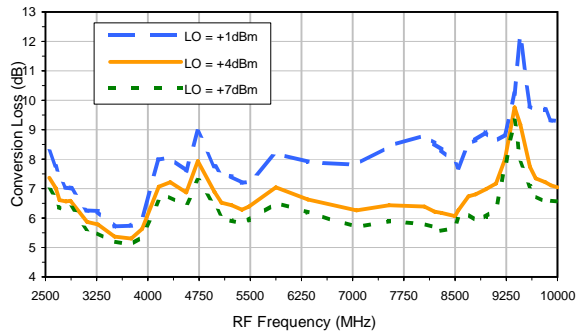
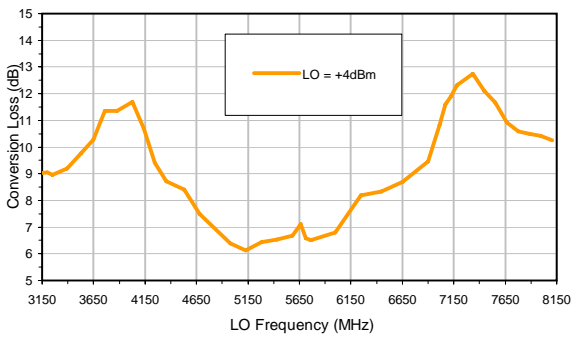


Typical Performance Curves

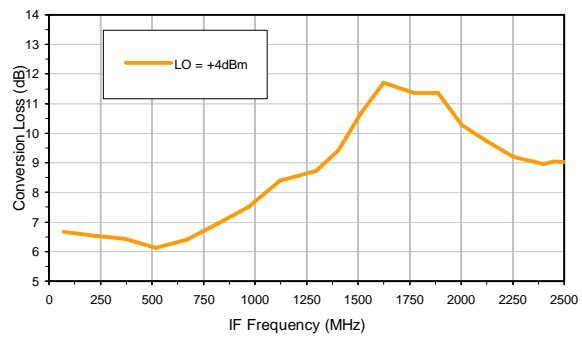
Conversion Loss @IF=29.9 MHz



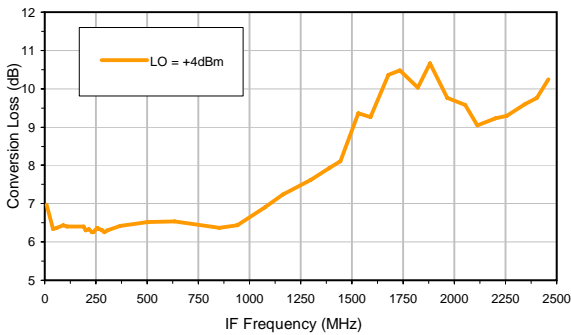
Conversion Loss vs. LO @ RF=5650 MHz



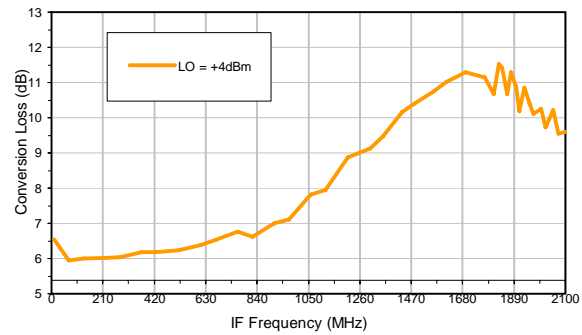
Conversion Loss vs. IF @ RF=5650 MHz



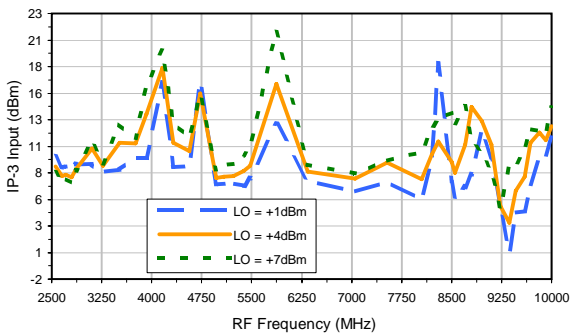
Conversion Loss vs. IF @ RF=2800 MHz



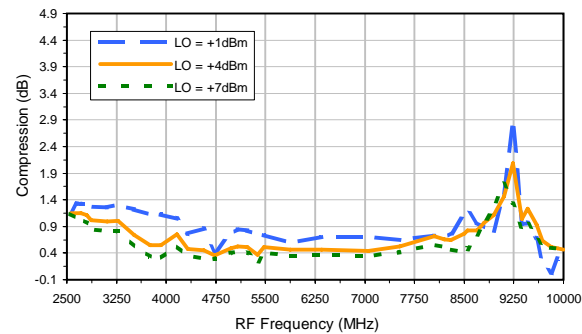
Conversion Loss vs. IF @ RF=8500 MHz



IP-3 Input

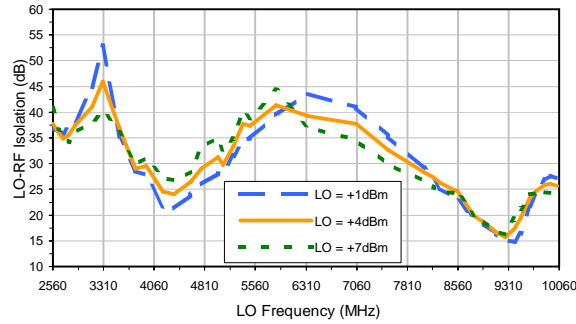


Compression @RF IN= 0 dBm

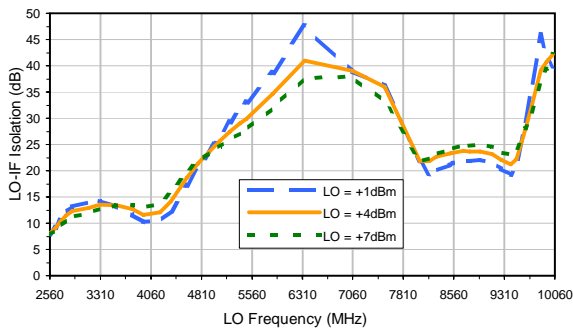


Typical Performance Curves

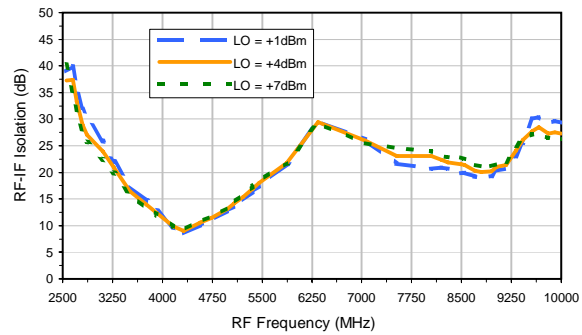
LO-RF Isolation



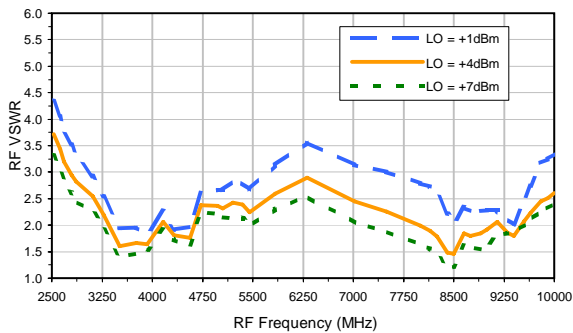
LO-IF Isolation



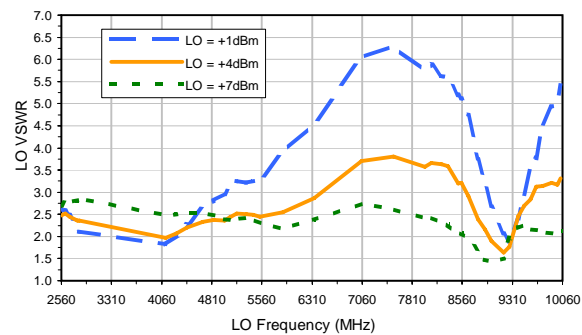
RF-IF Isolation



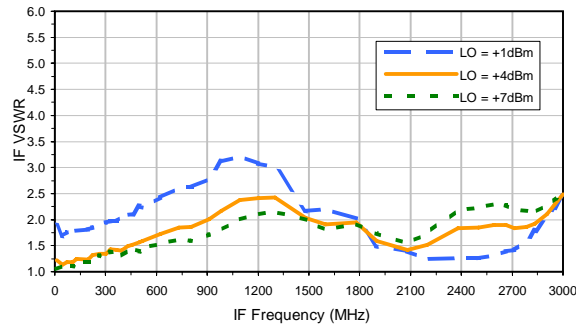
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	--	--	12.63	28.31	17.81	49.37	--	--	--	--	--	--
1	--	15.07	--	49.20	29.19	45.58	58.76	--	--	--	--	--
2	116.84	56.39	57.79	46.15	57.72	51.52	49.54	64.93	--	--	--	--
3	116.22	66.18	59.00	75.67	50.19	67.89	67.47	68.18	74.23	--	--	--
4	113.80	89.60	77.00	81.87	90.25	69.55	84.36	72.91	73.31	81.72	--	--
5	112.83	--	86.84	88.92	88.28	92.76	76.57	91.18	87.01	87.54	89.98	--
6	112.60	--	--	88.75	90.07	95.06	94.59	87.75	94.58	92.92	89.33	86.03
7	112.69	--	--	--	88.39	89.90	92.65	94.68	93.07	96.38	92.22	90.56
8	114.01	--	--	--	--	87.31	91.48	93.66	95.55	92.96	96.19	95.42
9	112.93	--	--	--	--	--	88.36	90.60	95.78	93.69	96.04	92.86
10	112.09	--	--	--	--	--	--	86.71	89.30	95.23	95.45	96.49
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 5650 MHz; -10 dBm.
 LO IN: 5680 MHz; +4 dBm
 IF OUT: 30 MHz; -16.19 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	--	--	21.76	38.45	31.64	57.81	--	--	--	--	--	--
1	--	14.93	--	49.10	29.87	59.75	65.06	--	--	--	--	--
2	96.74	44.12	53.49	36.16	58.70	49.99	51.63	71.48	--	--	--	--
3	110.76	41.41	39.52	52.46	34.47	54.72	48.16	62.19	70.51	--	--	--
4	110.06	66.30	60.53	60.84	63.09	41.71	68.86	57.28	63.89	81.51	--	--
5	107.32	--	70.94	61.37	64.81	87.50	51.25	65.44	59.36	67.11	79.01	--
6	107.95	--	--	77.86	67.47	67.65	70.73	49.84	77.69	65.19	71.70	88.14
7	107.28	--	--	--	76.41	71.39	63.51	79.77	52.67	80.90	65.80	75.23
8	107.75	--	--	--	--	86.60	76.26	76.49	78.25	58.99	89.53	75.61
9	110.21	--	--	--	--	--	86.74	80.65	70.10	84.22	59.58	99.66
10	109.22	--	--	--	--	--	--	89.56	82.14	81.78	84.24	76.22
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 5650 MHz; 0 dBm.
 LO IN: 5680 MHz; +4 dBm
 IF OUT: 30 MHz; -6.71 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