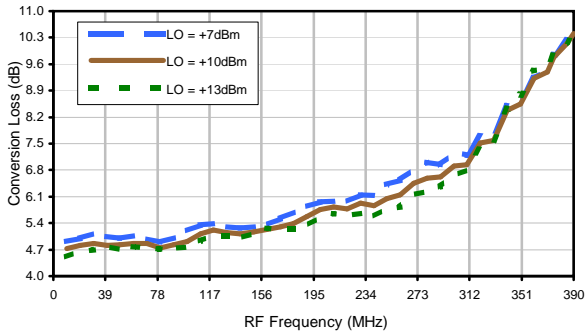
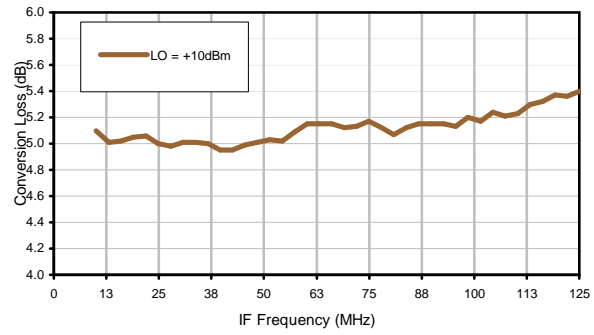


Typical Performance Curves

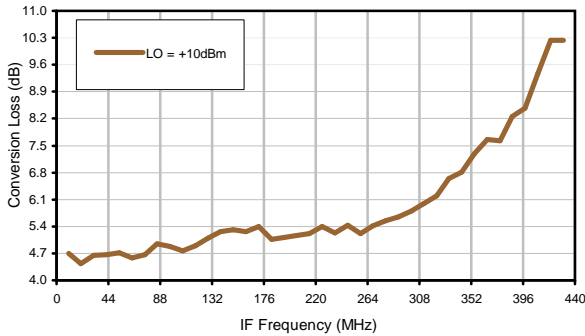
Conversion Loss @ IF=30MHz



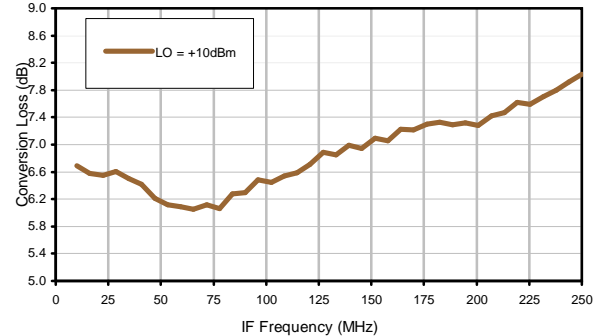
Conversion Loss vs. IF @ RF=135.1MHz



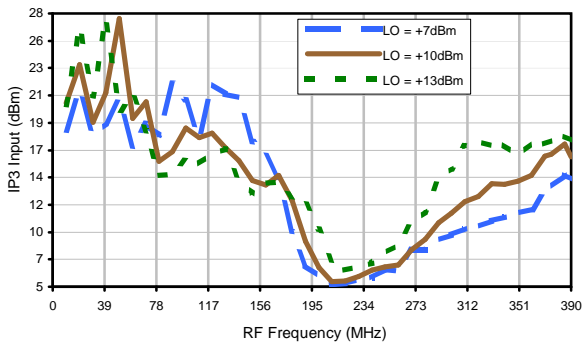
Conversion Loss vs. IF @ RF=10MHz



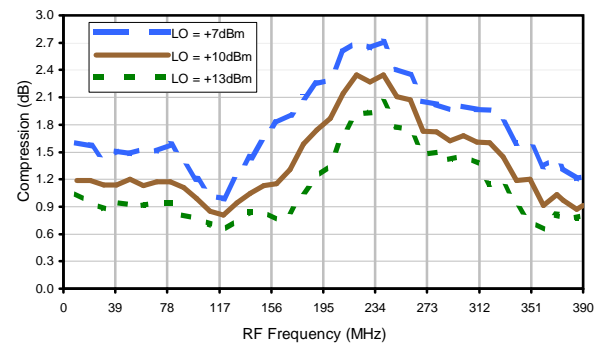
Conversion Loss vs. IF @ RF=260.1MHz



IP3 Input

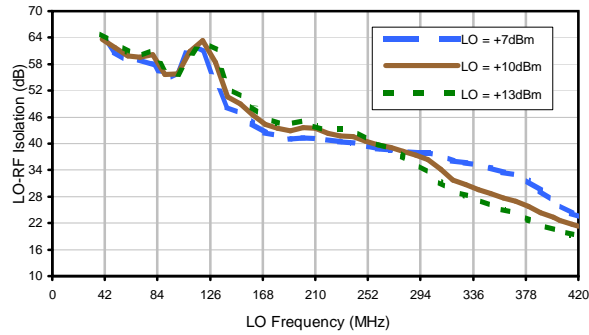


Compression @ RF IN=+5dBm

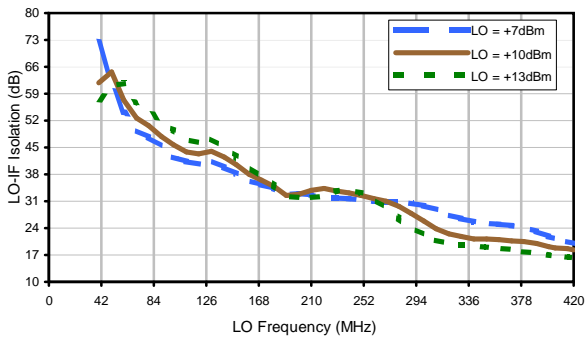


Typical Performance Curves

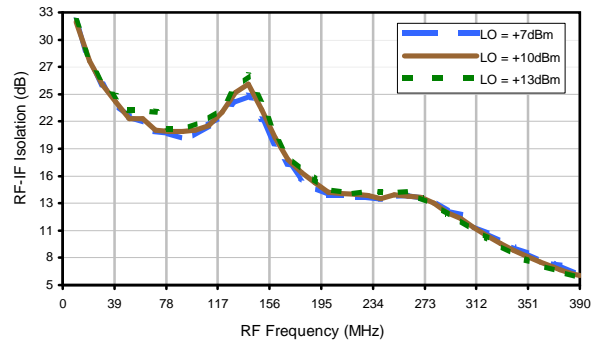
LO-RF Isolation



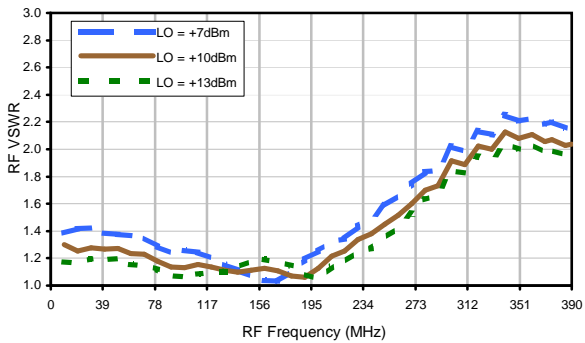
LO-IF Isolation



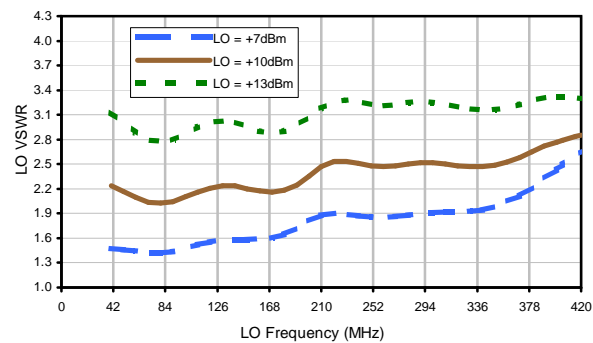
RF-IF Isolation



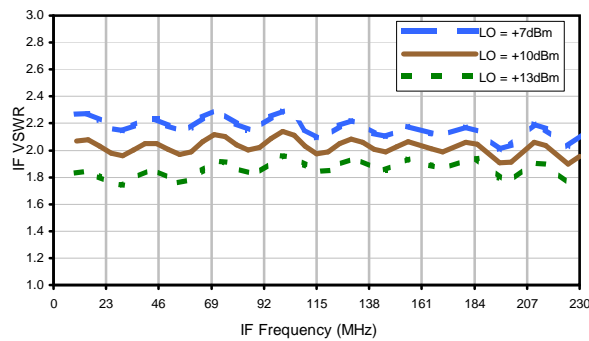
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	11	18	12	40	24	40	38	44	36	48
1	-	20	+0	32	12	36	34	47	34	46	30	49
2	88	56	48	59	50	54	61	67	64	>75	63	69
3	>90	66	59	62	59	69	57	60	56	65	58	67
4	>90	>75	74	>75	>75	72	73	>75	>75	>75	>75	>75
5	>90	>75	>75	74	>75	63	>75	74	73	>75	>75	>75
6	>90	>75	>75	>75	>75	>75	>75	>75	>75	>75	>75	>75
7	>90	>75	>75	>75	>75	>75	>75	>75	>75	>75	>75	>75
8	>90	>75	>75	>75	>75	>75	>75	>75	>75	>75	>75	>75
9	>90	>75	>75	>75	>75	>75	>75	>75	72	>75	>75	>75
10	>90	>75	>75	>75	>75	>75	>75	>75	>75	>75	>75	>75
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 125 MHz; -10.00 dBm.
 LO IN: 155 MHz; +10.00 dBm
 IF OUT: 30 MHz; -15.39 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	23	29	22	50	36	54	49	54	45	65
1	-	21	+0	28	12	34	37	66	42	55	39	52
2	66	48	42	50	42	45	63	63	63	67	59	65
3	>90	63	39	54	41	54	46	57	50	62	50	56
4	>90	67	57	70	62	62	57	67	64	75	68	78
5	>90	66	55	59	58	58	55	56	59	61	60	63
6	>90	>85	82	>85	73	79	73	79	76	74	80	82
7	>90	75	73	74	77	68	65	64	61	66	65	69
8	>90	>85	>85	>85	82	>85	81	81	82	81	78	81
9	>90	84	>85	84	>85	80	74	78	76	72	68	71
10	>90	84	>85	>85	>85	>85	>85	>85	>85	>85	>85	81
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 125 MHz; 0.00 dBm.
 LO IN: 155 MHz; +10.00 dBm
 IF OUT: 30 MHz; -5.28 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.