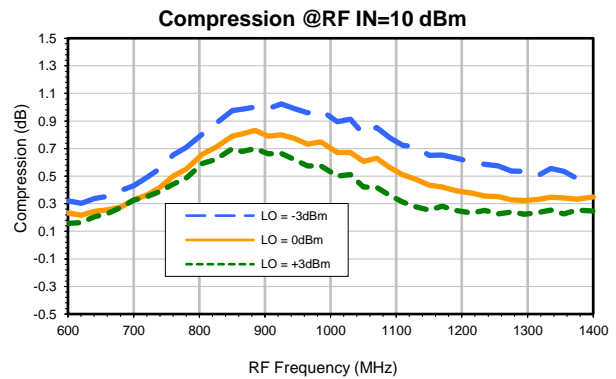
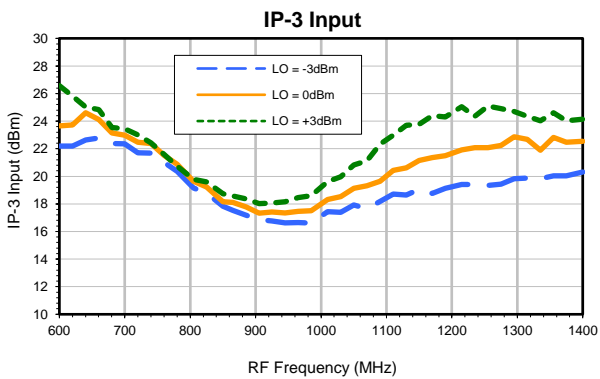
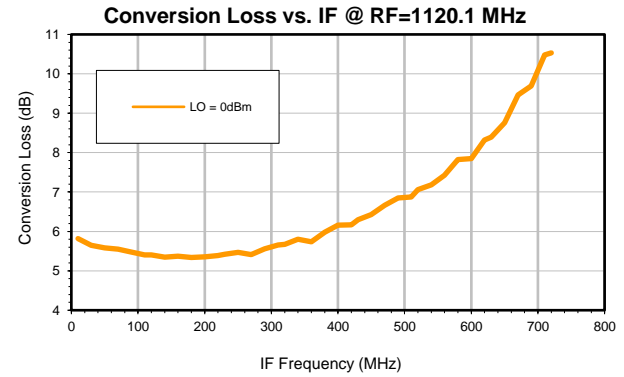
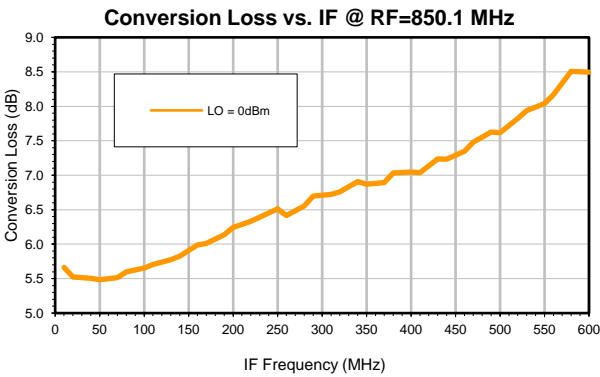
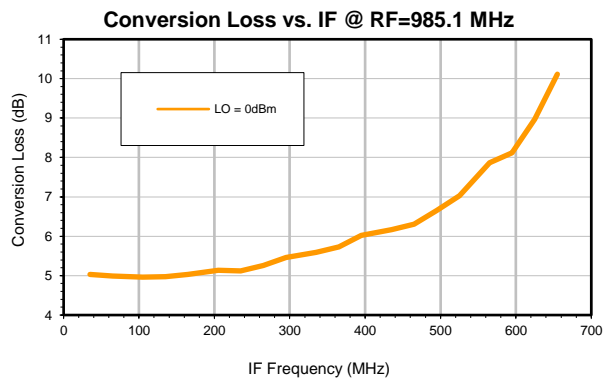
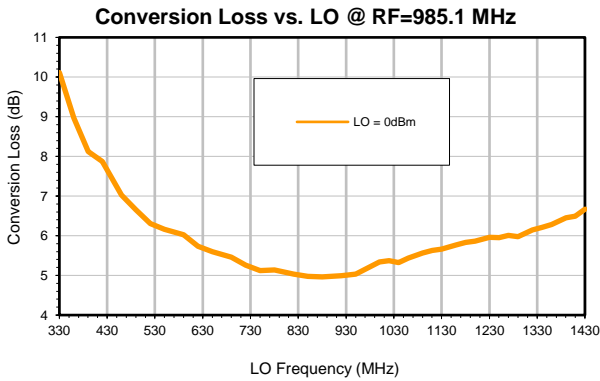
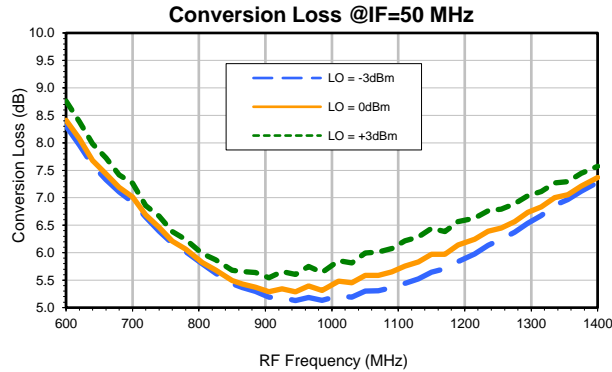
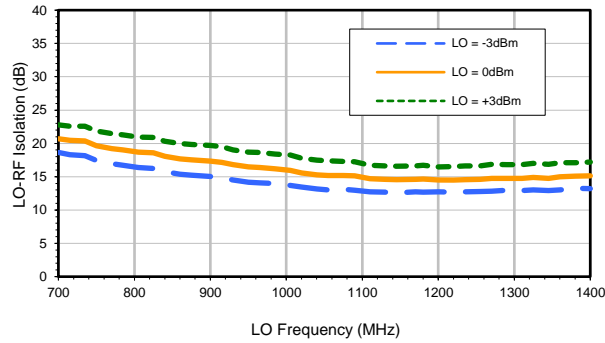


## Typical Performance Curves

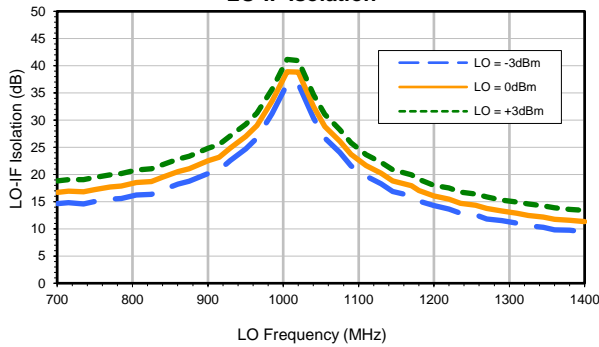


## Typical Performance Curves

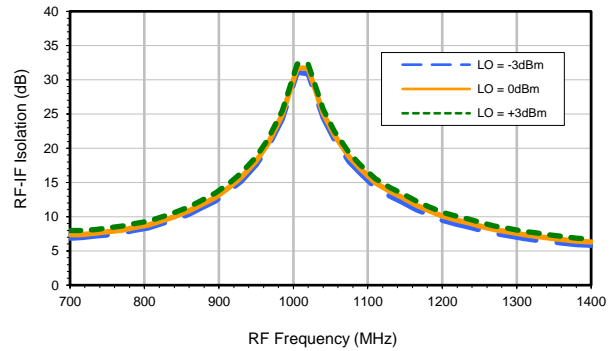
LO-RF Isolation



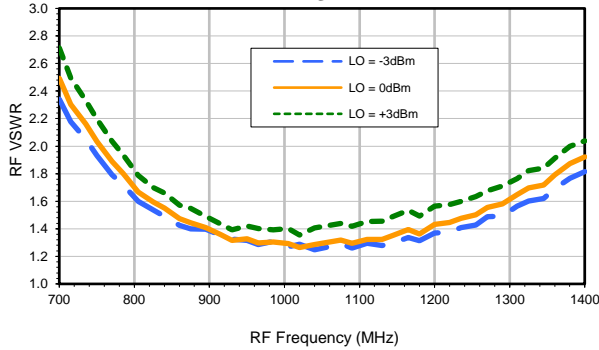
LO-IF Isolation



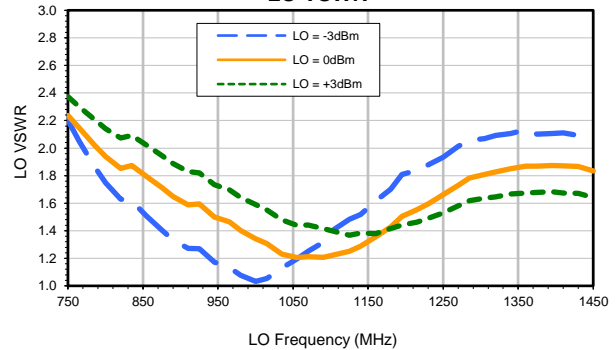
RF-IF Isolation



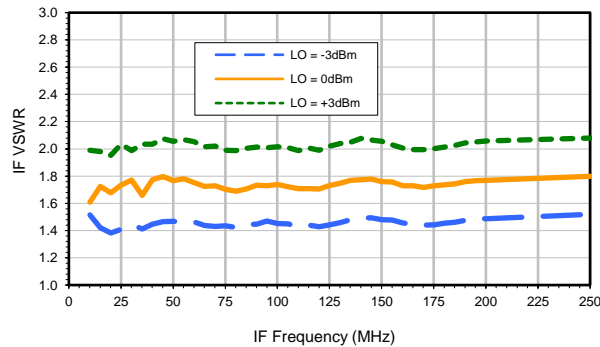
RF VSWR



LO VSWR



IF VSWR



## Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	--	--	17.35	-3.42	-0.11	0.14	2.60	-0.63	1.44	7.29	8.31	11.61
1	--	19.53	--	27.01	12.63	19.13	17.86	18.62	27.88	21.11	30.45	26.67
2	114.49	38.93	53.05	40.27	50.43	40.31	41.57	44.76	43.18	47.28	45.98	46.45
3	105.47	58.49	59.61	68.99	58.81	68.80	58.83	60.70	59.58	61.28	61.35	61.20
4	107.47	80.47	78.07	78.02	85.45	79.40	85.27	77.71	77.00	76.52	77.94	76.39
5	111.29	103.28	106.68	102.09	99.38	96.87	73.44	101.35	93.83	93.24	90.11	90.88
6	105.64	104.44	106.07	107.71	102.72	103.80	112.36	94.62	107.47	102.18	106.83	105.55
7	101.16	102.14	105.29	103.43	103.57	107.16	107.29	109.05	107.85	105.65	106.94	109.00
8	102.74	102.89	105.33	106.59	108.05	107.57	109.14	110.37	108.86	117.93	108.12	106.78
9	99.87	105.66	102.27	104.69	105.31	110.32	108.55	107.38	104.06	107.74	109.62	110.19
10	105.12	106.21	110.54	104.31	107.08	107.22	101.69	106.29	102.42	108.19	116.64	104.98
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

### LO HARMONICS ORDER

Test conditions: RF IN: 985.1 MHz; -10 dBm.  
 LO IN: 1035.1 MHz; 0 dBm  
 IF OUT: 50 MHz; -15.16 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	--	--	26.36	6.40	10.03	9.15	14.02	8.72	11.42	18.15	17.49	23.63
1	--	19.57	--	26.41	13.53	18.46	18.92	19.48	26.47	22.71	28.94	28.21
2	92.46	27.46	41.91	29.08	39.32	29.94	30.90	36.50	34.85	38.61	43.10	40.19
3	93.15	40.14	40.92	51.17	40.41	50.11	40.66	42.00	43.42	43.66	46.14	46.32
4	92.78	58.77	58.06	56.07	61.36	53.94	58.83	51.73	50.52	50.86	51.94	51.83
5	93.31	66.64	70.99	64.18	63.78	65.79	57.80	64.15	58.22	57.05	56.54	57.98
6	92.19	74.35	72.30	74.53	69.35	69.25	71.89	65.39	69.26	65.32	63.81	62.90
7	91.22	88.30	99.41	85.73	85.59	78.63	76.67	78.06	72.93	74.25	70.72	70.18
8	94.19	86.60	85.99	90.23	84.67	86.37	81.00	80.12	81.52	77.78	78.23	75.51
9	93.23	101.90	98.10	94.50	98.35	89.62	92.66	86.86	86.84	86.50	83.67	83.37
10	87.86	114.16	100.06	97.98	94.90	104.75	95.00	95.05	94.44	90.52	90.91	89.62
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

### LO HARMONICS ORDER

Test conditions: RF IN: 985.1 MHz; 0 dBm.  
 LO IN: 1035.1 MHz; 0 dBm  
 IF OUT: 50 MHz; -5.34 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