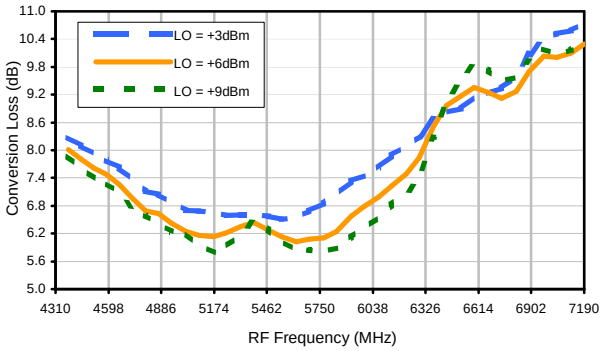
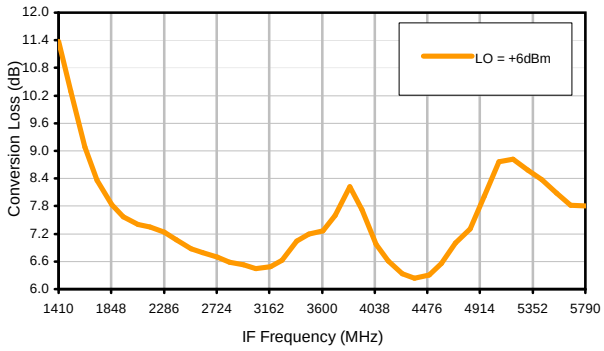
Typical Performance Curves

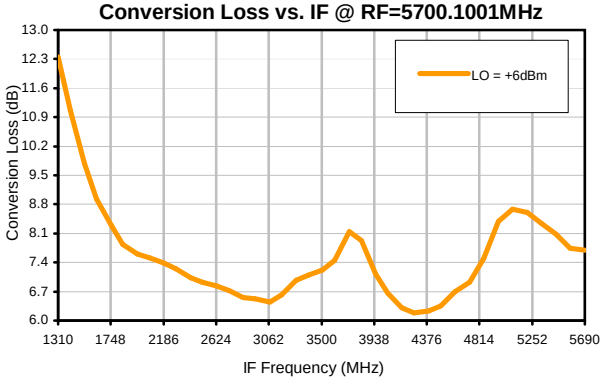
Conversion Loss @ IF=4300MHz



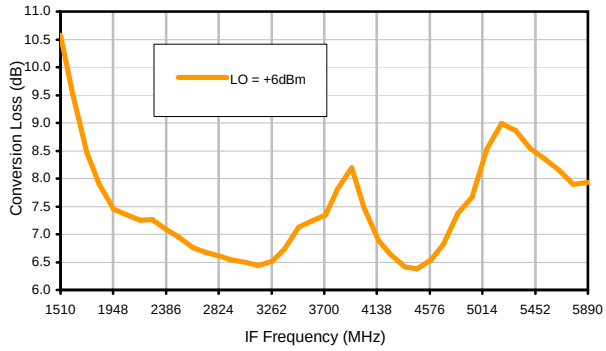
Conversion Loss vs. IF @ RF=5800.1001MHz



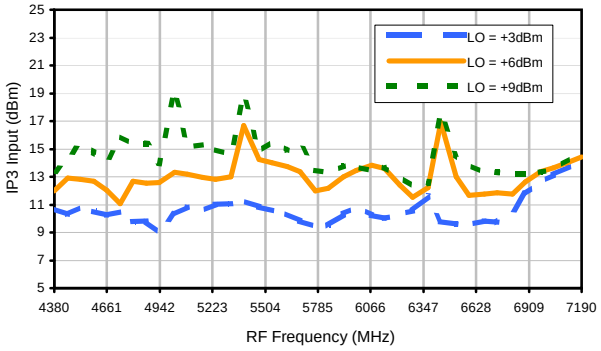
Conversion Loss vs. IF @ RF=5700.1001MHz



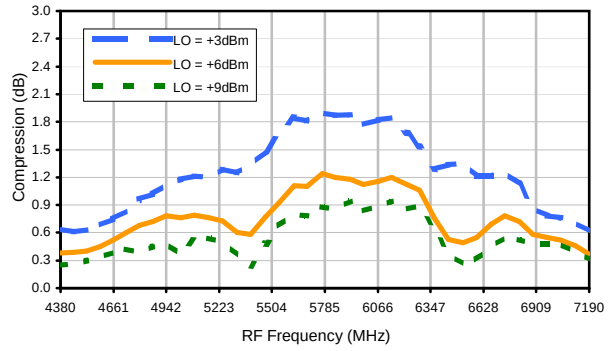
Conversion Loss vs. IF @ RF=5900.1001MHz



IP3 Input

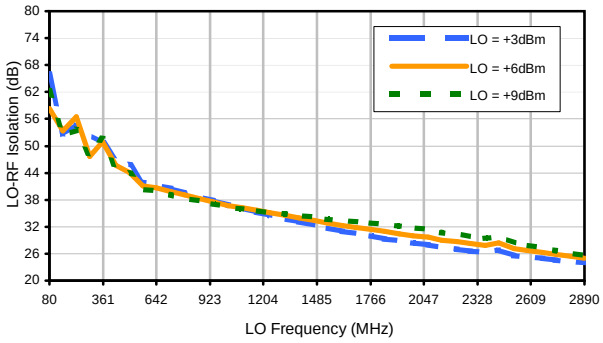


Compression @ RF IN=+1dBm

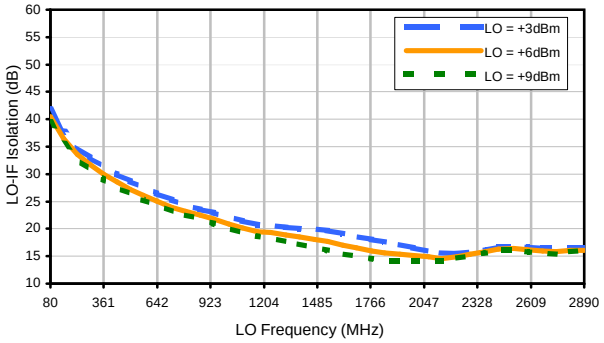


Typical Performance Curves

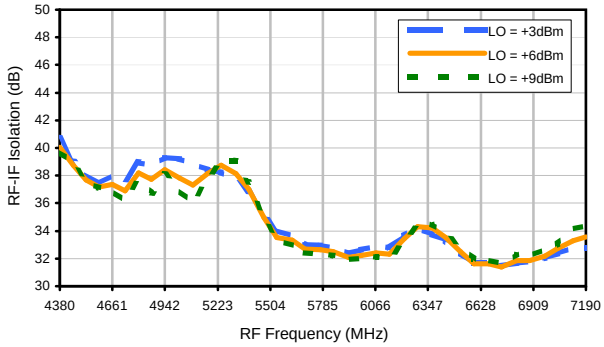
LO-RF Isolation



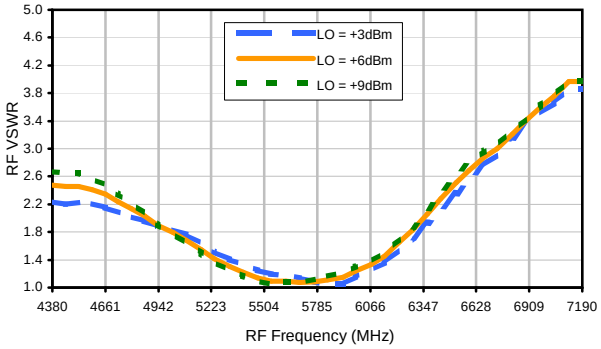
LO-IF Isolation



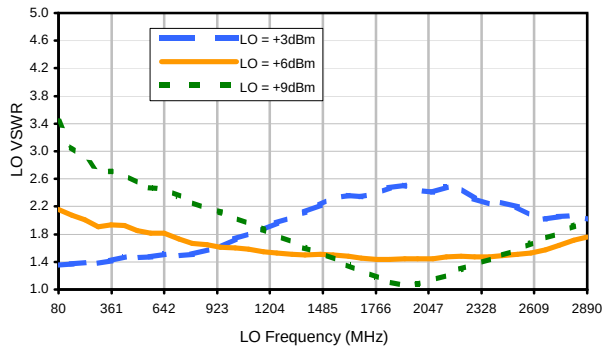
RF-IF Isolation



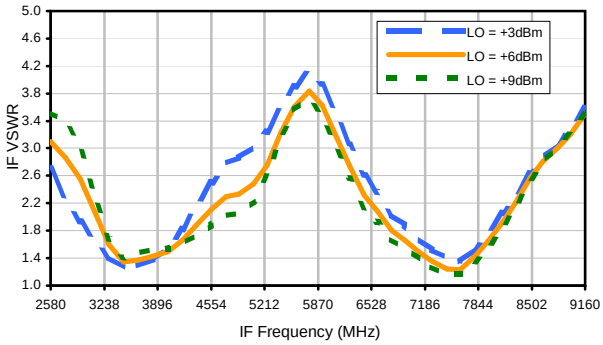
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER	(-dBm)	(-dBc)										
0	---	---	9.54	-19.96	-5.99	-22.97	-10.07	-30.28	-19.62	-30.19	-28.10	-52.07
1	---	-23.16	---	-41.10	-16.44	-54.42	-24.64	-48.74	-26.60	-50.34	-29.70	-62.88
2	-100.89	-65.78	-41.53	-61.88	-42.44	-57.26	-42.99	-61.04	-49.70	-77.73	-48.96	-61.40
3	-97.47	-87.64	-64.58	-83.80	-69.55	-86.86	-62.89	-76.05	-57.28	-72.62	-54.84	-74.06
4	-96.93	-88.26	-90.65	-92.01	-90.90	-91.87	-92.15	-88.91	-88.87	-91.96	-79.18	-97.34
5	-94.79	-62.00	-61.97	-87.81	-90.68	-91.43	-89.84	-91.41	-89.05	-90.73	-93.21	-91.44
6	-96.25	-62.06	-61.90	-62.26	-62.12	-61.88	-62.18	-88.71	-88.80	-89.56	-89.39	-93.47
7	-95.81	-62.03	-62.14	-62.05	-62.30	-62.12	-62.26	-62.17	-61.49	-61.84	-61.59	-87.19
8	-94.79	-61.96	-61.81	-62.05	-62.18	-62.30	-62.07	-61.98	-61.68	-61.80	-61.36	-61.62
9	-94.44	-62.06	-62.21	-61.90	-62.37	-62.10	-62.43	-61.81	-61.46	-61.53	-61.41	-61.68
10	-94.27	-61.91	-62.03	-61.91	-61.89	-61.92	-62.45	-61.90	-61.44	-61.54	-61.47	-61.63
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

Test conditions:
RF IN: 0 MHz; -14 dBm.
LO IN: 0 MHz; +6 dBm
IF OUT: 0 MHz; -20.47 dBm

RF HARMONICS ORDER	(-dBm)	(-dBc)										
0	---	---	-0.82	-28.43	-19.51	-35.59	-20.12	-39.81	-30.48	-41.23	-43.42	-51.09
1	---	-23.10	---	-44.58	-16.91	-57.86	-24.05	-56.73	-33.03	-67.15	-33.56	-56.96
2	-92.07	-55.04	-30.85	-53.38	-32.40	-50.03	-35.70	-58.37	-40.01	-70.44	-40.67	-61.68
3	-107.57	-72.10	-42.94	-64.78	-48.00	-70.19	-44.10	-57.48	-40.63	-61.88	-42.00	-69.70
4	-105.75	-83.87	-75.05	-84.59	-59.06	-90.48	-70.37	-63.15	-61.86	-70.15	-54.54	-67.08
5	-104.18	-77.76	-77.62	-93.74	-84.91	-87.59	-76.29	-83.56	-64.87	-82.04	-60.64	-68.50
6	-104.37	-77.36	-77.21	-77.48	-77.34	-77.95	-77.32	-95.19	-88.37	-89.12	-76.61	-82.92
7	-105.18	-77.49	-77.29	-77.79	-77.51	-77.41	-77.55	-77.49	-77.21	-77.52	-77.82	-97.71
8	-105.37	-77.56	-77.79	-77.81	-77.59	-77.43	-77.39	-77.76	-77.89	-78.01	-77.60	-77.76
9	-105.13	-77.43	-77.28	-77.98	-77.28	-77.32	-77.63	-77.66	-77.60	-77.45	-78.04	-77.64
10	-104.76	-77.64	-77.49	-77.44	-77.64	-77.38	-77.39	-77.52	-78.07	-77.56	-77.52	-77.28
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:
RF IN: 0 MHz; -4 dBm.
LO IN: 0 MHz; +6 dBm
IF OUT: 0 MHz; -10.58 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.