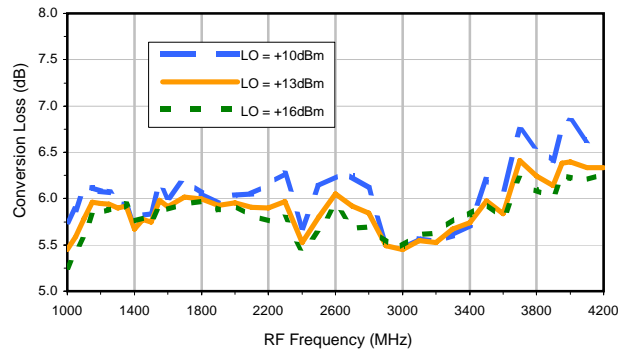
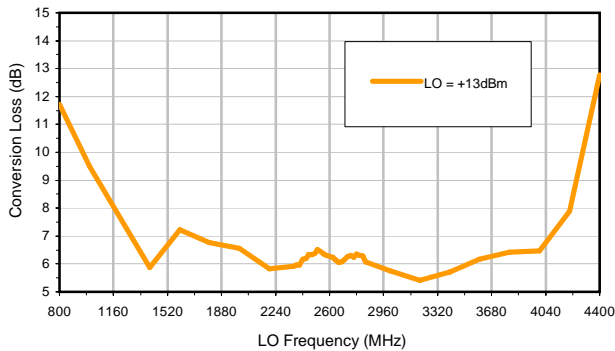


Typical Performance Curves

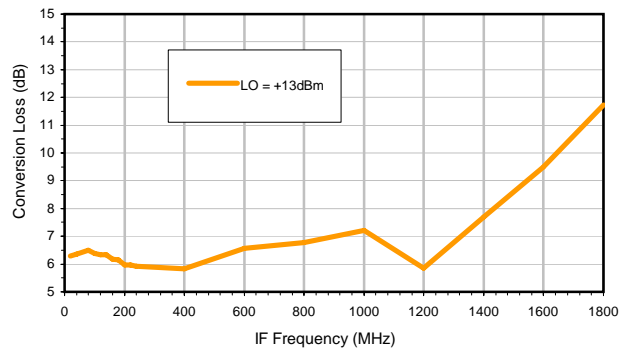
Conversion Loss @IF=30 MHz



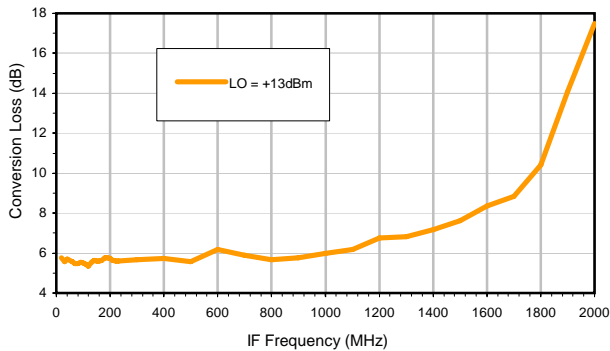
Conversion Loss vs. LO @ RF=2600.1 MHz



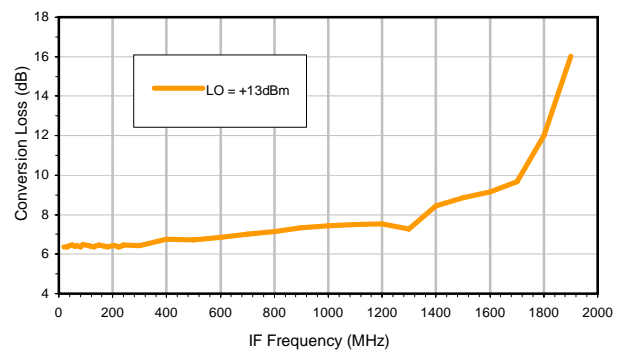
Conversion Loss vs. IF @ RF=2600.1 MHz



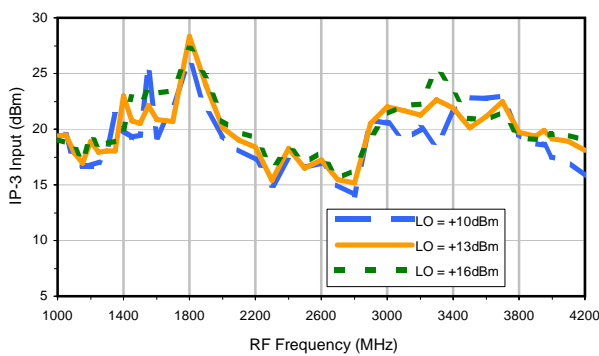
Conversion Loss vs. IF @ RF=1000.1 MHz



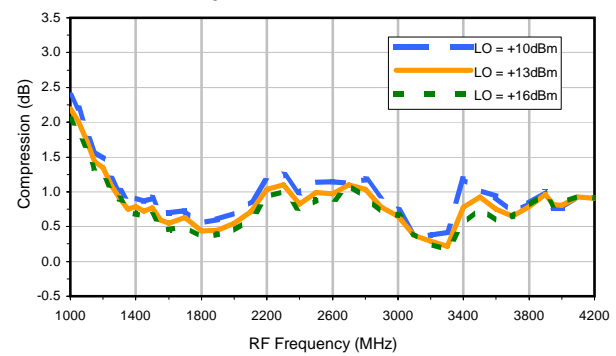
Conversion Loss vs. IF @ RF=4200.1 MHz



IP-3 Input

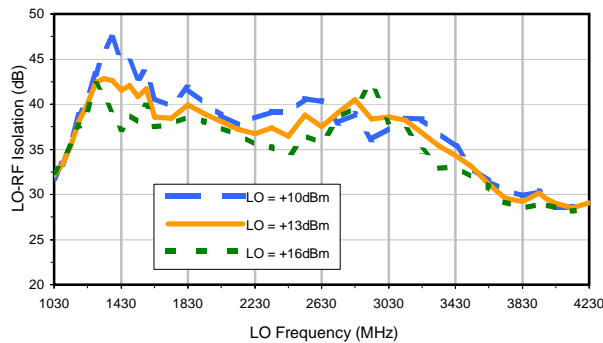


Compression @RF IN=+9 dBm

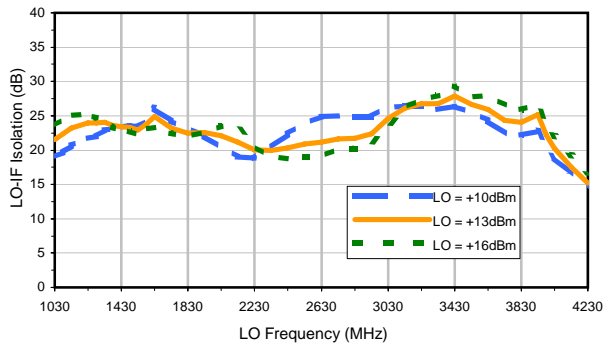


Typical Performance Curves

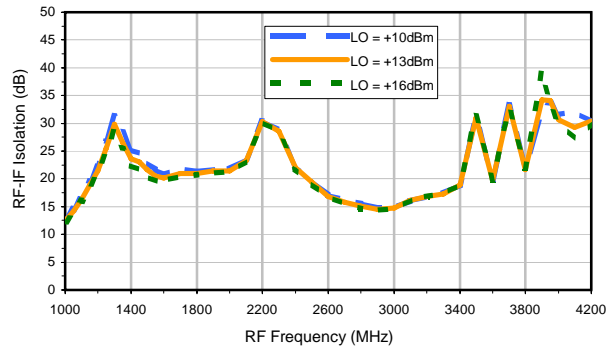
LO-RF Isolation



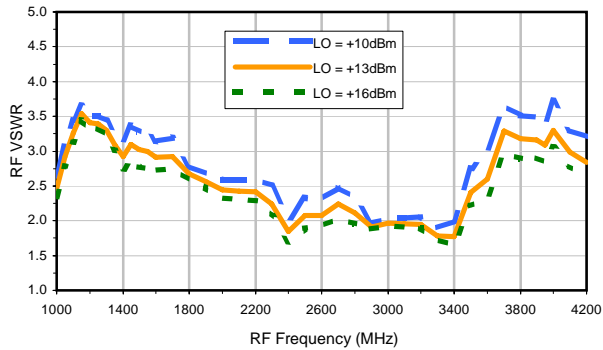
LO-IF Isolation



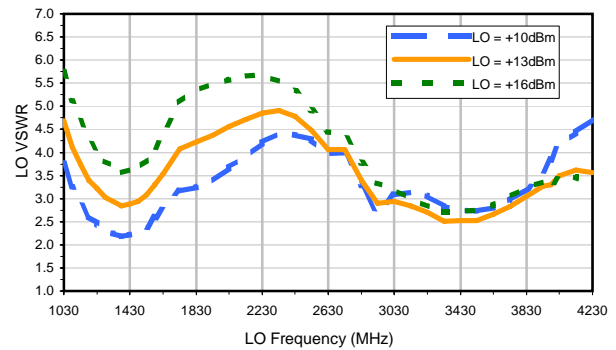
RF-IF Isolation



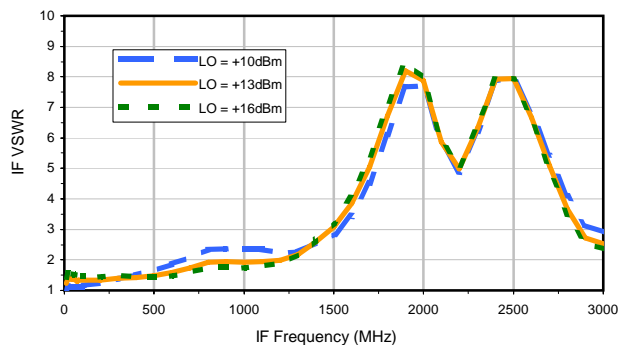
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	-13.09	7.75	4.52	22.95	12.29	35.83	31.51	45.59	44.56	43.90
1	---	21.20	---	44.76	13.51	29.06	38.00	40.94	54.66	53.60	70.40	78.60
2	124.87	64.81	64.24	69.12	58.37	62.80	61.96	69.45	68.36	78.06	83.98	79.45
3	130.40	81.70	75.60	92.97	84.00	97.37	87.04	84.35	87.47	94.09	97.47	95.96
4	129.19	98.77	99.27	98.96	100.06	96.94	99.03	97.93	100.25	99.21	98.32	99.68
5	131.22	99.36	99.48	97.34	99.60	101.09	93.81	100.52	99.33	100.10	100.12	98.81
6	127.42	96.12	99.00	99.62	97.95	98.45	99.81	99.27	100.38	100.77	99.58	98.80
7	125.67	94.34	96.41	99.99	99.24	97.90	98.82	100.13	94.53	98.83	97.56	96.54
8	126.48	94.35	87.03	97.73	97.56	93.26	65.19	61.57	84.73	73.46	77.47	84.36
9	123.38	93.87	95.23	96.69	99.82	98.04	100.65	99.98	94.92	102.01	98.62	100.80
10	123.46	91.44	96.38	95.72	96.33	95.16	98.21	99.49	99.71	98.19	99.42	100.63
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 2150 MHz; -15 dBm.
 LO IN: 2180 MHz; +13.00 dBm
 IF OUT: 30.00 MHz; -20.73 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	-3.17	17.86	14.22	33.22	22.86	43.75	40.30	62.08	54.14	62.06
1	---	21.13	---	45.12	13.64	29.11	38.22	39.89	50.54	53.45	68.88	78.49
2	112.72	55.04	54.85	59.61	48.71	53.70	52.26	59.98	59.12	71.81	74.19	71.56
3	118.93	60.67	55.68	71.85	63.67	78.21	67.45	63.76	69.32	80.16	79.17	87.14
4	121.53	99.81	86.09	93.33	98.39	91.85	89.26	87.03	82.40	91.37	93.46	84.17
5	119.34	98.21	108.32	99.53	104.17	109.09	102.23	110.12	97.98	109.60	105.88	108.25
6	119.64	107.28	109.63	110.10	108.49	109.54	102.70	109.38	109.68	108.36	104.63	108.72
7	117.79	105.52	107.68	109.54	109.28	109.85	89.57	109.92	86.63	110.65	92.96	107.08
8	117.37	106.74	106.61	106.03	83.90	77.83	48.71	64.64	80.47	81.97	79.67	81.11
9	114.80	105.00	104.93	107.08	105.51	106.58	100.67	105.35	89.32	108.82	95.19	100.93
10	111.97	102.89	105.26	104.51	107.34	108.58	109.48	107.41	107.52	108.91	111.36	107.98
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 2150 MHz; -5 dBm.
 LO IN: 2180 MHz; +13.00 dBm
 IF OUT: 30.00 MHz; -10.86 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

