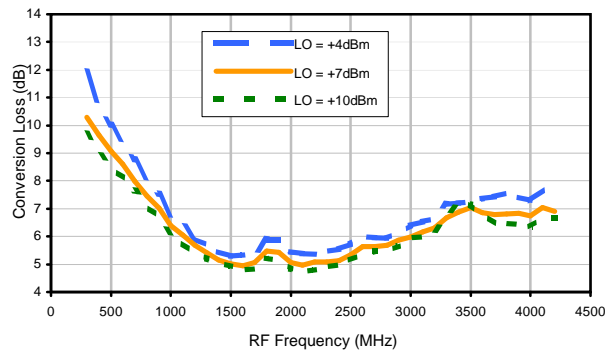
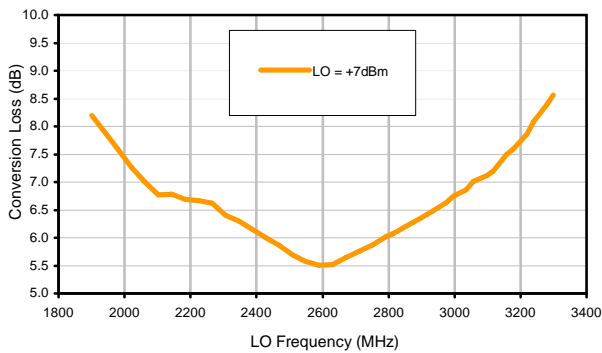


Typical Performance Curves

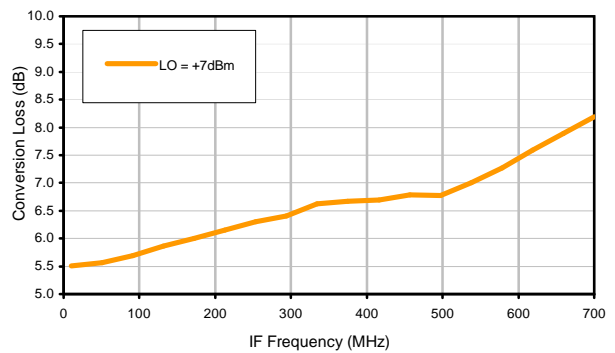
Conversion Loss @ IF=30MHz



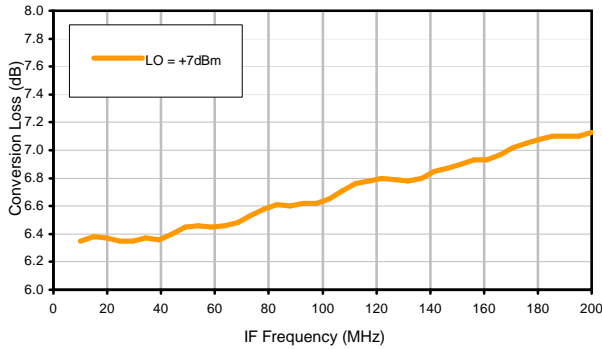
Conversion Loss vs. LO @ RF=2600.1MHz



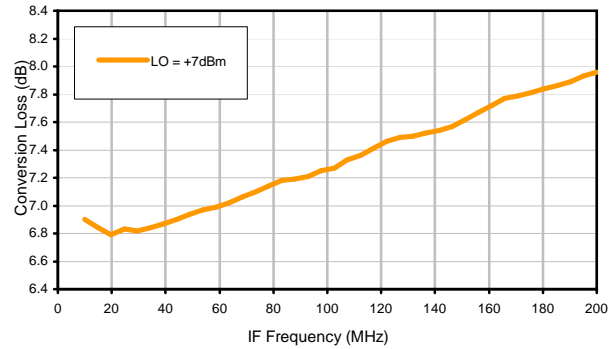
Conversion Loss vs. IF @ RF=2600.1MHz



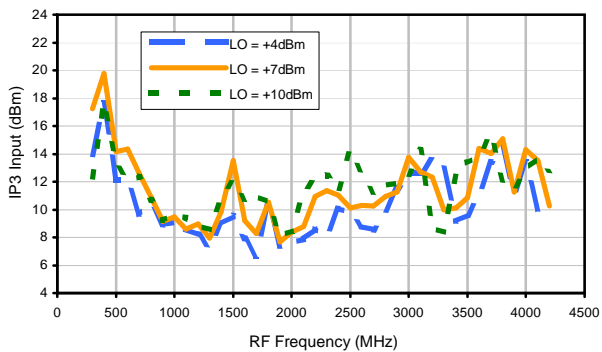
Conversion Loss vs. IF @ RF=1000.1MHz



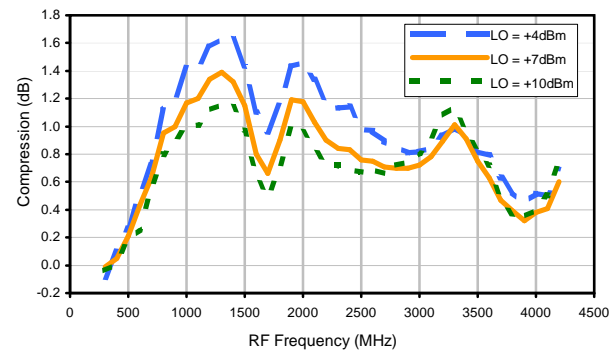
Conversion Loss vs. IF @ RF=4200.1MHz



IP3 Input

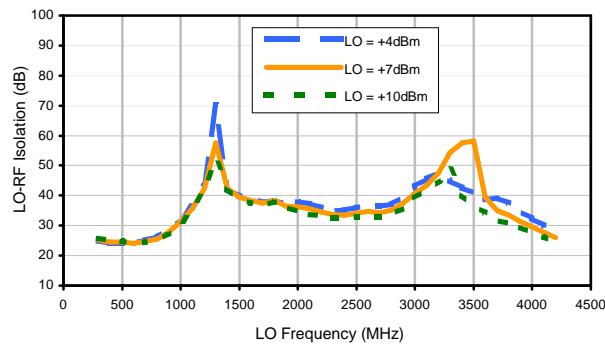


Compression @ RF IN=+1dBm

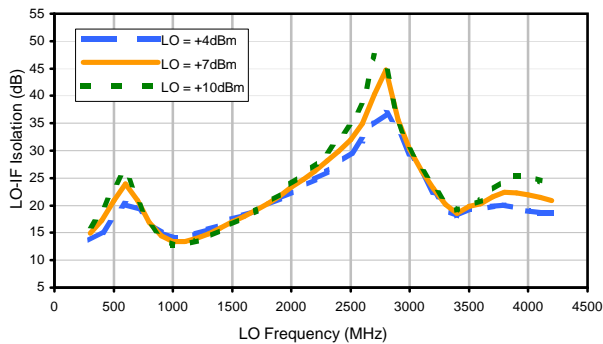


Typical Performance Curves

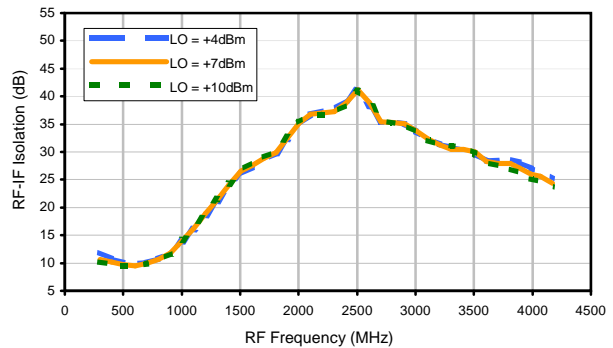
LO-RF Isolation



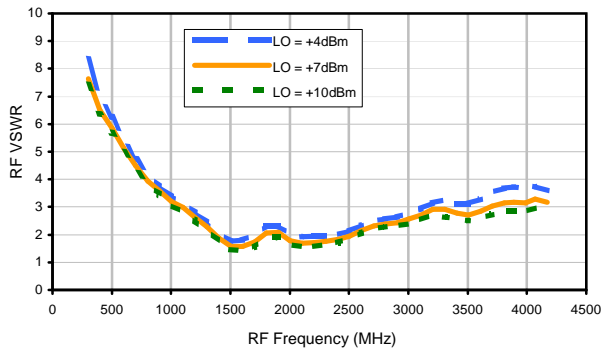
LO-IF Isolation



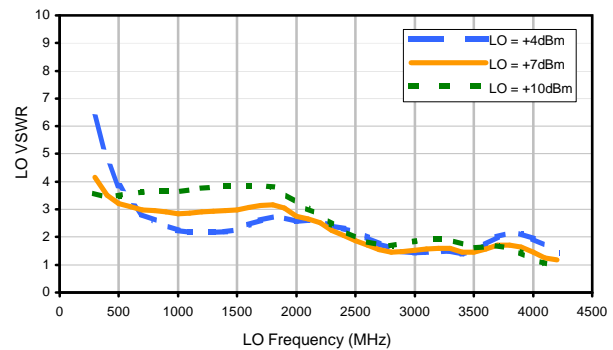
RF-IF Isolation



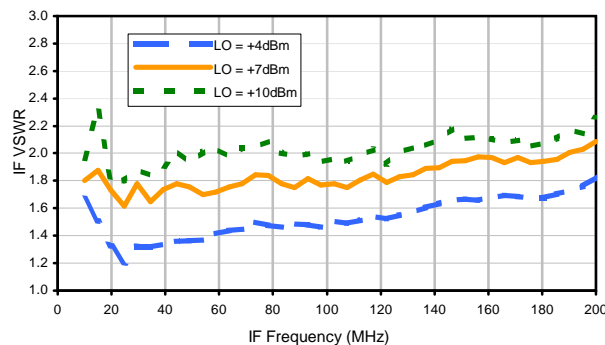
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	6	21	12	36	30	38	31	57	42	---
1	-	18	+0	44	28	35	45	49	45	54	60	64
2	>100	67	75	63	72	77	63	72	69	76	63	>79
3	>100	72	>79	>79	70	>79	>79	78	>79	>79	>79	>79
4	>100	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
5	>100	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
6	>100	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
7	>100	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
8	>100	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
9	98	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
10	---	---	>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: 2600.1 MHz; -14.00 dBm.
 LO IN: 2630.01 MHz; +7.00 dBm
 IF OUT: 29.91 MHz; -20.98 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	16	30	22	47	41	49	45	75	59	---
1	-	18	+0	44	28	36	45	51	48	57	64	66
2	81	58	66	52	63	68	54	64	62	67	57	78
3	>100	51	59	69	46	76	61	60	75	72	64	71
4	>100	>89	80	78	>89	80	83	79	82	79	80	86
5	100	>89	>89	86	88	>89	82	>89	84	82	>89	>89
6	>100	>89	>89	>89	>89	>89	>89	>89	>89	>89	>89	>89
7	>100	>89	>89	>89	>89	>89	>89	>89	>89	>89	>89	>89
8	>100	>89	>89	>89	>89	>89	>89	>89	>89	>89	>89	>89
9	>100	>89	>89	>89	>89	>89	>89	>89	>89	>89	>89	>89
10	---	---	>89	>89	>89	>89	>89	>89	>89	>89	>89	>89
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 2600.1 MHz; -4.00 dBm.
 LO IN: 2630.01 MHz; +7.00 dBm
 IF OUT: 29.91 MHz; -11.02 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.

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