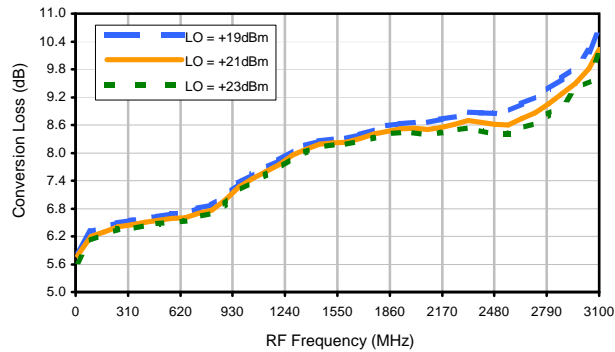
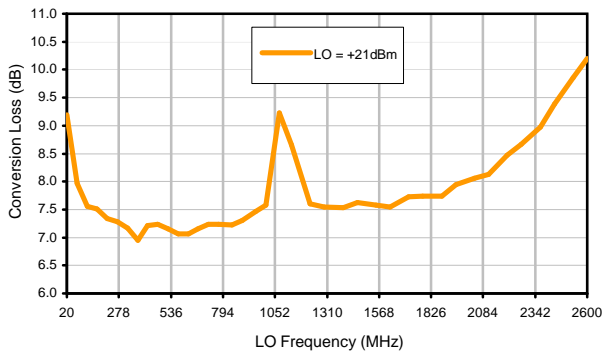


Typical Performance Curves

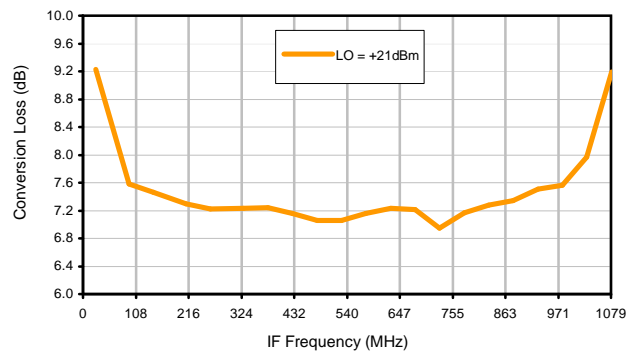
Conversion Loss @ IF=130MHz



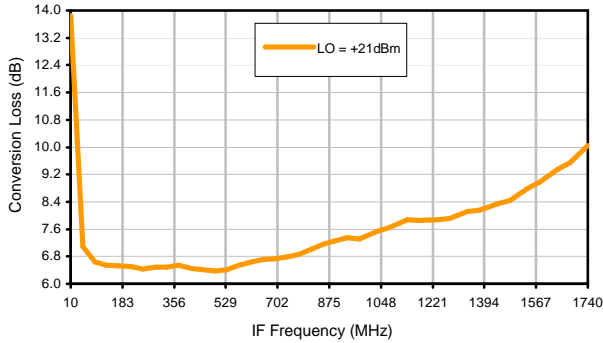
Conversion Loss vs. LO @ RF=1100MHz



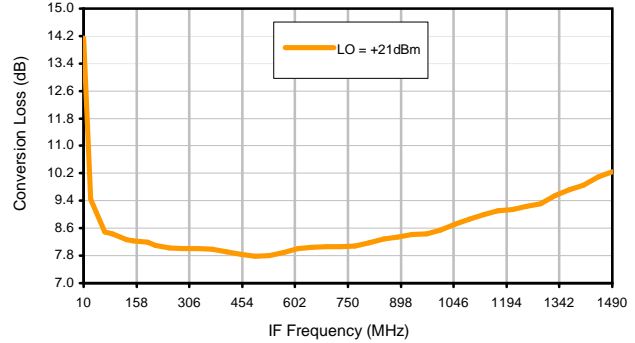
Conversion Loss vs. IF @ RF=1100MHz



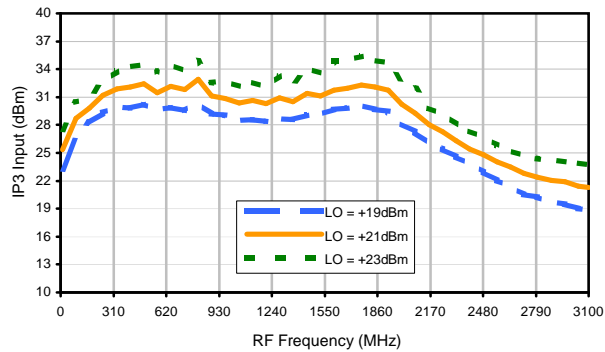
Conversion Loss vs. IF @ RF=460MHz



Conversion Loss vs. IF @ RF=1730.1MHz

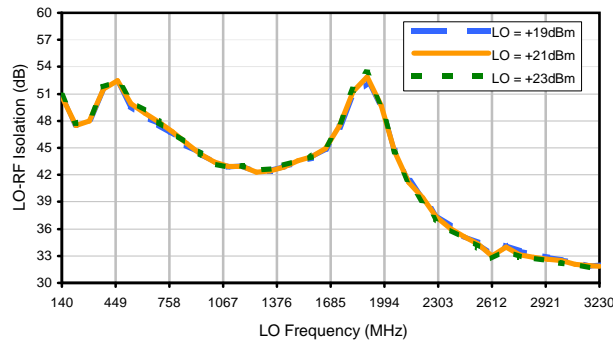


IP3 Input

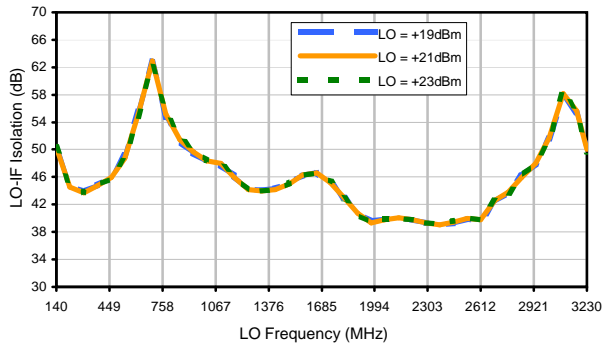


Typical Performance Curves

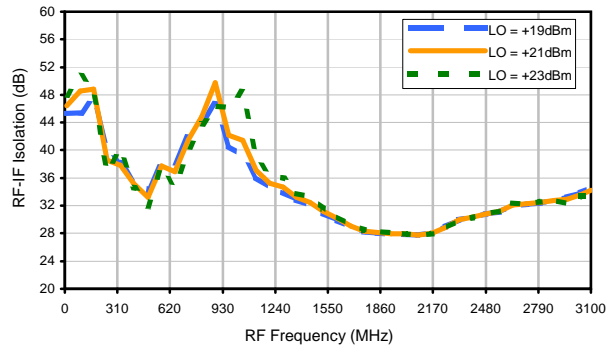
LO-RF Isolation



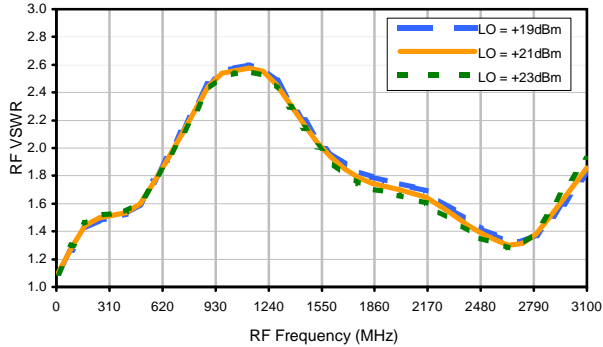
LO-IF Isolation



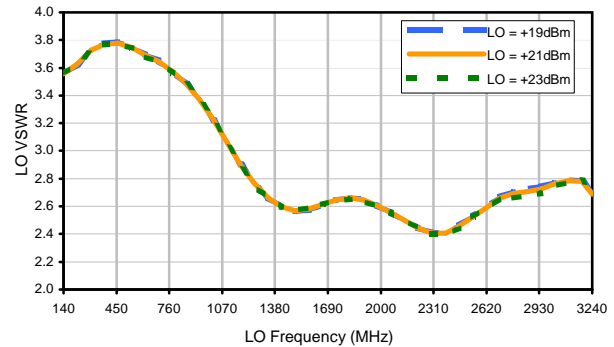
RF-IF Isolation



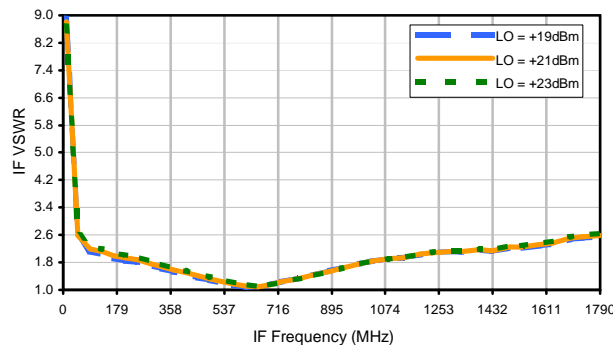
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	17	46	57	71	70	>73	>73	68	>73	68
1	-	9	+0	53	48	67	>73	>73	72	>73	>73	>73
2	75	23	21	36	66	72	>73	>73	71	70	67	>73
3	>90	42	23	53	69	68	>73	71	>73	72	>73	71
4	>90	43	41	48	68	>73	>73	65	>73	>73	>73	67
5	>90	51	47	56	>73	69	>73	>73	72	>73	70	>73
6	>90	67	64	62	68	>73	>73	>73	>73	69	67	>73
7	82	55	>73	>73	70	>73	70	>73	>73	>73	>73	73
8	>90	>73	70	72	>73	72	73	>73	>73	71	72	70
9	>90	69	>73	69	>73	>73	>73	>73	>73	>73	>73	>73
10	>90	>73	66	72	70	71	71	>73	72	>73	>73	71
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 1100 MHz; 5.00 dBm.
 LO IN: 1230 MHz; +21.00 dBm
 IF OUT: 130 MHz; -17.29 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	15	47	59	74	>76	>76	>76	>76	>76	>76
1	-	6	+0	49	50	70	72	>76	73	70	>76	>76
2	59	14	15	36	>76	72	>76	>76	75	>76	>76	>76
3	86	28	18	52	67	75	>76	75	>76	>76	71	>76
4	79	36	23	46	60	73	>76	>76	>76	>76	>76	72
5	58	48	33	50	64	69	>76	74	72	>76	>76	>76
6	64	39	37	59	64	75	>76	>76	>76	>76	>76	>76
7	>90	50	57	54	75	68	>76	>76	>76	>76	>76	>76
8	>90	53	51	74	73	>76	>76	>76	>76	>76	71	>76
9	87	51	73	60	73	>76	>76	74	>76	>76	>76	75
10	87	56	63	73	75	>76	>76	>76	>76	>76	>76	>76
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 1100 MHz; 15.00 dBm.
 LO IN: 1230 MHz; +21.00 dBm
 IF OUT: 130 MHz; -14.31 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. X3
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 Page 3 of 3



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