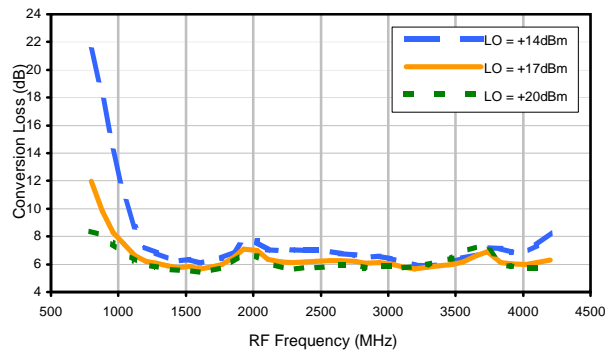
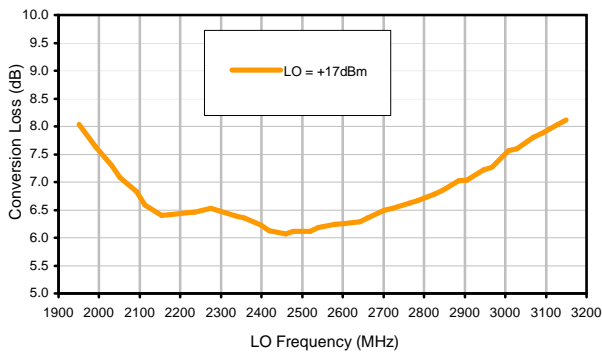


Typical Performance Curves

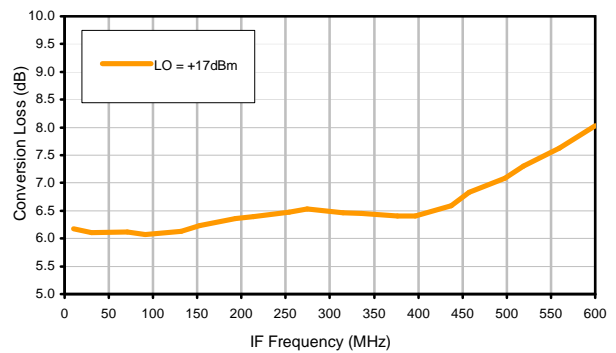
Conversion Loss @ IF=30MHz



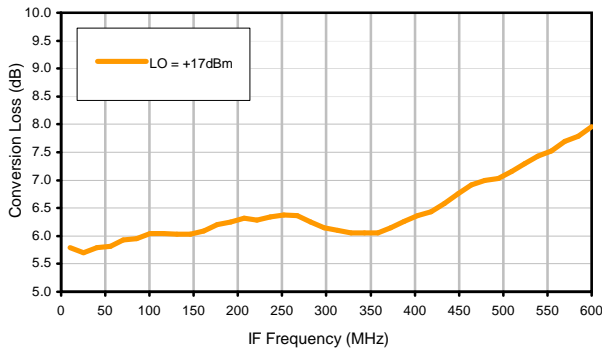
Conversion Loss vs. LO @ RF=2550.1MHz



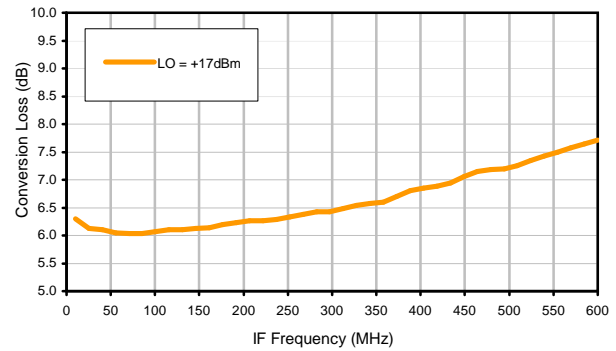
Conversion Loss vs. IF @ RF=2550.1MHz



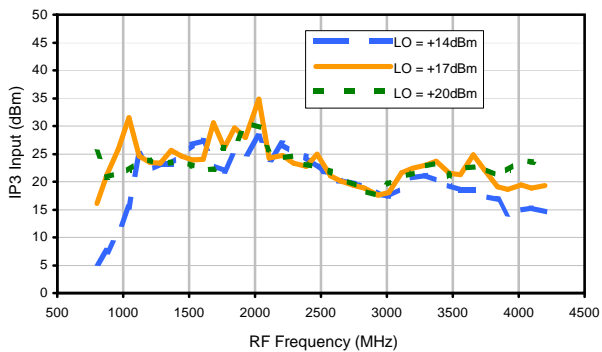
Conversion Loss vs. IF @ RF=1500.1MHz



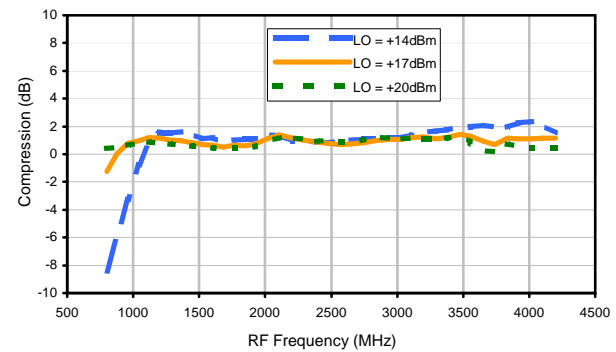
Conversion Loss vs. IF @ RF=3600.1MHz



IP3 Input

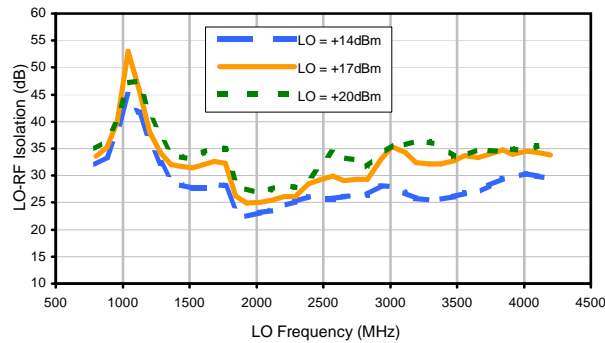


Compression @ RF IN=+14dBm

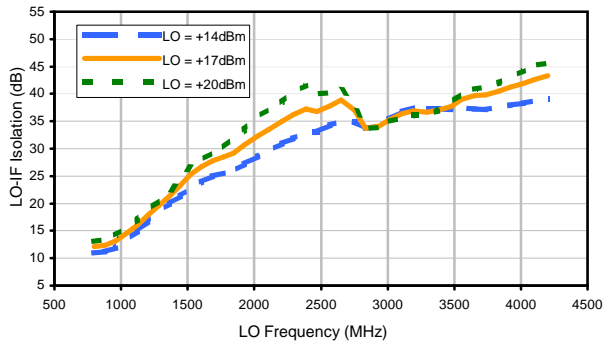


Typical Performance Curves

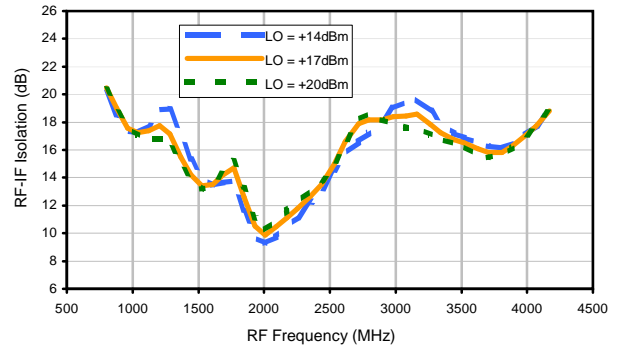
LO-RF Isolation



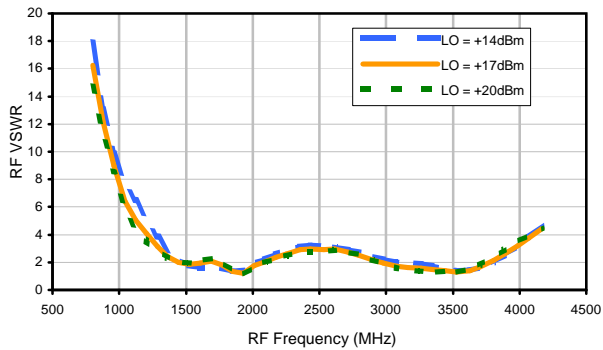
LO-IF Isolation



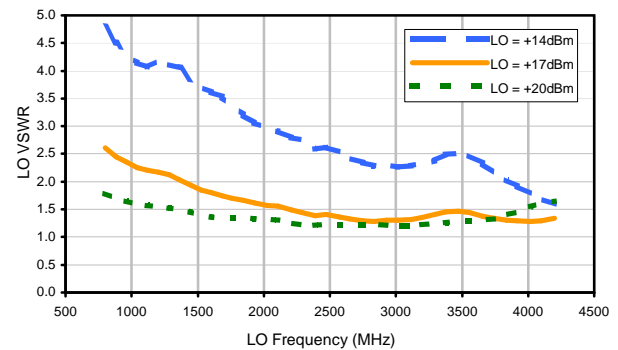
RF-IF Isolation



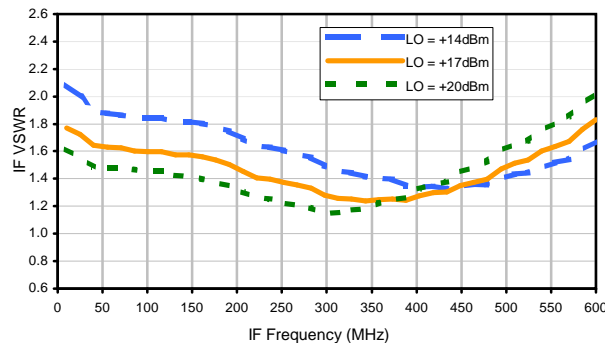
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	15	27	13	19	22	20	40	47	56	---
1	-	9	+0	27	31	45	29	34	54	48	53	56
2	>100	68	62	48	63	67	55	51	59	49	70	65
3	>100	>93	77	74	55	78	72	77	63	71	74	76
4	>100	82	>93	>93	>93	76	>93	91	91	82	93	81
5	>100	>93	>93	>93	>93	>93	86	>93	>93	>93	>93	>93
6	>100	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93
7	>100	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93
8	>100	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93
9	>100	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93
10	---	---	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 2550.1 MHz; -1.00 dBm.
 LO IN: 2580.01 MHz; +17.00 dBm
 IF OUT: 29.91 MHz; -7.27 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	25	36	23	32	34	36	58	65	65	---
1	-	9	+0	28	31	48	32	37	47	58	65	71
2	100	62	51	42	52	59	46	44	48	44	67	66
3	88	84	60	54	38	55	59	60	46	56	61	65
4	95	63	77	81	86	58	79	71	66	57	64	59
5	95	67	68	88	81	94	54	80	70	75	62	69
6	99	92	84	74	91	94	95	69	85	87	80	68
7	>100	92	89	89	90	97	95	87	69	90	86	87
8	>100	>103	>103	93	93	85	100	101	>103	79	98	93
9	>100	>103	>103	>103	102	102	97	>103	>103	102	81	102
10	---	---	>103	>103	>103	>103	>103	96	>103	>103	>103	86
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 2550.1 MHz; 9.00 dBm.
 LO IN: 2580.01 MHz; +17.00 dBm
 IF OUT: 29.91 MHz; 2.61 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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