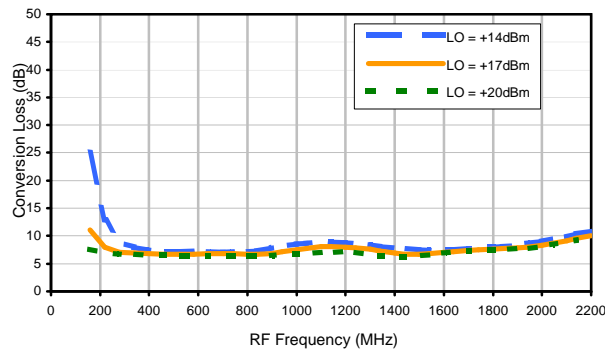
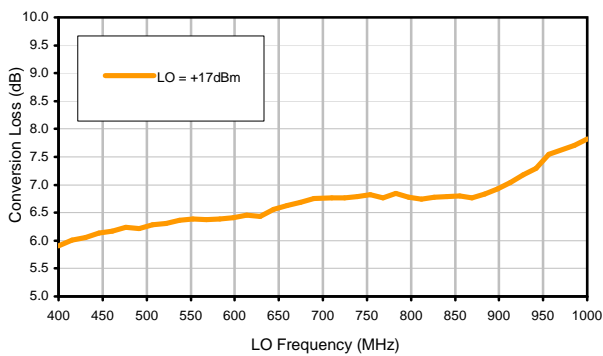


Typical Performance Curves

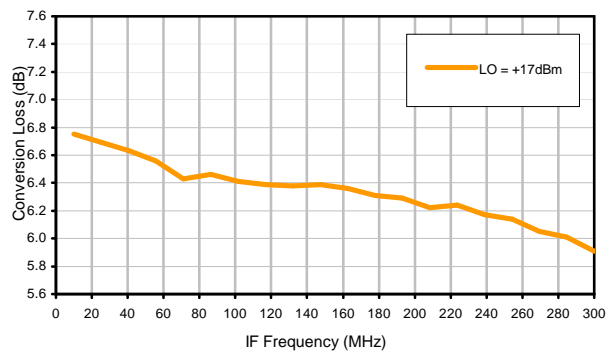
Conversion Loss @ IF=30MHz



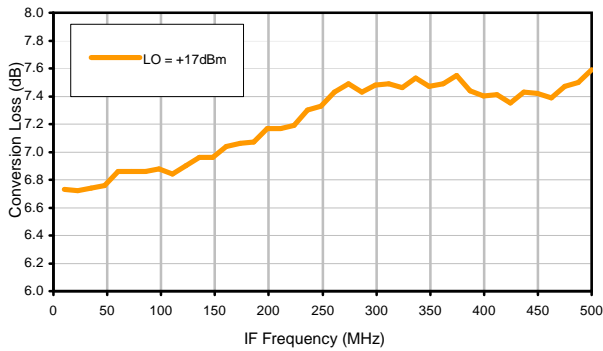
Conversion Loss vs. LO @ RF=700.1MHz



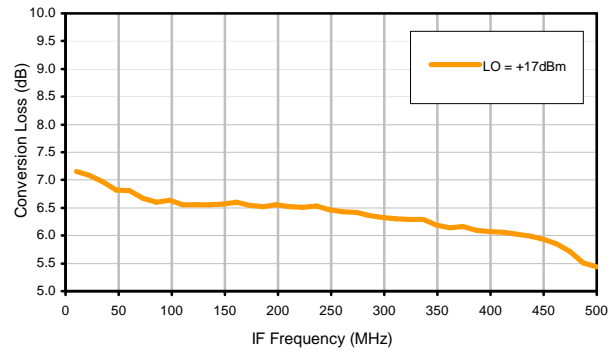
Conversion Loss vs. IF @ RF=700.1MHz



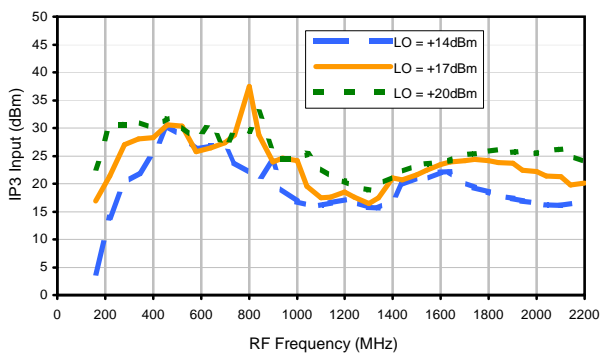
Conversion Loss vs. IF @ RF=400.1MHz



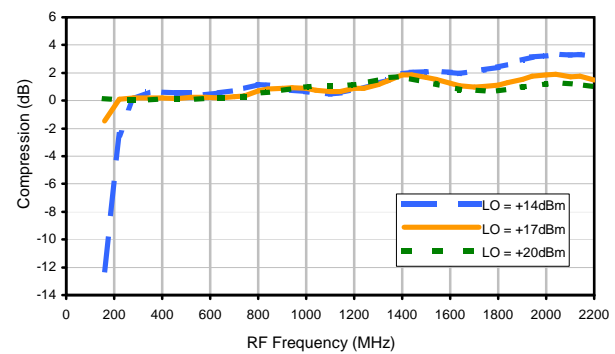
Conversion Loss vs. IF @ RF=1000.1MHz



IP3 Input

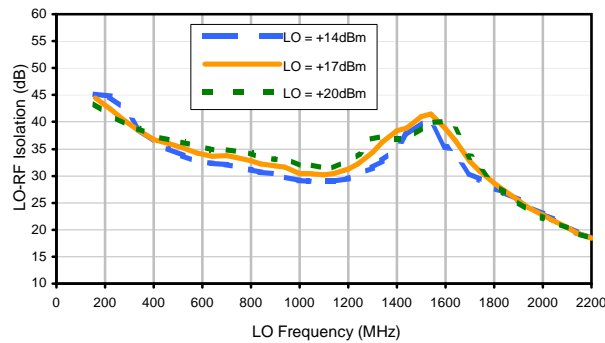


Compression @ RF IN=+14dBm

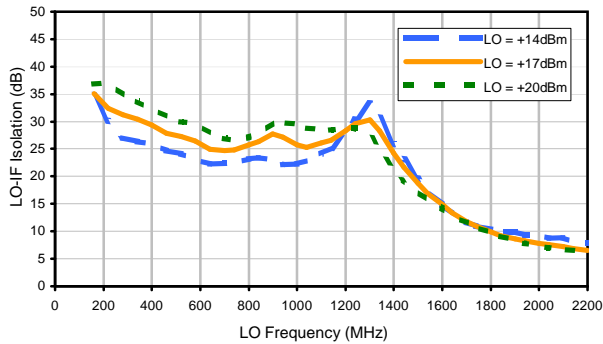


Typical Performance Curves

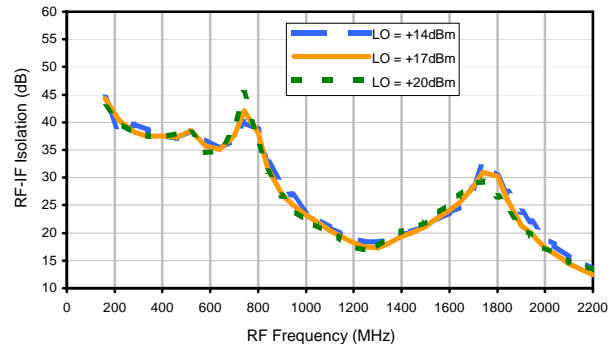
LO-RF Isolation



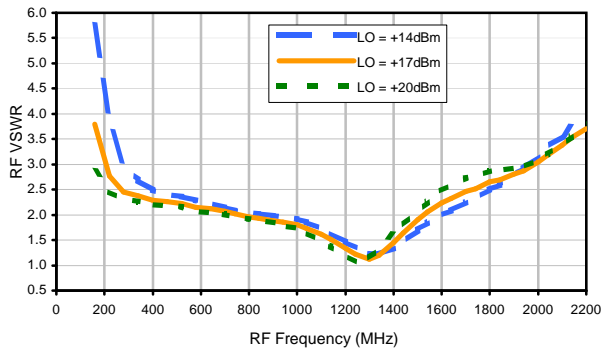
LO-IF Isolation



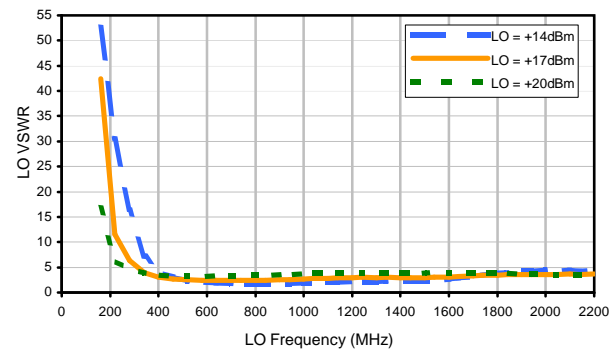
RF-IF Isolation



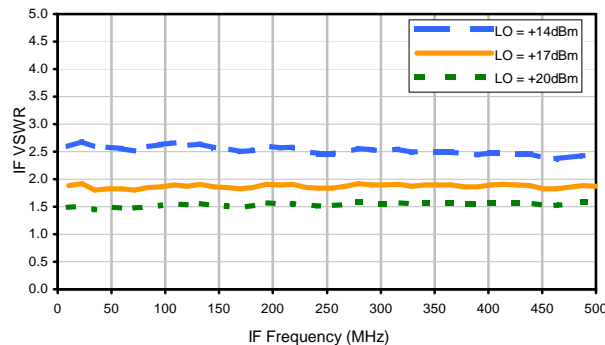
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+0	26	2	22	3	37	28	53	26	66
1	-	29	+0	42	14	26	38	40	32	59	42	56
2	93	56	39	62	42	56	39	55	41	57	53	71
3	>100	62	59	63	56	65	50	63	65	67	66	76
4	>100	86	74	86	74	88	69	80	71	79	71	80
5	>100	>92	>92	>92	88	>92	82	>92	82	89	87	>92
6	>100	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92
7	>100	>92	>92	>92	>92	>92	>92	>92	>92	>92	>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: 700.1 MHz; -1.00 dBm.
 LO IN: 730.01 MHz; +17.00 dBm
 IF OUT: 29.91 MHz; -8.04 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	12	33	14	35	16	46	34	55	36	71
1	-	32	+0	37	14	29	37	39	42	63	58	64
2	72	46	31	54	31	51	30	47	32	68	52	68
3	>100	46	41	51	45	50	36	48	51	58	46	71
4	>100	68	57	62	49	80	51	58	49	60	53	64
5	>100	72	74	68	55	61	52	63	50	61	66	64
6	>100	82	67	87	70	73	60	76	56	67	57	66
7	>100	93	76	91	85	77	83	77	78	72	66	71
8	>100	98	83	88	89	86	71	83	68	82	71	73
9	>100	>102	>102	97	95	97	87	83	79	80	76	78
10	>100	>102	>102	>102	101	91	95	93	85	84	83	84
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 700.1 MHz; 9.00 dBm.
 LO IN: 730.01 MHz; +17.00 dBm
 IF OUT: 29.91 MHz; 1.97 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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