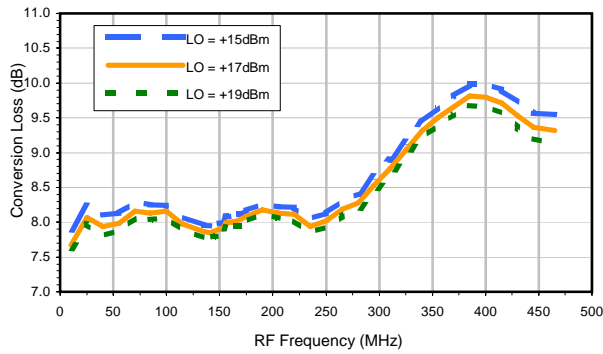
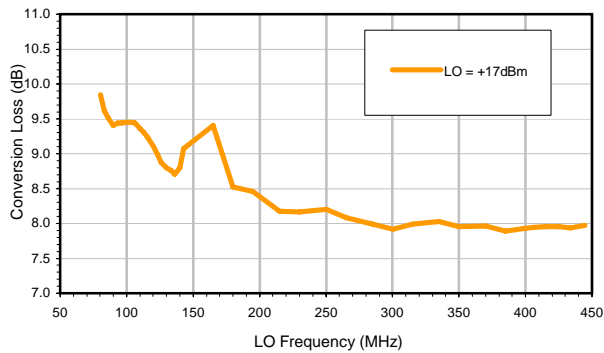


Typical Performance Curves

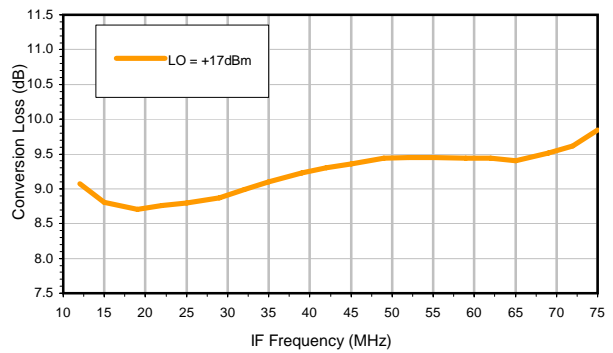
Conversion Loss @IF=224 MHz



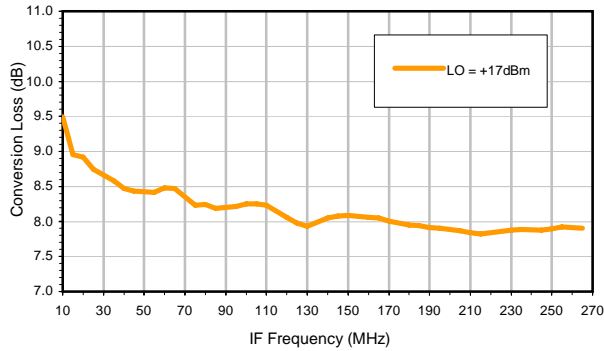
Conversion Loss vs. LO @ RF=155.1 MHz



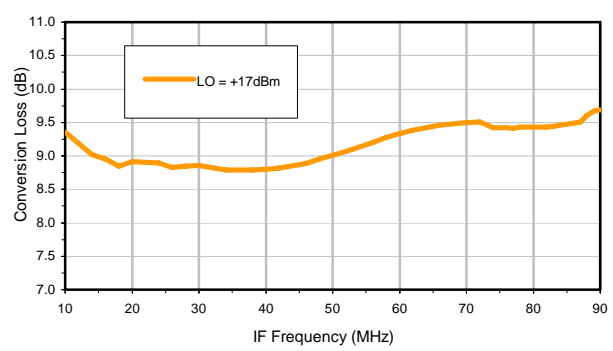
Conversion Loss vs. IF @ RF=155.1 MHz



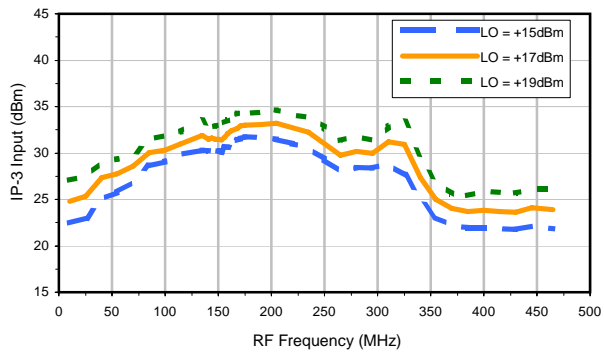
Conversion Loss vs. IF @ RF=135.1 MHz



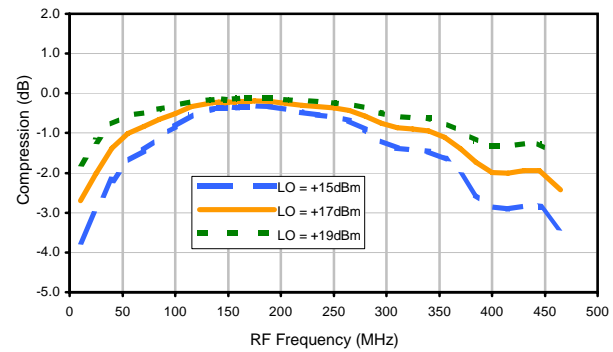
Conversion Loss vs. IF @ RF=175.1 MHz



IP-3 Input

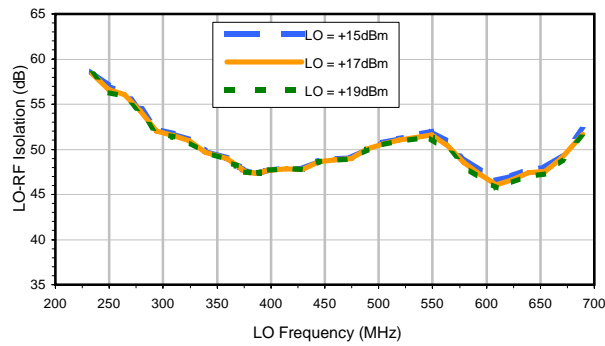


Compression @ RF IN = +20 dBm

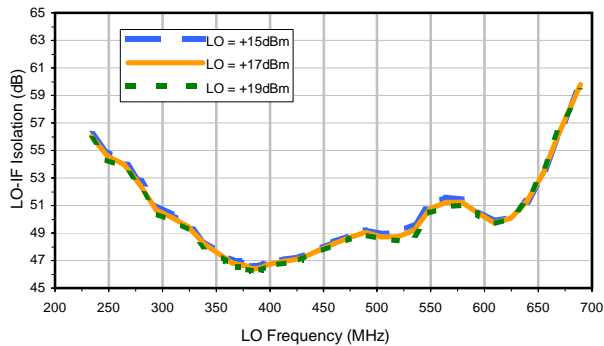


Typical Performance Curves

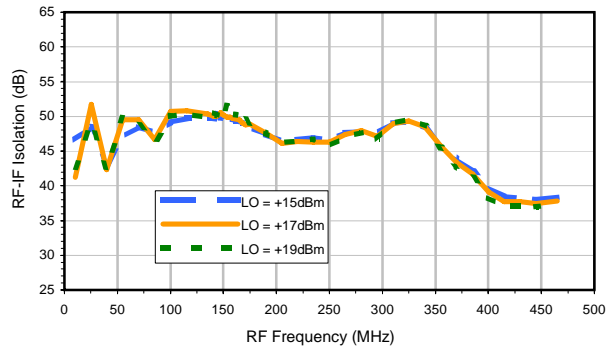
LO-RF Isolation



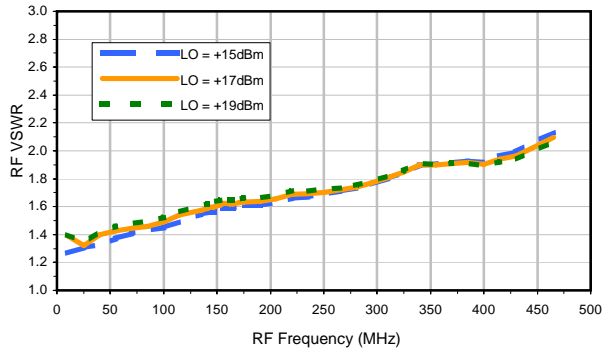
LO-IF Isolation



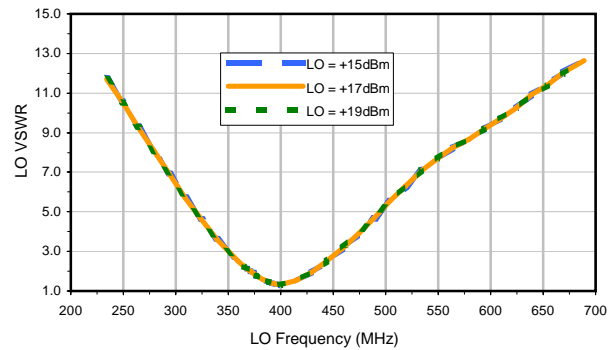
RF-IF Isolation



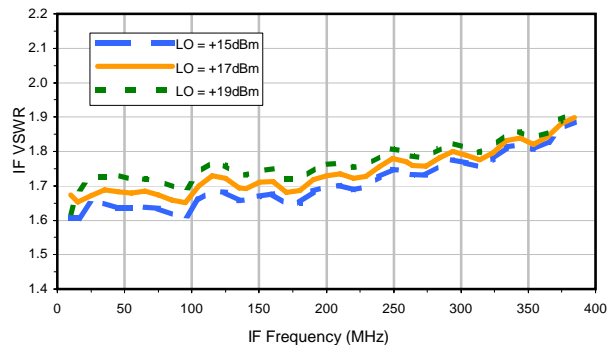
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	20.38	20.42	21.11	30.08	34.01	43.63	41.61	53.13	53.59	54.90
1	---	42.29	---	47.55	12.01	45.15	18.33	53.05	26.80	47.81	42.52	46.72
2	113.89	73.10	57.46	61.74	64.53	60.65	66.36	62.08	57.77	60.06	57.86	63.49
3	111.93	111.16	77.44	98.46	75.50	91.63	74.11	90.83	77.17	95.28	81.47	100.88
4	111.21	113.61	119.11	112.13	117.22	111.68	117.49	109.31	120.87	117.20	112.88	111.65
5	114.13	120.00	104.91	118.37	107.18	120.63	104.04	121.48	107.12	118.43	111.93	119.01
6	113.52	119.12	119.50	118.55	117.55	120.09	120.59	121.31	119.44	120.90	118.08	120.04
7	114.15	120.84	121.24	118.53	119.43	118.61	116.28	121.44	119.48	119.87	121.16	117.23
8	112.00	118.66	122.39	117.31	121.71	116.26	121.97	120.64	121.41	121.03	119.81	117.01
9	114.94	122.10	121.95	121.30	117.93	121.67	119.33	119.73	120.09	119.71	120.12	119.97
10	114.02	119.78	119.97	120.14	117.58	120.33	114.46	120.16	119.67	120.34	120.57	118.85
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 155 MHz; 0 dBm.
 LO IN: 379 MHz; +17.00 dBm
 IF OUT: 224 MHz; -7.93 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	28.74	31.36	34.02	45.01	42.21	45.31	43.44	46.93	45.16	48.64
1	---	42.31	---	47.53	12.15	45.09	18.64	51.95	27.37	47.82	44.22	47.28
2	101.85	62.96	47.21	51.71	54.51	50.78	56.73	52.29	47.72	50.37	48.08	54.21
3	113.13	88.50	57.14	77.08	54.88	70.19	53.30	69.26	56.44	73.24	60.36	81.06
4	113.01	94.87	87.33	100.86	87.43	98.28	97.08	88.12	96.15	88.54	81.47	84.37
5	110.57	97.73	84.82	100.02	85.23	105.12	84.69	104.75	86.93	112.60	92.88	104.27
6	112.96	111.28	107.39	110.39	106.80	112.82	106.37	111.99	102.98	111.67	107.83	115.31
7	113.79	116.60	99.89	115.79	102.11	118.92	103.68	118.17	101.70	121.80	109.04	121.04
8	112.52	122.06	119.51	124.04	117.40	125.16	116.88	124.49	118.03	126.46	123.91	129.21
9	111.90	130.08	101.71	126.31	103.37	129.06	103.40	123.14	103.70	119.50	106.60	123.72
10	113.09	126.35	125.95	131.89	124.95	130.35	122.82	129.77	125.33	127.82	123.83	128.35
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 155 MHz; 10 dBm.
 LO IN: 379 MHz; +17.00 dBm
 IF OUT: 224 MHz; 2.21 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 represent the Harmonics level of the RF input signal to the mixer.

