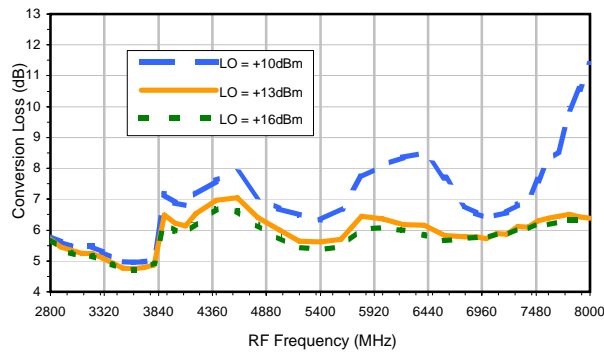
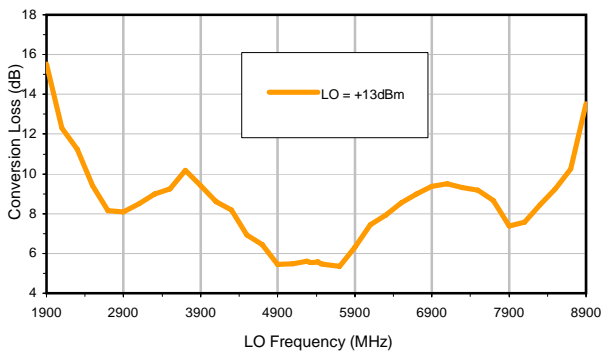


Typical Performance Curves

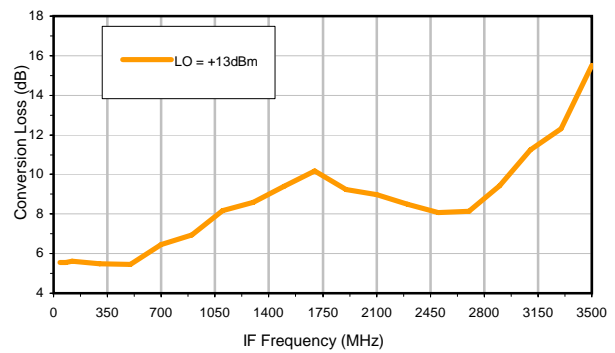
Conversion Loss @IF=30 MHz



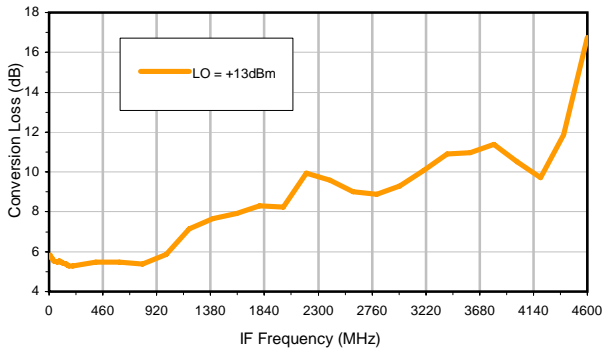
Conversion Loss vs. LO @ RF=5400.1 MHz



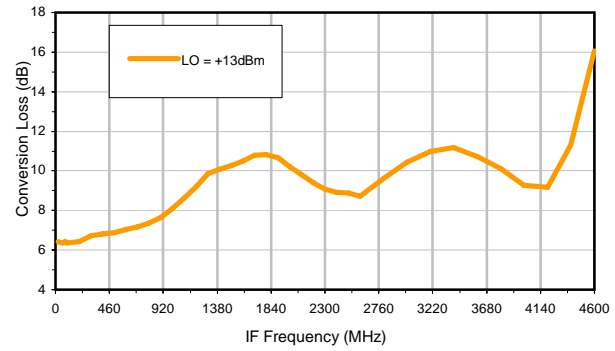
Conversion Loss vs. IF @ RF=5400.1 MHz



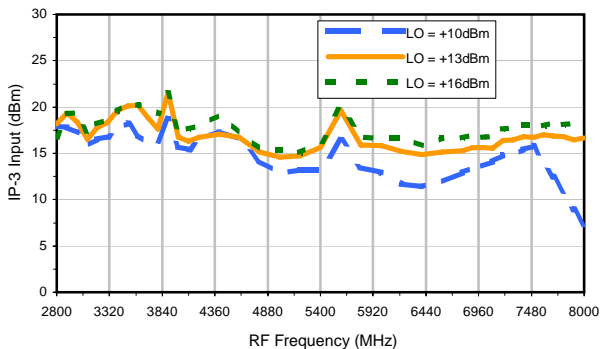
Conversion Loss vs. IF @ RF=2800.1 MHz



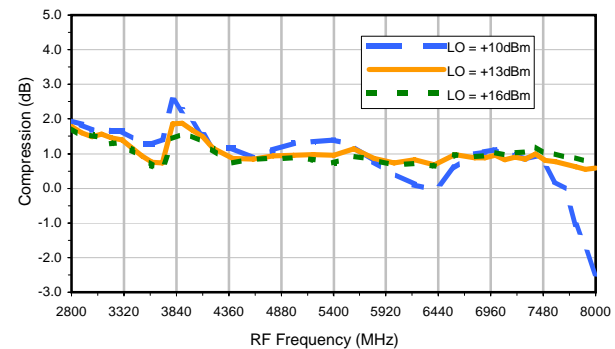
Conversion Loss vs. IF @ RF=8000.1 MHz



IP-3 Input

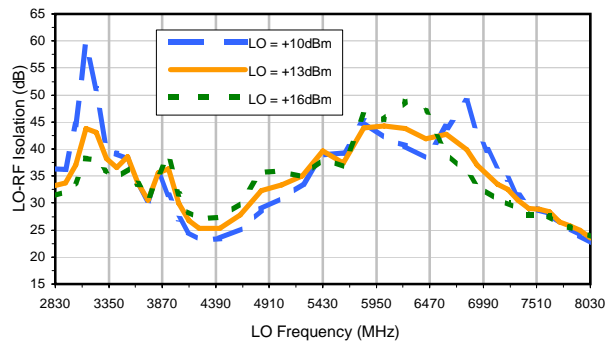


Compression @RF IN=+9 dBm

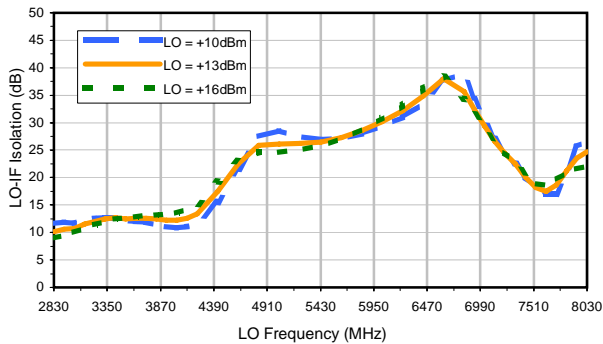


Typical Performance Curves

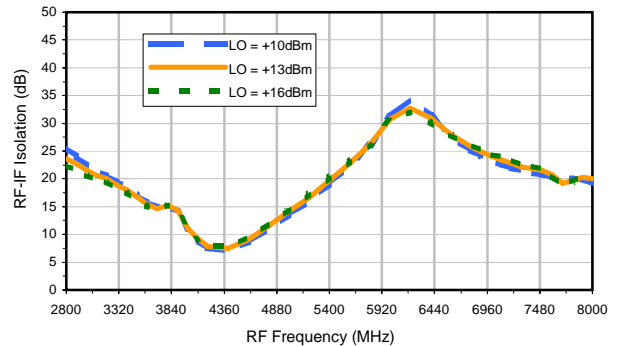
LO-RF Isolation



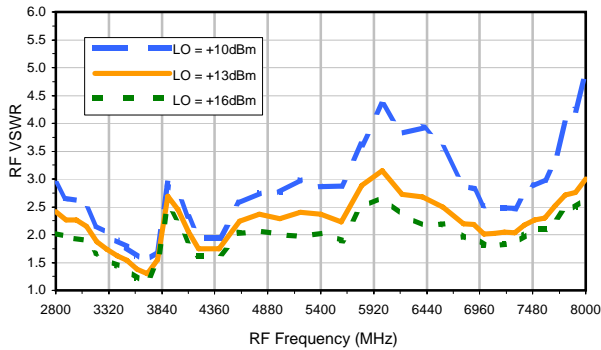
LO-IF Isolation



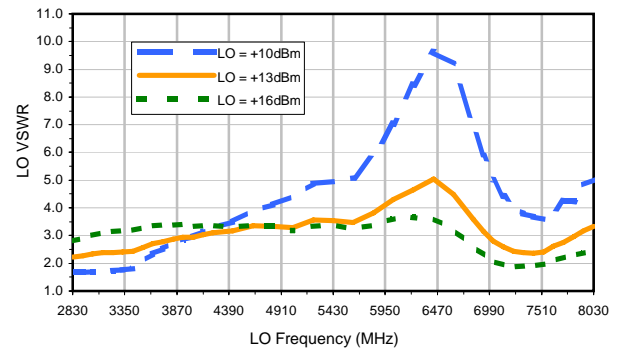
RF-IF Isolation



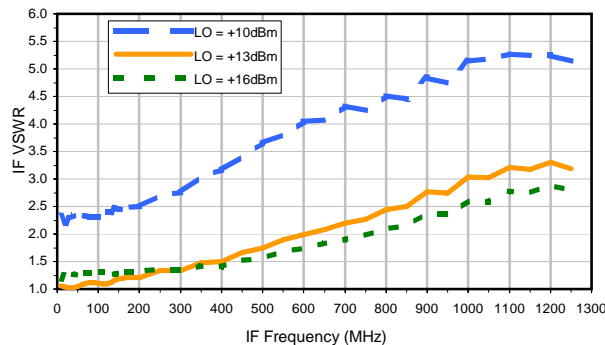
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	3.55	28.99	19.70	66.97	---	---	---	---	---	
1	---	14.33	---	40.87	23.65	51.24	66.90	---	---	---	---	
2	---	59.55	62.34	61.42	66.40	65.27	63.22	94.42	---	---	---	
3	114.97	85.40	62.80	76.76	71.85	75.03	75.47	80.05	92.10	---	---	
4	116.79	110.48	102.05	94.18	103.04	91.01	107.75	92.85	100.75	112.93	---	
5	123.53	---	109.43	105.14	104.18	103.77	107.33	107.70	104.74	99.20	110.45	
6	---	---	---	110.72	100.29	111.58	96.67	108.95	100.96	106.51	103.07	108.27
7	---	---	---	---	117.39	102.16	107.18	107.39	98.30	105.82	104.01	102.16
8	---	---	---	---	---	109.93	98.52	103.56	103.88	100.92	103.35	104.84
9	---	---	---	---	---	---	114.48	104.18	104.41	104.32	113.63	112.67
10	---	---	---	---	---	---	---	115.53	106.86	105.73	109.40	112.32
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 5400.1 MHz; -6.00 dBm
 LO IN: 5430.1 MHz; +13.00 dBm
 IF OUT: 30 MHz; -11.35 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	13.45	38.02	31.43	72.91	---	---	---	---	---	
1	---	14.61	---	41.76	23.66	57.28	73.05	---	---	---	---	
2	---	49.52	52.84	56.45	59.10	58.37	56.65	88.90	---	---	---	
3	100.84	64.51	42.71	59.14	50.60	56.87	56.85	63.29	77.73	---	---	
4	118.22	88.53	81.38	68.23	76.52	71.93	79.26	70.38	74.40	104.93	---	
5	97.10	---	90.09	95.27	74.01	78.65	59.91	79.17	69.54	78.05	91.03	
6	---	---	---	113.51	98.97	84.40	89.93	76.54	95.32	78.34	85.01	107.21
7	---	---	---	---	121.64	98.04	91.27	94.15	77.08	100.03	80.23	91.85
8	---	---	---	---	---	117.08	107.38	95.19	98.13	87.83	116.98	89.37
9	---	---	---	---	---	---	107.05	102.58	99.05	95.50	94.54	110.37
10	---	---	---	---	---	---	---	114.01	97.27	96.59	108.90	97.38
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 5400.1 MHz; 4.00 dBm
 LO IN: 5430.1 MHz; +13.00 dBm
 IF OUT: 30 MHz; -1.36 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