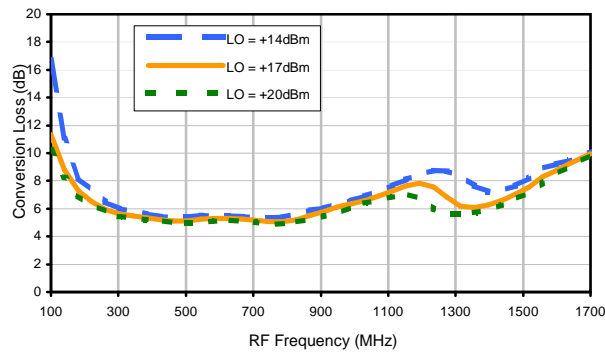
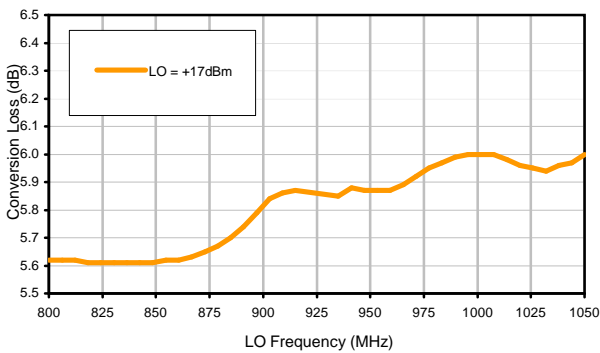


Typical Performance Curves

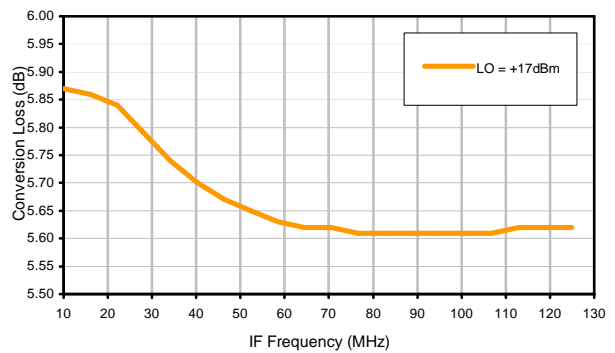
Conversion Loss @ IF=30MHz



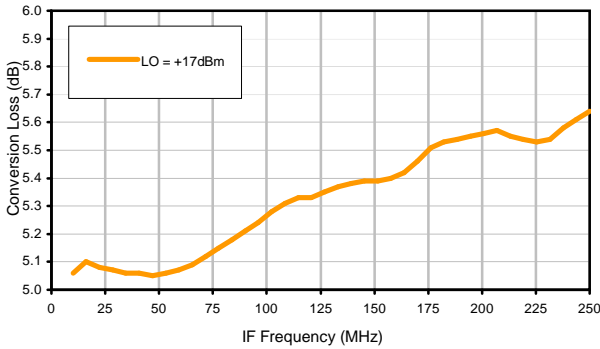
Conversion Loss vs. LO @ RF=925.1MHz



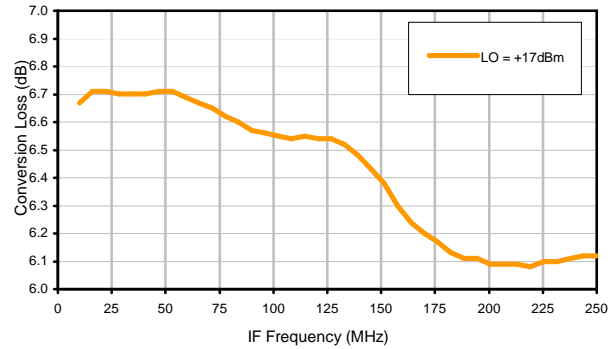
Conversion Loss vs. IF @ RF=925.1MHz



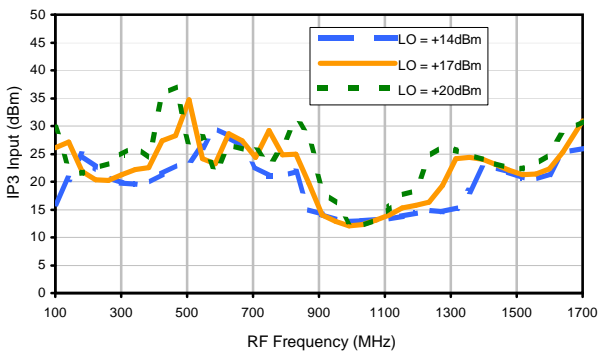
Conversion Loss vs. IF @ RF=800.1MHz



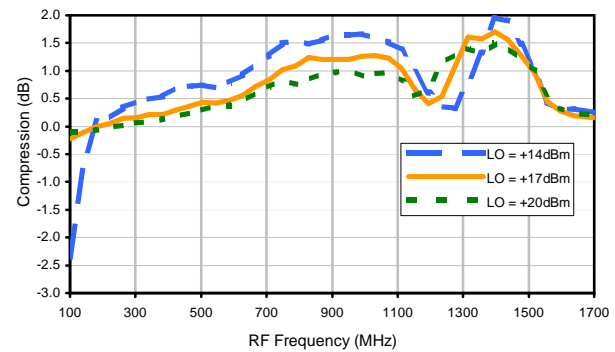
Conversion Loss vs. IF @ RF=1050.1MHz



IP3 Input

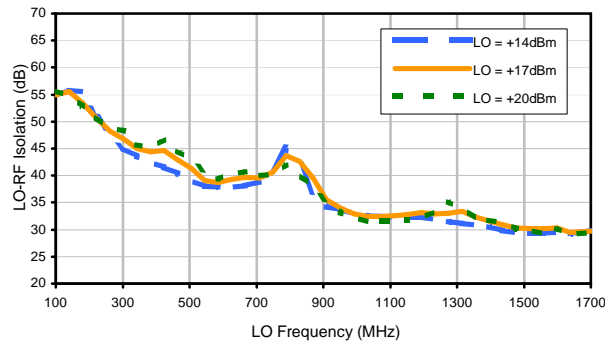


Compression @ RF IN=+14dBm

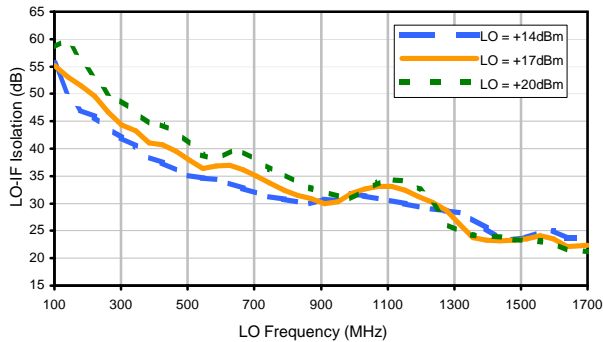


Typical Performance Curves

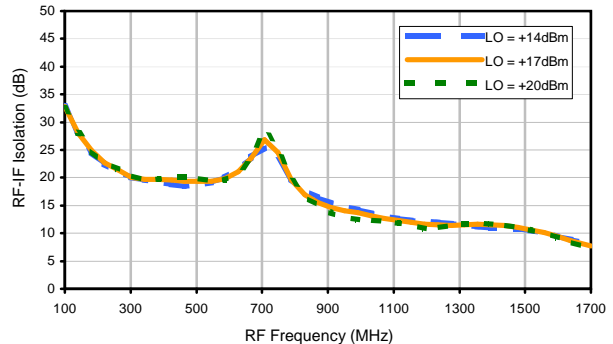
LO-RF Isolation



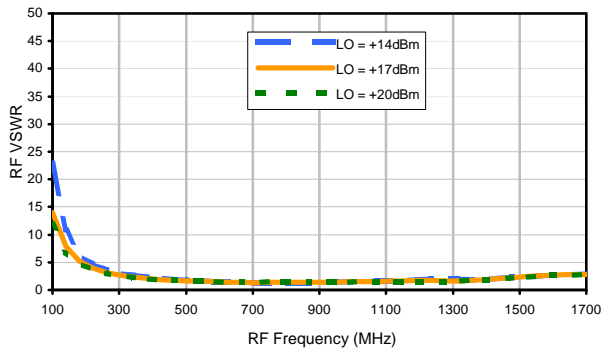
LO-IF Isolation



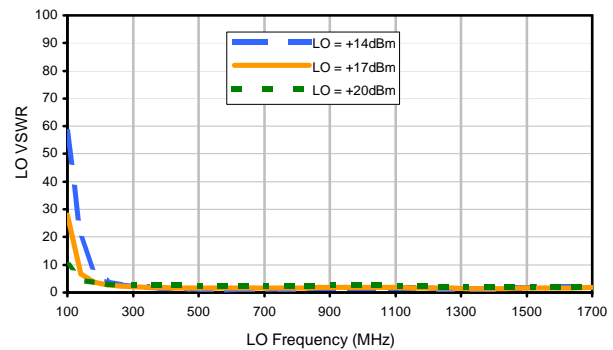
RF-IF Isolation



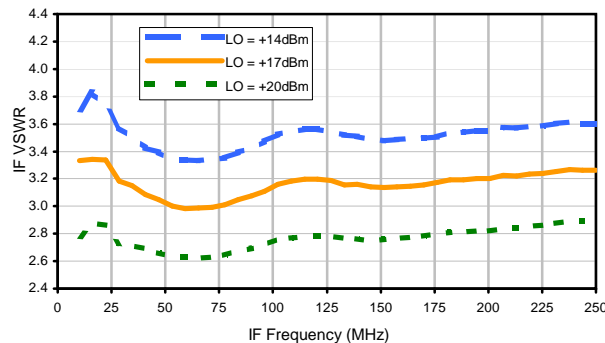
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	8	24	9	19	22	44	36	65	35	43
1	-	9	+0	16	15	26	31	26	48	44	49	42
2	93	37	35	38	35	43	40	43	59	50	58	55
3	>100	73	35	37	36	35	42	48	45	46	57	72
4	>100	64	62	51	64	51	59	55	58	59	63	65
5	>100	73	72	69	57	52	60	49	66	69	62	68
6	>100	77	68	77	75	61	72	61	66	66	73	70
7	>100	>93	82	77	82	78	69	66	73	62	69	86
8	>100	>93	>93	86	84	>93	85	71	73	73	71	78
9	>100	>93	>93	>93	91	85	>93	87	76	80	77	78
10	>100	>93	>93	>93	>93	92	>93	>93	90	83	82	84
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 920.1 MHz; -1.00 dBm.
 LO IN: 950.01 MHz; +17.00 dBm
 IF OUT: 29.91 MHz; -7.02 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	17	41	21	30	32	48	45	53	49	62
1	-	9	+0	20	16	37	45	32	43	48	51	45
2	77	42	34	52	35	41	43	55	41	59	62	76
3	>100	47	28	31	30	31	41	46	56	42	55	57
4	>100	54	53	49	47	51	44	47	58	58	51	67
5	>100	64	50	52	41	39	43	39	55	59	56	52
6	>100	62	57	67	63	55	59	54	52	51	64	71
7	>100	67	63	73	60	55	54	45	61	46	63	68
8	>100	82	83	71	62	71	73	58	65	57	60	57
9	>100	73	73	73	66	65	67	60	58	53	65	55
10	>100	78	83	83	84	87	66	73	82	62	65	61
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 920.1 MHz; 9.00 dBm.
 LO IN: 950.01 MHz; +17.00 dBm
 IF OUT: 29.91 MHz; 2.81 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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