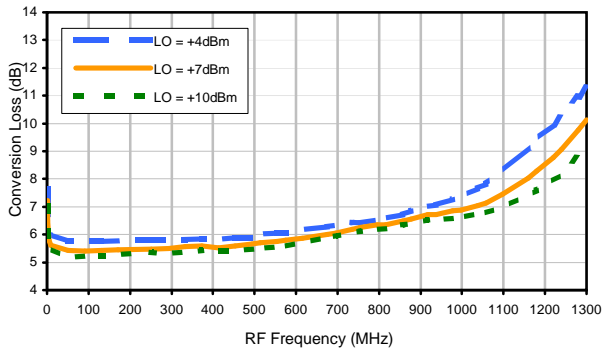
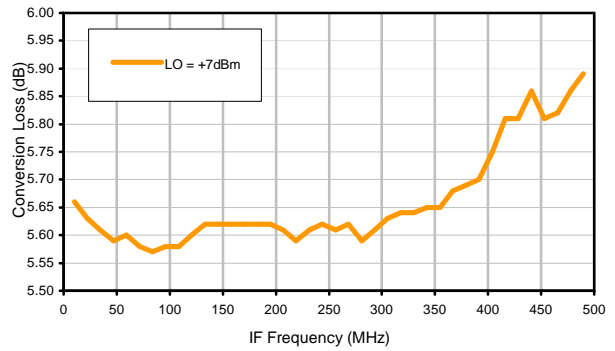


Typical Performance Curves

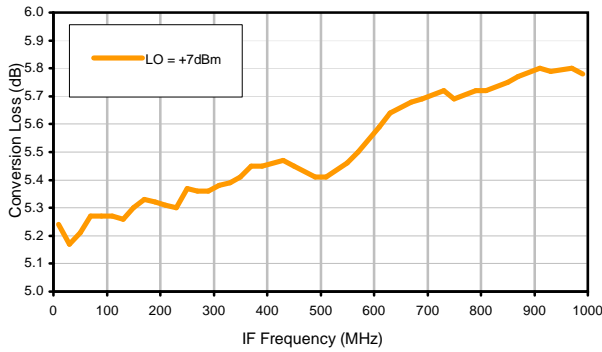
Conversion Loss @ IF=30MHz



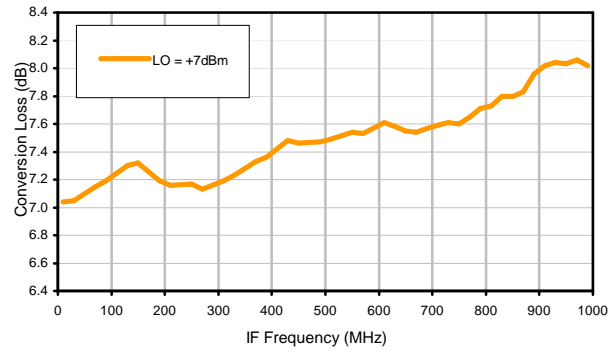
Conversion Loss vs. IF @ RF=500.1MHz



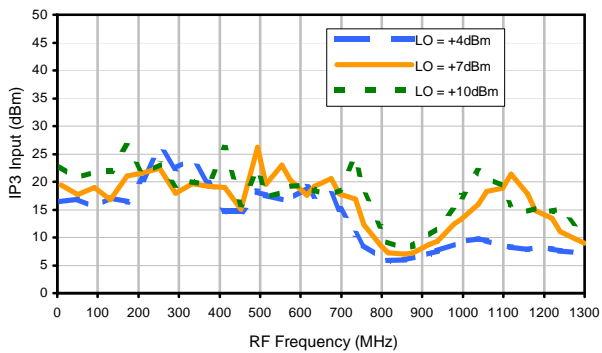
Conversion Loss vs. IF @ RF=10.1MHz



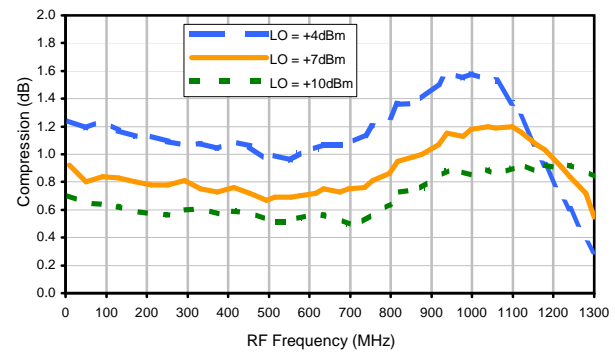
Conversion Loss vs. IF @ RF=1000.1MHz



IP3 Input

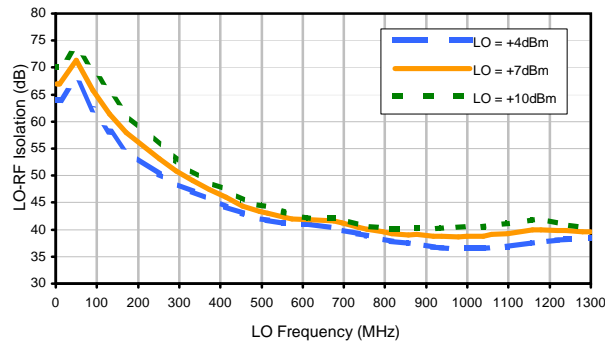


Compression @ RF IN=+1dBm

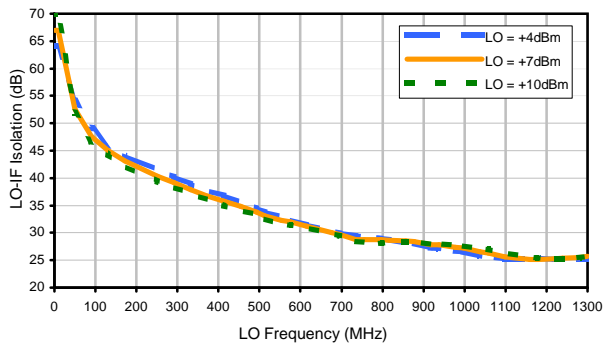


Typical Performance Curves

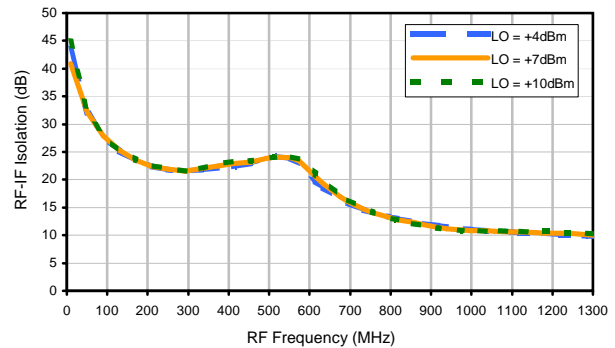
LO-RF Isolation



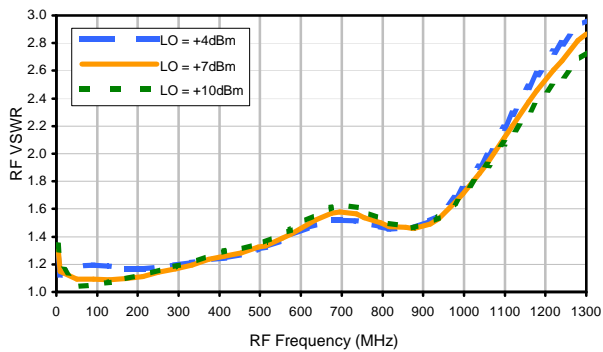
LO-IF Isolation



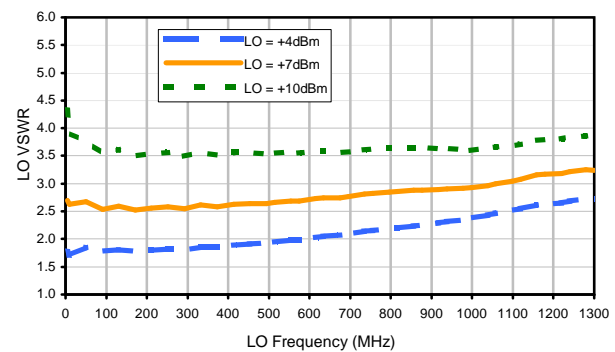
RF-IF Isolation



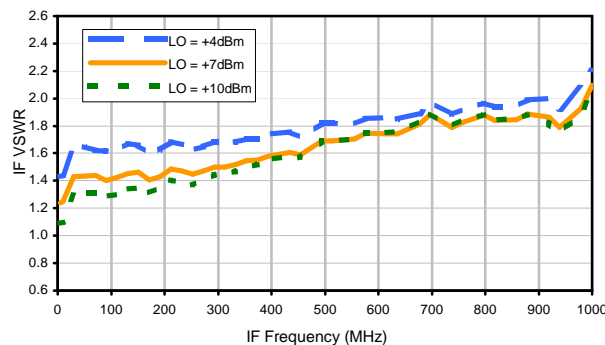
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	6	21	17	26	35	34	29	41	30	66
1	-	18	+0	23	11	27	20	40	44	38	47	46
2	>100	58	50	56	51	65	50	56	64	70	67	63
3	>100	>80	74	76	73	72	67	75	77	79	77	70
4	>100	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
5	>100	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
6	>100	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
7	>100	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
8	>100	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
9	>100	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
10	>100	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
	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; -19.71 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	16	33	30	39	55	48	41	59	44	70
1	-	18	+0	24	12	28	21	44	44	45	63	54
2	96	49	42	52	43	60	45	51	57	59	58	71
3	>100	56	52	52	47	49	41	51	45	58	63	51
4	>100	65	70	60	61	59	61	63	54	61	68	72
5	>100	79	67	81	61	69	56	64	56	79	62	80
6	>100	>90	85	86	87	80	73	80	71	75	76	76
7	>100	86	>90	>90	81	85	86	83	79	79	71	>90
8	>100	>90	>90	>90	>90	89	>90	86	87	85	84	87
9	>100	>90	>90	>90	>90	>90	>90	>90	>90	>90	86	>90
10	>100	>90	>90	>90	>90	>90	>90	>90	>90	>90	>90	>90
	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; -9.9 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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