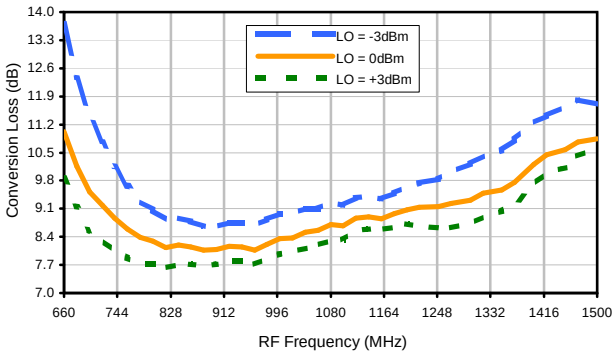
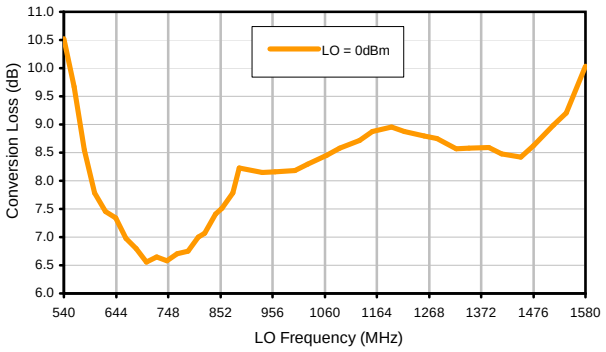
Typical Performance Curves

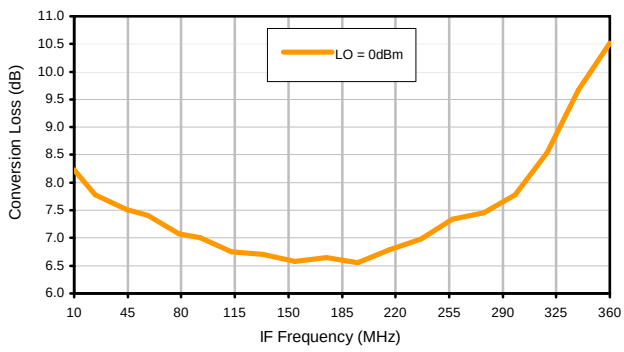
Conversion Loss @ IF=30MHz



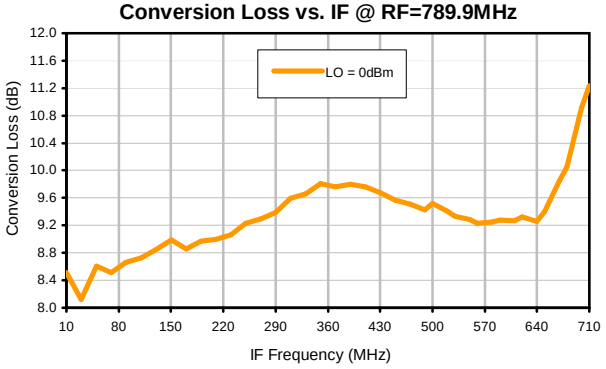
Conversion Loss vs. LO @ RF=900MHz



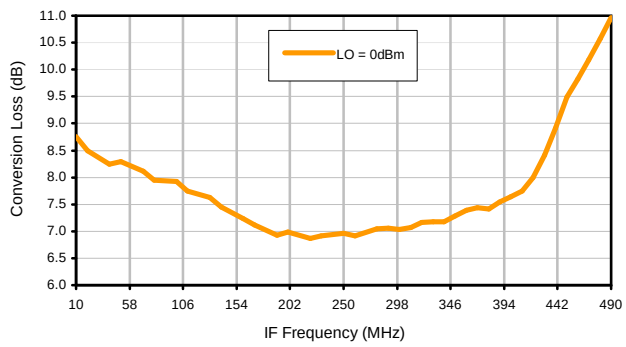
Conversion Loss vs. IF @ RF=900MHz



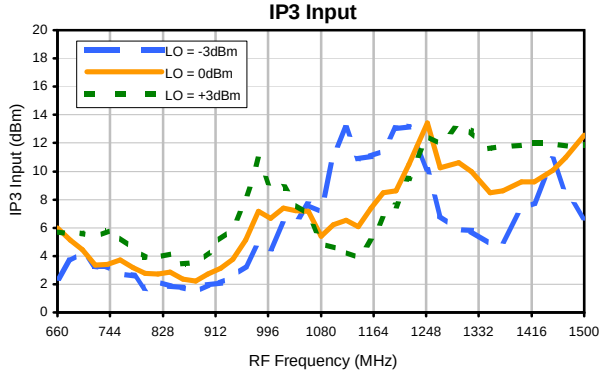
Conversion Loss vs. IF @ RF=789.9MHz



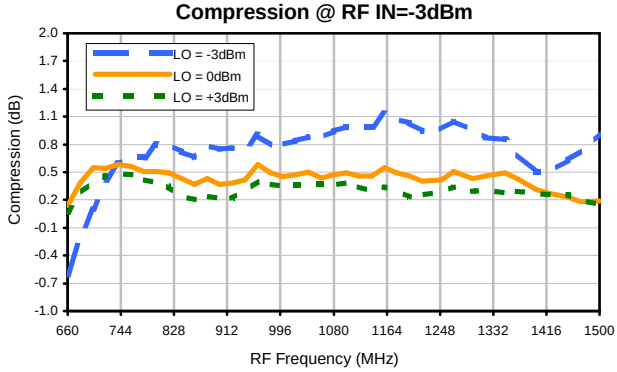
Conversion Loss vs. IF @ RF=1010.1MHz



IP3 Input

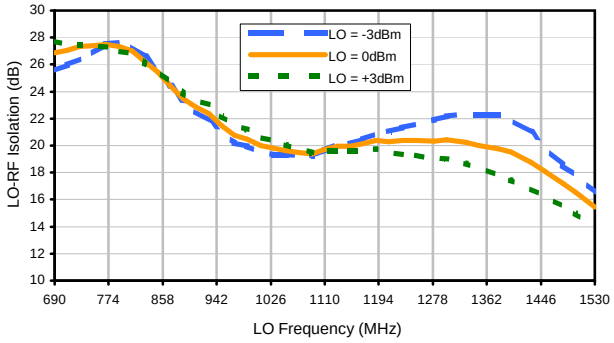


Compression @ RF IN=-3dBm

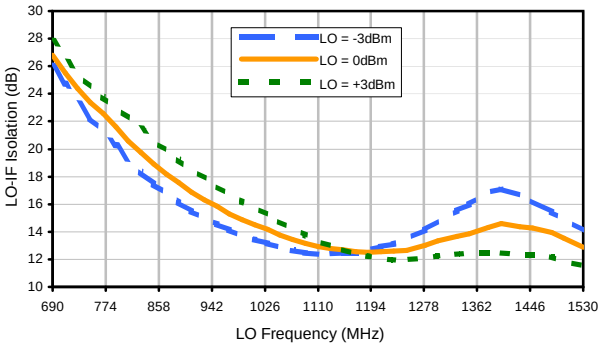


Typical Performance Curves

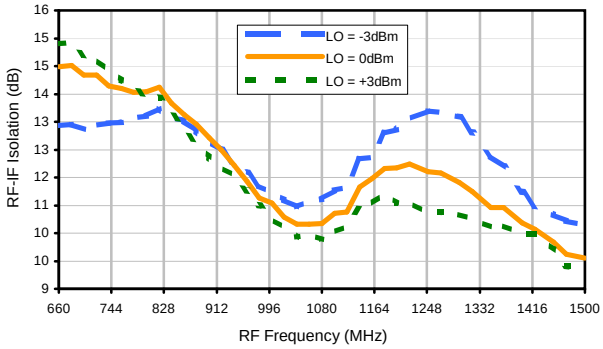
LO-RF Isolation



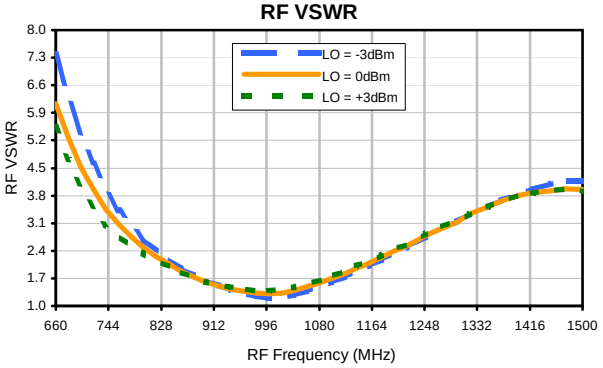
LO-IF Isolation



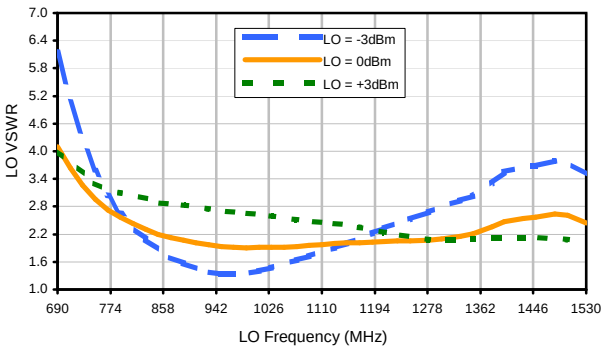
RF-IF Isolation



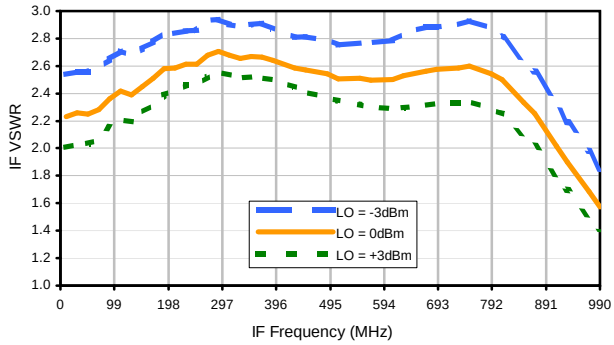
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER	(-dBm)	(-dBc)										
0	-	-	+10	15	22	33	16	32	22	33	30	35
1	-	4	+0	13	20	32	37	39	41	36	37	44
2	>90	40	34	41	50	63	54	51	48	54	50	53
3	>90	57	58	44	50	50	57	>64	>64	>64	>64	59
4	>90	>64	>64	>64	>64	>64	>64	>64	>64	>64	>64	>64
5	>90	>64	>64	>64	>64	>64	>64	>64	>64	>64	>64	>64
6	>90	>64	>64	>64	>64	>64	>64	>64	>64	>64	>64	>64
7	>90	>64	>64	>64	>64	>64	>64	>64	>64	>64	>64	>64
8	>90	>64	>64	>64	>64	>64	>64	>64	>64	>64	>64	>64
9	>90	>64	>64	>64	>64	>64	>64	>64	>64	>64	>64	>64
10	>90	>64	>64	>64	>64	>64	>64	>64	>64	>64	>64	>64
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 900 MHz; -18.00 dBm.
LO IN: 930 MHz; +0.00 dBm
IF OUT: 30 MHz; -26.4 dBm

RF HARMONICS ORDER	(-dBm)	(-dBc)										
0	-	-	1	29	39	46	27	44	38	52	43	57
1	-	3	+0	18	22	41	42	47	47	45	49	69
2	78	36	29	31	45	48	50	49	46	53	49	61
3	>90	42	51	29	39	36	45	51	56	56	59	53
4	>90	62	60	59	47	47	52	58	62	58	62	64
5	>90	63	69	62	64	46	48	54	59	67	69	69
6	>90	>74	>74	>74	73	>74	62	57	66	63	>74	71
7	>90	72	>74	>74	>74	73	74	62	62	69	69	>74
8	>90	>74	>74	>74	>74	>74	>74	>74	67	69	>74	>74
9	>90	>74	>74	>74	>74	>74	>74	>74	>74	73	>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: 900 MHz; -8.00 dBm.
LO IN: 930 MHz; +0.00 dBm
IF OUT: 30 MHz; -16.21 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.