



MR Write/Read Channel

Write Channel

Write Frequency

Programmable Frequency Synthesizer

Range: 13 - 100 MHz in 1 MHz steps

Write Current

Programmable

MR 14 to 45 mA in 1 mA steps

Inductive 3 to 35 mA in .125 mA steps

Read Channel

Frequency Response

MR 650k to 90 MHz, 1db flat, -3db @ 150 Mhz

Inductive 500k to 40 MHz, 1db flat, -3db @ 85 MHz

Filter

7 pole, Butterworth, passive, plug in bandpass filter with the following configurations:

500k to 100 MHz

500k to 80 MHz

500k to 60 MHz

500k to 30 MHz

Peak Detector (TAA)

500 k to 100 MHz, 1db flat

Read Bias Current

Programmable from 5.5 to 15.85 mA in 0.35 mA steps

Thermal Asperity Detection (optional)

16 program selectable threshold values from 50 to 850 mv

Readback signal scope output

50 ohms impedance

Sequencing

Software selectable

Erase for one revolution, write for one revolution, read for one or more revolutions

- or - write for one revolution, read for one or more revolutions.