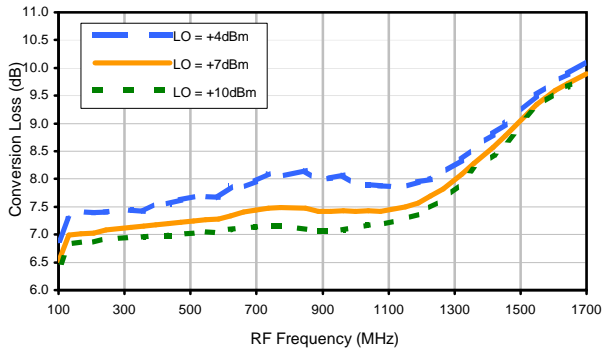
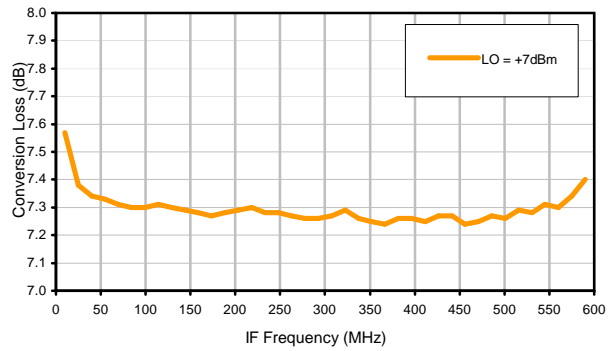


Typical Performance Curves

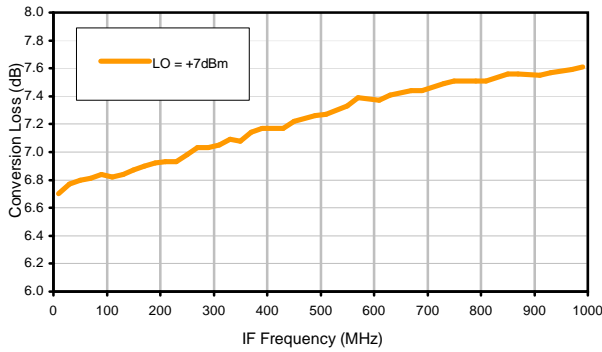
Conversion Loss @ IF=30MHz



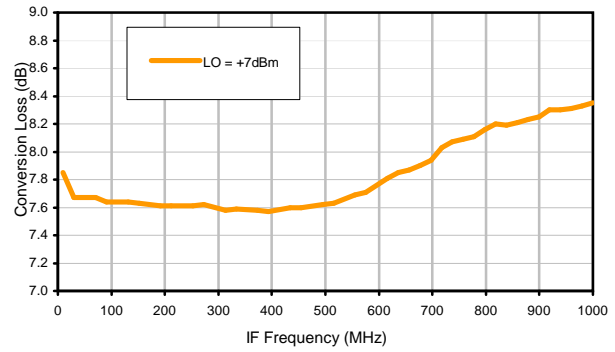
Conversion Loss vs. IF @ RF=600.1MHz



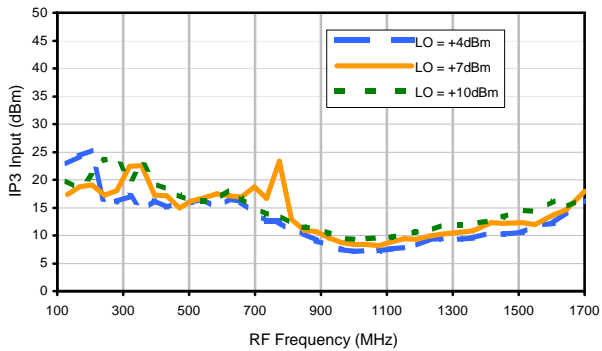
Conversion Loss vs. IF @ RF=10.1MHz



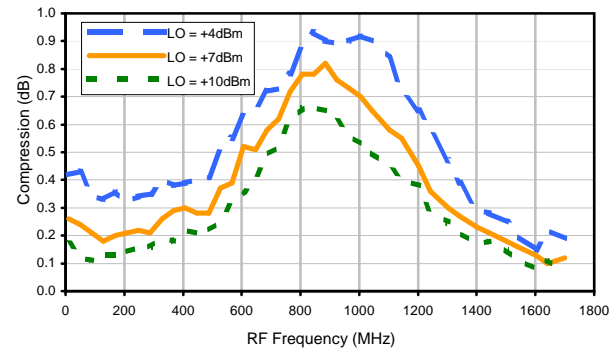
Conversion Loss vs. IF @ RF=1200.1MHz



IP3 Input

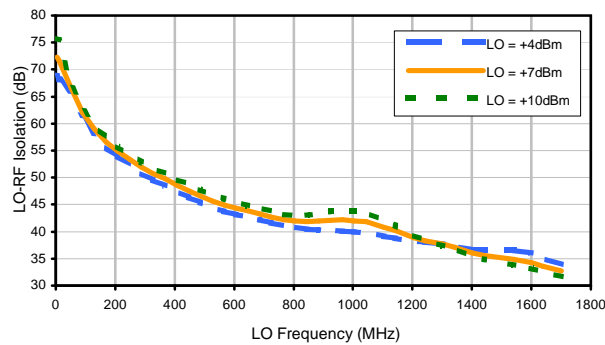


Compression @ RF IN=+1dBm

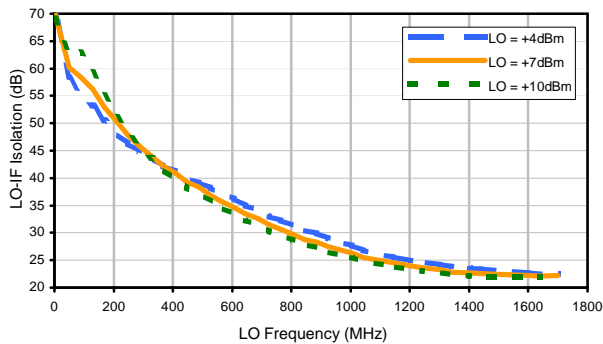


Typical Performance Curves

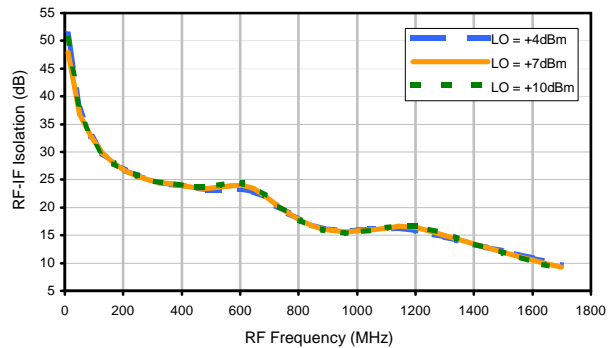
LO-RF Isolation



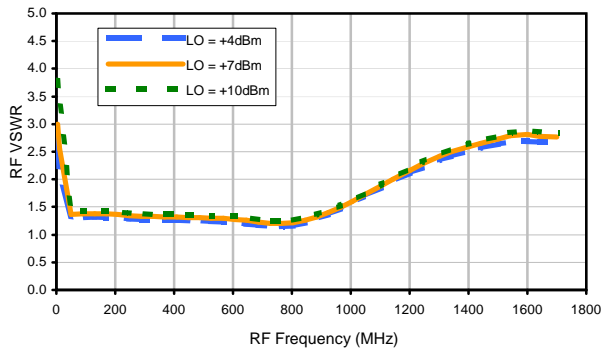
LO-IF Isolation



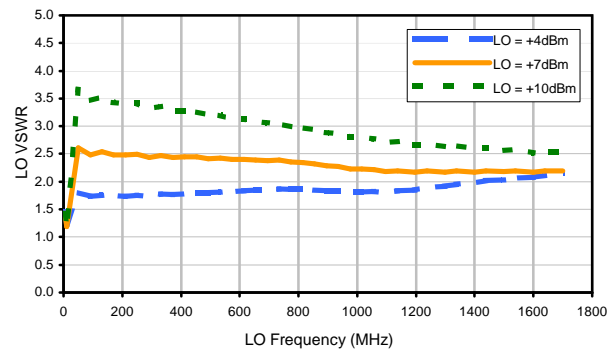
RF-IF Isolation



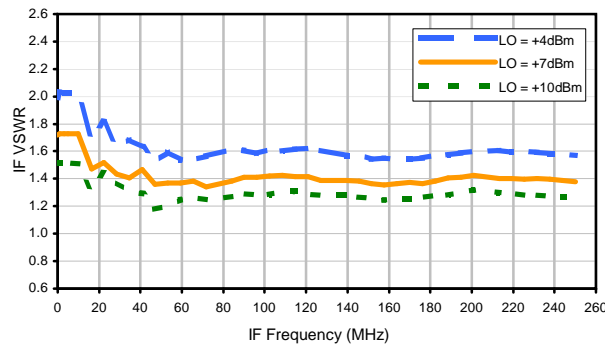
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	5	33	26	35	21	39	38	39	47	46
1	-	16	+0	30	13	39	33	30	34	32	46	36
2	>100	64	64	61	71	68	66	76	61	>78	65	68
3	>100	72	73	71	65	72	65	>78	78	75	64	72
4	>100	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78
5	>100	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78
6	>100	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78
7	>100	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78
8	>100	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78
9	>100	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78
10	>100	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 600.1 MHz; -14.00 dBm.
 LO IN: 630.01 MHz; +7.00 dBm
 IF OUT: 29.91 MHz; -21.63 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	15	43	37	46	32	48	54	53	57	63
1	-	16	+0	30	13	41	33	32	34	37	59	41
2	93	58	54	53	63	64	58	67	52	66	61	63
3	>100	52	61	56	50	56	51	64	73	52	50	50
4	>100	>88	85	73	81	73	72	76	81	88	70	79
5	>100	77	82	84	63	68	60	70	59	76	70	76
6	>100	>88	>88	>88	>88	86	>88	87	>88	88	>88	>88
7	>100	85	85	87	>88	83	78	80	77	80	81	>88
8	>100	>88	>88	>88	>88	>88	>88	>88	>88	>88	>88	>88
9	>100	>88	>88	>88	>88	>88	>88	>88	>88	>88	>88	>88
10	>100	>88	>88	>88	>88	>88	>88	>88	>88	>88	>88	>88
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 600.1 MHz; -4.00 dBm.
 LO IN: 630.01 MHz; +7.00 dBm
 IF OUT: 29.91 MHz; -11.51 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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