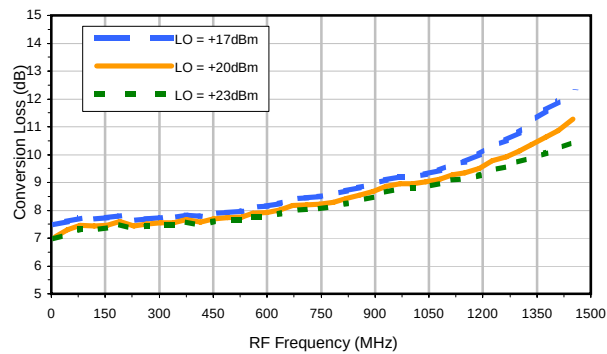
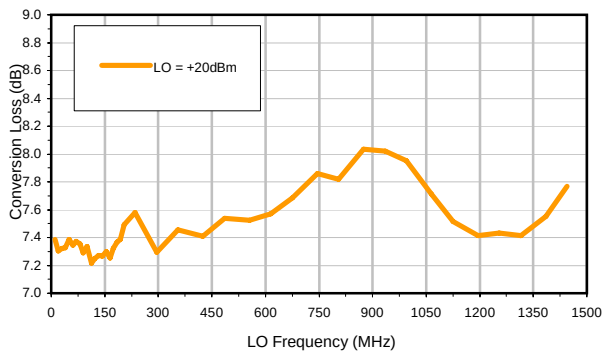


Typical Performance Curves

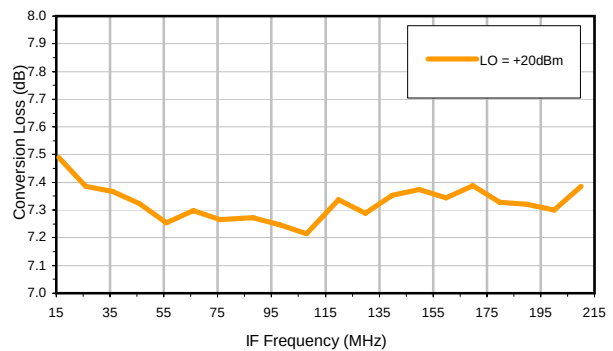
Conversion Loss @IF=30 MHz



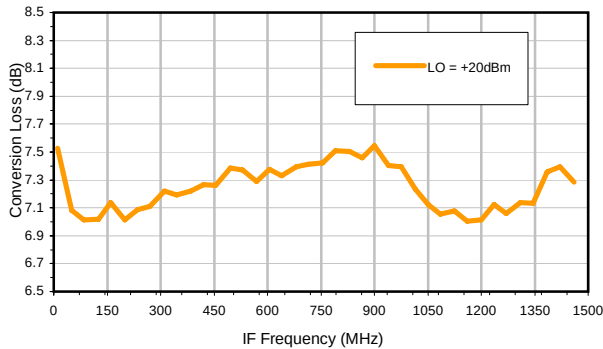
Conversion Loss vs. LO @ RF=220 MHz



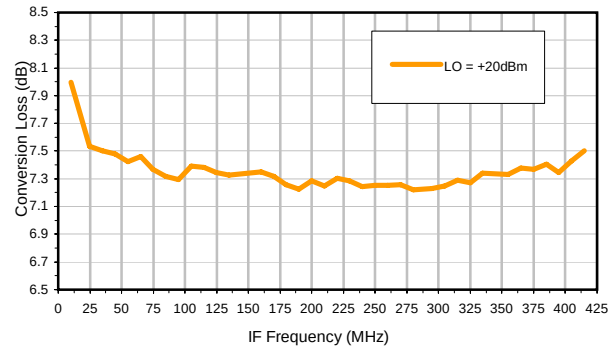
Conversion Loss vs. IF @ RF=220 MHz



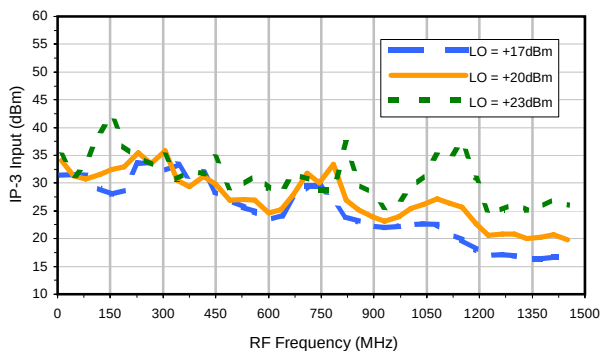
Conversion Loss vs. IF @ RF=20 MHz



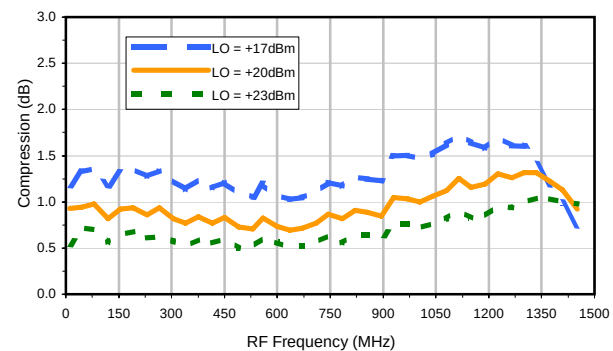
Conversion Loss vs. IF @ RF=425 MHz



IP-3 Input

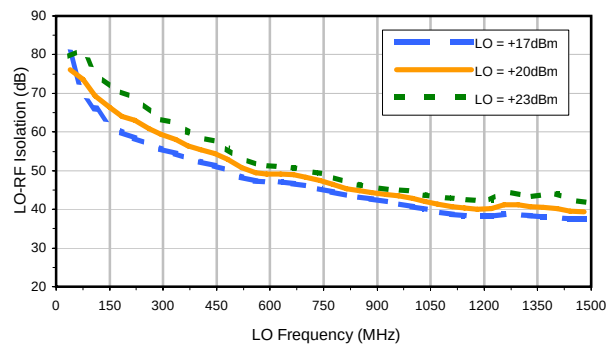


Compression @ RF IN=+14 dBm

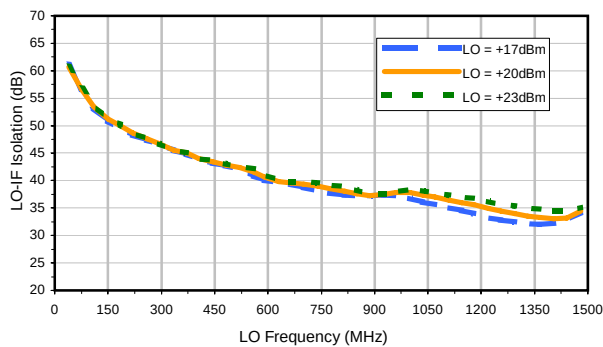


Typical Performance Curves

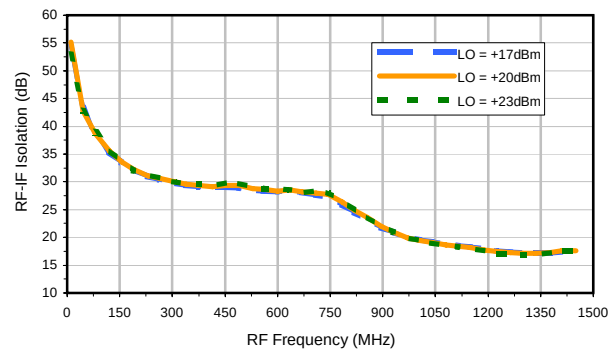
LO-RF Isolation



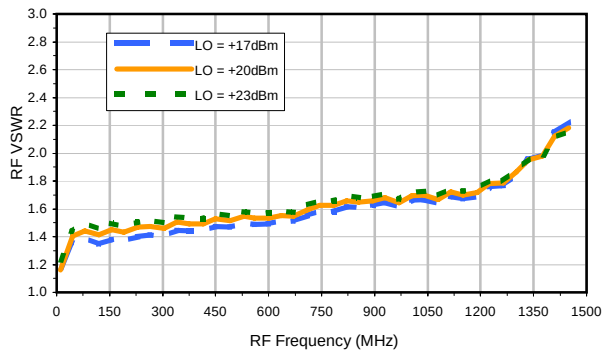
LO-IF Isolation



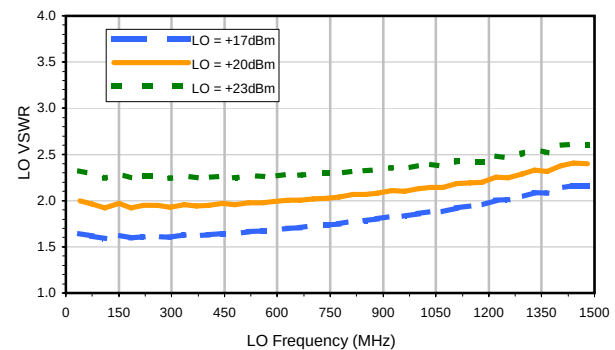
RF-IF Isolation



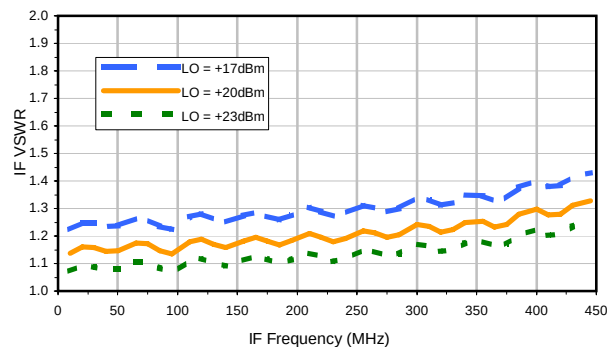
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	5.14	32.15	23.17	33.43	34.52	31.10	26.96	33.63	28.79	47.33
1	---	35.72	---	59.86	10.54	59.72	16.26	49.68	19.41	43.55	22.13	36.74
2	178.51	73.66	52.05	68.81	53.74	68.02	57.61	68.91	59.16	77.32	57.17	80.39
3	201.84	88.48	76.59	86.66	69.31	83.95	63.56	81.79	61.58	82.61	62.48	83.87
4	203.74	90.86	84.27	90.16	84.91	89.75	84.24	89.10	86.82	91.28	91.14	90.51
5	201.31	107.14	94.76	106.36	89.51	111.26	89.06	103.35	90.98	103.70	89.18	106.11
6	204.45	106.73	106.32	100.63	107.38	98.63	108.87	100.05	102.79	110.09	108.96	105.48
7	199.69	109.12	104.43	108.64	104.05	110.24	97.06	108.47	95.47	107.41	109.30	106.16
8	197.93	104.58	107.26	107.91	108.88	110.48	107.95	100.25	107.21	95.00	106.55	107.60
9	194.38	107.00	107.11	106.83	109.43	111.63	102.69	111.09	97.49	105.99	99.10	111.39
10	195.65	103.55	107.89	109.97	108.00	111.65	113.71	107.23	107.42	108.83	106.77	108.21
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 220.1 MHz; -1 dBm.
LO IN: 250.1 MHz; +20.00 dBm
IF OUT: 30 MHz; -8.93 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	14.97	41.90	32.24	44.37	42.81	43.23	37.59	47.56	41.21	58.82
1	---	35.69	---	56.34	10.52	55.55	16.36	50.04	20.27	46.35	23.60	40.78
2	83.55	74.46	44.10	68.77	45.49	68.33	47.72	65.66	49.32	60.13	49.35	56.36
3	98.99	75.46	49.92	76.04	59.19	73.96	59.24	71.99	50.79	72.21	45.94	60.95
4	127.73	74.57	67.09	73.03	66.56	70.89	67.19	70.31	70.83	70.67	73.17	72.93
5	126.49	81.11	68.22	79.16	60.55	78.01	58.18	77.51	56.40	75.30	55.23	73.83
6	127.42	80.82	77.33	82.21	76.74	86.67	78.19	83.01	79.64	81.60	76.86	79.34
7	126.43	91.03	84.42	95.60	89.87	100.79	79.57	110.00	77.20	113.56	75.82	104.04
8	125.59	88.00	92.77	86.76	94.35	87.83	96.52	89.49	96.40	95.79	93.16	89.92
9	130.75	92.80	80.03	93.42	79.27	94.64	80.75	95.64	87.81	98.17	84.82	94.72
10	127.67	94.88	97.43	98.97	99.75	98.90	103.35	100.85	104.96	107.05	104.62	105.21
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 220.1 MHz; +9 dBm.
LO IN: 250.1 MHz; +20.00 dBm
IF OUT: 30 MHz; +1.02 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.