

BZ5MXI401U
Application for Certification
Modulator Input
500 Watt UHF Translator

Audio Frequency Response

Tabulated below are the audio frequency response measurements and distortion characteristics.

Frequency	Amplitude (dB)	Distortion (%)
50	+0.1	0.25
100	-0.1	0.1
400	0.0	0.07
1000	+0.5	0.01
2000	2.5	0.01
5000	8.8	0.05
10000	14.3	0.05
15000	17.23	0.1

The frequency response data is graphed on the following page. One can see that it follows the 75 μ S pre-emphasis characteristics.

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