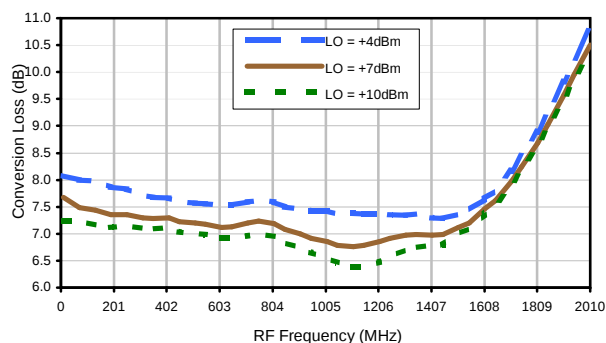
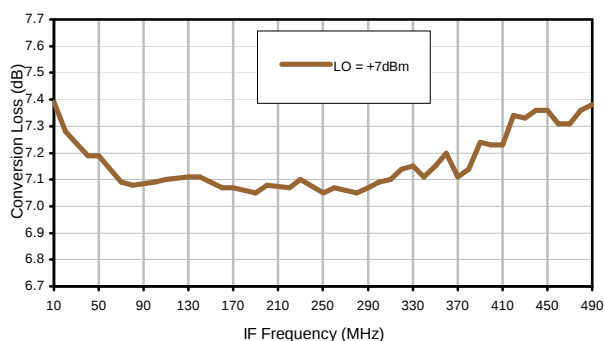


Typical Performance Curves

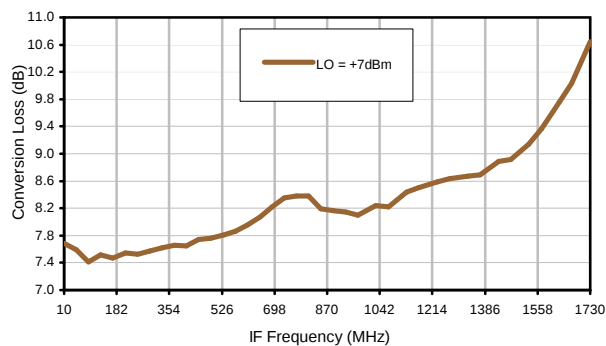
Conversion Loss @ IF=30MHz



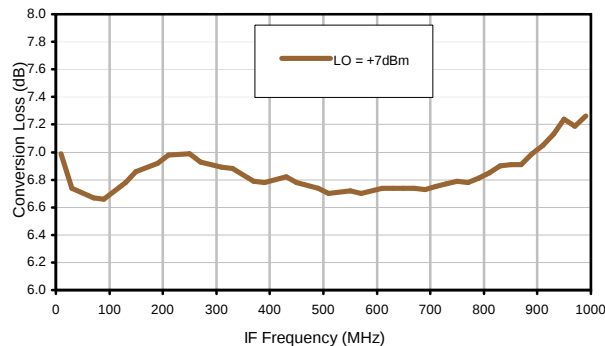
Conversion Loss vs. IF @ RF=510.1MHz



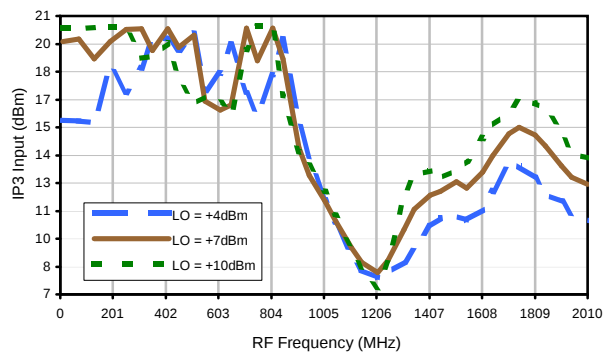
Conversion Loss vs. IF @ RF=39.9MHz



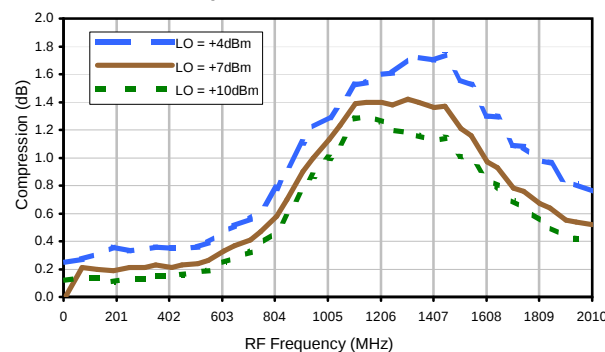
Conversion Loss vs. IF @ RF=1010.1MHz



IP3 Input

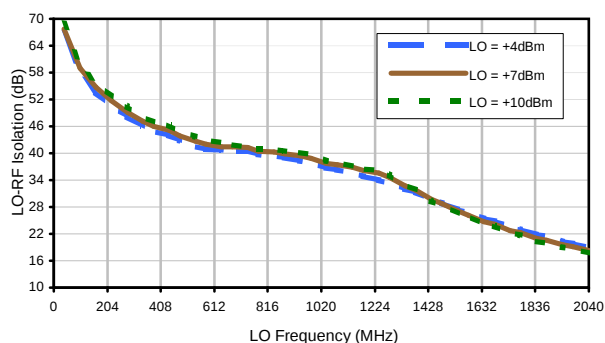


Compression @ RF IN=+1dBm

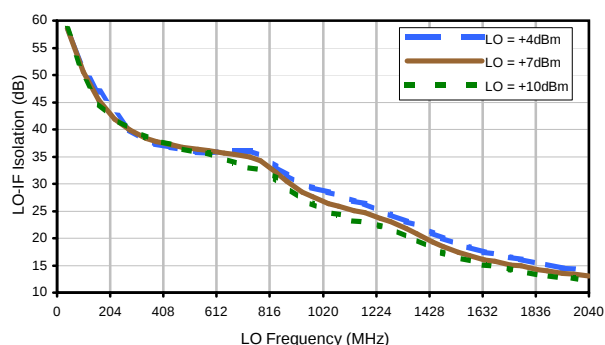


Typical Performance Curves

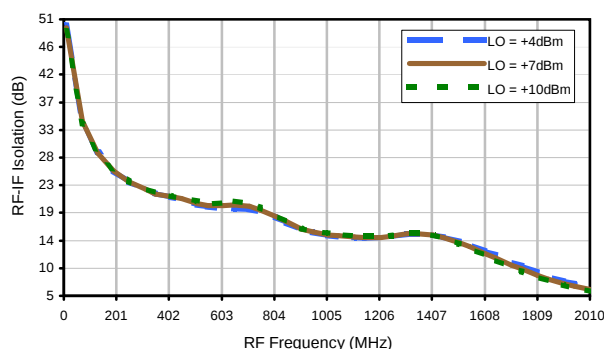
LO-RF Isolation



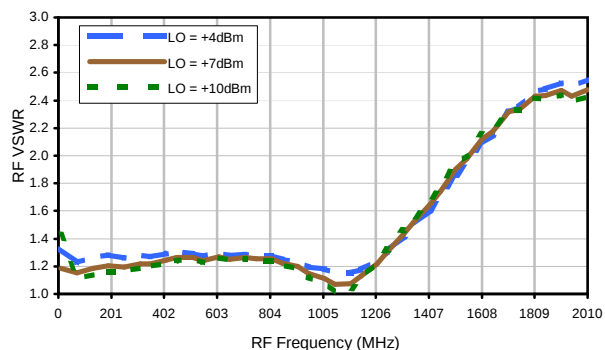
LO-IF Isolation



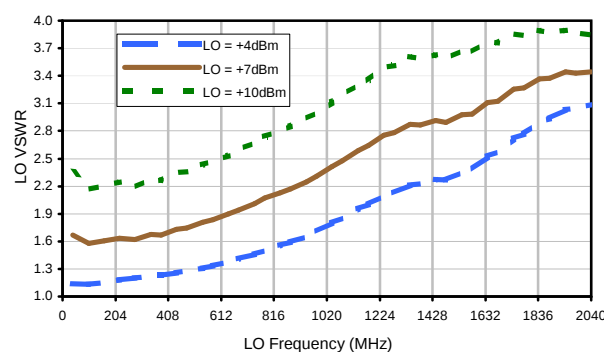
RF-IF Isolation



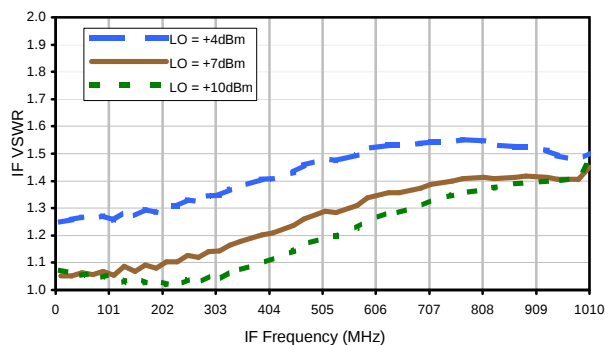
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER	(-dBm)											
	(-dBc)											
0	-	-	8	20	8	34	17	38	24	37	52	52
1	-	13	+0	38	14	37	23	38	37	45	49	39
2	>90	>69	51	60	52	>69	49	65	58	>69	60	>69
3	>90	>69	>69	>69	>69	>69	61	>69	>69	>69	>69	>69
4	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
5	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
6	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
7	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
8	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
9	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
10	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
RF CAL 0 1 2 3 4 5 6 7 8 9 10												

LO HARMONICS ORDER

Test conditions: RF IN: 525 MHz; -14.00 dBm.
LO IN: 555 MHz; +7.00 dBm
IF OUT: 30 MHz; -21.36 dBm

RF HARMONICS ORDER	(-dBm)											
	(-dBc)											
0	-	-	17	30	19	45	28	48	37	48	57	60
1	-	13	+0	35	13	39	24	41	37	49	54	44
2	73	63	42	53	43	59	41	59	50	73	53	66
3	>90	52	47	56	50	55	45	58	58	58	60	64
4	>90	72	74	67	67	72	76	73	62	70	70	74
5	>90	76	78	70	60	75	59	72	60	75	66	>79
6	>90	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
7	>90	>79	>79	>79	>79	>79	78	>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: 525 MHz; -4.00 dBm.
LO IN: 555 MHz; +7.00 dBm
IF OUT: 30 MHz; -11.32 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.