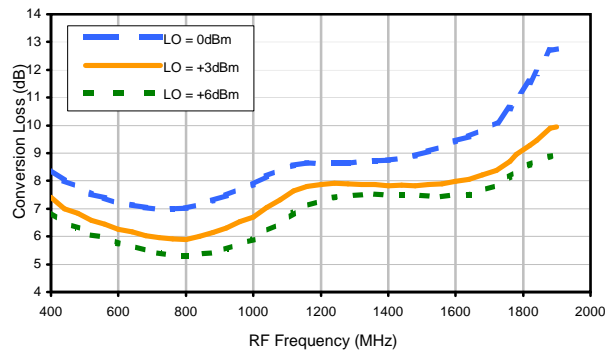
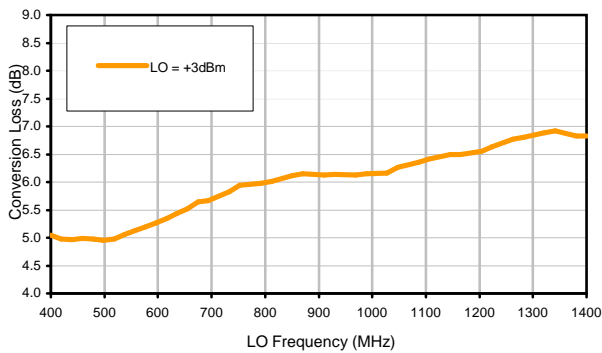


Typical Performance Curves

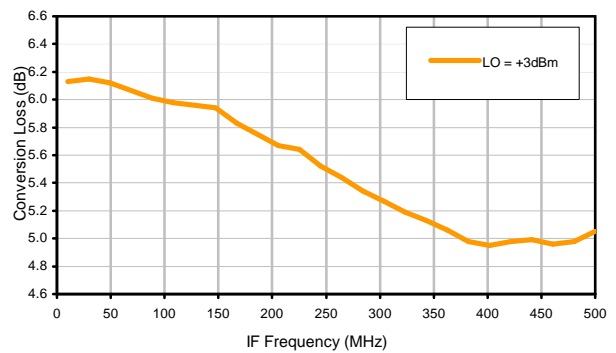
Conversion Loss @ IF=30MHz



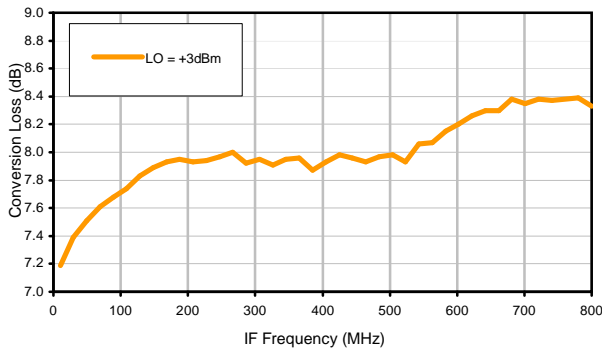
Conversion Loss vs. LO @ RF=900.1MHz



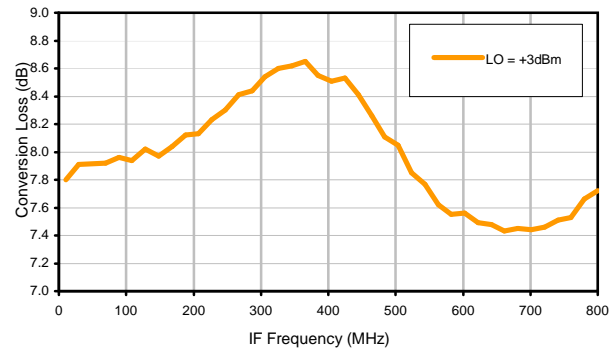
Conversion Loss vs. IF @ RF=900.1MHz



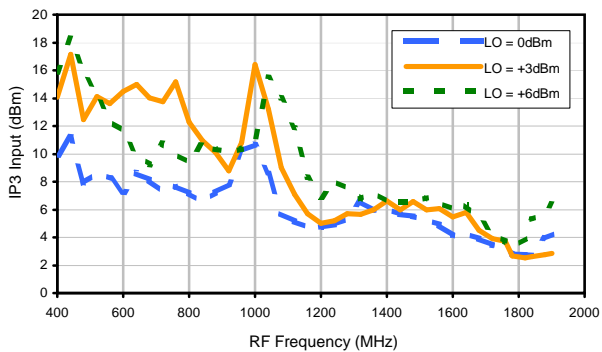
Conversion Loss vs. IF @ RF=400.1MHz



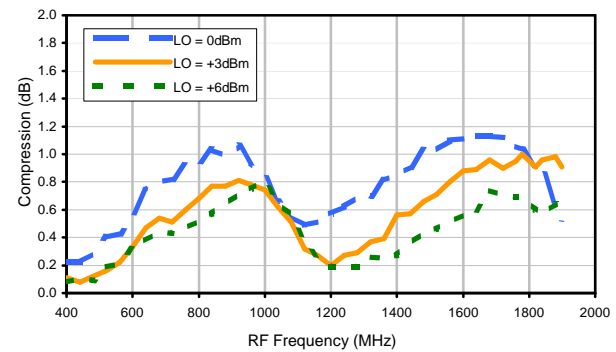
Conversion Loss vs. IF @ RF=1400.1MHz



IP3 Input

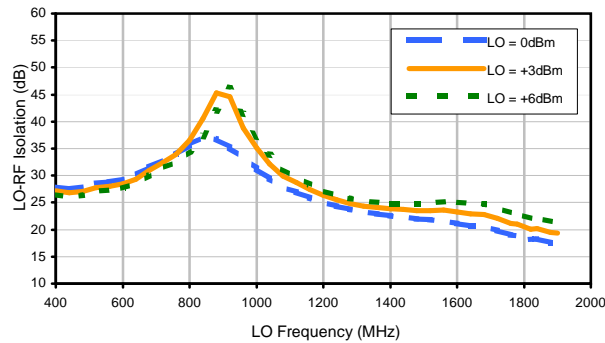


Compression @ RF IN=-3dBm

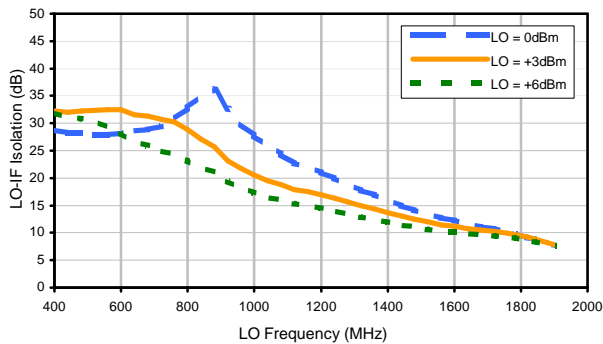


Typical Performance Curves

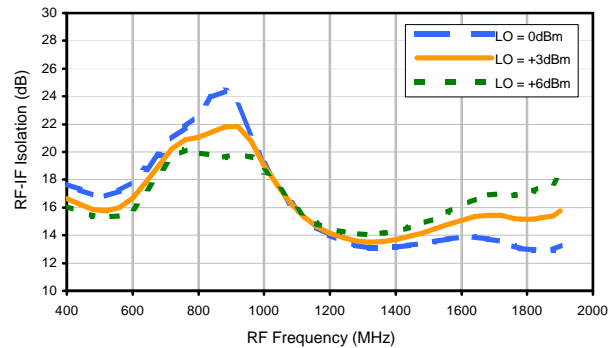
LO-RF Isolation



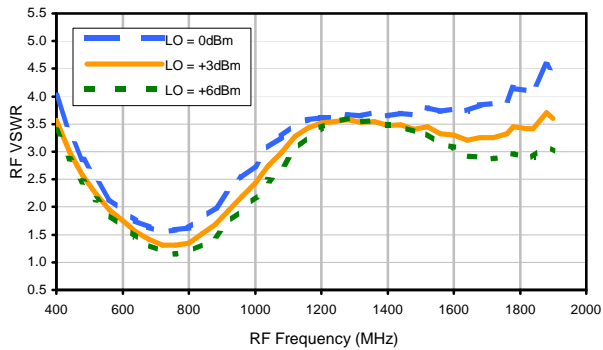
LO-IF Isolation



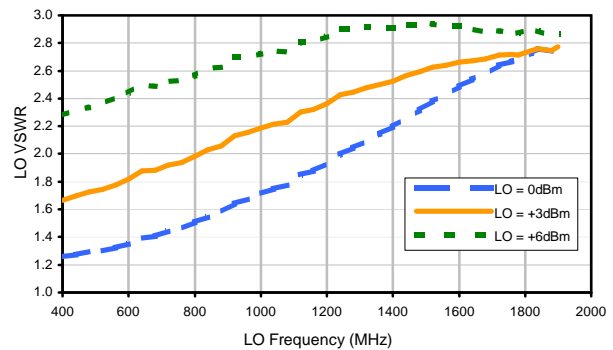
RF-IF Isolation



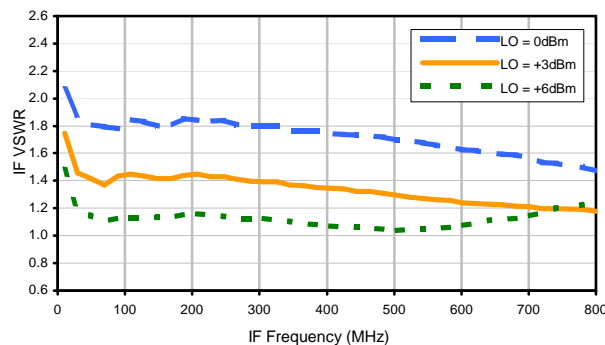
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+5	4	11	21	22	39	40	54	50	60
1	-	15	+0	25	19	38	39	43	51	55	70	67
2	112	43	33	48	35	47	55	57	72	70	71	85
3	117	76	59	61	59	65	66	73	83	73	89	84
4	116	91	94	83	78	77	74	88	87	87	93	91
5	115	96	95	102	85	90	77	91	92	110	97	99
6	109	105	111	94	100	89	90	77	84	90	95	100
7	108	100	99	100	97	97	105	89	92	83	92	100
8	120	97	99	108	98	98	99	103	92	85	86	103
9	109	98	102	95	112	102	99	100	94	88	95	94
10	124	94	102	92	106	107	94	106	100	102	88	86
	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; -24.36 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	4	16	22	35	33	52	53	64	66	73
1	-	15	+0	26	21	41	43	54	56	68	72	77
2	99	33	25	38	26	38	49	50	64	71	72	85
3	116	54	41	40	43	59	48	58	61	59	75	73
4	111	58	65	61	63	53	60	56	66	68	83	83
5	110	69	67	73	57	55	58	59	69	68	86	72
6	107	88	79	69	86	75	61	65	67	68	81	80
7	122	101	89	86	82	97	73	73	69	74	82	80
8	105	103	111	99	94	84	93	89	75	76	81	81
9	113	109	103	124	98	94	87	97	88	82	81	89
10	107	113	108	109	110	106	108	108	111	97	94	87
	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; -14.49 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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