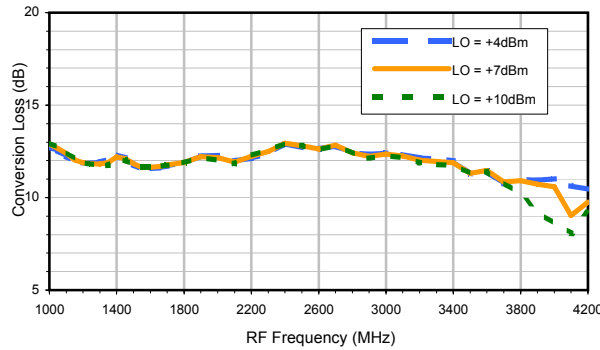
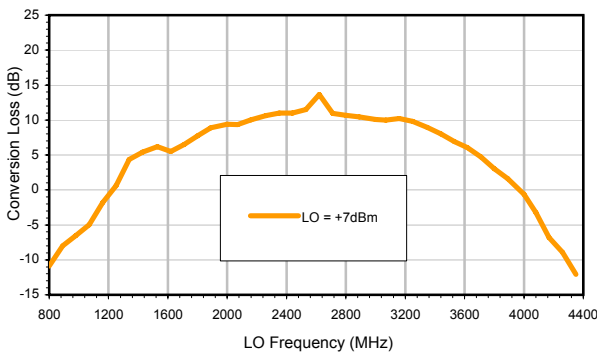


## Typical Performance Curves

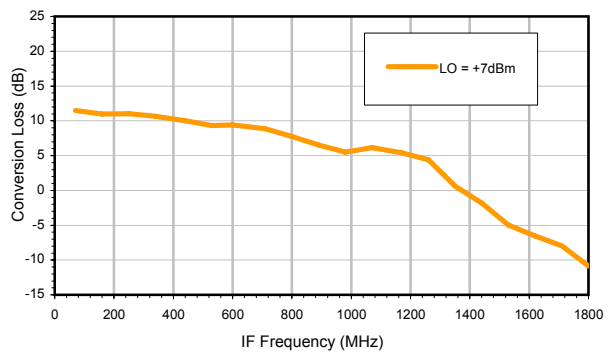
Conversion Gain @IF=30 MHz



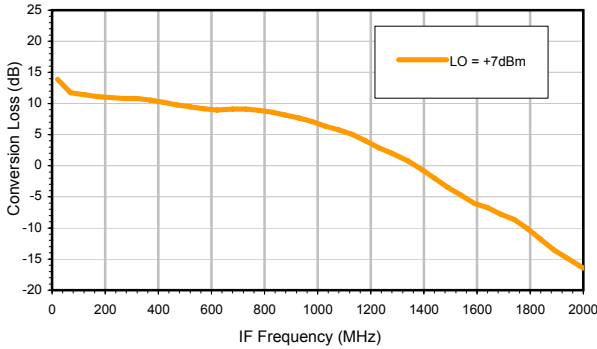
Conversion Gain vs. LO @ RF=2600.1 MHz



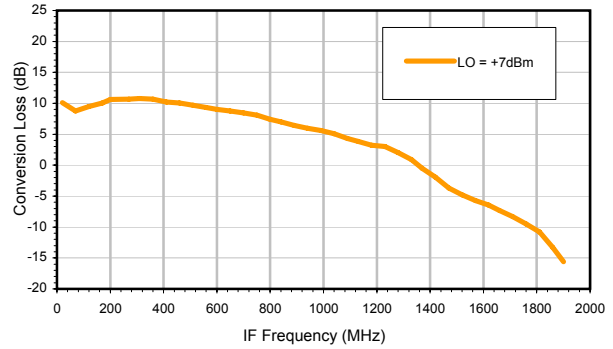
Conversion Gain vs. IF @ RF=2600.1 MHz



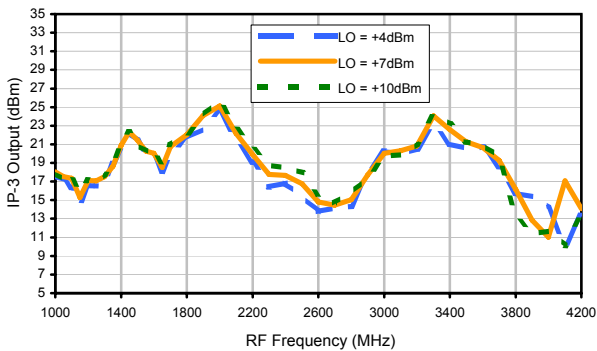
Conversion Gain vs. IF @ RF=1000.1 MHz



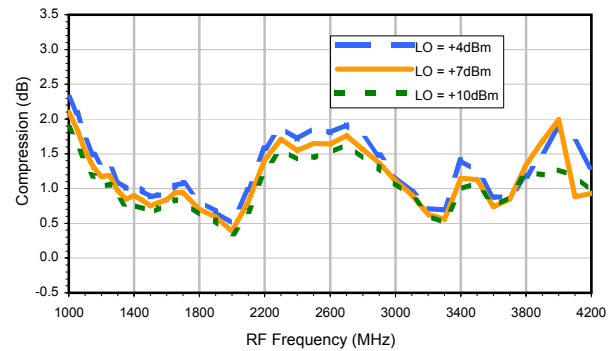
Conversion Gain vs. IF @ RF=4200.1 MHz



IP-3 Output

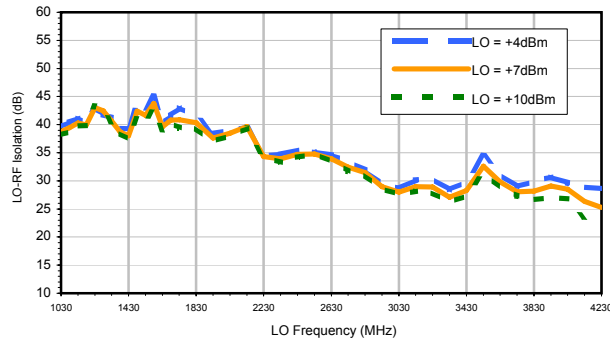


Compression @ RF IN=+0 dBm

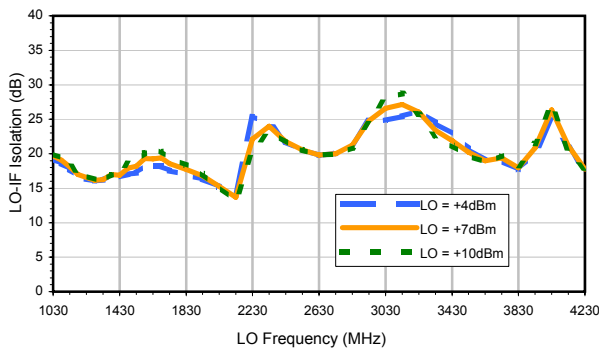


## Typical Performance Curves

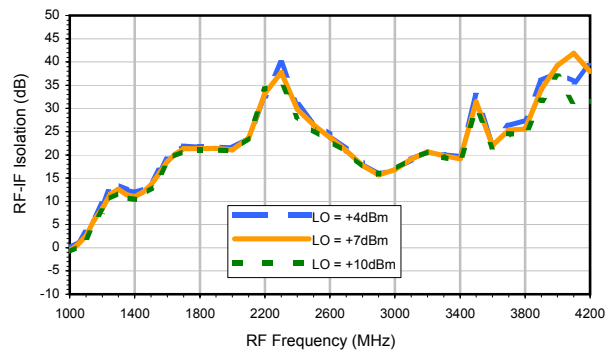
### LO-RF Isolation



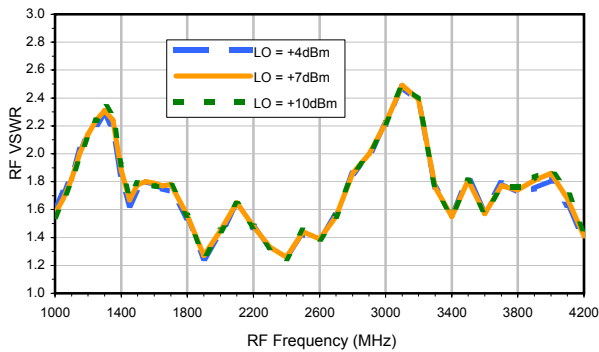
### LO-IF Isolation



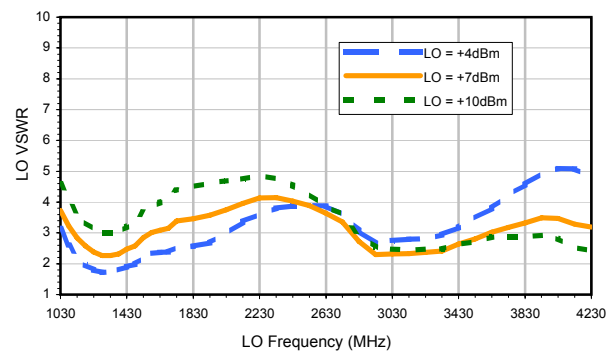
### RF-IF Isolation



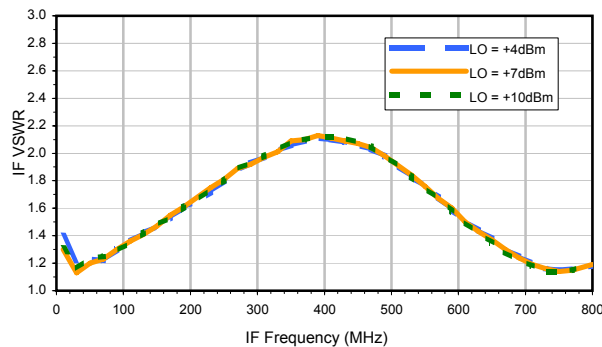
### RF VSWR



### LO VSWR



### IF VSWR



## Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	6.22	46.91	60.35	64.17	41.00	78.52	53.18	93.04	69.60	83.50
1	---	38.22	---	42.25	49.79	82.16	87.71	78.69	89.17	78.22	98.73	97.39
2	103.78	73.59	67.06	46.96	72.28	82.69	108.74	108.30	76.40	89.08	80.00	99.10
3	102.49	100.66	81.55	92.14	51.80	81.50	95.65	112.05	108.66	103.86	104.47	103.47
4	102.87	107.30	110.57	108.97	103.20	79.57	108.87	106.50	111.56	109.53	104.69	104.81
5	99.57	111.58	107.97	106.82	108.68	107.38	92.07	105.91	108.46	112.04	109.27	110.22
6	95.46	103.77	108.88	109.73	104.14	109.98	114.79	107.85	108.55	108.90	108.93	107.72
7	97.91	103.59	111.58	111.45	107.54	114.10	106.93	108.59	108.91	115.00	108.68	107.65
8	106.44	116.05	102.07	104.25	105.62	109.70	112.19	105.58	106.93	104.78	112.17	108.36
9	107.92	111.48	115.11	104.95	110.73	107.45	104.22	109.07	108.54	106.54	112.67	112.39
10	103.25	111.33	109.22	114.01	105.86	102.93	110.00	107.70	105.76	110.02	111.54	108.61
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

### LO HARMONICS ORDER

Test conditions: RF IN: 2600.1 MHz; -15 dBm.  
 LO IN: 2630.1 MHz; +7.00 dBm  
 IF OUT: 30 MHz; -2.34 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	15.43	61.03	73.16	76.45	53.13	82.35	68.03	97.47	83.96	95.27
1	---	37.40	---	42.75	50.79	83.83	88.02	82.39	95.69	81.32	104.13	108.12
2	97.87	62.17	55.32	33.38	61.97	72.19	95.90	93.94	72.88	88.58	78.00	99.57
3	90.68	78.60	59.74	72.08	30.00	62.92	75.31	104.66	95.32	92.22	99.59	88.08
4	91.74	99.46	102.00	106.12	75.09	50.18	82.55	86.83	105.83	103.24	88.10	97.05
5	90.45	98.24	99.65	98.70	80.42	92.49	47.31	73.09	93.53	114.17	96.50	101.77
6	94.30	106.19	106.45	110.67	107.79	96.15	88.12	58.48	89.42	95.37	108.83	104.42
7	87.03	101.95	103.57	108.92	108.38	112.52	92.99	100.18	59.50	81.21	105.93	109.72
8	95.67	110.18	101.56	102.86	107.50	111.54	110.06	101.78	98.58	66.82	91.22	100.15
9	97.19	110.10	112.86	109.56	104.03	105.56	113.20	115.34	111.59	105.21	72.29	90.08
10	99.35	108.82	109.83	114.16	102.15	103.94	110.35	108.40	111.55	109.13	108.45	74.45
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

### LO HARMONICS ORDER

Test conditions: RF IN: 2600.1 MHz; -5 dBm.  
 LO IN: 2630.1 MHz; +7.00 dBm  
 IF OUT: 30 MHz; 7.43 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