

Multitone IMD Monograph

This nomograph is valid for non push-pull Class A amplifiers only.

Example:

IP = +60 dBm and we have:

1 ea. 1 W Carrier

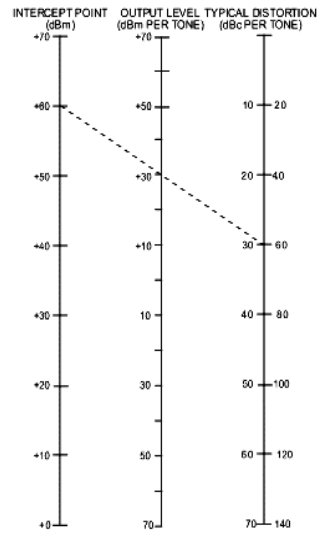
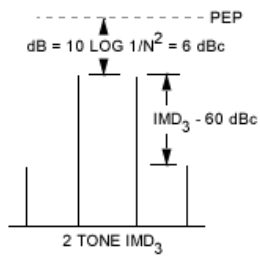
Or 2 ea. 0.25 W Carriers

Or 3 ea. 0.11 W Carriers

etc. = 1 W PEP (+30 dBm PEP)

IMD2 = 30 dBc

IMD3 = 60 dBc



Note: Push-Pull Class A amplifiers have a better IMD2.