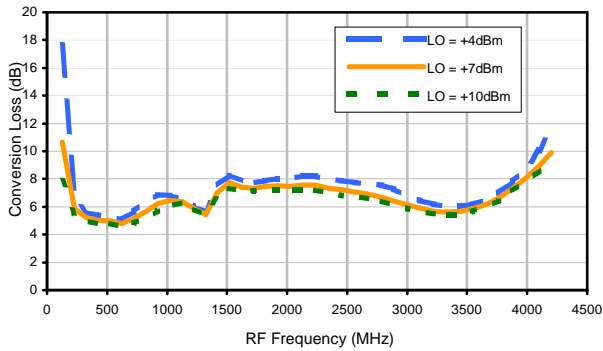
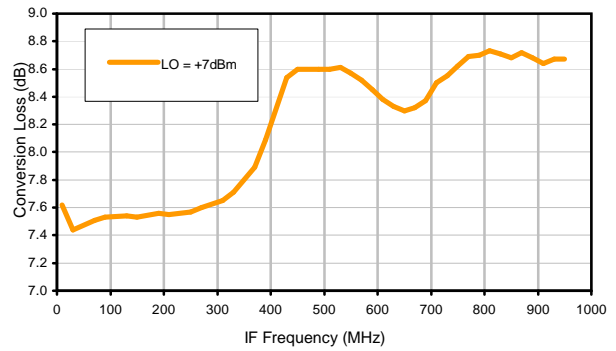


Typical Performance Curves

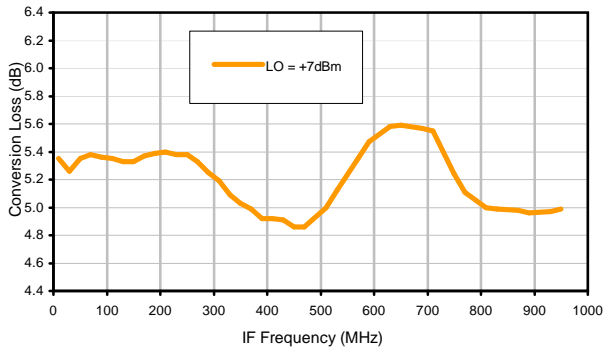
Conversion Loss @ IF=30MHz



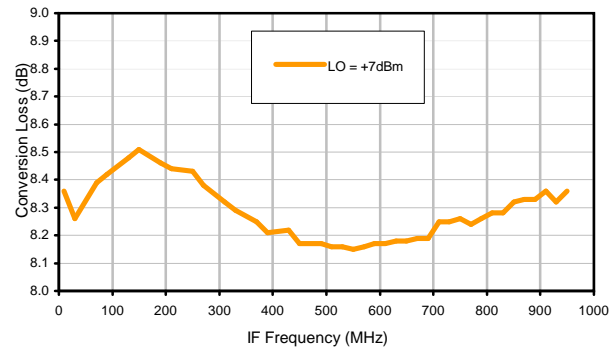
Conversion Loss vs. IF @ RF=2000.1MHz



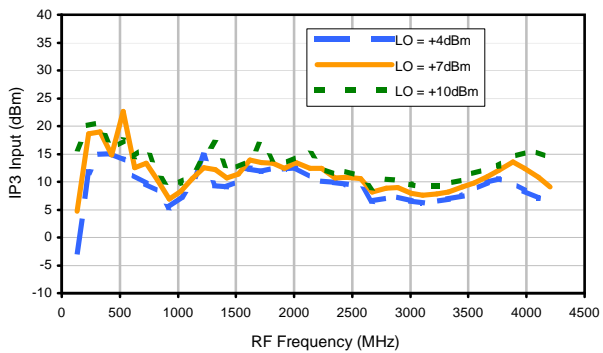
Conversion Loss vs. IF @ RF=300.1MHz



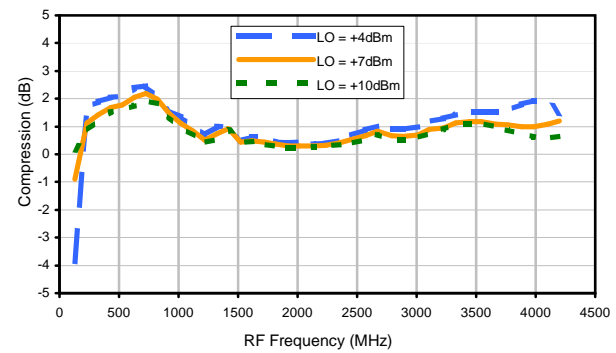
Conversion Loss vs. IF @ RF=4000.1MHz



IP3 Input

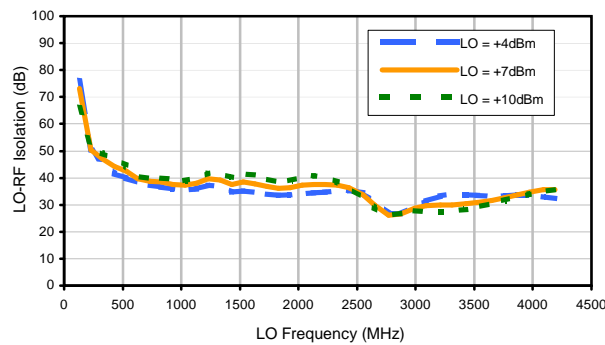


Compression @ RF IN=+1dBm

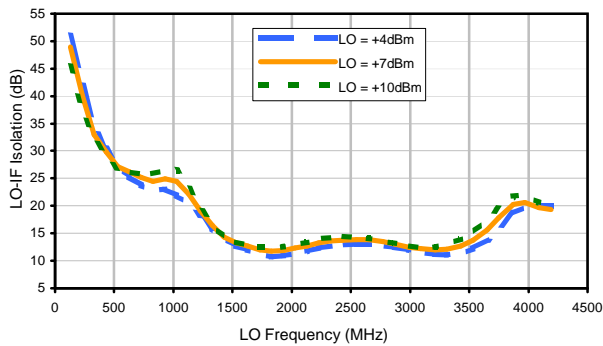


Typical Performance Curves

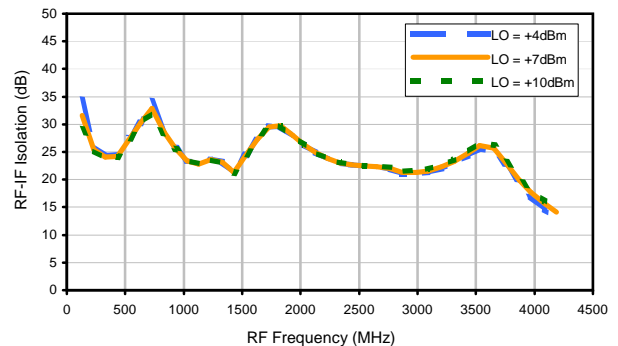
LO-RF Isolation



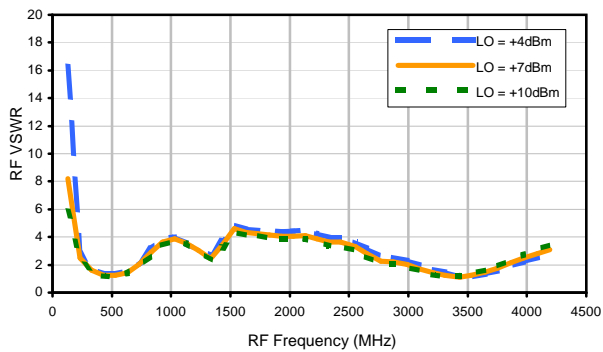
LO-IF Isolation



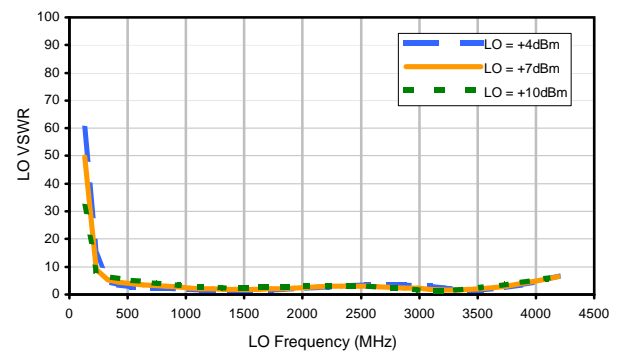
RF-IF Isolation



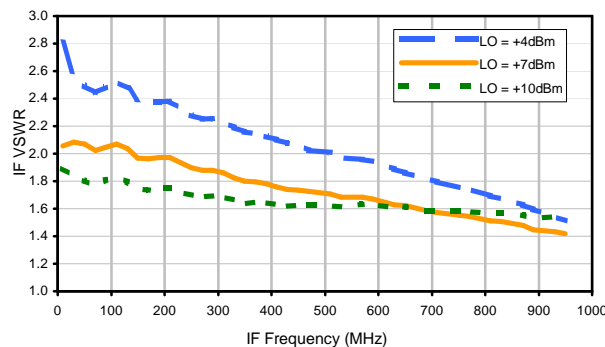
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+16	20	5	34	17	38	37	48	34	52
1	-	17	+0	42	26	48	33	47	36	52	48	67
2	>100	58	51	51	49	63	52	64	58	78	65	76
3	>100	74	65	>79	64	>79	71	>79	72	>79	68	>79
4	92	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
5	>100	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
6	>100	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
7	>100	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
8	>100	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
9	>100	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
10	>100	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 2150.1 MHz; -14.00 dBm.
 LO IN: 2180.01 MHz; +7.00 dBm
 IF OUT: 29.91 MHz; -21.37 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+6	31	16	44	29	50	48	71	47	65
1	-	17	+0	43	25	48	34	51	41	58	57	82
2	79	49	41	42	40	54	44	59	49	68	66	76
3	>100	54	46	69	43	68	56	67	53	76	54	73
4	79	75	72	68	67	64	65	69	65	66	76	79
5	>100	>89	88	80	69	81	61	88	69	78	69	77
6	>100	>89	>89	89	>89	>89	>89	76	85	80	83	78
7	>100	>89	>89	>89	>89	>89	>89	>89	79	>89	84	89
8	>100	>89	>89	>89	>89	>89	>89	>89	>89	>89	>89	>89
9	>100	>89	>89	>89	>89	>89	>89	>89	>89	>89	>89	>89
10	>100	>89	>89	>89	>89	>89	>89	>89	>89	>89	>89	>89
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 2150.1 MHz; -4.00 dBm.
 LO IN: 2180.01 MHz; +7.00 dBm
 IF OUT: 29.91 MHz; -11.35 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.

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