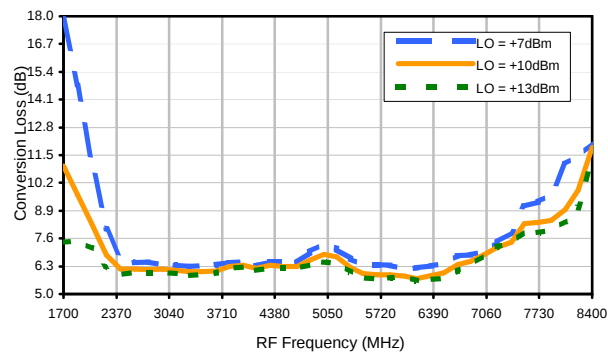
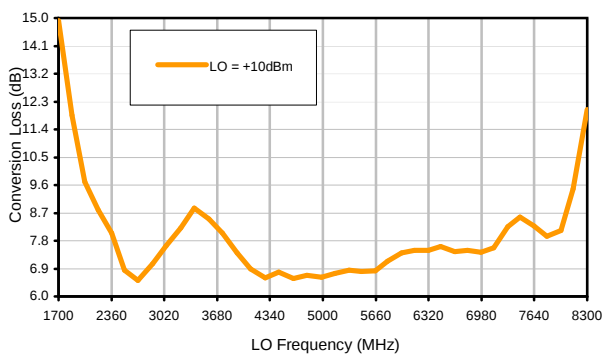


Typical Performance Curves

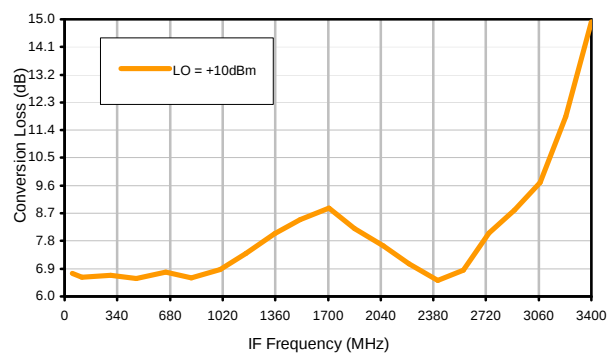
Conversion Loss @ IF=30MHz



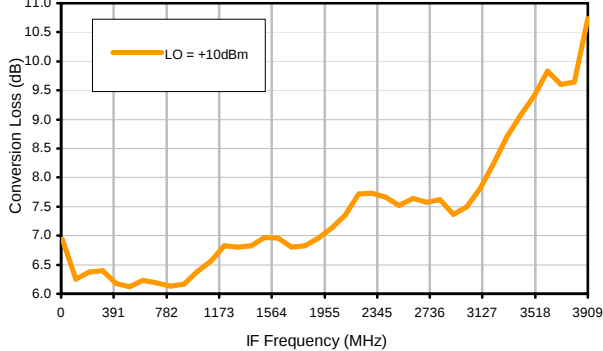
Conversion Loss vs. LO @ RF=5100.1001MHz



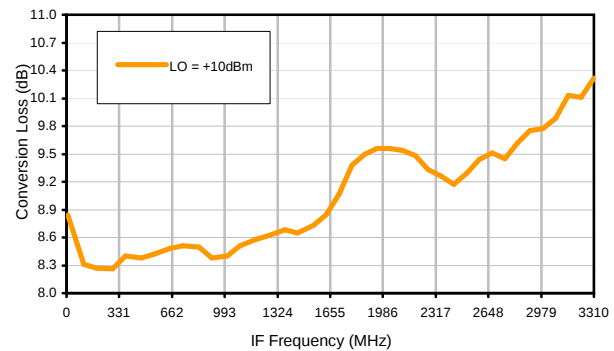
Conversion Loss vs. IF @ RF=5100.1001MHz



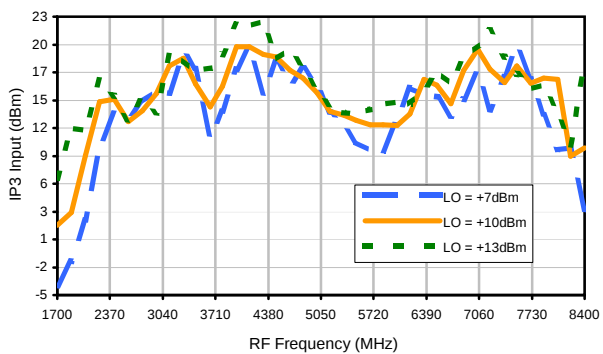
Conversion Loss vs. IF @ RF=2290.1001MHz



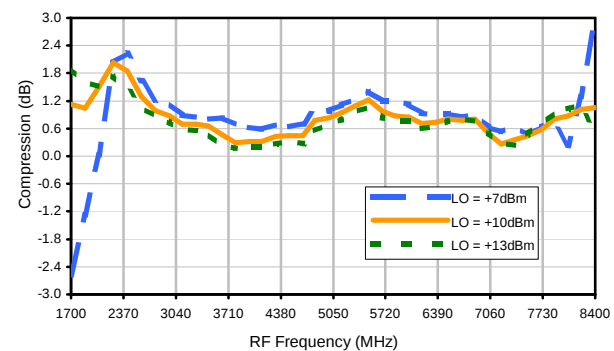
Conversion Loss vs. IF @ RF=7910.1001MHz



IP3 Input



Compression @ RF IN=+5dBm



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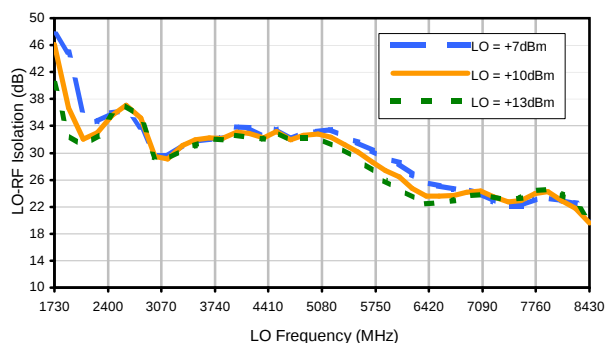


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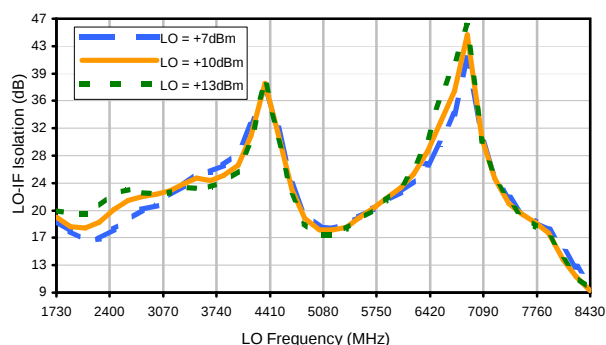


Typical Performance Curves

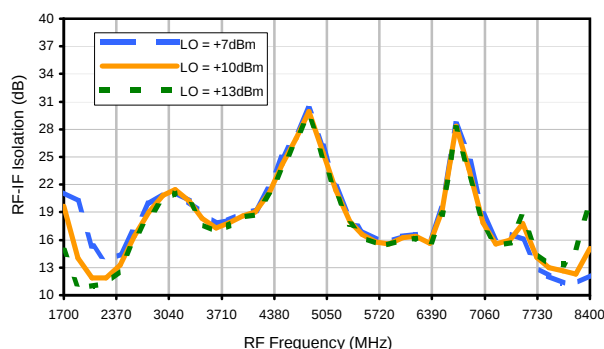
LO-RF Isolation



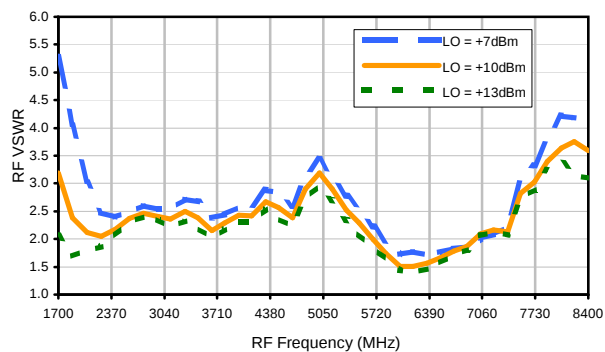
LO-IF Isolation



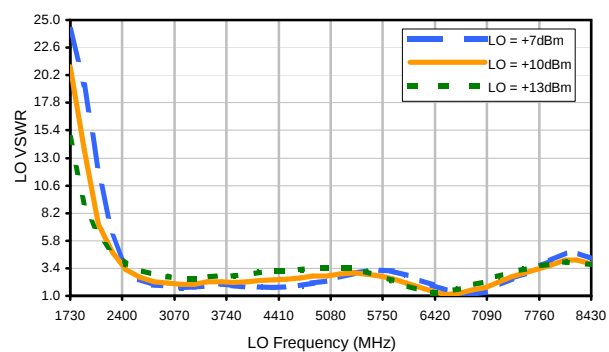
RF-IF Isolation



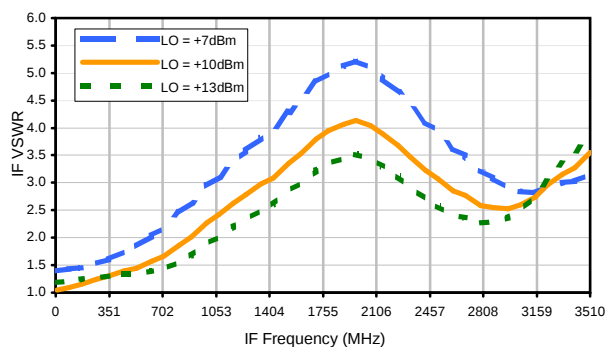
RF VSWR



LO VSWR



IF VSWR



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Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+9	15	15	36	---	---	---	---	---	---
1	-	20	+0	33	18	44	52	---	---	---	---	---
2	83	62	56	55	55	56	58	70	---	---	---	---
3	>90	>73	61	>73	60	>73	66	>73	>73	---	---	---
4	>90	>73	>73	>73	>73	>73	>73	>73	>73	>73	---	---
5	---	---	>73	>73	>73	>73	>73	>73	>73	>73	>73	---
6	---	---	---	>73	>73	>73	>73	>73	>73	>73	>73	>73
7	---	---	---	---	>73	>73	>73	>73	>73	>73	>73	>73
8	---	---	---	---	---	>73	>73	>73	>73	>73	>73	>73
9	---	---	---	---	---	---	>73	>73	>73	>73	>73	>73
10	---	---	---	---	---	---	---	>73	>73	>73	>73	>73
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

Test conditions:

RF IN: 5100 MHz; -10.00 dBm.

LO IN: 5130 MHz; +10.00 dBm

IF OUT: 30 MHz; -16.71 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	1	26	26	46	---	---	---	---	---	---
1	-	20	+0	34	18	47	52	---	---	---	---	---
2	63	46	47	39	46	48	50	67	---	---	---	---
3	>90	53	39	62	38	59	47	59	81	---	---	---
4	>90	82	77	60	72	54	72	57	70	79	---	---
5	---	---	>83	80	64	>83	57	79	61	82	>83	---
6	---	---	---	>83	>83	70	>83	63	>83	67	>83	>83
7	---	---	---	---	>83	>83	76	>83	69	>83	73	>83
8	---	---	---	---	---	>83	>83	80	>83	74	>83	79
9	---	---	---	---	---	---	>83	>83	>83	>83	80	>83
10	---	---	---	---	---	---	---	>83	>83	>83	>83	>83
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions:

RF IN: 5100 MHz; 0.00 dBm.

LO IN: 5130 MHz; +10.00 dBm

IF OUT: 30 MHz; -6.75 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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