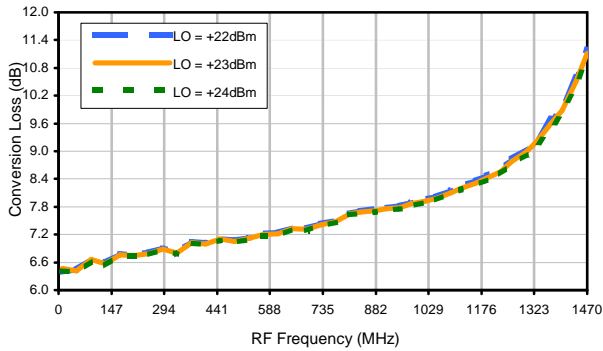
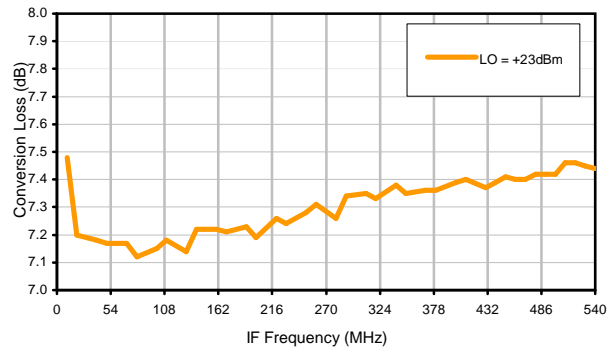


Typical Performance Curves

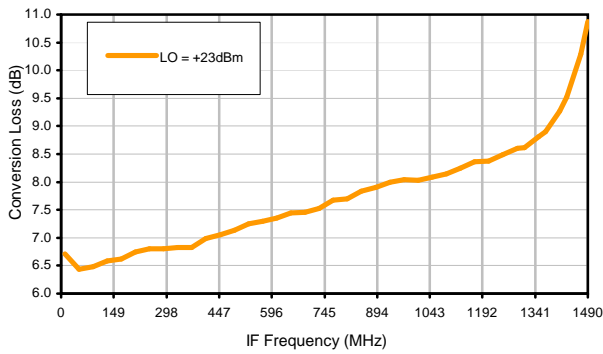
Conversion Loss @ IF=30MHz



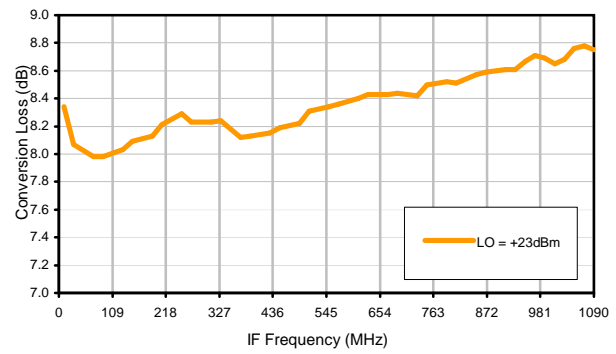
Conversion Loss vs. IF @ RF=550.1MHz



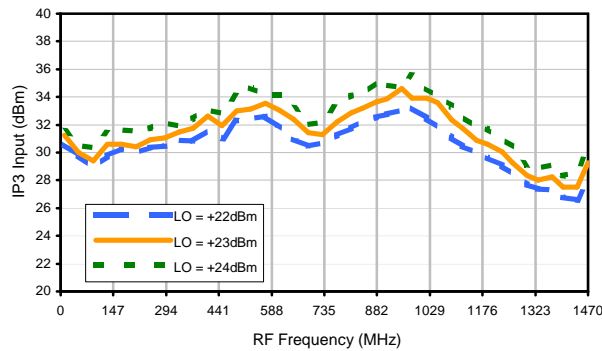
Conversion Loss vs. IF @ RF=10.1MHz



Conversion Loss vs. IF @ RF=1100.1MHz

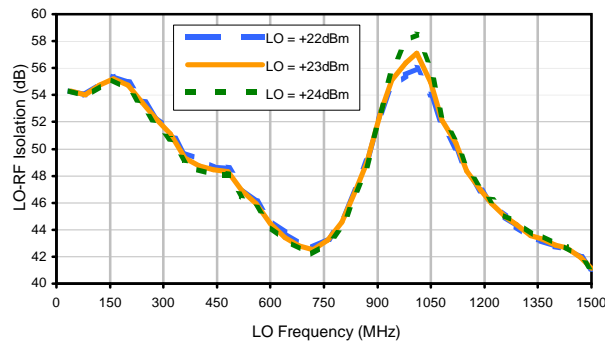


IP3 Input

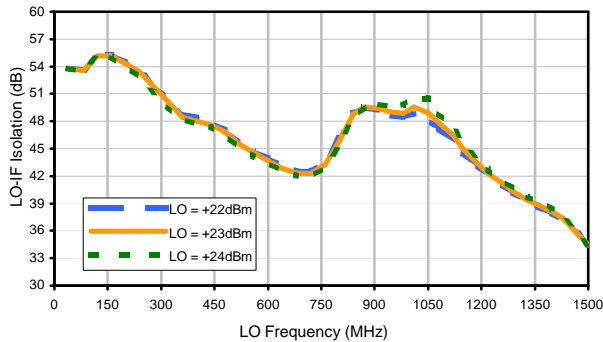


Typical Performance Curves

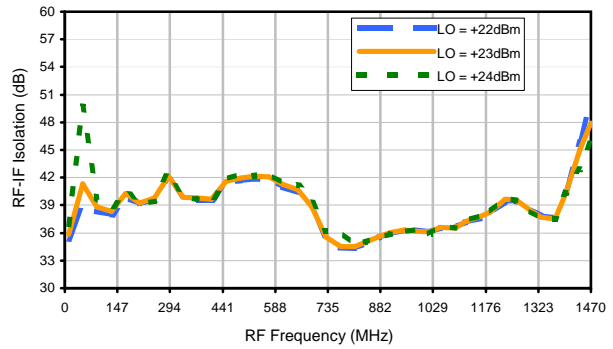
LO-RF Isolation



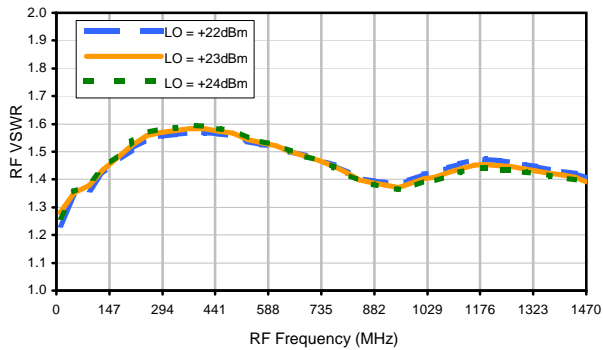
LO-IF Isolation



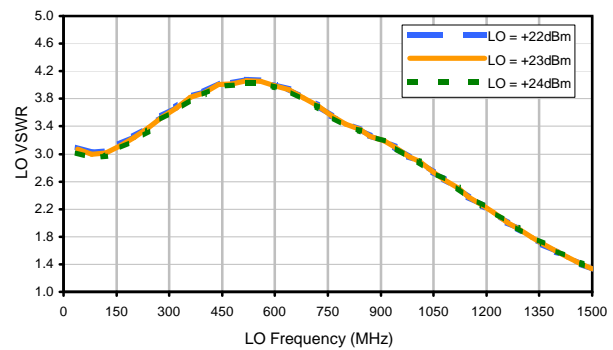
RF-IF Isolation



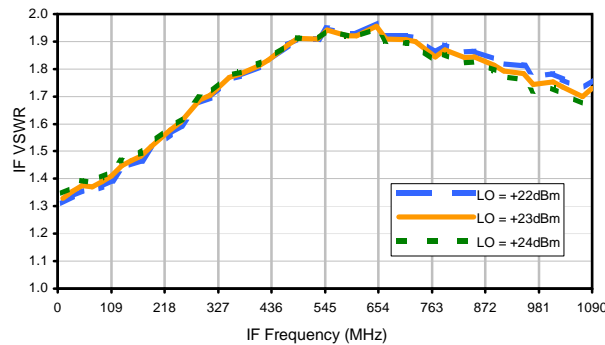
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	14	16	17	38	34	36	39	54	52	54
1	-	34	+0	44	12	47	19	50	30	52	36	48
2	64	55	66	56	64	52	62	56	65	53	62	55
3	>90	>83	76	>83	74	>83	74	>83	75	>83	79	>83
4	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
5	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
6	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
7	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
8	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
9	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
10	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 550 MHz; 0.00 dBm.
 LO IN: 580 MHz; +23.00 dBm
 IF OUT: 30 MHz; -7.23 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	25	26	27	42	43	42	45	48	50	62
1	-	34	+0	44	13	48	19	51	31	52	38	49
2	44	45	53	45	52	42	54	46	55	43	54	45
3	66	73	56	80	54	75	53	72	54	68	58	73
4	89	79	83	76	76	74	75	73	75	73	76	72
5	>90	91	84	84	81	84	81	85	86	90	83	90
6	>90	>93	91	89	87	87	85	86	85	87	85	86
7	>90	>93	>93	>93	>93	>93	>93	>93	91	>93	>93	>93
8	>90	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93
9	>90	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93
10	>90	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 550 MHz; 10.00 dBm.
 LO IN: 580 MHz; +23.00 dBm
 IF OUT: 30 MHz; 2.74 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.