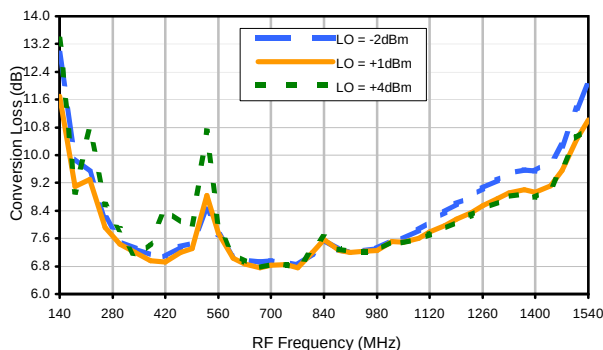
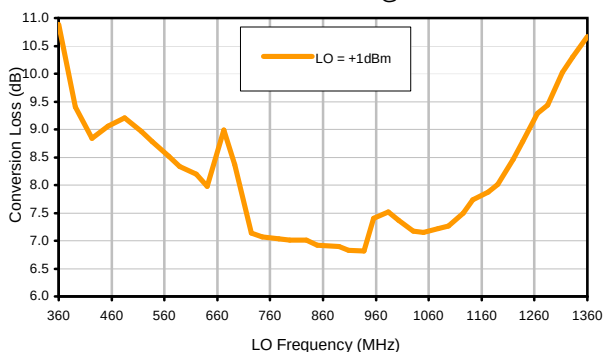


Typical Performance Curves

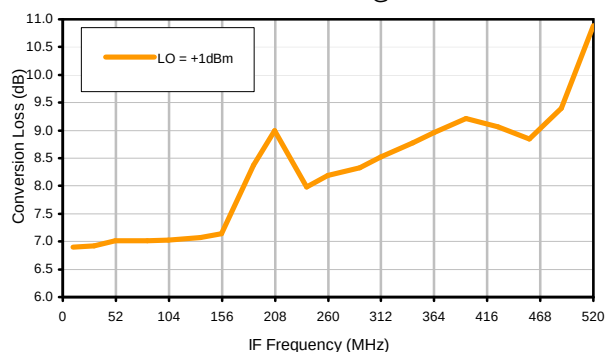
Conversion Loss @ IF=140MHz



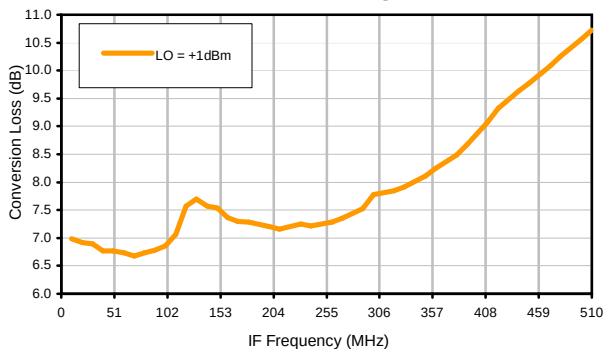
Conversion Loss vs. LO @ RF=880MHz



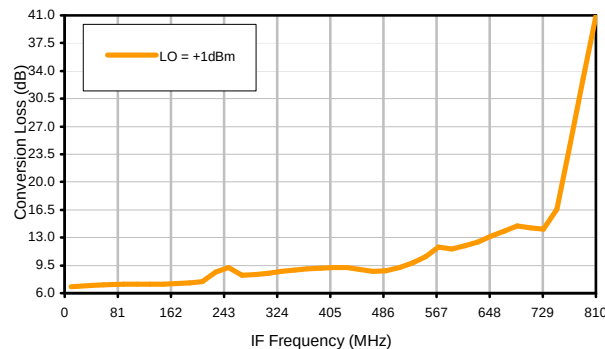
Conversion Loss vs. IF @ RF=880MHz



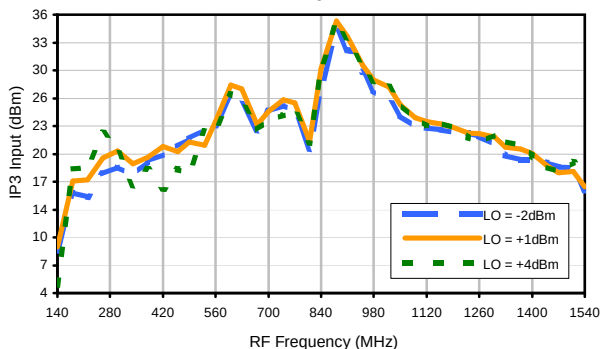
Conversion Loss vs. IF @ RF=838MHz



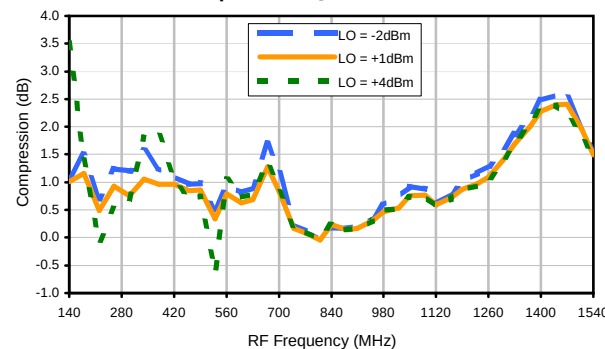
Conversion Loss vs. IF @ RF=921MHz



IP3 Input

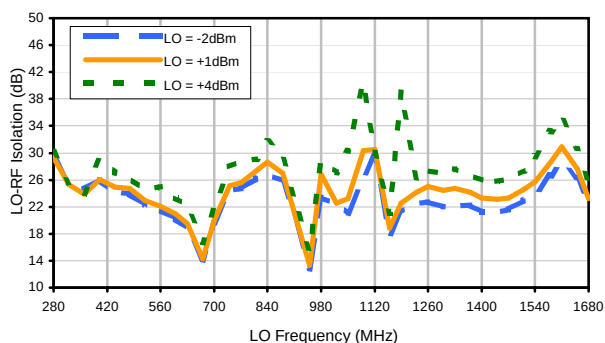


Compression @ RF IN=+15dBm

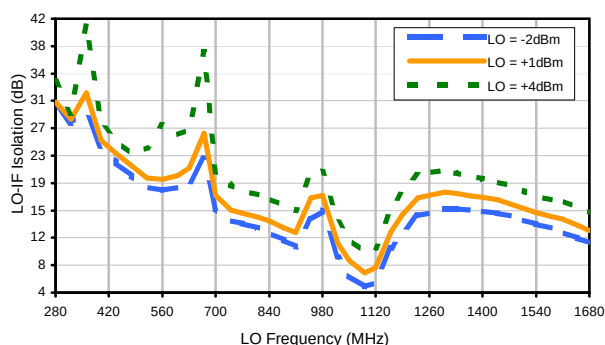


Typical Performance Curves

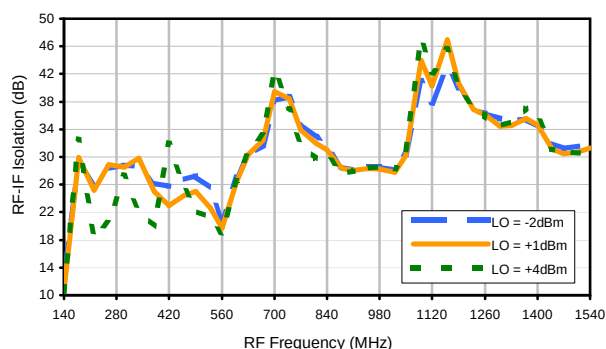
LO-RF Isolation



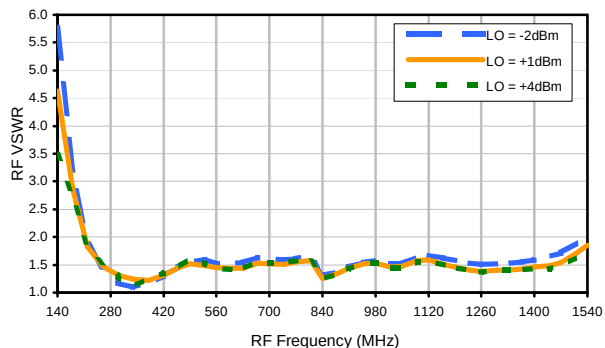
LO-IF Isolation



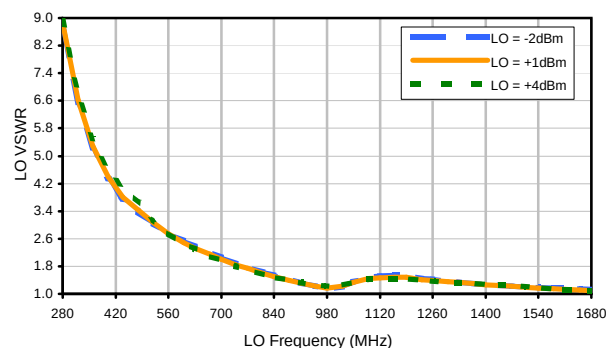
RF-IF Isolation



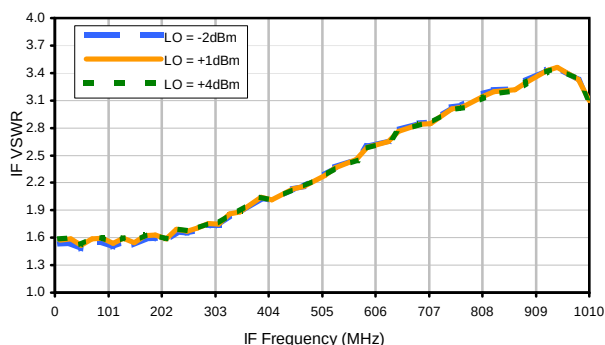
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	3	6	41	25	32	34	35	47	36	37
1	-	21	+0	36	18	37	50	51	49	49	50	69
2	62	53	69	49	61	48	71	72	79	66	69	73
3	95	91	76	81	78	84	82	92	>93	92	>93	>93
4	>100	>93	>93	>93	>93	>93	>93	93	>93	>93	>93	>93
5	>100	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93
6	>100	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93
7	>100	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93
8	>100	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93
9	>100	>93	>93	>93	>93	>93	>93	>93	>93	90	>93	>93
10	>100	>93	>93	>93	>93	>93	>93	90	>93	91	>93	91
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 880 MHz; 0.00 dBm.
 LO IN: 1020 MHz; +1.00 dBm
 IF OUT: 140 MHz; -7.09 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	13	16	50	36	42	42	47	56	48	48
1	-	21	+0	37	18	37	51	51	49	50	50	71
2	42	43	58	38	51	38	60	62	71	57	62	65
3	65	65	53	63	53	63	57	70	89	68	72	78
4	92	84	76	79	82	73	86	69	88	88	78	82
5	>100	98	86	83	95	81	87	88	85	103	>103	90
6	>100	>103	>103	>103	97	97	100	95	101	99	>103	>103
7	>100	100	>103	>103	96	99	93	95	88	103	94	>103
8	>100	>103	>103	>103	>103	>103	>103	>103	>103	>103	>103	>103
9	>100	>103	>103	>103	>103	>103	101	100	96	92	100	98
10	>100	>103	>103	>103	>103	>103	>103	99	102	101	>103	102
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 880 MHz; 10.00 dBm.
 LO IN: 1020 MHz; +1.00 dBm
 IF OUT: 140 MHz; 2.86 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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