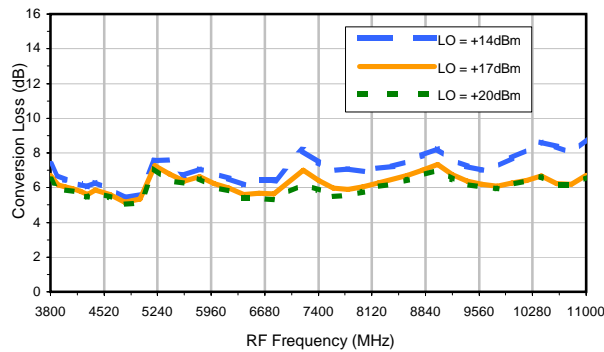
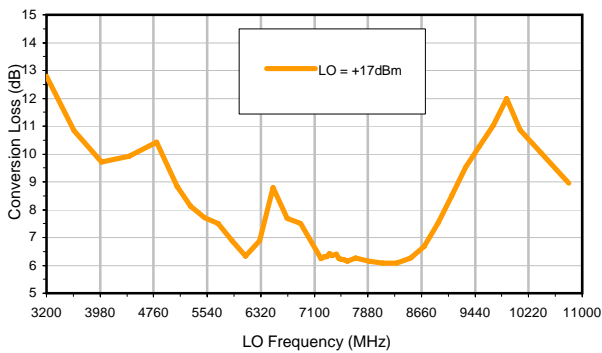


Typical Performance Curves

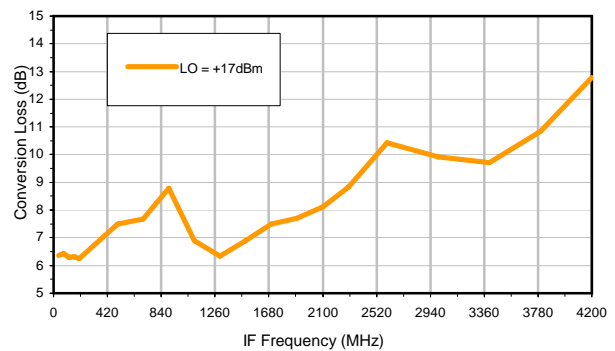
Conversion Loss @IF=30 MHz



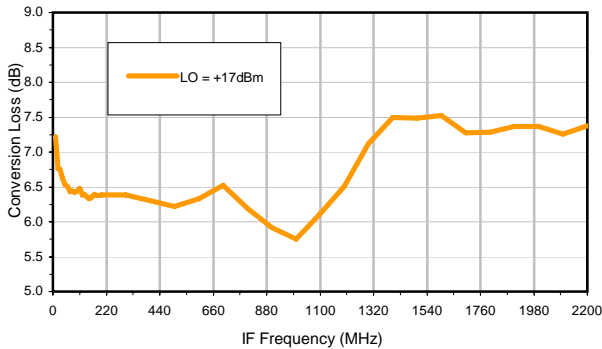
Conversion Loss vs. LO @ RF=7400.1 MHz



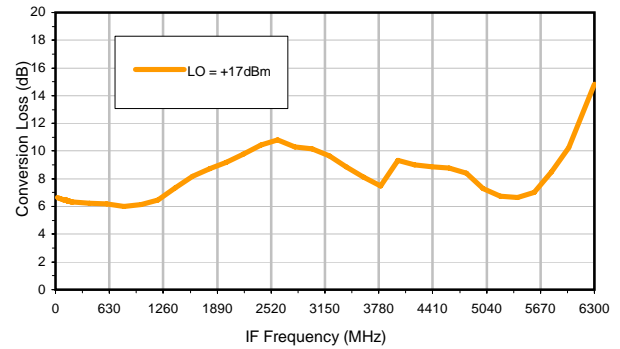
Conversion Loss vs. IF @ RF=7400.1 MHz



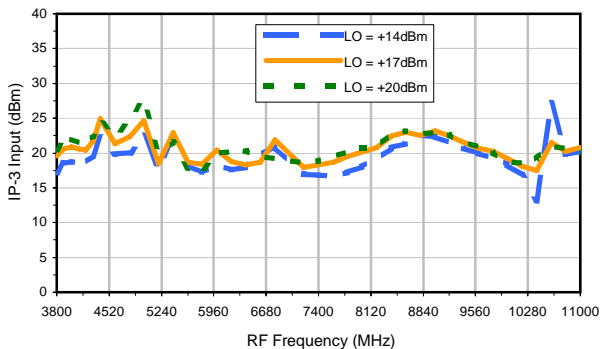
Conversion Loss vs. IF @ RF=3800.1 MHz



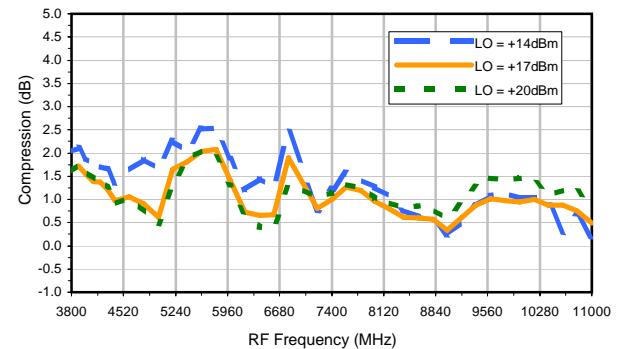
Conversion Loss vs. IF @ RF=11000.1 MHz



IP-3 Input

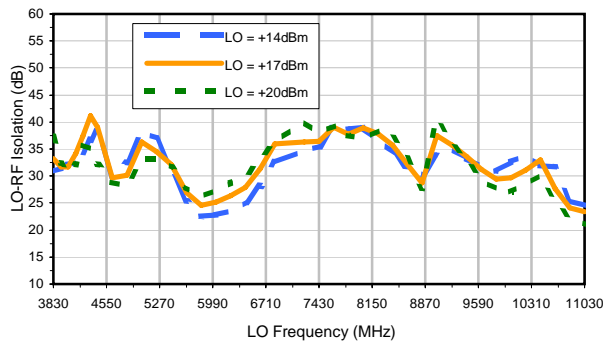


Compression @RF IN=+14 dBm

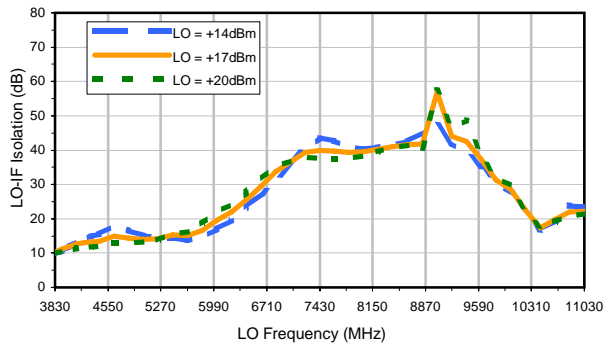


Typical Performance Curves

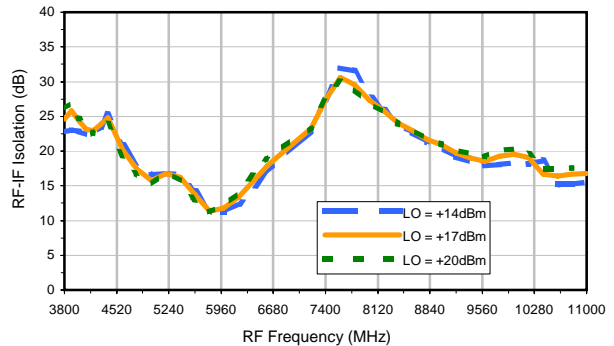
LO-RF Isolation



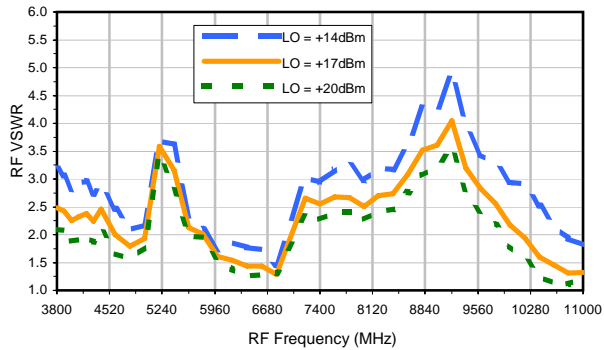
LO-IF Isolation



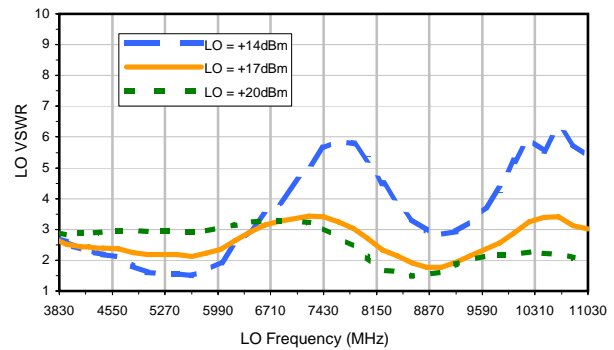
RF-IF Isolation



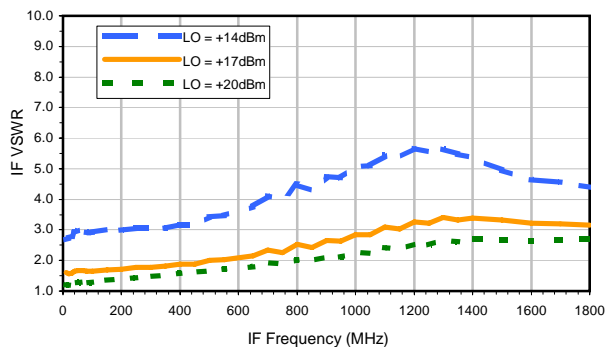
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	11.79	34.71	40.28	---	---	---	---	---	---	---
1	---	16.59	---	32.70	38.13	63.15	---	---	---	---	---	---
2	87.16	62.21	60.92	62.69	72.33	70.18	80.45	---	---	---	---	---
3	111.83	78.34	67.26	77.96	57.24	81.92	80.41	92.98	---	---	---	---
4	---	---	109.87	97.72	103.35	90.38	105.36	97.56	106.24	---	---	---
5	---	---	---	113.67	101.10	104.19	93.92	107.33	104.92	114.27	---	---
6	---	---	---	---	108.68	98.89	107.82	113.57	102.69	101.92	113.79	---
7	---	---	---	---	---	111.68	103.82	110.66	96.97	111.85	99.05	111.75
8	---	---	---	---	---	---	113.78	102.50	106.93	100.42	107.27	107.78
9	---	---	---	---	---	---	---	115.53	109.32	108.40	106.14	108.04
10	---	---	---	---	---	---	---	---	112.69	109.11	111.54	105.96
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 7400.1 MHz; -1.00 dBm
 LO IN: 7430.1 MHz; +17.00 dBm
 IF OUT: 30 MHz; -6.65 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	21.93	44.68	51.62	---	---	---	---	---	---	---
1	---	17.29	---	34.75	37.50	70.19	---	---	---	---	---	---
2	64.48	50.02	51.09	50.19	62.47	63.28	75.63	---	---	---	---	---
3	95.57	57.15	45.93	55.20	33.99	56.59	68.94	73.82	---	---	---	---
4	---	---	80.91	67.48	75.62	57.96	85.94	73.52	87.66	---	---	---
5	---	---	---	81.10	64.61	71.96	49.86	76.03	95.66	88.27	---	---
6	---	---	---	---	100.45	87.00	102.52	78.46	91.21	82.78	101.61	---
7	---	---	---	---	---	97.66	83.00	83.58	61.42	87.27	85.94	94.10
8	---	---	---	---	---	---	115.36	95.67	102.76	79.97	103.26	92.05
9	---	---	---	---	---	---	---	108.67	86.89	90.65	70.96	95.74
10	---	---	---	---	---	---	---	---	112.63	103.68	106.57	90.10
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 7400.1 MHz; +9.00 dBm
 LO IN: 7430.1 MHz; +17.00 dBm
 IF OUT: 30 MHz; +3.45 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