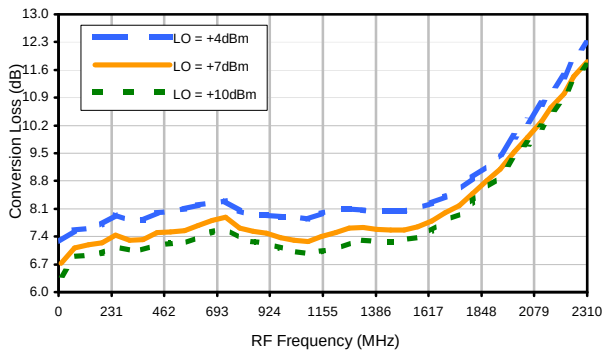
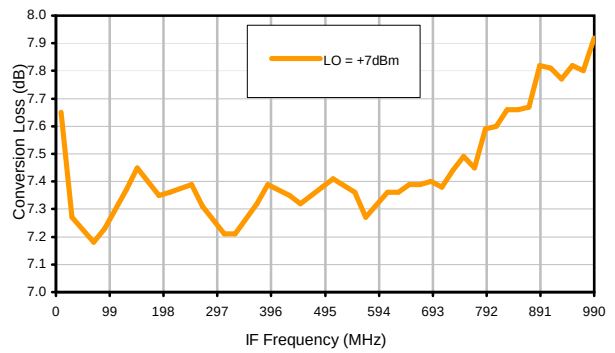


Typical Performance Curves

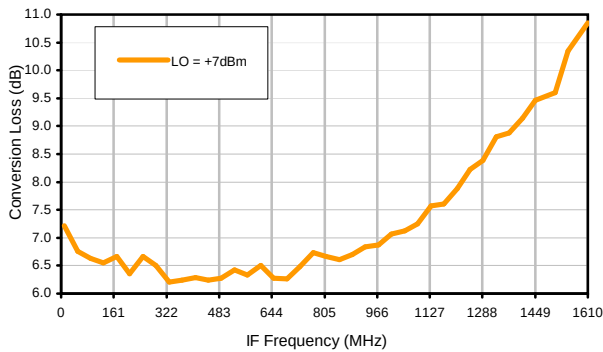
Conversion Loss @ IF=30MHz



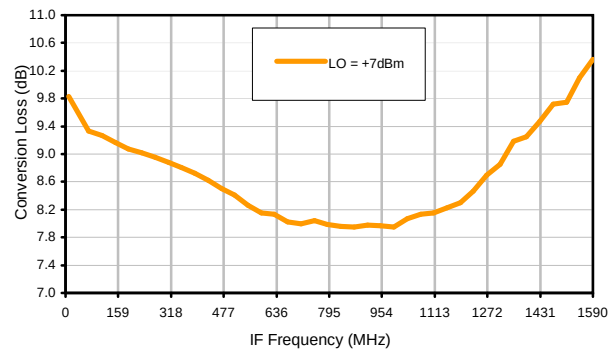
Conversion Loss vs. IF @ RF=1000.1MHz



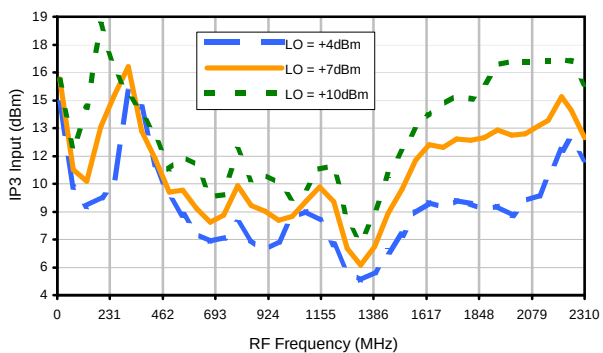
Conversion Loss vs. IF @ RF=10.1MHz



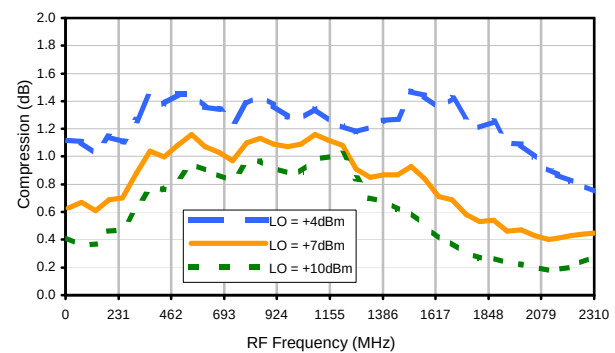
Conversion Loss vs. IF @ RF=2000.1MHz



IP3 Input

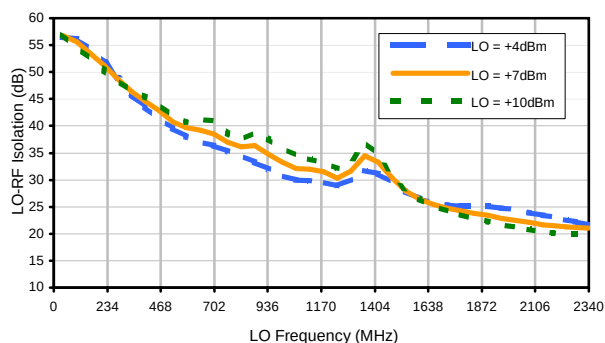


Compression @ RF IN=+1dBm

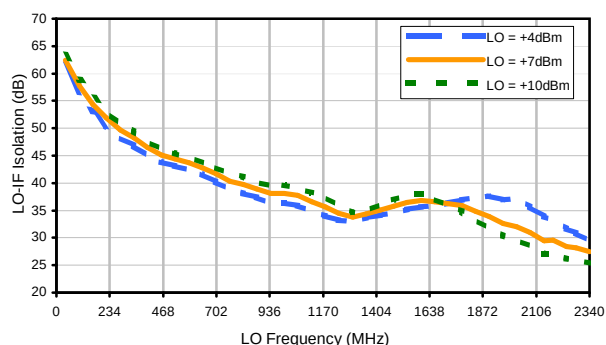


Typical Performance Curves

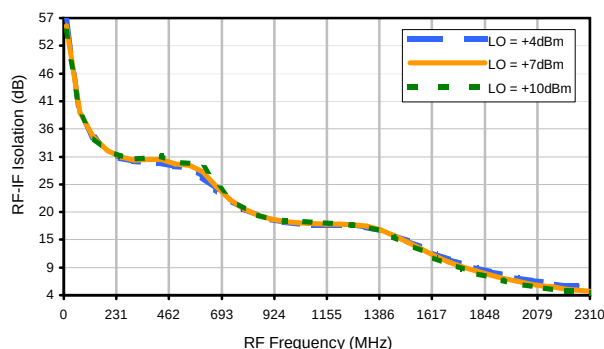
LO-RF Isolation



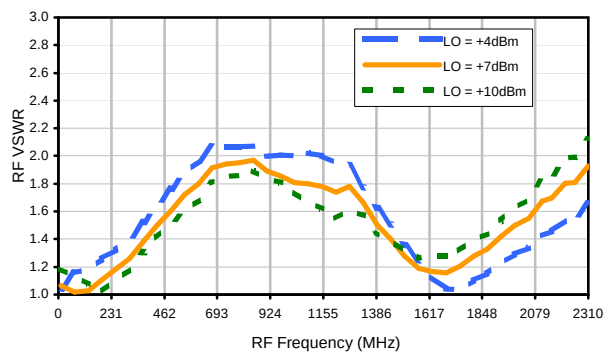
LO-IF Isolation



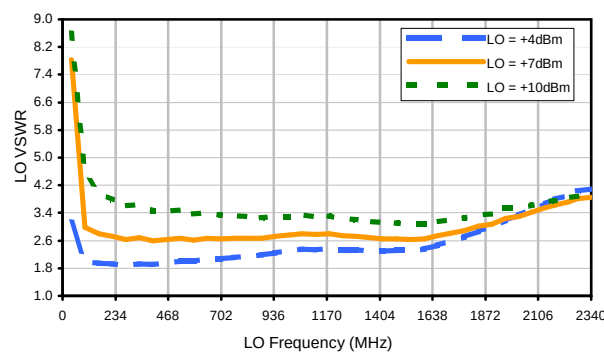
RF-IF Isolation



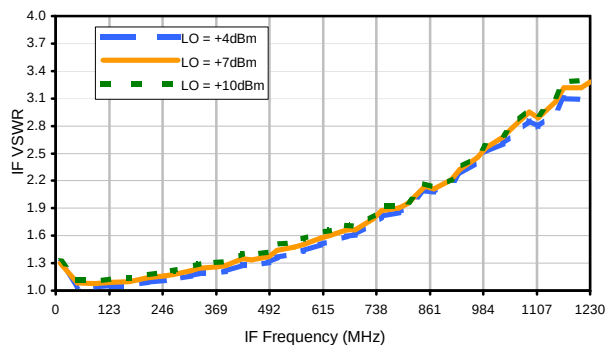
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	10	13	6	22	12	30	33	43	42	55
1	-	15	+0	29	22	25	30	28	33	37	37	54
2	87	58	67	61	60	52	42	55	39	54	56	60
3	>90	57	60	65	52	62	>69	57	68	57	60	63
4	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	66	>69
5	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
6	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
7	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
8	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
9	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
10	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 1005.1 MHz; -14.00 dBm.
LO IN: 1035.1 MHz; +7.00 dBm
IF OUT: 30 MHz; -21.22 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	20	25	18	35	28	43	51	56	59	74
1	-	15	+0	33	22	30	34	36	41	52	57	70
2	67	49	60	54	55	46	37	48	38	55	57	67
3	>90	38	41	43	35	48	51	42	49	44	50	54
4	>90	63	75	69	61	74	61	63	50	66	50	64
5	>90	68	72	68	63	69	51	62	62	55	70	55
6	>90	>79	70	>79	>79	76	72	75	75	72	63	70
7	>90	>79	>79	>79	77	76	72	72	62	69	70	69
8	>90	>79	>79	>79	78	>79	>79	>79	>79	77	>79	76
9	>90	>79	>79	>79	>79	>79	>79	>79	>79	>79	74	78
10	>90	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 1005.1 MHz; -4.00 dBm.
LO IN: 1035.1 MHz; +7.00 dBm
IF OUT: 30 MHz; -11.36 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.