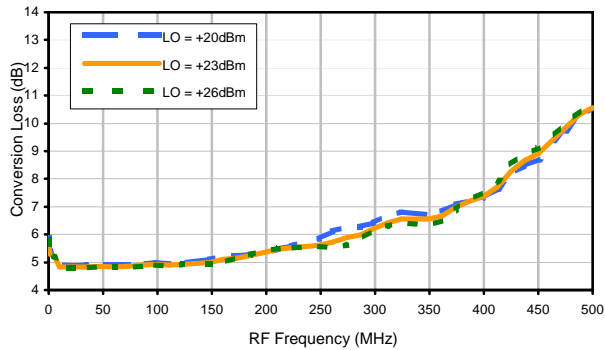
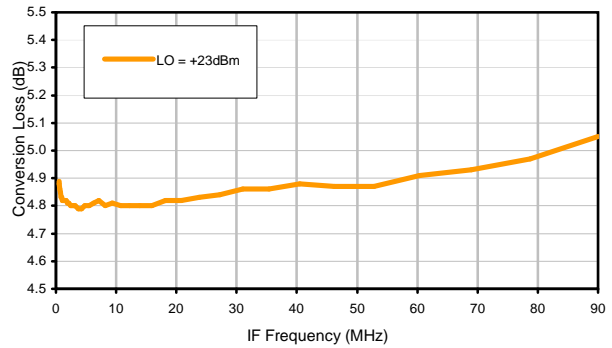


Typical Performance Curves

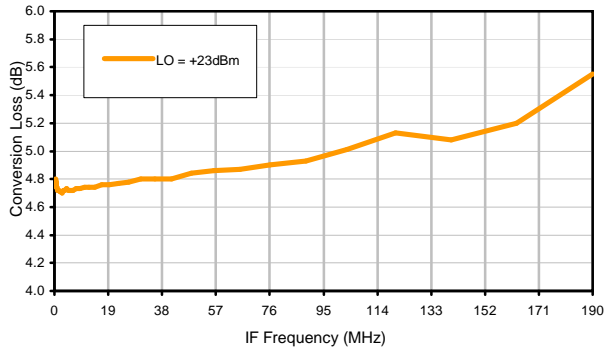
Conversion Loss @ IF=30MHz



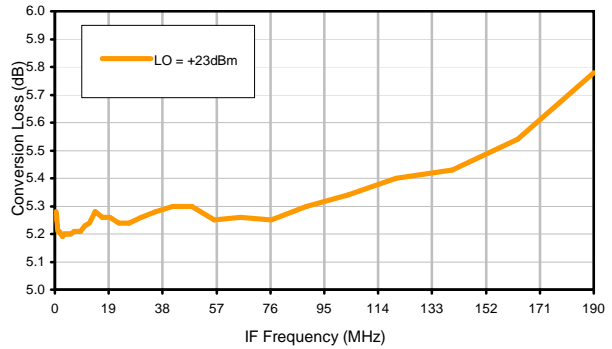
Conversion Loss vs. IF @ RF=100.1MHz



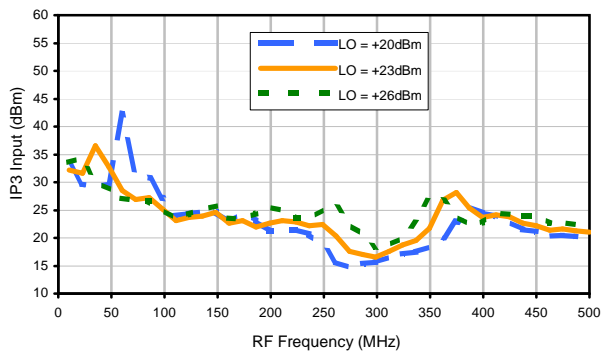
Conversion Loss vs. IF @ RF=10.1MHz



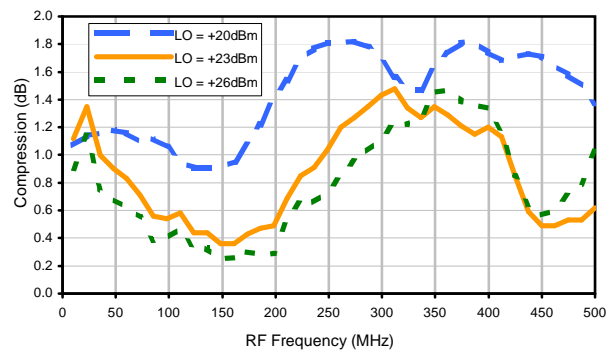
Conversion Loss vs. IF @ RF=200.1MHz



IP3 Input

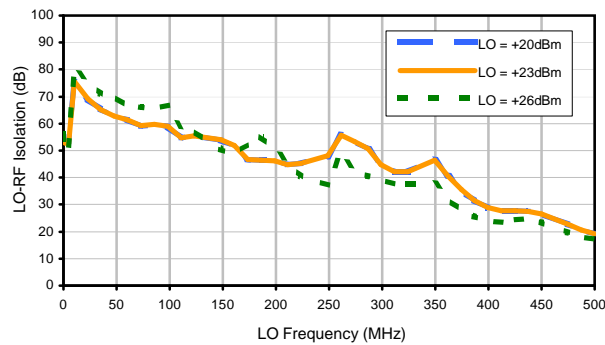


Compression @ RF IN=+15dBm

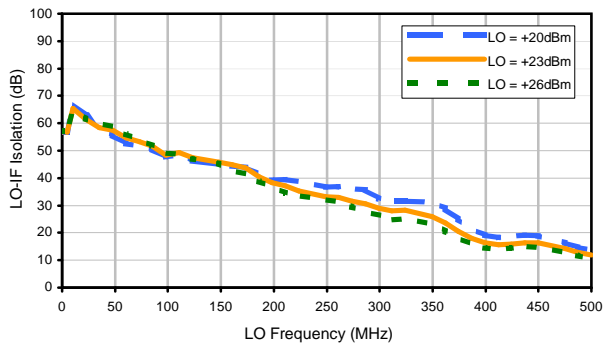


Typical Performance Curves

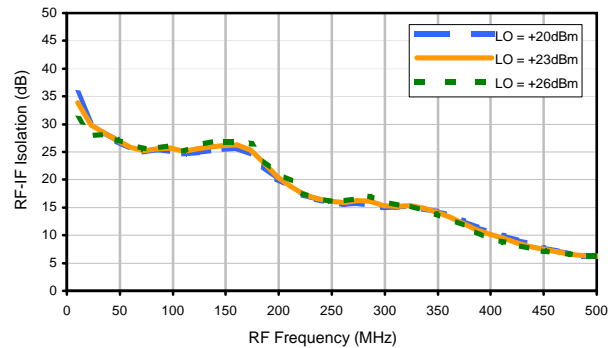
LO-RF Isolation



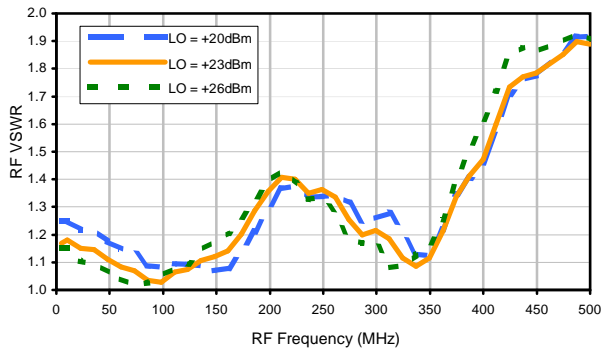
LO-IF Isolation



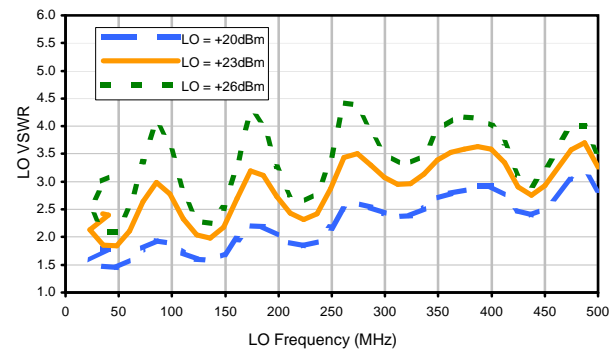
RF-IF Isolation



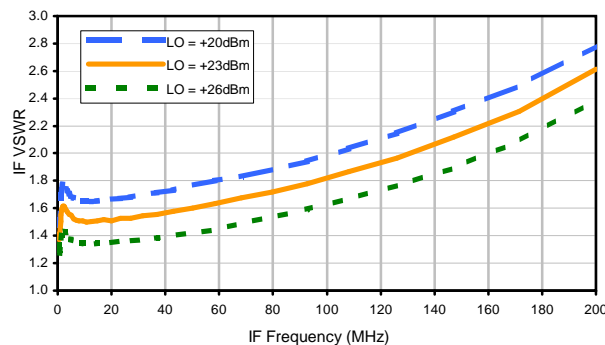
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	19	34	18	29	20	38	26	55	35	55
1	-	20	+0	28	12	39	17	36	31	42	60	48
2	98	60	50	59	50	61	51	61	59	76	76	76
3	111	61	52	62	53	66	54	63	65	66	63	76
4	>125	81	81	81	77	82	77	82	75	105	85	87
5	>125	86	79	82	79	82	80	85	81	83	88	86
6	>126	103	97	106	96	103	94	99	95	96	94	100
7	>126	109	103	107	113	102	109	102	100	106	99	104
8	>125	117	111	108	103	109	102	105	102	106	104	105
9	>125	119	123	117	112	118	110	114	109	>115	111	118
10	>126	>129	125	>126	121	118	116	116	113	115	113	120
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 100.1 MHz; .02.00 dBm.
 LO IN: 130.01 MHz; +23.00 dBm
 IF OUT: 29.91 MHz; -5 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	28	45	29	40	31	48	37	68	46	72
1	-	21	+0	28	12	37	18	39	30	45	45	50
2	89	58	52	58	53	57	55	59	63	82	64	76
3	100	48	42	53	41	52	41	51	47	51	57	58
4	119	72	62	75	60	73	60	71	59	71	67	77
5	>121	73	54	64	56	62	56	60	57	59	62	66
6	>121	81	70	77	73	75	71	77	74	76	74	90
7	121	79	75	78	67	74	64	78	65	73	65	79
8	>121	88	85	83	82	86	82	84	80	86	79	82
9	>121	88	80	83	87	80	79	78	81	81	79	79
10	>120	107	108	101	105	94	96	95	88	94	87	101
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 100.1 MHz; 10.00 dBm.
 LO IN: 130.01 MHz; +23.00 dBm
 IF OUT: 29.91 MHz; 5.01 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
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