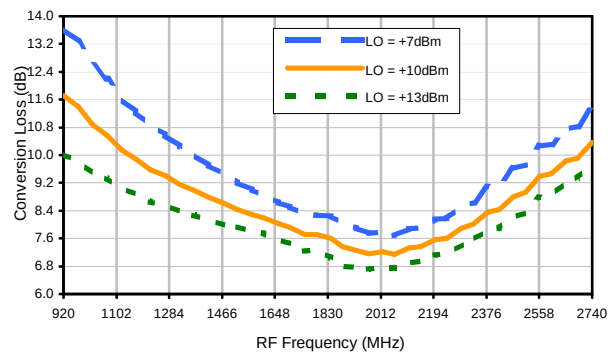
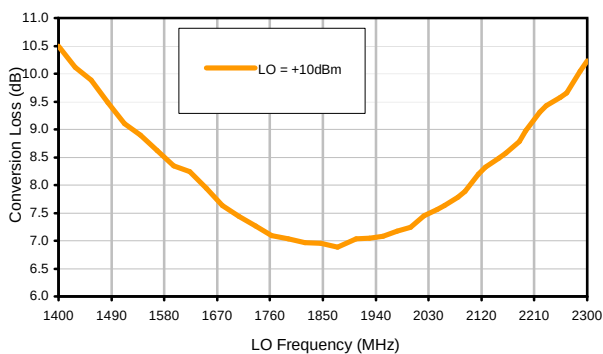


Typical Performance Curves

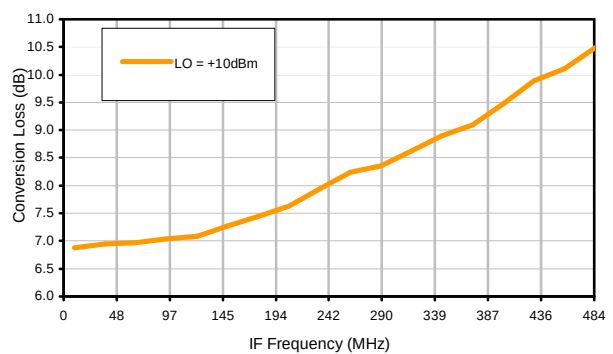
Conversion Loss @ IF=140MHz



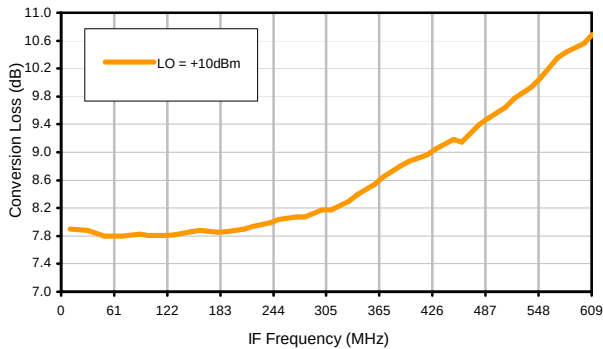
Conversion Loss vs. LO @ RF=1885MHz



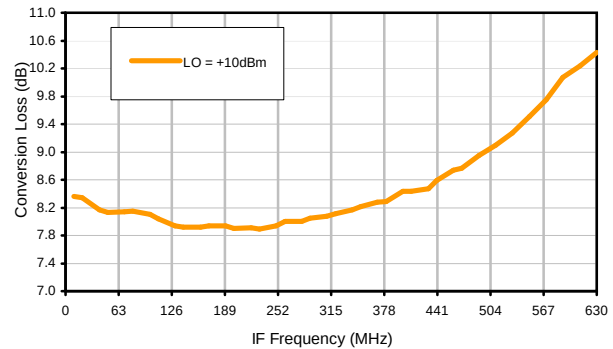
Conversion Loss vs. IF @ RF=1885MHz



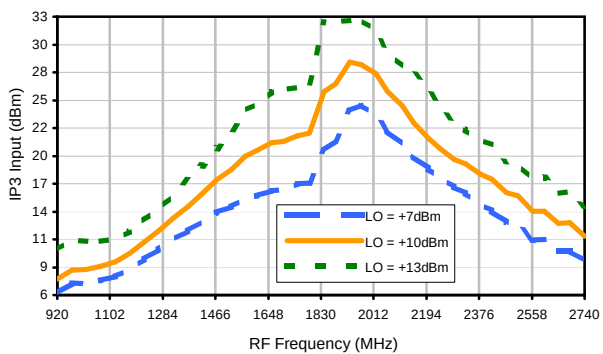
Conversion Loss vs. IF @ RF=1460.1MHz



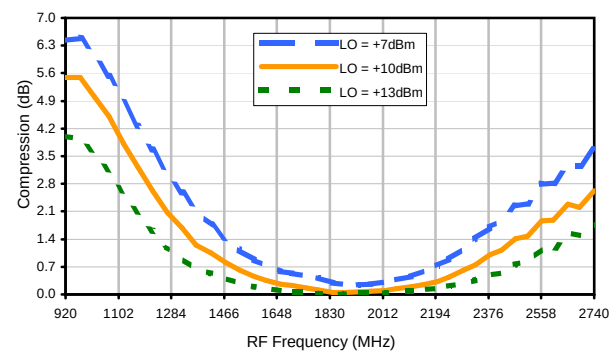
Conversion Loss vs. IF @ RF=2310.1001MHz



IP3 Input

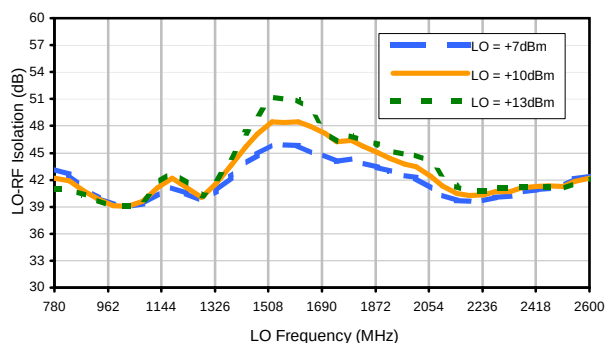


Compression @ RF IN=+9dBm

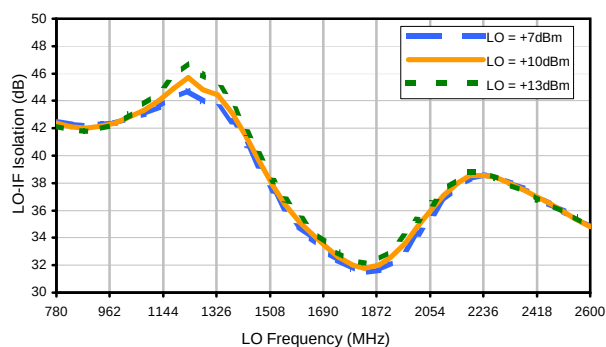


Typical Performance Curves

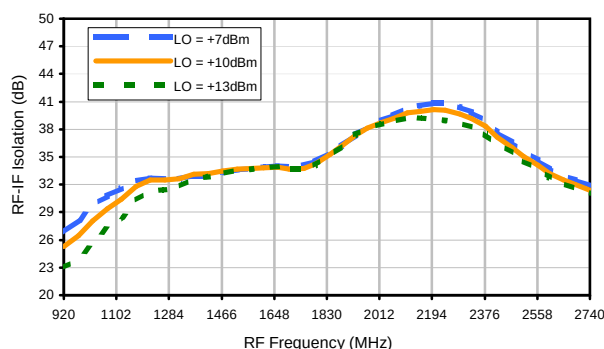
LO-RF Isolation



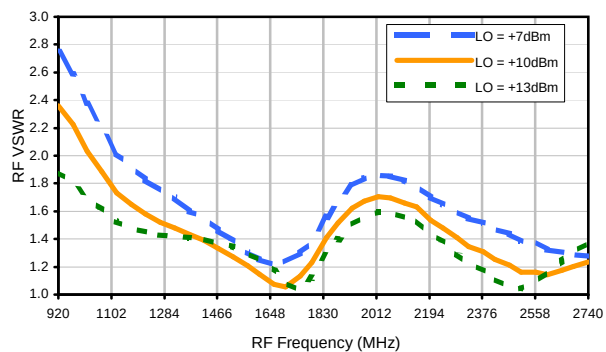
LO-IF Isolation



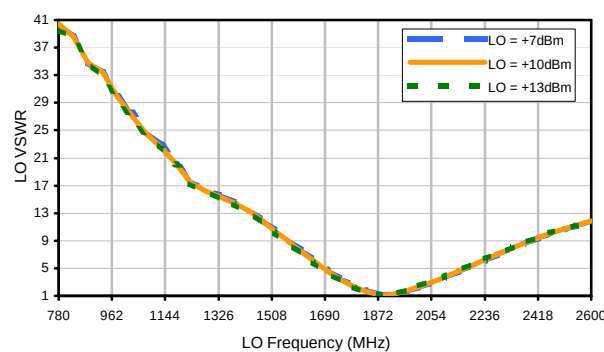
RF-IF Isolation



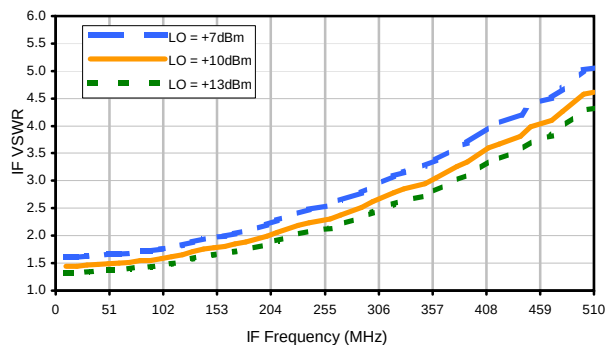
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	10	43	31	37	48	44	32	28	44	56
1	-	26	+0	30	28	40	43	45	47	49	55	59
2	70	70	69	75	73	83	81	>87	72	77	74	63
3	>100	>87	>87	>87	84	84	>87	>87	>87	82	>87	>87
4	>100	>87	>87	>87	>87	>87	>87	>87	>87	>87	>87	>87
5	>100	>87	>87	>87	>87	>87	>87	>87	>87	>87	>87	>87
6	>100	>87	>87	>87	>87	>87	>87	>87	>87	>87	>87	>87
7	>100	>87	>87	>87	>87	>87	>87	>87	>87	>87	>87	>87
8	>100	>87	>87	>87	>87	>87	>87	>87	>87	>87	>87	>87
9	>100	>87	>87	>87	>87	>87	>87	>87	>87	>87	>87	>87
10	>100	>87	>87	>87	>87	>87	>87	>87	>87	>87	>87	>87
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions:

RF IN: 1885 MHz; -6.00 dBm.

LO IN: 1745 MHz; +10.00 dBm

IF OUT: 140 MHz; -13.02 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	20	51	42	48	46	53	44	41	58	70
1	-	26	+0	30	29	41	44	56	48	49	54	57
2	50	62	60	60	66	72	67	76	61	63	67	55
3	83	72	69	78	59	62	76	69	75	65	83	73
4	>100	82	93	95	96	76	80	90	>97	94	85	86
5	>100	93	>97	>97	>97	>97	90	91	>97	>97	>97	90
6	>100	>97	93	>97	>97	>97	>97	94	94	>97	>97	>97
7	>100	>97	>97	>97	>97	>97	>97	>97	>97	>97	>97	>97
8	>100	>97	>97	>97	>97	>97	>97	>97	>97	>97	>97	>97
9	>100	>97	>97	>97	>97	>97	>97	>97	>97	>97	>97	>97
10	>100	>97	>97	>97	>97	>97	>97	>97	>97	>97	>97	>97
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions:

RF IN: 1885 MHz; 4.00 dBm.

LO IN: 1745 MHz; +10.00 dBm

IF OUT: 140 MHz; -3.02 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.

REV. X2

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101012

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