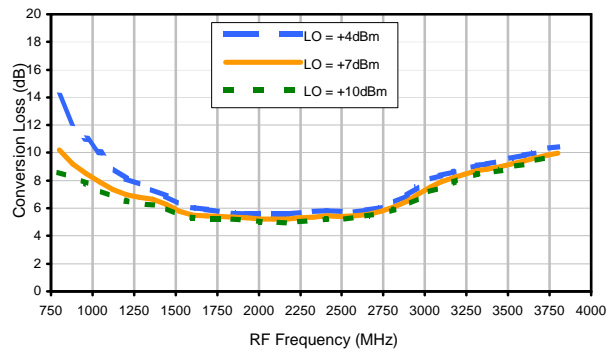
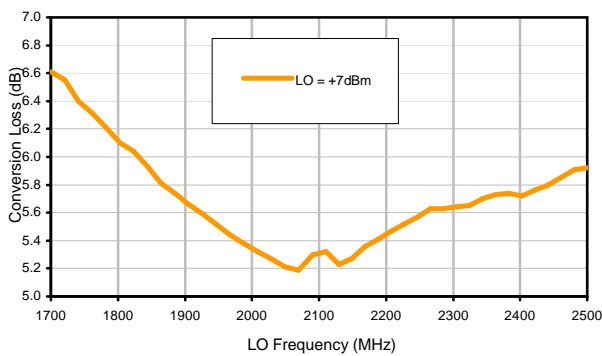


Typical Performance Curves

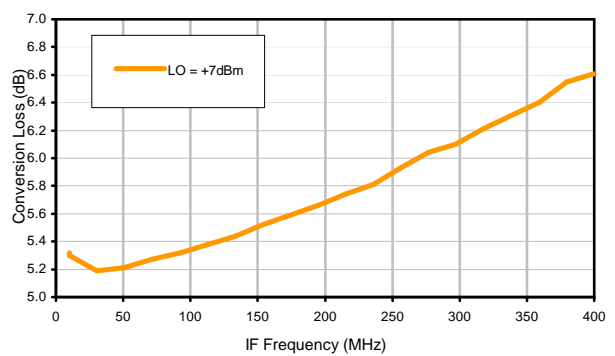
Conversion Loss @ IF=30MHz



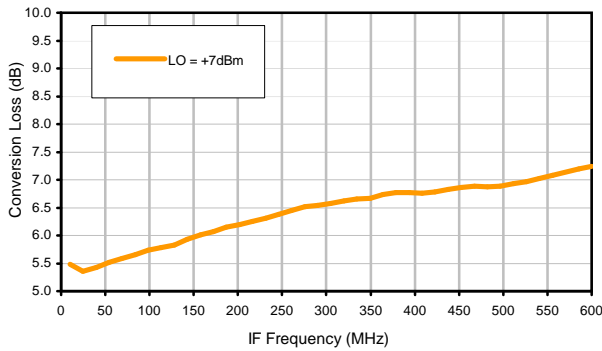
Conversion Loss vs. LO @ RF=2100.1MHz



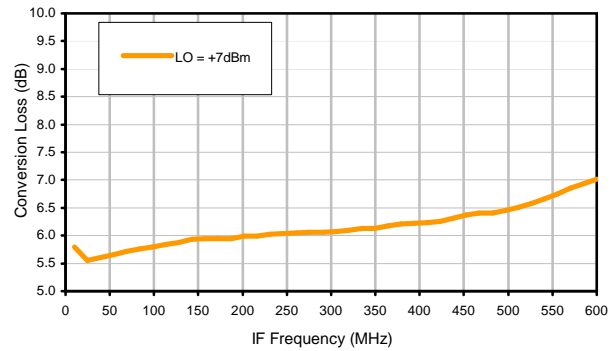
Conversion Loss vs. IF @ RF=2100.1MHz



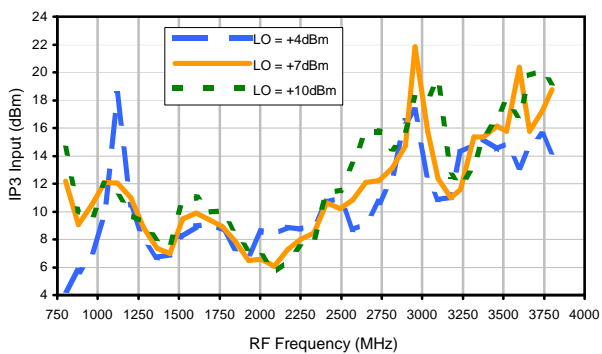
Conversion Loss vs. IF @ RF=1700.1MHz



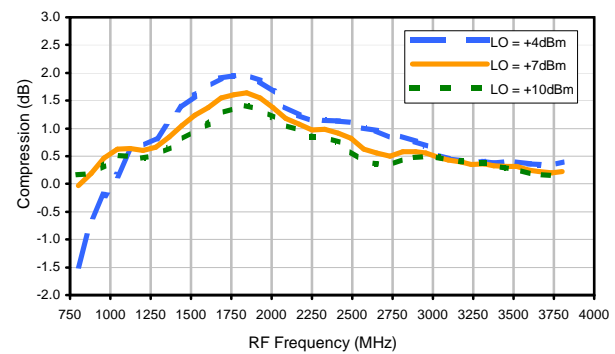
Conversion Loss vs. IF @ RF=2500.1MHz



IP3 Input

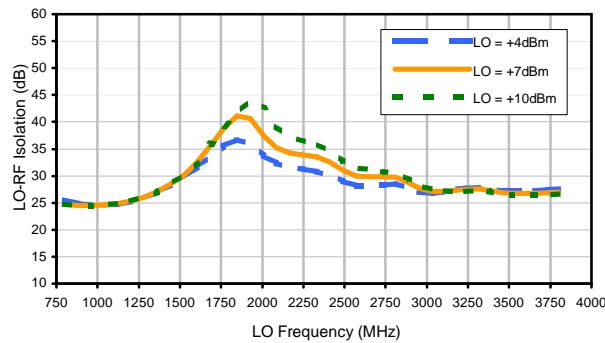


Compression @ RF IN=+1dBm

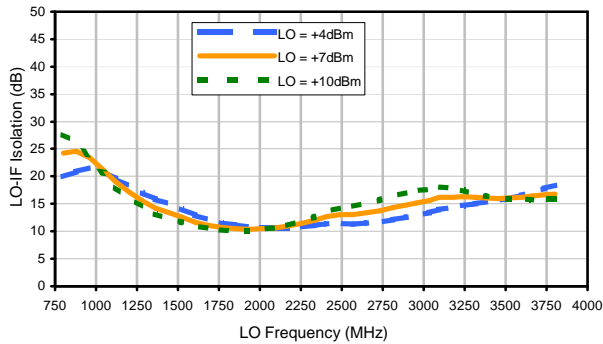


Typical Performance Curves

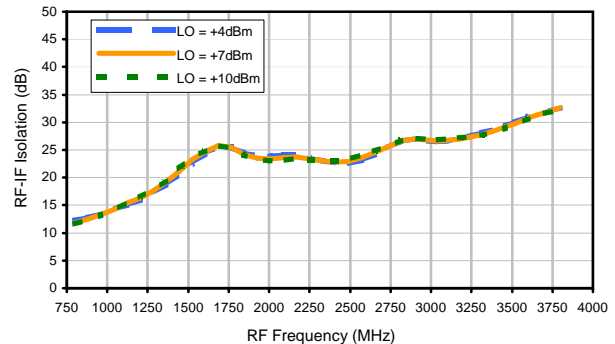
LO-RF Isolation



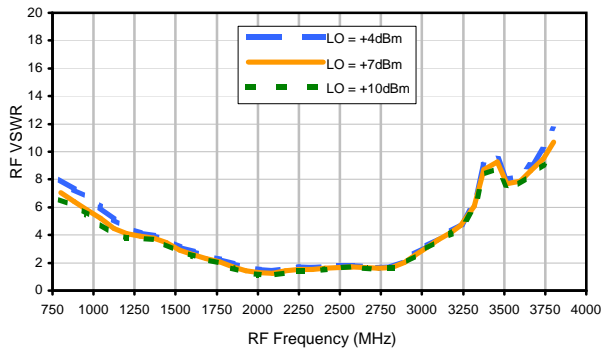
LO-IF Isolation



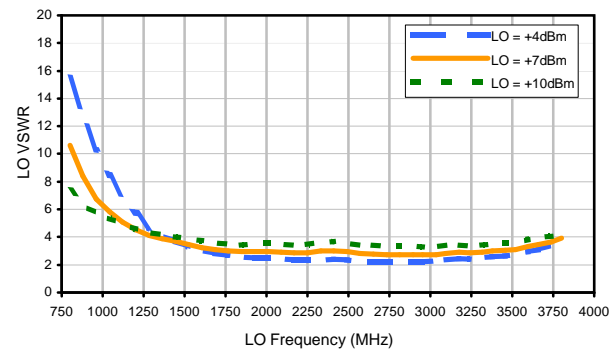
RF-IF Isolation



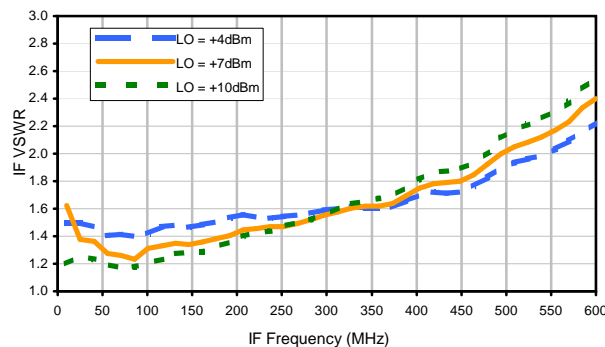
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+16	30	8	20	26	41	28	42	39	46
1	-	19	+0	38	35	38	34	44	46	46	56	56
2	100	57	46	47	37	60	45	56	57	60	63	59
3	108	64	61	70	60	68	68	81	58	68	64	71
4	105	84	70	89	72	76	66	85	72	76	80	79
5	110	96	88	99	95	107	79	87	97	90	85	86
6	109	102	102	113	94	109	95	91	96	100	98	101
7	114	101	103	104	103	102	104	112	84	108	106	98
8	114	95	103	105	100	104	107	102	96	92	115	105
9	111	96	96	100	93	107	99	107	109	101	91	103
10	113	101	97	94	104	97	100	102	103	111	102	97
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 2100.1 MHz; -14.00 dBm.
 LO IN: 2130.01 MHz; +7.00 dBm
 IF OUT: 29.91 MHz; -19.47 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+6	41	20	35	33	56	38	66	50	67
1	-	18	+0	41	34	43	41	52	63	56	70	65
2	80	57	42	39	34	59	43	48	65	71	55	68
3	115	41	41	51	31	57	56	64	53	69	65	68
4	90	62	53	60	53	54	44	66	55	60	65	79
5	119	73	63	69	59	64	50	62	62	72	59	75
6	113	75	68	76	61	71	64	65	55	74	65	73
7	117	78	88	84	73	78	79	83	60	69	70	79
8	106	84	85	87	76	79	70	82	73	70	65	80
9	104	88	92	86	100	96	89	80	87	81	70	77
10	111	94	95	92	99	95	87	87	79	95	80	78
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 2100.1 MHz; -4.00 dBm.
 LO IN: 2130.01 MHz; +7.00 dBm
 IF OUT: 29.91 MHz; -9.68 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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