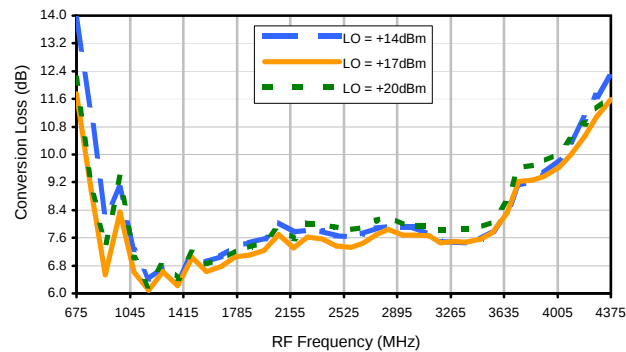
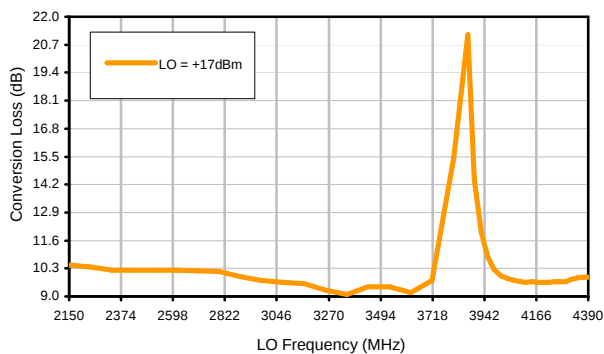


Typical Performance Curves

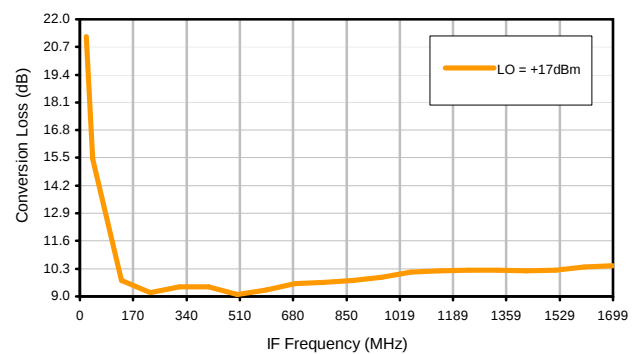
Conversion Loss @ IF=250MHz



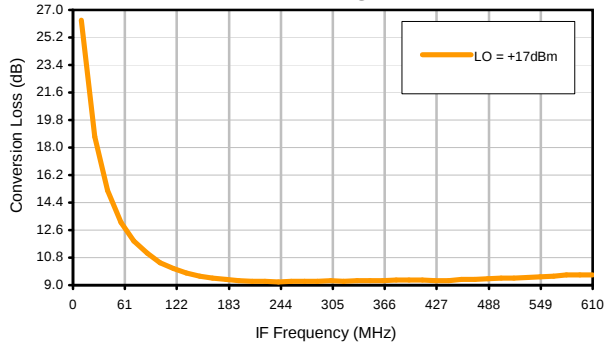
Conversion Loss vs. LO @ RF=3850MHz



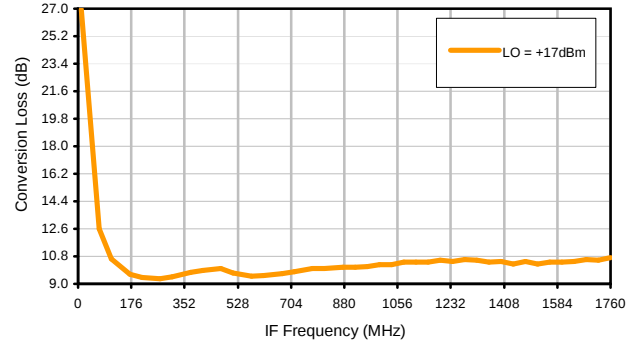
Conversion Loss vs. IF @ RF=3850MHz



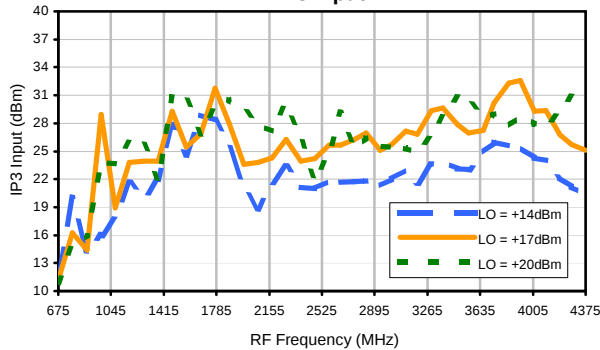
Conversion Loss vs. IF @ RF=3764.89MHz



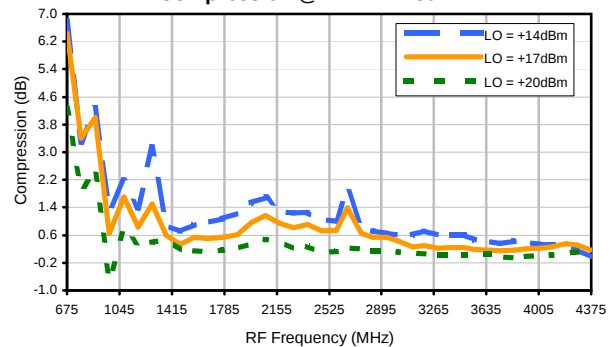
Conversion Loss vs. IF @ RF=3935.1MHz



IP3 Input



Compression @ RF IN=+15dBm



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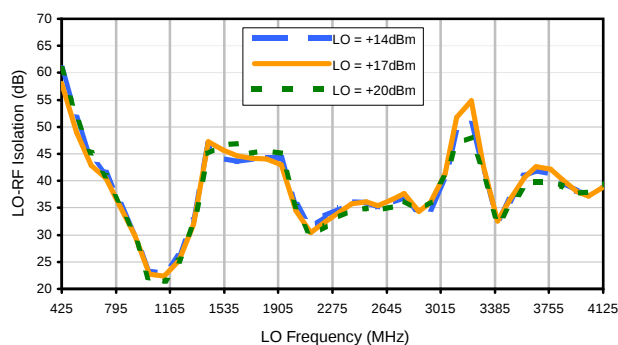


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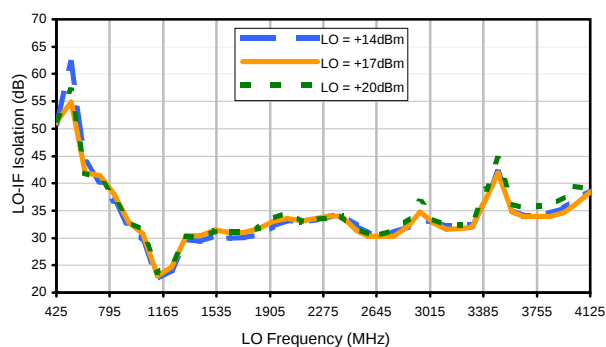


Typical Performance Curves

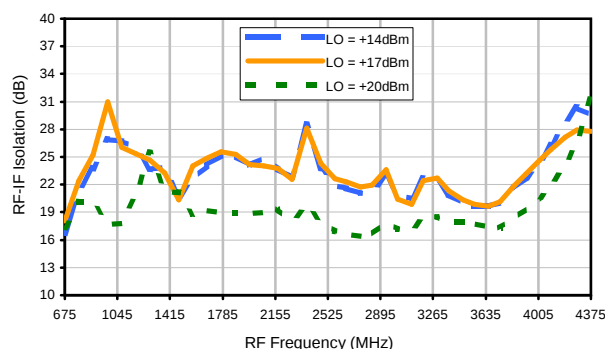
LO-RF Isolation



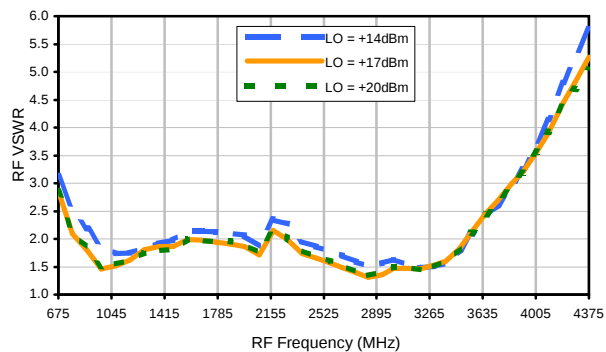
LO-IF Isolation



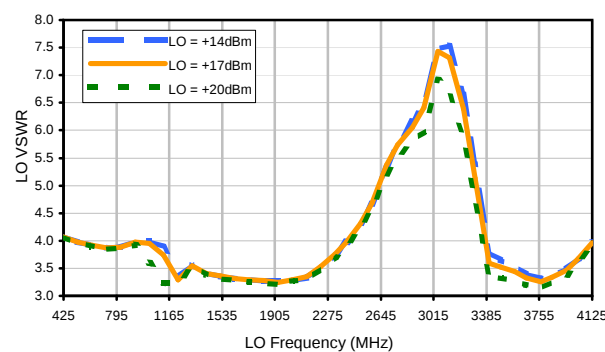
RF-IF Isolation



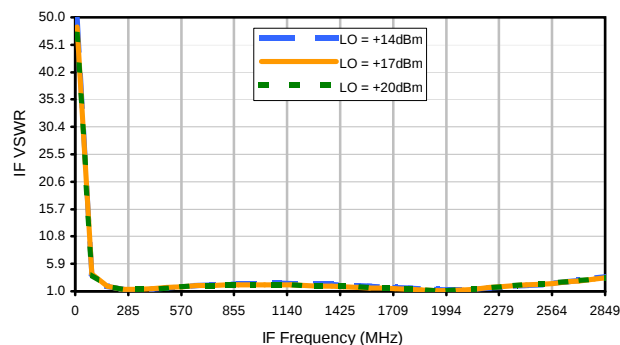
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	4	5	14	27	28	36	---	---	---	---
1	-	+7	+0	7	10	28	28	44	44	---	---	---
2	64	40	38	41	32	41	46	55	59	64	---	---
3	>90	51	49	47	45	45	56	58	60	63	>70	---
4	>90	>70	>70	65	66	60	55	65	>70	>70	>70	>70
5	>90	>70	>70	>70	>70	68	>70	>70	>70	>70	>70	>70
6	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
7	---	---	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
8	---	---	---	>70	>70	>70	>70	>70	>70	>70	>70	>70
9	---	---	---	---	>70	>70	>70	>70	>70	>70	>70	>70
10	---	---	---	---	---	>70	>70	>70	>70	>70	>70	>70
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

Test conditions:

RF IN: 3850 MHz; 0.00 dBm.
LO IN: 3880 MHz; +17.00 dBm
IF OUT: 30 MHz; -20.36 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	13	13	25	37	39	48	---	---	---	---
1	-	+7	+0	10	12	36	31	50	53	---	---	---
2	45	26	41	38	31	45	47	51	56	62	---	---
3	65	50	32	37	29	56	52	47	48	58	65	---
4	90	59	55	57	51	46	53	57	57	66	75	74
5	>90	65	56	62	62	50	49	43	53	66	64	77
6	>90	73	70	65	60	72	66	59	60	62	69	>80
7	---	---	77	70	71	74	67	60	58	73	67	72
8	---	---	---	>80	>80	72	72	>80	70	67	68	73
9	---	---	---	---	>80	77	>80	>80	74	77	74	66
10	---	---	---	---	---	>80	>80	>80	>80	>80	>80	>80
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions:

RF IN: 3850 MHz; 10.00 dBm.
LO IN: 3880 MHz; +17.00 dBm
IF OUT: 30 MHz; -10.29 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.

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