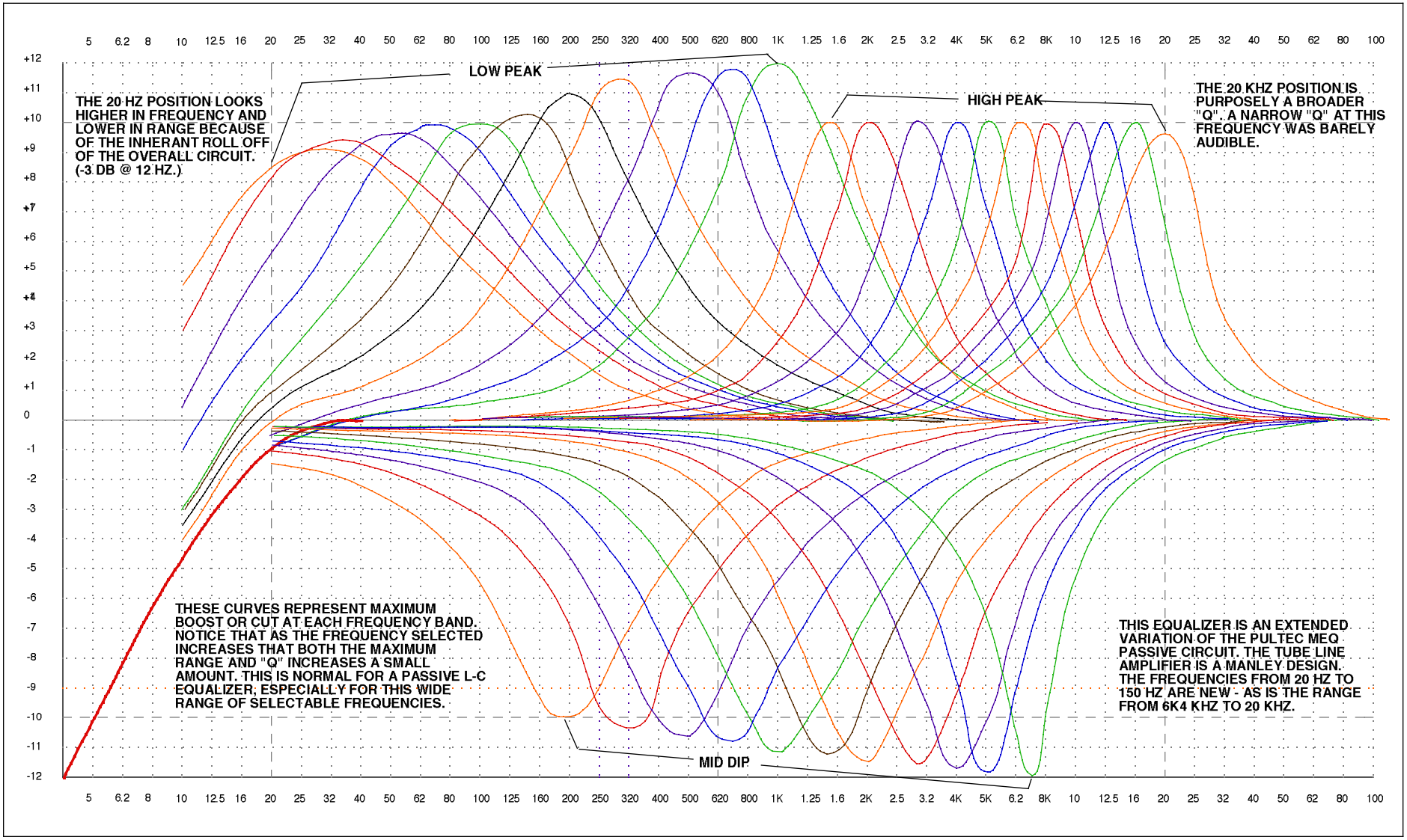
LOW PEAK
HIGH PEAK
MID DIP
THE 20 HZ POSITION LOOKS HIGHER IN FREQUENCY AND LOWER IN RANGE BECAUSE OF THE INHERANT ROLL OFF OF THE OVERALL CIRCUIT. (-3 DB @ 12 HZ.)
THE 20 KHZ POSITION IS PURPOSELY A BROADER "Q". A NARROW "Q" AT THIS FREQUENCY WAS BARELY AUDIBLE.
THESE CURVES REPRESENT MAXIMUM BOOST OR CUT AT EACH FREQUENCY BAND. NOTICE THAT AS THE FREQUENCY SELECTED INCREASES THAT BOTH THE MAXIMUM RANGE AND "Q" INCREASES A SMALL AMOUNT. THIS IS NORMAL FOR A PASSIVE L-C EQUALIZER, ESPECIALLY FOR THIS WIDE RANGE OF SELECTABLE FREQUENCIES.
THIS EQUALIZER IS AN EXTENDED VARIATION OF THE PULTEC MEQ PASSIVE CIRCUIT. THE TUBE LINE AMPLIFIER IS A MANLEY DESIGN. THE FREQUENCIES FROM 20 HZ TO 150 HZ ARE NEW - AS IS THE RANGE FROM 6K4 KHZ TO 20 KHZ.
+12 +11 +10 +9 +8 +7 +6 +5 +4 +3 +2 +1 0 -1 -2 -3 -4 -5 -6 -7 -8 -9 -10 -11 -12
5 6.2 8 10 12.5 16 20 25 32 40 50 62 80 100 125 160 200 250 320 400 500 620 800 1K 1.25 1.6 2K 2.5 3.2 4K 5K 6.2 8K 10 12.5 16 20 25 32 40 50 62 80 100