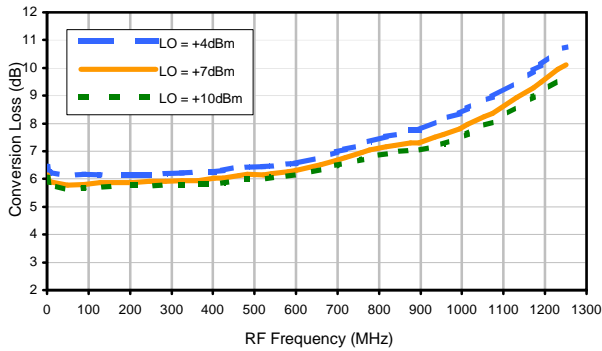
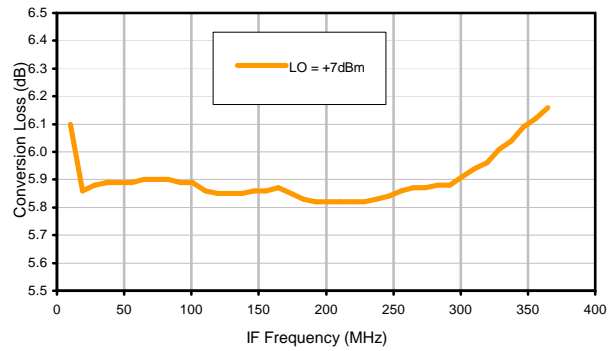


Typical Performance Curves

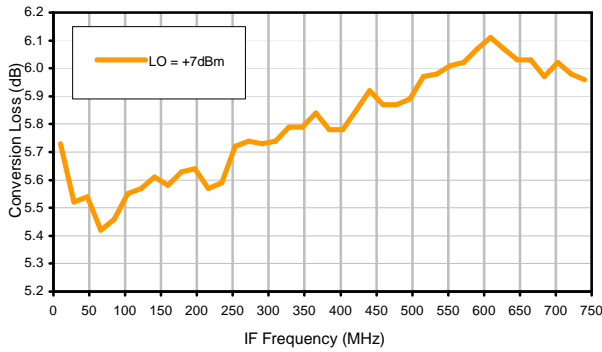
Conversion Loss @ IF=30MHz



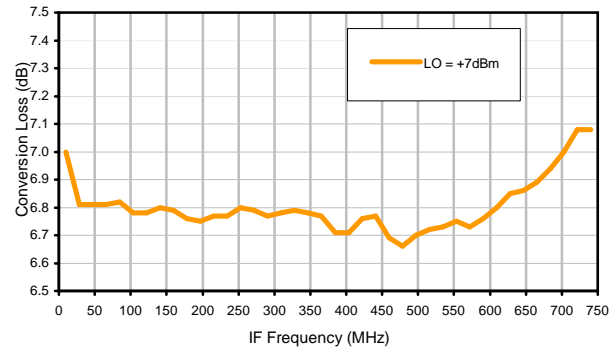
Conversion Loss vs. IF @ RF=375.1MHz



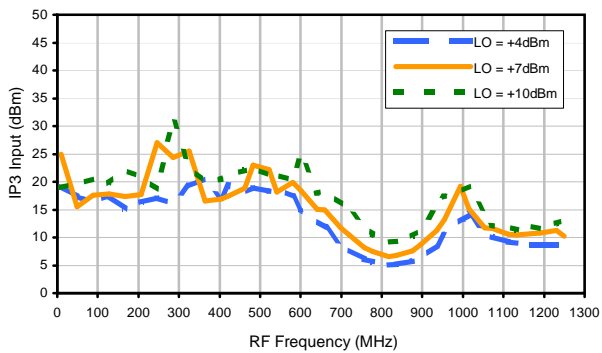
Conversion Loss vs. IF @ RF=10.1MHz



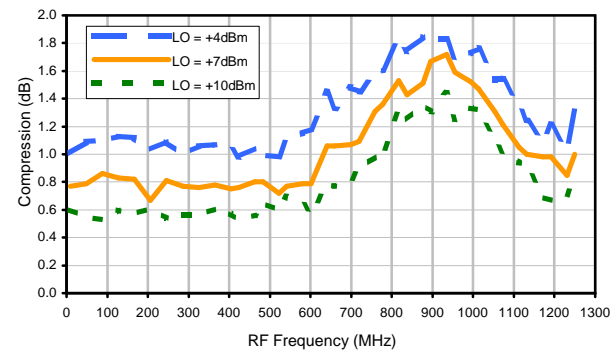
Conversion Loss vs. IF @ RF=750.1MHz



IP3 Input

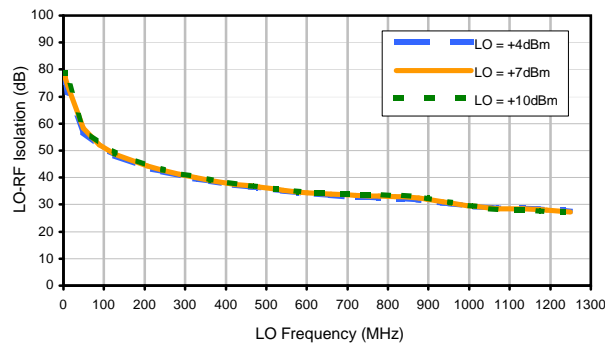


Compression @ RF IN=+1dBm

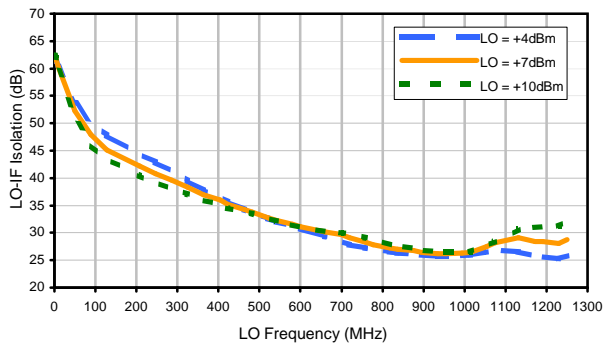


Typical Performance Curves

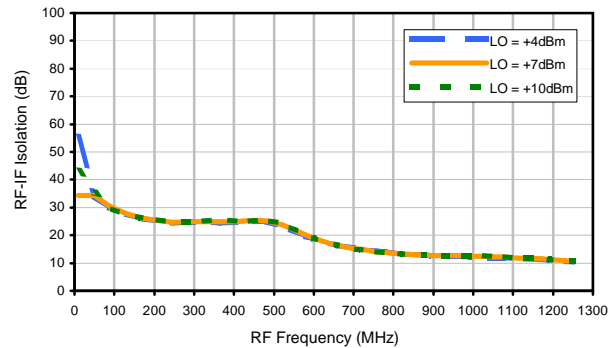
LO-RF Isolation



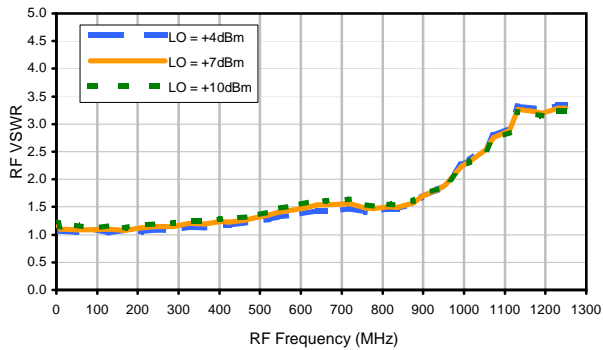
LO-IF Isolation



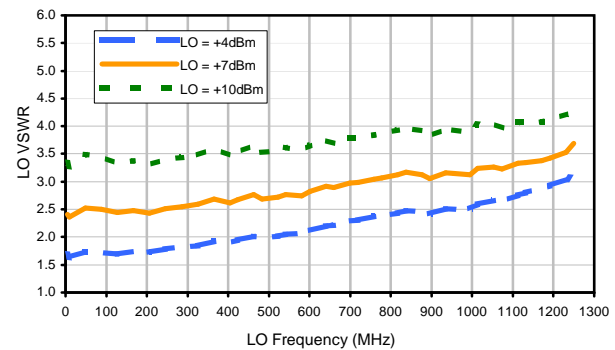
RF-IF Isolation



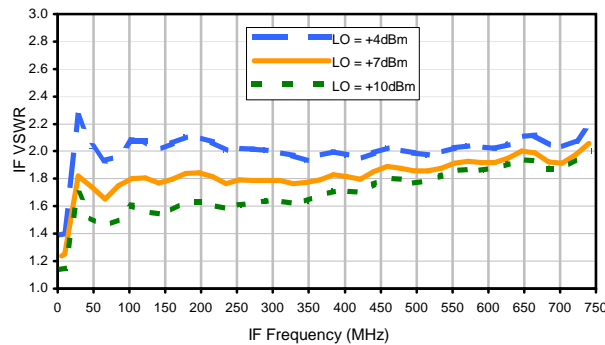
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	11	23	12	31	23	33	19	34	29	39
1	-	18	+0	25	12	26	18	40	40	41	44	41
2	104	88	49	62	48	70	48	57	54	72	66	61
3	108	69	67	68	68	72	60	69	67	77	83	76
4	114	97	95	94	83	88	87	101	87	94	106	98
5	120	103	105	104	93	93	90	92	96	95	95	102
6	121	114	103	112	106	91	87	88	96	110	95	103
7	108	109	109	107	106	111	104	88	87	100	102	107
8	123	107	103	102	111	117	99	92	95	86	99	108
9	119	112	102	107	112	100	99	113	106	99	116	97
10	120	110	102	116	115	108	110	113	95	97	90	98
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 370.1 MHz; -14.00 dBm.
 LO IN: 400.01 MHz; +7.00 dBm
 IF OUT: 29.91 MHz; -20 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	20	33	24	52	36	47	33	48	47	55
1	-	18	+0	25	12	26	19	44	40	47	47	47
2	104	57	42	60	41	59	44	54	50	62	60	59
3	136	53	47	52	51	57	39	59	44	55	66	60
4	111	67	74	65	59	67	55	71	55	68	62	77
5	118	73	73	67	57	65	55	69	55	63	57	74
6	115	91	73	78	73	75	80	77	72	92	74	78
7	114	84	83	84	72	78	80	89	92	90	73	77
8	114	102	98	97	94	89	87	83	94	85	83	84
9	125	101	103	99	94	89	82	88	87	95	88	89
10	120	107	103	112	102	103	92	92	92	91	97	94
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 370.1 MHz; -4.00 dBm.
 LO IN: 400.01 MHz; +7.00 dBm
 IF OUT: 29.91 MHz; -10.05 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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