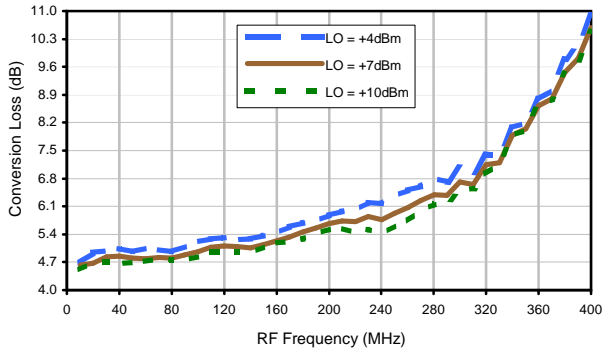
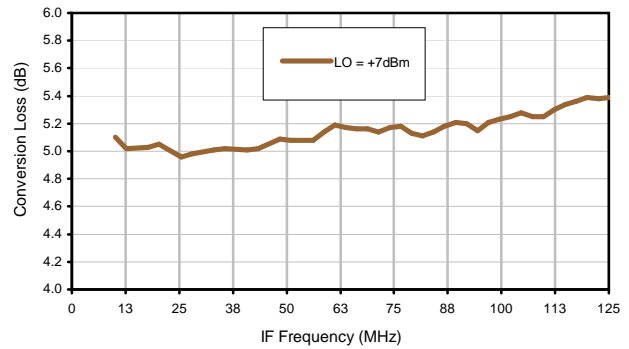


Typical Performance Curves

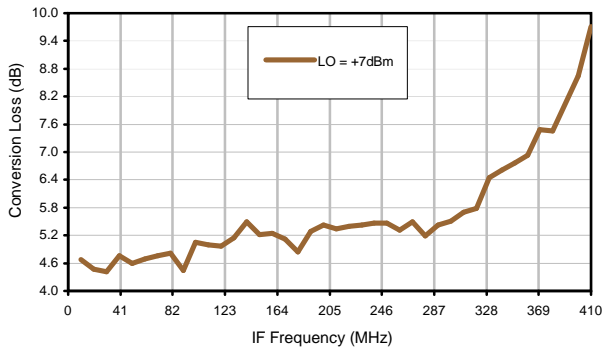
Conversion Loss @ IF=30MHz



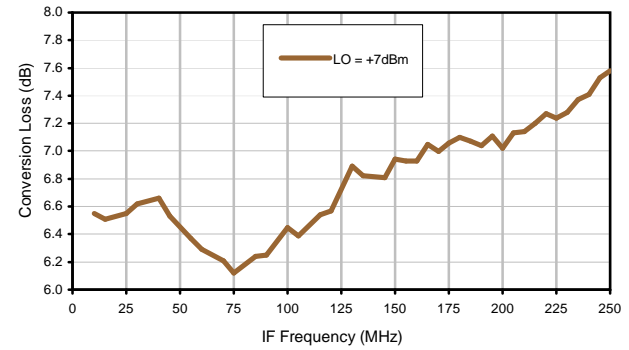
Conversion Loss vs. IF @ RF=135.1MHz



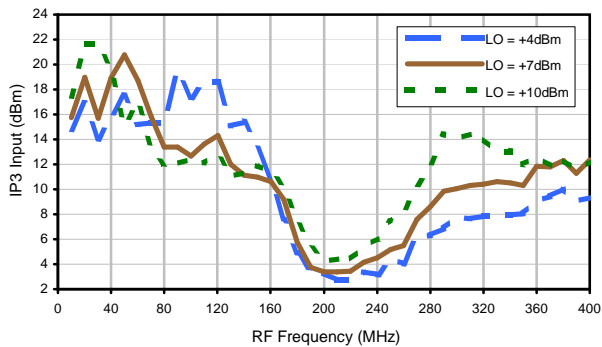
Conversion Loss vs. IF @ RF=10MHz



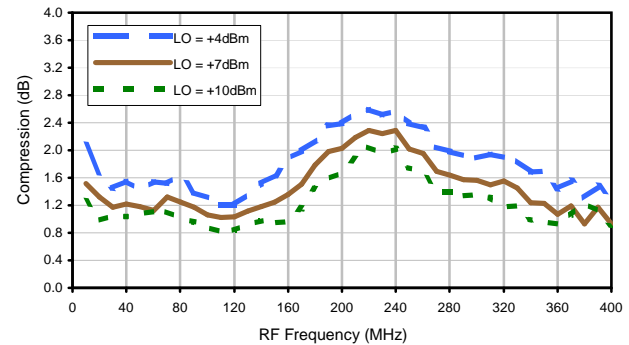
Conversion Loss vs. IF @ RF=260.1MHz



IP3 Input

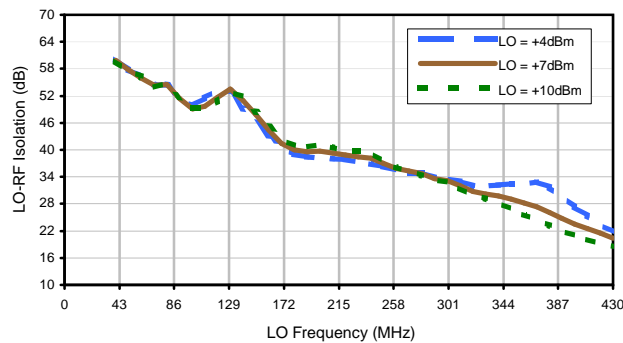


Compression @ RF IN=+1dBm

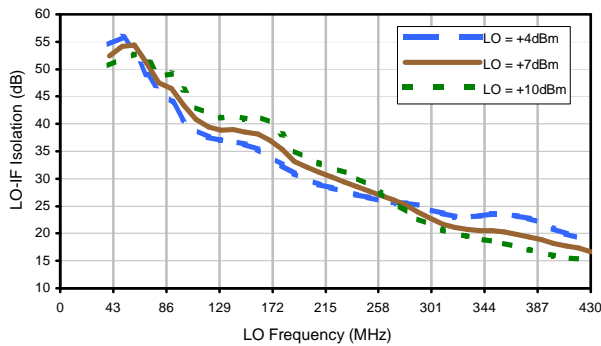


Typical Performance Curves

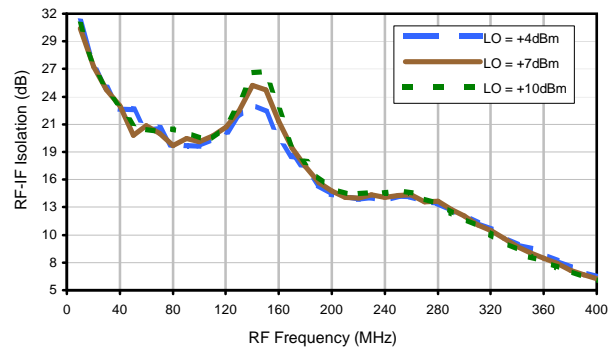
LO-RF Isolation



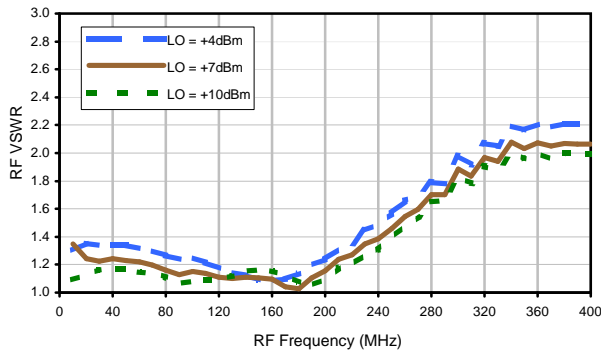
LO-IF Isolation



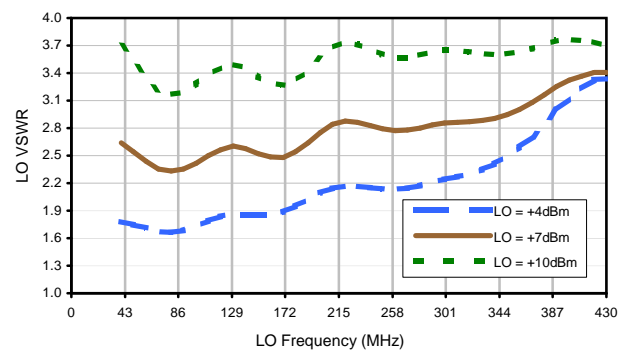
RF-IF Isolation



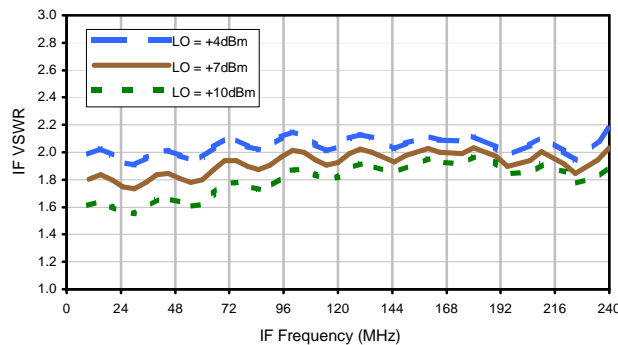
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	13	18	11	36	25	37	29	43	32	40
1	-	18	+0	25	11	35	35	46	39	47	32	49
2	>90	52	42	54	43	52	50	66	59	>71	59	69
3	>90	>71	60	66	61	>71	65	64	63	69	65	69
4	>90	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71
5	>90	>71	>71	>71	>71	62	>71	>71	>71	>71	>71	>71
6	>90	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71
7	>90	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71
8	>90	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71
9	>90	>71	>71	>71	>71	>71	>71	>71	69	>71	>71	>71
10	>90	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 125 MHz; -14.00 dBm.
 LO IN: 155 MHz; +7.00 dBm
 IF OUT: 30 MHz; -19.37 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	24	29	21	45	37	53	42	57	44	70
1	-	18	+0	25	12	35	35	58	48	60	40	67
2	73	46	38	46	38	45	51	60	59	63	55	58
3	>90	53	37	54	39	54	41	56	60	63	56	57
4	>90	69	58	60	54	60	53	63	67	>81	67	77
5	>90	70	60	60	57	63	58	62	75	66	67	66
6	>90	>81	77	>81	>81	67	67	73	67	72	78	78
7	>90	>81	>81	>81	75	71	68	69	68	71	74	74
8	>90	>81	>81	>81	>81	>81	>81	80	>81	>81	>81	>81
9	>90	>81	>81	>81	>81	>81	>81	>81	71	77	77	>81
10	>90	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 125 MHz; -4.00 dBm.
 LO IN: 155 MHz; +7.00 dBm
 IF OUT: 30 MHz; -9.34 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.