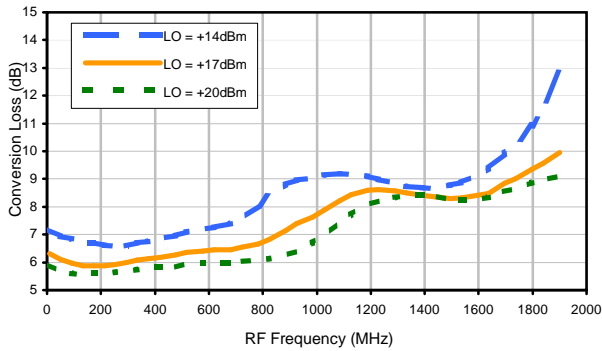
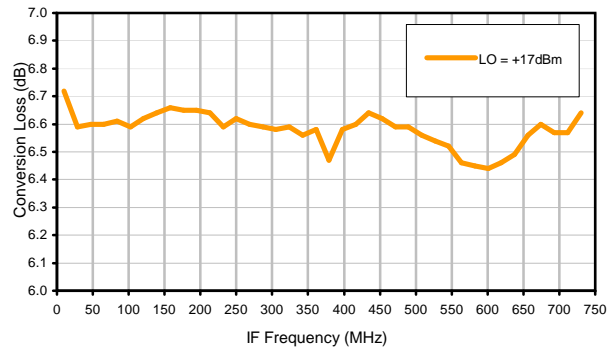


Typical Performance Curves

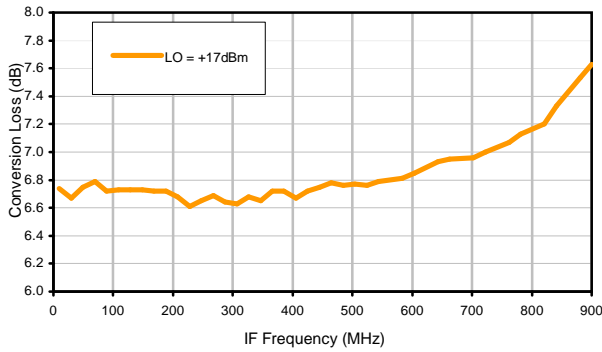
Conversion Loss @ IF=30MHz



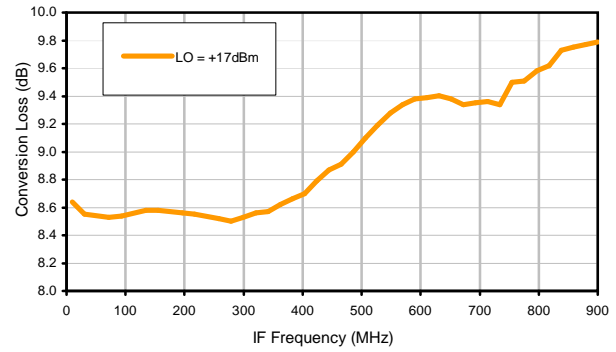
Conversion Loss vs. IF @ RF=750.1MHz



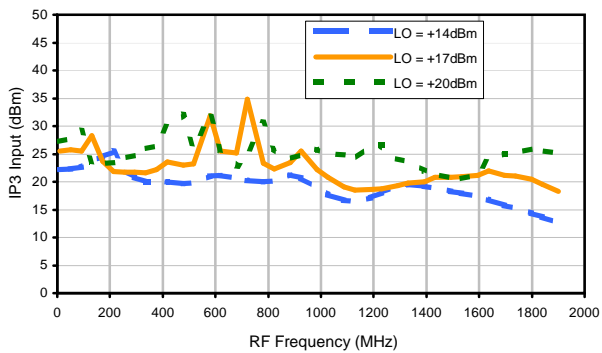
Conversion Loss vs. IF @ RF=10.1MHz



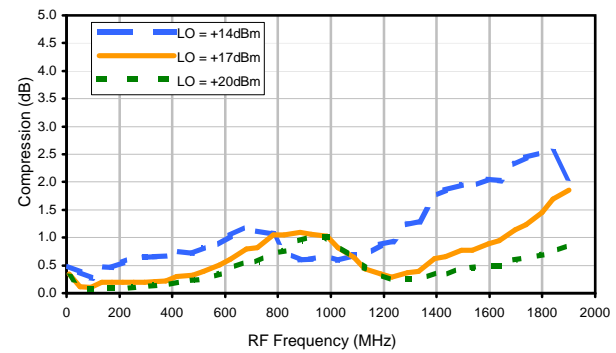
Conversion Loss vs. IF @ RF=1500.1MHz



IP3 Input

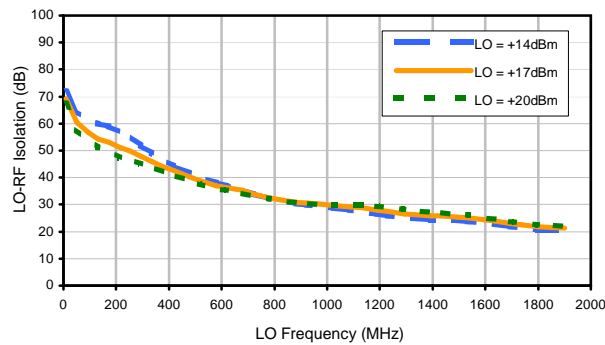


Compression @ RF IN=+14dBm

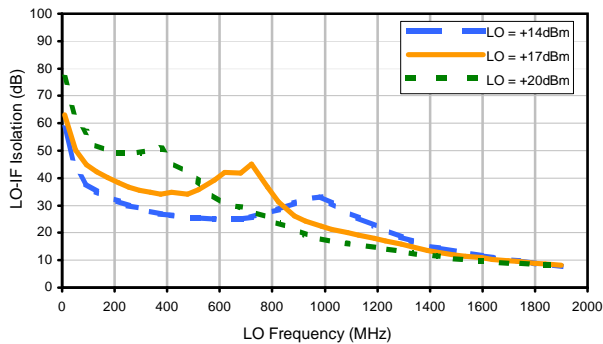


Typical Performance Curves

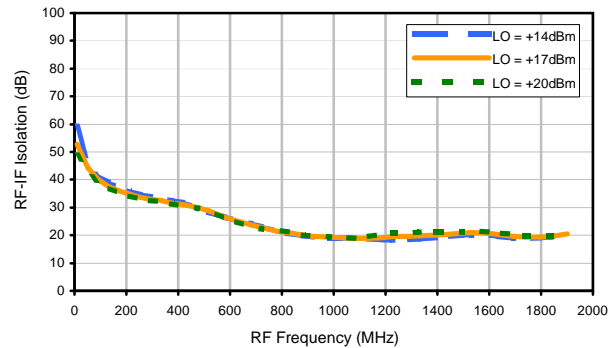
LO-RF Isolation



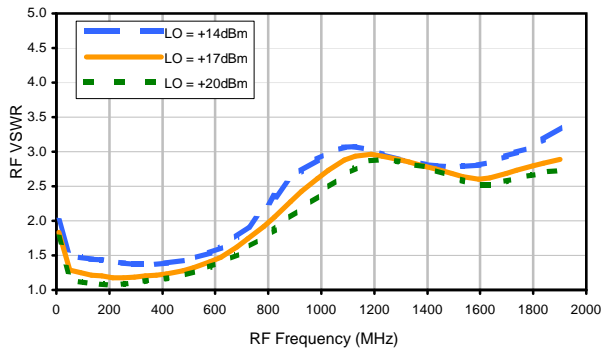
LO-IF Isolation



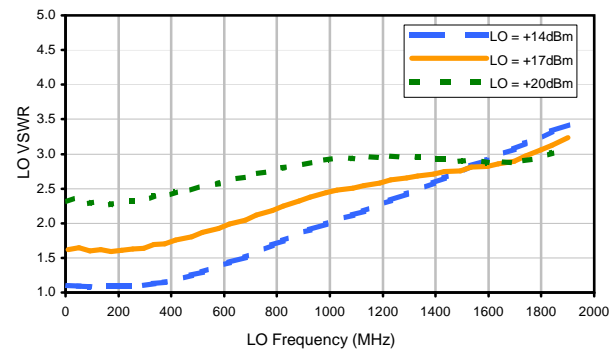
RF-IF Isolation



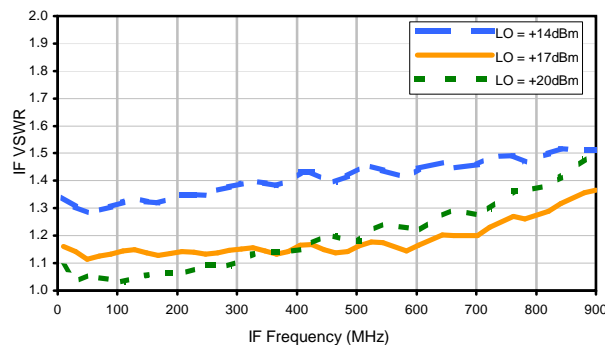
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	11	18	5	30	14	31	22	36	35	38
1	-	16	+0	35	19	44	35	40	30	50	42	59
2	>100	45	31	44	29	54	44	51	53	56	57	58
3	>100	72	56	54	51	54	58	74	55	66	57	72
4	>100	83	81	71	61	65	59	68	78	71	77	79
5	>100	>92	>92	>92	76	77	69	75	74	86	76	81
6	>100	>92	>92	>92	>92	91	87	83	81	89	>92	>92
7	>100	>92	>92	>92	>92	>92	>92	91	90	90	>92	>92
8	>100	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92
9	>100	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92
10	>100	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 750.1 MHz; -1.00 dBm.
 LO IN: 780.01 MHz; +17.00 dBm
 IF OUT: 29.91 MHz; -7.78 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	22	30	17	48	29	48	37	53	52	59
1	-	15	+0	38	21	49	54	50	36	55	49	59
2	92	38	25	43	22	54	39	53	51	78	49	61
3	>100	53	43	42	49	46	44	59	48	57	52	68
4	>100	65	56	49	47	45	45	53	56	57	62	74
5	>100	67	59	72	55	54	54	52	61	65	56	60
6	>100	74	68	72	72	81	50	59	49	60	64	63
7	>100	80	68	77	66	76	60	67	54	61	61	69
8	>100	>102	78	97	72	85	86	71	68	73	63	74
9	>100	91	90	91	83	81	85	83	73	66	69	68
10	>100	94	102	102	89	88	86	79	81	72	75	67
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 750.1 MHz; 9.00 dBm.
 LO IN: 780.01 MHz; +17.00 dBm
 IF OUT: 29.91 MHz; 2.22 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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