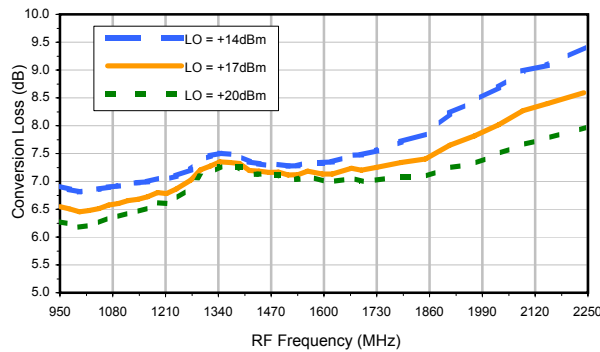
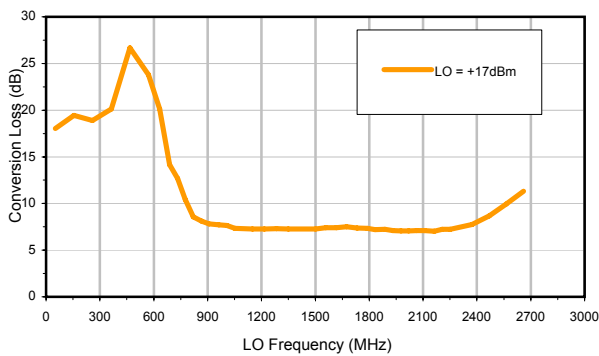


Typical Performance Curves

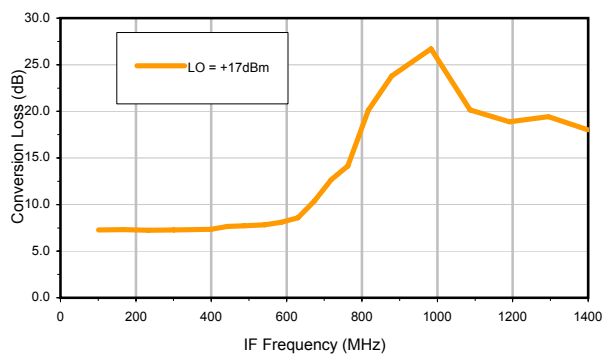
Conversion Loss @IF=600 MHz



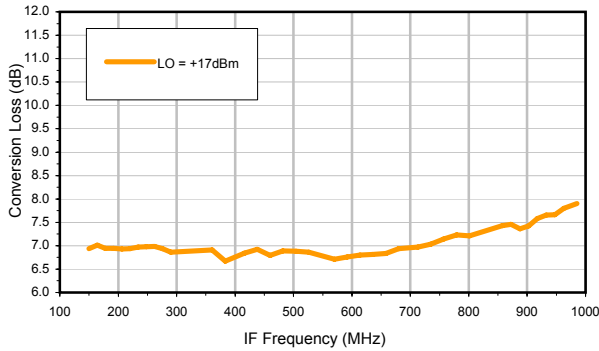
Conversion Loss vs. LO @ RF=1450 MHz



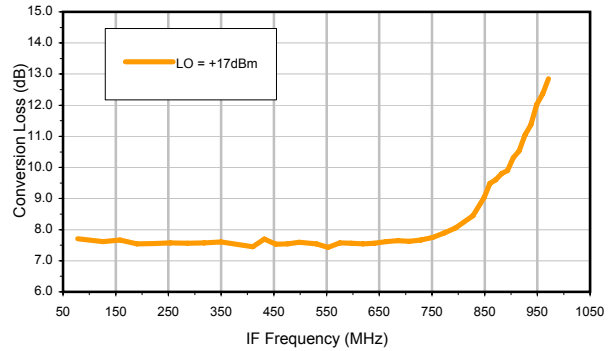
Conversion Loss vs. IF @ RF=1450 MHz



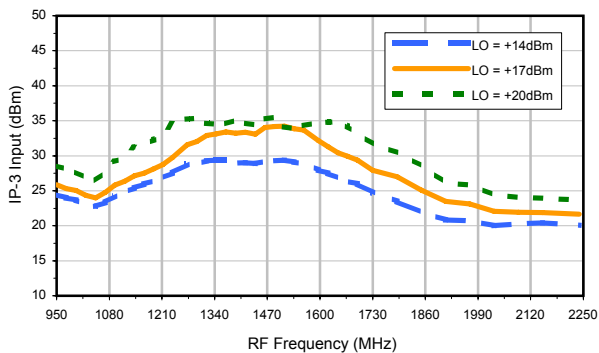
Conversion Loss vs. IF @ RF=1200 MHz



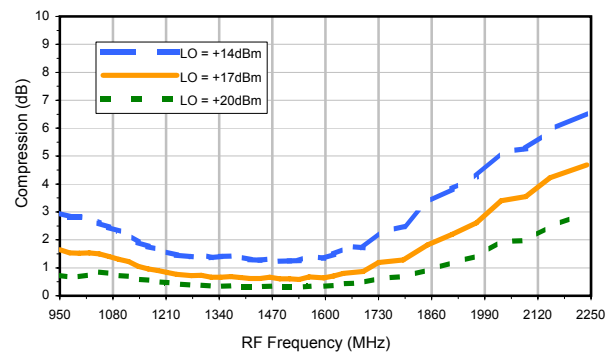
Conversion Loss vs. IF @ RF=1700 MHz



IP-3 Input

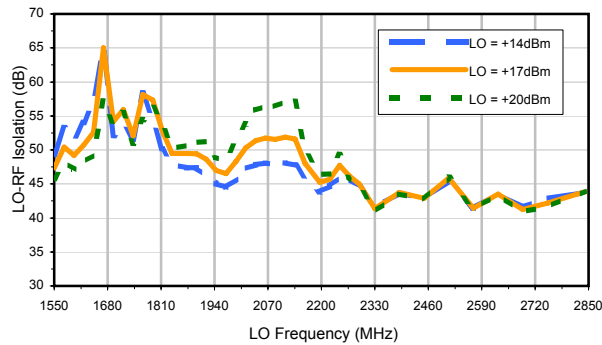


Compression @RF IN=+20 dBm

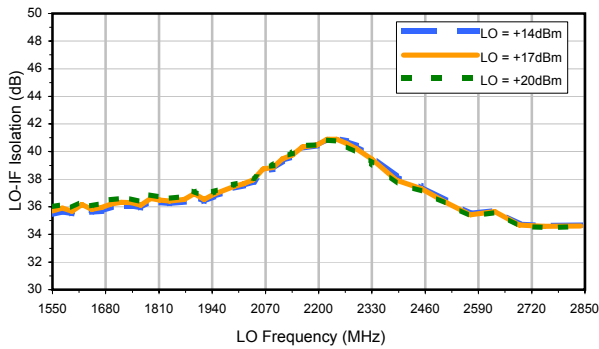


Typical Performance Curves

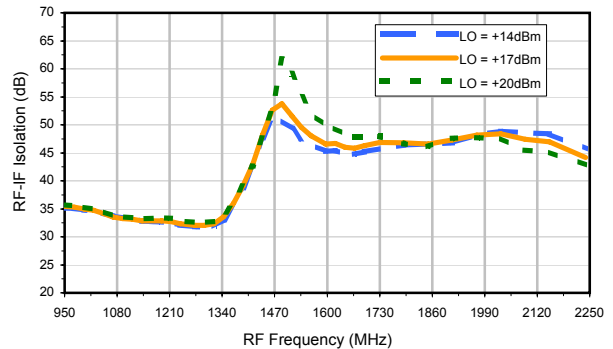
LO-RF Isolation



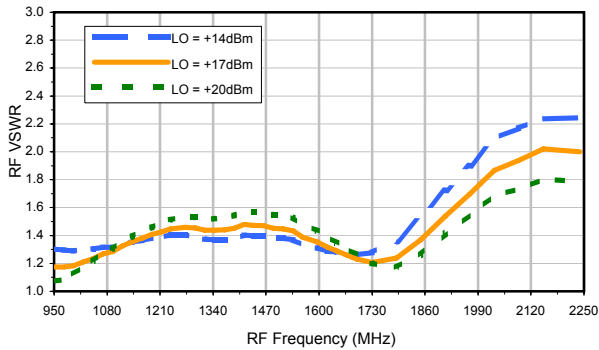
LO-IF Isolation



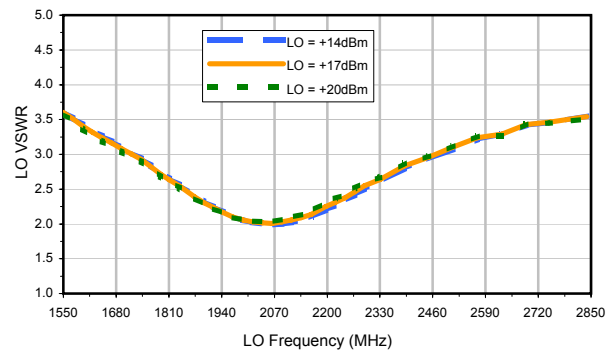
RF-IF Isolation



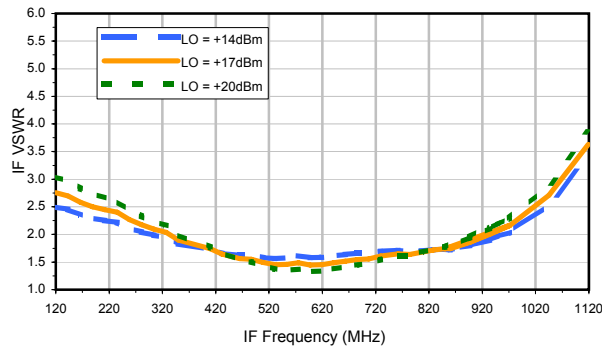
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	14.37	29.02	37.76	22.44	42.72	44.82	36.99	49.51	55.35	68.82
1	---	42.05	---	45.36	29.73	46.29	48.01	54.67	45.02	48.30	57.44	67.90
2	88.39	71.91	57.63	50.78	82.16	63.09	90.71	67.91	73.50	69.28	72.89	87.81
3	118.33	91.24	82.24	81.78	81.57	89.48	88.40	82.36	100.06	92.05	87.36	84.20
4	116.71	98.91	101.88	97.01	85.32	100.05	101.89	107.50	102.21	104.03	99.74	104.57
5	118.86	108.15	105.18	107.47	92.30	105.99	107.89	107.40	108.20	108.35	108.17	107.59
6	117.68	107.61	108.52	109.00	107.53	107.66	108.94	107.78	108.10	108.59	108.08	108.73
7	116.96	107.20	108.10	106.50	108.01	108.01	108.88	107.80	109.53	108.46	108.75	107.26
8	118.83	107.77	109.05	108.71	107.03	108.30	108.41	108.60	107.86	105.59	108.76	109.60
9	116.60	105.31	107.64	108.28	107.63	107.48	106.76	108.56	108.14	107.82	108.84	108.57
10	114.63	103.69	107.28	106.84	108.62	107.08	109.18	107.73	110.24	109.10	107.80	108.04
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 1450 MHz; 0.00 dBm.
 LO IN: 2050 MHz; +17.00 dBm
 IF OUT: 600 MHz; -6.89 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	19.48	33.98	42.53	33.76	57.48	62.63	55.28	64.26	71.12	76.80
1	---	32.38	---	37.39	29.95	55.14	48.68	61.55	45.86	51.68	60.95	68.17
2	68.49	58.27	44.65	40.67	68.57	68.73	81.46	58.03	73.23	61.26	69.39	79.49
3	118.62	64.52	60.24	70.83	54.71	66.08	69.18	64.85	71.26	76.75	69.69	71.97
4	118.51	83.16	84.89	73.99	78.57	79.08	74.97	79.22	85.19	88.62	90.05	83.91
5	117.17	107.01	100.86	88.81	66.88	80.61	86.69	95.66	90.63	92.18	101.35	92.22
6	116.93	99.98	110.09	84.70	101.73	75.42	90.35	93.82	87.11	91.36	97.52	100.92
7	117.17	107.74	98.85	109.53	90.03	103.96	74.28	96.19	92.79	102.98	94.87	106.39
8	118.55	115.40	108.09	117.89	105.01	112.93	89.48	91.28	104.30	94.80	107.67	106.06
9	115.63	106.22	116.11	109.96	112.89	101.51	112.96	106.10	95.82	107.61	104.29	113.58
10	114.91	115.24	112.43	117.06	111.22	118.44	106.17	116.60	92.60	110.18	107.31	109.61
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 1450 MHz; 10.00 dBm.
 LO IN: 2050 MHz; +17.00 dBm
 IF OUT: 600 MHz; 2.99 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