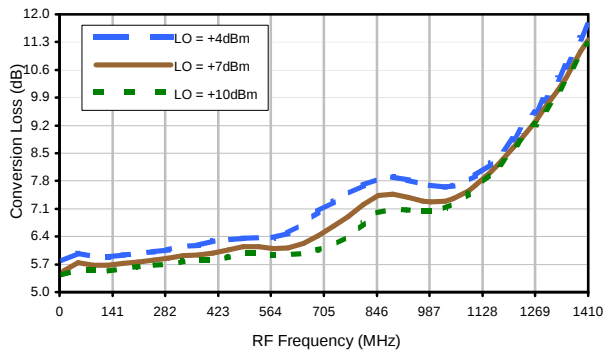
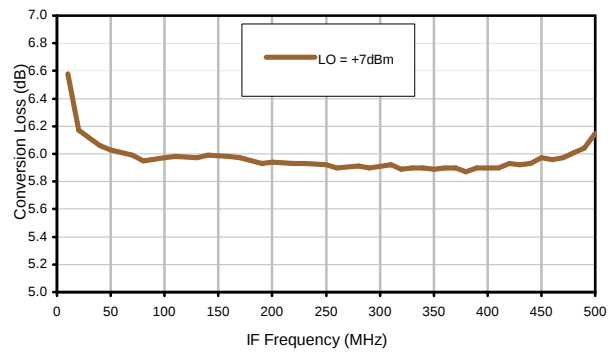


Typical Performance Curves

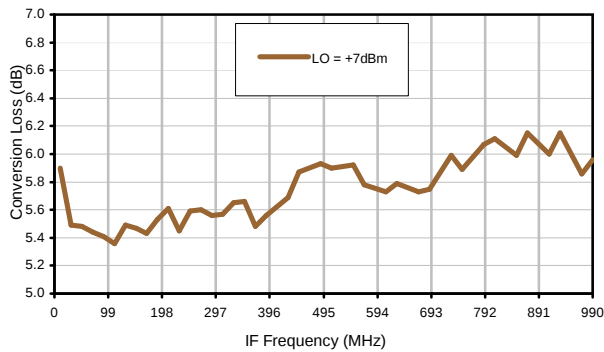
Conversion Loss @ IF=30MHz



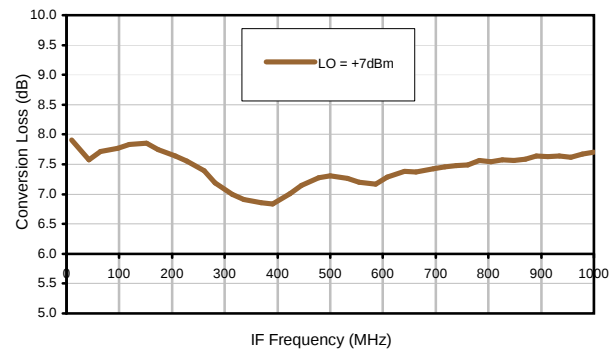
Conversion Loss vs. IF @ RF=510.1 MHz



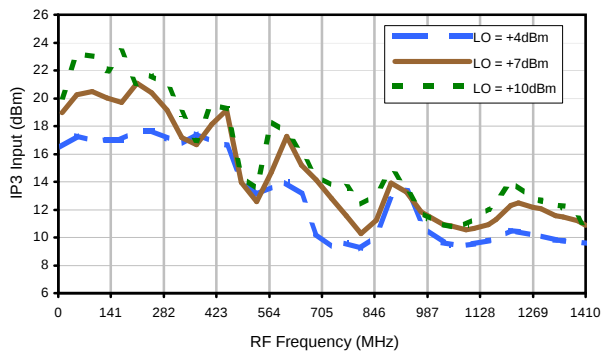
Conversion Loss vs. IF @ RF=10MHz



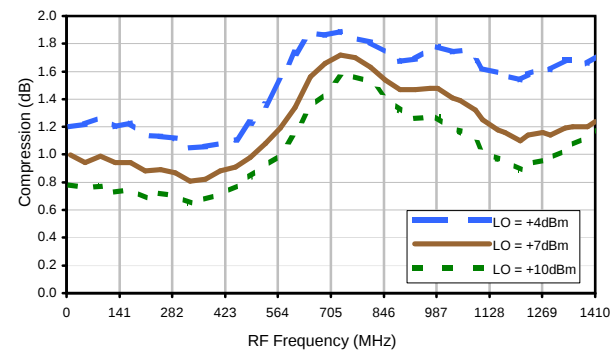
Conversion Loss vs. IF @ RF=1010.1MHz



IP3 Input

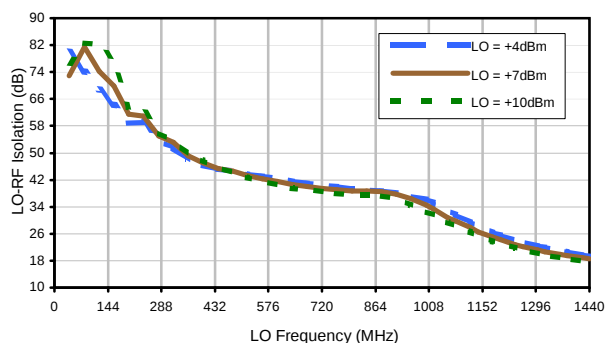


Compression @ RF IN=+1dBm

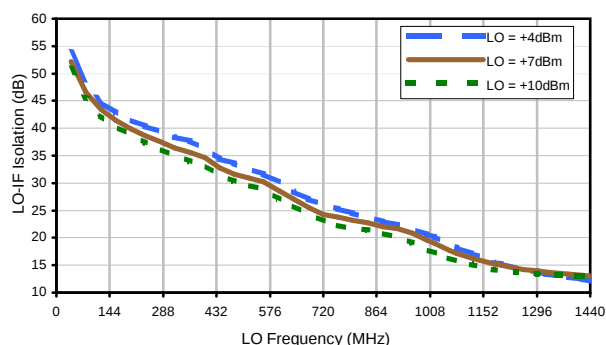


Typical Performance Curves

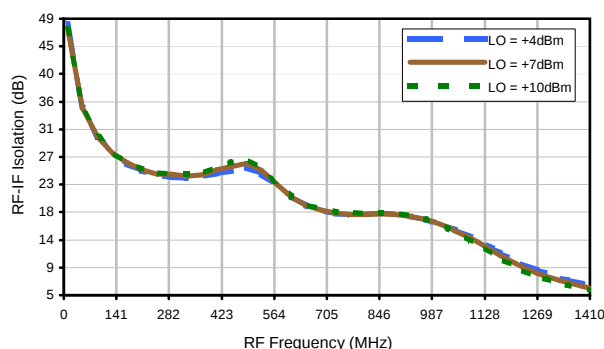
LO-RF Isolation



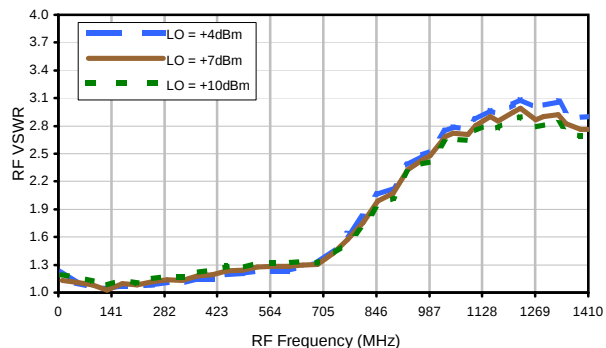
LO-IF Isolation



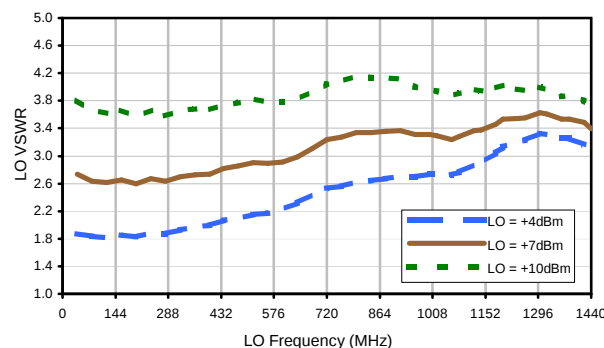
RF-IF Isolation



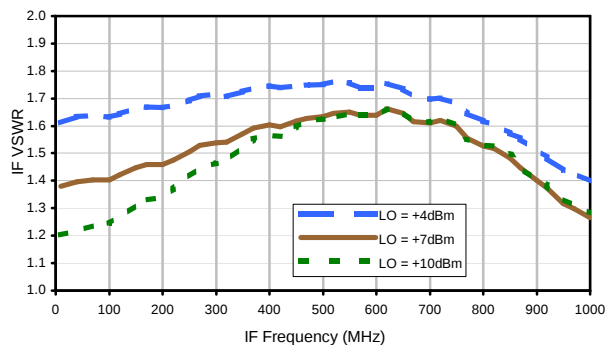
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	6	19	14	23	17	34	54	48	58	56
1	-	19	+0	33	11	34	34	41	41	42	56	58
2	> 90	67	45	63	44	64	47	63	57	60	> 70	69
3	> 90	66	59	63	58	67	58	> 70	70	> 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: 500.00 MHz; -14.00 dBm.

LO IN: 530.00 MHz; +7.00 dBm

IF OUT: 30.00 MHz; -19.98 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	15	30	26	34	29	46	62	66	63	71
1	-	19	+0	31	12	35	34	44	48	50	62	67
2	72	52	39	59	39	64	41	66	48	56	68	68
3	> 90	46	41	50	43	63	41	53	57	62	58	61
4	> 90	69	68	71	54	63	51	64	56	68	66	67
5	> 90	70	75	64	56	62	54	62	56	71	69	> 80
6	> 90	> 80	> 80	79	77	> 80	> 80	78	75	76	> 80	77
7	> 90	> 80	> 80	> 80	> 80	> 80	73	> 80	73	78	71	> 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: 500.00 MHz; -4.00 dBm.

LO IN: 530.00 MHz; +7.00 dBm

IF OUT: 30.00 MHz; -10.01 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.