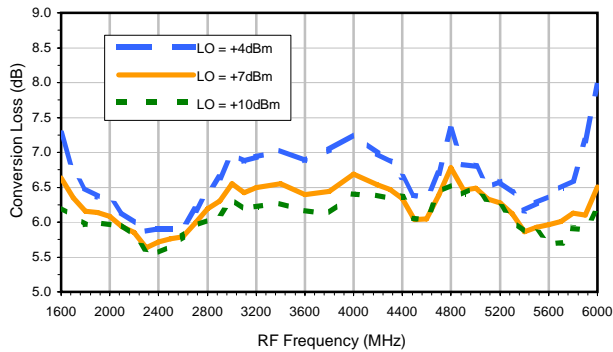
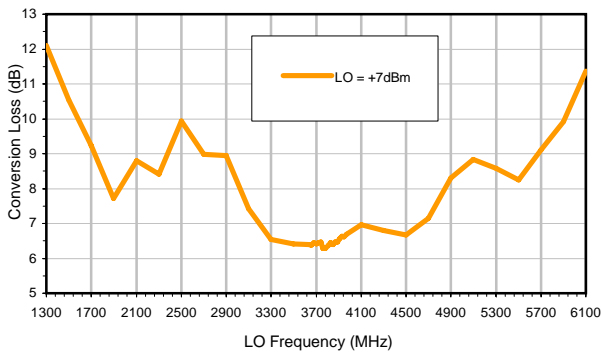


## Typical Performance Curves

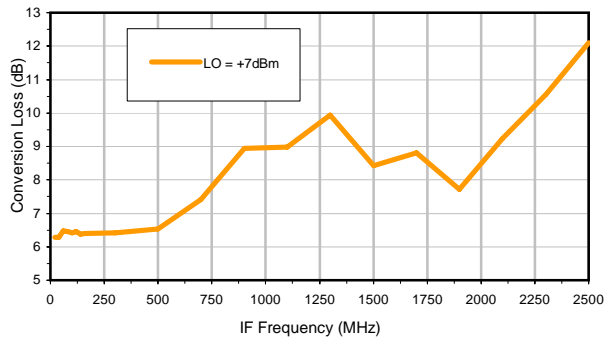
Conversion Loss @IF=30 MHz



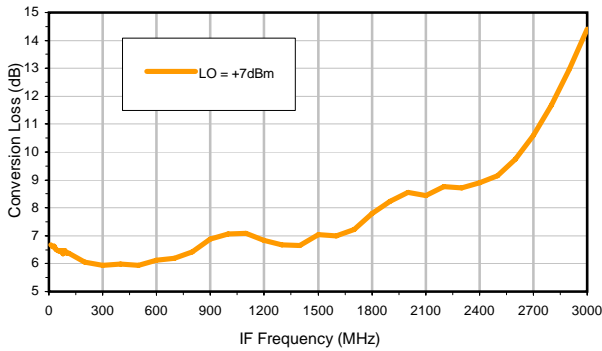
Conversion Loss vs. LO @ RF=3800.1 MHz



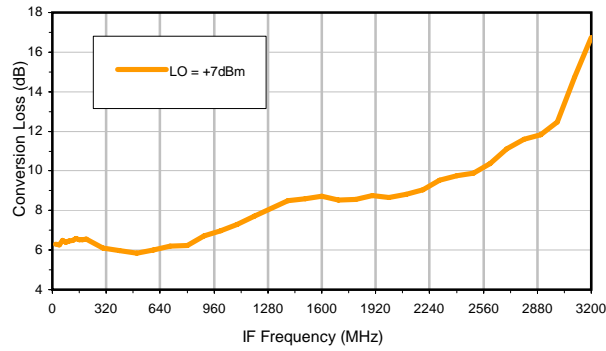
Conversion Loss vs. IF @ RF=3800.1 MHz



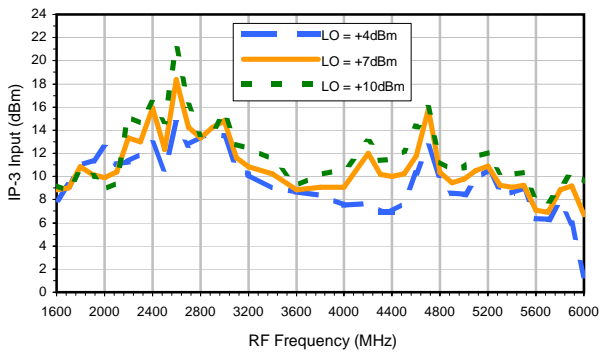
Conversion Loss vs. IF @ RF=1600.1 MHz



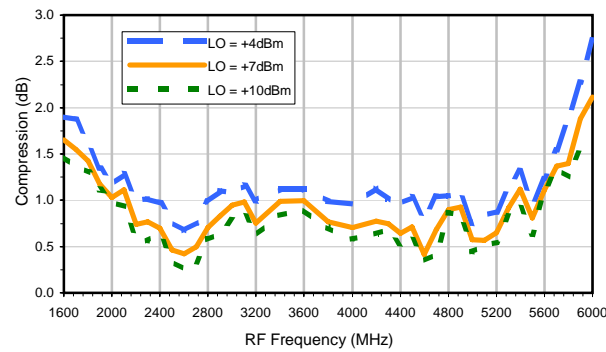
Conversion Loss vs. IF @ RF=6000.1 MHz



IP-3 Input

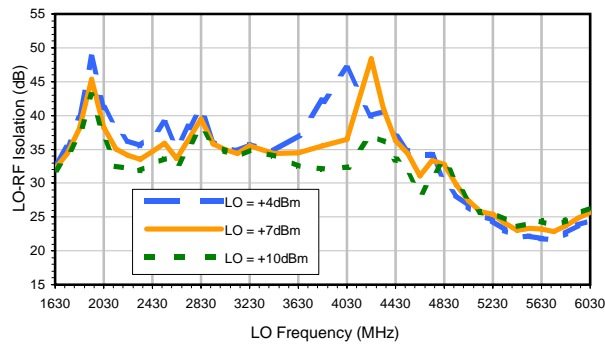


Compression @RF IN=+1 dBm

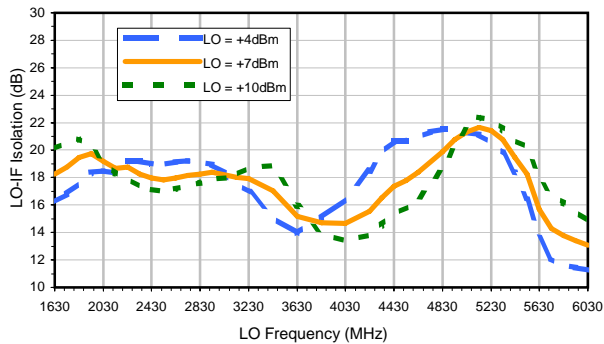


## Typical Performance Curves

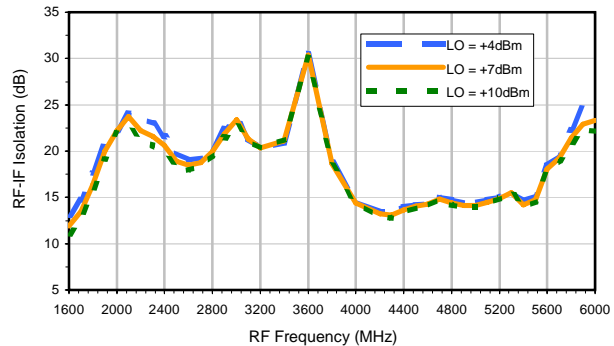
LO-RF Isolation



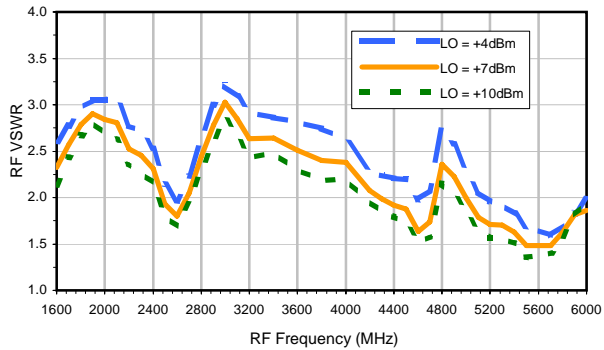
LO-IF Isolation



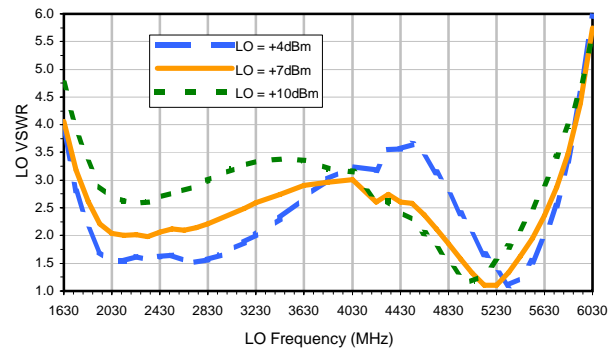
RF-IF Isolation



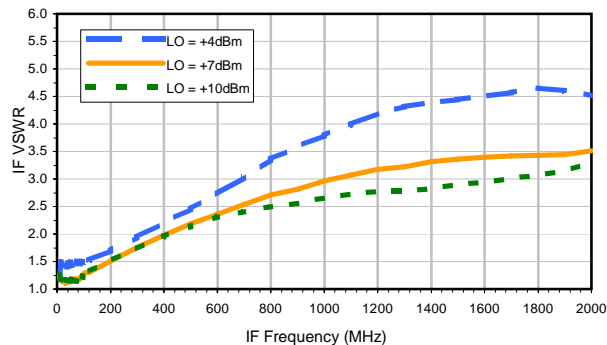
RF VSWR



LO VSWR



IF VSWR



## Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	-13.39	17.74	22.52	28.06	12.59	66.69	---	---	---	---
1	---	11.84	---	34.15	19.07	45.64	31.37	52.70	70.66	---	---	---
2	123.23	52.01	46.04	52.78	47.82	54.53	68.15	52.39	48.70	85.34	---	---
3	134.73	70.06	62.11	79.54	63.53	67.30	85.70	77.07	76.11	74.19	108.25	---
4	127.00	86.26	106.55	91.24	89.62	93.48	85.92	86.97	105.48	81.93	82.77	108.53
5	127.02	97.42	109.30	104.47	100.91	99.55	100.59	94.13	106.20	102.05	102.78	97.21
6	139.07	113.18	99.90	104.98	101.77	103.43	88.22	95.84	85.62	108.81	106.06	107.13
7	---	---	109.73	98.75	109.27	104.03	101.56	89.37	98.15	84.90	105.64	101.07
8	---	---	---	106.43	101.57	101.78	104.47	101.11	107.24	99.13	110.37	106.16
9	---	---	---	---	108.04	101.50	101.87	112.99	107.06	101.85	106.86	106.09
10	---	---	---	---	---	109.89	99.53	104.07	108.12	104.84	107.48	107.69
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

### LO HARMONICS ORDER

Test conditions:

RF IN: 3800.1 MHz; -14.00 dBm  
 LO IN: 3830.1 MHz; +7.00 dBm  
 IF OUT: 30 MHz; -20.40 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	---	-3.39	28.28	33.40	46.60	25.60	87.29	---	---	---	---
1	-	11.87	---	38.24	19.22	46.59	32.28	58.10	76.01	---	---	---
2	109.38	41.41	35.90	44.07	39.23	48.69	59.50	49.10	43.95	90.64	---	---
3	138.03	49.87	41.93	60.12	42.97	49.15	54.55	60.74	57.16	67.52	91.53	---
4	136.16	61.02	80.73	63.54	62.26	60.11	59.60	60.49	89.29	58.96	61.61	91.15
5	127.75	77.95	78.43	75.72	69.72	89.16	57.50	67.82	67.68	77.18	69.62	72.82
6	130.26	109.47	80.23	79.28	92.40	81.80	78.75	79.36	74.89	75.72	95.91	70.81
7	---	---	121.78	93.02	94.03	87.80	87.74	95.79	74.28	80.82	81.37	91.29
8	---	---	---	109.42	99.31	91.60	101.42	91.00	95.19	90.01	87.95	87.17
9	---	---	---	---	116.79	96.54	114.07	104.37	103.23	101.21	88.61	92.54
10	---	---	---	---	---	110.28	102.08	101.50	106.39	103.59	104.12	102.88
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

### LO HARMONICS ORDER

Test conditions:

RF IN: 3800.1 MHz; -4.00 dBm  
 LO IN: 3830.1 MHz; +7.00 dBm  
 IF OUT: 30 MHz; -10.49 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