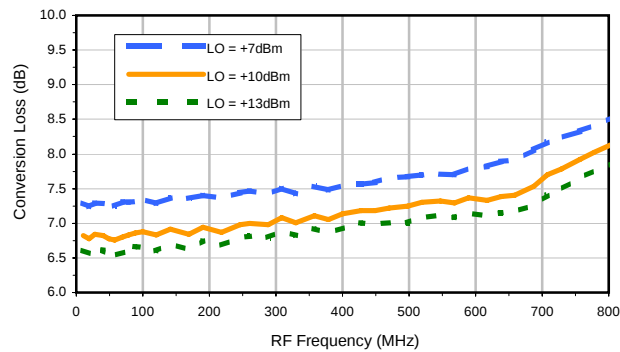
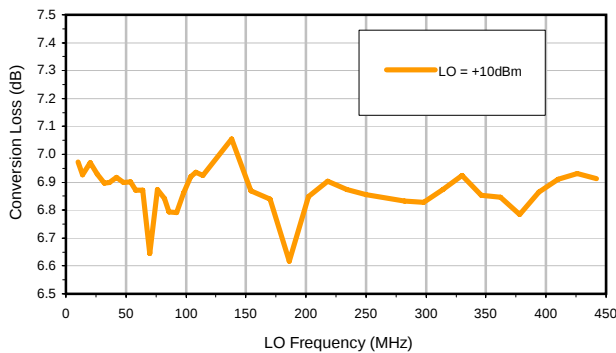


Typical Performance Curves

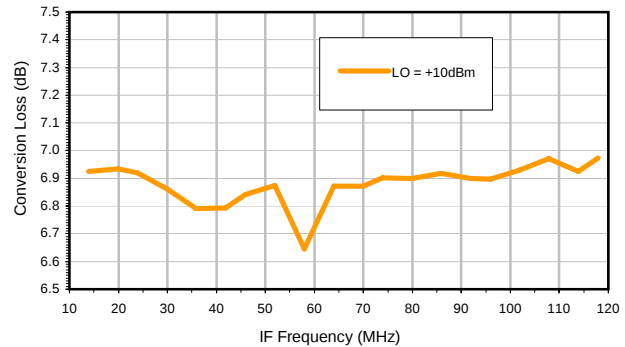
Conversion Loss @IF=30 MHz



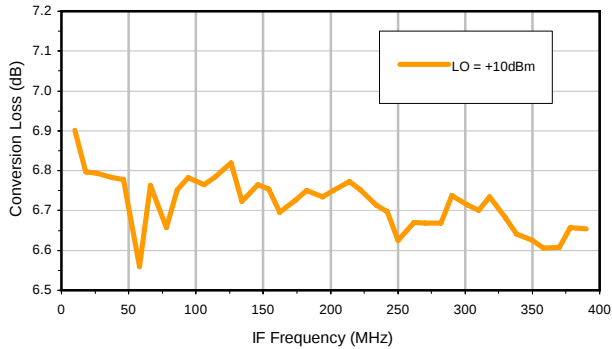
Conversion Loss vs. LO @ RF=128 MHz



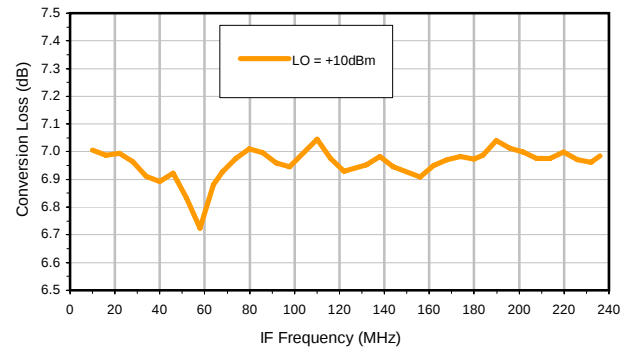
Conversion Loss vs. IF @ RF=128 MHz



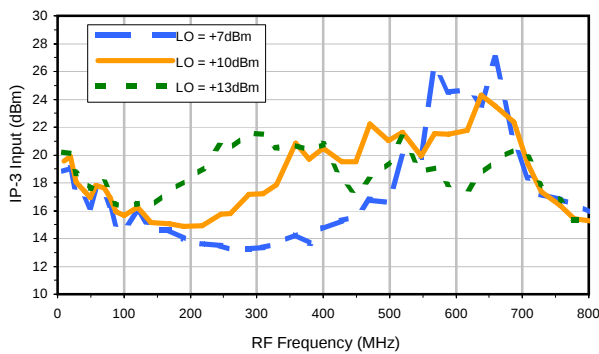
Conversion Loss vs. IF @ RF=10 MHz



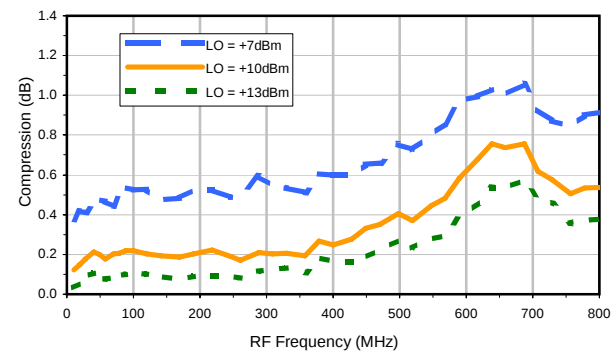
Conversion Loss vs. IF @ RF=246 MHz



IP-3 Input

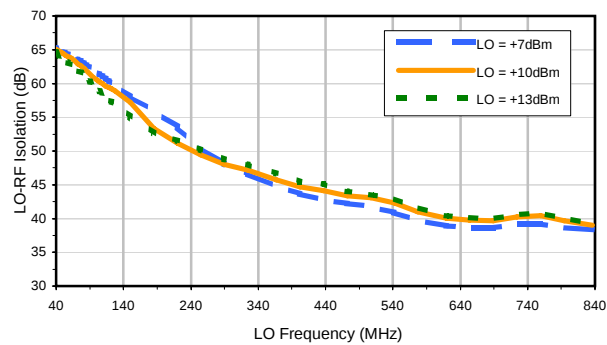


Compression @RF IN=+5 dBm

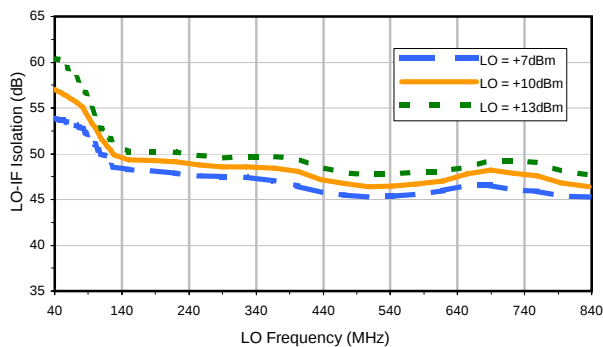


Typical Performance Curves

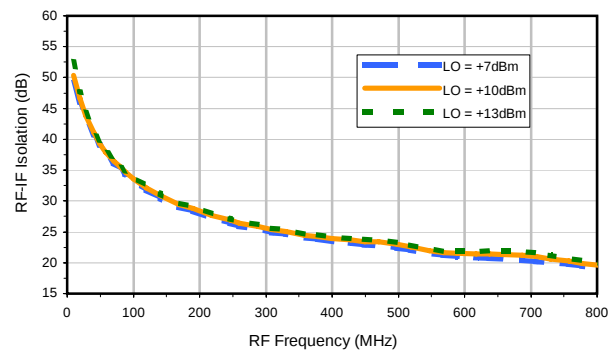
LO-RF Isolation



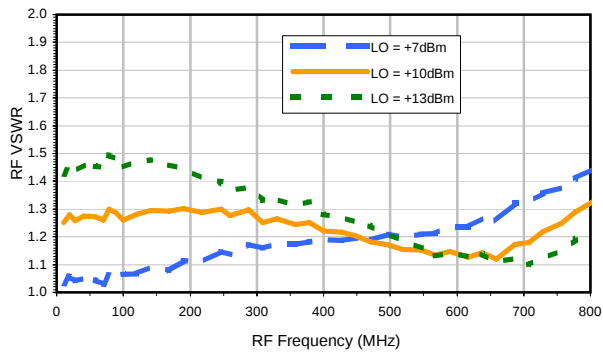
LO-IF Isolation



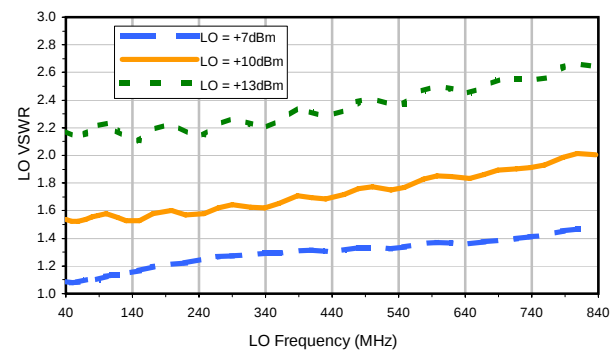
RF-IF Isolation



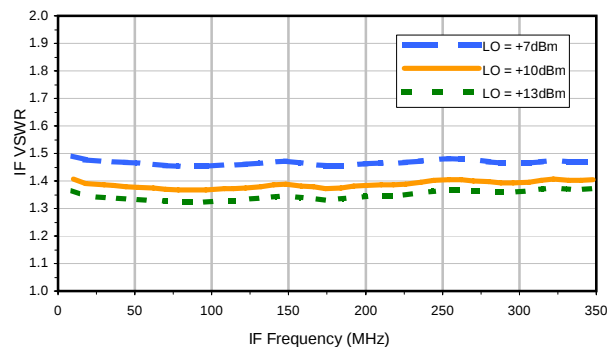
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	18.02	19.29	28.60	25.03	32.86	26.04	47.74	30.33	24.63	34.22
1	---	20.25	---	35.29	11.65	31.61	21.69	26.19	32.53	24.30	28.57	25.08
2	115.88	67.68	72.59	67.82	72.99	69.21	74.89	77.34	84.01	67.79	71.00	65.96
3	130.42	78.64	62.87	86.29	60.62	84.93	60.61	76.05	61.10	69.37	61.68	64.00
4	131.27	99.10	100.05	97.41	97.52	92.41	100.13	102.34	99.96	102.70	98.73	99.94
5	131.35	98.14	98.86	102.65	98.62	99.24	98.47	100.61	99.06	100.92	99.34	97.52
6	131.85	102.60	102.43	101.21	101.60	93.46	97.32	90.27	98.44	100.98	102.28	100.88
7	130.26	99.55	102.09	99.24	101.80	101.36	98.07	101.13	98.89	100.87	99.49	98.82
8	129.71	103.27	101.07	101.14	101.17	100.02	100.84	96.18	100.02	96.86	100.92	98.81
9	130.30	100.98	101.25	97.80	99.29	102.24	100.27	99.84	93.04	97.96	91.85	100.68
10	130.10	100.16	99.66	100.90	99.45	102.14	99.83	100.52	100.62	97.28	99.02	97.22
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 246 MHz; -15 dBm.
 LO IN: 276 MHz; +10.00 dBm
 IF OUT: 30.00 MHz; -22.01 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	30.64	31.89	42.12	37.95	46.61	40.14	61.50	46.89	41.49	52.42
1	---	20.57	---	36.89	11.46	33.74	20.44	28.66	30.44	28.19	34.21	30.65
2	104.64	75.60	65.66	74.88	64.82	69.06	63.24	63.86	65.06	56.94	72.91	56.79
3	123.54	56.64	46.35	61.41	43.45	68.60	43.74	55.44	42.50	48.76	41.69	43.94
4	125.19	73.54	76.51	74.73	77.94	75.60	79.69	80.95	84.98	82.24	90.64	74.64
5	122.15	70.53	59.65	80.47	57.36	89.85	55.14	74.64	54.98	71.26	56.12	64.51
6	122.66	82.24	90.92	83.57	96.42	83.40	108.66	95.60	96.24	92.62	88.70	88.34
7	122.36	84.92	72.82	94.36	71.57	87.30	72.19	84.75	72.43	86.45	77.33	85.70
8	122.72	101.42	102.15	107.38	101.59	114.43	97.34	99.07	93.32	91.59	96.14	93.68
9	121.57	91.21	89.82	91.87	88.46	90.88	92.60	94.75	99.82	96.86	84.44	102.48
10	120.75	111.74	106.11	107.35	104.86	105.80	102.53	106.35	103.61	108.62	101.51	100.04
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 246 MHz; -5 dBm.
 LO IN: 276 MHz; +10.00 dBm
 IF OUT: 30.00 MHz; -11.94 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