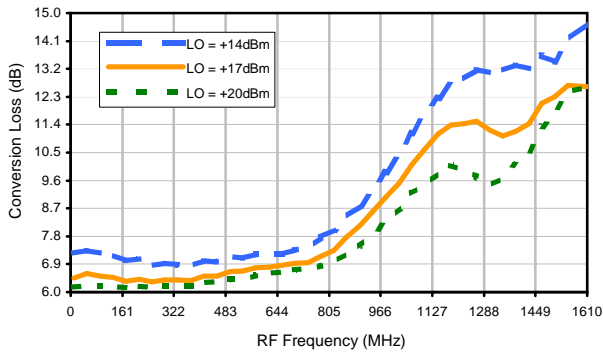
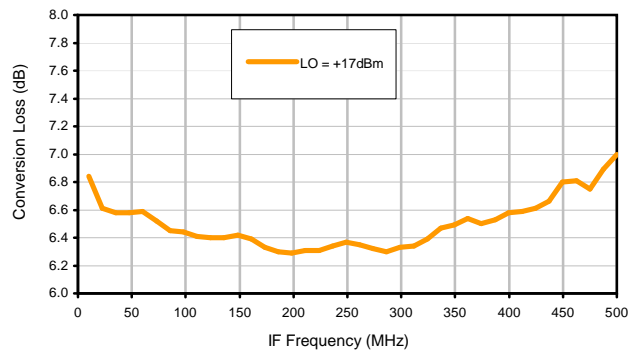


Typical Performance Curves

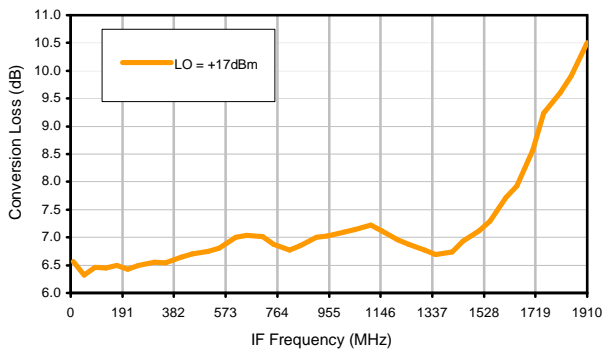
Conversion Loss @ IF=30MHz



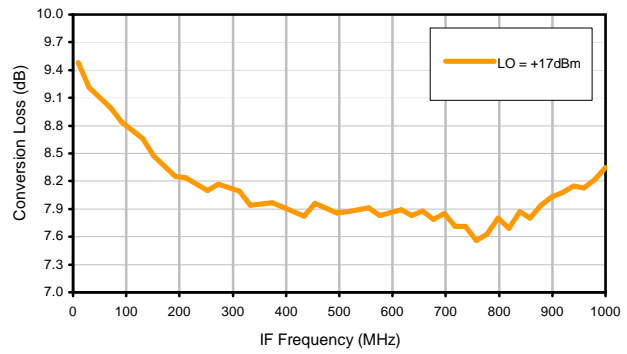
Conversion Loss vs. IF @ RF=510.1MHz



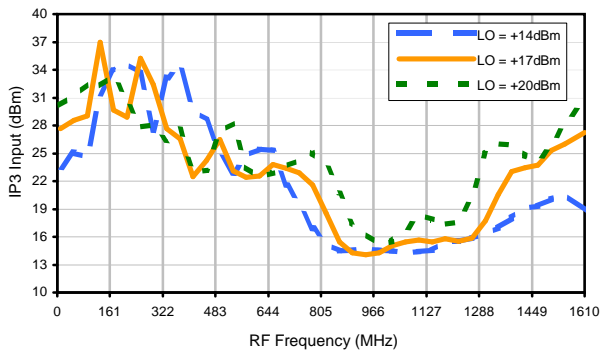
Conversion Loss vs. IF @ RF=10.1MHz



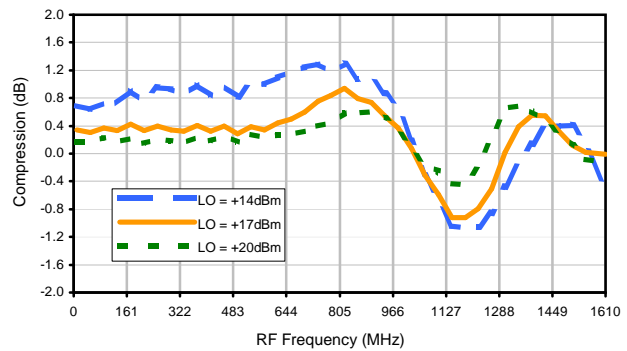
Conversion Loss vs. IF @ RF=1010.1MHz



IP3 Input

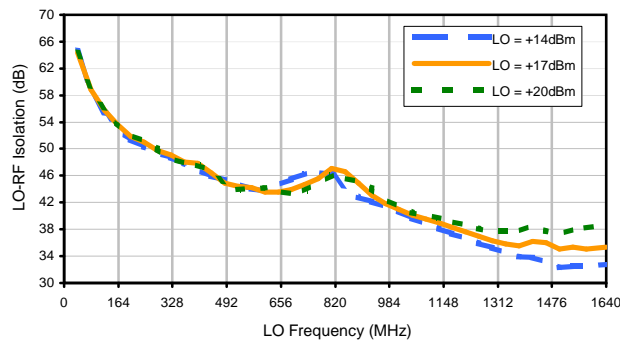


Compression @ RF IN=+14dBm

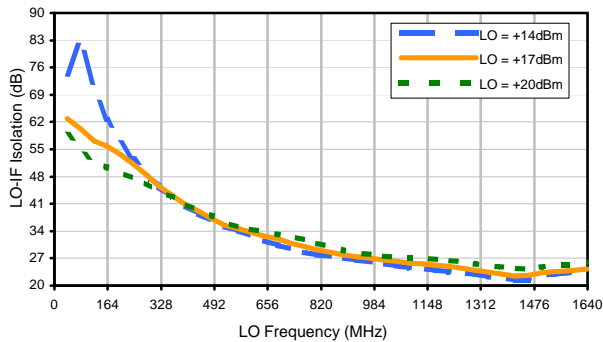


Typical Performance Curves

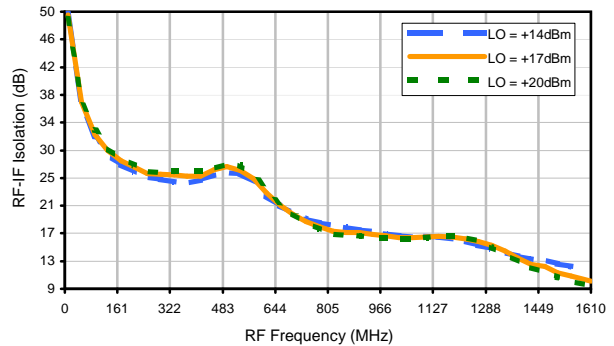
LO-RF Isolation



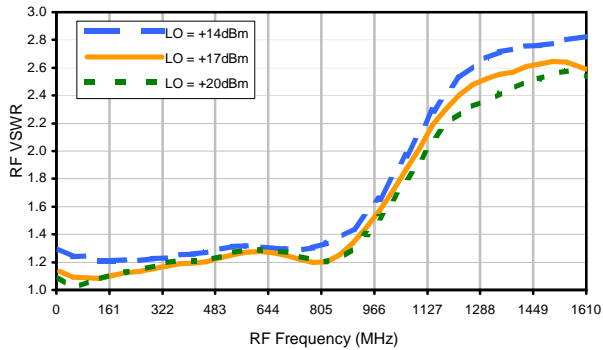
LO-IF Isolation



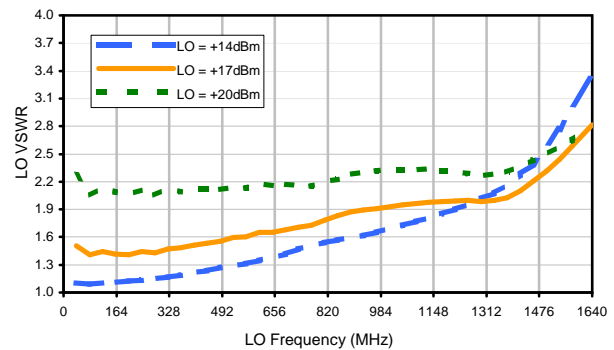
RF-IF Isolation



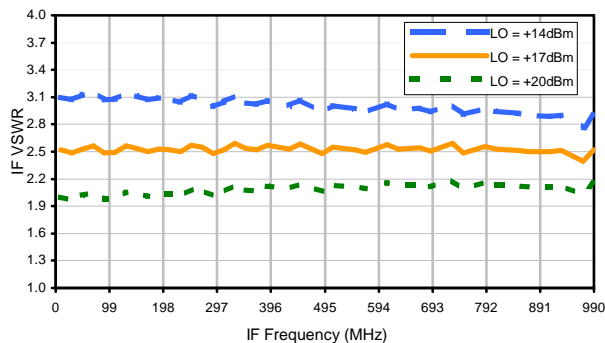
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	11	21	13	44	31	38	29	42	43	55
1	-	19	+0	32	13	32	33	35	36	31	37	43
2	66	59	48	59	48	60	47	57	63	65	58	58
3	>90	68	63	69	57	65	52	61	54	73	65	76
4	>90	>82	81	>82	>82	>82	>82	>82	80	>82	>82	>82
5	>90	>82	>82	>82	>82	>82	>82	>82	79	>82	>82	>82
6	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
7	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
8	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
9	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
10	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 500 MHz; -1.00 dBm.
 LO IN: 530 MHz; +17.00 dBm
 IF OUT: 30 MHz; -7.76 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	21	31	26	57	44	49	44	46	60	68
1	-	20	+0	30	13	35	29	40	44	37	51	47
2	46	57	42	57	40	57	39	54	54	63	51	78
3	71	60	49	65	51	51	42	53	46	53	52	47
4	>90	69	58	62	57	61	58	60	58	63	71	66
5	>90	68	58	58	53	61	50	57	48	56	54	87
6	>90	86	78	76	75	74	70	71	66	69	65	76
7	>90	75	>92	88	69	70	70	68	67	68	63	67
8	>90	89	>92	>92	>92	88	86	80	76	77	75	75
9	>90	>92	>92	>92	>92	88	81	79	79	77	78	76
10	>90	>92	>92	>92	>92	>92	>92	90	90	84	84	80
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 500 MHz; 9.00 dBm.
 LO IN: 530 MHz; +17.00 dBm
 IF OUT: 30 MHz; 2.31 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.