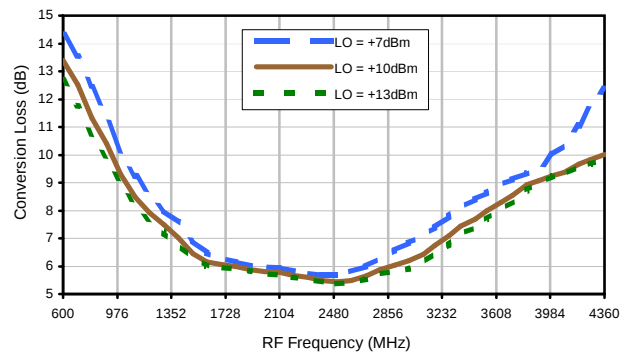
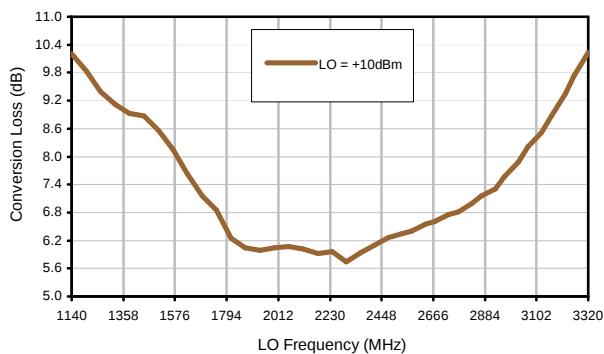


Typical Performance Curves

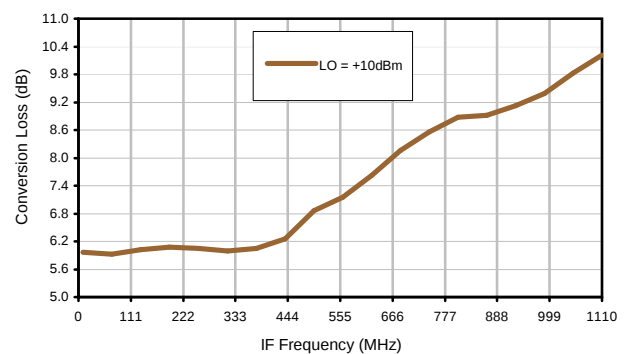
Conversion Loss @ IF=30MHz



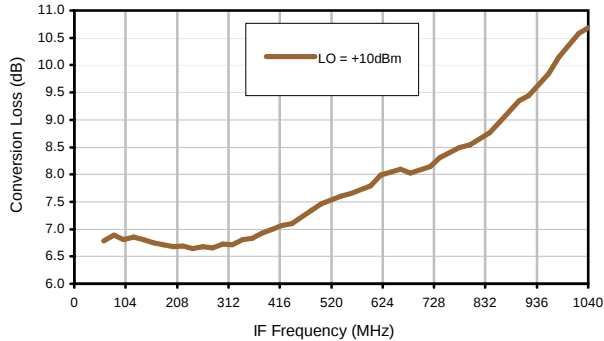
Conversion Loss vs. LO @ RF=2250MHz



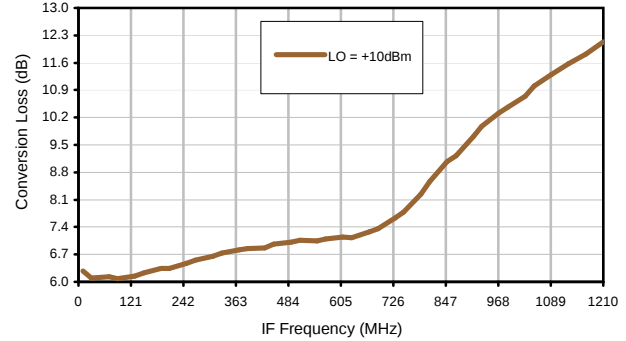
Conversion Loss vs. IF @ RF=2250MHz



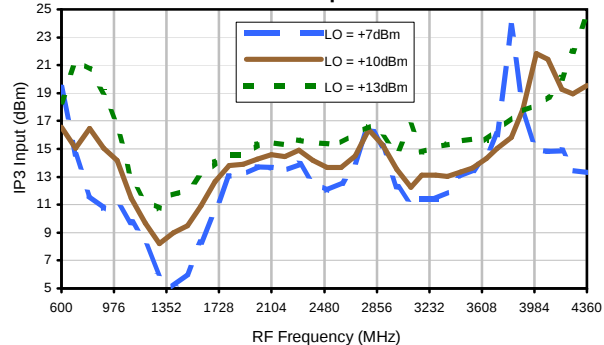
Conversion Loss vs. IF @ RF=1439.9MHz



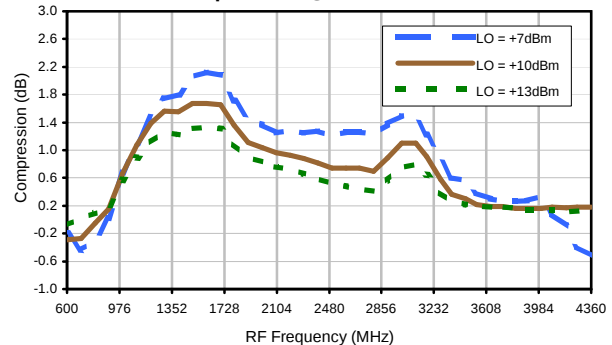
Conversion Loss vs. IF @ RF=3010.1MHz



IP3 Input



Compression @ RF IN=+5dBm



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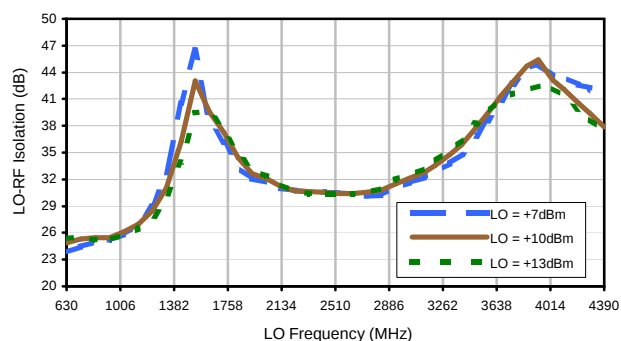


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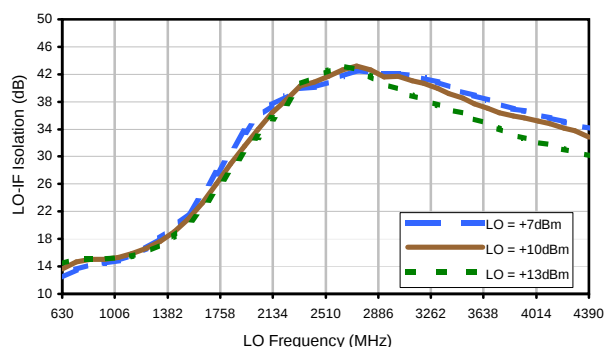


Typical Performance Curves

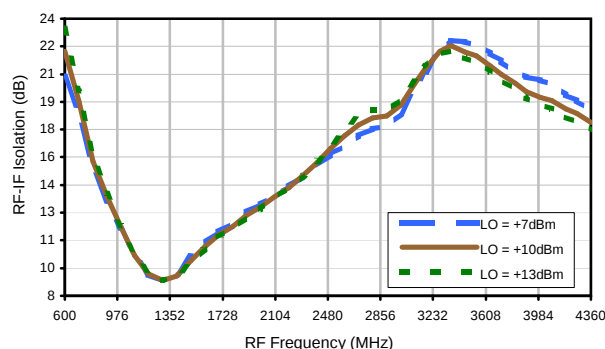
LO-RF Isolation



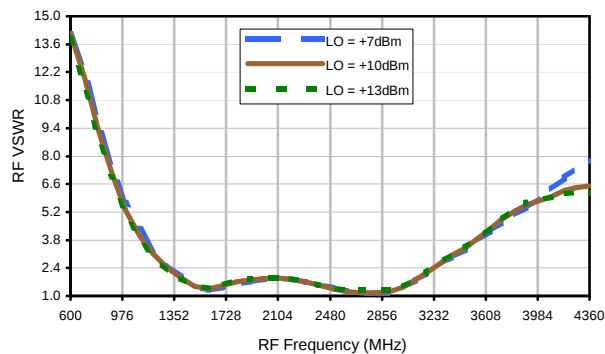
LO-IF Isolation



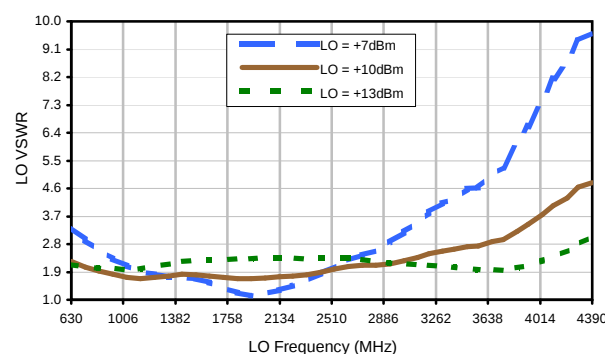
RF-IF Isolation



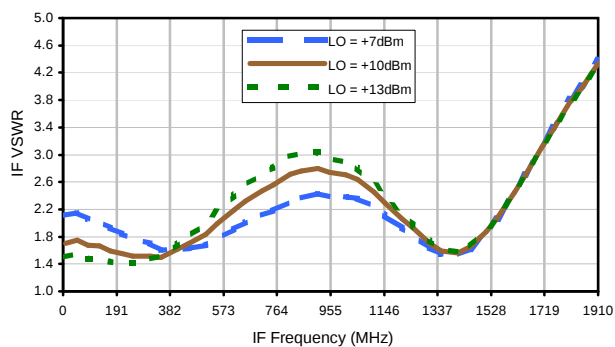
RF VSWR



LO VSWR



IF VSWR



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Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	11	38	16	35	15	28	34	38	48	63
1	-	8	+0	38	37	39	36	34	38	36	47	52
2	79	74	66	59	70	> 74	71	59	45	56	> 74	59
3	> 90	72	> 74	73	55	73	> 74	> 74	> 74	> 74	70	68
4	> 90	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74	74	> 74
5	> 90	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74
6	> 90	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74
7	> 90	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74
8	> 90	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74
9	> 90	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74
10	> 90	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 2150.00 MHz; -10.00 dBm.
LO IN: 2180.00 MHz; +10.00 dBm
IF OUT: 30.00 MHz; -15.95 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	21	48	26	47	28	42	46	57	64	> 84
1	-	8	+0	40	37	42	37	37	42	42	59	62
2	59	67	61	49	68	76	58	54	41	51	62	58
3	> 90	53	63	54	37	55	71	59	58	56	56	52
4	> 90	76	73	> 84	80	68	78	> 84	83	64	52	60
5	> 90	78	80	77	79	74	55	77	> 84	79	71	81
6	> 90	84	76	> 84	> 84	> 84	> 84	> 84	> 84	> 84	> 84	74
7	> 90	> 84	> 84	> 84	> 84	> 84	> 84	> 84	69	> 84	> 84	> 84
8	> 90	> 84	> 84	> 84	> 84	> 84	> 84	> 84	> 84	> 84	> 84	> 84
9	> 90	> 84	> 84	> 84	> 84	> 84	> 84	> 84	> 84	> 84	82	> 84
10	> 90	> 84	> 84	> 84	> 84	> 84	> 84	> 84	> 84	> 84	> 84	> 84
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 2150.00 MHz; .00 dBm.
LO IN: 2180.00 MHz; +10.00 dBm
IF OUT: 30.00 MHz; -6.07 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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