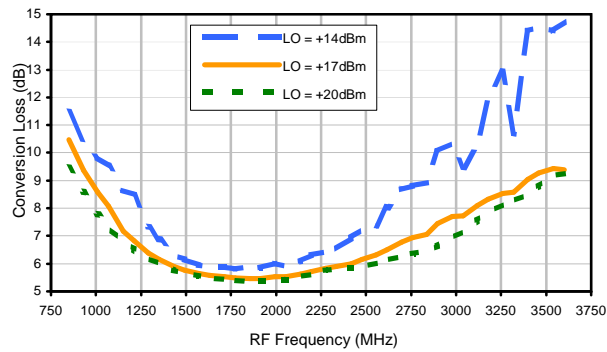
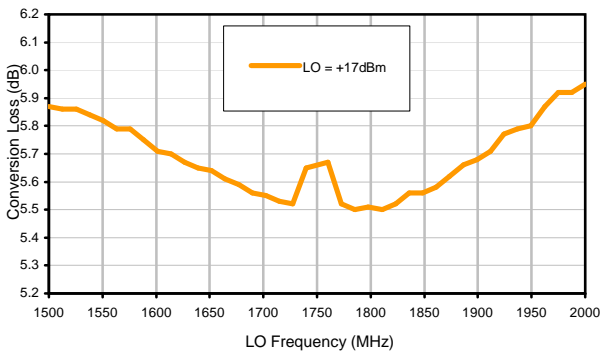


Typical Performance Curves

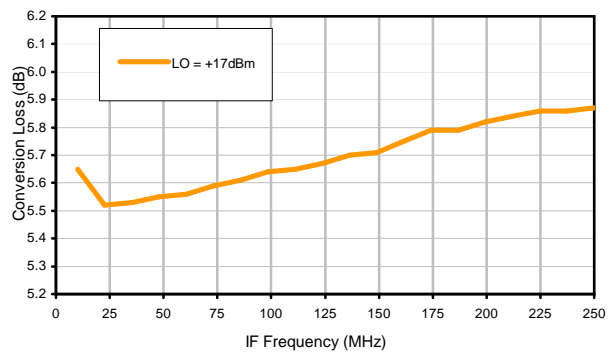
Conversion Loss @ IF=30MHz



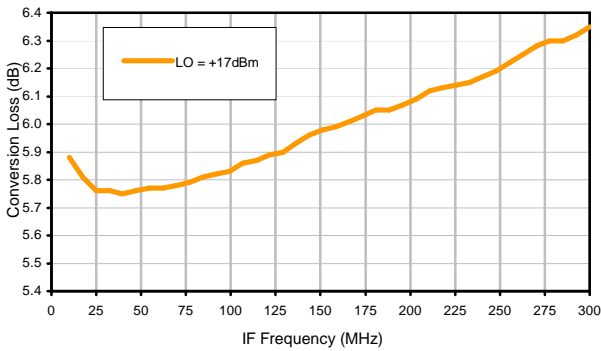
Conversion Loss vs. LO @ RF=1750.1MHz



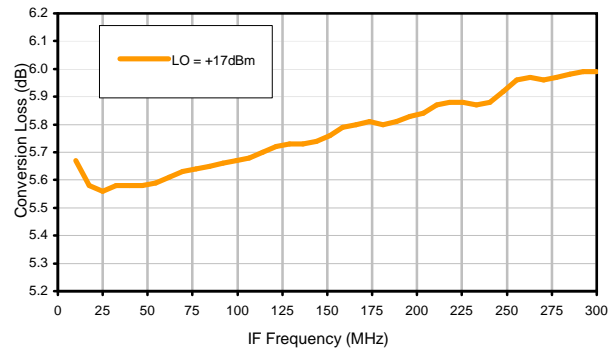
Conversion Loss vs. IF @ RF=1750.1MHz



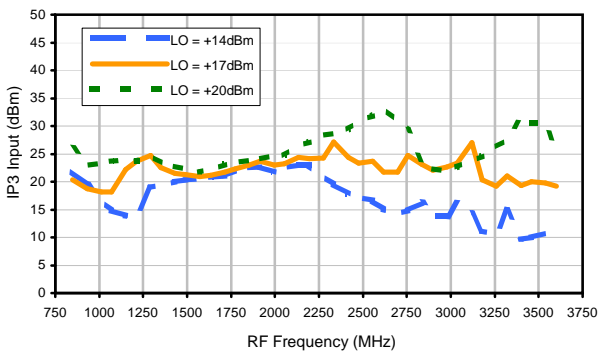
Conversion Loss vs. IF @ RF=1500.1MHz



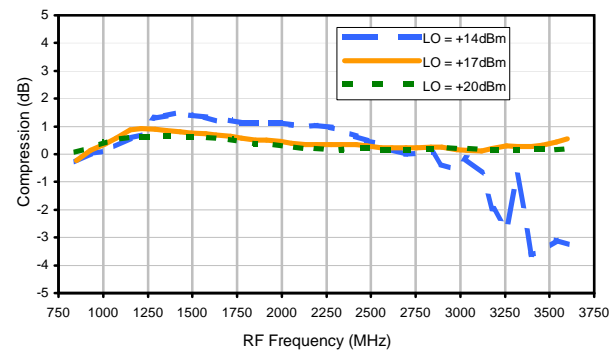
Conversion Loss vs. IF @ RF=2000.1MHz



IP3 Input

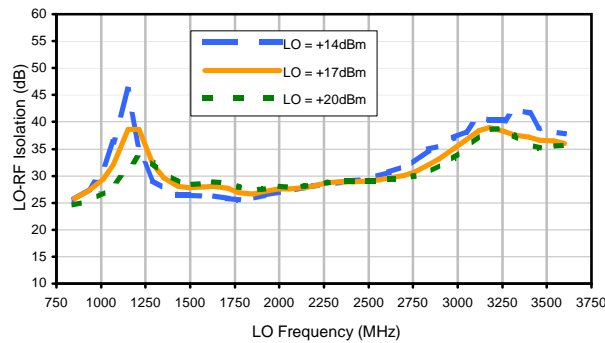


Compression @ RF IN=+14dBm

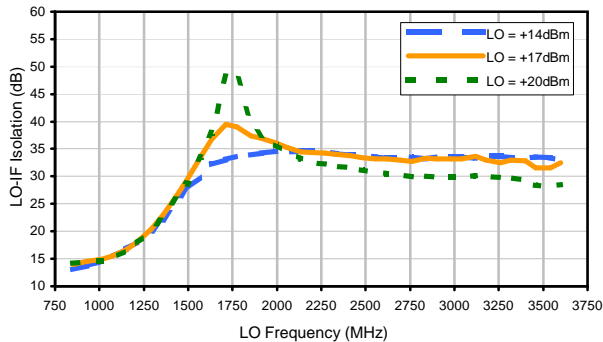


Typical Performance Curves

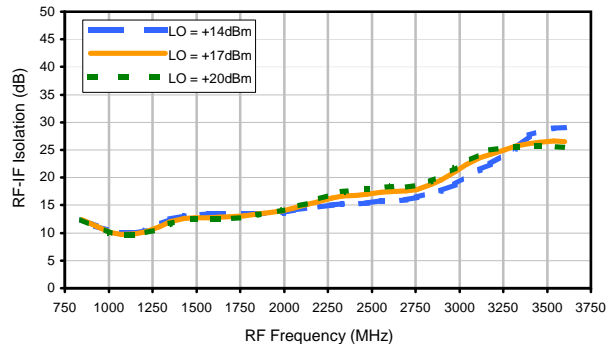
LO-RF Isolation



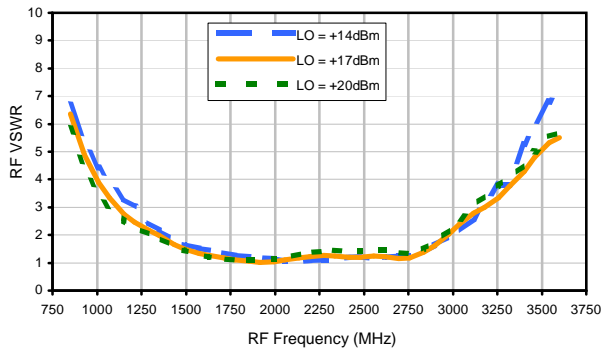
LO-IF Isolation



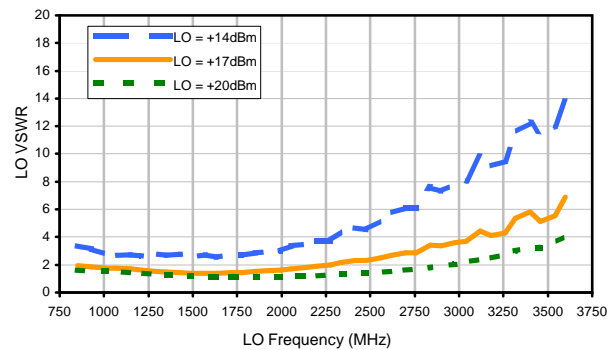
RF-IF Isolation



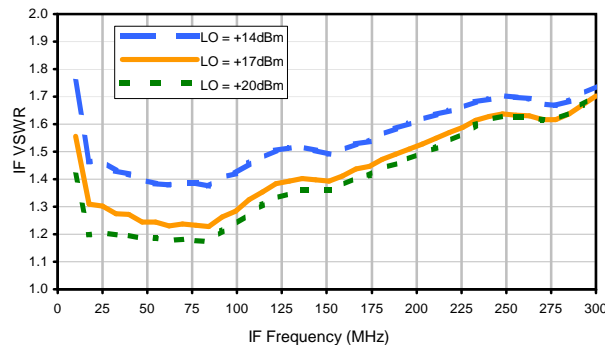
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	25	23	9	24	19	36	29	33	42	51
1	-	8	+0	32	29	33	34	25	38	46	48	60
2	>100	59	61	64	55	60	43	52	47	53	54	58
3	>100	74	78	69	55	72	82	64	72	58	67	77
4	>100	88	77	89	>94	85	85	89	71	78	77	76
5	>100	>94	>94	>94	>94	>94	85	>94	>94	>94	>94	90
6	>100	>94	>94	>94	>94	>94	>94	>94	>94	>94	>94	>94
7	>100	>94	>94	>94	>94	>94	>94	>94	>94	>94	>94	>94
8	>100	>94	>94	>94	>94	>94	>94	>94	>94	>94	>94	>94
9	>100	>94	>94	>94	>94	>94	>94	>94	>94	>94	>94	>94
10	>100	>94	>94	>94	>94	>94	>94	>94	>94	>94	>94	>94
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 1750.1 MHz; -1.00 dBm.
 LO IN: 1780.1 MHz; +17.00 dBm
 IF OUT: 30 MHz; -6.46 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	34	35	22	38	34	43	52	56	60	73
1	-	7	+0	34	29	37	37	29	47	52	49	68
2	91	54	53	59	48	53	37	47	44	57	54	55
3	>100	63	60	50	35	52	62	51	54	43	55	68
4	>100	66	56	67	74	67	64	66	50	56	55	58
5	>100	82	74	72	77	74	58	76	83	65	72	58
6	>100	80	76	85	71	80	89	78	76	78	61	66
7	>100	92	94	95	88	85	88	97	75	>103	92	76
8	>100	97	100	91	90	>103	84	92	93	84	88	89
9	>100	>103	>103	97	100	99	>103	98	97	>103	95	>103
10	>100	>103	>103	>103	>103	>103	98	>103	96	>103	98	94
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 1750.1 MHz; 9.00 dBm.
 LO IN: 1780.1 MHz; +17.00 dBm
 IF OUT: 30 MHz; 3.35 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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