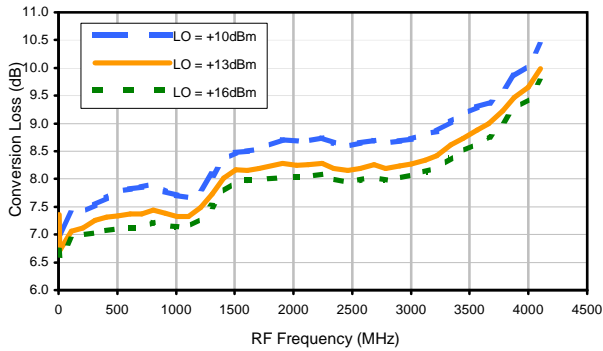
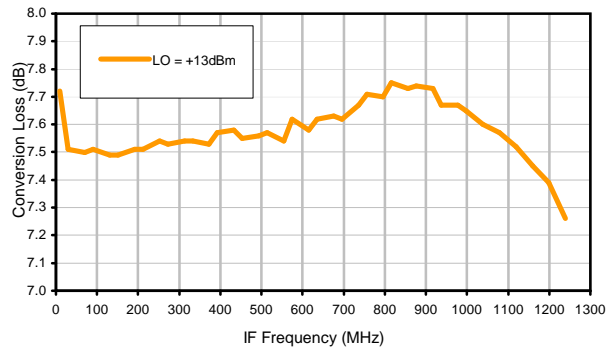


Typical Performance Curves

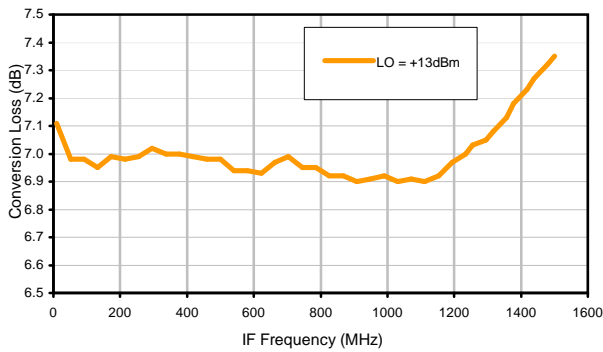
Conversion Loss @ IF=30MHz



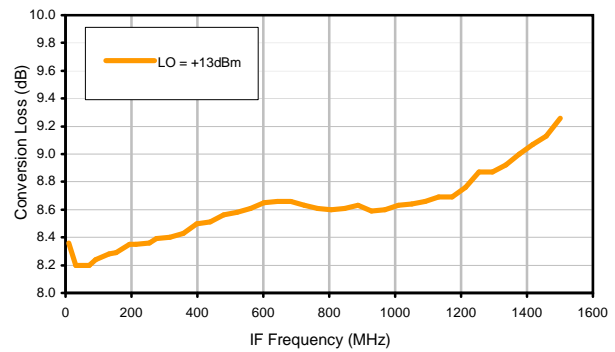
Conversion Loss vs. IF @ RF=1250MHz



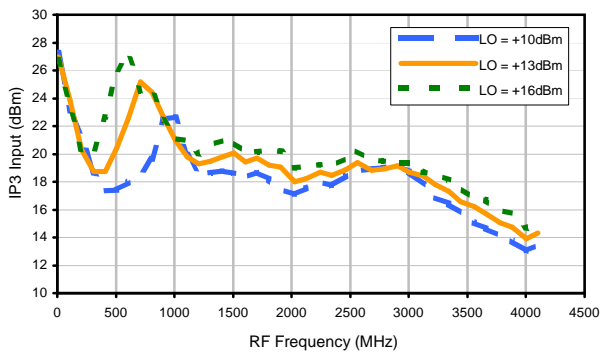
Conversion Loss vs. IF @ RF=10.1MHz



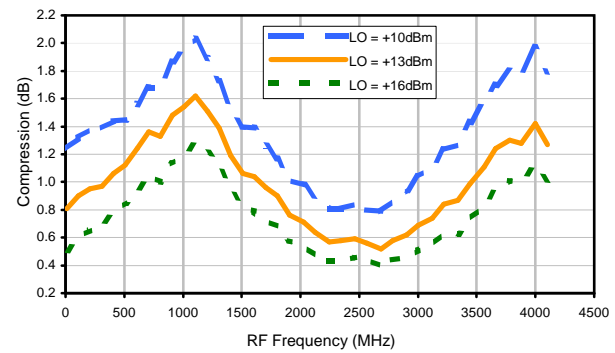
Conversion Loss vs. IF @ RF=2500.1MHz



IP3 Input

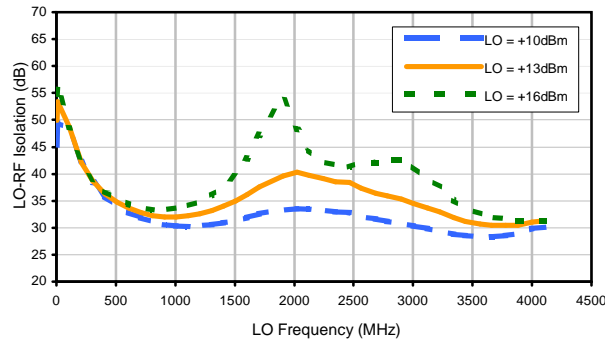


Compression @ RF IN=+9dBm

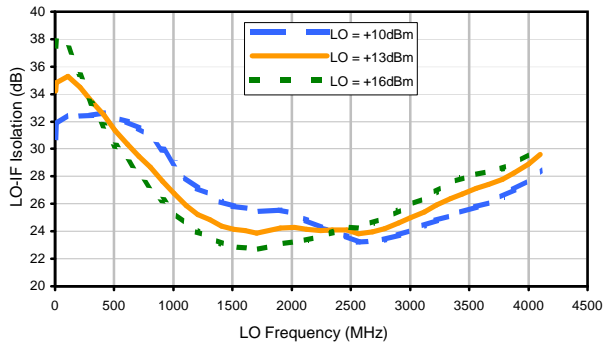


Typical Performance Curves

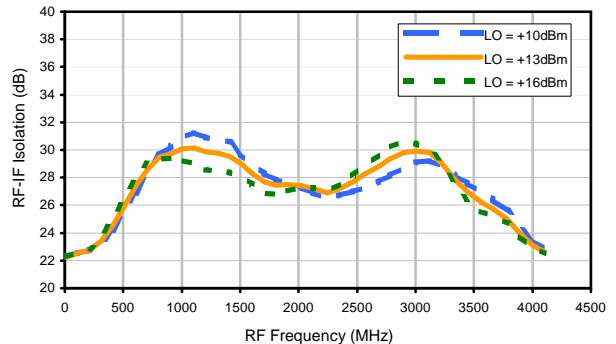
LO-RF Isolation



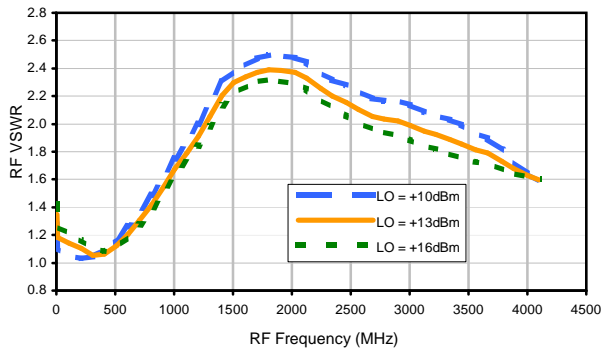
LO-IF Isolation



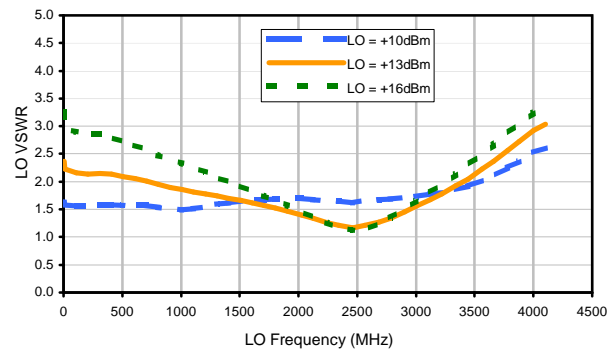
RF-IF Isolation



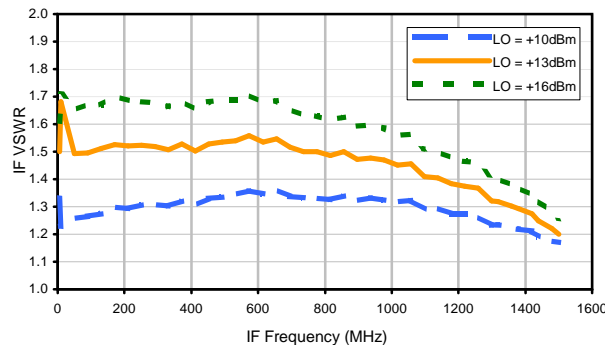
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+2	12	19	21	21	28	18	40	35	47
1	-	24	+0	32	13	38	20	42	30	39	38	39
2	86	52	55	50	57	49	54	61	61	57	48	58
3	>100	72	55	70	58	71	58	74	63	72	64	77
4	>100	>86	>86	86	>86	82	>86	80	>86	>86	>86	85
5	>100	>86	>86	>86	>86	>86	>86	>86	>86	>86	>86	>86
6	>100	>86	>86	>86	>86	>86	>86	>86	>86	>86	>86	>86
7	>100	>86	>86	>86	>86	>86	>86	>86	>86	>86	>86	>86
8	>100	>86	>86	>86	>86	>86	>86	>86	>86	>86	>86	>86
9	>100	>86	>86	>86	>86	>86	>86	>86	>86	>86	>86	>86
10	>100	>86	>86	>86	>86	>86	>86	>86	>86	>86	>86	>86
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 1250.1 MHz; -6.00 dBm.
 LO IN: 1280.01 MHz; +13.00 dBm
 IF OUT: 29.91 MHz; -13.56 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	7	22	31	34	33	45	32	61	54	67
1	-	23	+0	31	14	39	21	45	32	45	43	49
2	70	45	46	54	44	45	43	51	51	64	42	55
3	>100	49	36	50	41	59	40	56	51	58	70	55
4	>100	49	66	52	60	53	63	53	63	60	65	65
5	>100	54	49	62	54	68	51	59	53	64	59	59
6	87	64	66	65	70	83	77	76	81	68	72	67
7	>100	79	68	68	70	73	71	69	73	76	66	73
8	>100	95	80	77	80	74	86	79	>96	72	89	72
9	>100	88	>96	83	80	86	82	84	85	79	76	76
10	>100	96	92	>96	89	92	95	90	90	>96	89	83
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 1250.1 MHz; 4.00 dBm.
 LO IN: 1280.01 MHz; +13.00 dBm
 IF OUT: 29.91 MHz; -3.8 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.

