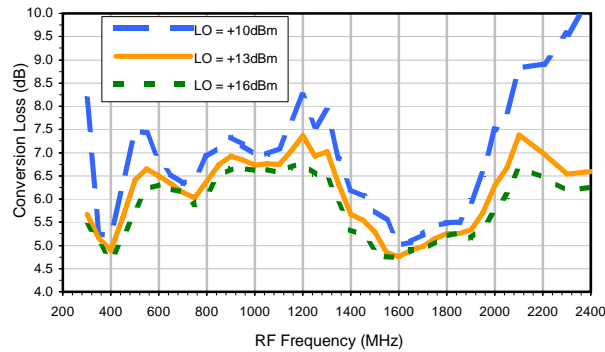
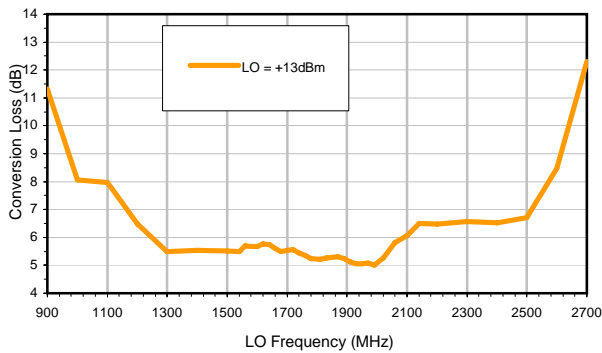


Typical Performance Curves

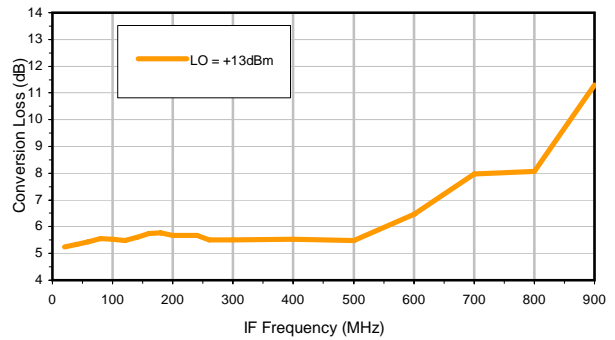
Conversion Loss @IF=30 MHz



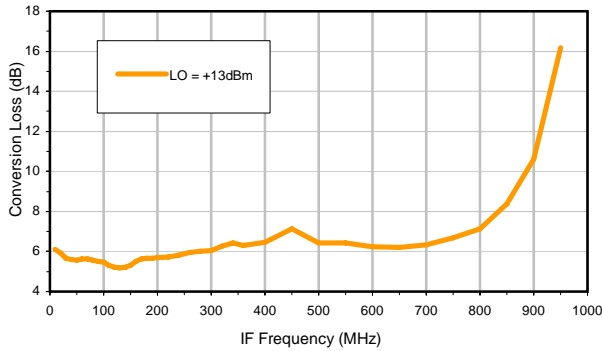
Conversion Loss vs. LO @ RF=1800.1 MHz



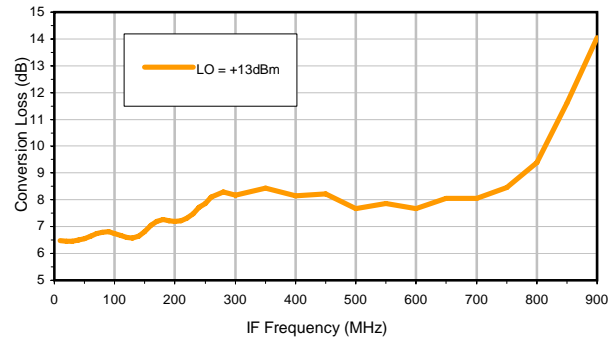
Conversion Loss vs. IF @ RF=1800.1 MHz



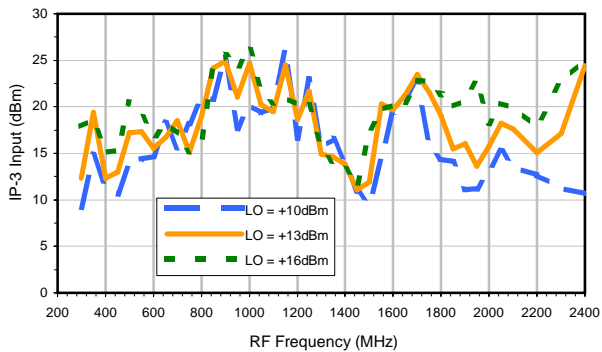
Conversion Loss vs. IF @ RF=300.1 MHz



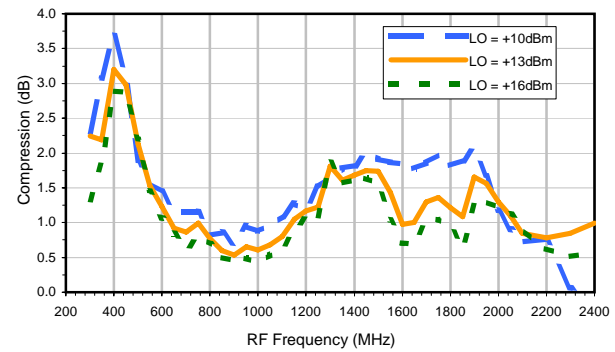
Conversion Loss vs. IF @ RF=2400.1 MHz



IP-3 Input

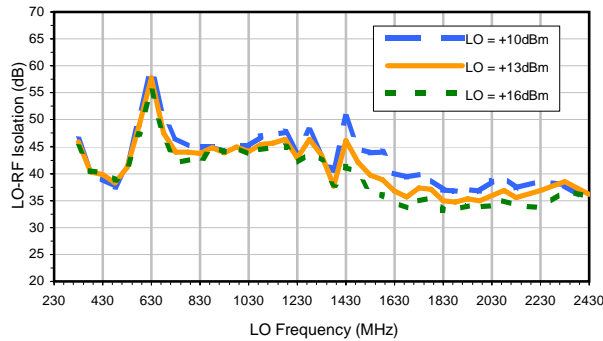


Compression @RF IN=+9 dBm

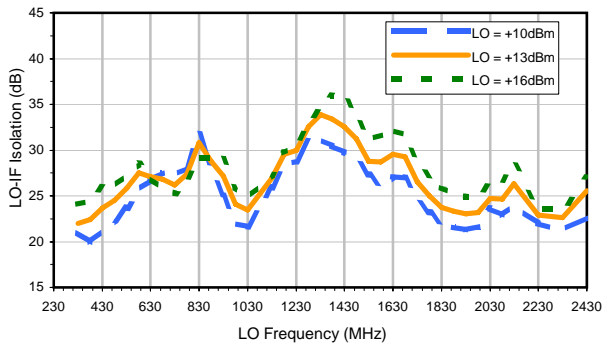


Typical Performance Curves

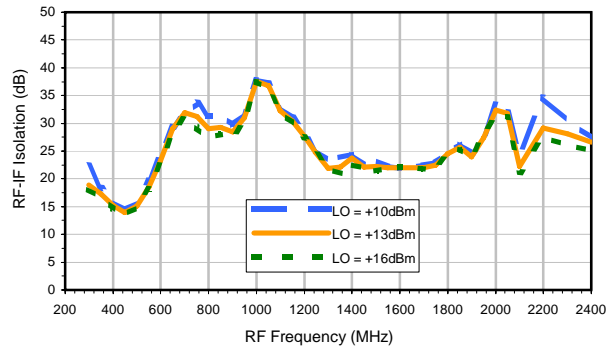
LO-RF Isolation



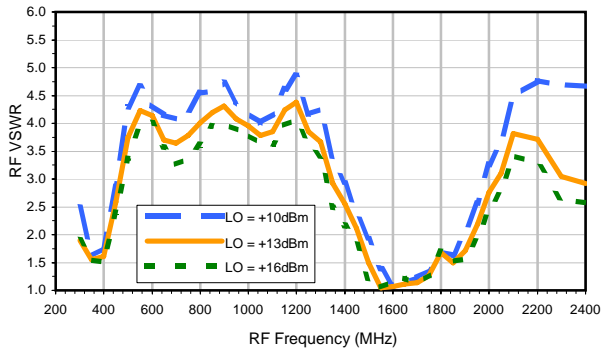
LO-IF Isolation



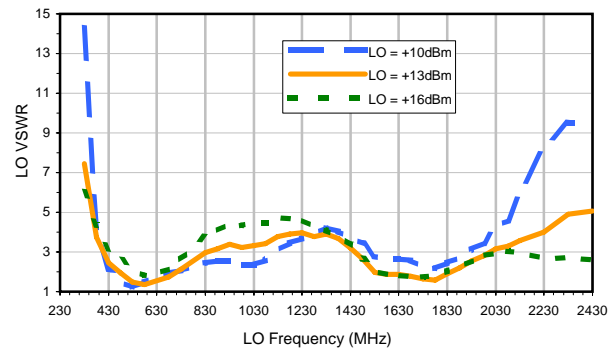
RF-IF Isolation



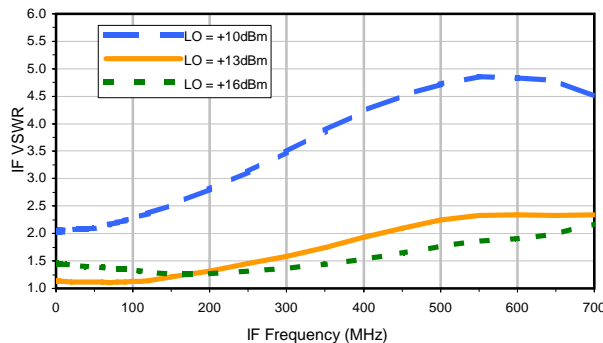
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	-0.19	26.52	14.74	25.50	19.96	35.16	20.66	38.21	32.54	57.12
1	---	19.48	---	32.46	14.05	40.53	29.83	49.92	35.85	43.96	68.45	46.90
2	119.07	80.99	62.19	68.12	57.32	66.21	63.67	67.27	57.70	67.05	52.57	69.07
3	123.50	73.93	59.24	72.36	62.96	72.81	63.55	85.82	80.10	81.78	78.53	83.58
4	125.47	104.41	106.66	105.21	103.42	99.54	102.10	100.41	107.54	103.02	91.49	103.22
5	123.77	105.79	107.56	103.74	105.48	109.36	103.77	109.51	103.44	110.25	106.65	106.26
6	124.52	108.80	110.49	103.54	106.92	113.36	106.95	109.07	110.12	107.73	105.86	108.79
7	126.81	106.31	105.25	106.75	107.04	106.96	111.98	109.84	109.85	108.39	110.11	105.14
8	122.98	100.10	106.36	105.38	106.39	107.26	105.80	108.89	109.86	100.50	109.03	115.00
9	121.61	103.50	101.54	110.92	110.60	107.34	107.32	107.08	106.48	107.68	106.72	105.75
10	114.53	100.88	100.52	100.04	105.95	110.02	104.45	105.89	111.92	105.05	109.52	107.14
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 1800.1 MHz; -6 dBm.
 LO IN: 1830.1 MHz; +13.00 dBm
 IF OUT: 30.00 MHz; -11.16 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	9.86	36.85	25.41	37.54	31.88	51.32	34.84	57.33	50.55	78.54
1	---	19.14	---	34.48	14.38	42.29	29.94	54.30	38.15	48.55	63.65	54.92
2	108.75	62.14	52.10	60.28	47.10	61.49	54.79	58.12	50.44	58.51	46.04	63.27
3	115.06	52.52	38.59	55.66	43.03	55.26	42.10	66.90	55.81	62.76	56.28	63.56
4	111.61	72.41	69.17	75.89	78.26	84.69	73.66	70.70	81.93	77.08	66.92	78.41
5	108.67	81.13	70.59	94.03	62.63	72.86	64.71	85.87	65.09	87.08	78.36	90.82
6	110.68	94.26	101.86	93.59	91.19	83.99	89.24	84.13	108.92	90.68	91.95	105.17
7	107.67	96.43	101.24	104.41	101.32	105.50	94.27	92.88	86.59	96.06	81.72	106.21
8	106.68	104.94	102.80	107.05	99.71	110.83	96.43	103.18	104.45	93.79	114.33	94.90
9	109.85	96.74	98.57	111.60	101.91	107.17	105.08	103.19	95.55	101.39	103.44	101.28
10	111.85	99.29	105.59	105.76	95.87	102.09	111.27	110.54	100.74	106.66	102.42	104.25
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 1800.1 MHz; 4 dBm.
 LO IN: 1830.1 MHz; +13.00 dBm
 IF OUT: 30.00 MHz; -1.28dBm

- 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