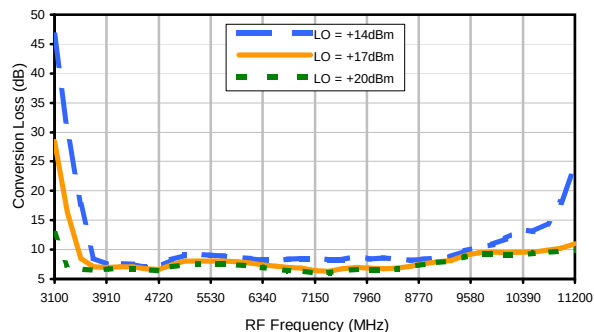
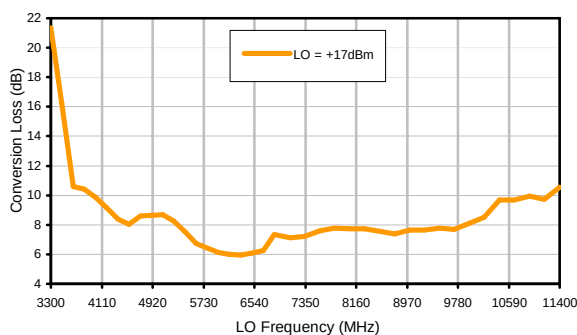


Typical Performance Curves

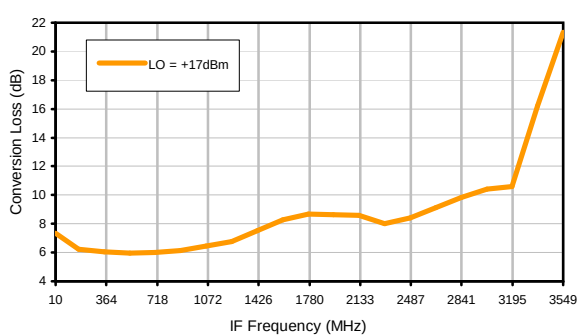
Conversion Loss @ IF=30MHz



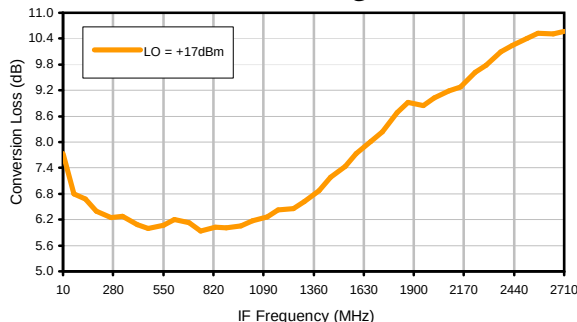
Conversion Loss vs. LO @ RF=6850MHz



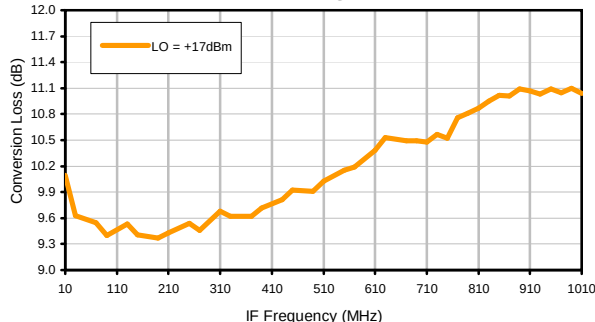
Conversion Loss vs. IF @ RF=6850MHz



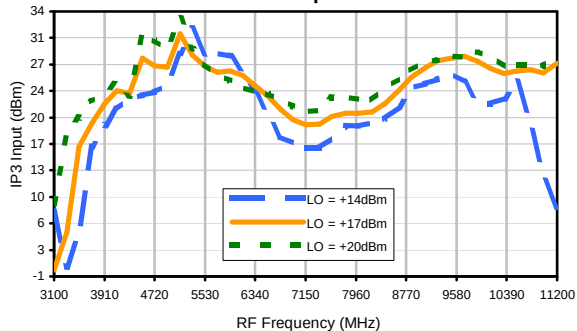
Conversion Loss vs. IF @ RF=3690MHz



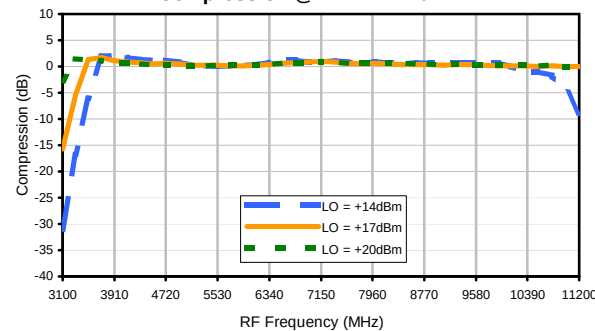
Conversion Loss vs. IF @ RF=10010.09MHz



IP3 Input

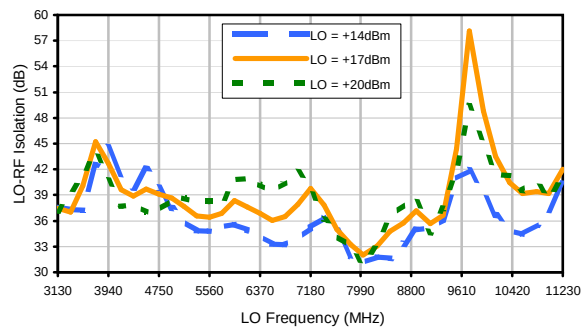


Compression @ RF IN=+14dBm

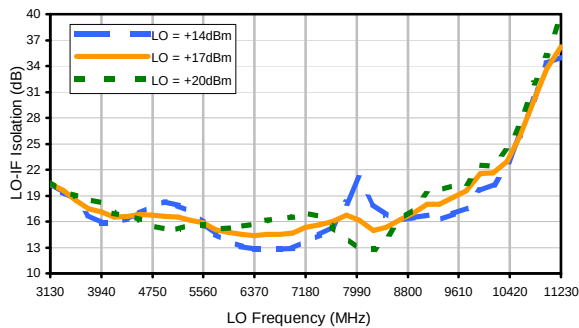


Typical Performance Curves

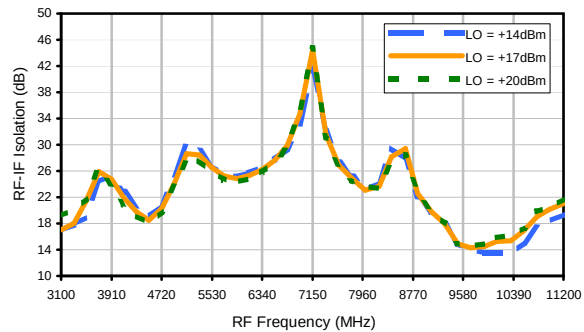
LO-RF Isolation



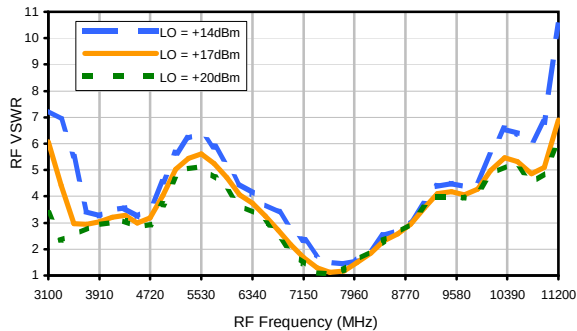
LO-IF Isolation



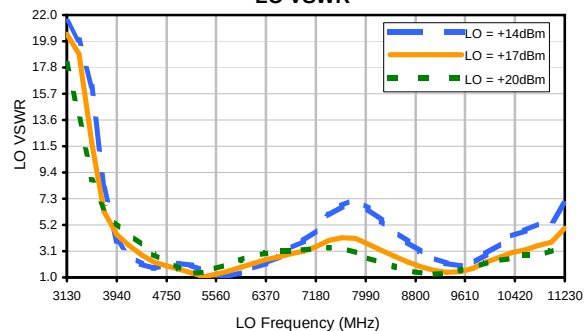
RF-IF Isolation



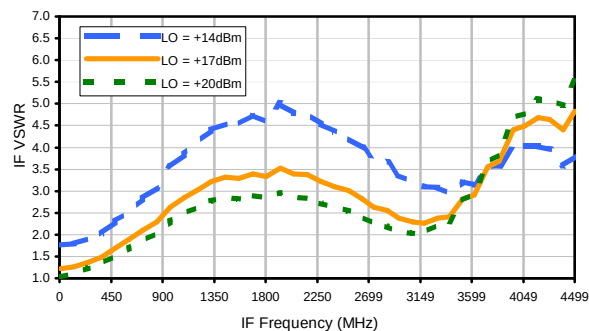
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+11	37	15	---	---	---	---	---	---	---
1	-	24	+0	38	29	40	---	---	---	---	---	---
2	60	57	42	50	42	75	58	---	---	---	---	---
3	88	72	63	78	53	>82	66	>82	---	---	---	---
4	---	---	>82	>82	80	78	78	>82	>82	---	---	---
5	---	---	---	>82	>82	>82	>82	>82	>82	>82	---	---
6	---	---	---	---	>82	>82	>82	>82	>82	>82	>82	---
7	---	---	---	---	---	>82	>82	>82	>82	>82	>82	>82
8	---	---	---	---	---	---	>82	>82	>82	>82	>82	>82
9	---	---	---	---	---	---	---	>82	>82	>82	>82	>82
10	---	---	---	---	---	---	---	---	>82	>82	>82	>82
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

Test conditions:

RF IN: 6850 MHz; -1.00 dBm.

LO IN: 6880 MHz; +17.00 dBm

IF OUT: 30 MHz; -8.08 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+1	64	27	---	---	---	---	---	---	---
1	-	24	+0	40	28	44	---	---	---	---	---	---
2	40	47	32	39	35	65	51	---	---	---	---	---
3	60	49	42	58	34	59	50	64	---	---	---	---
4	---	---	64	67	54	55	54	68	76	---	---	---
5	---	---	---	79	64	75	50	81	61	80	---	---
6	---	---	---	---	91	81	71	63	66	75	71	---
7	---	---	---	---	---	>92	79	86	62	84	76	78
8	---	---	---	---	---	---	>92	91	83	72	75	85
9	---	---	---	---	---	---	---	>92	91	>92	73	88
10	---	---	---	---	---	---	---	---	>92	>92	>92	80
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 6850 MHz; 9.00 dBm.

LO IN: 6880 MHz; +17.00 dBm

IF OUT: 30 MHz; 1.86 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.