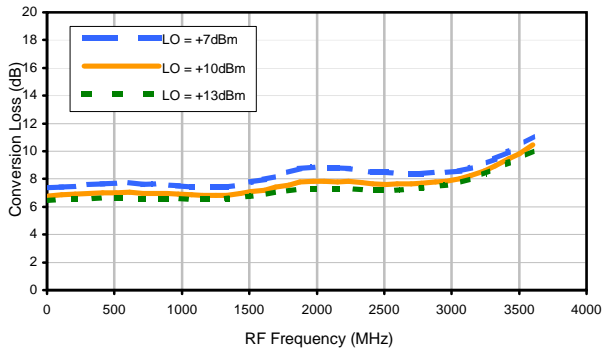
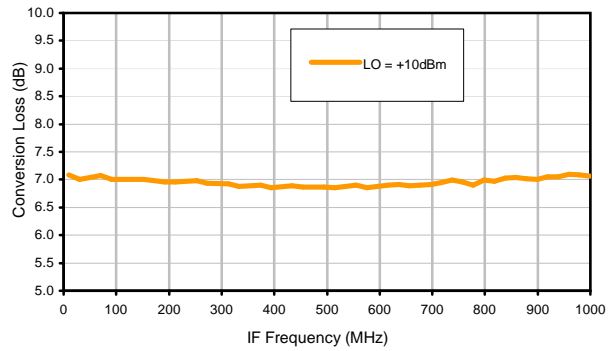


Typical Performance Curves

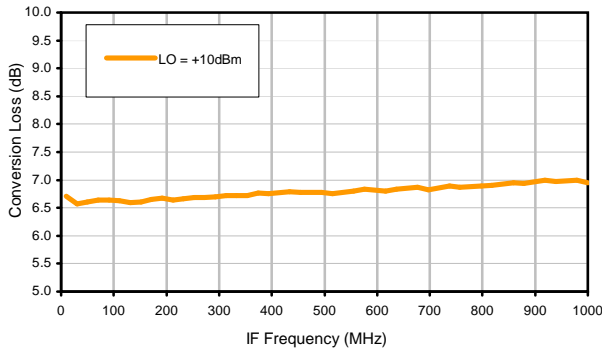
Conversion Loss @ IF=30MHz



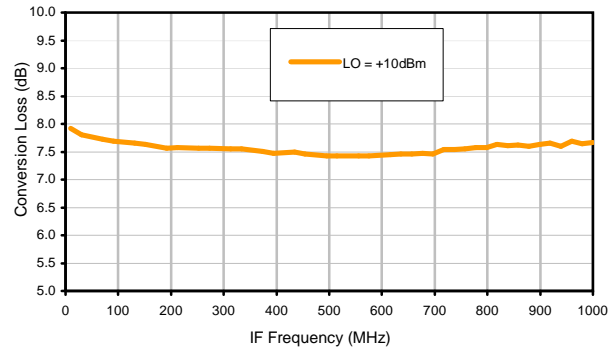
Conversion Loss vs. IF @ RF=1500.1MHz



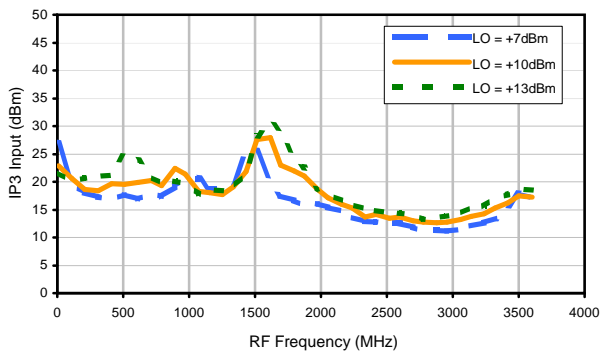
Conversion Loss vs. IF @ RF=10.1MHz



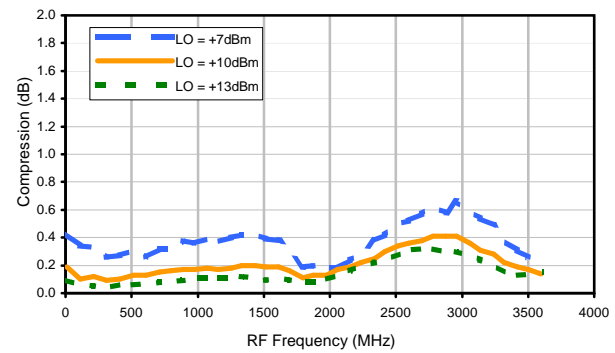
Conversion Loss vs. IF @ RF=3000.1MHz



IP3 Input

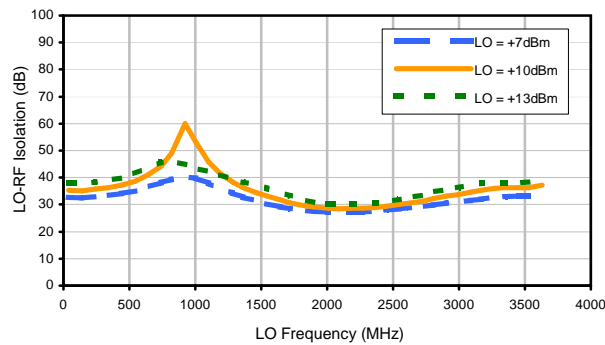


Compression @ RF IN=+5dBm

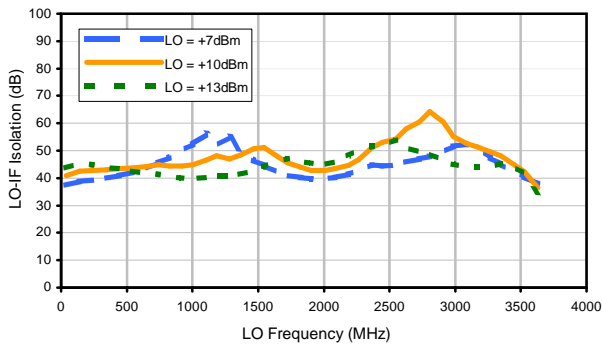


Typical Performance Curves

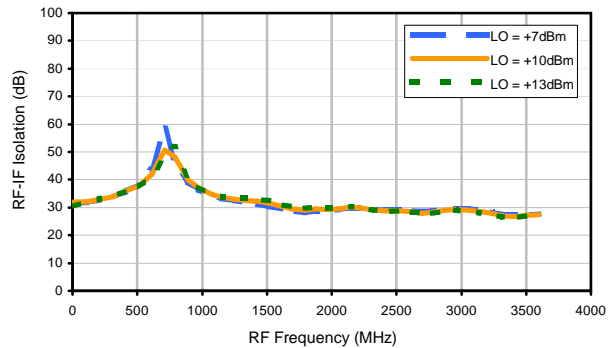
LO-RF Isolation



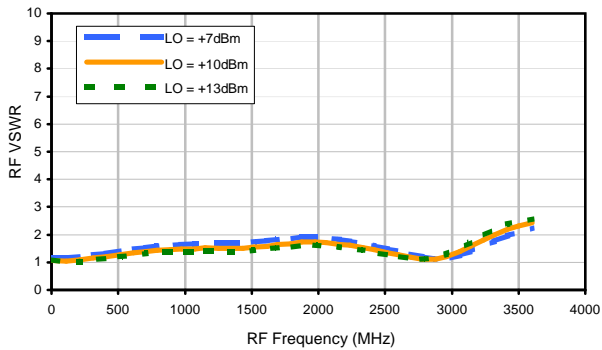
LO-IF Isolation



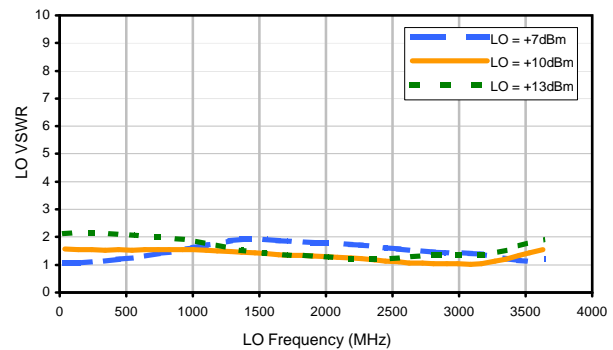
RF-IF Isolation



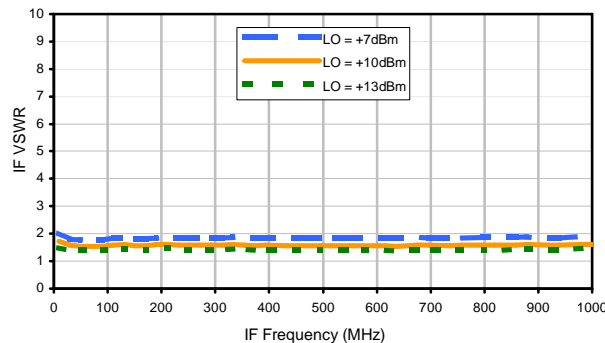
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	34	15	27	35	38	63	51	66	79	92
1	-	25	+0	37	13	49	30	47	56	69	61	76
2	>100	43	49	46	47	46	46	56	73	77	62	74
3	>100	62	48	60	62	67	46	81	67	64	74	82
4	>100	75	91	63	72	61	72	58	64	69	75	83
5	>100	>93	83	89	65	81	63	75	61	78	72	85
6	>100	>93	>93	92	>93	>93	>93	83	86	79	90	86
7	>100	>93	>93	>93	>93	>93	>93	>93	89	>93	85	90
8	>100	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93	92
9	>100	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93
10	>100	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 1500.1 MHz; 0.00 dBm.
 LO IN: 1530.01 MHz; +10.00 dBm
 IF OUT: 29.91 MHz; -7.12 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	29	17	27	36	36	35	46	50	46	73
1	-	28	0	29	17	37	27	48	46	51	54	71
2	81	40	40	45	46	44	39	54	61	57	50	65
3	>100	57	44	74	48	56	50	51	51	59	57	71
4	>100	64	64	65	68	58	68	58	57	59	66	64
5	>100	83	68	72	69	68	67	66	62	67	66	75
6	>100	>97	89	83	82	70	80	74	74	70	73	75
7	>100	>97	89	90	86	81	82	80	87	78	78	78
8	>100	96	>97	91	94	>97	84	80	84	81	82	80
9	>100	>97	>97	>97	>97	>97	>97	90	85	88	88	86
10	>100	>97	>97	>97	>97	>97	>97	>97	91	87	89	90
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 1250.1 MHz; 4.00 dBm.
 LO IN: 1280.01 MHz; +13.00 dBm
 IF OUT: 29.91 MHz; -3.1 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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