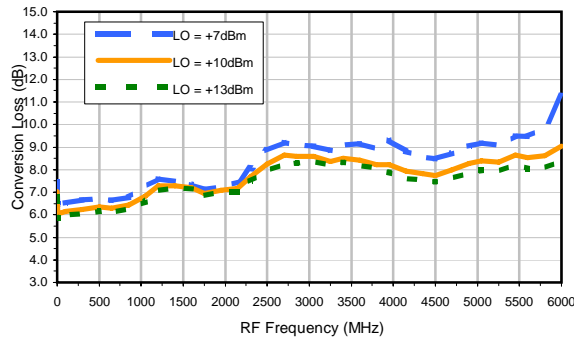
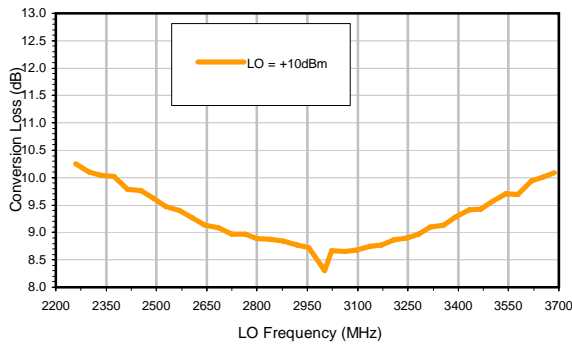


Typical Performance Curves

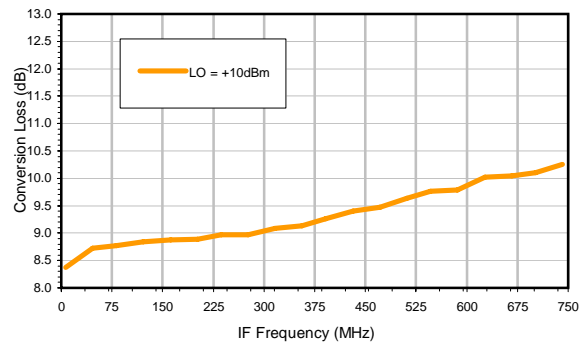
Conversion Loss @IF=30.1 MHz



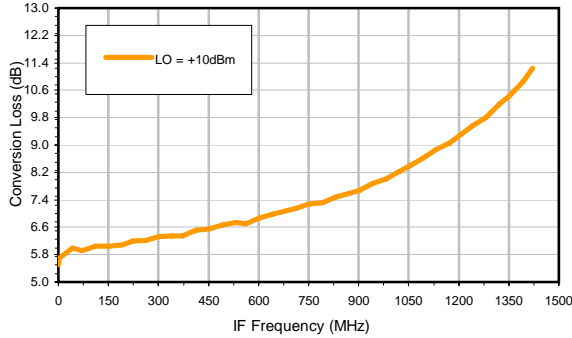
Conversion Loss vs. LO @ RF=3000.5 MHz



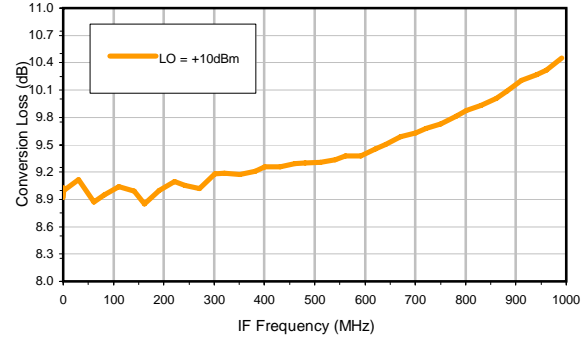
Conversion Loss vs. IF @ RF=3000.5 MHz



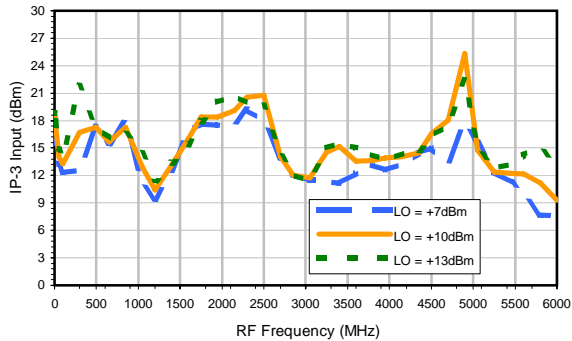
Conversion Loss vs. IF @ RF=10.1 MHz



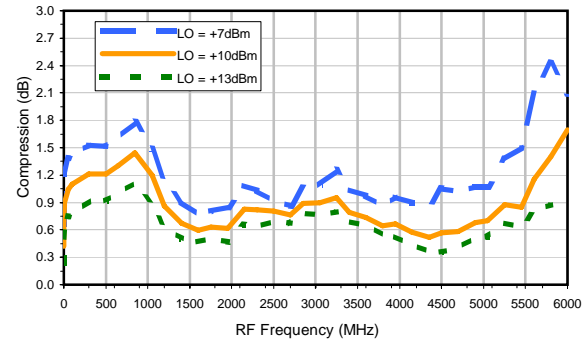
Conversion Loss vs. IF @ RF=6000.1 MHz



IP-3 Input

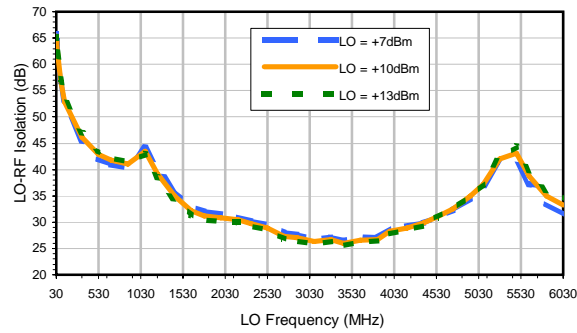


Compression @RF IN=+3 dBm

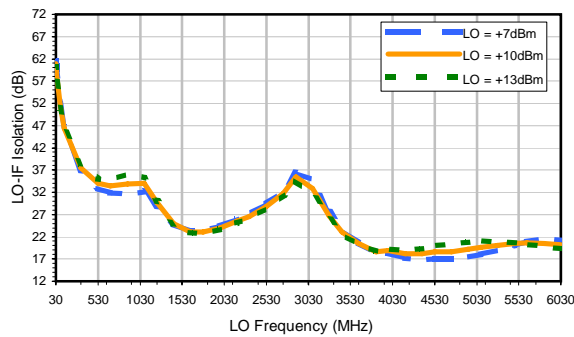


Typical Performance Curves

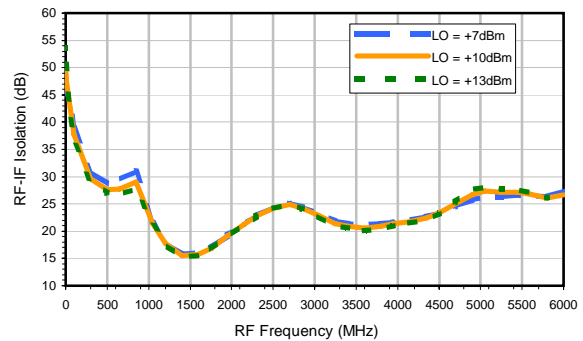
LO-RF Isolation



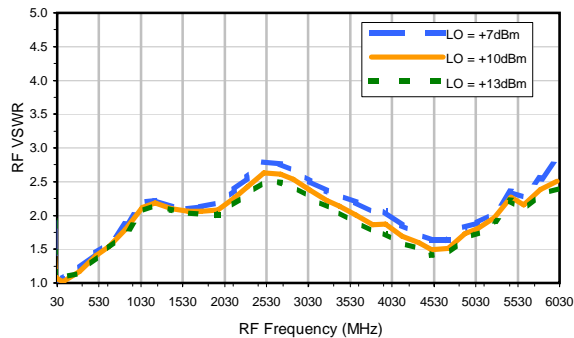
LO-IF Isolation



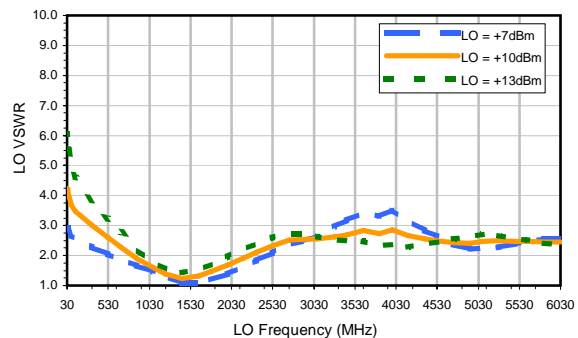
RF-IF Isolation



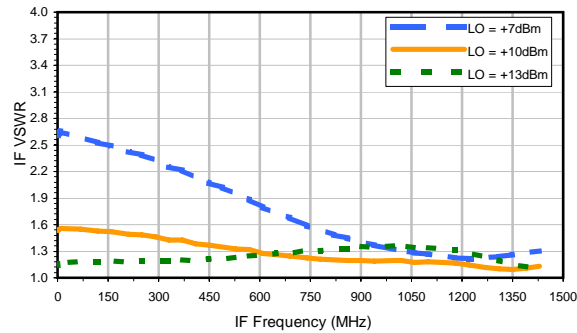
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	6.46	22.00	13.18	39.04	29.66	45.61	38.99	59.01	---	---
1	---	15.46	---	43.26	27.45	40.02	52.64	38.28	49.88	55.19	60.07	---
2	113.32	52.56	54.17	63.68	54.87	57.19	52.54	59.18	60.92	75.36	58.62	83.97
3	129.52	69.67	61.48	68.24	55.61	65.89	73.86	69.84	72.32	61.12	72.39	76.22
4	129.37	92.58	97.04	87.67	88.10	71.26	84.63	80.86	85.88	79.90	76.98	96.73
5	126.77	100.42	106.54	101.61	93.68	97.15	82.96	91.12	97.35	96.96	91.86	82.54
6	124.76	103.85	103.16	106.44	107.83	106.51	107.94	98.16	104.68	106.28	106.98	98.90
7	123.22	101.62	105.09	105.60	107.58	109.34	106.16	107.22	100.77	105.48	107.56	109.46
8	122.27	98.84	100.86	104.25	105.46	106.54	106.63	107.58	108.17	104.61	105.86	106.85
9	123.27	---	96.41	101.69	104.58	104.81	106.83	108.45	107.75	106.84	106.39	105.58
10	122.27	---	---	99.76	101.51	104.86	103.50	105.67	107.08	106.68	107.33	106.56
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 3000 MHz; -10.00 dBm
 LO IN: 3030 MHz; +10.00 dBm
 IF OUT: 30 MHz; -18.44 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	17.00	30.70	24.98	68.89	42.20	68.75	46.23	72.44	---	---
1	---	14.58	---	43.90	28.09	47.15	48.56	50.81	63.72	70.22	69.80	---
2	102.93	43.63	43.71	34.51	46.45	42.94	49.19	52.79	66.06	67.98	61.71	96.97
3	119.13	48.13	41.53	49.75	38.36	54.12	69.92	57.85	64.47	56.09	67.43	72.92
4	118.98	73.63	75.55	73.51	61.79	46.59	57.64	57.23	60.90	64.18	68.15	72.57
5	116.38	62.44	67.74	68.67	63.94	65.68	62.02	64.74	71.44	66.97	76.18	64.38
6	114.37	86.47	80.58	80.97	79.73	69.51	72.68	53.69	70.45	68.09	74.05	73.58
7	112.83	80.85	85.75	71.80	86.62	85.54	75.86	85.87	69.84	79.55	80.21	80.36
8	111.88	100.23	90.31	98.51	87.30	96.08	91.28	76.87	80.85	65.12	77.37	79.51
9	112.88	---	102.78	93.94	95.99	83.43	93.13	94.46	82.74	94.52	76.99	82.49
10	111.88	---	---	109.04	104.90	103.14	90.56	101.95	105.13	85.56	89.79	76.40
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 3000 MHz; 0.00 dBm
 LO IN: 3030 MHz; +10.00 dBm
 IF OUT: 30 MHz; -8.05 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

