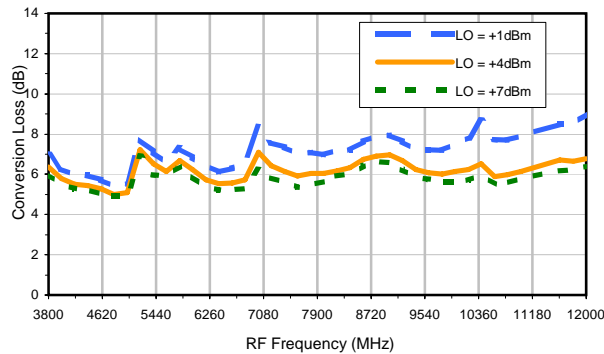
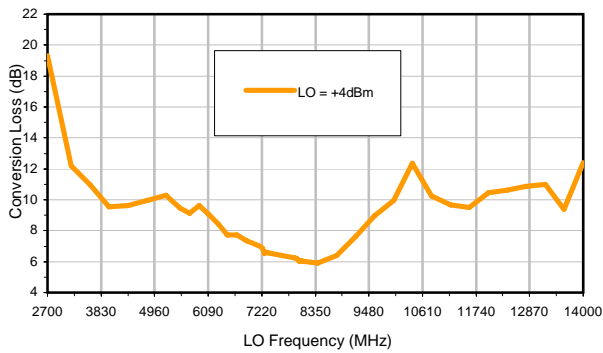


Typical Performance Curves

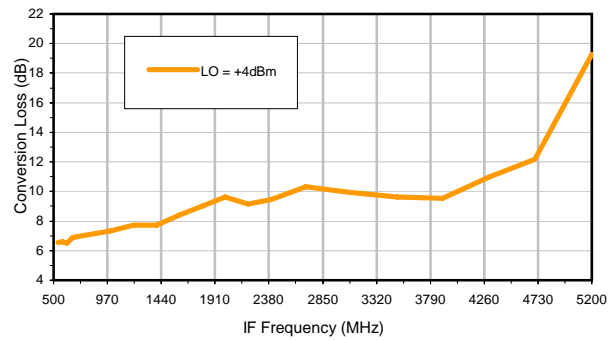
Conversion Loss @IF=30 MHz



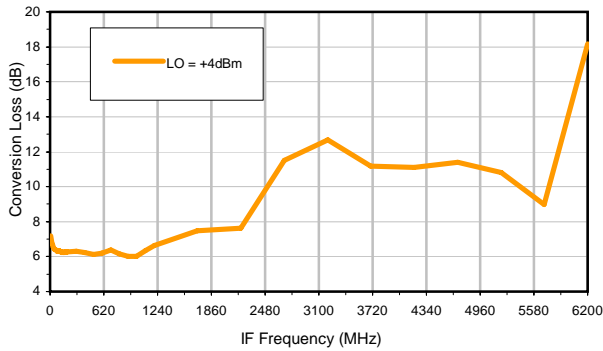
Conversion Loss vs. LO @ RF=7900.1 MHz



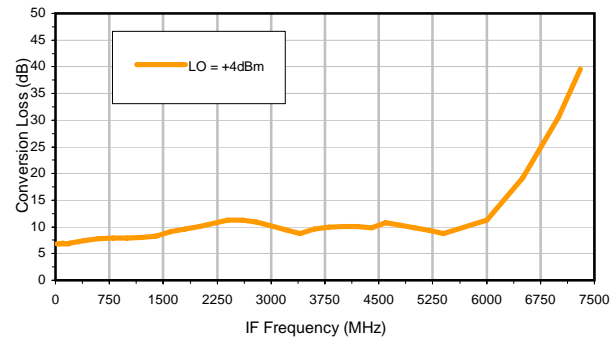
Conversion Loss vs. IF @ RF=7900.1 MHz



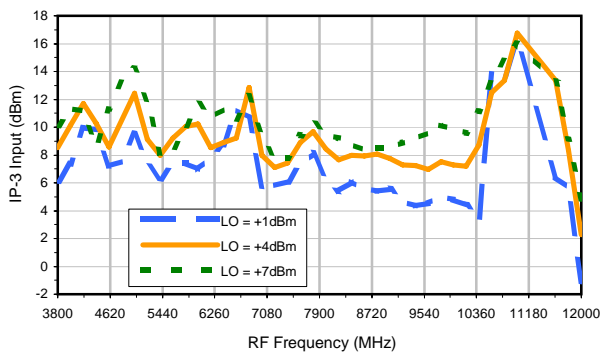
Conversion Loss vs. IF @ RF=3800.1 MHz



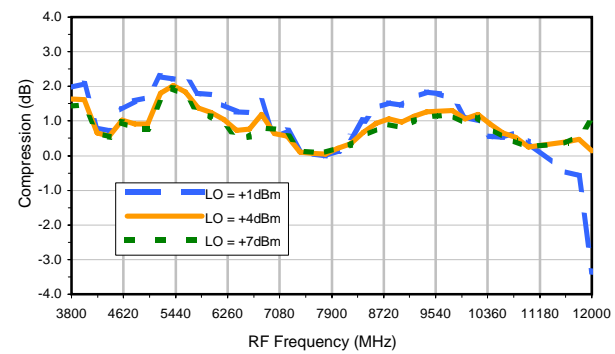
Conversion Loss vs. IF @ RF=12000.1 MHz



IP-3 Input

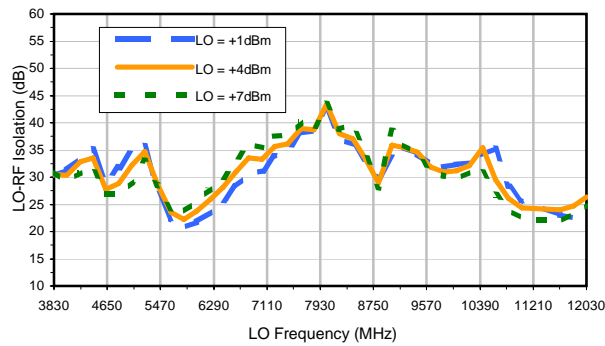


Compression @RF IN=+1 dBm

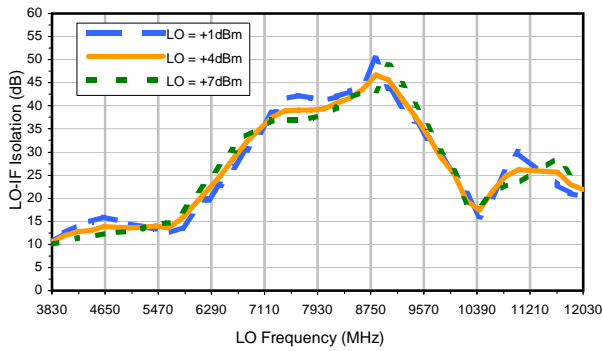


Typical Performance Curves

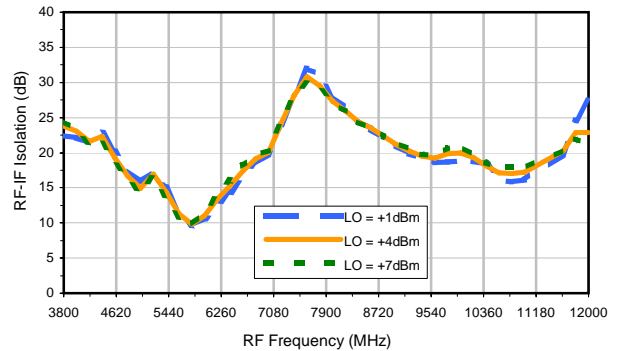
LO-RF Isolation



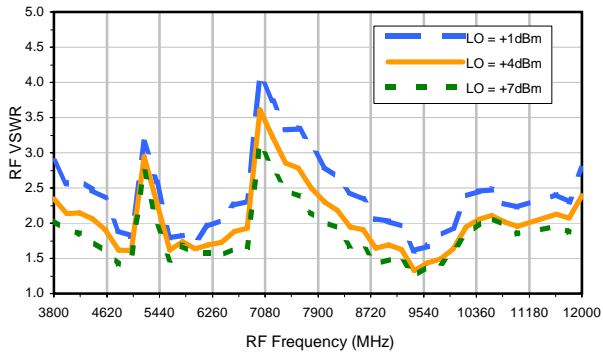
LO-IF Isolation



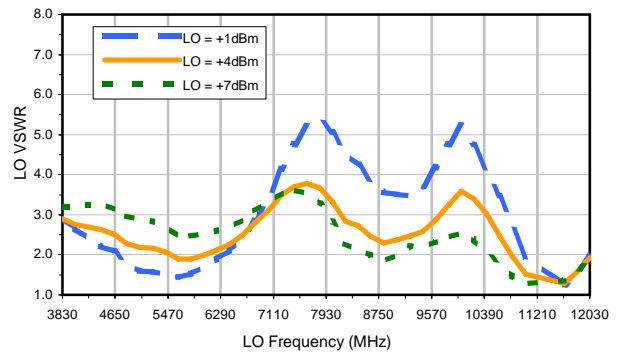
RF-IF Isolation



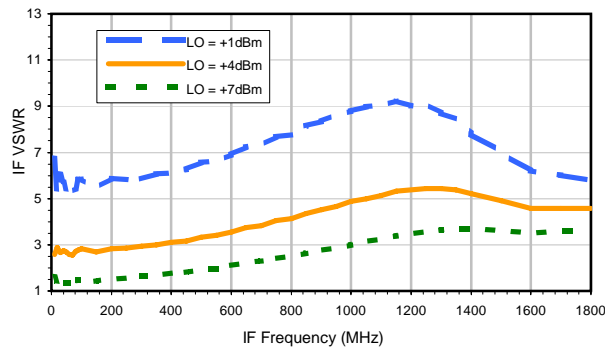
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	14.48	36.61	38.93	---	---	---	---	---	---	
1	---	23.90	---	39.17	51.06	64.78	---	---	---	---	---	
2	99.39	56.27	65.14	56.56	67.13	59.50	76.78	---	---	---	---	
3	133.32	94.20	86.14	77.93	59.09	77.97	88.56	108.20	---	---	---	
4	---	---	112.45	92.33	102.17	97.60	102.27	86.84	106.55	---	---	
5	---	---	---	112.45	103.38	102.32	107.40	110.67	99.40	109.14	---	
6	---	---	---	---	110.11	102.92	105.15	112.17	102.89	100.01	111.16	
7	---	---	---	---	---	111.11	103.20	106.20	105.81	106.85	99.08	104.15
8	---	---	---	---	---	---	108.56	104.14	103.34	100.03	107.04	102.06
9	---	---	---	---	---	---	---	110.41	102.29	108.42	104.28	113.18
10	---	---	---	---	---	---	---	---	106.00	105.26	109.31	109.62
	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; +4.00 dBm
 IF OUT: 30.00 MHz; -20.10 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	24.42	43.44	51.38	---	---	---	---	---	---	
1	---	24.03	---	41.62	52.36	67.40	---	---	---	---	---	
2	86.22	46.18	55.93	47.00	60.24	56.44	72.50	---	---	---	---	
3	117.44	73.32	66.52	59.04	37.12	60.17	76.11	84.99	---	---	---	
4	---	---	109.34	68.00	76.41	68.21	78.39	66.64	85.84	---	---	
5	---	---	---	100.33	87.41	80.80	52.63	80.83	85.76	102.04	---	
6	---	---	---	---	110.00	82.04	90.73	82.30	94.06	76.30	95.89	
7	---	---	---	---	---	105.79	101.68	93.74	65.32	92.19	102.18	109.24
8	---	---	---	---	---	---	110.78	93.93	105.50	91.74	107.15	86.90
9	---	---	---	---	---	---	---	109.15	103.14	100.92	77.59	107.05
10	---	---	---	---	---	---	---	---	113.51	100.22	105.66	99.06
	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; +4.00 dBm
 IF OUT: 30.00 MHz; -10.10 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