	1
3 Modulation Limiting A. 1Watt 12.5KHz	6C	1
4 Occupied Bandwidth	6D 1-2	3
5 Frequency Stability		2
A. Temperature	6E	
B. Frequency vs. Voltage	6F	
C. Transient Frequency Behavior	6G-6H	2

EXHIBIT 6



MOTOROLA

FCC ID: AZ489FT4863

RF POWER OUTPUT DATA

The RF power output was measured according to the TIA/EIA-603-A Radiated power out methods of Measurement for Transmitters.

Conducted Power out	Watts
	1.1 Watts
ERP measured by Intertek	

EXHIBIT 6A



MOTOROLA

FCC ID: AZ489FT4863

AUDIO RESPONSE

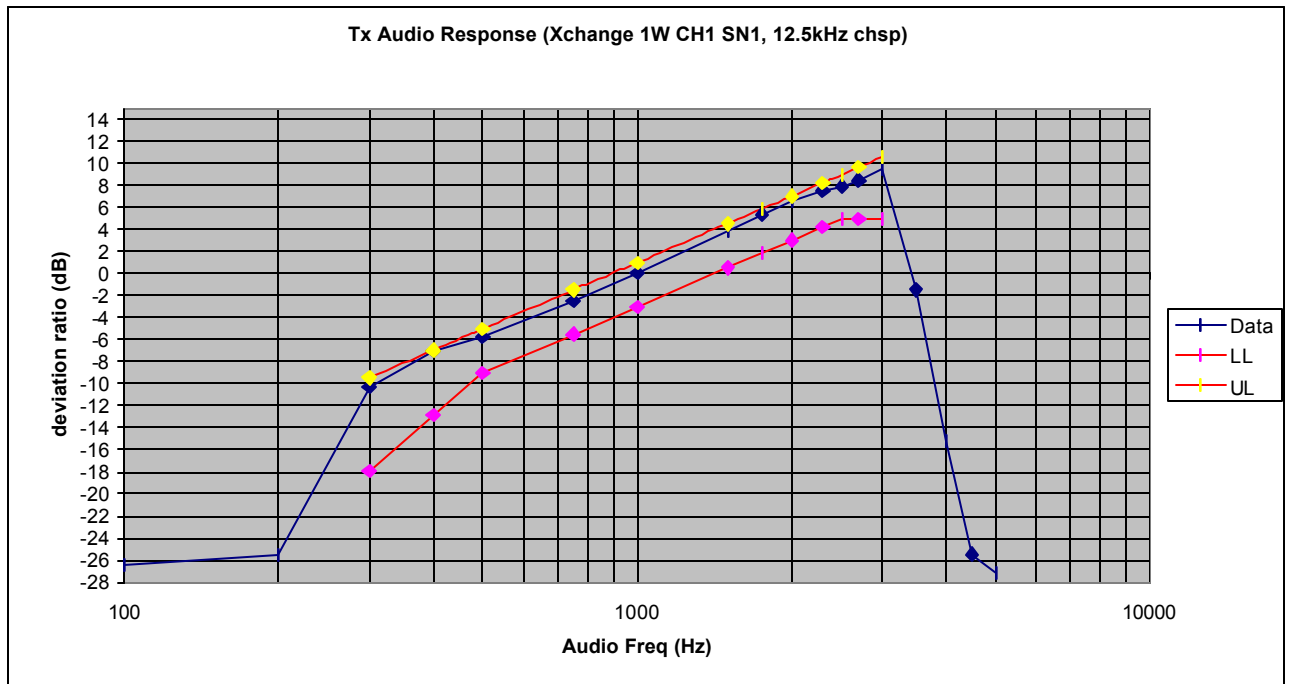


EXHIBIT 6B



MOTOROLA

FCC ID: AZ489FT4863

MODULATION LIMITING

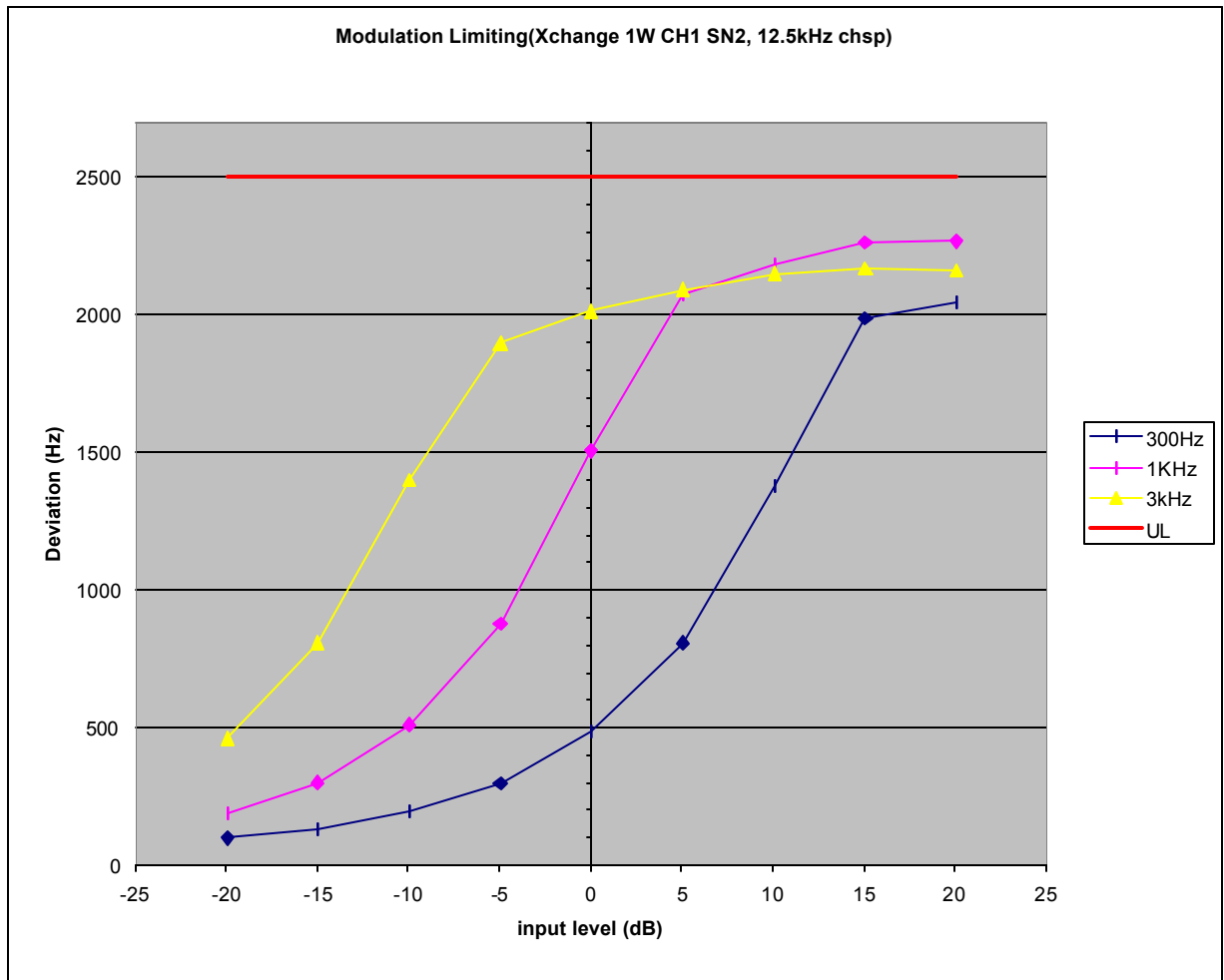


EXHIBIT 6C



MOTOROLA

FCC ID: AZ489FT4863

OCCUPIED BANDWIDTH DATA

12.5kHz / 25kHz Channel Spacing

EXHIBIT 6D-1

2500 Hz Audio Modulation

Emission Type: 11K0F3E

Specification Mask D, 90.210 – 12.5kHz

EXHIBIT 6D-2

2500 Hz & 77Hz Tone "PL" Modulation

Emission Type: 11K0F3E

Specification Mask D, 90.210 – 12.5kHz

CARSON'S RULE: **11K0F3E**

BW= 2(M+D)

BW=2(3kHz maximum modulation frequency +2.5kHz deviation)

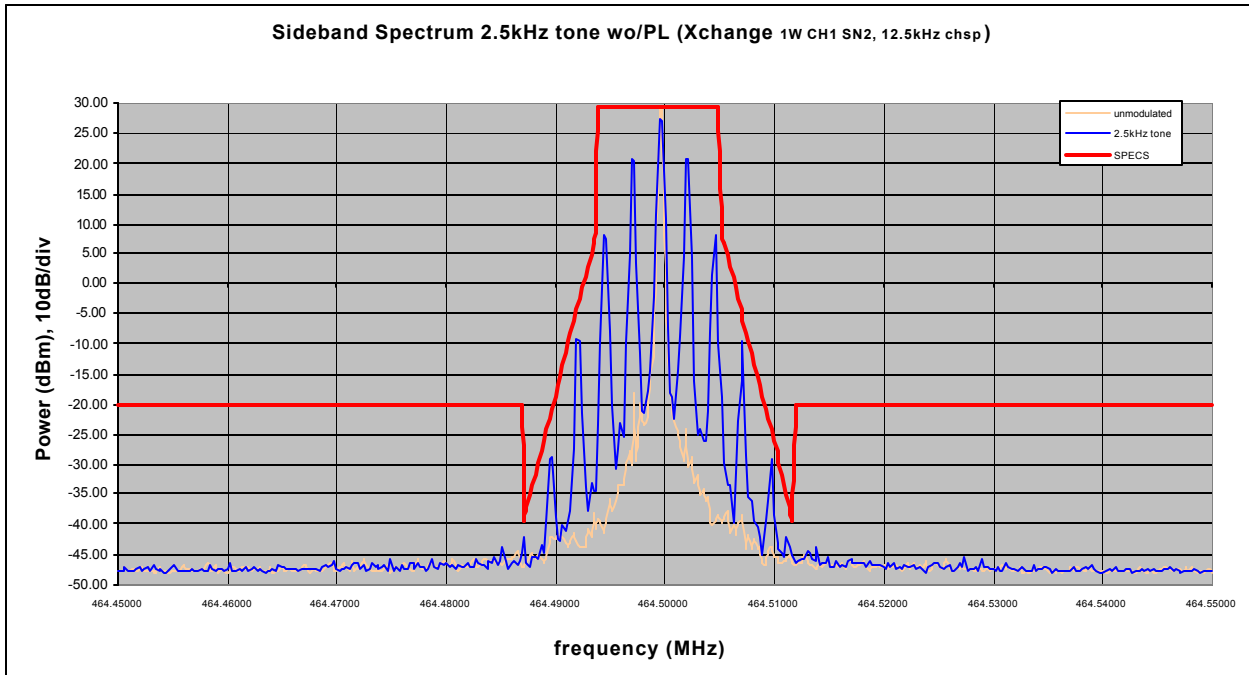
EXHIBIT 6D



MOTOROLA

FCC ID: AZ489FT4863

OCCUPIED BANDWIDTH



11K0F3E
MASK D

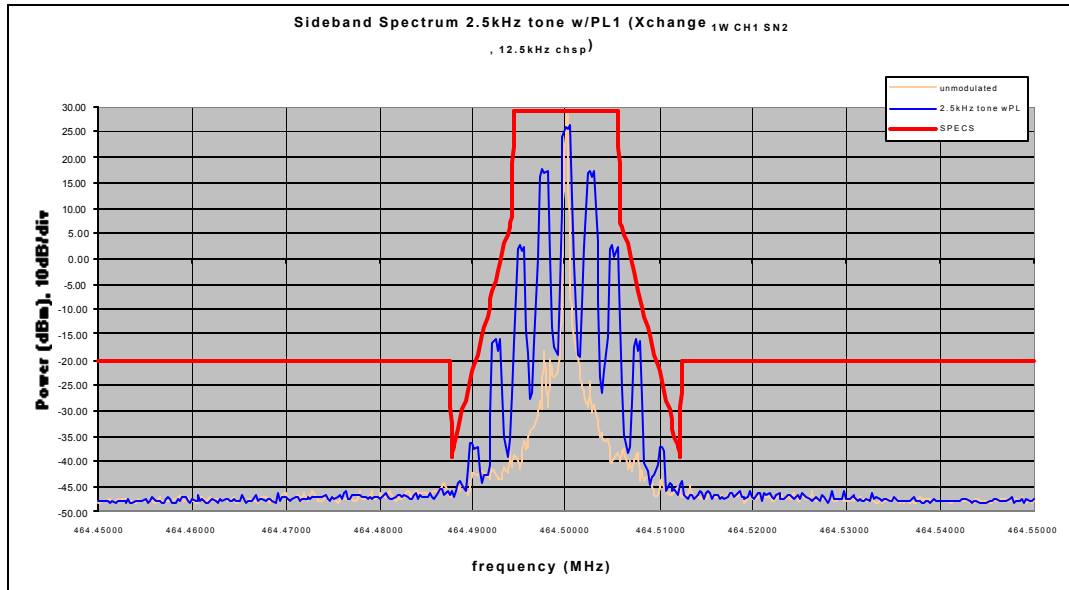
EXHIBIT6D-1



MOTOROLA

FCC ID: AZ489FT4863

OCCUPIED BANDWIDTH



11K0F3E
MASK D

EXHIBIT 6D-2



MOTOROLA

FCC ID: AZ489FT4863

Frequency Stability over Temperature

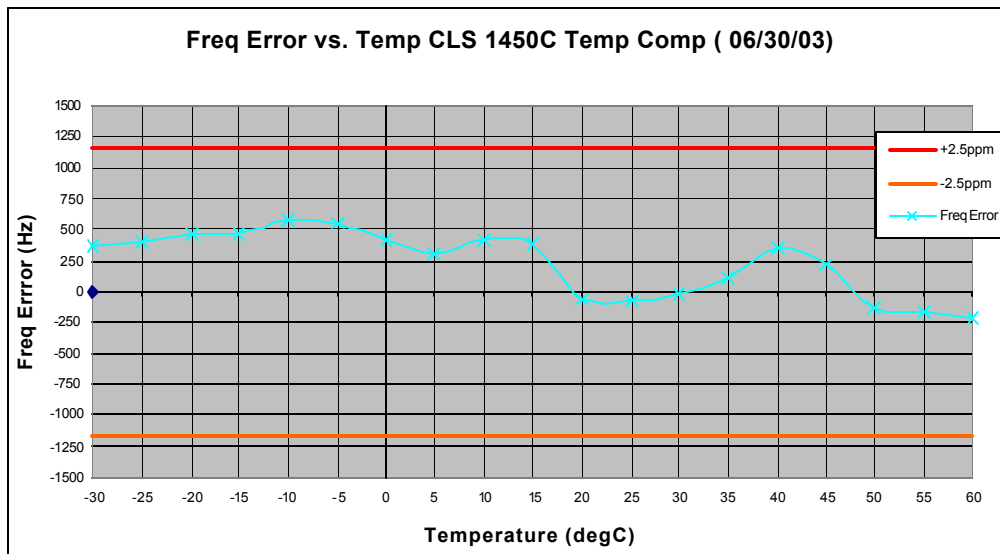


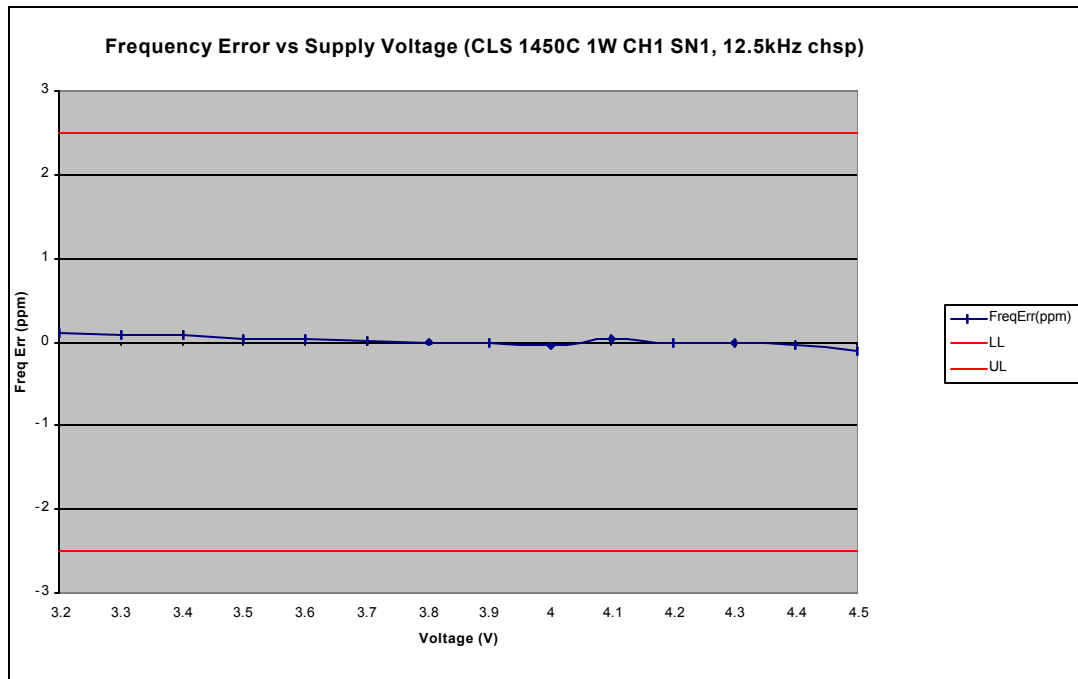
EXHIBIT 6E



MOTOROLA

FCC ID: AZ489FT4863

Frequency error vs. Voltage



Radio reset voltage = 3.1vdc

EXHIBIT 6F

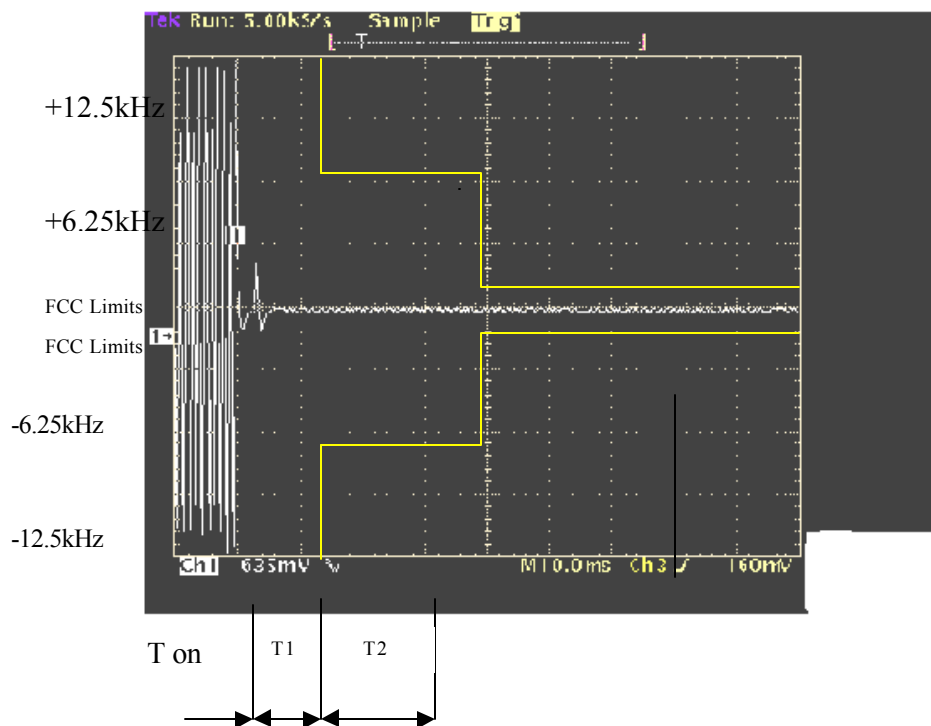


MOTOROLA

FCC ID: AZ489FT4863

Transient Frequency response TX on 12.5 kHz

CLS1450c TX On 12.5kHz





MOTOROLA

FCC ID: AZ489FT4863

EXHIBIT 6G

Transient Frequency response TX off 12.5 kHz

CLS1450C TX OFF 12.5kHz

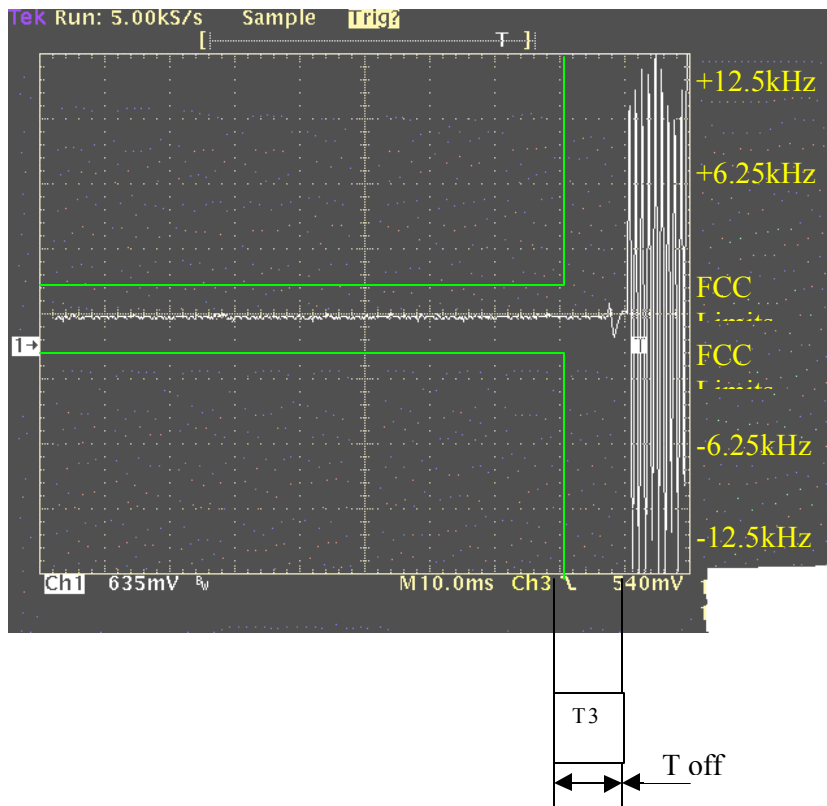


EXHIBIT 6H