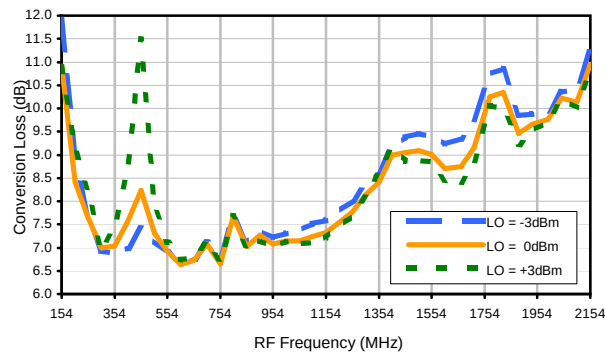
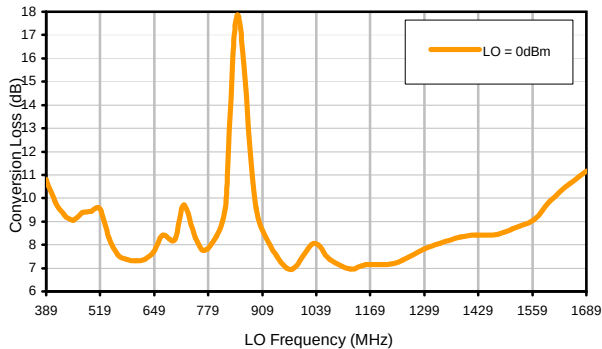


Typical Performance Curves

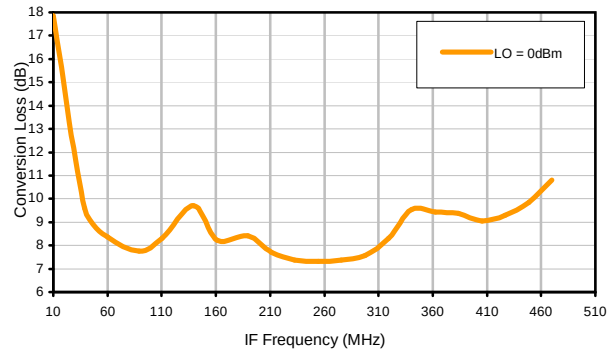
Conversion Loss @ IF=250 MHz



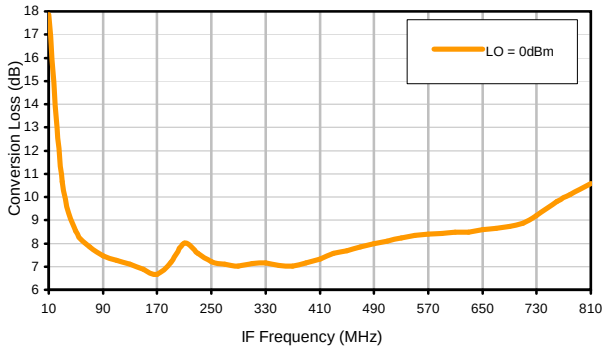
Conversion Loss vs. LO @ RF=859 MHz



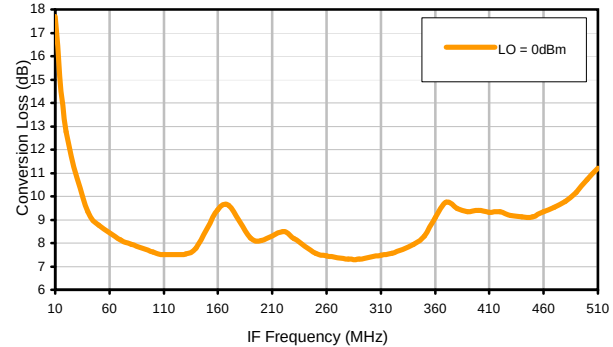
Conversion Loss vs. IF @ RF=859 MHz



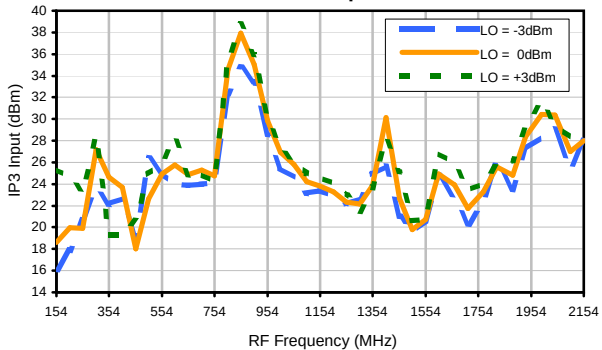
Conversion Loss vs. IF @ RF=824 MHz



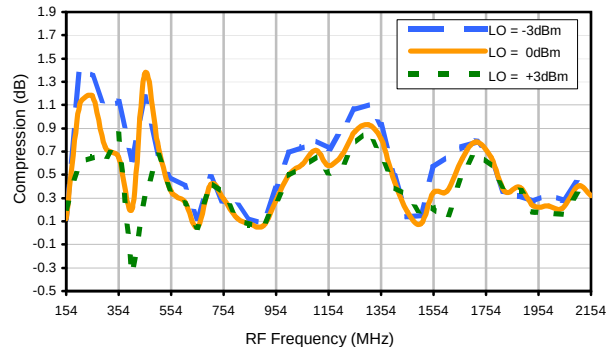
Conversion Loss vs. IF @ RF=894.1 MHz



IP3 Input

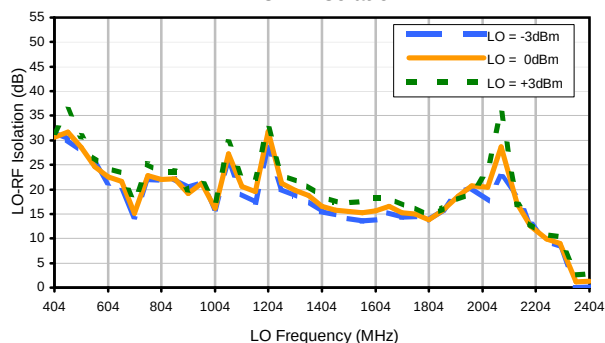


Compression @ RF IN = +15 dBm

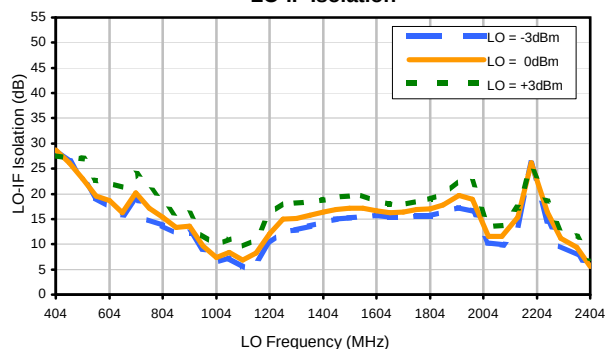


Typical Performance Curves

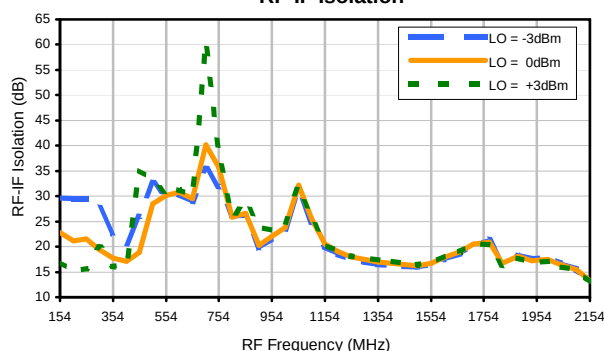
LO-RF Isolation



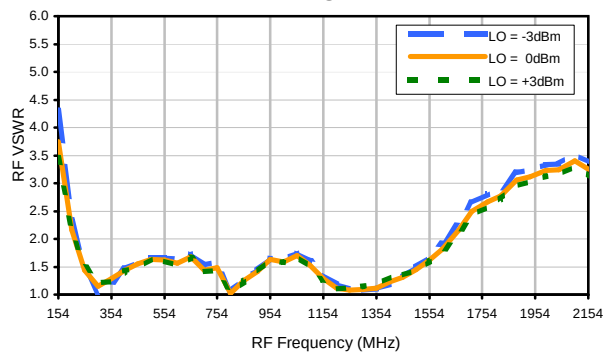
LO-IF Isolation



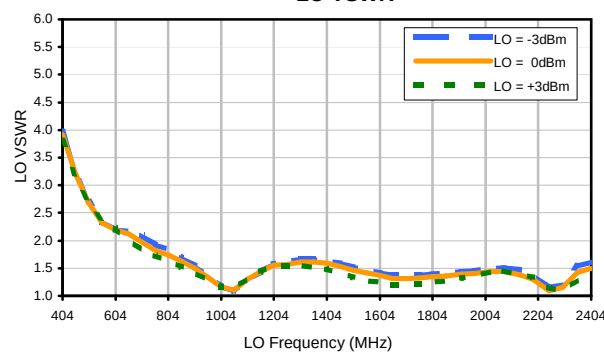
RF-IF Isolation



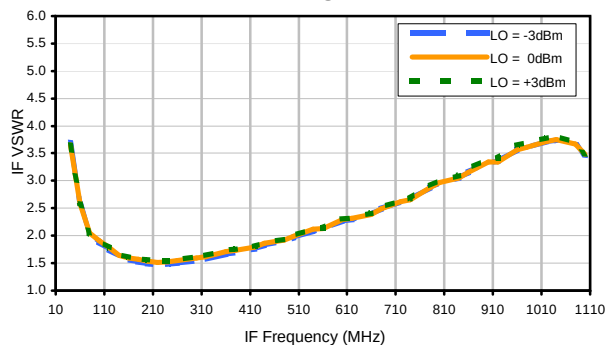
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	1	19	21	21	41	38	27	43	33	55
1	-	18	+0	27	21	45	38	33	54	39	62	53
2	63	58	54	51	61	62	74	63	67	70	72	>83
3	>90	73	69	70	69	73	79	>83	>83	>83	>83	>83
4	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
5	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
6	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
7	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
8	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
9	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
10	>90	>83	>83	>83	>83	>83	>83	>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: 895 MHz; 0.00 dBm.
 LO IN: 1109 MHz; +0.00 dBm
 IF OUT: 250 MHz; -6.95 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	11	27	32	31	49	51	37	53	45	77
1	-	19	+0	27	21	47	39	34	56	40	60	54
2	43	50	42	41	50	51	66	54	59	62	64	82
3	65	52	48	49	47	53	56	68	66	66	71	86
4	>90	77	67	71	68	70	73	76	78	>93	85	91
5	>90	93	>93	81	86	89	89	83	>93	90	>93	>93
6	>90	>93	>93	>93	91	90	>93	93	>93	>93	>93	>93
7	>90	>93	>93	>93	>93	>93	91	>93	87	>93	>93	>93
8	>90	>93	>93	>93	>93	>93	>93	86	>93	>93	>93	>93
9	>90	>93	>93	>93	>93	>93	>93	>93	>93	91	>93	>93
10	>90	>93	>93	>93	>93	>93	>93	90	>93	>93	>93	>93
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 859 MHz; 10.00 dBm.
 LO IN: 1109 MHz; +0.00 dBm
 IF OUT: 250 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.