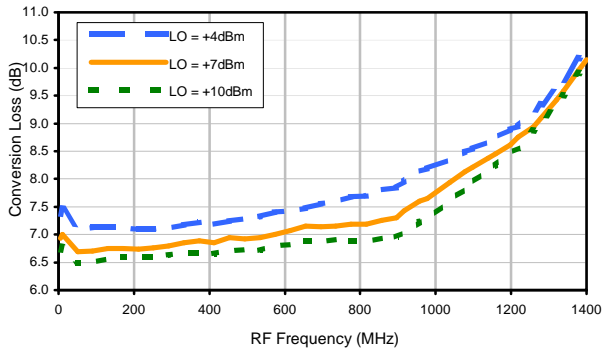
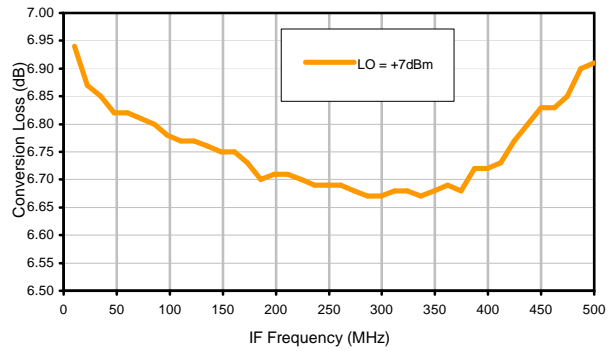


Typical Performance Curves

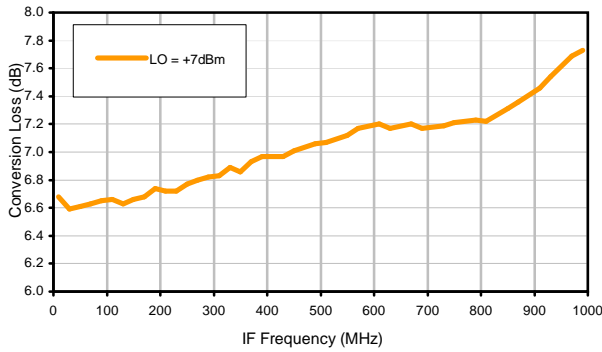
Conversion Loss @ IF=30MHz



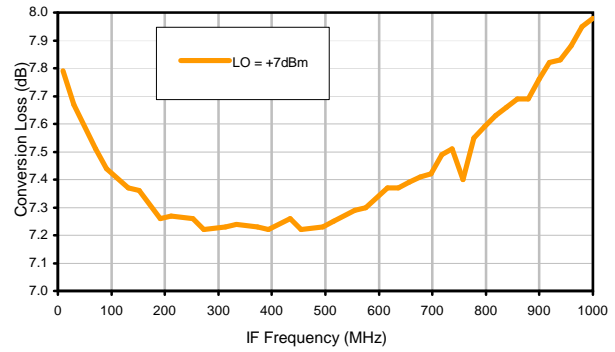
Conversion Loss vs. IF @ RF=510.1MHz



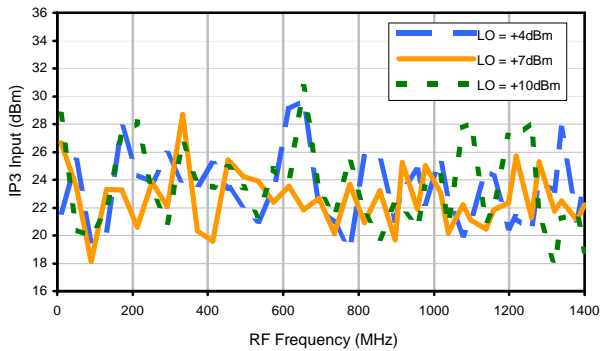
Conversion Loss vs. IF @ RF=10.1MHz



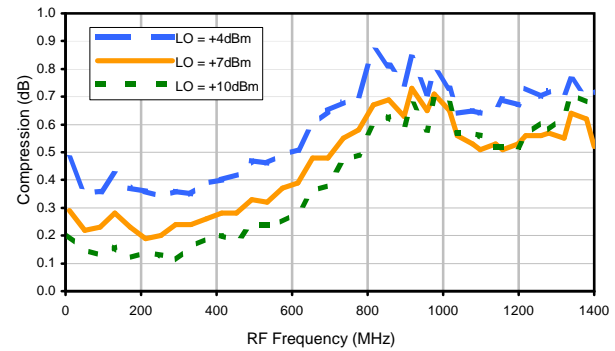
Conversion Loss vs. IF @ RF=1010.1MHz



IP3 Input

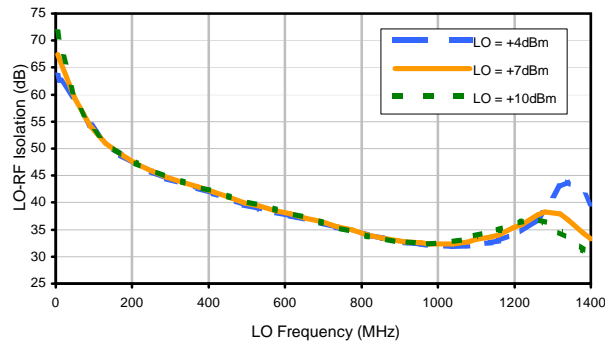


Compression @ RF IN=+1dBm

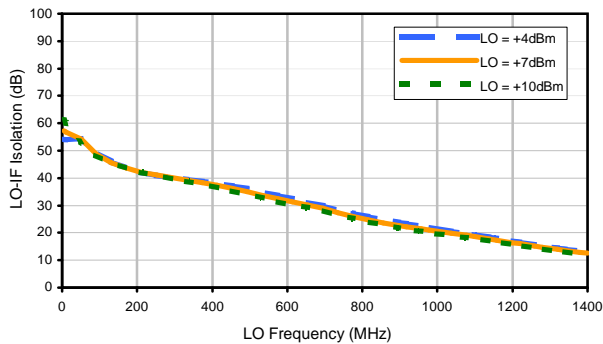


Typical Performance Curves

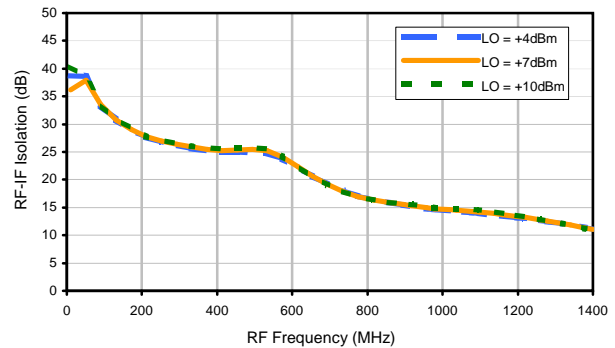
LO-RF Isolation



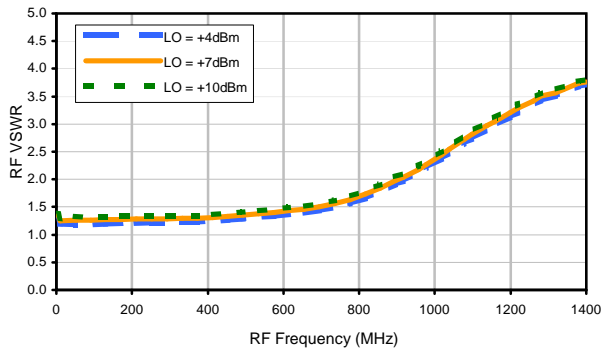
LO-IF Isolation



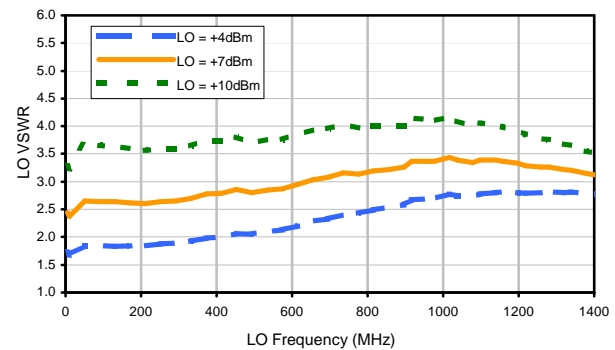
RF-IF Isolation



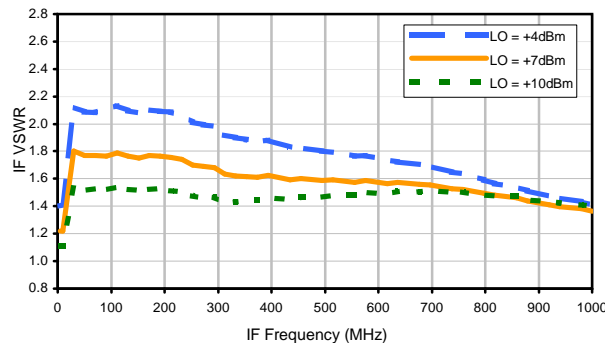
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	6	22	11	37	21	29	21	31	33	38
1	-	18	+0	32	13	37	25	38	38	38	49	38
2	111	66	46	67	48	66	49	75	56	67	60	61
3	128	73	75	73	65	71	62	75	78	74	67	77
4	117	96	104	95	91	81	87	92	97	93	88	92
5	116	101	106	103	96	90	84	103	102	96	101	102
6	108	114	110	98	101	102	93	94	96	99	117	107
7	112	109	99	111	102	101	103	94	85	98	106	98
8	113	118	103	117	110	116	107	104	94	92	98	100
9	112	97	103	110	99	105	105	112	107	94	98	99
10	119	117	103	102	106	104	108	105	103	95	86	98
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 500.1 MHz; -14.00 dBm.
 LO IN: 530.01 MHz; +7.00 dBm
 IF OUT: 29.91 MHz; -20.95 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	15	33	23	50	32	40	33	44	49	57
1	-	19	+0	30	13	40	26	42	37	42	53	44
2	96	56	38	53	38	58	41	62	53	69	51	56
3	113	54	56	60	53	57	46	59	60	57	54	56
4	125	80	70	78	62	75	67	70	58	90	63	71
5	117	80	79	76	60	67	58	67	57	69	64	73
6	133	88	85	90	78	79	73	75	69	77	73	81
7	114	85	85	88	82	86	77	89	82	90	96	92
8	111	103	114	104	99	102	98	93	102	100	93	91
9	120	124	106	116	108	103	101	101	100	99	92	96
10	114	106	114	114	115	105	108	120	101	101	100	97
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 500.1 MHz; -4.00 dBm.
 LO IN: 530.01 MHz; +7.00 dBm
 IF OUT: 29.91 MHz; -11.13 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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