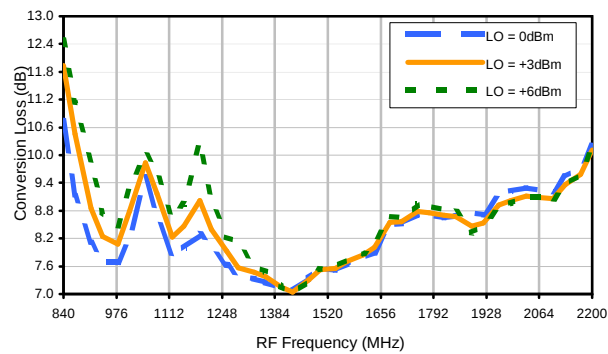
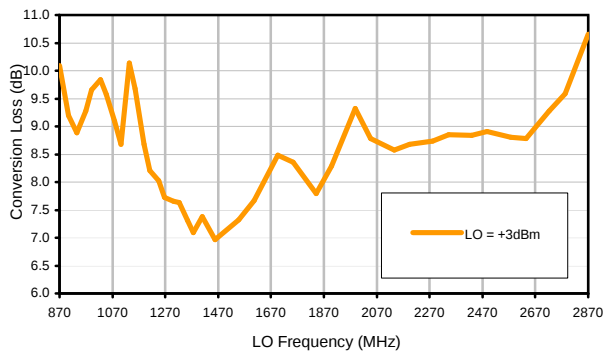


Typical Performance Curves

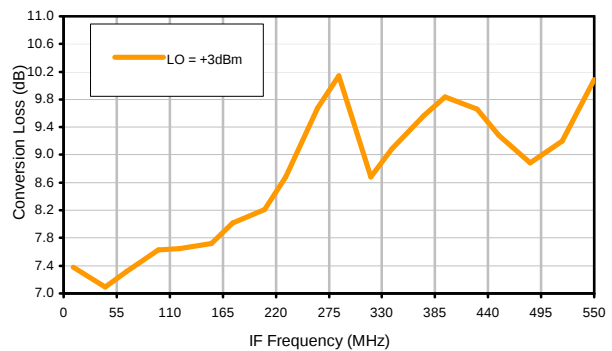
Conversion Loss @ IF=30MHz



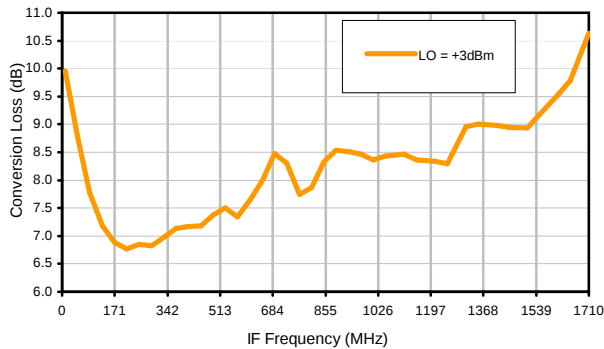
Conversion Loss vs. LO @ RF=1420MHz



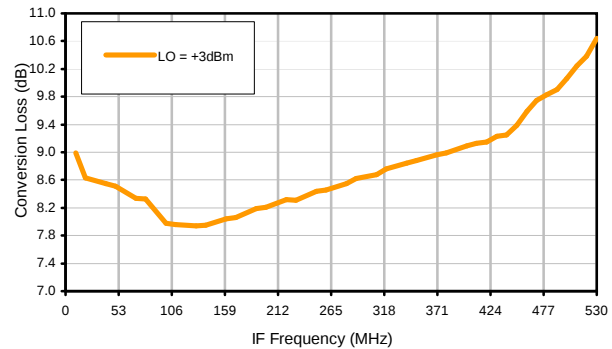
Conversion Loss vs. IF @ RF=1420MHz



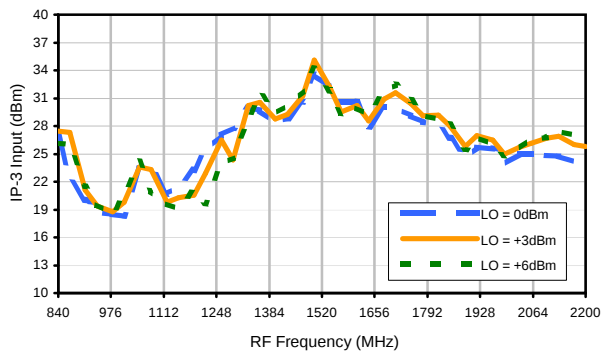
Conversion Loss vs. IF @ RF=1129.9MHz



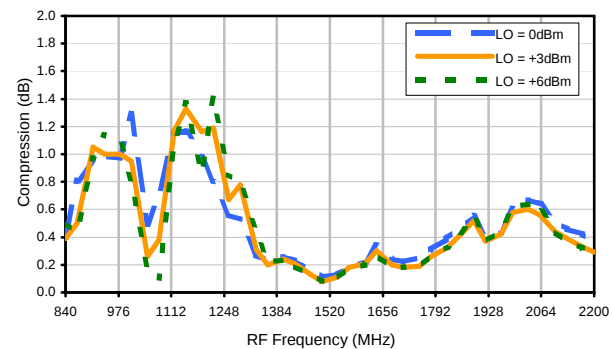
Conversion Loss vs. IF @ RF=1710.1MHz



IP3 Input

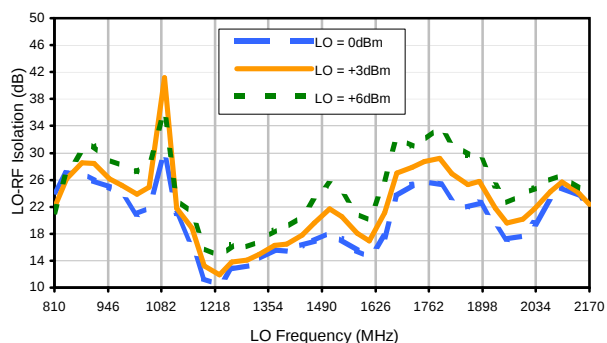


Compression @ RF IN=+15dBm

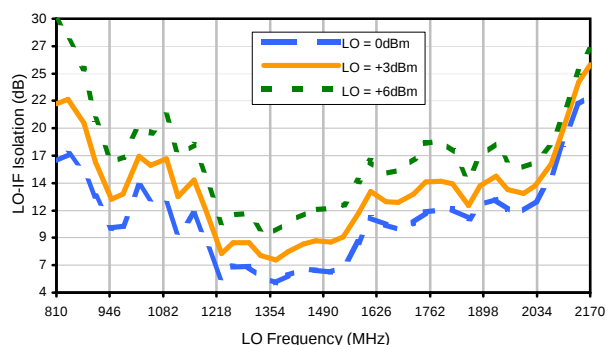


Typical Performance Curves

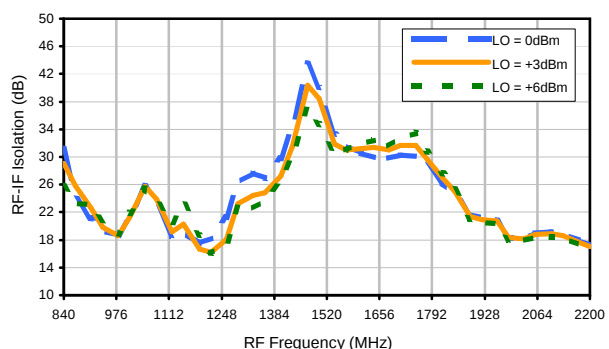
LO-RF Isolation



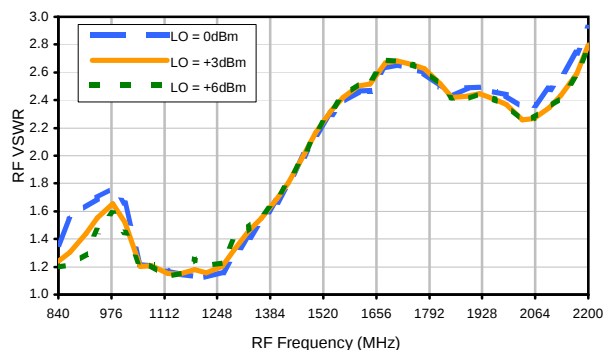
LO-IF Isolation



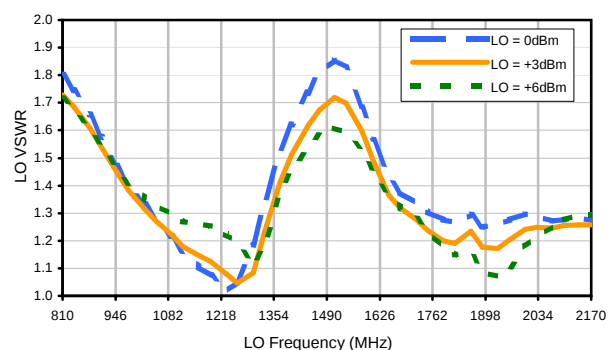
RF-IF Isolation



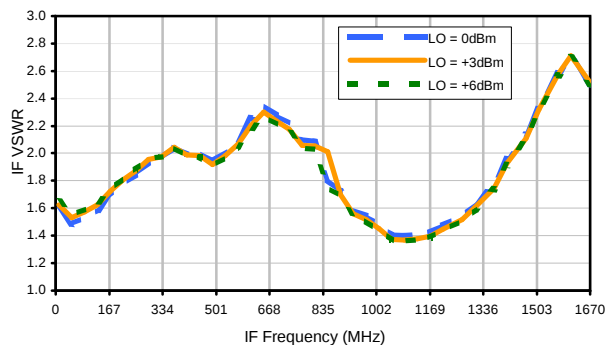
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+3	6	17	19	33	33	28	32	37	37
1	-	22	+0	16	18	35	33	42	48	42	50	39
2	55	46	65	40	58	45	60	51	62	76	58	64
3	>90	74	66	71	60	67	65	70	69	>83	>83	79
4	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
5	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
6	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
7	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
8	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
9	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
10	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 1420 MHz; 0.00 dBm.
 LO IN: 1390 MHz; +3.00 dBm
 IF OUT: 30 MHz; -7.14 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	7	14	26	29	45	42	36	42	43	51
1	-	21	+0	15	19	36	35	42	49	43	51	43
2	35	35	52	30	46	36	51	44	54	68	52	56
3	84	57	47	56	41	47	46	52	53	68	74	62
4	88	75	73	67	67	56	68	57	66	63	73	86
5	>90	>93	79	75	71	73	64	76	68	70	72	85
6	>90	>93	>93	>93	83	83	82	74	80	75	83	80
7	>90	>93	>93	>93	>93	92	89	90	83	89	88	89
8	>90	>93	>93	>93	>93	>93	>93	92	93	88	91	92
9	>90	>93	>93	>93	>93	>93	>93	>93	>93	>93	92	>93
10	>90	>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: 1420 MHz; 10.00 dBm.
 LO IN: 1390 MHz; +3.00 dBm
 IF OUT: 30 MHz; 2.83 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

MACY-ED12790/1

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Page 3 of 3



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