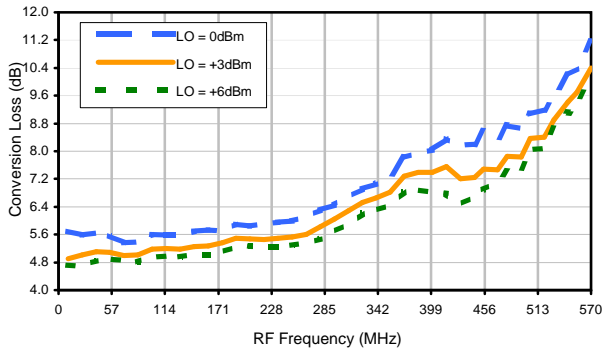
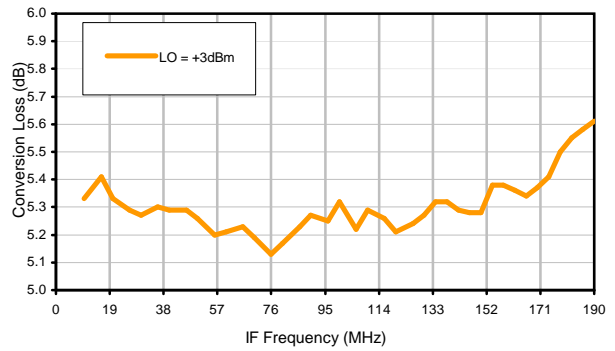


Typical Performance Curves

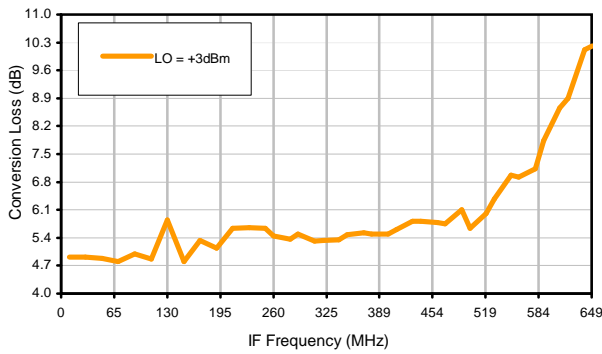
Conversion Loss @ IF=30MHz



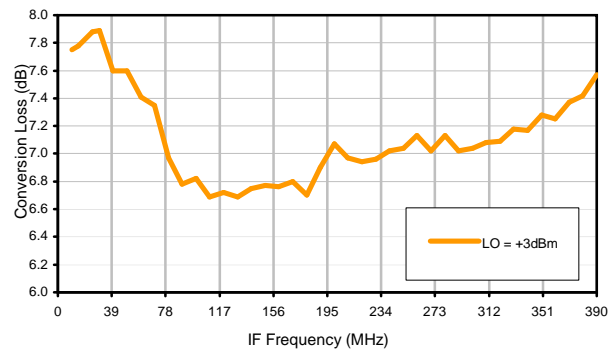
Conversion Loss vs. IF @ RF=200.1MHz



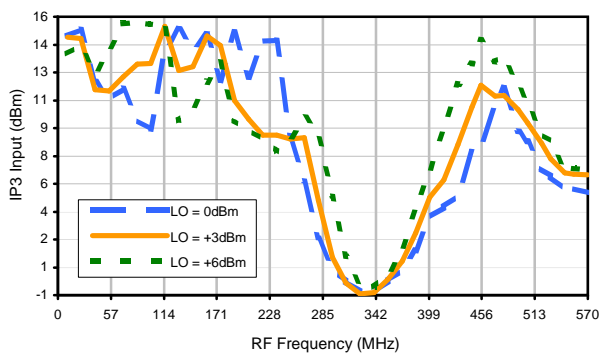
Conversion Loss vs. IF @ RF=10.1MHz



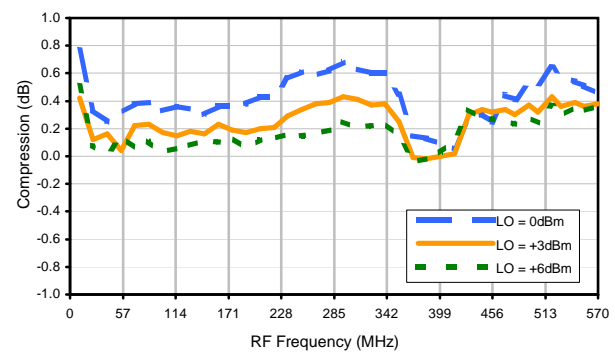
Conversion Loss vs. IF @ RF=400.1MHz



IP3 Input

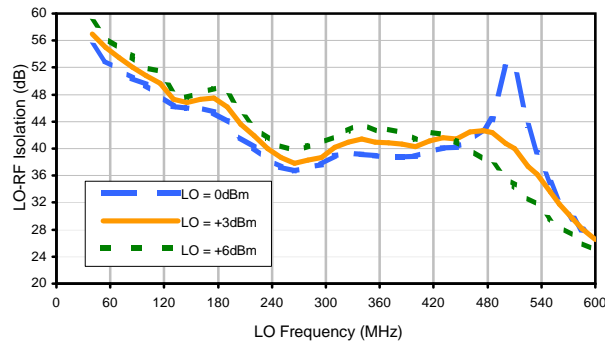


Compression @ RF IN=-3dBm

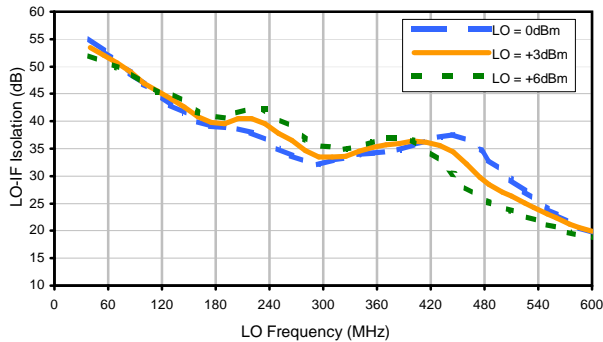


Typical Performance Curves

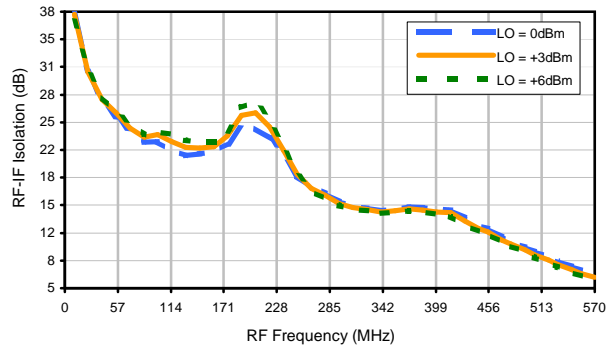
LO-RF Isolation



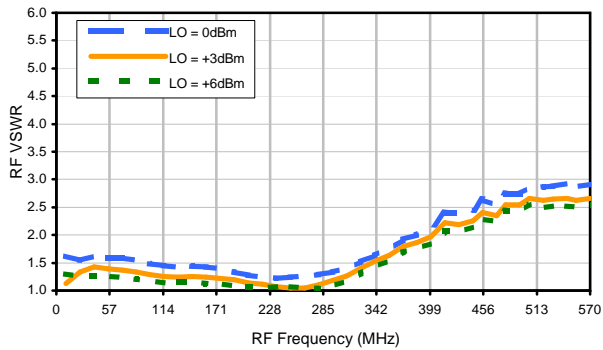
LO-IF Isolation



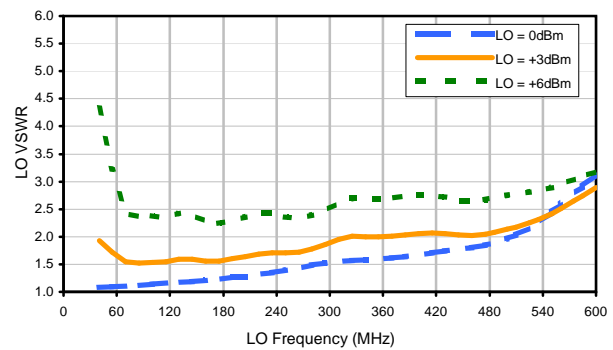
RF-IF Isolation



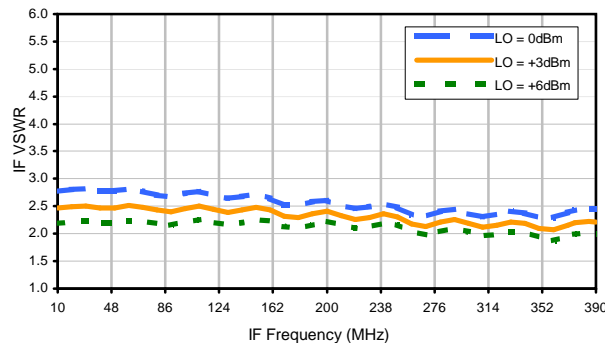
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	12	33	19	36	19	32	36	55	38	52
1	-	21	+0	34	13	39	35	36	32	31	31	46
2	>90	59	61	>67	58	62	63	>67	61	62	64	>67
3	>90	62	62	57	60	61	58	64	62	65	60	>67
4	>90	>67	>67	>67	>67	>67	>67	>67	>67	>67	>67	>67
5	>90	>67	>67	>67	>67	>67	>67	>67	>67	>67	>67	>67
6	>90	>67	>67	>67	>67	>67	>67	>67	>67	>67	>67	>67
7	>90	>67	>67	>67	>67	>67	>67	>67	>67	>67	>67	>67
8	>90	>67	>67	>67	>67	>67	>67	>67	>67	>67	>67	>67
9	>90	>67	>67	>67	>67	>67	>67	>67	>67	64	>67	>67
10	>90	>67	>67	>67	>67	>67	>67	>67	>67	>67	>67	>67
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 200.1 MHz; -18.00 dBm.
 LO IN: 230.1 MHz; +3.00 dBm
 IF OUT: 30 MHz; -23.49 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	22	61	30	46	31	46	46	60	51	63
1	-	23	+0	29	13	40	34	40	37	35	37	58
2	82	46	55	52	53	51	54	62	53	61	63	73
3	>90	47	46	44	46	47	51	52	50	52	48	52
4	>90	>76	72	>76	71	74	69	>76	67	75	>76	74
5	>90	74	>76	62	69	58	60	58	58	67	65	70
6	>90	>76	>76	>76	>76	>76	>76	>76	>76	>76	>76	>76
7	>90	>76	>76	>76	>76	75	>76	72	75	75	74	>76
8	>90	>76	>76	>76	>76	>76	>76	>76	>76	>76	>76	>76
9	>90	>76	>76	>76	>76	>76	>76	>76	>76	76	>76	>76
10	>90	>76	>76	>76	>76	>76	>76	>76	>76	>76	>76	>76
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 200.1 MHz; -8.00 dBm.
 LO IN: 230.1 MHz; +3.00 dBm
 IF OUT: 30 MHz; -13.56 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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 101013

