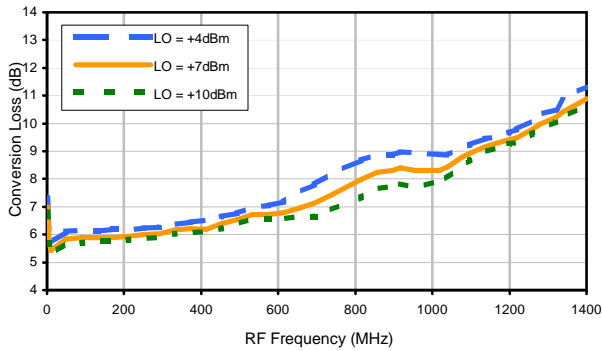
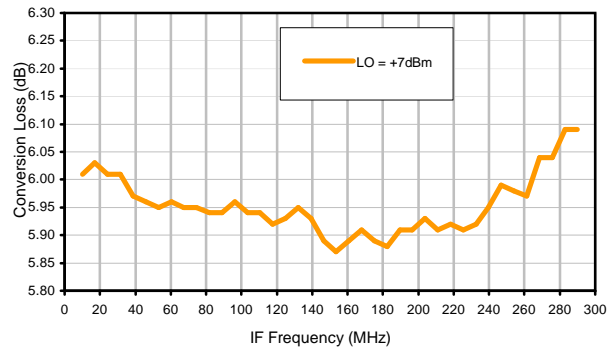


Typical Performance Curves

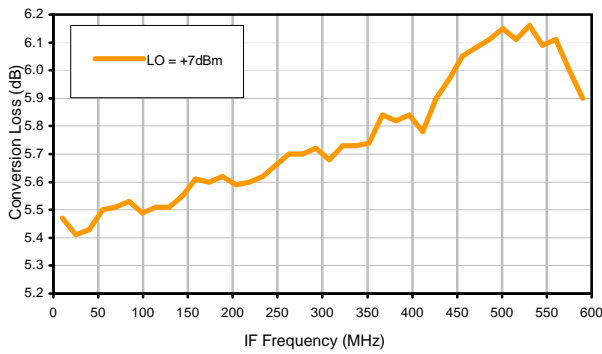
Conversion Loss @ IF=30MHz



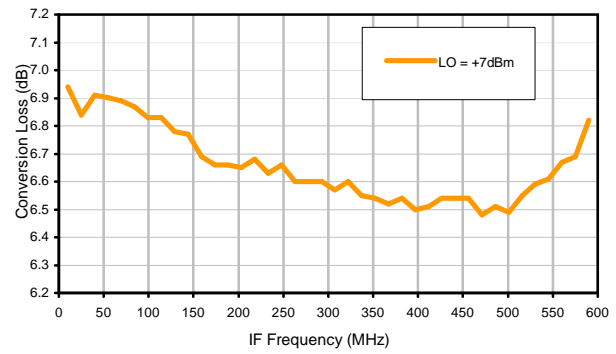
Conversion Loss vs. IF @ RF=300.1MHz



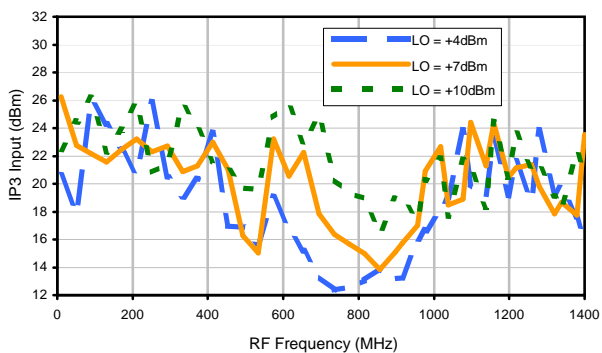
Conversion Loss vs. IF @ RF=10.1MHz



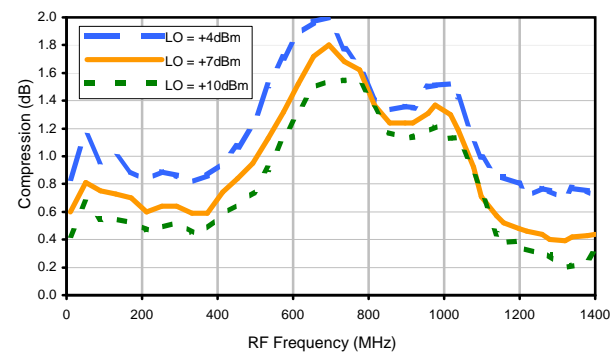
Conversion Loss vs. IF @ RF=600.1MHz



IP3 Input

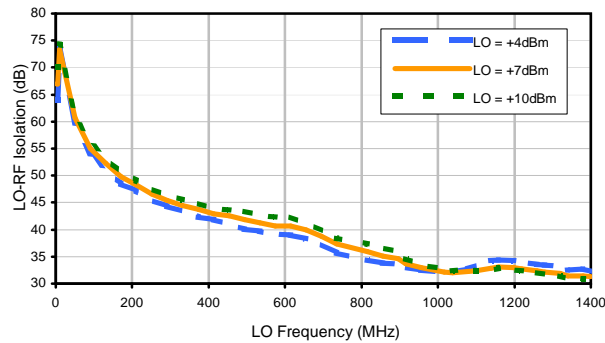


Compression @ RF IN=+1dBm

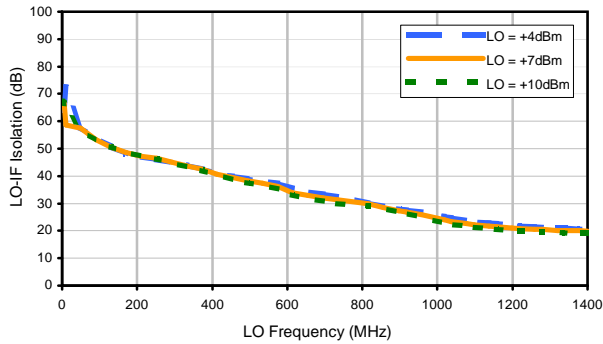


Typical Performance Curves

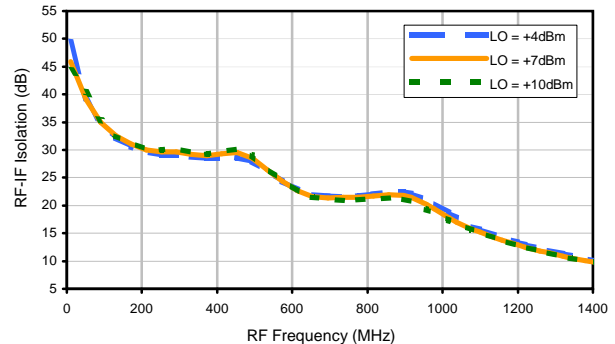
LO-RF Isolation



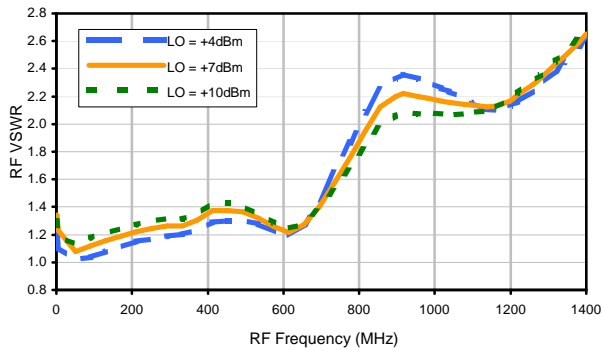
LO-IF Isolation



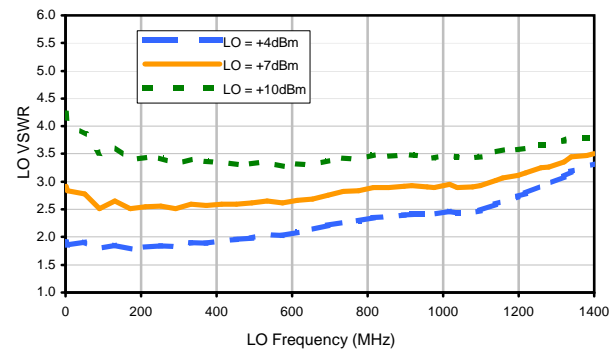
RF-IF Isolation



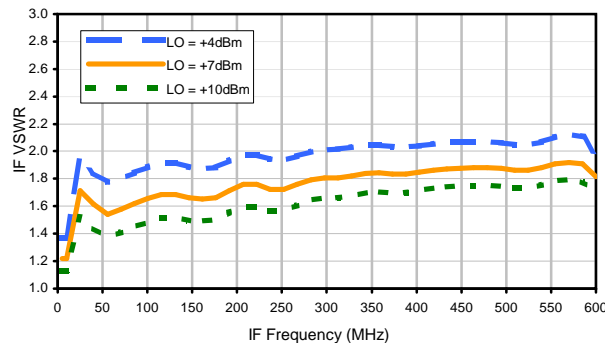
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	16	21	25	38	27	43	35	32	36	35
1	-	23	+0	32	12	46	17	35	44	55	41	58
2	>100	67	58	65	58	66	57	69	64	>80	65	67
3	>100	71	64	71	64	78	59	77	64	77	>80	>80
4	>100	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
5	>100	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
6	>100	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
7	>100	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
8	>100	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
9	>100	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
10	>100	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 300.1 MHz; -14.00 dBm.
 LO IN: 330.01 MHz; +7.00 dBm
 IF OUT: 29.91 MHz; -20.19 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	25	31	37	47	39	55	50	45	49	49
1	-	24	+0	33	12	42	19	40	46	65	40	66
2	92	70	50	61	52	69	53	68	60	77	61	61
3	>100	51	43	53	47	59	41	63	43	56	69	76
4	>100	69	71	68	70	70	70	72	66	87	75	>90
5	>100	74	70	81	56	74	55	78	55	70	60	86
6	>100	>90	88	84	87	85	86	85	85	84	>90	>90
7	>100	>90	86	88	85	>90	78	87	77	88	68	84
8	>100	>90	>90	>90	>90	>90	>90	89	82	89	>90	>90
9	>100	>90	>90	>90	89	>90	84	>90	85	>90	86	>90
10	>100	>90	>90	>90	>90	>90	>90	>90	>90	>90	84	>90
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 300.1 MHz; -4.00 dBm.
 LO IN: 330.01 MHz; +7.00 dBm
 IF OUT: 29.91 MHz; -10.13 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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