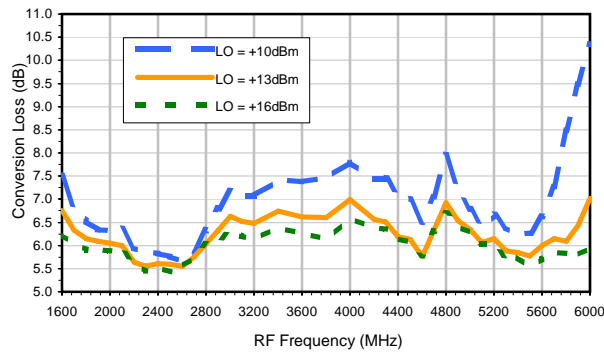
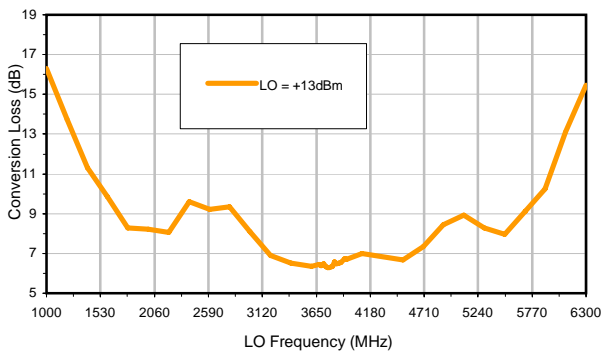


Typical Performance Curves

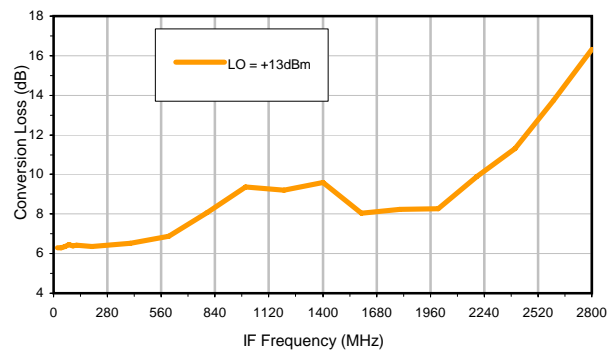
Conversion Loss @IF=30 MHz



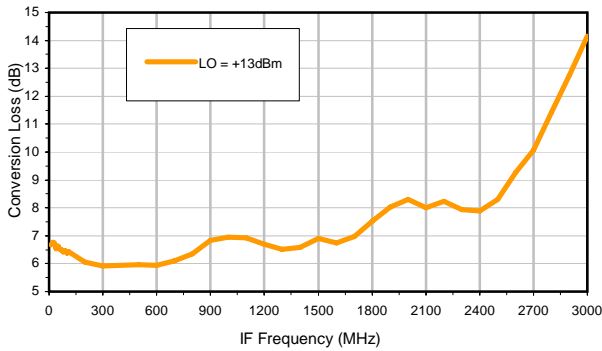
Conversion Loss vs. LO @ RF=3800.1 MHz



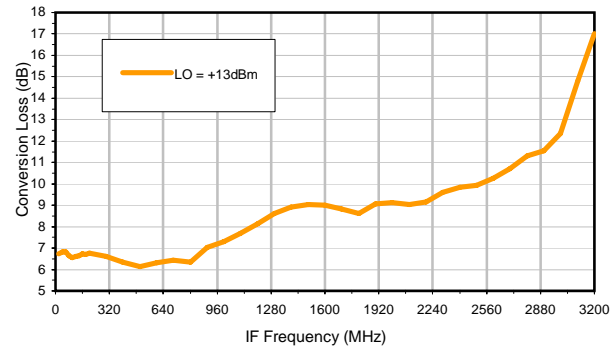
Conversion Loss vs. IF @ RF=3800.1 MHz



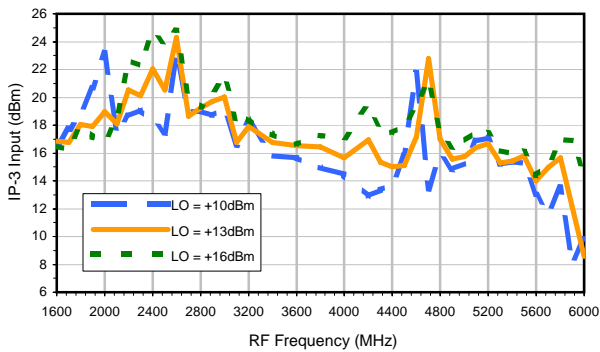
Conversion Loss vs. IF @ RF=1600.1 MHz



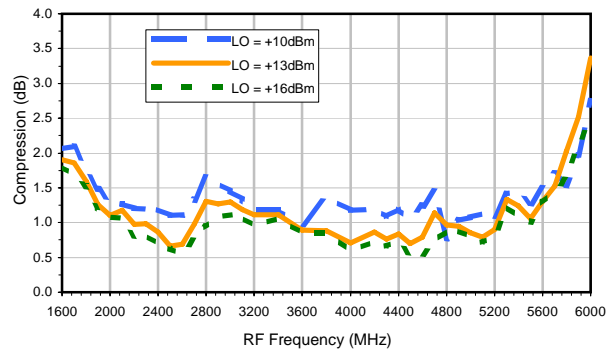
Conversion Loss vs. IF @ RF=6000.1 MHz



IP-3 Input

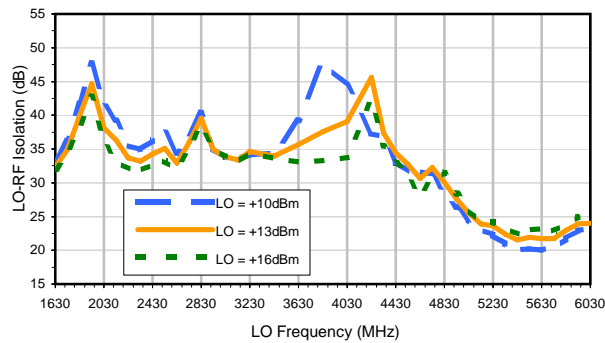


Compression @RF IN=+9 dBm

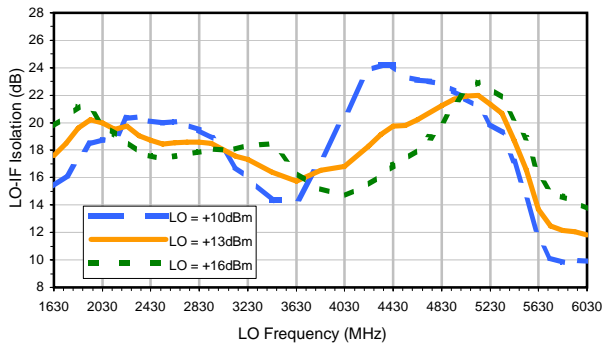


Typical Performance Curves

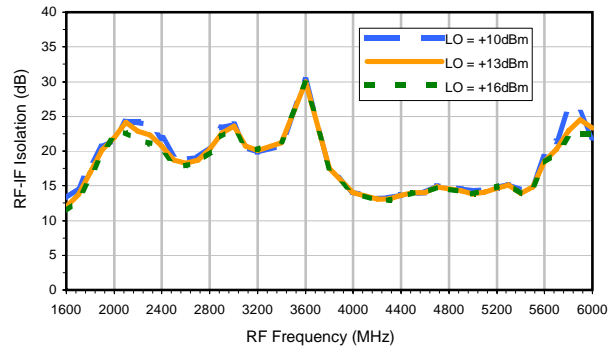
LO-RF Isolation



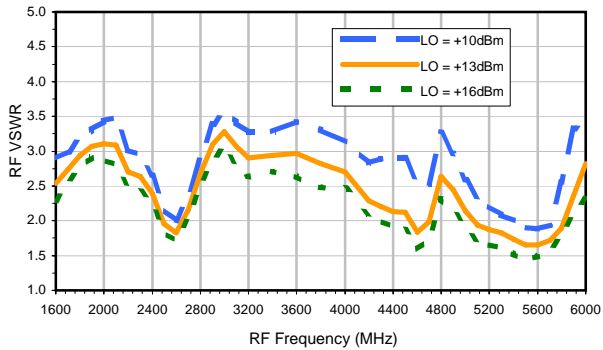
LO-IF Isolation



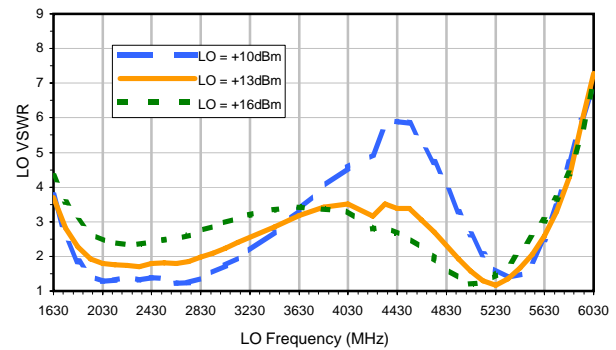
RF-IF Isolation



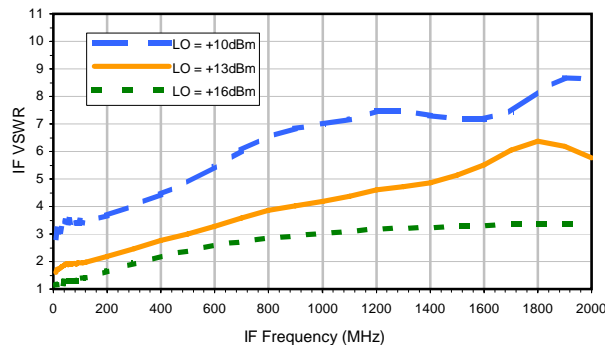
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	-9.71	20.21	23.94	31.10	16.96	70.32	---	---	---	---
1	---	11.38	---	29.87	19.76	45.74	33.36	62.02	73.03	---	---	---
2	116.09	50.94	43.97	51.40	45.63	52.41	71.59	50.64	53.33	85.21	---	---
3	123.05	66.25	57.52	72.74	65.44	65.19	68.69	73.47	72.07	78.65	100.90	---
4	124.97	85.18	102.04	89.79	84.37	90.75	82.36	89.02	100.31	79.43	84.50	108.77
5	119.07	101.46	102.56	102.65	102.99	97.38	91.60	99.62	98.01	107.85	99.18	96.06
6	131.26	114.47	103.56	100.38	104.03	104.74	90.57	98.77	86.48	105.66	108.44	99.32
7	---	---	110.63	98.38	102.68	103.16	103.26	90.03	98.36	86.12	109.32	108.16
8	---	---	---	112.88	100.16	101.56	104.40	103.73	103.30	102.10	108.40	112.03
9	---	---	---	---	108.61	101.30	101.81	103.70	101.83	105.97	108.35	107.19
10	---	---	---	---	---	111.34	103.13	103.96	106.34	105.76	104.26	107.31
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 3800.1 MHz; -6.00 dBm
 LO IN: 3830.1 MHz; +13.00 dBm
 IF OUT: 30 MHz; -12.32 dBm

F
RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	0.33	31.15	35.20	51.28	31.23	89.00	---	---	---	---
1	---	11.14	---	34.10	19.82	50.91	34.05	61.37	82.59	---	---	---
2	106.62	39.50	34.40	41.32	38.21	45.65	61.13	48.05	48.44	102.57	---	---
3	137.85	46.27	37.49	54.30	46.74	46.37	51.78	57.60	66.64	72.73	93.79	---
4	110.65	57.24	81.50	60.59	57.82	60.04	55.13	60.19	84.63	56.81	66.79	93.46
5	105.26	88.79	75.06	77.11	68.83	77.06	55.22	68.56	63.55	73.94	64.68	77.08
6	120.48	116.07	78.83	78.27	97.24	80.87	75.84	75.72	73.80	78.01	94.34	69.09
7	---	---	121.04	95.43	100.67	91.18	81.26	96.83	73.29	75.94	82.02	86.83
8	---	---	---	113.06	90.62	90.18	105.04	91.97	90.71	90.47	84.49	83.21
9	---	---	---	---	111.25	102.65	113.28	98.53	95.05	108.80	85.29	87.39
10	---	---	---	---	---	109.08	97.93	102.16	98.96	104.51	98.91	98.96
	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; +13.00 dBm
 IF OUT: 30 MHz; -2.3 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