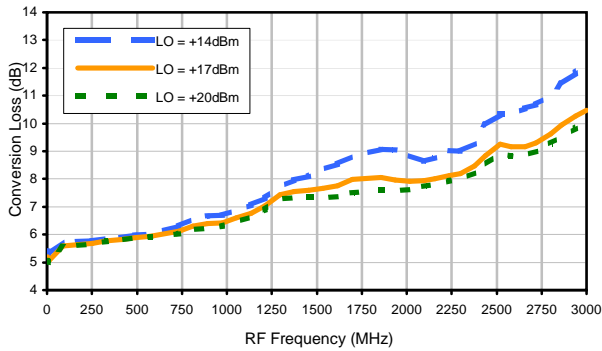
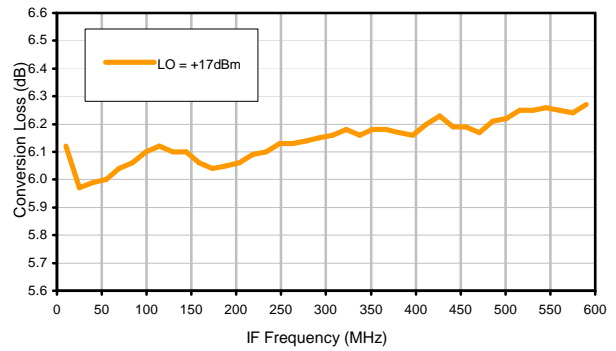


Typical Performance Curves

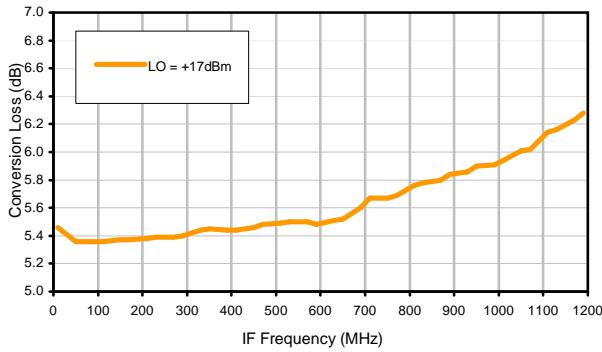
Conversion Loss @ IF=30MHz



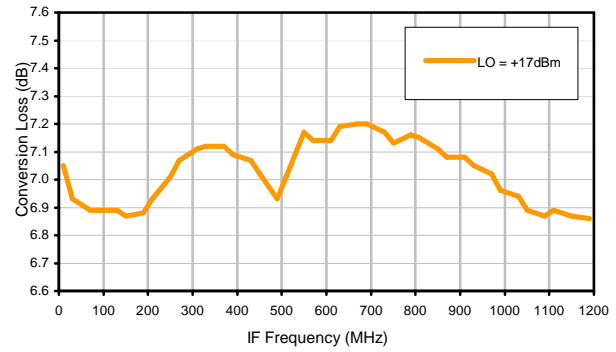
Conversion Loss vs. IF @ RF=600.1MHz



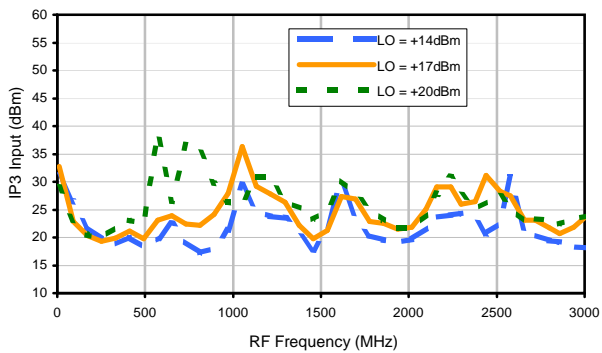
Conversion Loss vs. IF @ RF=10.1MHz



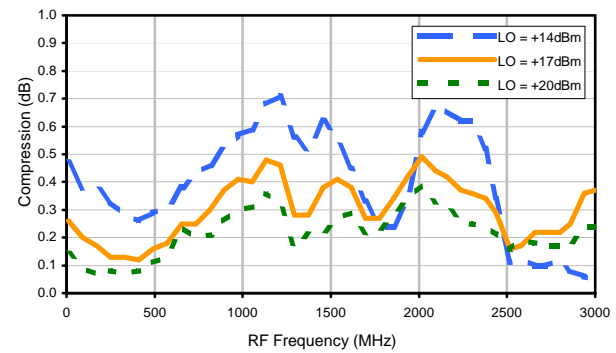
Conversion Loss vs. IF @ RF=1200.1MHz



IP3 Input

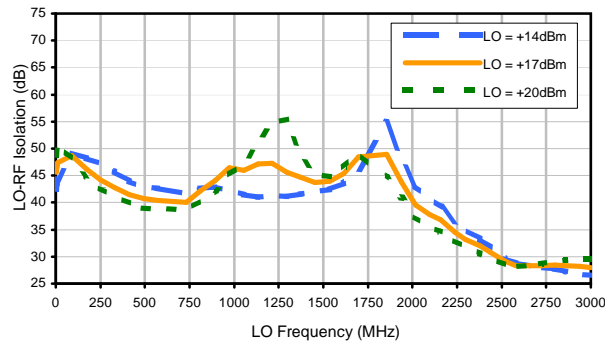


Compression @ RF IN=+10dBm

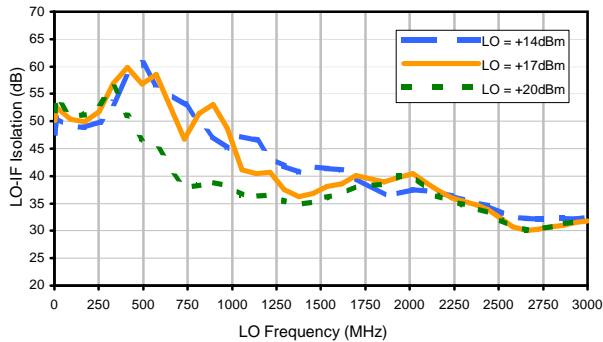


Typical Performance Curves

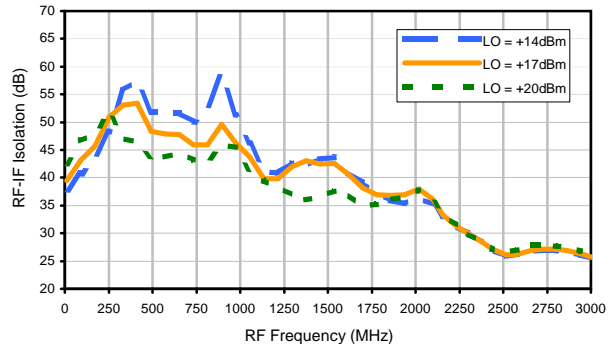
LO-RF Isolation



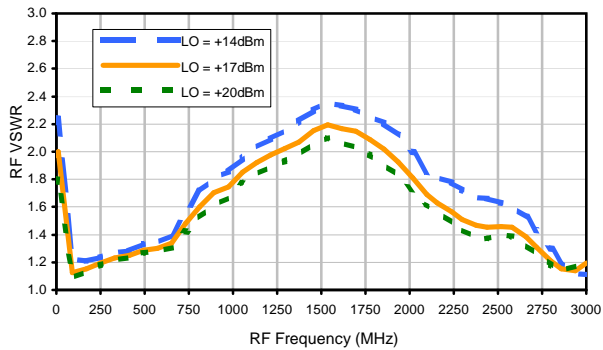
LO-IF Isolation



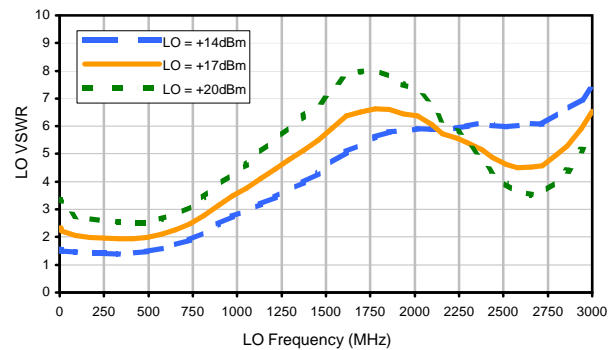
RF-IF Isolation



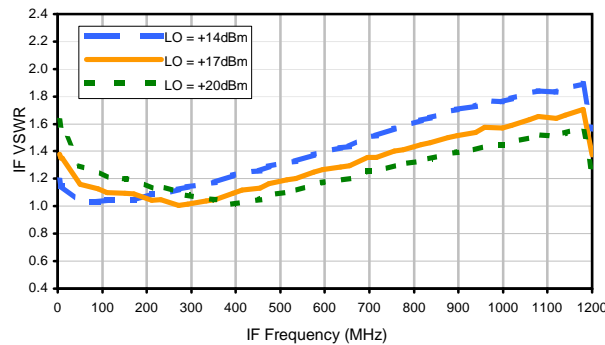
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	26	25	27	56	30	49	33	53	40	50
1	-	41	+0	42	12	53	23	46	34	48	40	53
2	80	55	35	49	36	56	37	71	46	61	58	65
3	>100	63	56	62	52	65	65	63	69	66	61	71
4	>100	77	53	76	53	79	53	62	54	73	62	69
5	>100	98	74	82	76	76	69	78	70	79	78	82
6	>100	88	72	90	66	82	64	81	62	75	62	86
7	>100	90	83	90	78	85	79	85	96	86	88	89
8	>100	94	81	92	79	91	75	86	74	85	74	83
9	>100	97	87	94	88	>99	82	93	81	97	78	>99
10	>100	>99	97	>99	95	>99	93	97	>99	>99	91	>99
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 600.1 MHz; 5.00 dBm.
 LO IN: 630.01 MHz; +17.00 dBm
 IF OUT: 29.91 MHz; -.97 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	23	15	14	42	19	35	23	43	29	39
1	-	42	+0	42	12	50	24	44	35	47	38	46
2	98	63	43	58	43	67	46	72	56	67	64	70
3	>100	75	73	86	82	>89	69	>89	68	86	68	83
4	>100	>89	79	>89	85	>89	82	>89	84	>89	83	>89
5	>100	>89	>89	>89	>89	88	89	>89	89	>89	>89	>89
6	>100	>89	>89	>89	>89	>89	>89	87	>89	>89	>89	>89
7	>100	>89	>89	>89	>89	>89	>89	>89	87	>89	>89	>89
8	>100	>89	>89	>89	>89	>89	>89	>89	>89	>89	>89	>89
9	>100	>89	>89	>89	>89	>89	>89	>89	>89	>89	>89	>89
10	>100	>89	>89	>89	>89	>89	>89	>89	>89	>89	>89	>89
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 600.1 MHz; -5.00 dBm.
 LO IN: 630.01 MHz; +17.00 dBm
 IF OUT: 29.91 MHz; -10.93 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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