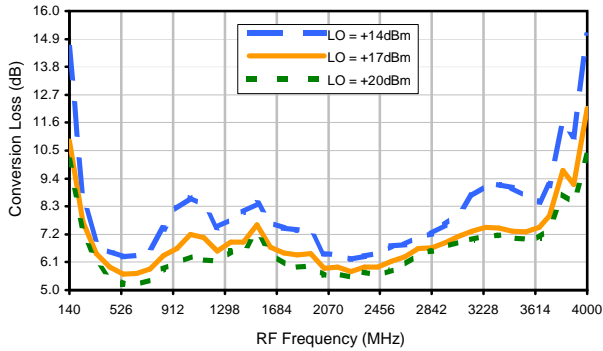
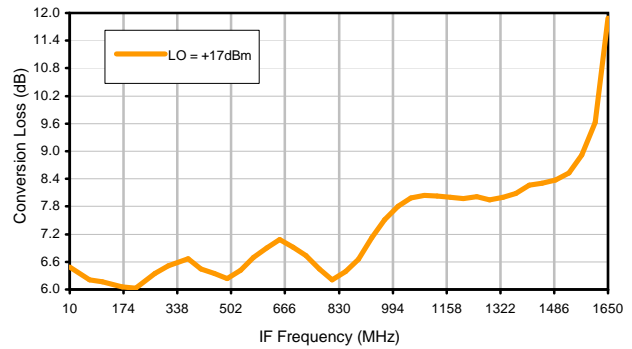


Typical Performance Curves

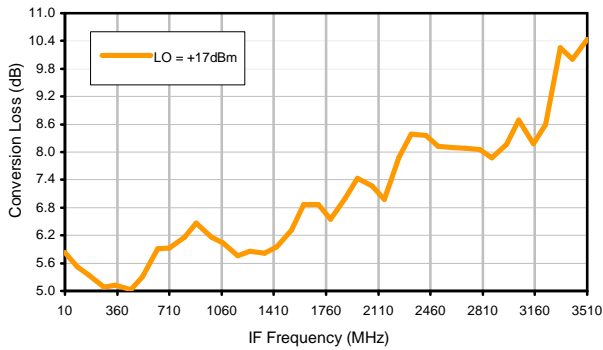
Conversion Loss @ IF=30MHz



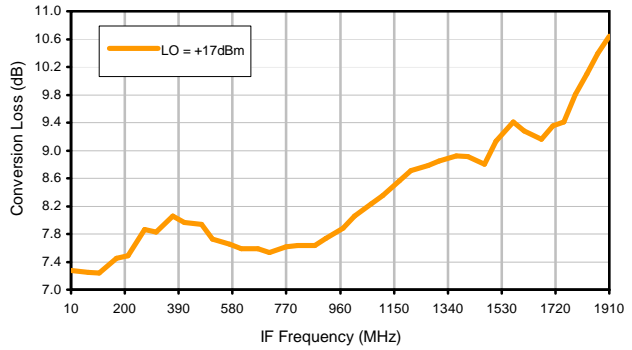
Conversion Loss vs. IF @ RF=1760.1MHz



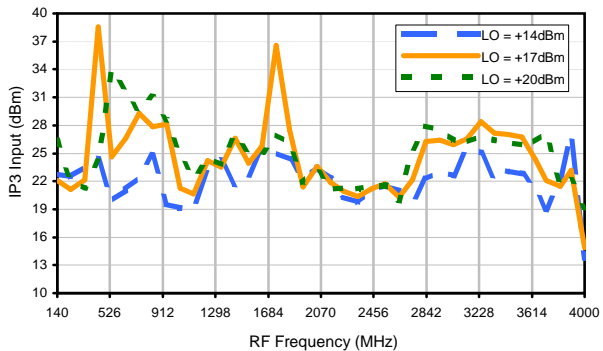
Conversion Loss vs. IF @ RF=489.9MHz



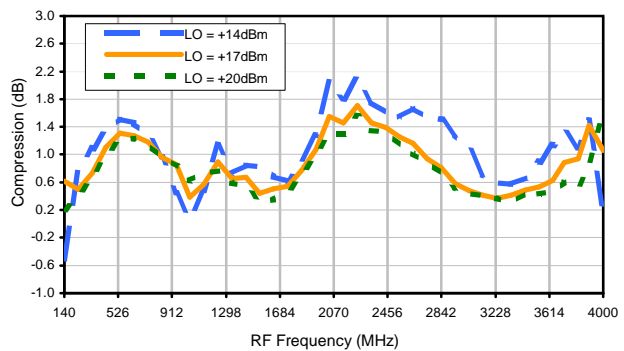
Conversion Loss vs. IF @ RF=3510.1MHz



IP3 Input

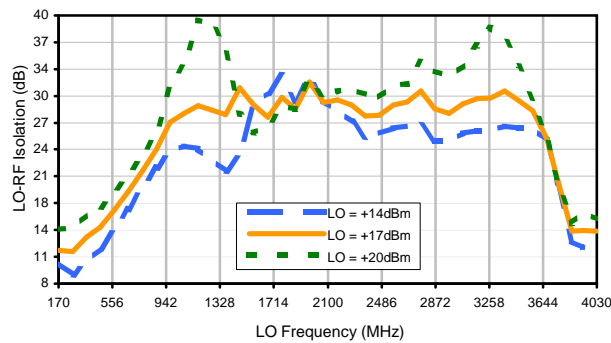


Compression @ RF IN=+14dBm

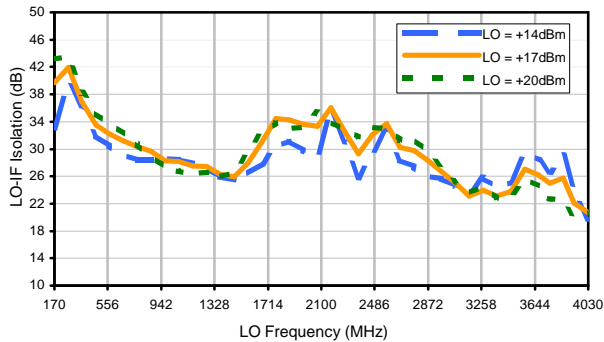


Typical Performance Curves

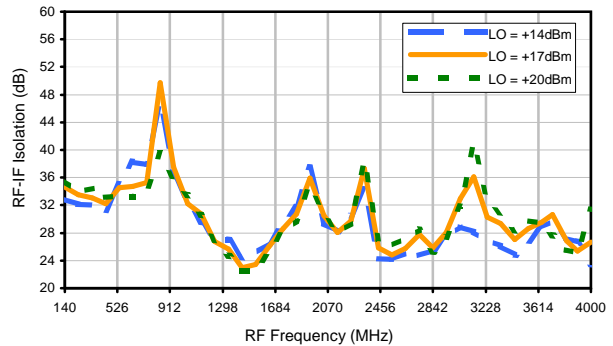
LO-RF Isolation



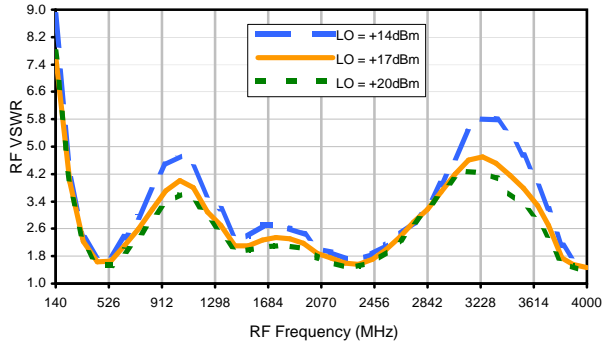
LO-IF Isolation



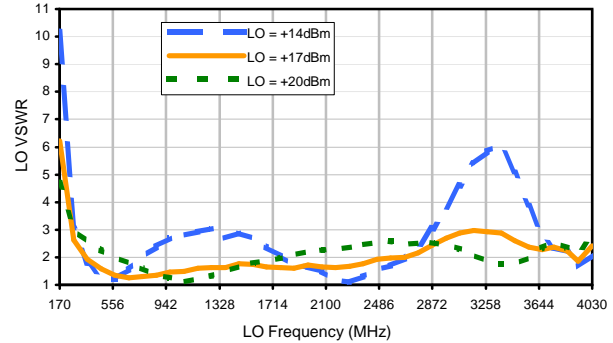
RF-IF Isolation



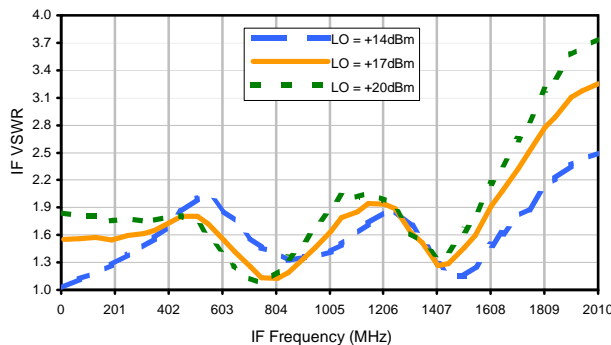
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	8	12	7	27	14	38	26	55	39	54
1	-	31	+0	33	14	48	31	36	44	46	71	53
2	61	48	50	49	52	57	45	57	52	67	56	72
3	>90	66	61	66	62	75	68	71	68	73	78	77
4	>90	>83	>83	>83	>83	83	81	80	79	82	>83	>83
5	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
6	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
7	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
8	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
9	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
10	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

Test conditions: RF IN: 2000 MHz; -1.00 dBm.
 LO IN: 2030 MHz; +17.00 dBm
 IF OUT: 30 MHz; -7 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	19	21	19	37	26	51	40	77	56	68
1	-	29	+0	32	15	47	31	41	47	51	68	56
2	41	43	39	43	38	51	37	49	40	59	51	69
3	70	45	41	44	38	50	43	49	51	56	61	65
4	>90	55	56	56	64	62	57	70	55	79	59	67
5	>90	64	61	59	61	63	57	63	63	72	63	72
6	>90	86	77	69	72	77	72	70	63	70	69	68
7	>90	86	88	82	79	71	72	70	67	72	73	80
8	>90	>93	>93	>93	92	80	81	80	88	77	73	74
9	>90	>93	>93	>93	>93	>93	92	81	82	76	78	90
10	>90	>93	>93	>93	>93	>93	93	86	86	>93	90	85
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 2000 MHz; 9.00 dBm.
 LO IN: 2030 MHz; +17.00 dBm
 IF OUT: 30 MHz; 2.89 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.