



Spectrum Analyzer In Max Hold for Trace A (Blue) showing unmodulated condition. Trace B (Red) showing modulated with a swept frequency held at 1.4 VP-P

Deviation frequency = 794.65 kHz
 Giving a Bessel modulation of 2.4
 From
 J1 = -5.76 dB
 J2 = -7.2 dB
 J3 = -13.7 dB
 J4 = -23.2 dB

$794.65 \text{ kHz} \times 2.4 = 1907.16 \text{ kHz}$ deviation.

M = 794.65 kHz
 D = 1907.16 kHz

$2M + 2DK = 5.4 \text{ MHz}$

Designator 5M40F8W