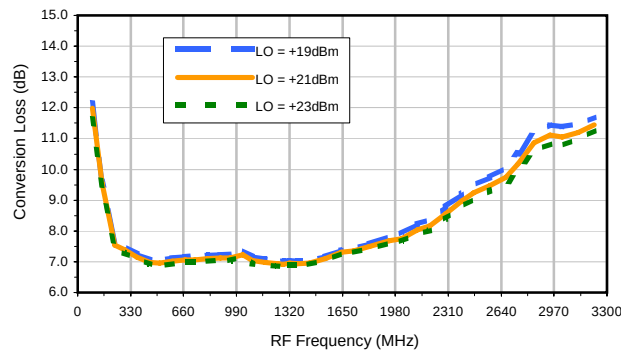
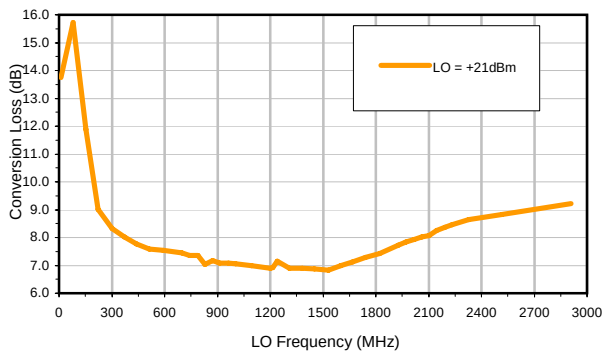


Typical Performance Curves

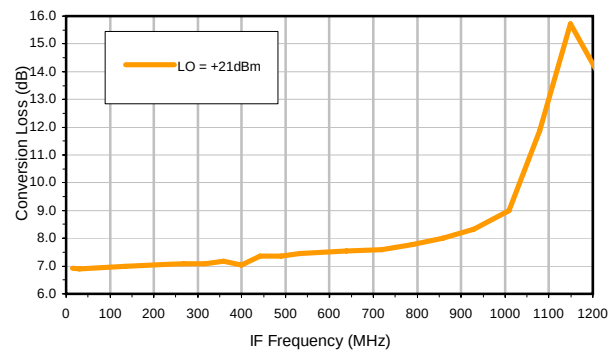
Conversion Loss @IF=30 MHz



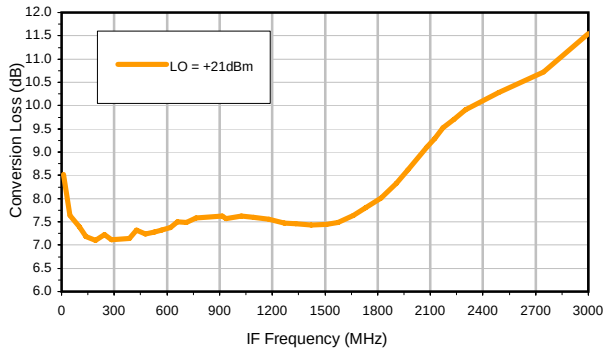
Conversion Loss vs. LO @ RF=1230 MHz



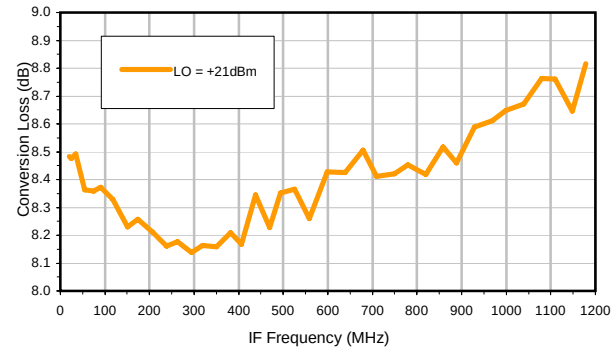
Conversion Loss vs. IF @ RF=1230 MHz



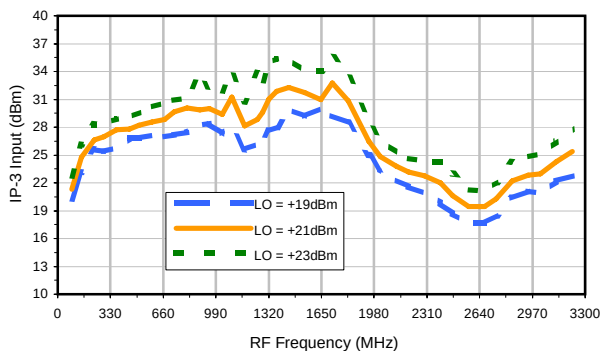
Conversion Loss vs. IF @ RF=200 MHz



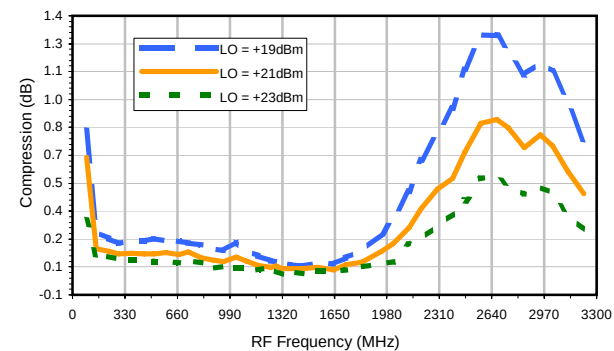
Conversion Loss vs. IF @ RF=2300 MHz



IP-3 Input

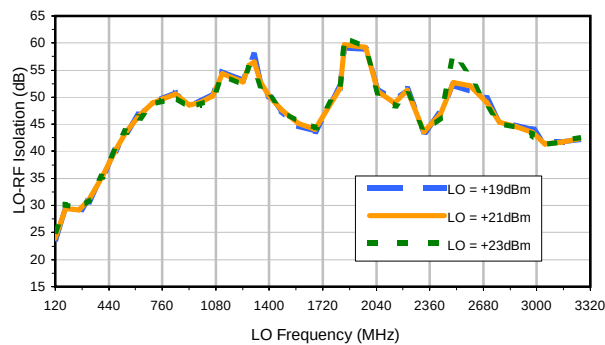


Compression @RF IN=+11 dBm

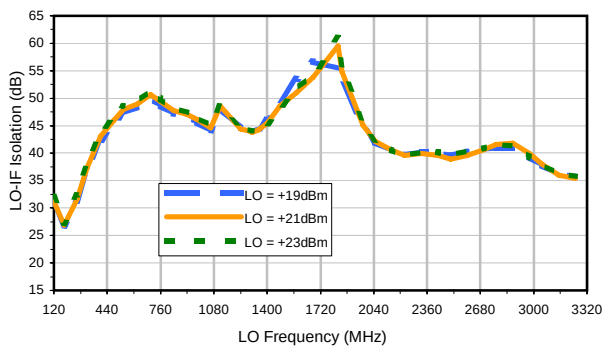


Typical Performance Curves

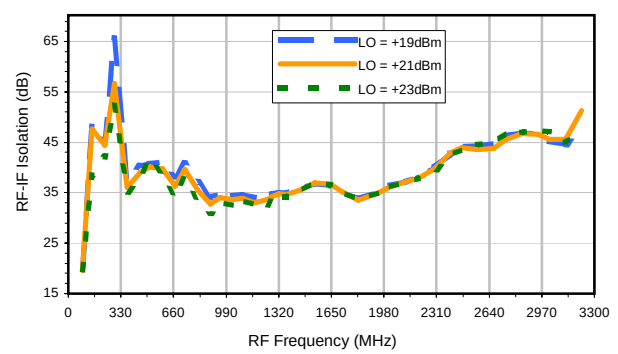
LO-RF Isolation



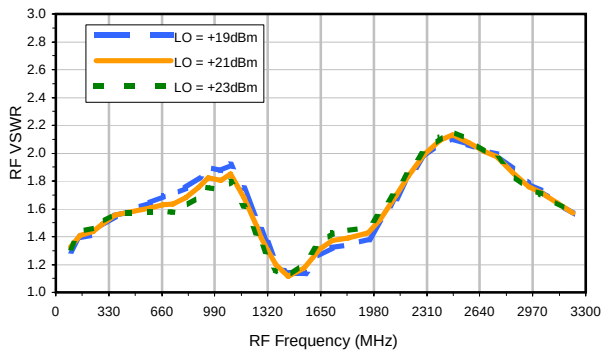
LO-IF Isolation



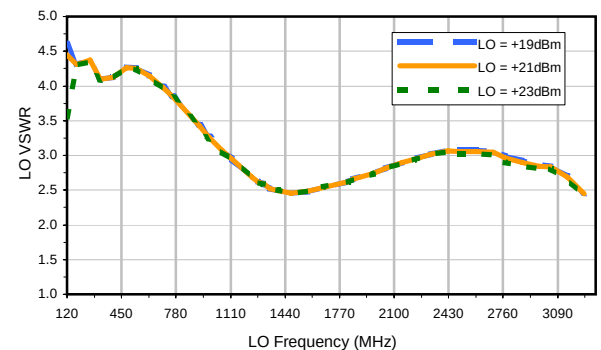
RF-IF Isolation



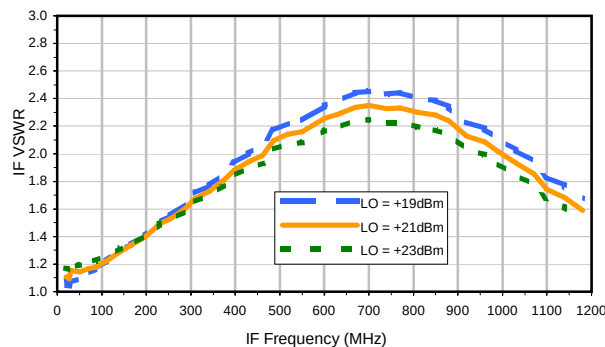
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	--	--	12.94	19.69	20.86	23.55	23.35	38.56	37.42	48.83	38.17	52.73
1	--	29.36	--	40.86	14.54	49.17	32.24	45.64	39.39	46.54	44.33	51.89
2	98.52	83.48	76.40	77.64	69.96	76.14	71.54	73.12	79.20	74.42	90.12	77.46
3	102.52	90.18	81.18	83.58	74.86	85.92	76.34	87.34	87.92	93.50	93.33	93.99
4	102.12	98.81	85.76	81.55	76.94	81.14	81.47	83.23	82.54	98.87	89.40	94.57
5	99.70	87.31	86.97	85.40	86.50	74.99	79.46	71.10	85.12	87.22	87.67	89.74
6	99.58	95.43	84.91	86.20	91.16	86.13	70.68	73.55	72.38	84.09	75.08	82.30
7	98.36	109.44	94.32	91.05	87.40	82.34	80.81	76.74	80.15	78.99	83.55	86.42
8	100.06	109.73	108.51	109.50	86.41	107.45	90.93	100.09	88.43	95.42	87.04	84.47
9	100.41	112.00	110.24	110.91	96.02	109.72	107.24	102.29	85.78	94.80	98.76	95.33
10	101.16	108.90	111.17	106.63	108.46	110.32	103.39	107.85	93.47	105.33	86.67	97.42
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 1250.00 MHz; 0.00 dBm.
LO IN: 1280.00 MHz; +21.00 dBm
IF OUT: 29.91 MHz; -6.83 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	--	--	23.83	31.02	32.16	33.77	34.84	46.9	48.66	57.15	50.82	63.76
1	--	29.74	--	42.45	14.79	51.98	33.06	46.7	40.55	47.38	45.53	53.23
2	87.95	59.62	62.01	65.8	66.65	64.85	78.6	60.13	67.89	64.77	71.61	67.48
3	91.95	71.46	54.28	66.7	49.97	66.77	52.62	72.85	61.35	78.24	65.13	75.36
4	91.55	78.59	79.1	83.23	74	79.8	75.48	80.87	80.29	84.02	93.89	93.74
5	89.13	87.3	92.1	84.61	82.29	74.26	80.64	83.83	84.31	88.98	96.38	93.53
6	89.01	94.15	89.66	90.42	87.64	80.95	81.54	77.31	81.94	83.14	94.09	87.61
7	87.79	105	88.49	97.46	86.9	83.99	79.61	77.48	88.05	77.47	74.98	83.62
8	89.49	111.9	104.1	109.5	97.21	99.1	87.29	93	83.3	90.53	80.14	92.13
9	89.84	117.1	107.4	104.5	107.9	110.2	91.11	98.81	79.27	94.09	72.47	94.88
10	90.59	121.4	116.3	111.8	116.6	108.1	103.8	107.3	99.2	106.6	93.8	106.2
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 1250.00 MHz; 10.00 dBm.
LO IN: 1280.00 MHz; +21.00 dBm
IF OUT: 29.91 MHz; 3.74 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