

BZ5MX30V
 Application for FCC Certification
 Modulator Input
 30 Watt VHF Translator

OVERALL ATTENUATION CHARACTERISTIC

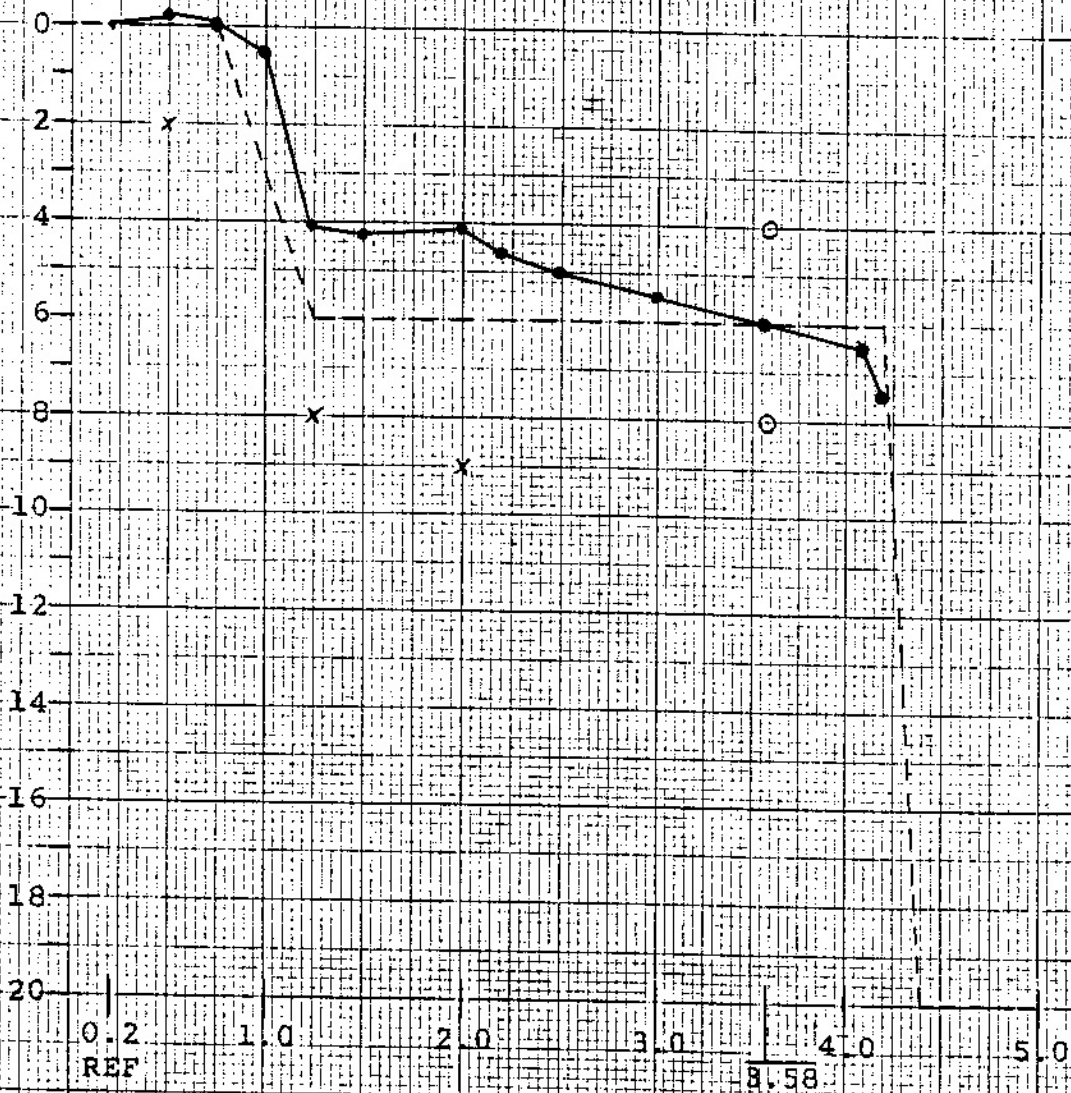
MODULATING FREQUENCY (MHz)	DETECTED OUTPUT (dB)	FCC LIMIT RELATIVE TO 0.2 MHz	FCC LIMIT RELATIVE TO 3.58 MHz
0.2	0 REF	_____	_____
0.5	0.0	< -2	_____
0.75	0.0	_____	_____
1.0	-0.5	_____	_____
1.25	-4.0	< -8	_____
1.5	-4.2	_____	_____
2.0	-4.1	< -9	_____
2.1	-4.5	_____	< ± 2
2.5	-5.0	_____	< ± 2
3.0	-5.5	_____	< ± 2
3.58	-6.0	-6 ± 2	REF
4.1	-6.8	_____	< ± 2
4.18	-7.5	_____	< -4

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MODEL NUMBER: BZ5MX30V

REF

dB BELOW REFERENCE



MODULATING FREQUENCY

MHz

- 1) Dashed Line - Assumed Ideal Detector Output
- 2) x - Lower Limit Indicated Frequency
- 3) o = ± 2 dB Limit of 3.58 MHz Relative to 200kHz
- 4) Frequency Between 2.1 & 4.1 MHz Shall Not Vary More Than ± 2 dB Relative 3.58MHz
- 5) 4.18MHz Must Be Less Than 4dB Below 3.58MHz