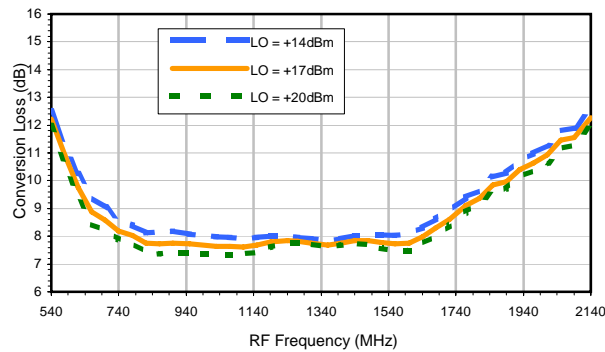
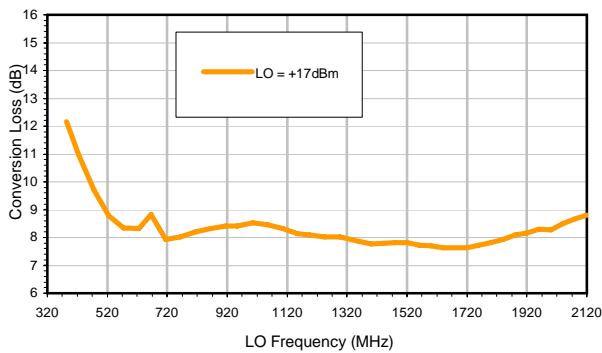


## Typical Performance Curves

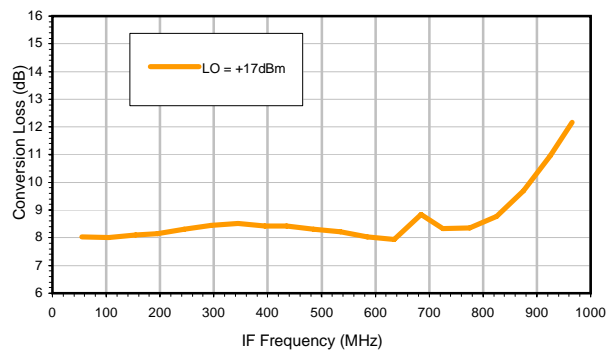
Conversion Loss @IF=150 MHz



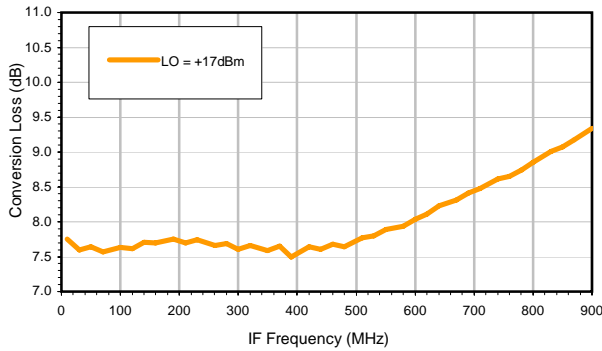
Conversion Loss vs. LO @ RF=1350.1 MHz



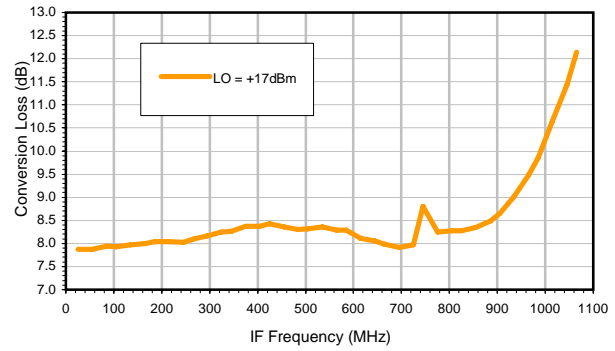
Conversion Loss vs. IF @ RF=1350.1 MHz



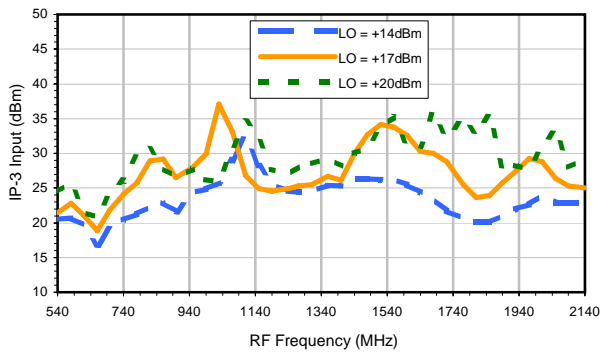
Conversion Loss vs. IF @ RF=1240 MHz



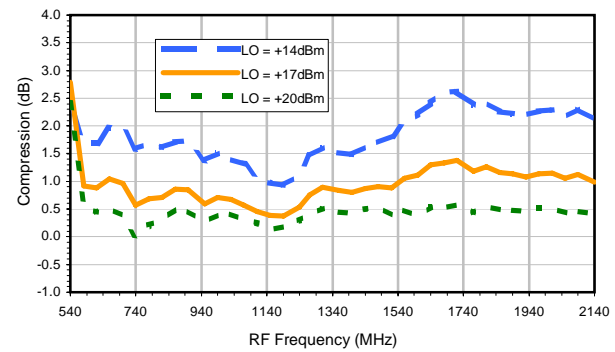
Conversion Loss vs. IF @ RF=1460.1 MHz



IP-3 Input

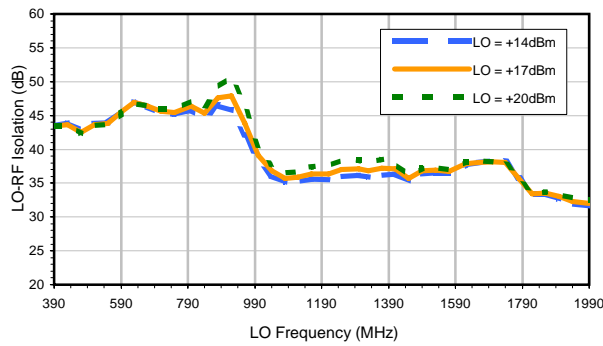


Compression @RF IN=+20 dBm

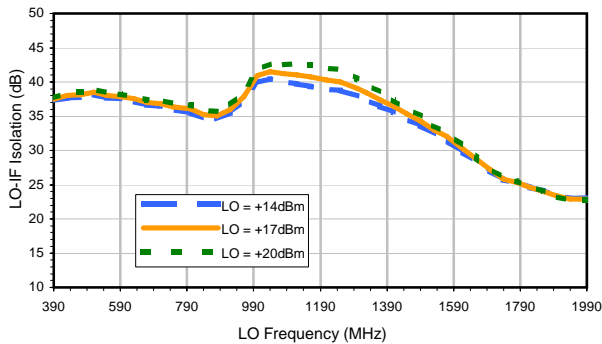


## Typical Performance Curves

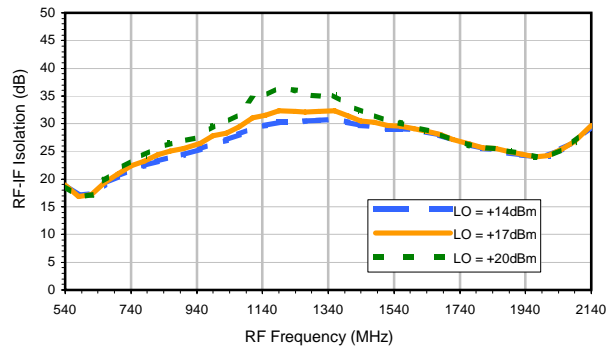
LO-RF Isolation



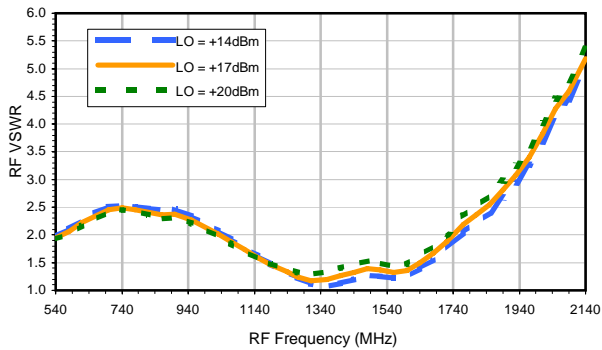
LO-IF Isolation



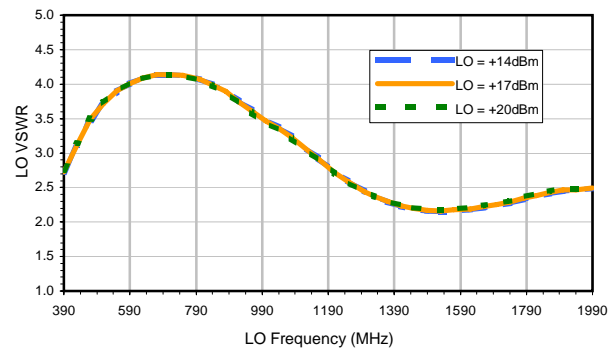
RF-IF Isolation



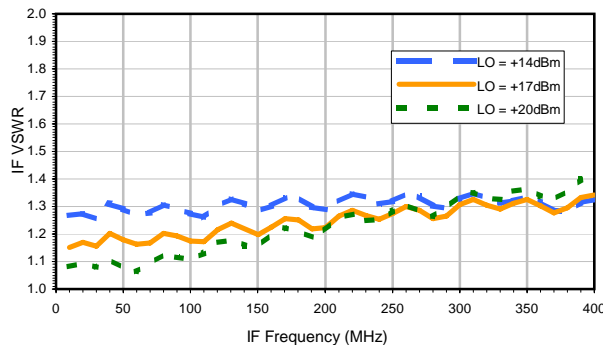
RF VSWR



LO VSWR



IF VSWR



## Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	20.95	10.47	37.02	29.77	48.95	33.90	41.34	52.51	44.38	62.96
1	---	21.35	---	34.31	21.23	40.72	55.59	66.15	49.15	53.85	66.79	53.22
2	88.53	38.27	57.48	50.01	68.38	49.54	63.94	57.99	68.53	56.07	73.12	66.19
3	133.42	88.94	74.69	56.38	63.40	58.01	64.19	78.23	89.49	78.44	74.31	72.61
4	113.49	84.95	81.79	79.16	69.15	74.45	67.93	75.46	77.45	88.81	83.27	80.08
5	113.80	80.86	85.52	87.59	80.38	73.41	74.42	70.34	81.68	82.33	92.32	94.75
6	122.83	84.72	83.89	86.32	89.11	84.62	77.80	80.77	77.66	85.29	85.97	95.75
7	123.57	96.81	96.25	94.21	94.13	102.50	100.44	88.87	86.76	85.65	93.47	104.74
8	106.10	101.06	97.27	92.22	91.01	101.98	98.31	95.20	90.58	91.56	54.31	97.87
9	105.29	99.98	100.00	100.65	95.11	97.36	104.49	99.59	97.03	86.86	90.42	94.96
10	126.22	98.21	92.84	96.96	100.63	99.99	94.28	99.68	98.34	98.40	95.03	98.25
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

### LO HARMONICS ORDER

Test conditions: RF IN: 1350.1 MHz; 5 dBm.  
 LO IN: 1200.1 MHz; +17.00 dBm  
 IF OUT: 150 MHz; -3.16 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	35.87	19.56	44.09	42.41	60.01	42.42	55.12	56.38	55.17	58.00
1	---	22.01	---	31.64	22.42	42.21	65.58	68.92	54.03	54.25	60.16	61.58
2	52.48	29.87	43.99	43.96	59.62	43.03	55.31	53.79	76.30	54.10	70.52	66.84
3	112.25	68.30	39.35	52.12	32.39	49.97	44.99	59.93	70.67	76.77	61.67	63.35
4	118.65	65.26	60.80	65.01	58.26	55.92	72.04	58.05	62.07	66.61	74.92	63.73
5	120.13	78.83	75.18	78.83	60.05	60.85	48.86	52.45	57.43	61.15	85.35	77.24
6	112.92	73.10	67.17	78.97	69.61	75.09	63.00	65.59	70.49	74.38	67.64	78.17
7	110.87	87.14	78.62	80.95	94.61	89.81	78.65	66.26	64.23	57.13	66.67	67.50
8	114.88	80.22	83.91	87.86	74.21	83.20	78.67	81.61	72.63	76.29	74.07	74.78
9	118.35	81.24	85.96	94.66	102.06	82.11	89.67	95.51	92.67	73.46	70.23	63.88
10	116.00	100.13	89.86	83.39	86.33	93.78	83.01	90.82	86.78	90.16	80.00	79.67
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

### LO HARMONICS ORDER

Test conditions: RF IN: 1350.1 MHz; 15 dBm.  
 LO IN: 1200.1 MHz; +17.00 dBm  
 IF OUT: 150 MHz; 6.86 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 represent the Harmonics level of the RF input signal to the mixer.