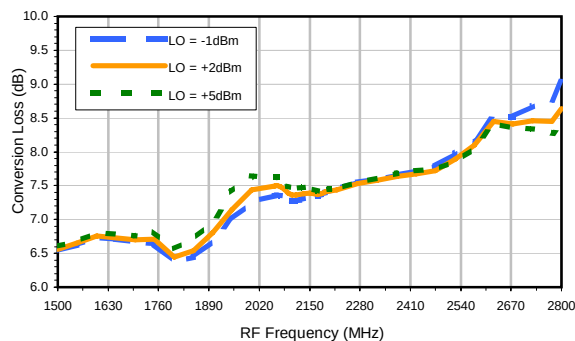
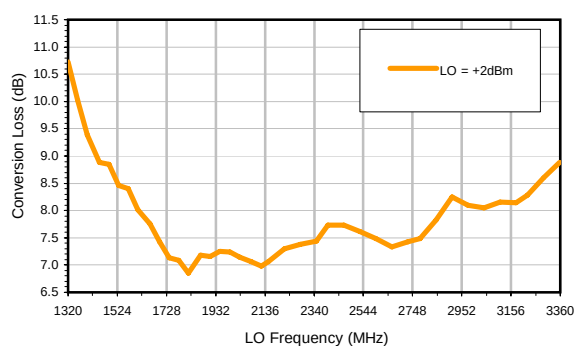


Typical Performance Curves

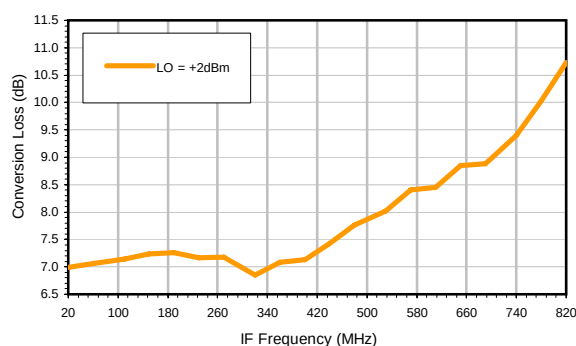
Conversion Loss @IF=184 MHz



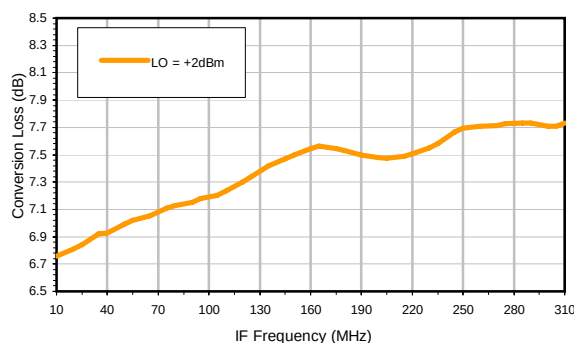
Conversion Loss vs. LO @ RF=2140 MHz



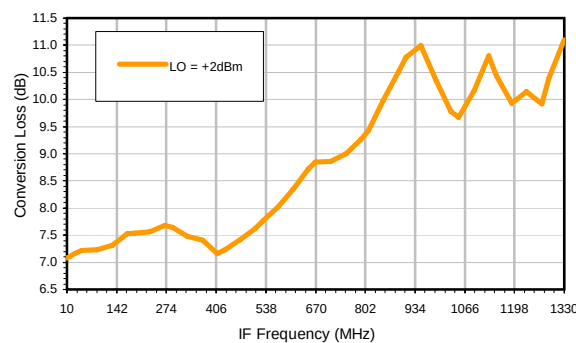
Conversion Loss vs. IF @ RF=2140 MHz



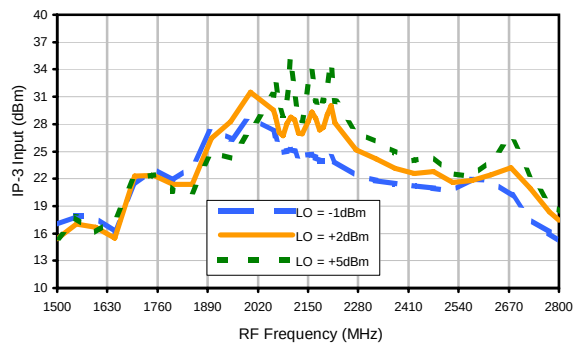
Conversion Loss vs. IF @ RF=2060 MHz



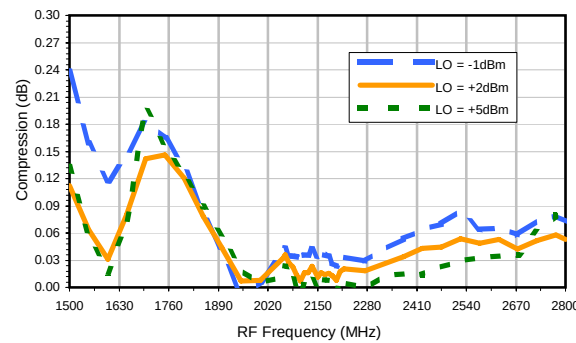
Conversion Loss vs. IF @ RF=2220 MHz



IP-3 Input

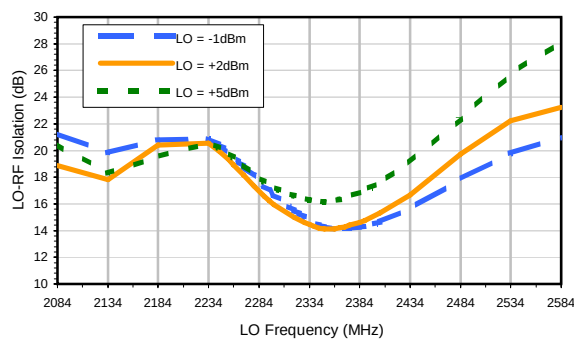


Compression @RF IN=13 dBm

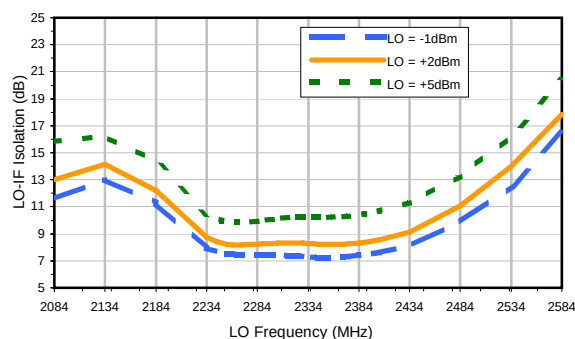


Typical Performance Curves

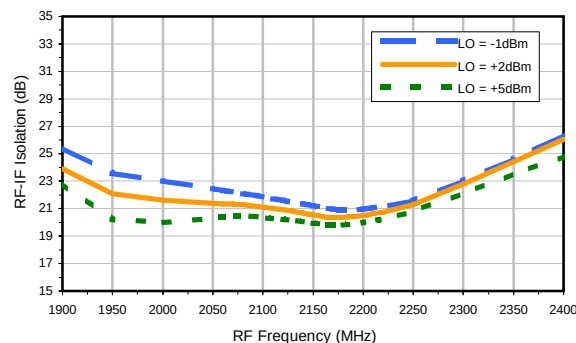
LO-RF Isolation



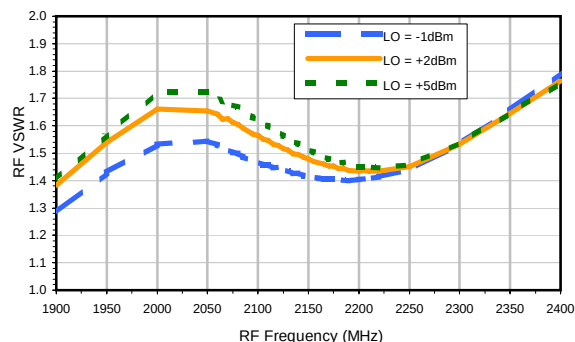
LO-IF Isolation



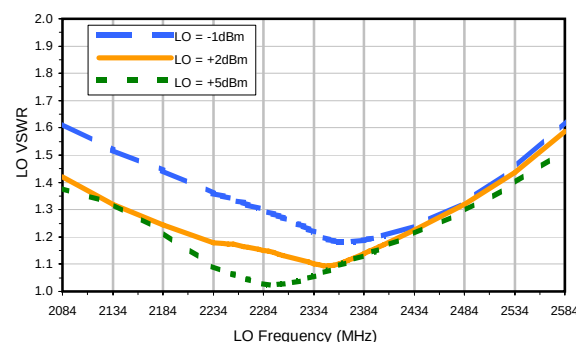
RF-IF Isolation



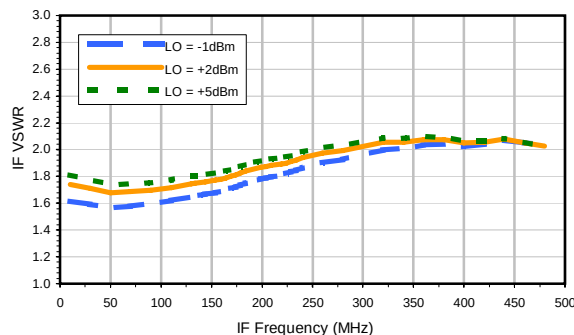
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	--	--	5.81	1.68	23.94	18.40	29.33	23.27	23.09	30.69	32.69	36.92
1	--	13.66	--	27.06	29.94	29.27	50.79	48.23	47.55	46.85	55.39	57.68
2	113.57	68.74	62.13	51.80	69.57	88.17	68.07	81.13	91.56	77.14	83.70	78.28
3	119.82	99.07	101.91	98.64	87.00	101.79	103.89	101.34	112.25	115.04	104.50	109.57
4	118.10	113.96	113.67	111.26	104.60	104.26	109.68	111.03	109.72	112.82	112.94	112.36
5	119.06	114.13	116.05	115.11	110.84	105.46	108.44	113.30	111.64	114.00	115.59	116.14
6	120.33	113.33	115.77	113.65	112.97	113.00	105.64	106.17	113.05	114.75	114.32	113.26
7	118.50	110.36	114.35	114.81	114.66	114.13	111.36	107.69	109.09	112.05	113.14	114.52
8	115.46	109.64	110.62	112.91	112.92	114.69	108.42	112.70	106.85	106.79	112.07	115.34
9	116.85	110.89	111.18	110.91	111.75	113.38	111.37	111.45	108.87	102.23	105.40	109.71
10	114.76	109.55	108.64	109.82	110.43	115.44	112.26	113.17	115.88	112.04	110.55	110.24
RF CAL		0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 2140 MHz; -5.00 dBm.
 LO IN: 2324 MHz; +2.00 dBm
 IF OUT: 184 MHz; -12.48 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	--	--	4.46	11.96	33.82	28.38	40.55	33.59	33.21	40.94	43.79	46.13
1	--	13.85	--	27.39	30.21	30.39	49.90	48.99	47.86	46.91	56.53	59.54
2	99.88	58.78	52.03	42.45	60.68	76.74	58.58	71.28	84.13	67.25	73.28	68.98
3	112.71	78.98	85.20	76.86	68.08	84.58	86.98	82.60	94.65	94.17	86.41	93.11
4	114.08	102.44	115.14	95.44	91.25	83.96	99.83	112.71	101.70	122.75	110.74	97.19
5	112.97	113.43	122.62	121.34	106.51	101.48	95.98	117.16	114.38	116.59	122.86	120.16
6	113.38	121.67	122.93	122.53	122.04	120.55	115.27	115.38	120.79	122.20	120.87	121.52
7	111.36	119.58	121.56	121.87	120.74	121.78	117.41	116.64	117.19	120.49	122.17	122.25
8	110.30	118.47	117.78	122.28	120.58	122.90	118.17	121.10	115.93	111.97	119.92	122.27
9	109.86	118.57	117.27	120.17	121.96	120.34	120.60	120.99	119.85	110.60	112.38	121.28
10	107.31	116.99	118.85	118.70	119.73	121.33	121.59	121.78	120.81	118.55	112.82	115.92
RF CAL		0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 2140 MHz; +5.00 dBm.
 LO IN: 2324 MHz; +2.00 dBm
 IF OUT: 184 MHz; -2.36 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