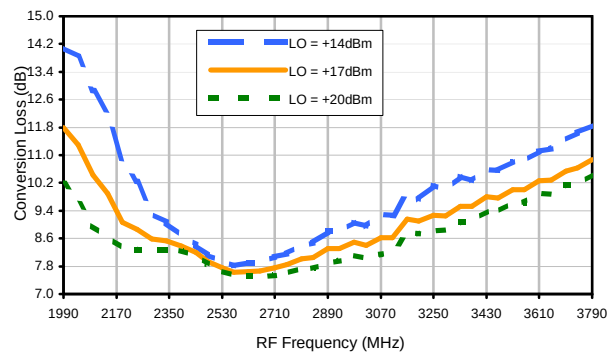
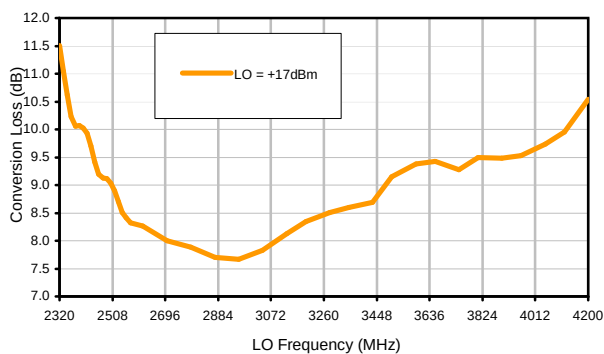


Typical Performance Curves

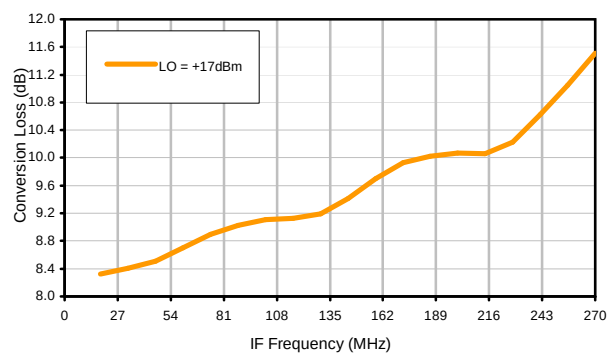
Conversion Loss @ IF=350MHz



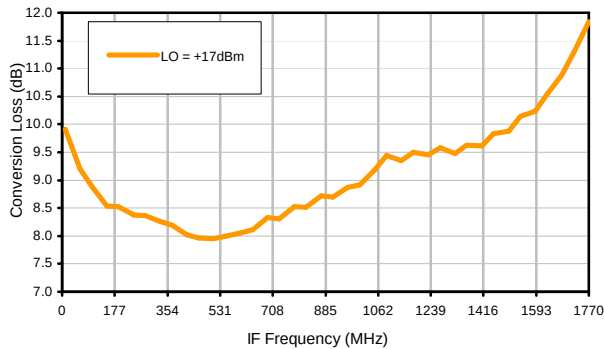
Conversion Loss vs. LO @ RF=2590MHz



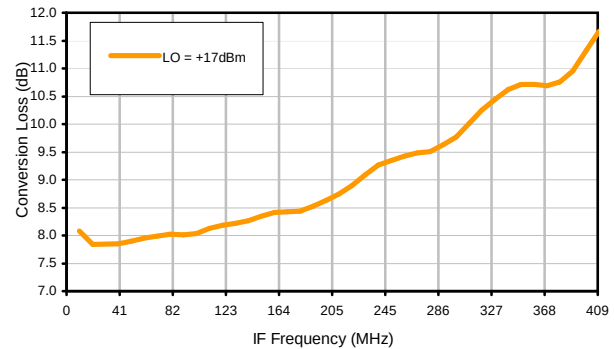
Conversion Loss vs. IF @ RF=2590MHz



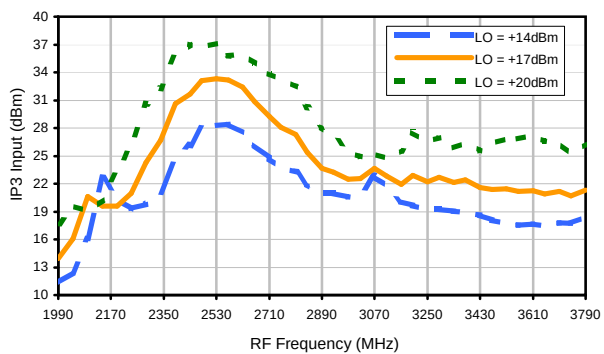
Conversion Loss vs. IF @ RF=2430MHz



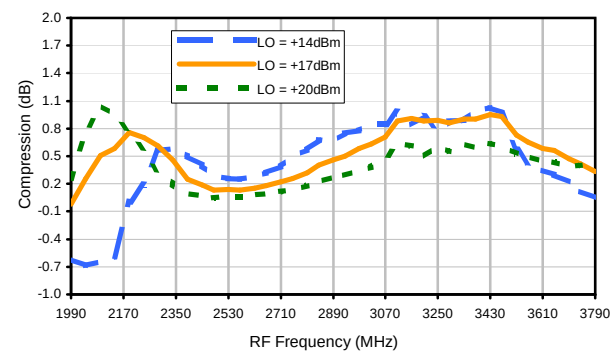
Conversion Loss vs. IF @ RF=2750.1001MHz



IP3 Input

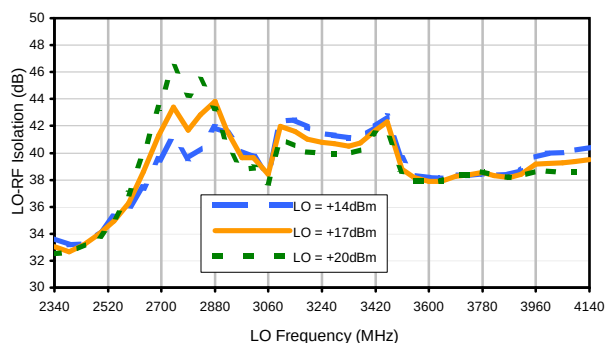


Compression @ RF IN=+15dBm

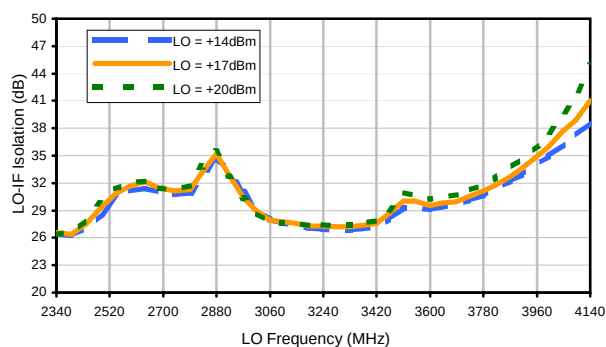


Typical Performance Curves

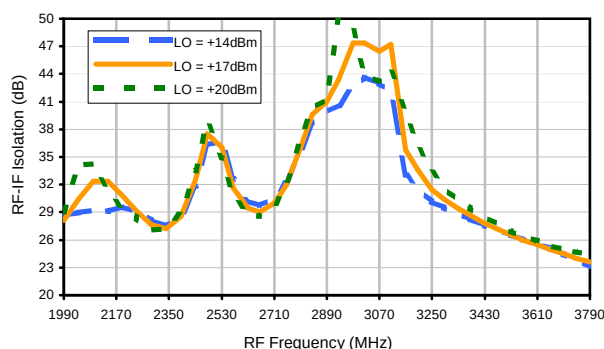
LO-RF Isolation



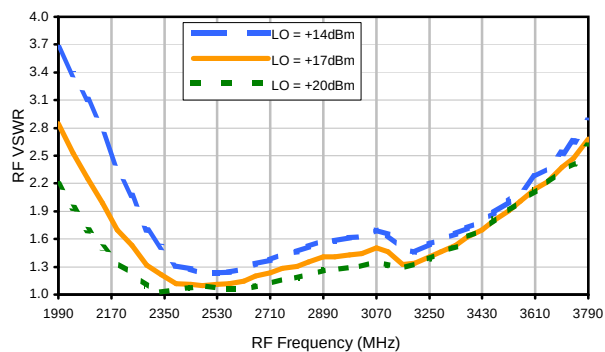
LO-IF Isolation



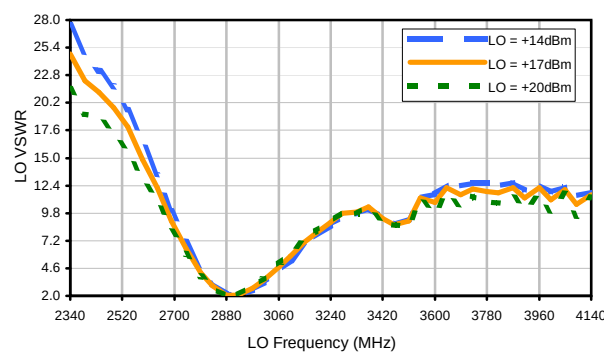
RF-IF Isolation



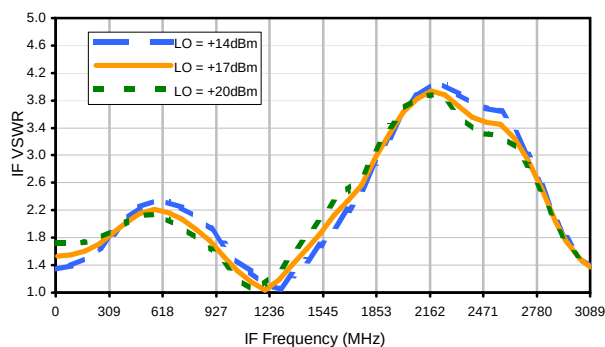
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	8	19	32	9	42	33	30	36	---	---
1	-	23	+0	30	24	36	41	43	47	50	59	---
2	63	53	54	61	63	64	64	66	72	62	66	---
3	>90	>82	75	75	65	>82	81	>82	>82	>82	81	74
4	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
5	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
6	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
7	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
8	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
9	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
10	---	---	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

Test conditions:

RF IN: 2590 MHz; 0.00 dBm.
LO IN: 2940 MHz; +17.00 dBm
IF OUT: 350 MHz; -7.64 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	18	29	39	20	51	44	42	43	---	---
1	-	23	+0	31	24	37	41	44	48	52	57	---
2	43	43	44	50	53	52	55	54	65	51	58	---
3	68	63	54	57	44	67	57	64	68	64	72	56
4	>90	73	79	69	78	70	77	77	87	80	80	74
5	>90	>92	>92	>92	79	79	71	86	90	>92	79	>92
6	>90	>92	>92	>92	>92	90	86	>92	88	>92	>92	>92
7	>90	>92	>92	>92	>92	>92	90	>92	88	>92	>92	>92
8	>90	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92
9	>90	92	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92
10	---	---	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions:

RF IN: 2590 MHz; 10.00 dBm.
LO IN: 2940 MHz; +17.00 dBm
IF OUT: 350 MHz; 2.23 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.