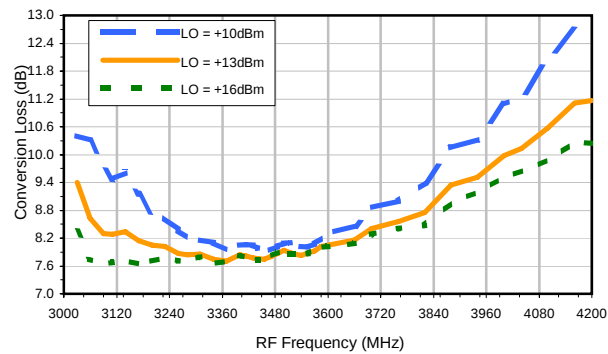
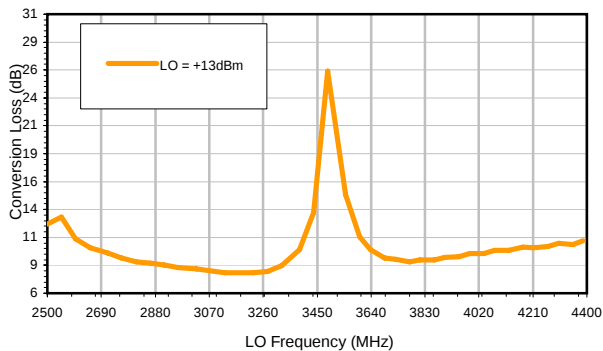


Typical Performance Curves

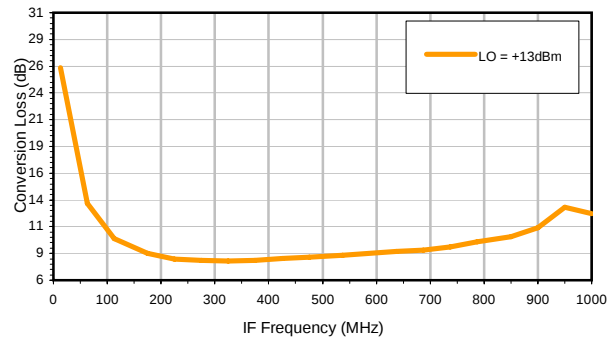
Conversion Loss @IF=456 MHz



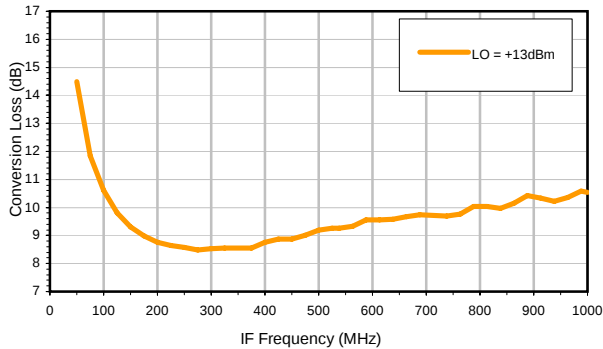
Conversion Loss vs. LO @ RF=3500.1 MHz



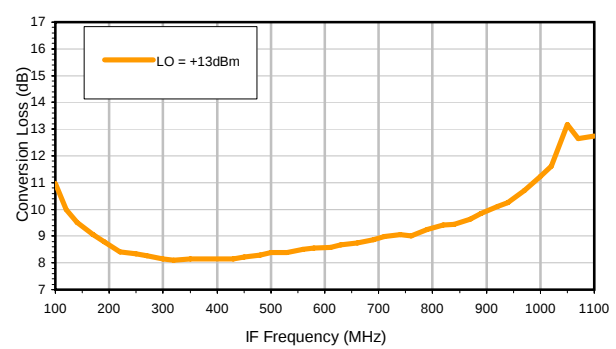
Conversion Loss vs. IF @ RF=3500.1 MHz



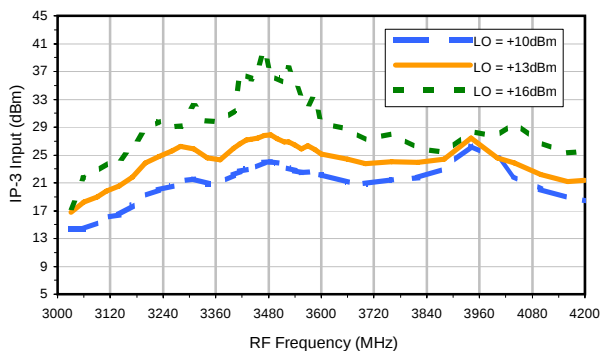
Conversion Loss vs. IF @ RF=3400 MHz



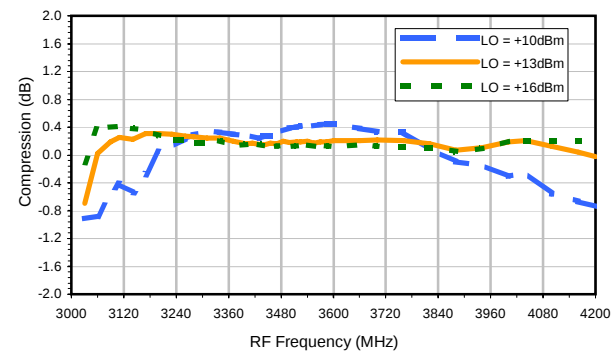
Conversion Loss vs. IF @ RF=3600.1 MHz



IP-3 Input

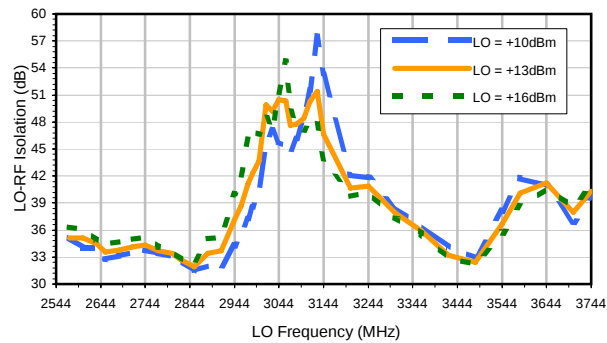


Compression @RF IN=+13 dBm

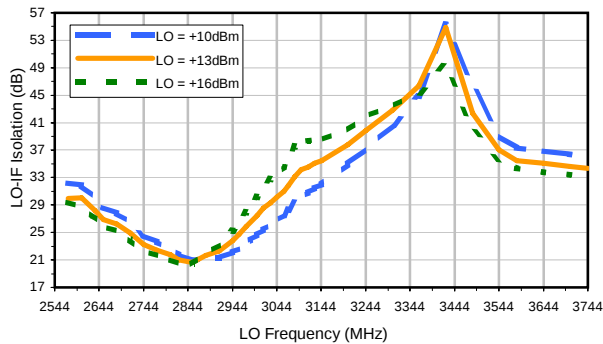


Typical Performance Curves

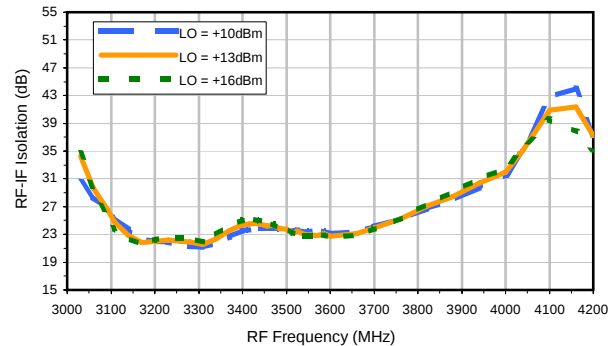
LO-RF Isolation



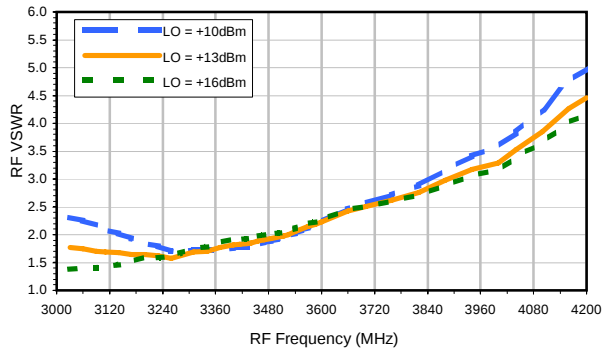
LO-IF Isolation



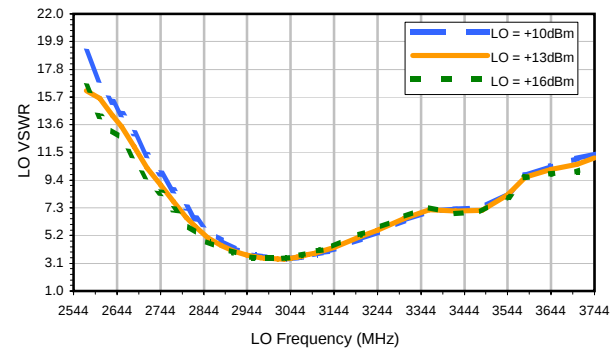
RF-IF Isolation



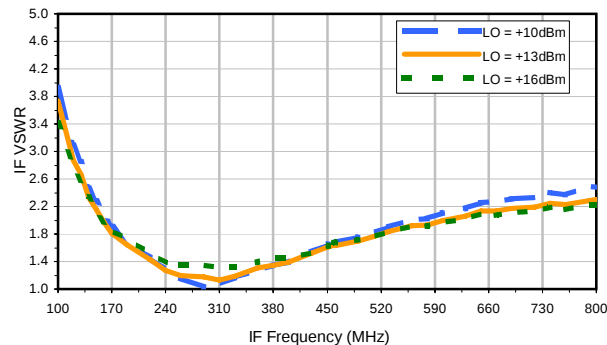
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	9.47	22.44	35.10	21.94	31.95	27.74	41.29	52.53	52.53	52.53
1	---	5.71	+0	25.45	21.57	30.21	34.58	43.05	60.28	56.34	52.53	52.53
2	90.10	40.98	59.82	55.94	46.92	45.57	55.30	51.72	65.90	69.64	76.43	64.81
3	102.29	64.10	61.39	63.04	55.07	61.73	58.22	65.43	65.78	77.17	76.21	78.61
4	111.33	93.98	98.96	85.30	93.63	87.93	83.31	91.71	90.33	89.13	96.60	94.34
5	102.35	94.93	105.53	100.48	92.94	98.36	77.71	76.80	87.06	93.23	106.81	97.08
6	102.05	88.77	93.14	91.71	91.15	104.00	96.29	81.20	77.32	80.11	92.19	97.80
7	---	52.53	88.64	92.12	99.74	95.60	95.49	93.42	87.31	72.36	85.70	98.51
8	---	52.53	52.53	91.74	85.93	93.79	98.52	103.88	88.16	84.77	82.96	94.01
9	---	52.53	52.53	52.53	100.70	94.70	90.62	101.50	93.91	94.34	86.75	78.04
10	---	52.53	52.53	52.53	52.53	94.52	91.89	90.81	96.08	93.98	93.99	88.88
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions: RF IN: 3500.00 (MHz), 0.00 dBm.
LO IN: 3044.00 (MHz), 13.00 dBm
IF OUT: 456.00 (MHz), -8.33 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	20.17	31.30	43.97	36.07	41.83	43.18	52.53	56.59	56.59	56.59
1	---	6.03	+0	26.36	22.61	31.53	36.69	44.92	61.72	56.56	56.59	56.59
2	80.49	31.56	55.78	46.21	38.30	38.37	48.84	46.19	64.88	67.13	69.44	62.79
3	114.05	45.56	42.91	45.97	36.27	41.94	42.28	48.47	56.09	71.28	68.97	69.64
4	123.87	78.36	73.21	58.85	62.59	57.93	62.40	61.98	71.48	66.24	88.56	76.20
5	116.29	87.77	83.19	69.35	73.18	61.61	52.70	58.29	56.64	60.32	63.21	71.47
6	113.16	100.72	94.56	91.07	100.28	90.04	78.85	77.75	73.84	74.24	76.31	81.02
7	---	56.59	94.97	99.13	103.34	96.25	82.05	81.92	79.27	76.66	66.73	71.75
8	---	56.59	56.59	98.91	103.08	101.17	94.27	98.64	84.36	82.86	77.51	78.88
9	---	56.59	56.59	56.59	96.11	98.53	99.37	115.96	98.63	88.70	85.86	94.83
10	---	56.59	56.59	56.59	56.59	108.67	99.19	110.77	110.52	105.44	107.76	95.91
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions: RF IN: 3500.00 (MHz), 10.00 dBm.
LO IN: 3044.00 (MHz), 13.00 dBm
IF OUT: 456.00 (MHz), 1.92 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