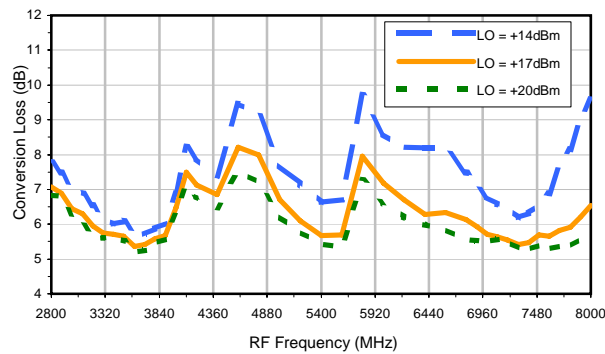
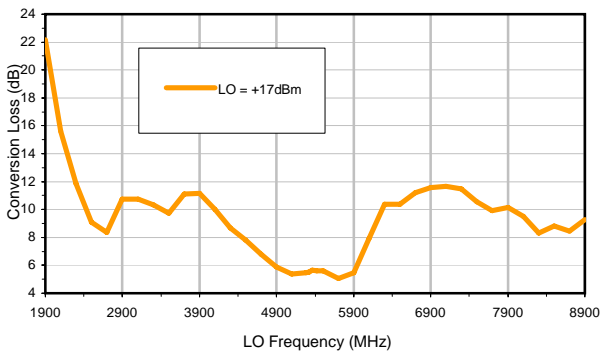


Typical Performance Curves

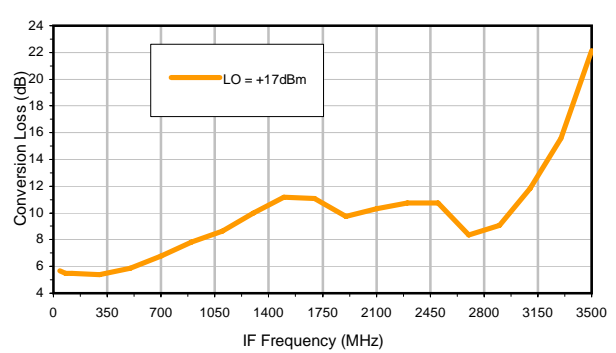
Conversion Loss @IF=30 MHz



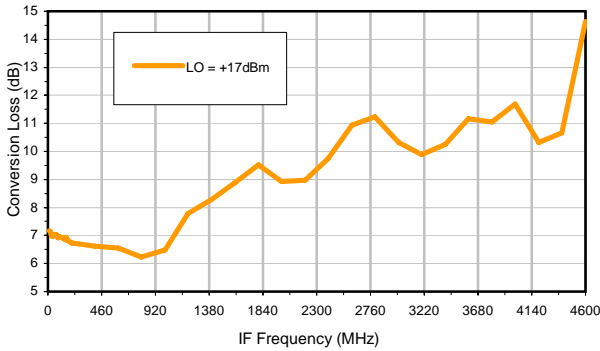
Conversion Loss vs. LO @ RF=5400.1 MHz



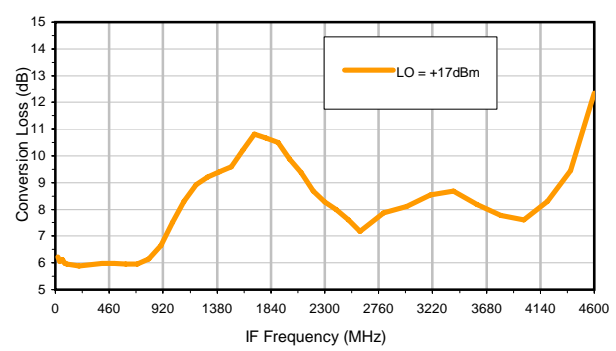
Conversion Loss vs. IF @ RF=5400.1 MHz



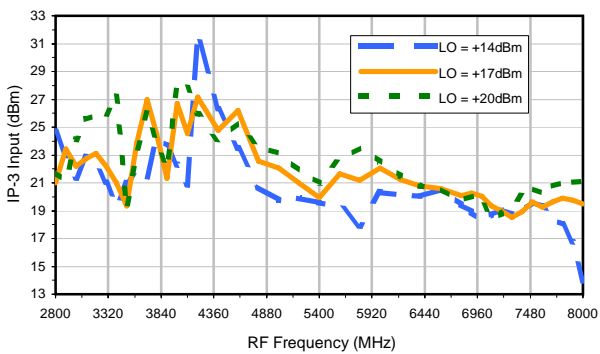
Conversion Loss vs. IF @ RF=2800.1 MHz



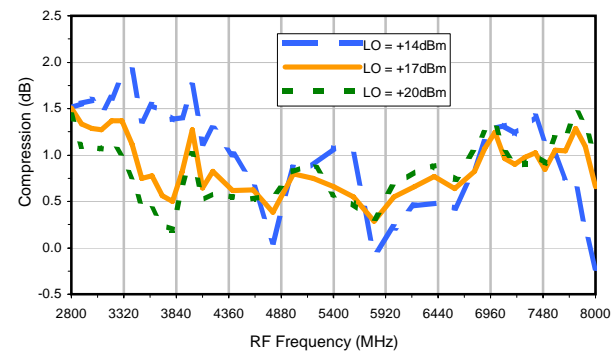
Conversion Loss vs. IF @ RF=8000.1 MHz



IP-3 Input

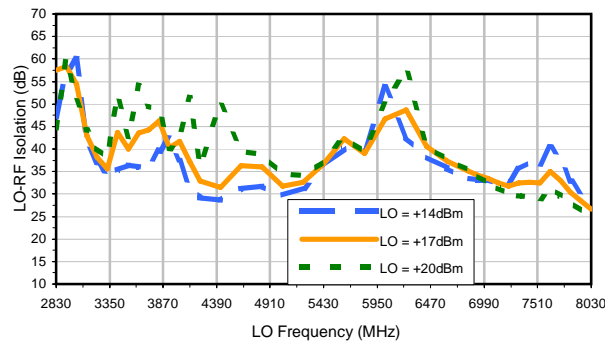


Compression @RF IN=+14 dBm

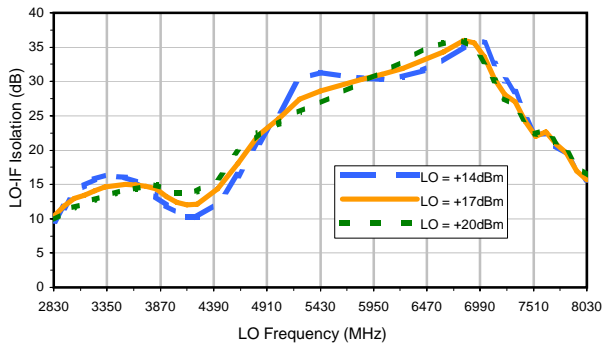


Typical Performance Curves

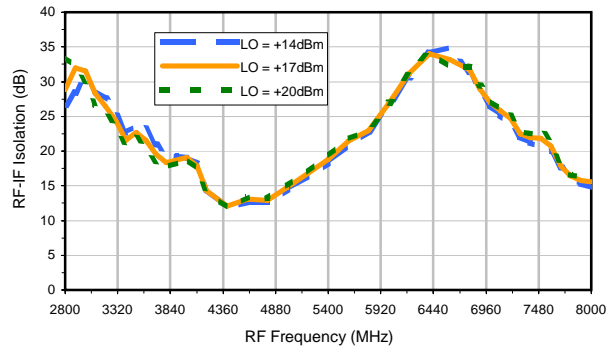
LO-RF Isolation



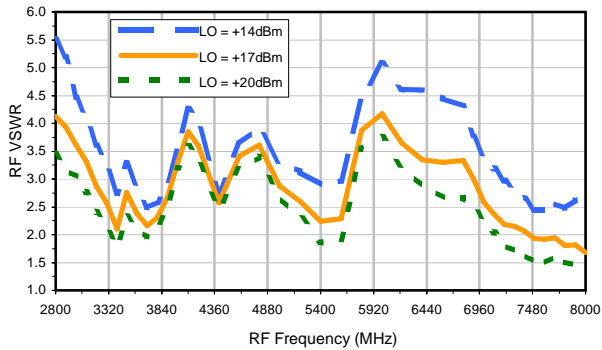
LO-IF Isolation



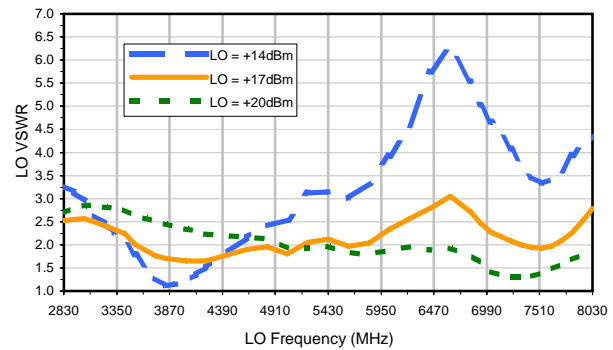
RF-IF Isolation



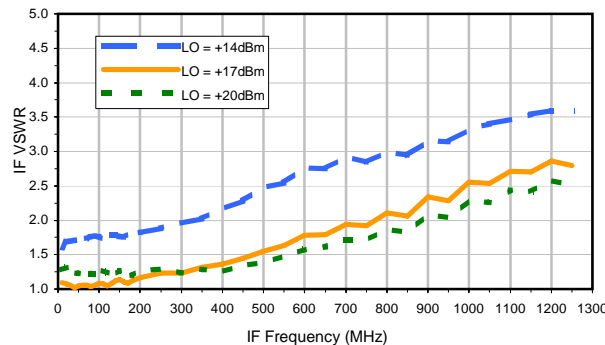
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	6.60	20.72	15.76	56.87	---	---	---	---	---	
1	---	14.13	---	35.30	24.74	40.22	65.85	---	---	---	---	
2	108.95	61.49	62.84	59.27	62.93	62.80	57.57	80.01	---	---	---	
3	108.01	90.56	61.92	75.26	58.27	73.30	68.00	75.81	80.88	---	---	
4	121.22	102.95	97.80	90.70	97.45	87.28	104.24	95.98	90.73	109.24	---	
5	---	---	107.76	95.01	98.43	99.19	97.41	103.23	98.04	95.25	103.51	
6	---	---	---	107.20	92.68	96.61	96.86	100.93	99.74	95.85	96.31	104.04
7	---	---	---	---	108.45	94.42	102.01	100.07	100.98	99.25	95.90	97.98
8	---	---	---	---	---	113.76	93.18	101.87	101.53	99.35	98.83	97.41
9	---	---	---	---	---	---	105.57	93.11	103.27	100.64	102.40	104.55
10	---	---	---	---	---	---	---	110.63	95.34	102.41	100.35	104.46
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 5400.1 MHz; -1.00 dBm
 LO IN: 5430.1 MHz; +17.00 dBm
 IF OUT: 30 MHz; -6.59 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	16.55	31.67	27.26	66.47	---	---	---	---	---	
1	---	14.16	---	38.70	24.01	45.51	59.46	---	---	---	---	
2	99.51	53.10	53.43	52.90	54.46	49.78	50.17	72.07	---	---	---	
3	95.95	65.52	41.85	56.40	37.10	54.14	53.01	55.89	68.53	---	---	
4	100.20	78.30	72.24	64.54	78.82	65.40	76.08	84.27	70.46	90.61	---	
5	---	---	80.69	79.81	64.32	75.64	56.37	72.51	64.44	78.94	77.16	
6	---	---	---	105.86	87.47	85.37	90.03	74.24	92.42	79.27	82.50	99.87
7	---	---	---	---	95.07	99.43	86.70	89.55	71.89	85.06	85.11	89.97
8	---	---	---	---	---	102.37	96.25	92.07	92.58	82.05	93.62	84.55
9	---	---	---	---	---	---	120.18	90.98	98.03	103.84	87.39	96.61
10	---	---	---	---	---	---	---	95.33	101.38	95.99	98.34	92.12
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 5400.1 MHz; 9.00 dBm
 LO IN: 5430.1 MHz; +17.00 dBm
 IF OUT: 30 MHz; 3.39 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