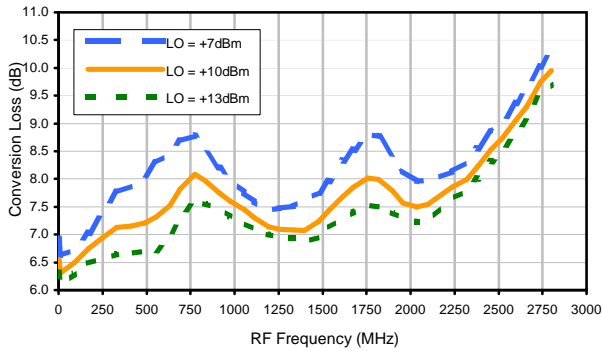
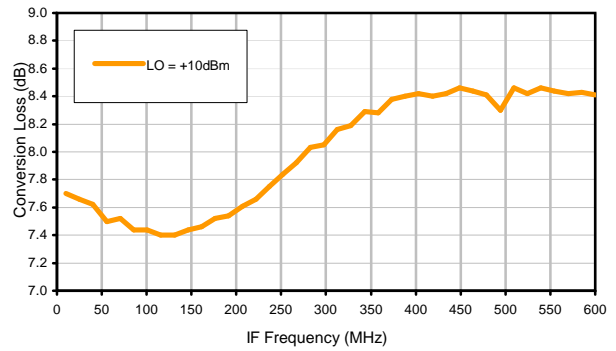


Typical Performance Curves

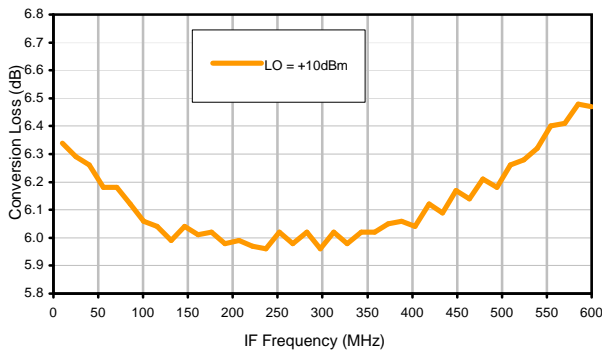
Conversion Loss @ IF=30MHz



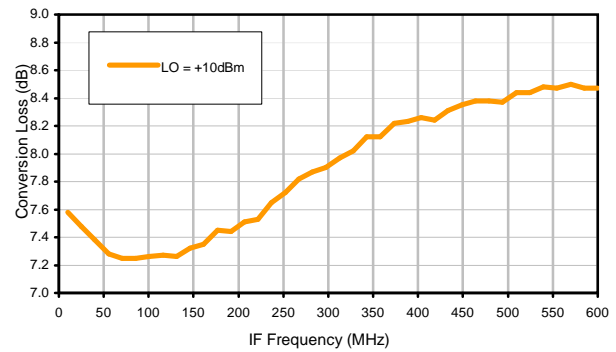
Conversion Loss vs. IF @ RF=1000.1MHz



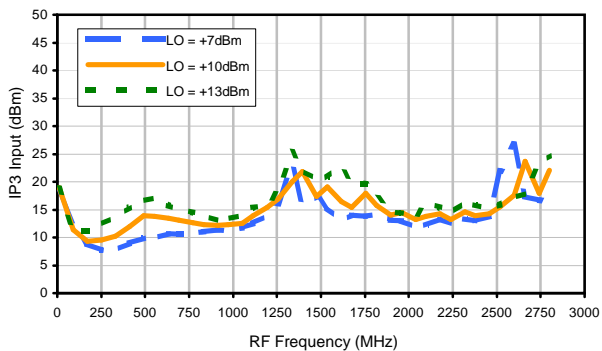
Conversion Loss vs. IF @ RF=10.1MHz



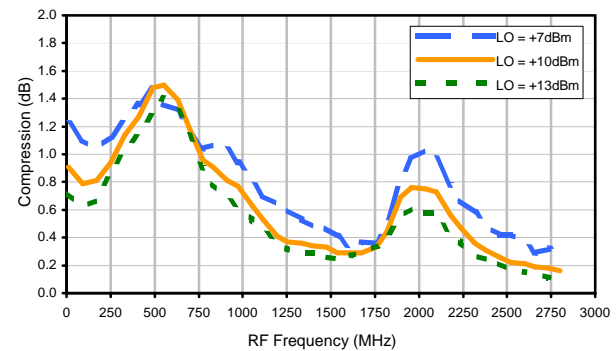
Conversion Loss vs. IF @ RF=2000.1MHz



IP3 Input

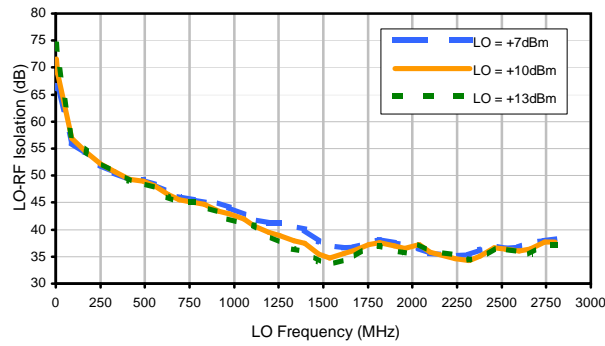


Compression @ RF IN=+5dBm

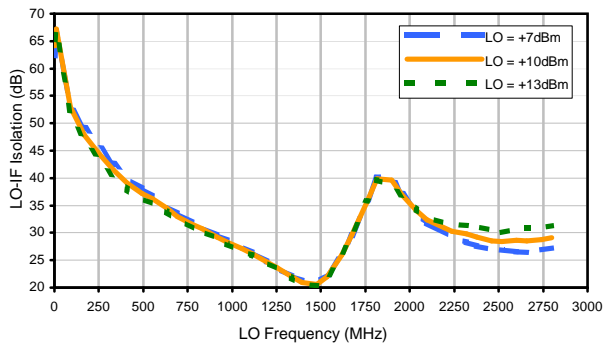


Typical Performance Curves

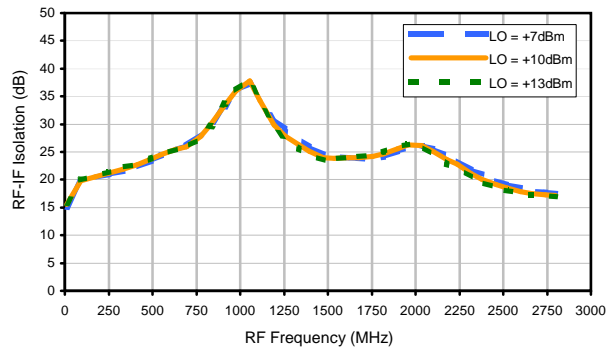
LO-RF Isolation



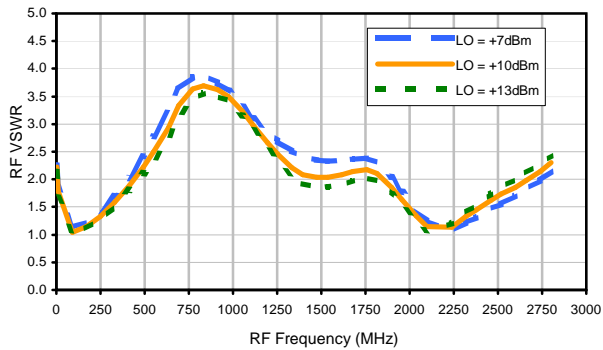
LO-IF Isolation



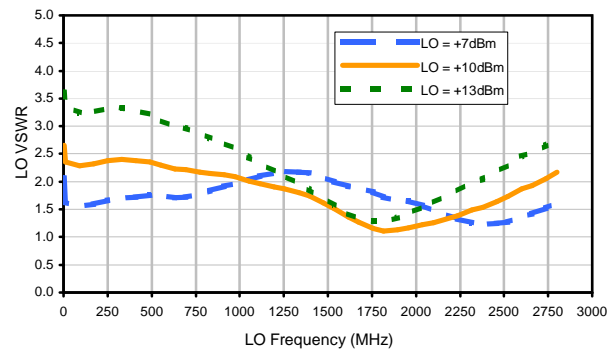
RF-IF Isolation



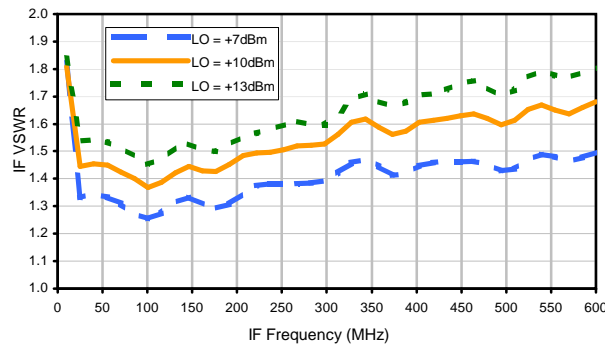
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	9	30	34	44	26	50	51	52	62	51
1	-	28	+0	33	24	33	32	40	57	45	61	58
2	85	68	50	54	42	64	47	61	44	69	61	77
3	>100	54	53	50	37	50	47	65	49	56	65	57
4	>100	80	64	74	64	87	58	75	61	70	57	75
5	>100	76	69	72	74	63	51	61	60	62	60	68
6	>100	88	88	92	71	89	74	78	69	89	70	82
7	>100	81	85	>92	76	73	82	71	61	71	68	72
8	>100	>92	91	>92	90	>92	81	>92	77	86	76	>92
9	>100	89	>92	91	>92	>92	87	87	>92	80	73	81
10	>100	>92	>92	>92	>92	>92	>92	>92	86	>92	83	>92
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 1000.1 MHz; 0.00 dBm.
 LO IN: 1030.01 MHz; +10.00 dBm
 IF OUT: 29.91 MHz; -7.52 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+1	20	26	32	14	40	35	42	48	40
1	-	29	+0	34	25	33	30	37	48	37	46	42
2	100	67	56	66	51	70	59	65	49	67	64	72
3	>100	70	68	66	52	66	61	71	61	71	79	66
4	>100	>82	73	>82	71	>82	72	>82	75	>82	75	>82
5	>100	>82	>82	>82	>82	>82	80	>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: 1000.1 MHz; -10.00 dBm.
 LO IN: 1030.01 MHz; +10.00 dBm
 IF OUT: 29.91 MHz; -17.54 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.

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