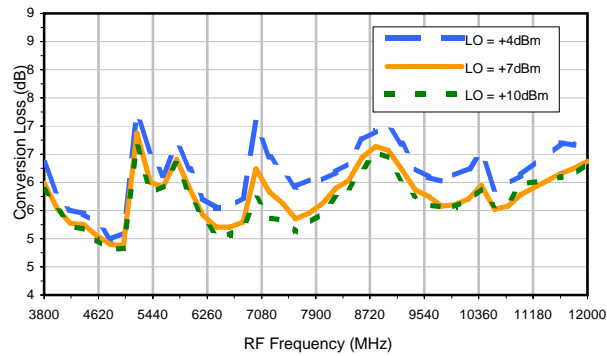
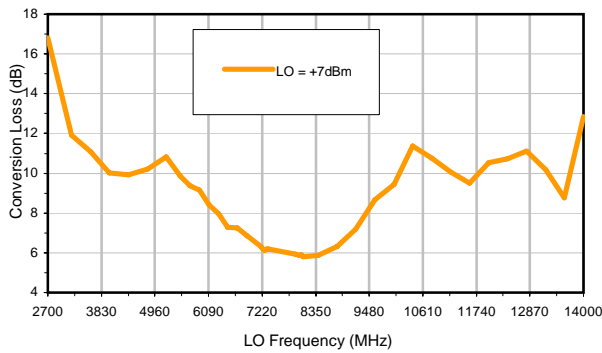


Typical Performance Curves

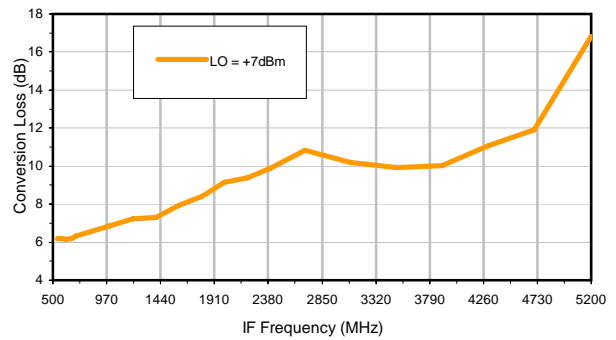
Conversion Loss @IF=30 MHz



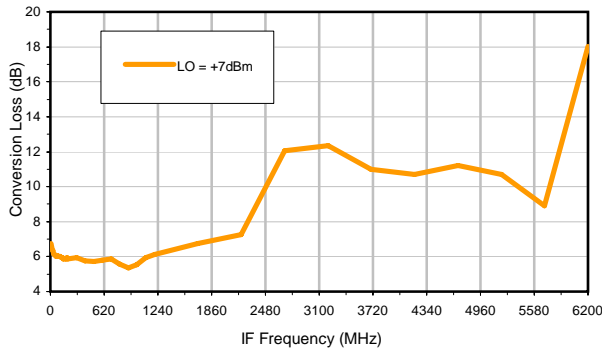
Conversion Loss vs. LO @ RF=7900.1 MHz



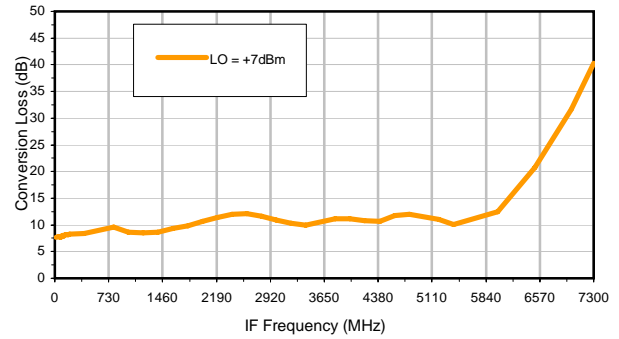
Conversion Loss vs. IF @ RF=7900.1 MHz



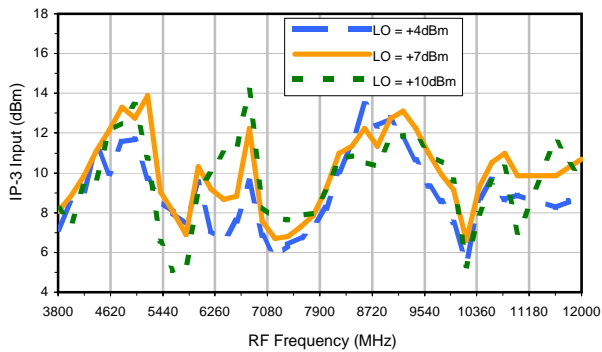
Conversion Loss vs. IF @ RF=3800.1 MHz



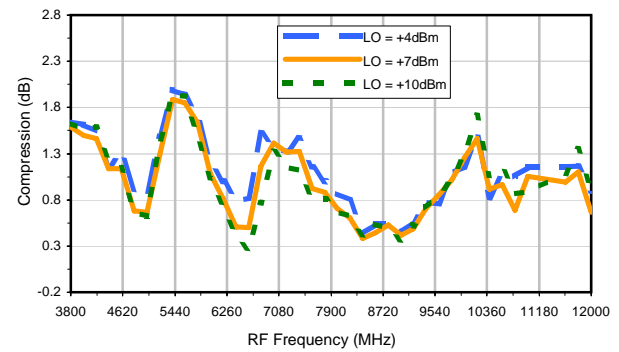
Conversion Loss vs. IF @ RF=12000.1 MHz



IP-3 Input

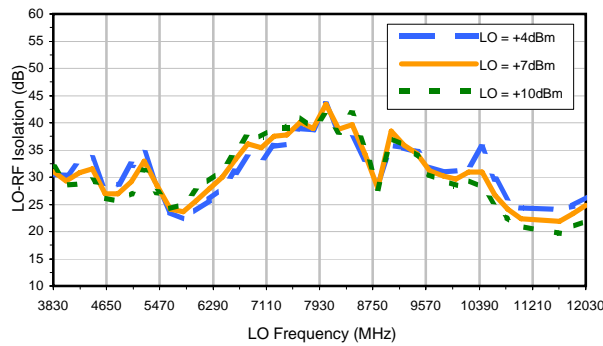


Compression @RF IN=+1 dBm

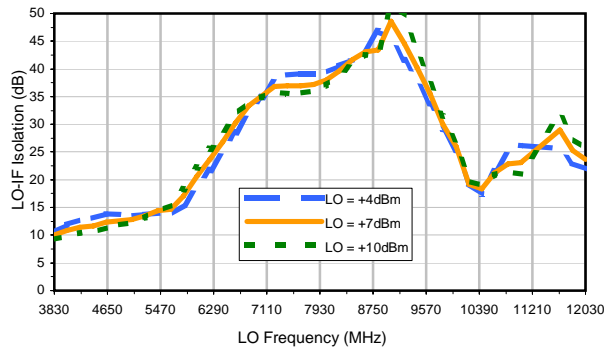


Typical Performance Curves

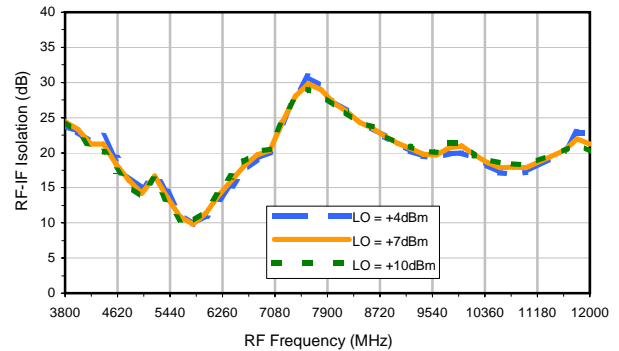
LO-RF Isolation



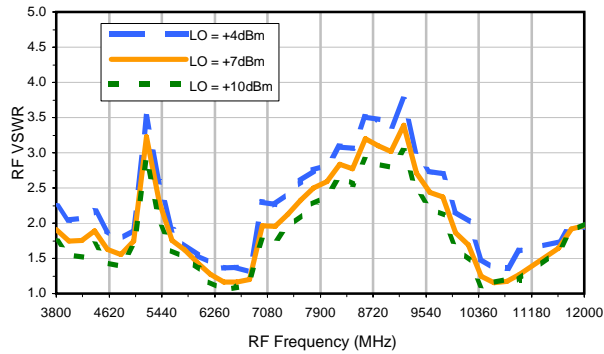
LO-IF Isolation



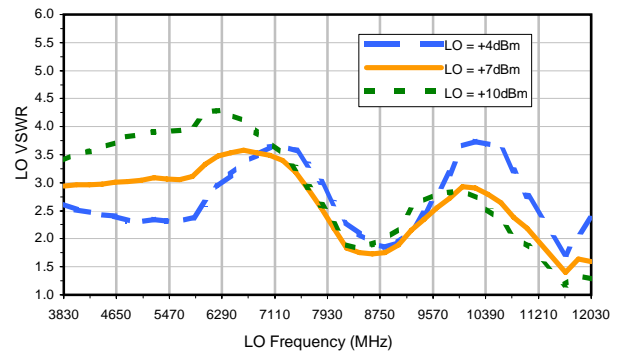
RF-IF Isolation



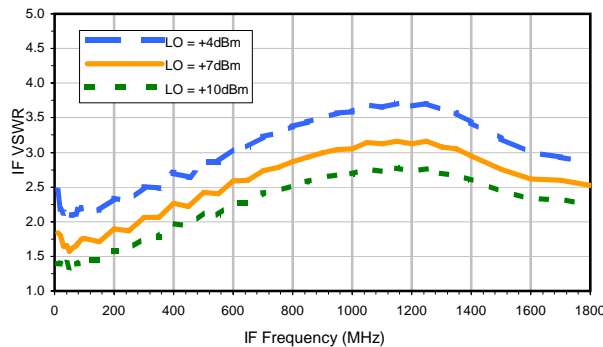
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	11.33	32.81	31.36	---	---	---	---	---	---	---
1	---	24.24	---	45.42	49.95	67.29	---	---	---	---	---	---
2	98.69	62.38	69.84	61.61	74.92	65.21	72.29	---	---	---	---	---
3	130.77	93.36	91.75	81.40	60.44	82.58	97.59	100.67	---	---	---	---
4	---	---	109.46	98.67	105.22	98.72	112.54	94.33	102.90	---	---	---
5	---	---	---	108.35	104.76	105.96	93.28	105.03	103.72	107.89	---	---
6	---	---	---	---	112.46	99.68	105.94	107.65	104.72	105.83	112.88	---
7	---	---	---	---	---	109.88	103.47	104.57	99.89	105.31	103.16	110.46
8	---	---	---	---	---	---	106.36	102.73	103.60	98.54	108.33	102.56
9	---	---	---	---	---	---	---	107.14	99.92	106.15	102.54	105.90
10	---	---	---	---	---	---	---	---	111.64	99.90	104.73	104.98
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 7900.1 MHz; -14 dBm.
 LO IN: 7930.1 MHz; +7.00 dBm
 IF OUT: 30.00 MHz; -19.61 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	21.52	41.36	42.92	---	---	---	---	---	---	---
1	---	24.16	---	46.13	50.85	67.13	---	---	---	---	---	---
2	85.89	51.96	59.76	55.06	65.80	61.83	66.49	---	---	---	---	---
3	117.33	74.01	73.42	63.10	38.01	64.15	79.03	92.83	---	---	---	---
4	---	---	104.65	74.83	85.65	73.28	90.02	71.34	80.73	---	---	---
5	---	---	---	98.10	97.81	85.53	55.40	85.07	94.63	99.39	---	---
6	---	---	---	---	110.08	88.78	98.82	81.12	101.49	82.25	93.56	---
7	---	---	---	---	---	113.29	104.58	99.22	68.03	98.09	99.38	105.81
8	---	---	---	---	---	---	112.93	99.14	103.43	87.61	108.06	92.91
9	---	---	---	---	---	---	---	112.32	106.40	102.71	80.94	107.40
10	---	---	---	---	---	---	---	---	109.84	98.13	105.08	99.91
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 7900.1 MHz; -4 dBm.
 LO IN: 7930.1 MHz; +7.00 dBm
 IF OUT: 30.00 MHz; -9.63 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 represents the Harmonics level of the RF Input Signal to the mixer