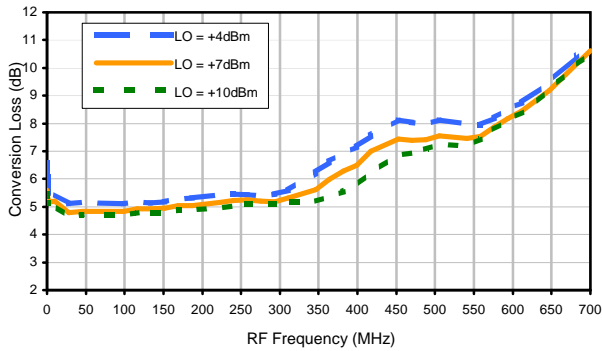
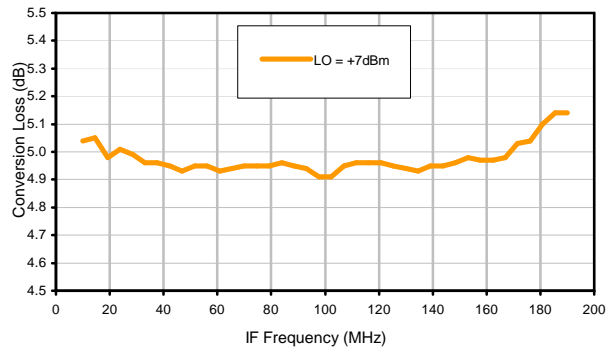


Typical Performance Curves

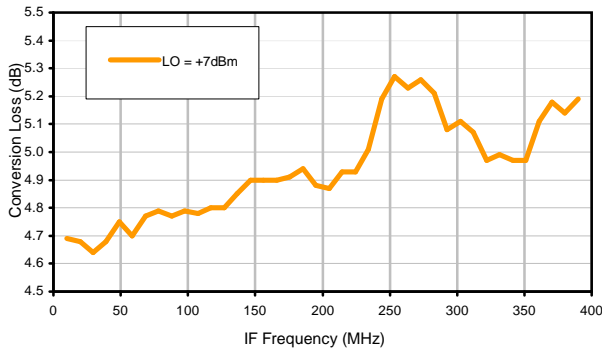
Conversion Loss @ IF=30MHz



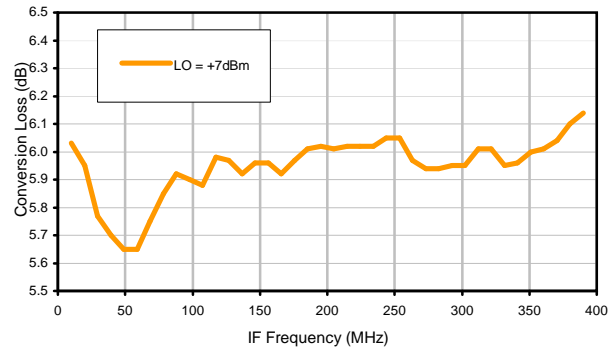
Conversion Loss vs. IF @ RF=200.1MHz



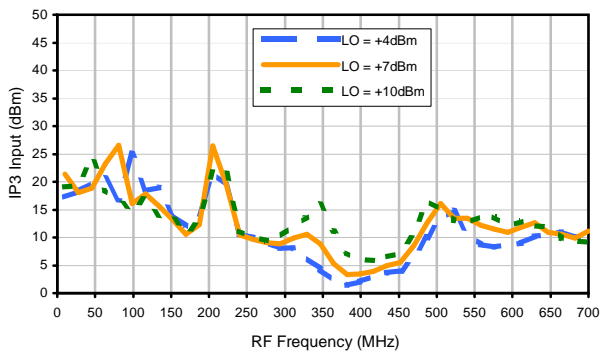
Conversion Loss vs. IF @ RF=10.1MHz



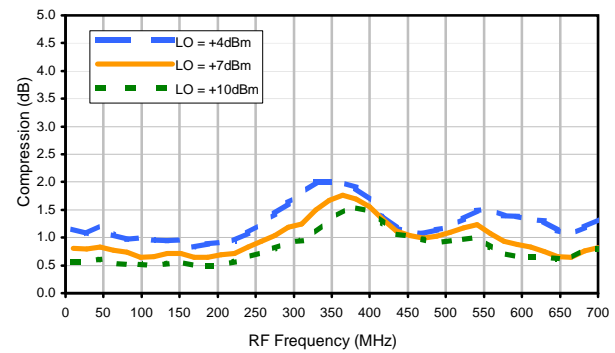
Conversion Loss vs. IF @ RF=400.1MHz



IP3 Input

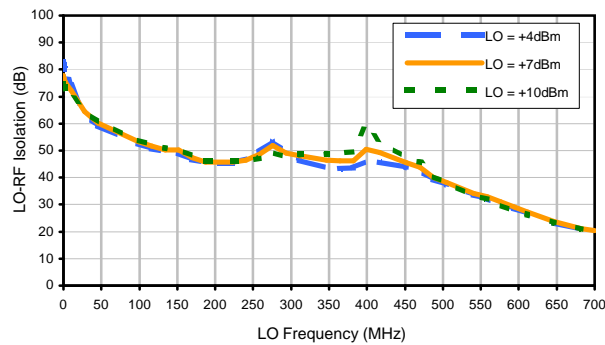


Compression @ RF IN=+1dBm

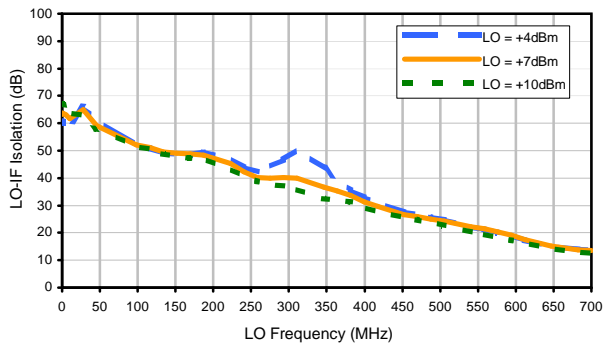


Typical Performance Curves

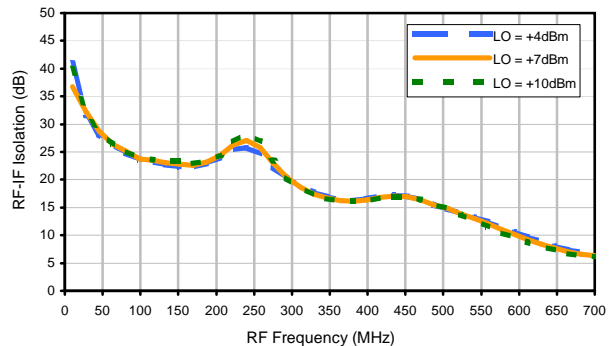
LO-RF Isolation



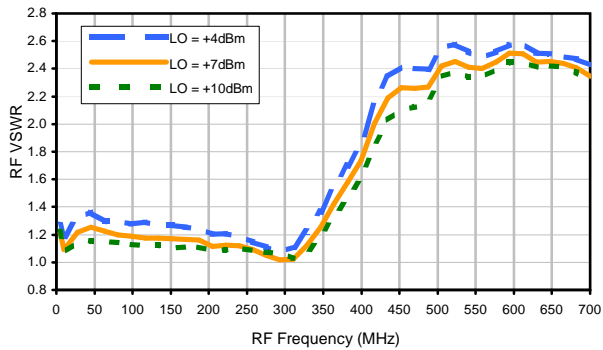
LO-IF Isolation



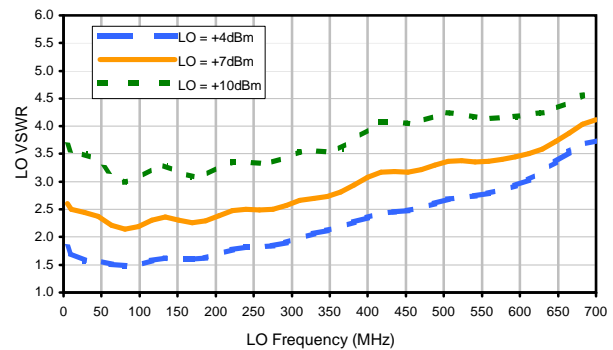
RF-IF Isolation



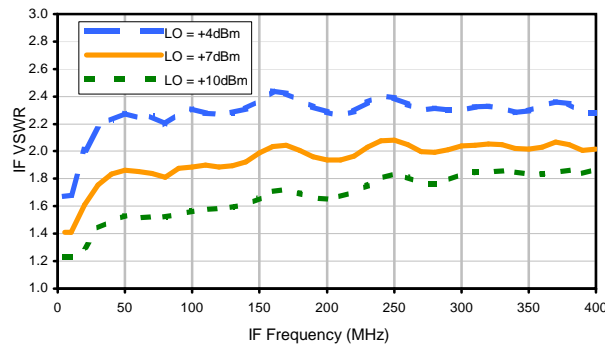
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	16	31	11	52	19	43	24	39	37	47
1	-	19	+0	24	11	35	30	42	38	43	39	48
2	>100	57	56	55	57	56	51	72	59	67	59	>81
3	>100	76	71	74	65	72	65	77	73	72	66	75
4	>100	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
5	>100	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
6	>100	>81	>81	>81	>81	>81	78	>81	>81	>81	>81	>81
7	>100	>81	>81	>81	>81	>81	>81	72	>81	>81	>81	>81
8	>100	>81	>81	>81	>81	>81	>81	>81	62	>81	>81	>81
9	>100	>81	>81	>81	>81	>81	>81	>81	>81	75	>81	>81
10	>100	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 200.1 MHz; -14.00 dBm.
 LO IN: 230.01 MHz; +7.00 dBm
 IF OUT: 29.91 MHz; -19.24 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	26	39	21	55	30	61	39	50	50	60
1	-	19	+0	25	11	34	32	48	38	48	45	57
2	>100	54	50	52	52	50	46	64	53	58	52	66
3	>100	51	41	49	45	53	39	65	55	55	53	56
4	>100	68	68	66	64	64	64	66	62	83	67	76
5	>100	70	60	56	51	62	51	63	53	65	68	68
6	>100	89	86	84	79	81	78	84	>91	79	87	90
7	>100	89	90	83	75	69	71	72	67	75	67	82
8	>100	>91	>91	>91	>91	>91	86	87	70	89	81	86
9	>100	>91	88	>91	90	>91	76	78	76	79	79	90
10	>100	>91	>91	>91	>91	>91	>91	>91	>91	>91	89	>91
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 200.1 MHz; -4.00 dBm.
 LO IN: 230.01 MHz; +7.00 dBm
 IF OUT: 29.91 MHz; -9.22 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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 Page 3 of 3



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