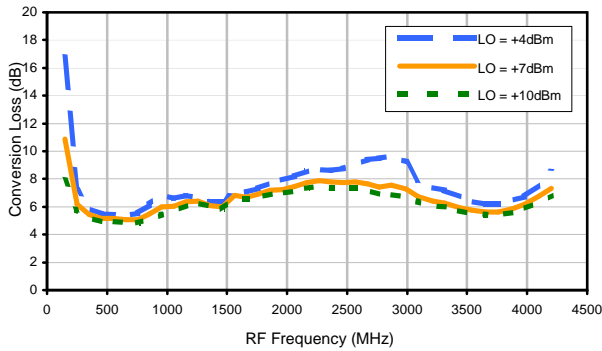
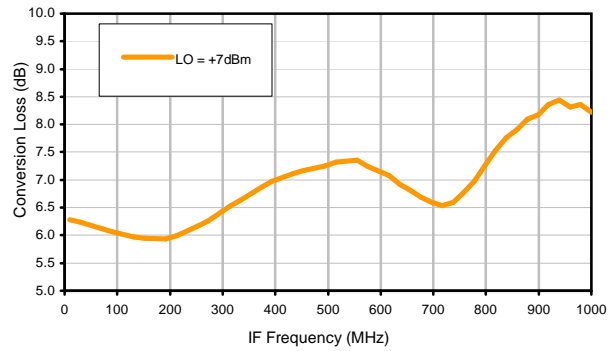


Typical Performance Curves

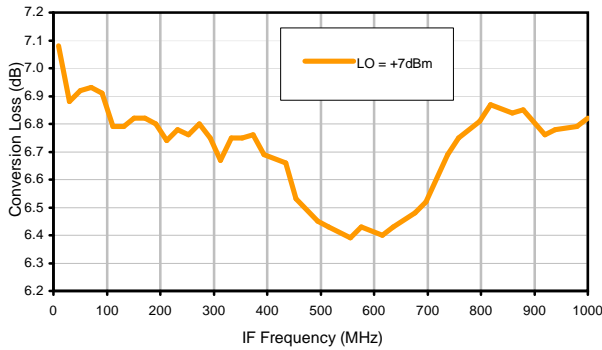
Conversion Loss @ IF=30MHz



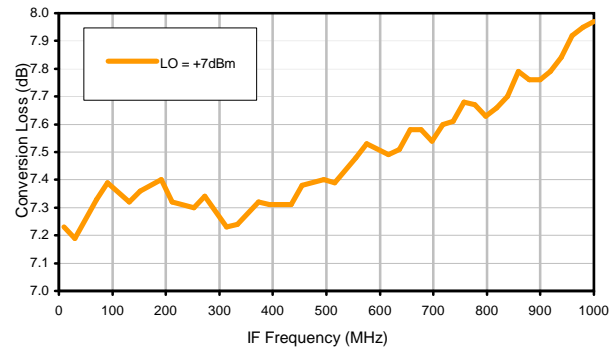
Conversion Loss vs. IF @ RF=1500.1MHz



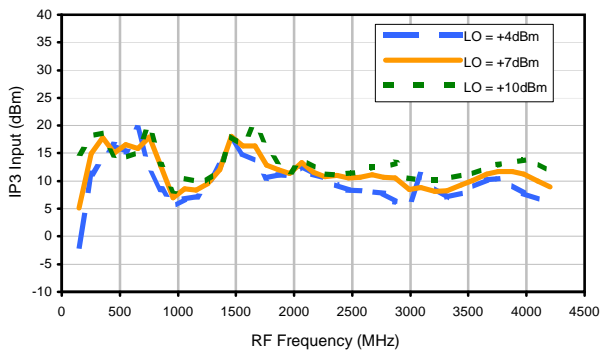
Conversion Loss vs. IF @ RF=200.1MHz



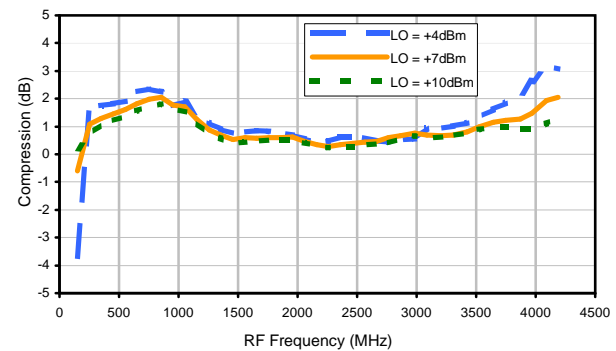
Conversion Loss vs. IF @ RF=3000.1MHz



IP3 Input

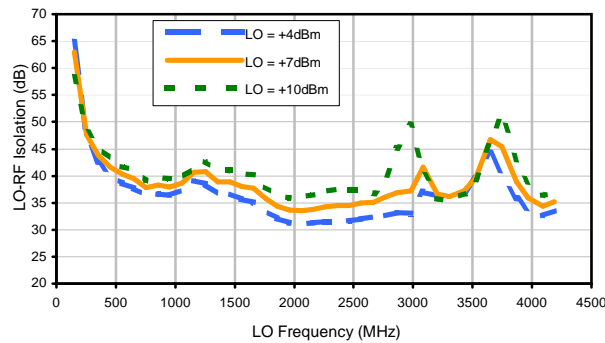


Compression @ RF IN=+1dBm

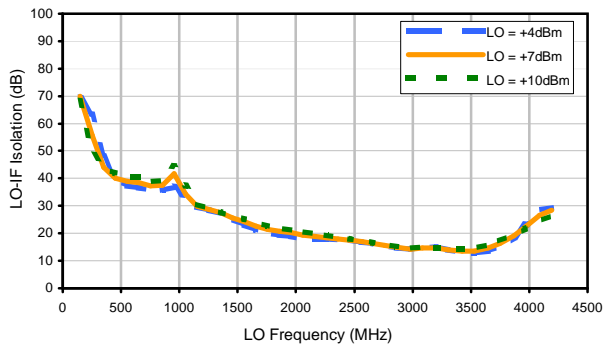


Typical Performance Curves

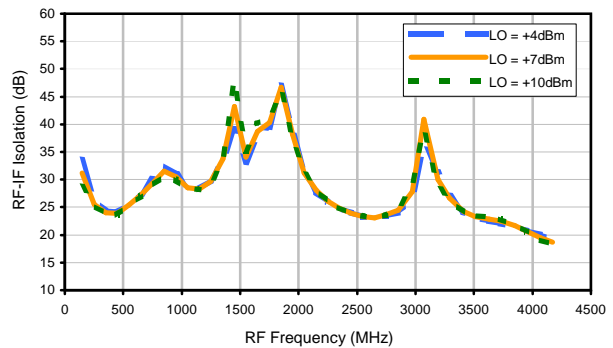
LO-RF Isolation



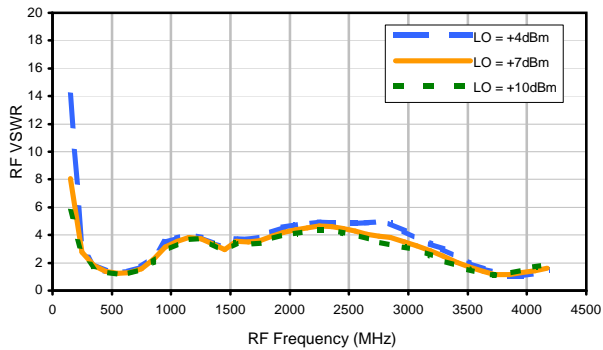
LO-IF Isolation



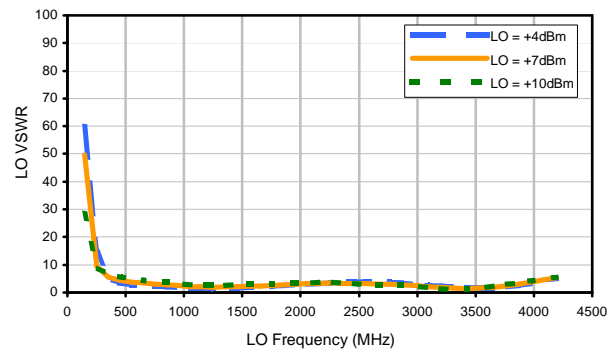
RF-IF Isolation



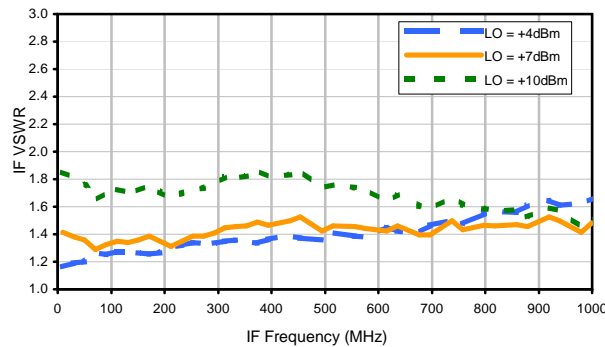
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+18	17	+2	42	11	38	25	44	39	45
1	-	22	+0	30	22	34	42	39	39	46	42	72
2	98	66	41	51	41	61	49	61	52	66	54	58
3	122	78	66	64	69	71	75	68	69	71	71	74
4	114	86	82	111	80	86	79	92	86	86	88	90
5	111	107	112	96	102	98	92	108	101	95	94	97
6	113	101	98	119	101	100	103	91	100	101	98	98
7	108	105	123	95	100	101	104	102	93	102	109	105
8	106	103	103	102	95	104	96	98	106	95	101	104
9	116	99	112	98	102	93	100	110	106	98	87	103
10	107	94	96	100	102	98	106	100	98	103	98	93
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 1600.1 MHz; -14.00 dBm.
 LO IN: 1630.01 MHz; +7.00 dBm
 IF OUT: 29.91 MHz; -21.33 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+9	27	8	59	22	48	42	63	45	64
1	-	22	+0	31	22	36	44	42	44	54	50	69
2	78	58	33	42	33	52	41	65	45	60	50	58
3	117	61	45	48	44	56	56	53	57	57	56	62
4	111	67	59	73	55	61	54	67	61	66	62	72
5	111	84	75	83	73	65	64	72	71	69	67	70
6	113	87	82	84	75	91	74	83	71	80	81	75
7	112	97	94	91	89	91	84	80	79	85	86	83
8	112	95	102	107	94	98	87	107	87	92	85	92
9	108	113	102	112	116	103	105	99	102	92	98	100
10	107	113	108	101	114	113	101	108	97	111	97	99
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 1600.1 MHz; -4.00 dBm.
 LO IN: 1630.01 MHz; +7.00 dBm
 IF OUT: 29.91 MHz; -11.48 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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