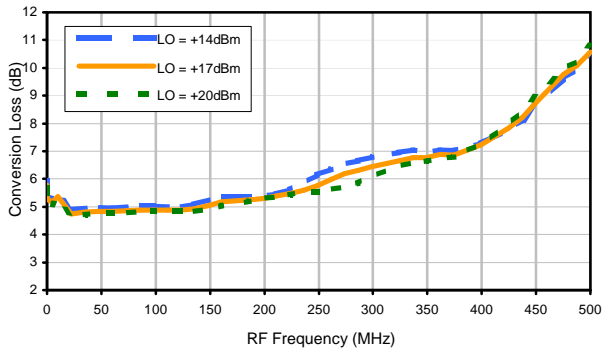
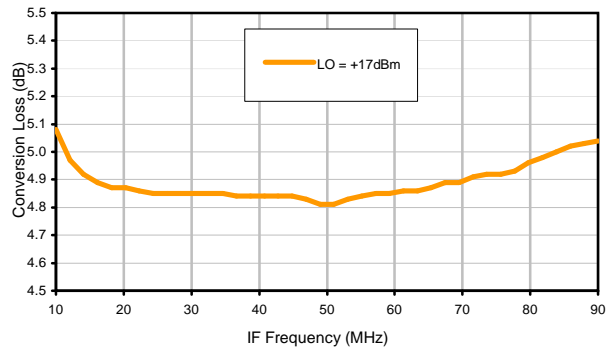


Typical Performance Curves

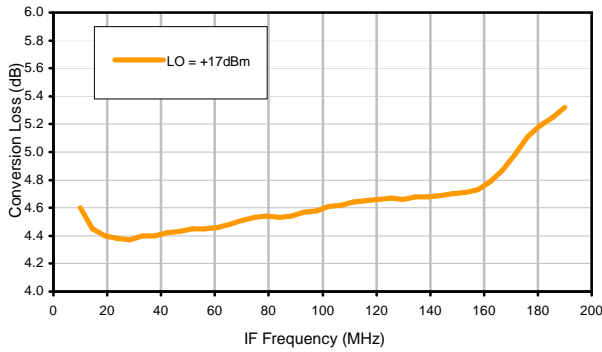
Conversion Loss @ IF=30MHz



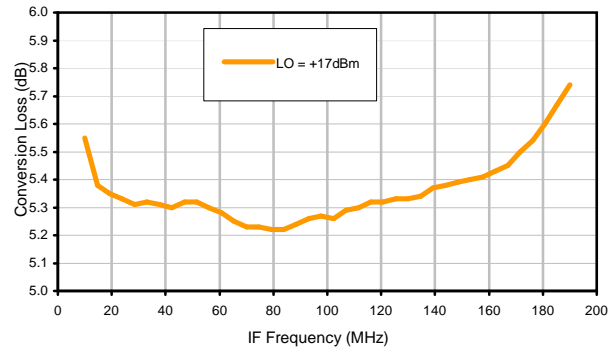
Conversion Loss vs. IF @ RF=100.1MHz



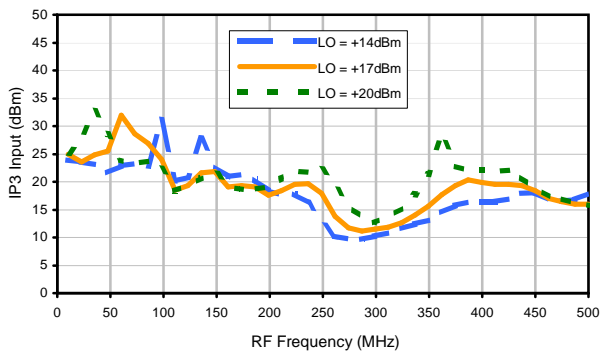
Conversion Loss vs. IF @ RF=10.1MHz



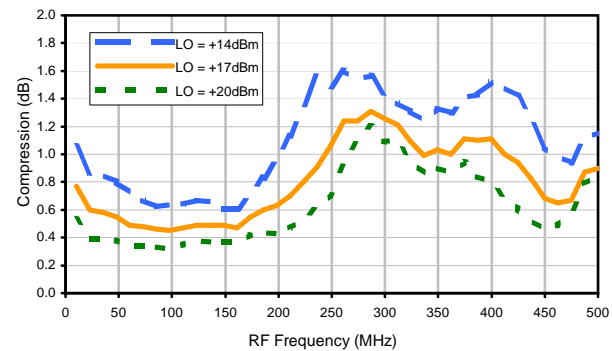
Conversion Loss vs. IF @ RF=200.1MHz



IP3 Input

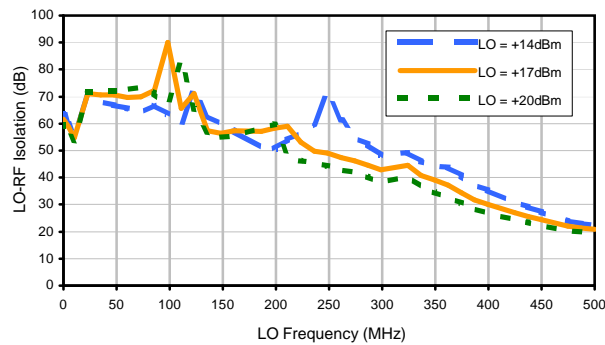


Compression @ RF IN=+10dBm

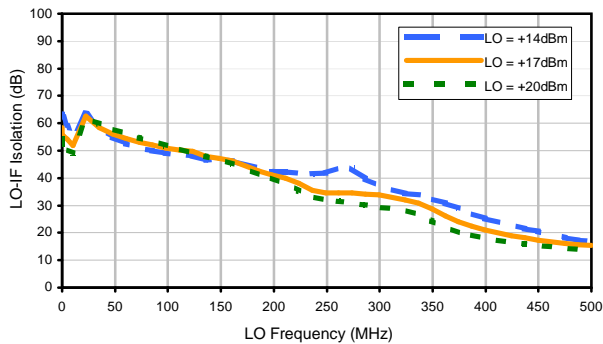


Typical Performance Curves

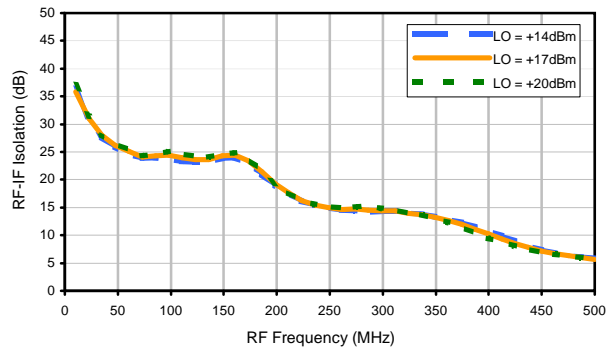
LO-RF Isolation



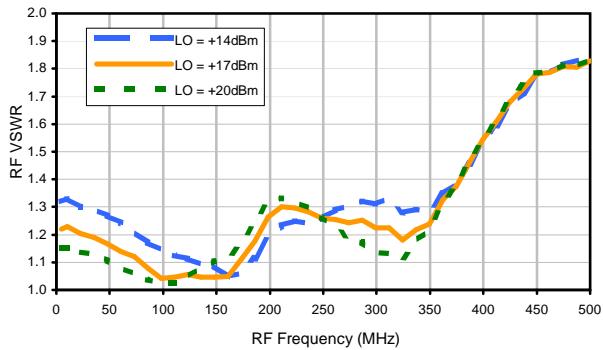
LO-IF Isolation



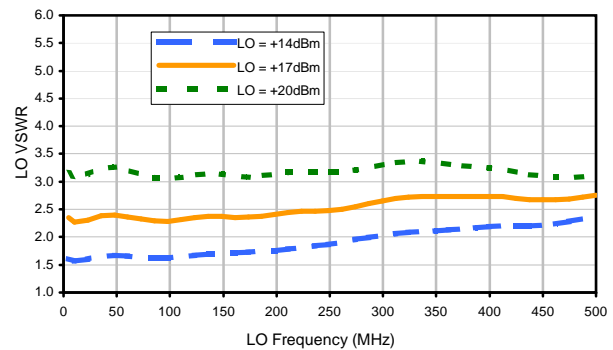
RF-IF Isolation



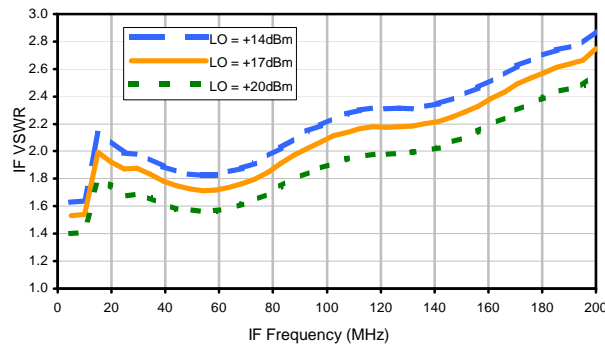
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	22	44	18	28	16	39	21	47	33	54
1	-	19	+0	27	12	43	18	37	37	51	39	48
2	>100	61	51	63	51	62	51	66	56	65	60	70
3	>100	60	56	62	62	65	58	60	66	68	59	72
4	>100	90	79	>90	69	77	77	83	77	>90	>90	87
5	>100	87	84	85	88	75	88	90	85	83	80	>90
6	>100	>90	>90	>90	>90	>90	86	>90	>90	>90	>90	>90
7	>100	>90	>90	>90	>90	>90	85	87	>90	>90	>90	>90
8	>100	>90	>90	>90	>90	>90	>90	77	85	>90	>90	>90
9	>100	>90	>90	>90	>90	>90	>90	>90	66	>90	>90	>90
10	>100	>90	>90	>90	>90	>90	>90	>90	85	79	>90	>90
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 100.1 MHz; -5.00 dBm.
 LO IN: 130.01 MHz; +17.00 dBm
 IF OUT: 29.91 MHz; -9.82 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	30	59	29	38	28	53	33	59	46	63
1	-	20	+0	28	12	42	19	40	35	55	42	60
2	86	60	51	61	52	63	49	60	50	62	54	70
3	>100	48	44	55	45	53	43	50	47	53	55	61
4	>100	72	62	70	62	71	61	72	61	75	71	73
5	>100	68	59	63	62	62	59	64	58	60	62	69
6	>100	97	74	91	74	84	73	87	73	85	72	89
7	>100	81	77	76	67	70	71	74	70	71	73	74
8	>100	>100	89	>100	86	94	86	96	83	94	82	>100
9	>100	99	82	85	88	81	83	77	80	82	80	78
10	>100	>100	>100	>100	97	>100	93	>100	86	85	89	94
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 100.1 MHz; 5.00 dBm.
 LO IN: 130.01 MHz; +17.00 dBm
 IF OUT: 29.91 MHz; .09 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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 Page 3 of 3



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