

TRIPLE BALANCED MIXER

MODEL CHP-305

WIDE BANDWIDTH

10-2500 MHz

SPECIFICATIONS:

Operating Frequency:

LO / RF: 10 - 2500 MHz
IF: 10 - 1000 MHz

Isolation (dB): (Typ/Min)

	LO/RF	LO/IF
10 - 100 MHz	55 / 35	35/20
100 - 1250 MHz	45 / 30	30/20
1250 - 2500 MHz	35 / 25	27/20

Conversion Loss (dB): (Typ/Max)

20 - 1250 MHz	7.0 / 8.0
10 - 2500 MHz	7.5 / 8.5

LO Drive:

+23 dBm(Nom)

Input IP3:

+30 dBm (Typ)

1 dB Compression Point:

+20 dBm (Typ)

Impedance:

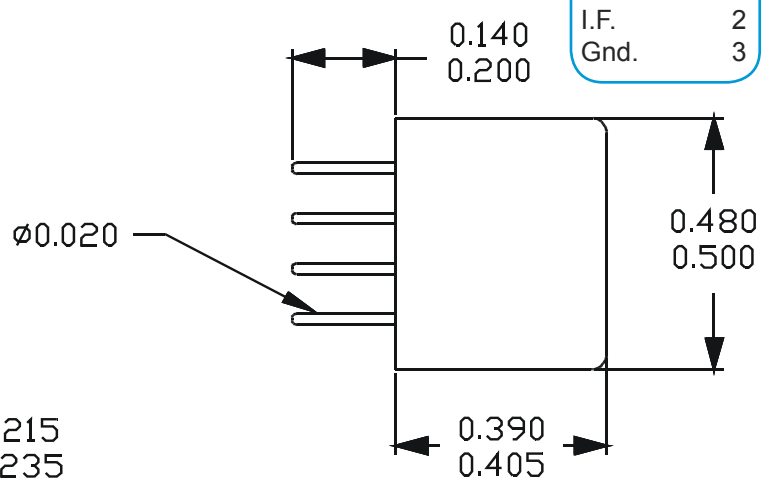
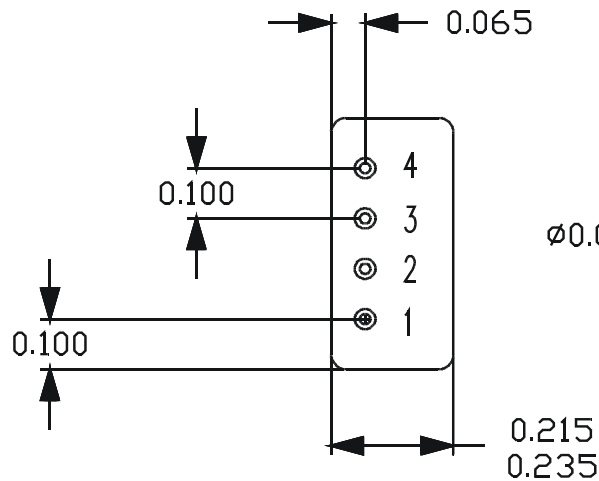
50 Ohms (Nom)

Operating Temperature Range:

-55°C to +100°C



MECHANICAL OUTLINE: 105



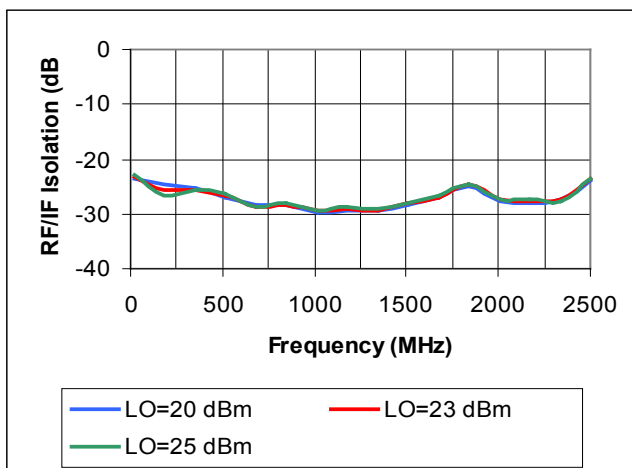
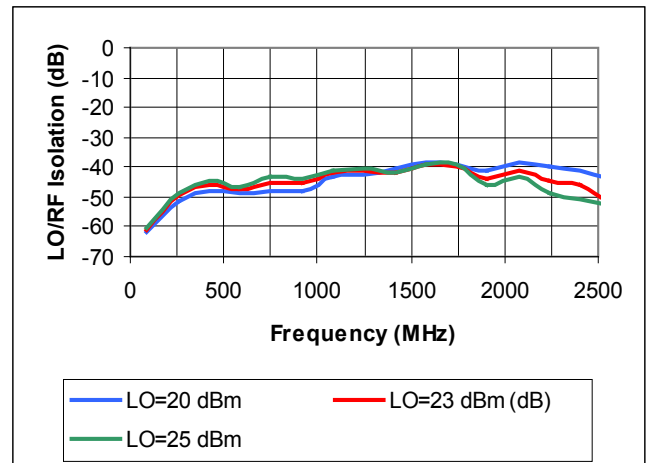
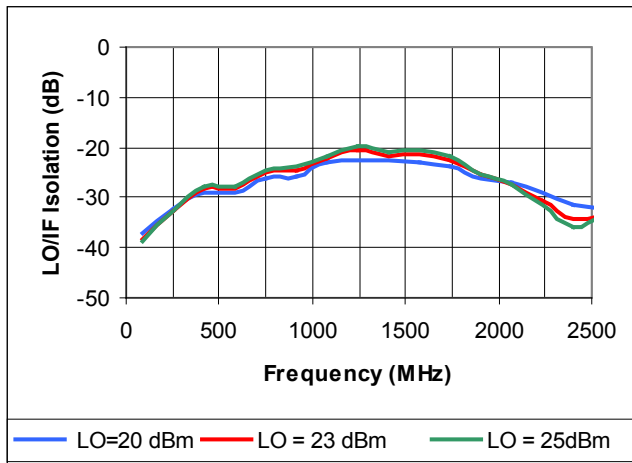
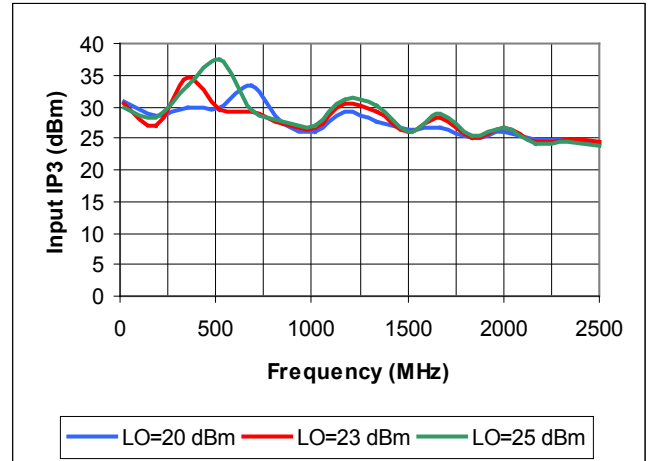
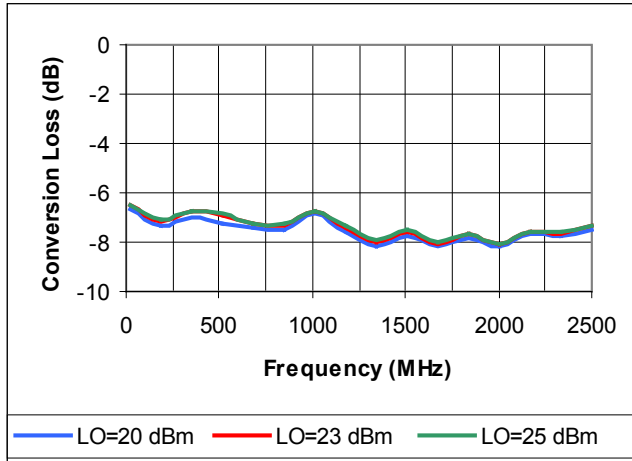
ODD COLOR BEAD PIN 1

TRIPLE BALANCED MIXER MODEL CHP-305

WIDE BANDWIDTH

10-2500 MHz

PERFORMANCE PLOTS

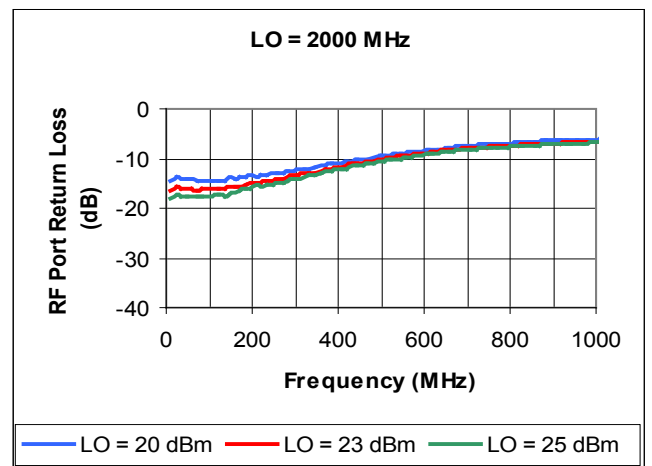
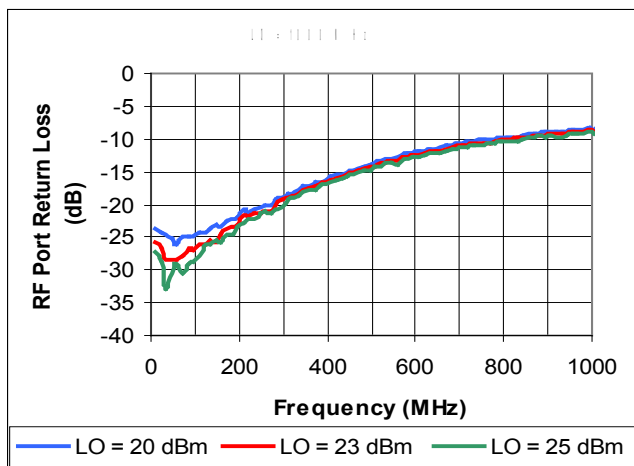
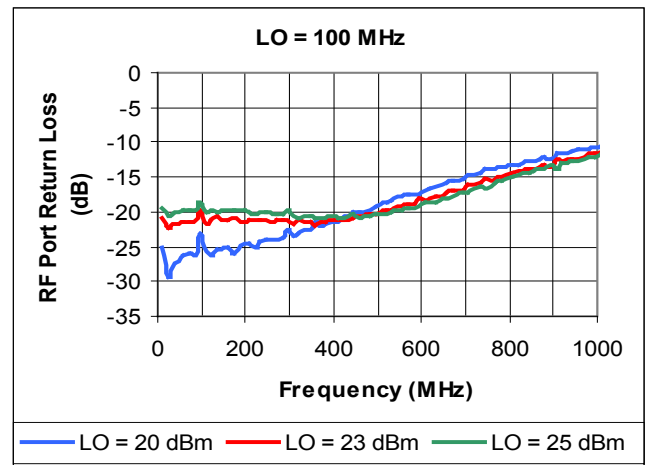
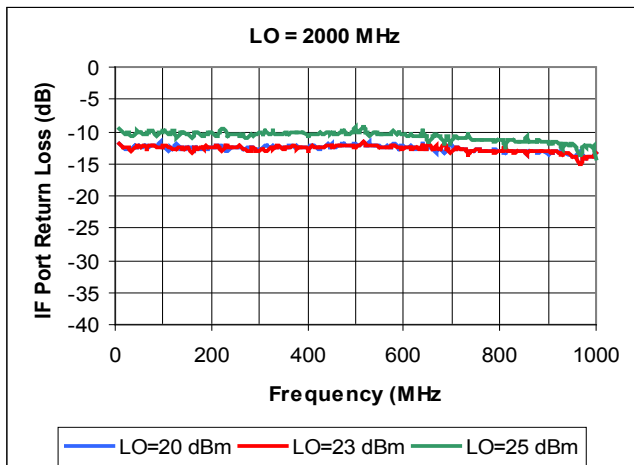
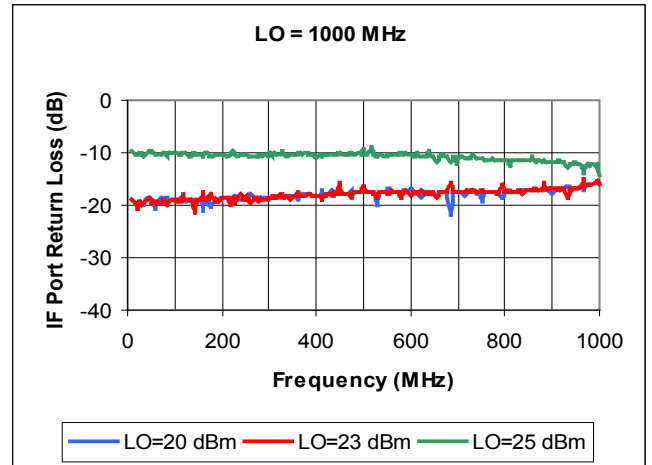
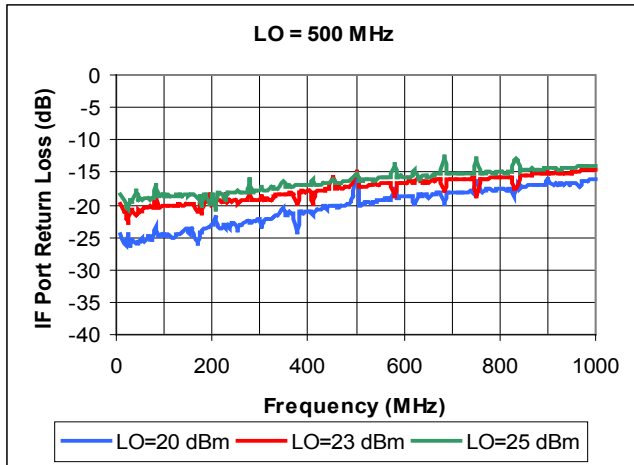


TRIPLE BALANCED MIXER MODEL CHP-305

WIDE BANDWIDTH

10-2500 MHz

PERFORMANCE PLOTS



TRIPLE BALANCED MIXER

MODEL CHP-305

WIDE BANDWIDTH

10-2500 MHz

SPECIFICATION SHEET REVISION RECORD

REV	COMMENT	BY	DATE