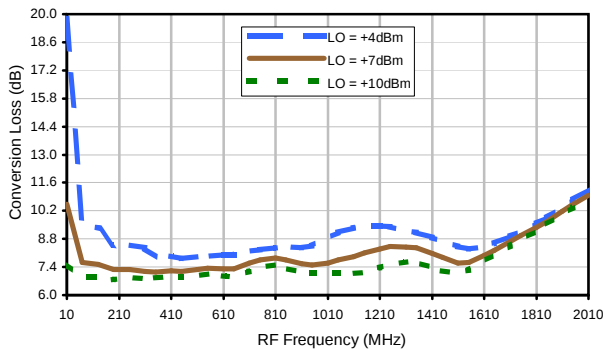
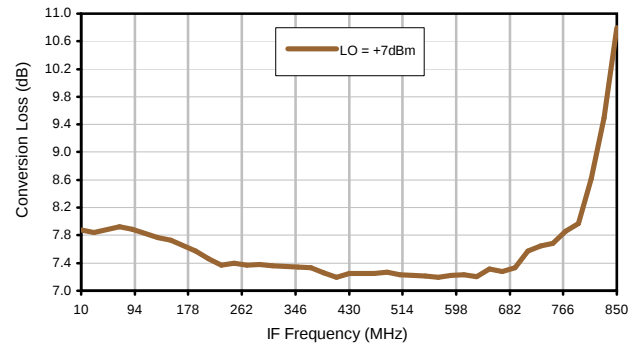


Typical Performance Curves

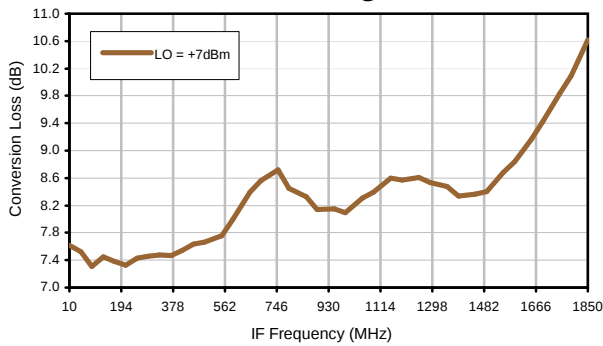
Conversion Loss @ IF=30MHz



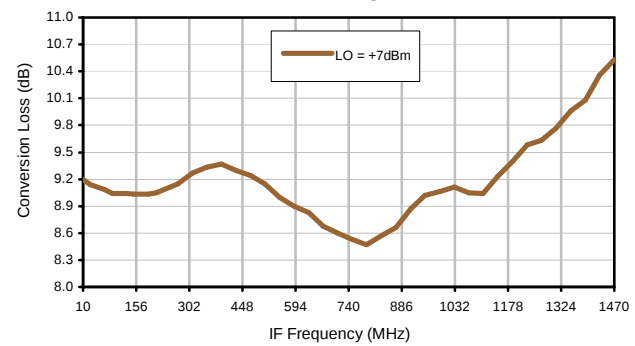
Conversion Loss vs. IF @ RF=890.1MHz



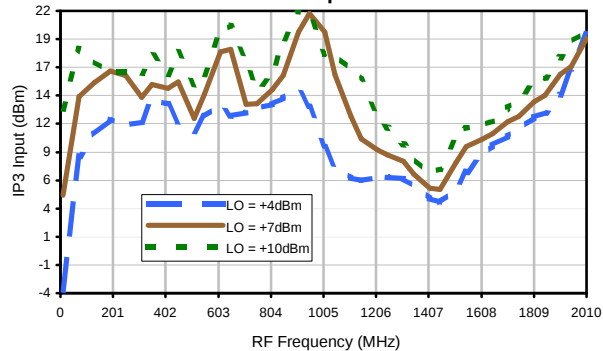
Conversion Loss vs. IF @ RF=124.9MHz



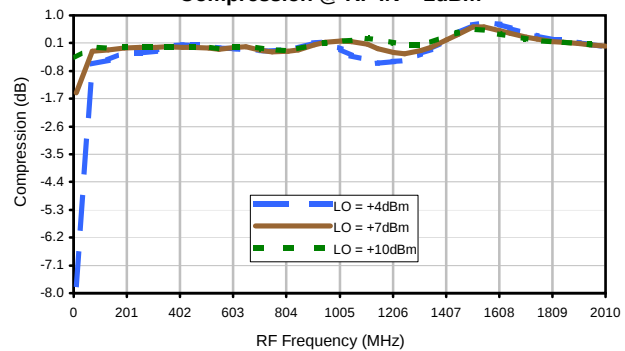
Conversion Loss vs. IF @ RF=1770.1MHz



IP3 Input

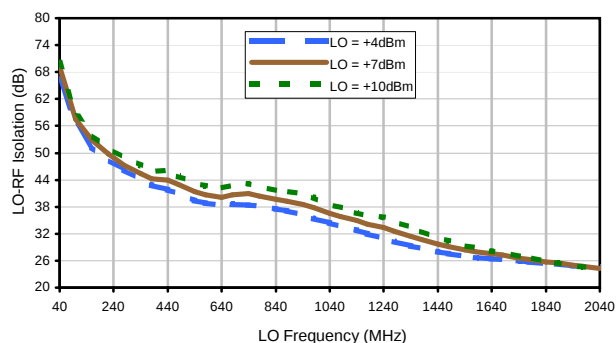


Compression @ RF IN=+2dBm

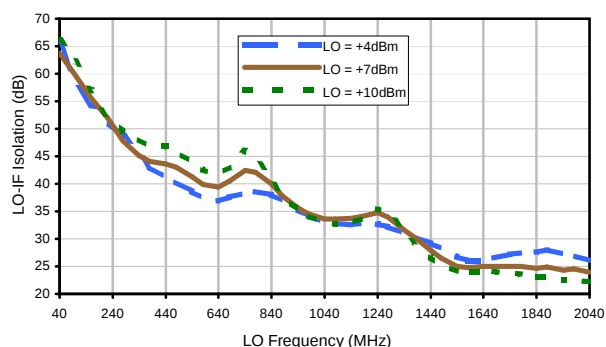


Typical Performance Curves

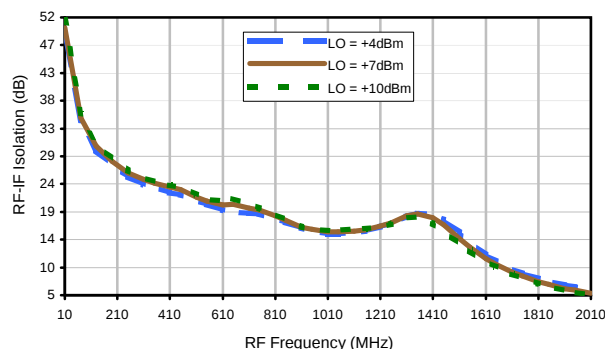
LO-RF Isolation



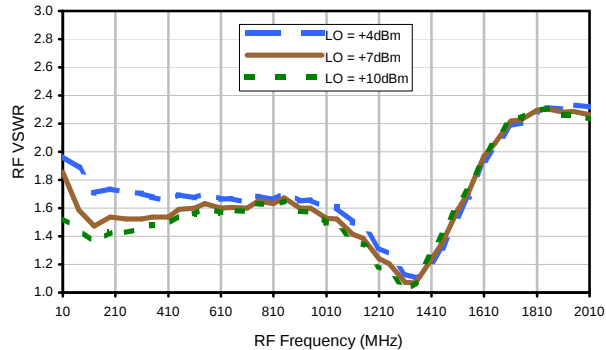
LO-IF Isolation



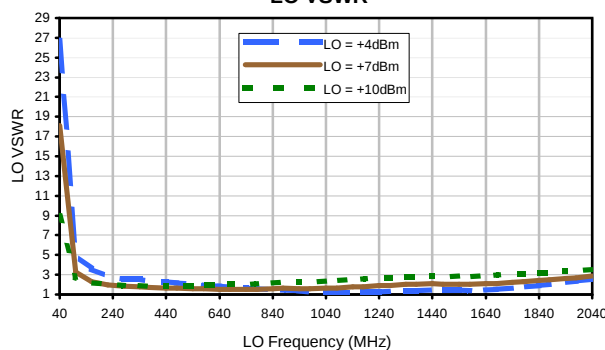
RF-IF Isolation



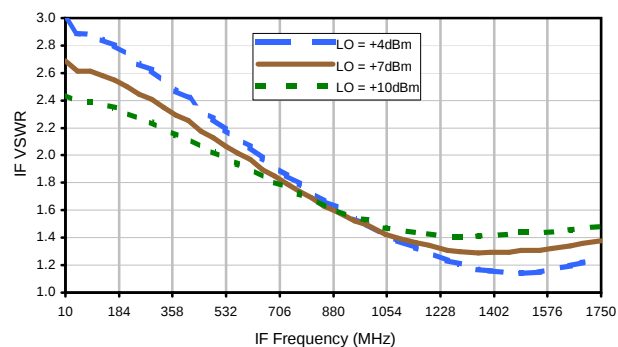
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	7	17	11	30	19	49	26	49	39	41
1	-	9	+0	25	14	35	52	35	50	63	58	>70
2	87	62	56	58	58	63	58	>70	69	>70	>70	>70
3	>90	>70	>70	>70	>70	69	>70	>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: 947.5 MHz; -13.00 dBm.
LO IN: 977.5 MHz; +7.00 dBm
IF OUT: 30 MHz; -20.49 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	16	27	21	40	31	60	38	61	56	54
1	-	9	+0	26	14	36	52	36	52	65	62	79
2	68	51	46	48	46	55	48	68	57	69	62	>79
3	>90	59	64	49	52	49	50	68	69	64	73	>79
4	>90	>79	78	72	74	69	66	75	77	>79	>79	>79
5	>90	>79	>79	>79	79	>79	71	74	79	>79	>79	>79
6	>90	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
7	>90	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
8	>90	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
9	>90	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
10	>90	>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: 947.5 MHz; -3.00 dBm.
LO IN: 977.5 MHz; +7.00 dBm
IF OUT: 30 MHz; -10.55 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.