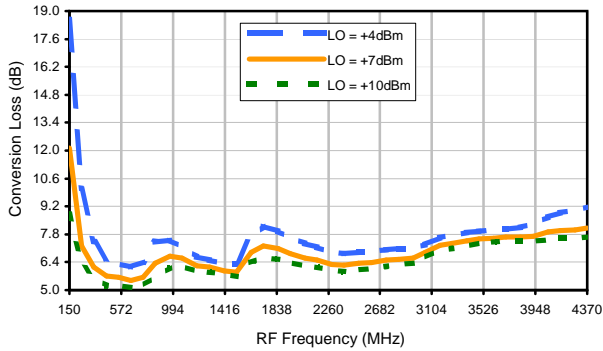
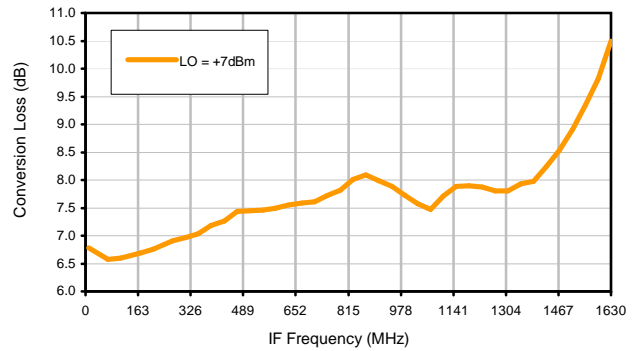


Typical Performance Curves

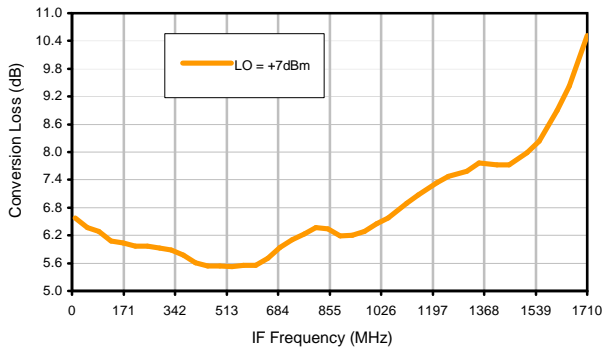
Conversion Loss @ IF=30MHz



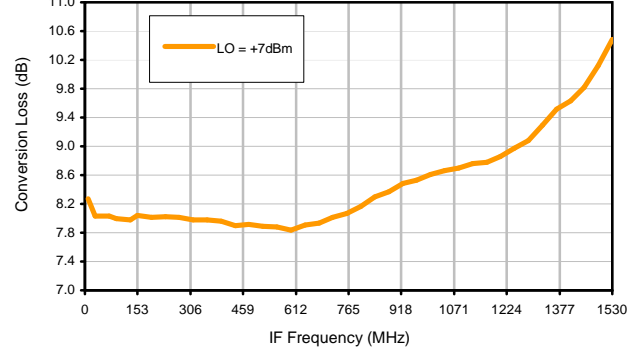
Conversion Loss vs. IF @ RF=2160.1MHz



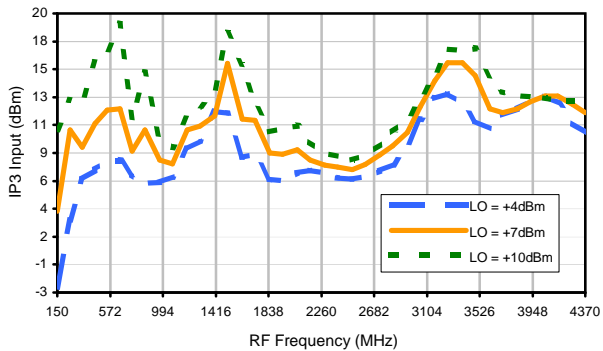
Conversion Loss vs. IF @ RF=289.9MHz



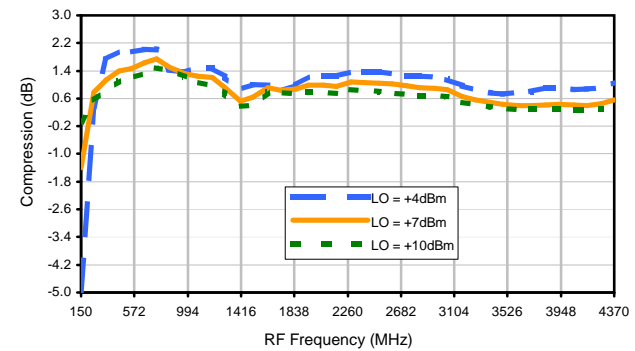
Conversion Loss vs. IF @ RF=4310.1MHz



IP3 Input

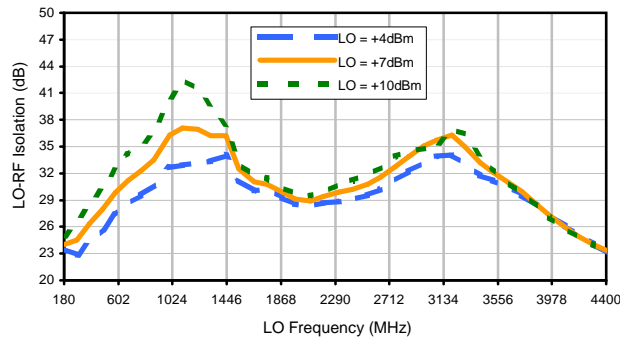


Compression @ RF IN=+1dBm

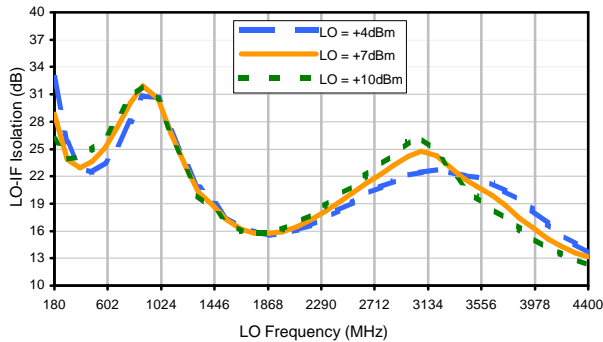


Typical Performance Curves

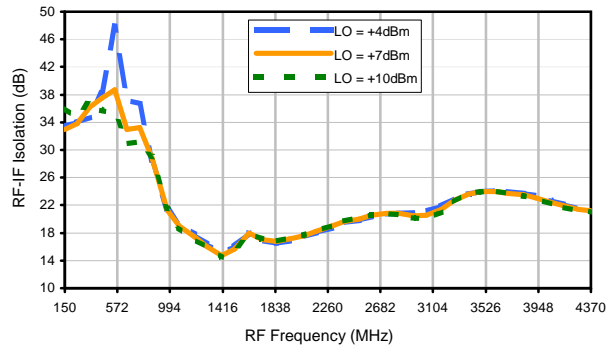
LO-RF Isolation



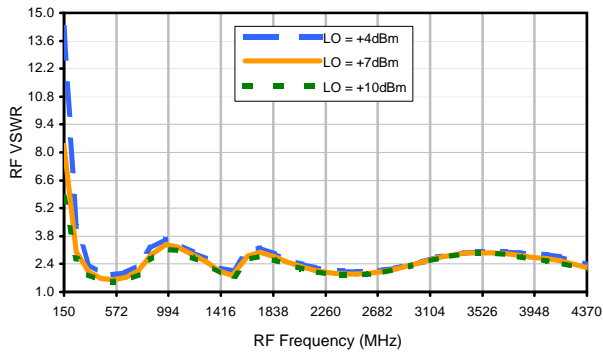
LO-IF Isolation



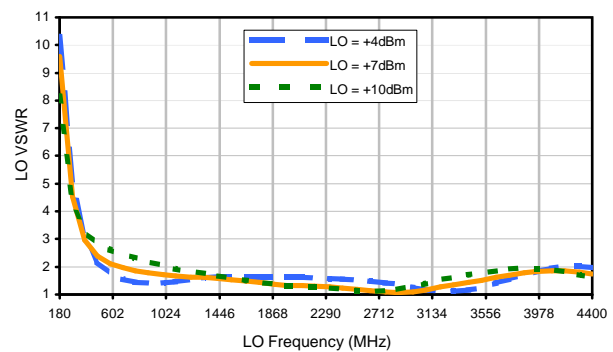
RF-IF Isolation



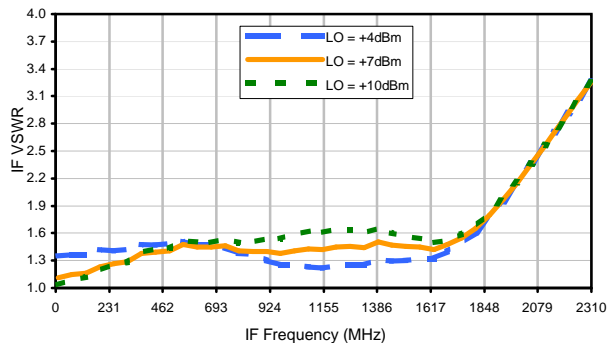
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+9	28	23	37	24	41	41	58	53	>70
1	-	13	+0	31	29	34	39	40	47	56	65	66
2	89	50	59	49	56	59	65	66	56	64	69	>70
3	>90	>70	>70	>70	57	>70	>70	68	67	>70	>70	>70
4	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
5	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
6	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
7	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
8	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
9	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
10	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 2300 MHz; -14.00 dBm.
 LO IN: 2330 MHz; +7.00 dBm
 IF OUT: 30 MHz; -20.28 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	1	39	33	49	38	57	57	72	63	>80
1	-	13	+0	33	30	37	43	47	57	68	75	>80
2	69	41	50	43	49	61	66	58	54	64	72	>80
3	>90	52	53	63	37	52	55	52	56	57	68	75
4	>90	75	>80	64	72	59	66	62	74	69	69	74
5	>90	70	76	76	>80	73	61	68	77	66	69	69
6	>90	>80	>80	>80	>80	76	>80	78	>80	72	>80	>80
7	>90	>80	>80	>80	>80	>80	>80	>80	78	>80	>80	>80
8	>90	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
9	>90	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
10	>90	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 2300 MHz; -4.00 dBm.
 LO IN: 2330 MHz; +7.00 dBm
 IF OUT: 30 MHz; -10.45 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.

