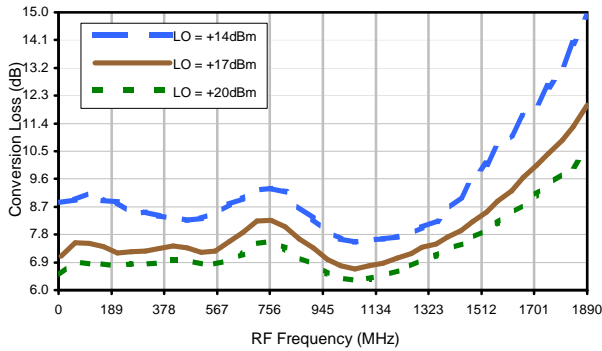
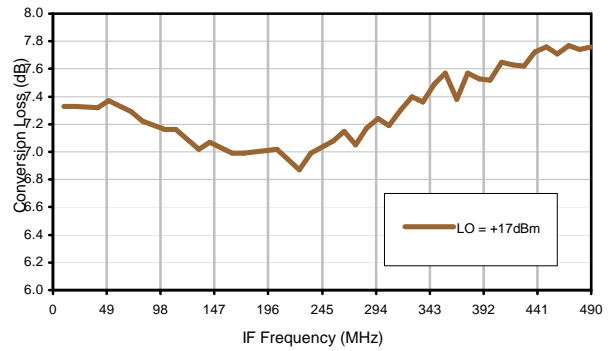


Typical Performance Curves

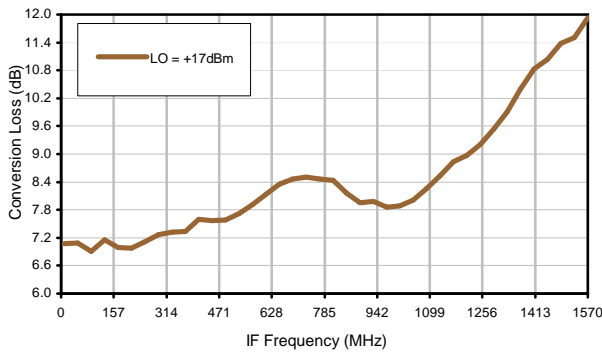
Conversion Loss @ IF=30MHz



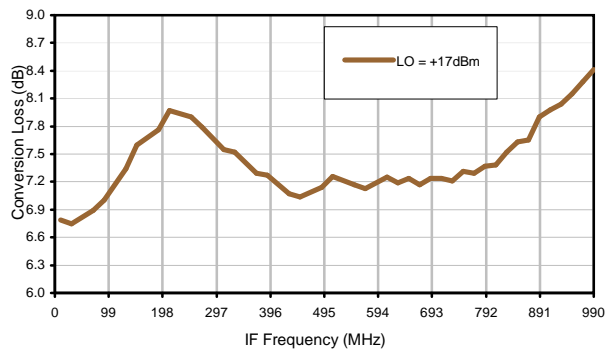
Conversion Loss vs. IF @ RF=500.1MHz



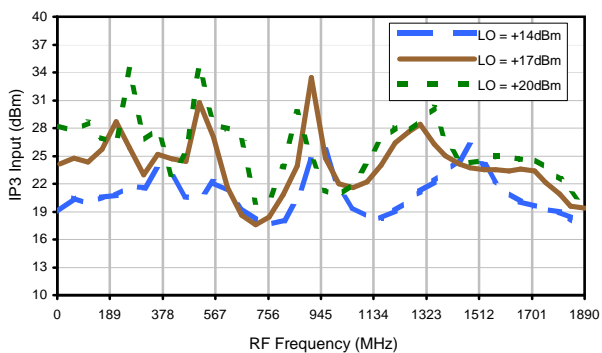
Conversion Loss vs. IF @ RF=10MHz



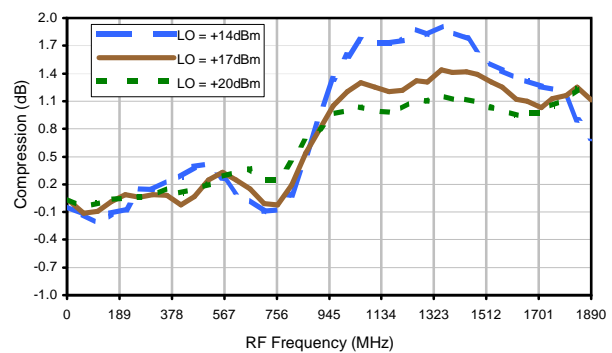
Conversion Loss vs. IF @ RF=1000.1MHz



IP3 Input

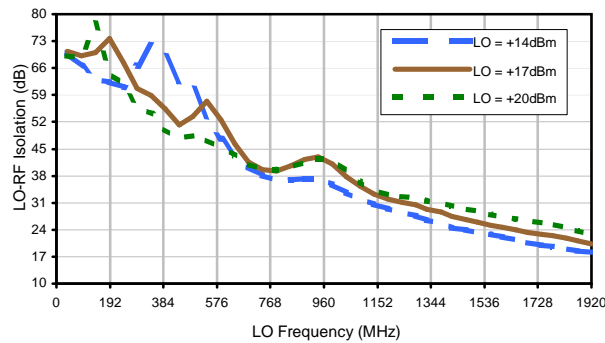


Compression @ RF IN=+14dBm

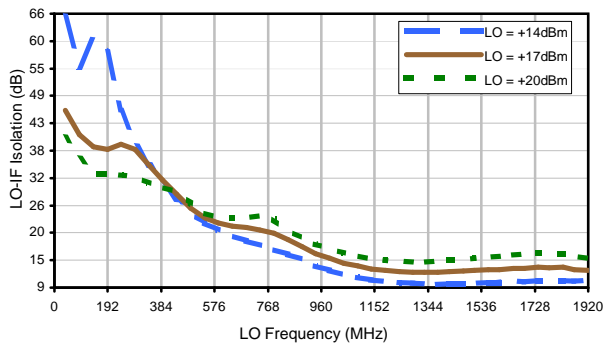


Typical Performance Curves

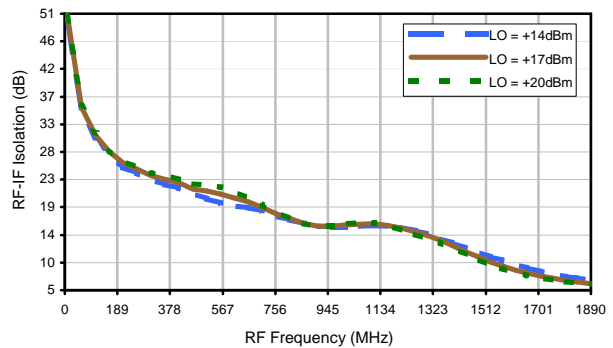
LO-RF Isolation



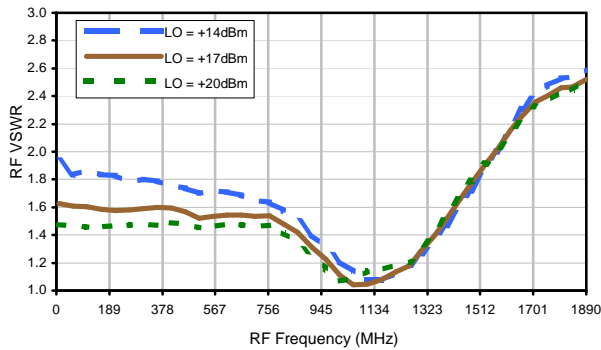
LO-IF Isolation



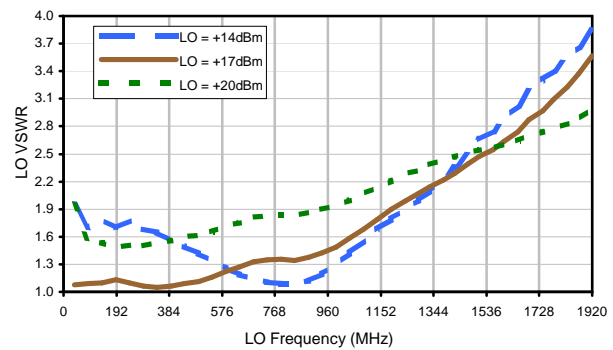
RF-IF Isolation



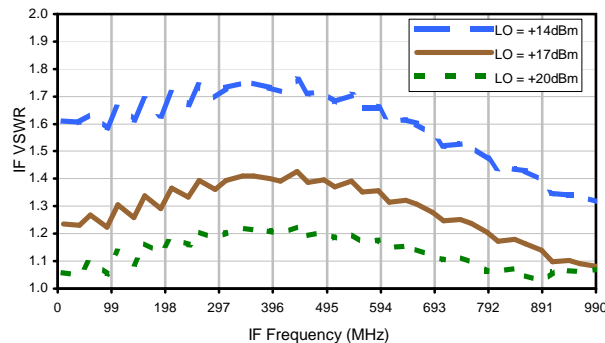
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+1	15	+2	19	16	41	28	49	37	52
1	-	15	+0	46	16	34	32	43	42	61	47	68
2	67	51	34	56	35	53	37	59	52	60	56	68
3	>90	69	68	69	60	69	59	>82	71	>82	80	>82
4	>90	>82	73	>82	73	76	73	76	74	>82	80	>82
5	>90	>82	>82	>82	>82	>82	>82	>82	>82	>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; -8.22 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	9	26	10	29	28	51	43	59	60	64
1	-	15	+0	39	17	35	35	44	42	64	55	73
2	47	41	27	47	26	61	29	49	42	55	58	67
3	70	49	81	49	55	52	47	56	54	62	58	76
4	>90	71	52	63	51	56	68	61	59	66	61	64
5	>90	68	62	64	60	66	56	72	62	87	72	77
6	>90	83	78	74	68	70	62	67	62	69	64	75
7	>90	>92	>92	83	76	86	73	81	76	78	75	80
8	>90	>92	>92	90	86	87	76	84	77	89	84	>92
9	>90	>92	>92	>92	>92	>92	86	82	88	80	82	86
10	>90	>92	>92	>92	>92	>92	>92	>92	>92	>92	90	86
	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; 1.74 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.