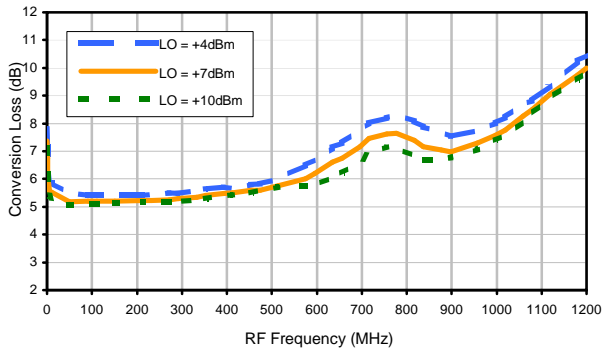
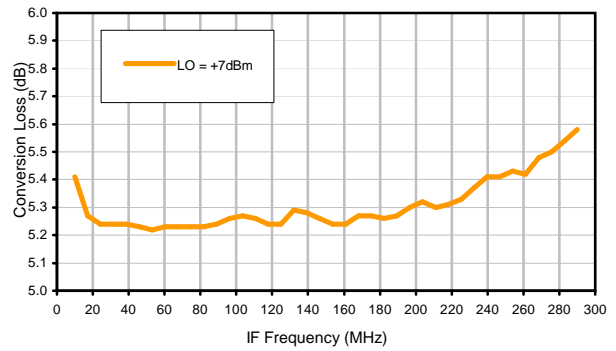


Typical Performance Curves

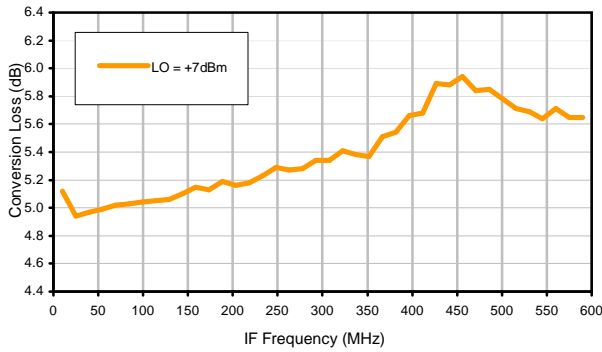
Conversion Loss @ IF=30MHz



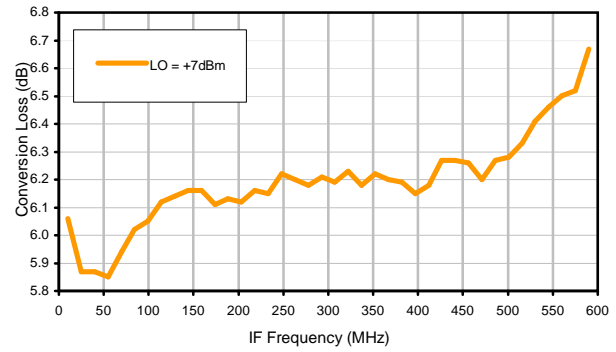
Conversion Loss vs. IF @ RF=300.1MHz



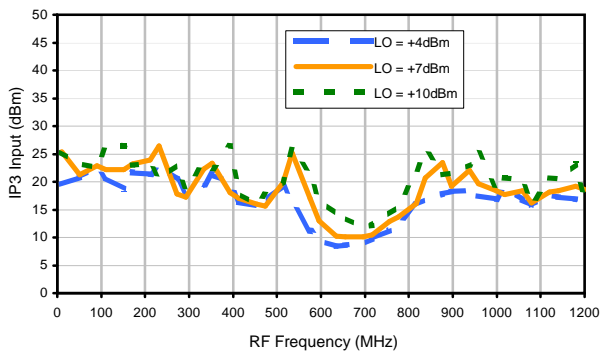
Conversion Loss vs. IF @ RF=10.1MHz



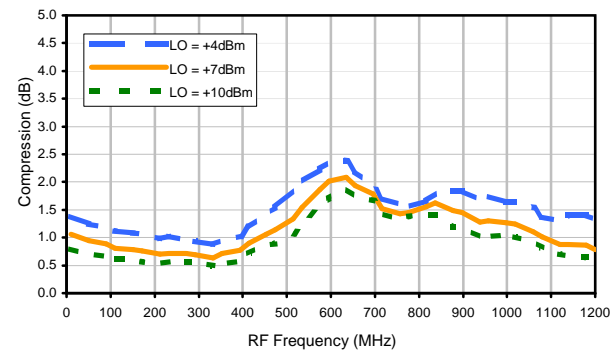
Conversion Loss vs. IF @ RF=600.1MHz



IP3 Input

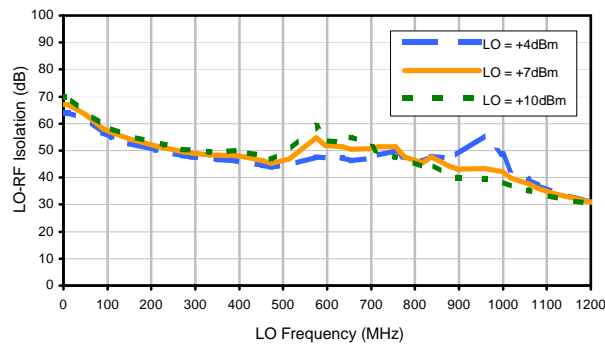


Compression @ RF IN=+1dBm

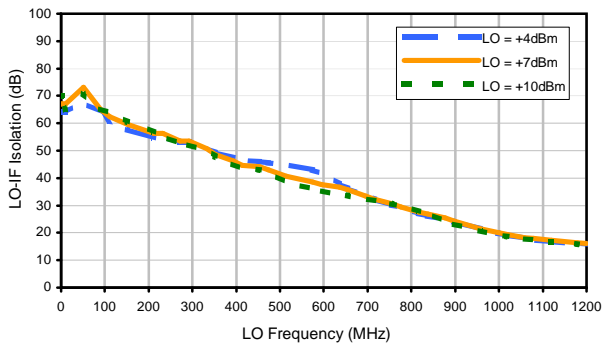


Typical Performance Curves

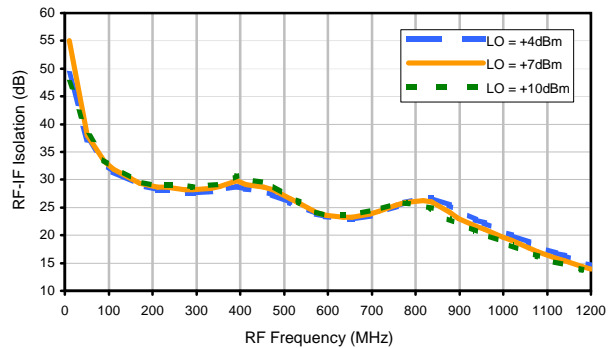
LO-RF Isolation



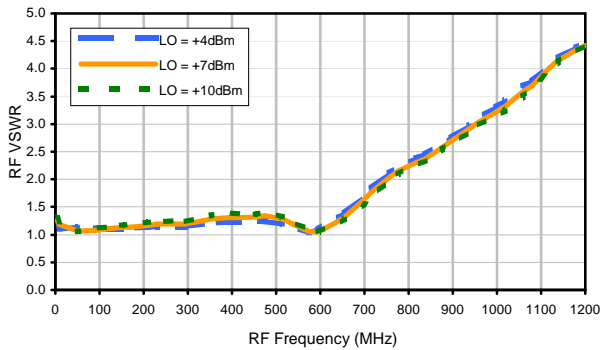
LO-IF Isolation



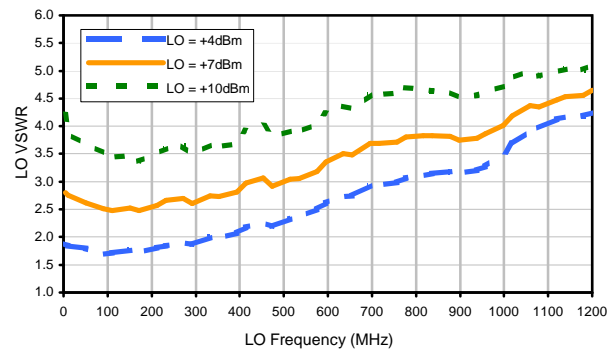
RF-IF Isolation



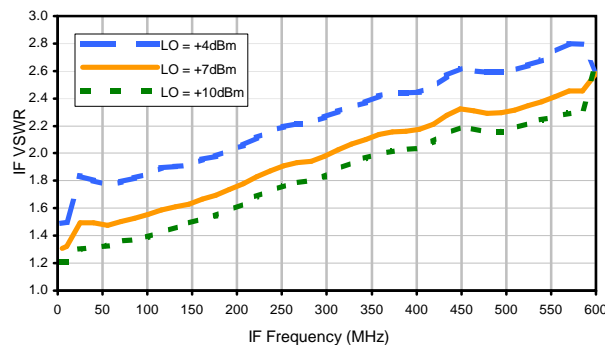
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	21	42	19	43	21	43	26	39	45	60
1	-	24	+0	34	12	37	20	42	42	56	38	53
2	>100	>81	62	78	66	77	63	>81	63	77	59	80
3	>100	69	57	67	58	69	56	69	69	77	70	>81
4	>100	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
5	>100	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
6	>100	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
7	>100	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
8	>100	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
9	>100	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
10	>100	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
	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; -19.35 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	30	54	29	54	32	53	38	52	52	73
1	-	25	+0	36	13	37	22	49	43	59	44	58
2	>100	66	55	80	61	70	55	72	58	70	55	69
3	>100	53	37	50	40	53	37	54	45	60	58	65
4	>100	75	71	76	79	74	79	79	78	83	72	80
5	>100	87	65	71	57	69	53	70	55	64	74	75
6	>100	>90	>90	86	84	84	89	83	87	83	89	>90
7	>100	>90	84	>90	70	84	71	81	67	>90	64	79
8	>100	>90	>90	>90	>90	>90	>90	>90	>90	>90	>90	>90
9	>100	>90	>90	>90	>90	>90	83	>90	86	84	87	89
10	>100	>90	>90	>90	>90	>90	>90	>90	>90	>90	83	>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; -9.55 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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