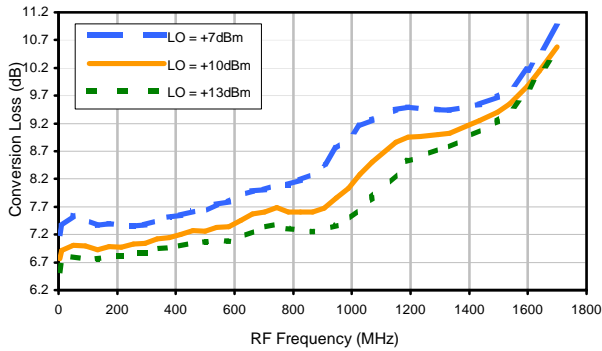
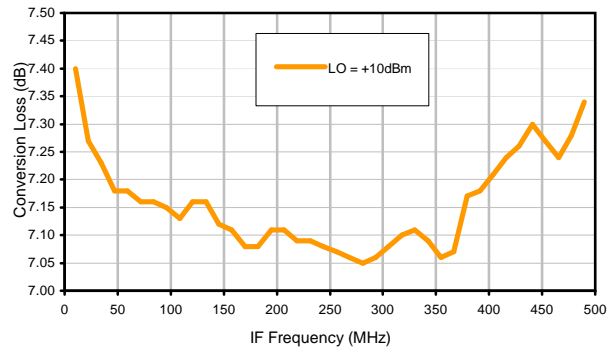


Typical Performance Curves

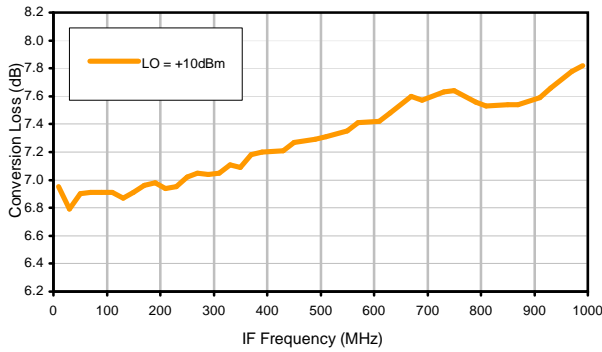
Conversion Loss @ IF=30MHz



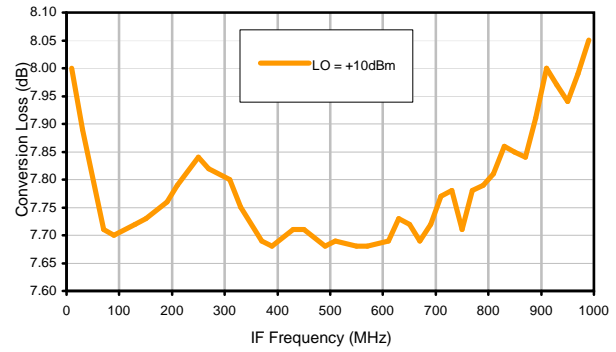
Conversion Loss vs. IF @ RF=500.1MHz



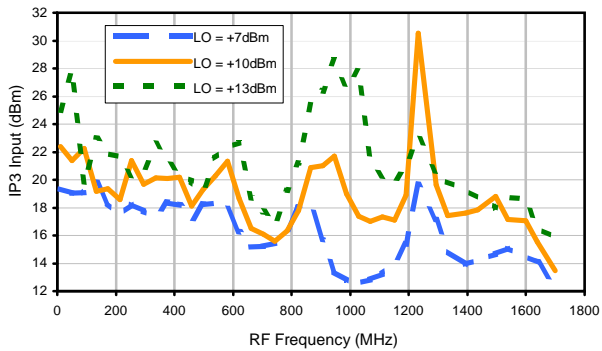
Conversion Loss vs. IF @ RF=10.1MHz



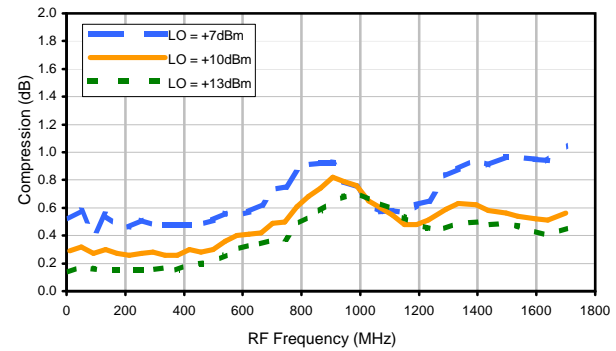
Conversion Loss vs. IF @ RF=1000.1MHz



IP3 Input

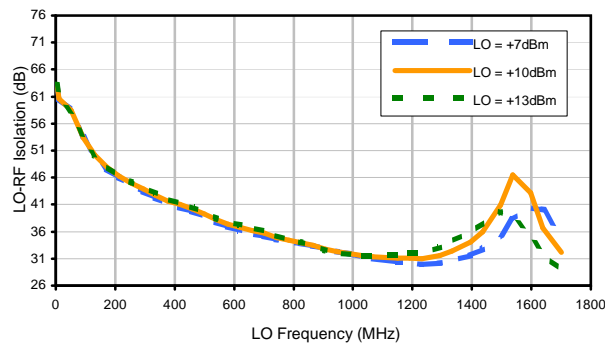


Compression @ RF IN=+5dBm

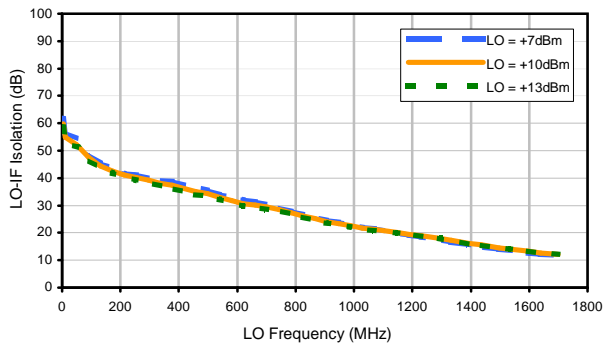


Typical Performance Curves

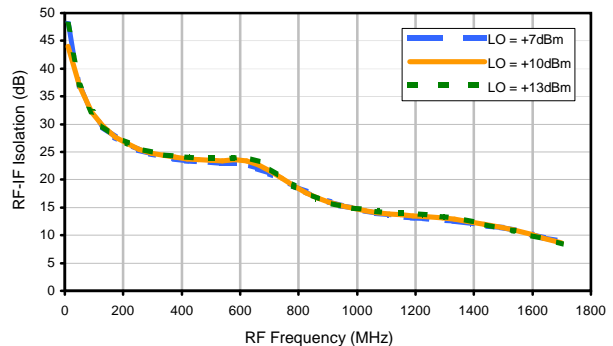
LO-RF Isolation



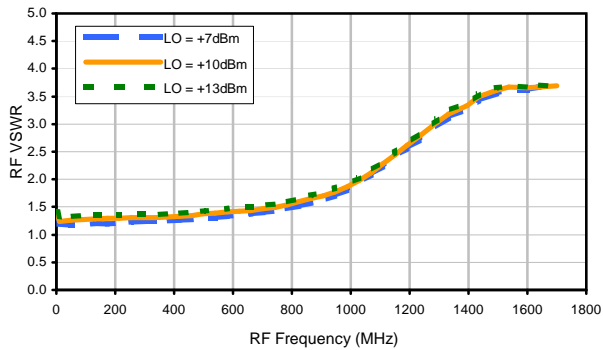
LO-IF Isolation



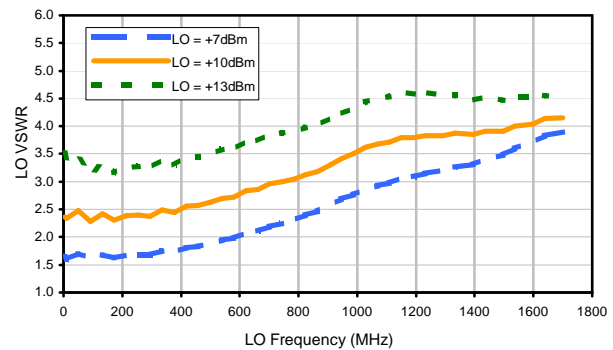
RF-IF Isolation



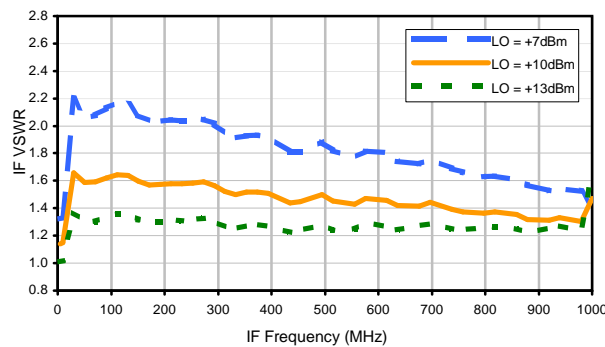
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	14	31	19	40	28	54	31	45	46	54
1	-	16	+0	29	13	36	26	49	40	43	49	47
2	93	60	38	55	38	66	39	60	56	59	48	66
3	>100	58	50	60	49	56	42	61	57	61	51	63
4	>100	71	60	69	59	68	63	69	59	75	74	67
5	>100	88	71	67	59	66	56	64	55	70	62	77
6	>100	91	83	91	88	80	78	77	71	75	69	81
7	>100	81	89	91	80	84	83	82	>93	81	80	85
8	>100	>93	>93	>93	>93	91	91	86	85	88	86	85
9	>100	>93	>93	>93	>93	>93	89	90	87	>93	88	91
10	>100	>93	>93	>93	>93	>93	>93	>93	>93	92	>93	>93
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 500.1 MHz; 0.00 dBm.
 LO IN: 530.01 MHz; +10.00 dBm
 IF OUT: 29.91 MHz; -7.45 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	5	20	7	28	17	41	19	35	31	45
1	-	16	+0	29	13	34	26	44	44	40	43	43
2	>100	67	45	60	45	69	46	65	62	60	56	71
3	>100	70	64	69	61	67	57	73	65	77	63	81
4	>100	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
5	>100	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
6	>100	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
7	>100	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
8	>100	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
9	>100	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
10	>100	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 500.1 MHz; -10.00 dBm.
 LO IN: 530.01 MHz; +10.00 dBm
 IF OUT: 29.91 MHz; -17.78 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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