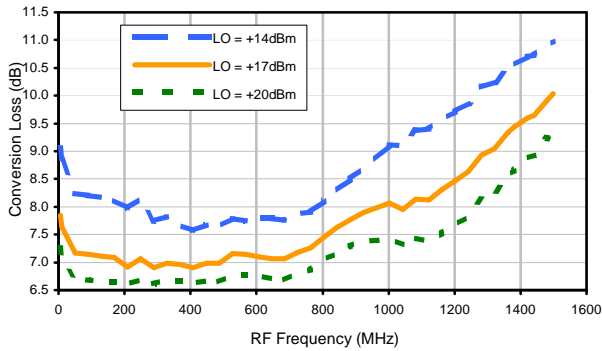
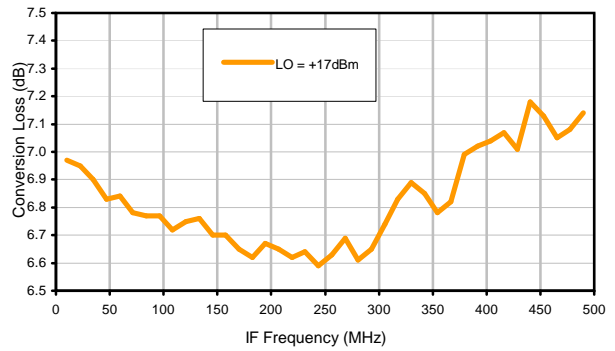


Typical Performance Curves

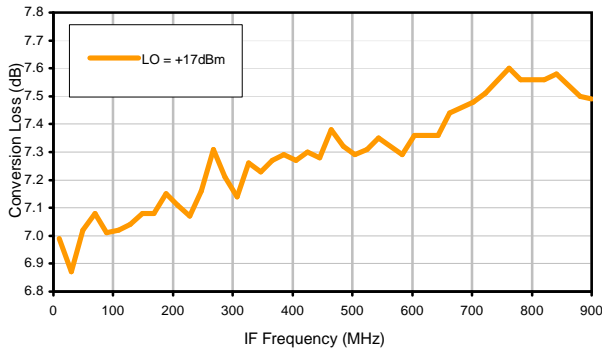
Conversion Loss @ IF=30MHz



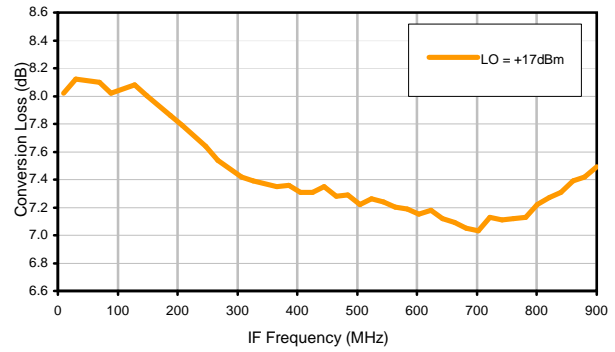
Conversion Loss vs. IF @ RF=500.1MHz



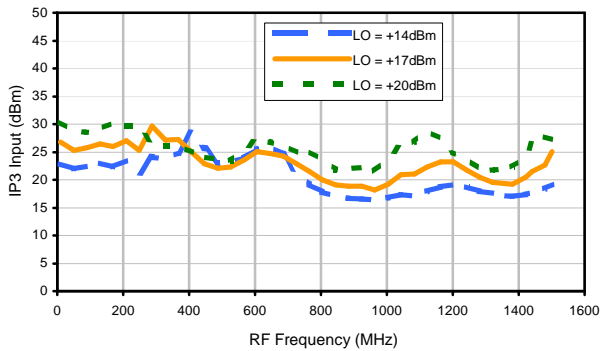
Conversion Loss vs. IF @ RF=10.1MHz



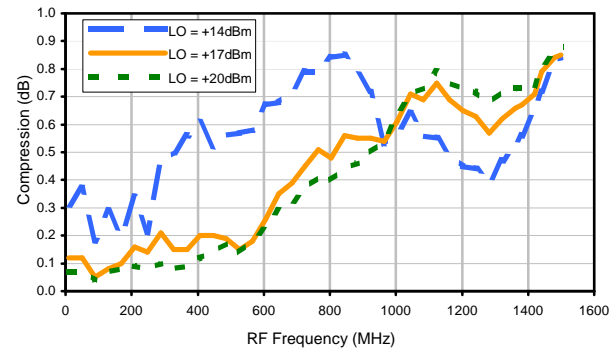
Conversion Loss vs. IF @ RF=1000.1MHz



IP3 Input

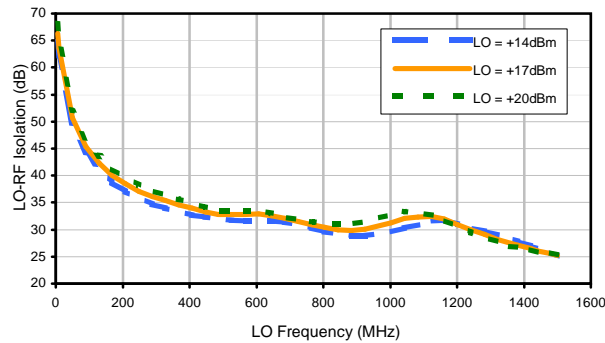


Compression @ RF IN=+14dBm

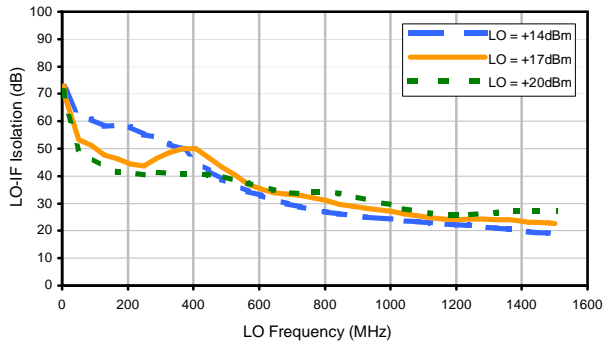


Typical Performance Curves

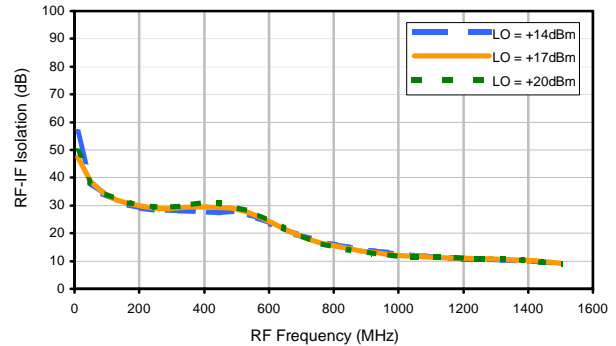
LO-RF Isolation



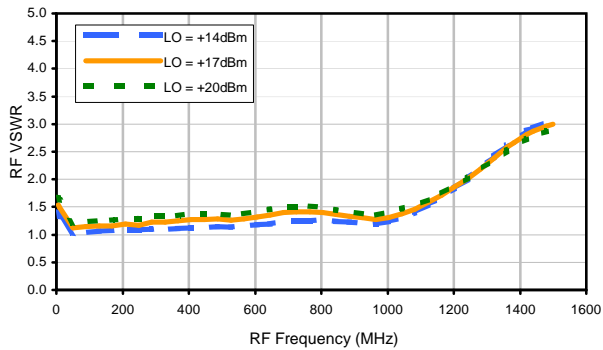
LO-IF Isolation



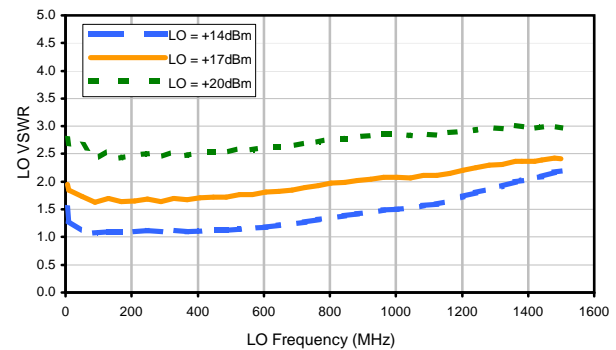
RF-IF Isolation



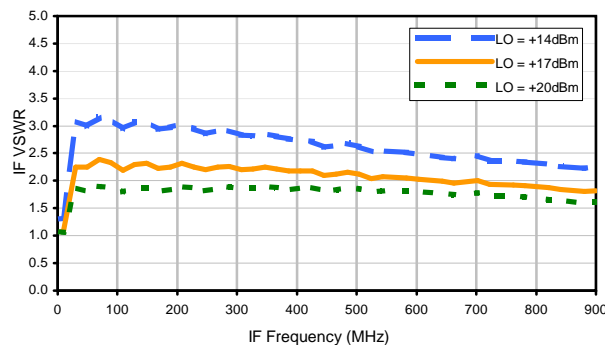
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	15	40	6	20	17	34	32	39	33	39
1	-	22	+0	28	14	30	27	36	40	42	35	48
2	96	47	43	47	43	49	41	48	54	60	63	60
3	>100	69	54	70	54	70	51	65	55	78	64	72
4	>100	78	80	81	>92	79	77	73	72	74	83	82
5	>100	>92	88	86	88	87	83	83	80	83	82	>92
6	>100	>92	>92	>92	>92	>92	>92	89	>92	91	90	>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: 500.1 MHz; -1.00 dBm.
 LO IN: 530.01 MHz; +17.00 dBm
 IF OUT: 29.91 MHz; -8.25 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	25	40	19	38	32	46	48	56	44	57
1	-	22	+0	28	14	32	26	39	47	49	41	51
2	78	44	36	44	35	48	34	44	45	65	55	59
3	>100	54	40	56	41	55	36	50	45	56	52	59
4	>100	54	55	55	54	58	54	57	51	61	74	63
5	>100	76	57	67	52	74	52	64	50	69	54	73
6	>100	81	73	71	77	67	66	66	62	65	57	65
7	>100	82	93	87	74	76	73	78	68	73	64	84
8	>100	94	94	100	86	78	78	74	73	72	70	73
9	>100	>102	101	97	>102	89	80	77	77	79	76	76
10	>100	98	101	>102	98	99	90	82	82	81	79	81
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 500.1 MHz; 9.00 dBm.
 LO IN: 530.01 MHz; +17.00 dBm
 IF OUT: 29.91 MHz; 1.7 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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