

BZ5TTS250MV  
Application for FCC Certification  
Modulator Input  
250 Watt VHF Translator

#### AUDIO FREQUENCY RESPONSE

Tabulated below, are the frequency response measurements for various percentages of modulation in accordance with Part 73.1570(b)(3). The tabulated data, below, is in graphed form on the following pages.

AUDIO FREQUENCY RESPONSE		
REFERENCE 50Hz AT 0dB INTO 600 OHMS		
FREQUENCY(Hz)	MODULATION	
	50%	100%
50	-1.53	-1.50
100	-1.55	-1.52
400	-1.62	-1.60
1000	-0.73	-0.70
5000	+6.98	+6.90
10000	+12.44	+12.35
15000	+15.76	+15.61

Tabulated below, are the harmonic distortion measurements.

AUDIO HARMONIC DISTORTION LEVEL (%)		
FREQUENCY(Hz)	MODULATION	
	50%	100%
50	0.153	0.156
100	0.155	0.152
400	0.143	0.140
1000	0.122	0.110
5000	0.155	0.149
10000	0.254	0.253
15000	0.342	0.337

The output noise level (FM measured as prescribed in the band of 50 to 15000Hz) was 71dB below the level representing  $\pm 25$ kHz frequency swing.

The system noise output (AM) in the same band was 65dB below the level representing 100% amplitude modulation.

EXHIBIT \_\_\_\_\_

MODEL NUMBER:

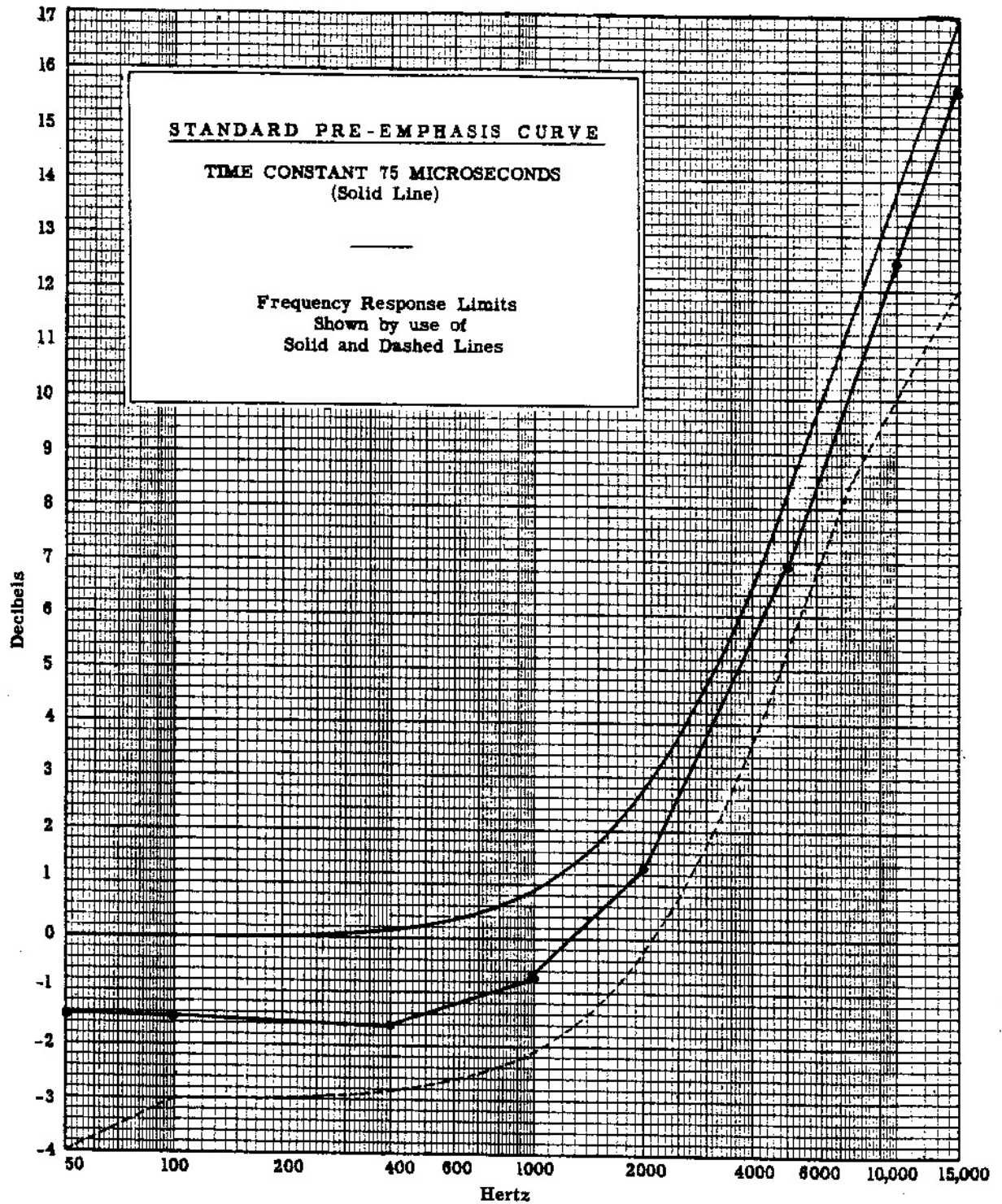
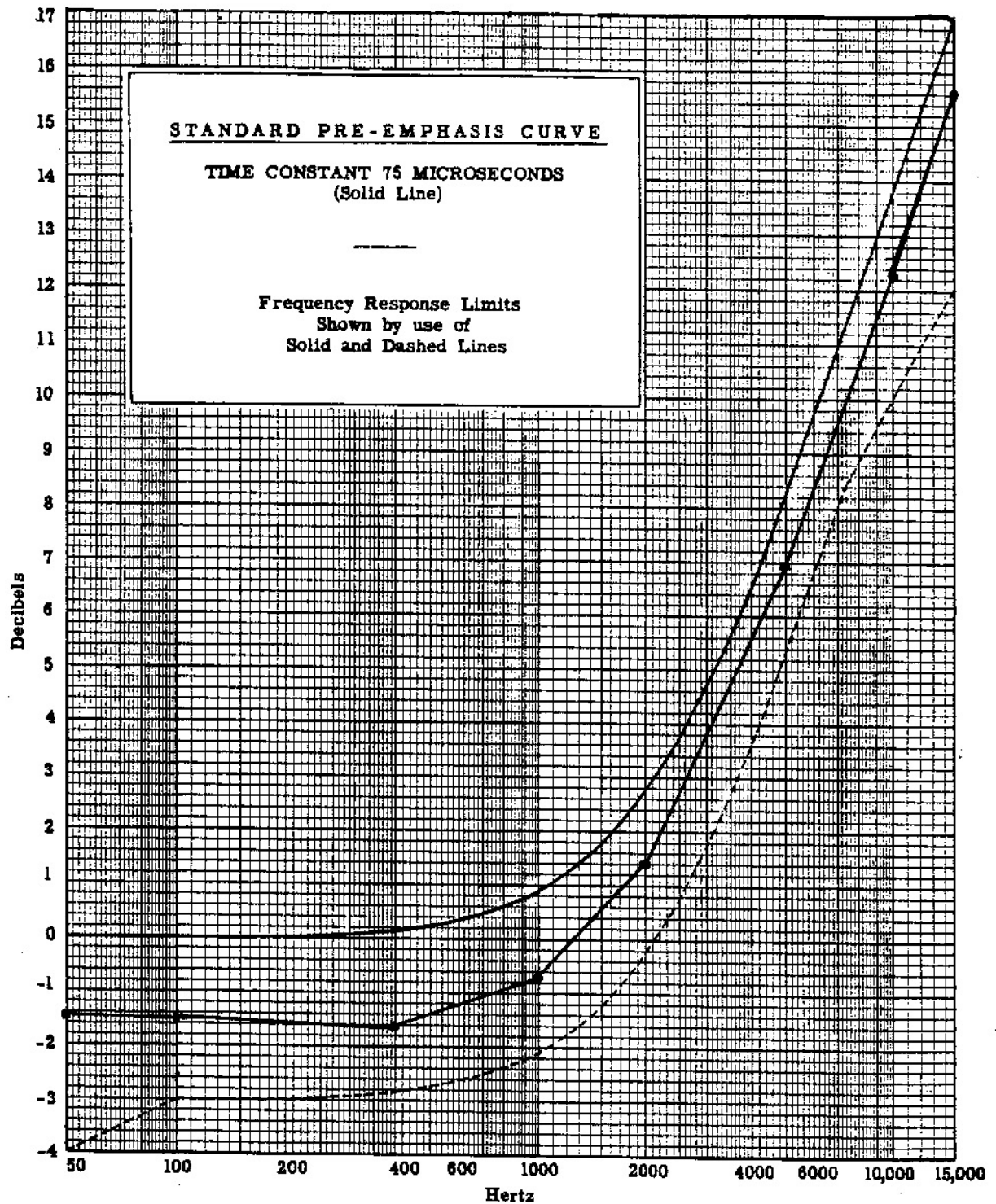
BZ5TTS250MVAUDIO FREQUENCY RESPONSE 50% MODULATIONReference 50 Hz; 0dB = 0 dB

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BZ5TTS250MVAUDIO FREQUENCY RESPONSE 100% MODULATIONReference 50 Hz; 0dB = 0 dB