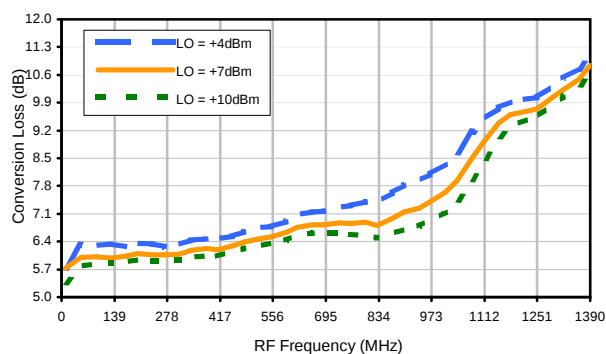
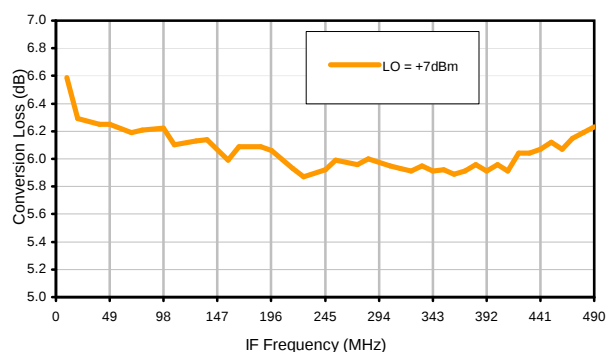


Typical Performance Curves

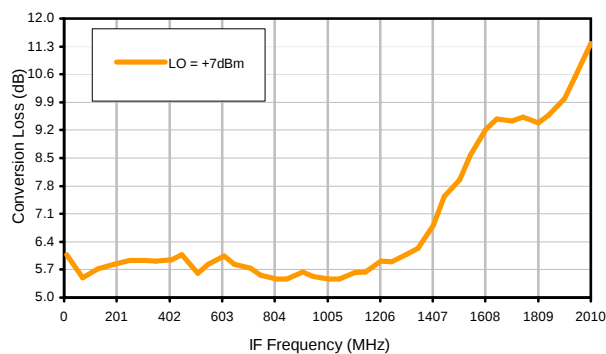
Conversion Loss @ IF=30MHz



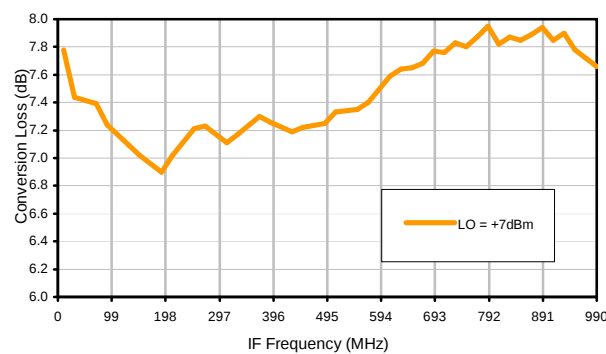
Conversion Loss vs. IF @ RF=500.1MHz



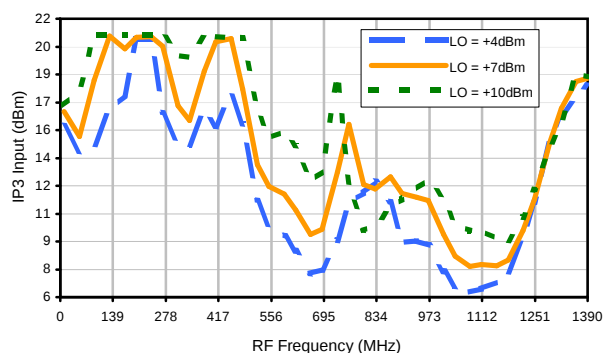
Conversion Loss vs. IF @ RF=10.1MHz



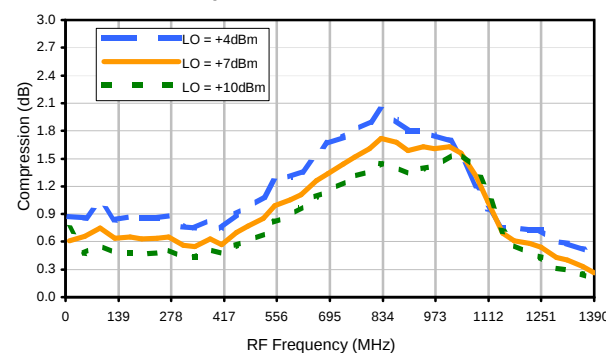
Conversion Loss vs. IF @ RF=1000.1MHz



IP3 Input

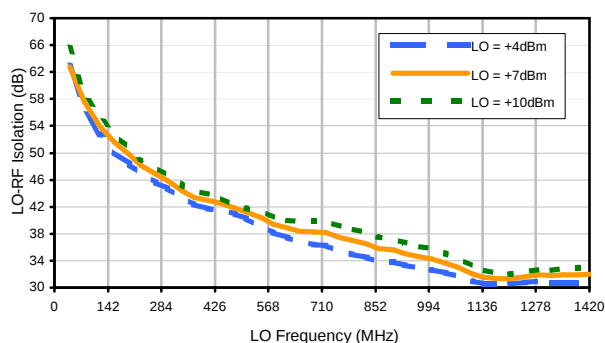


Compression @ RF IN=+1dBm

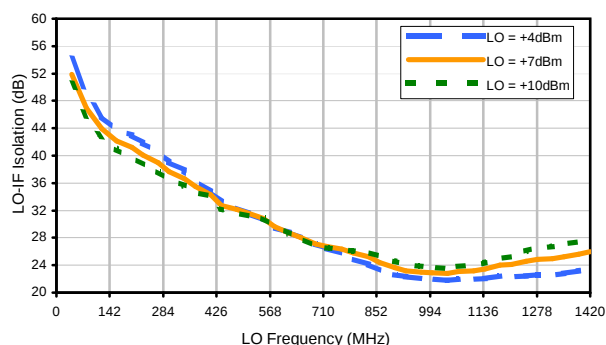


Typical Performance Curves

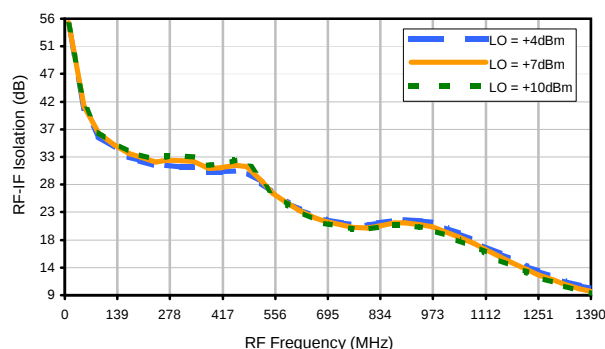
LO-RF Isolation



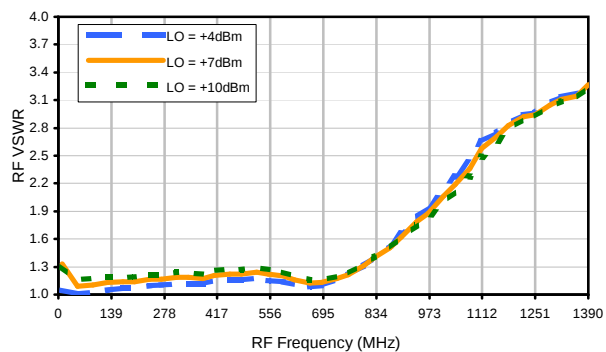
LO-IF Isolation



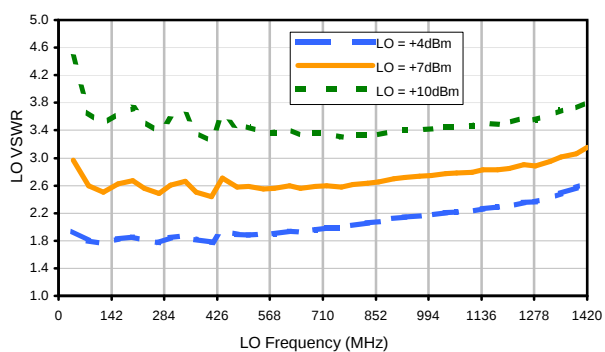
RF-IF Isolation



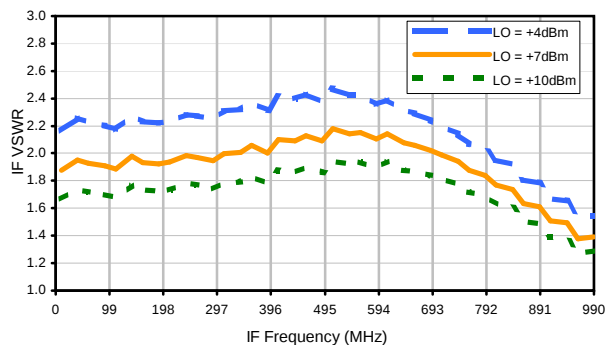
RF VSWR



LO VSWR



IF VSWR



REV. X2

ZLW-2

101011

Page 2 of 3



IF/RF MICROWAVE COMPONENTS • ISO 9001 ISO 14001 AS9100 CERTIFIED • RoHS compliant
P.O. Box 350186, Brooklyn, New York 11235-0008 (718) 934-4500 Fax (718) 332-4861



The Design Engineers Search Engine finds the model you need, instantly • For detailed performance specs & shopping online see



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	4	23	11	31	19	39	17	43	36	50
1	-	23	+0	33	10	34	26	43	52	52	52	51
2	79	59	46	60	46	56	45	65	67	69	54	>70
3	>90	64	63	68	66	68	59	>70	>70	>70	>70	>70
4	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
5	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
6	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
7	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
8	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
9	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
10	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 500.1 MHz; -14.00 dBm.
LO IN: 530.1 MHz; +7.00 dBm
IF OUT: 30 MHz; -20.42 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	13	31	24	41	30	51	30	57	51	65
1	-	24	+0	32	11	35	27	47	46	58	57	56
2	60	63	38	52	37	54	41	64	>80	65	47	70
3	>90	45	40	54	46	54	40	59	54	58	60	70
4	>90	73	66	64	55	66	53	60	53	68	74	77
5	>90	73	67	74	55	66	57	64	57	65	77	76
6	>90	>80	>80	>80	74	78	71	74	68	78	76	>80
7	>90	>80	>80	>80	78	>80	75	>80	77	>80	73	>80
8	>90	>80	>80	>80	>80	>80	>80	>80	>80	>80	77	80
9	>90	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
10	>90	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 500.1 MHz; -4.00 dBm.
LO IN: 530.1 MHz; +7.00 dBm
IF OUT: 30 MHz; -10.45 dBm

- Notes: 1. All Harmonics are in (dBc) relative to IF OUTPUT.
2. + entry denotes harmonics are in (dBc) above IF OUTPUT.
3. RF Cal represent the Harmonics level of the RF input signal to the mixer.

REV. X2
ZLW-2
101011
Page 3 of 3

