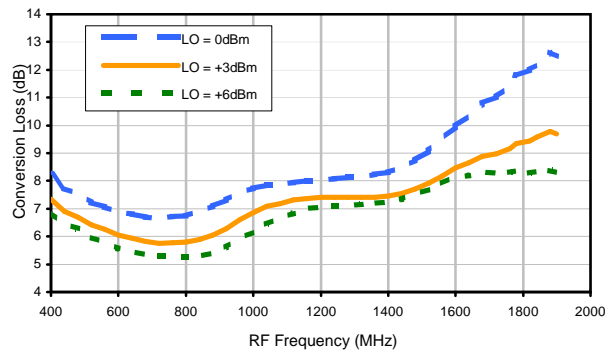
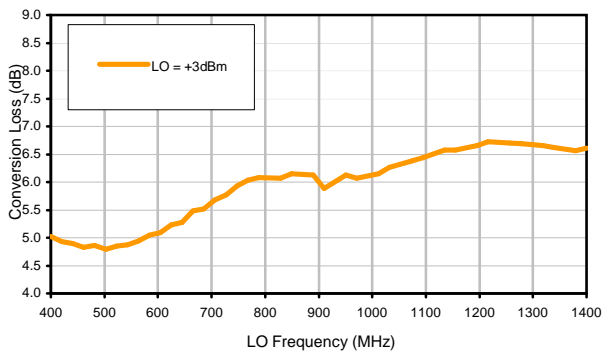


Typical Performance Curves

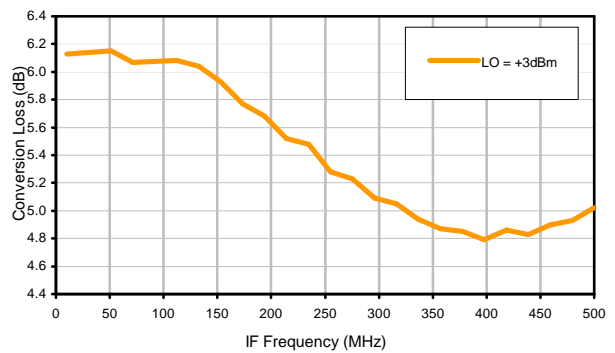
Conversion Loss @ IF=30MHz



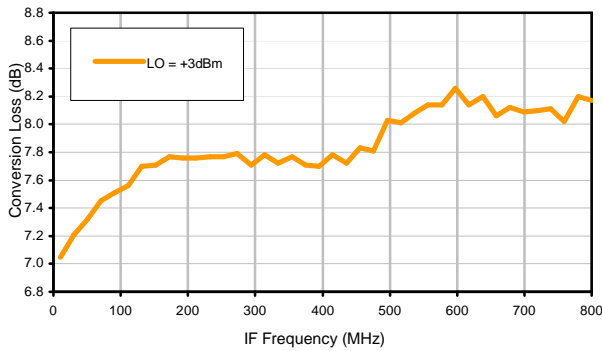
Conversion Loss vs. LO @ RF=900.1MHz



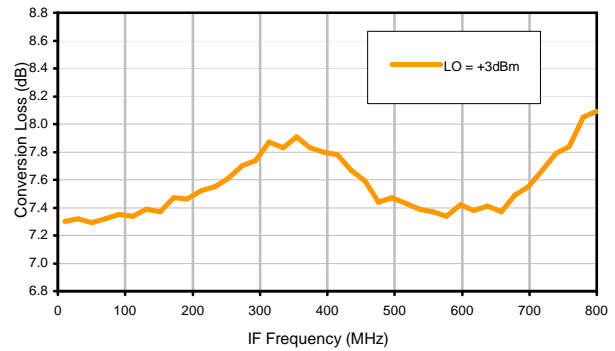
Conversion Loss vs. IF @ RF=900.1MHz



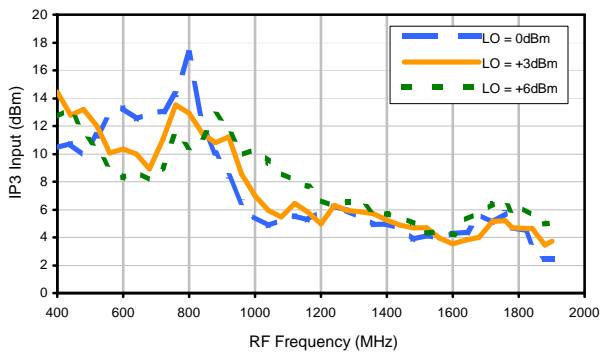
Conversion Loss vs. IF @ RF=400.1MHz



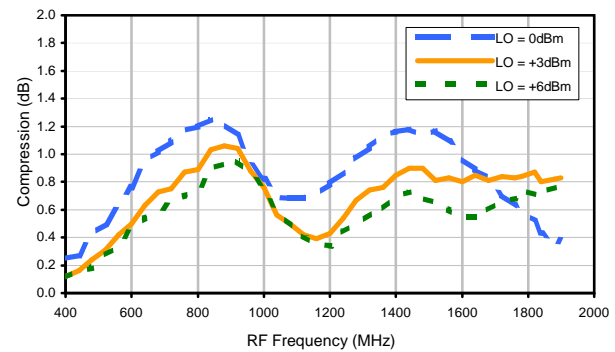
Conversion Loss vs. IF @ RF=1400.1MHz



IP3 Input

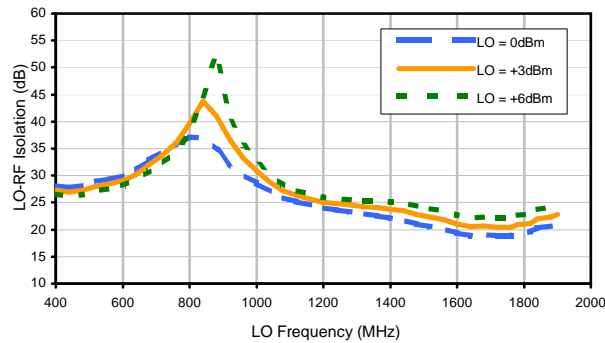


Compression @ RF IN=-3dBm

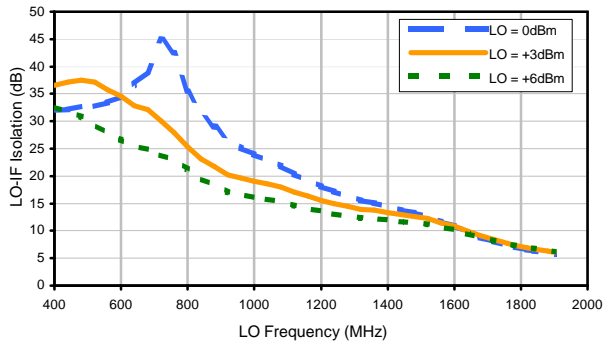


Typical Performance Curves

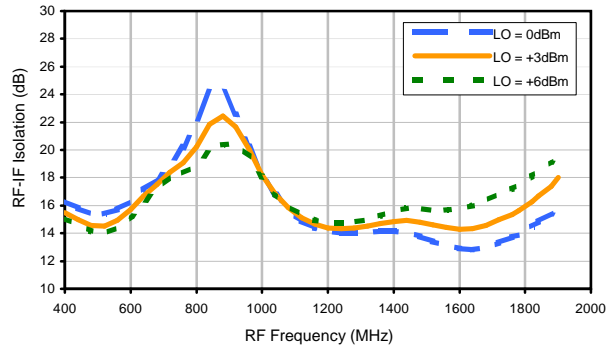
LO-RF Isolation



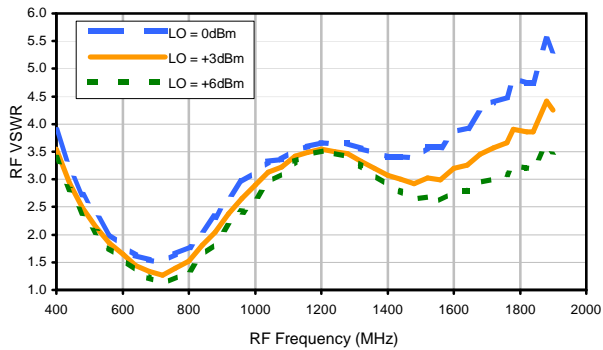
LO-IF Isolation



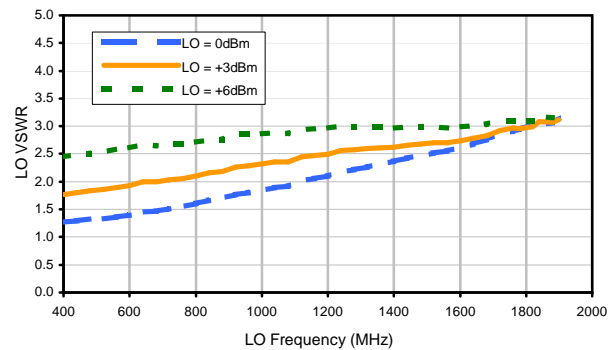
RF-IF Isolation



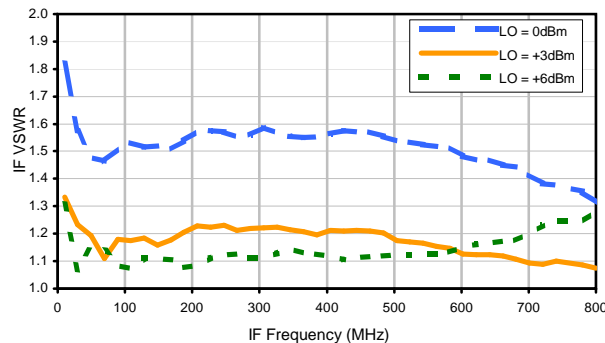
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+6	5	5	20	21	42	45	53	67	51
1	-	15	+0	26	21	30	34	41	57	54	62	66
2	112	42	36	42	36	49	51	52	76	72	75	73
3	117	67	58	57	74	64	68	69	72	70	92	81
4	116	89	87	93	79	73	79	79	83	96	100	102
5	115	108	91	94	90	94	74	88	93	97	100	98
6	109	101	103	94	103	101	95	83	91	97	100	95
7	108	101	94	100	94	93	88	86	85	91	96	96
8	120	97	96	97	105	104	104	94	95	80	90	93
9	109	105	106	95	99	103	101	101	92	96	80	87
10	124	101	101	96	106	107	105	92	103	91	87	104
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 900.1 MHz; -18.00 dBm.
 LO IN: 930.01 MHz; +3.00 dBm
 IF OUT: 29.91 MHz; -24.29 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	2	16	17	36	32	56	58	72	78	73
1	-	15	+0	27	23	33	39	51	62	74	69	84
2	99	32	27	36	26	40	43	47	57	75	75	75
3	116	45	39	38	45	51	50	51	56	59	84	74
4	111	58	61	53	56	48	61	57	63	64	80	91
5	110	72	62	65	56	54	60	58	71	66	86	72
6	107	91	87	73	76	85	63	62	68	69	81	82
7	122	98	120	88	92	85	76	75	71	74	87	78
8	105	99	97	100	97	87	100	82	79	78	82	86
9	113	105	108	106	109	103	97	105	95	83	81	89
10	107	109	113	114	119	117	100	105	99	94	97	91
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 900.1 MHz; -8.00 dBm.
 LO IN: 930.01 MHz; +3.00 dBm
 IF OUT: 29.91 MHz; -14.42 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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