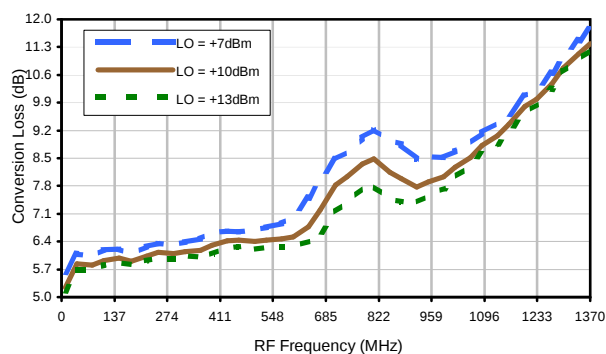
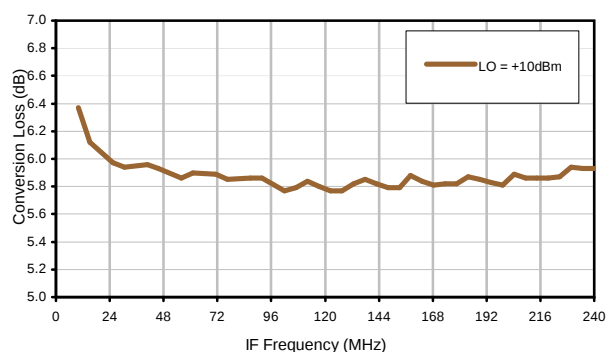


Typical Performance Curves

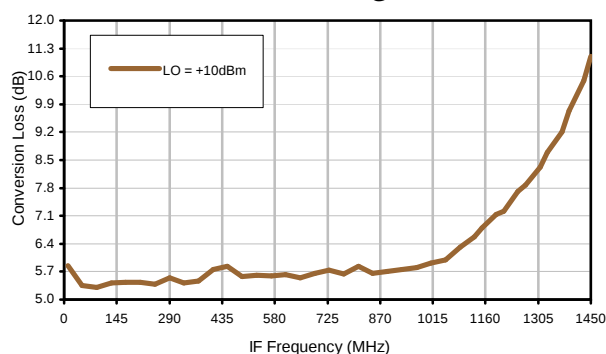
Conversion Loss @ IF=30MHz



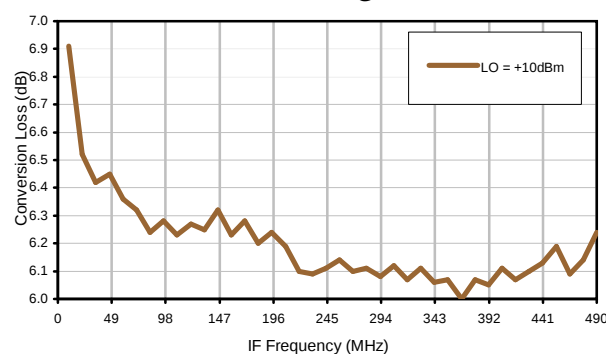
Conversion Loss vs. IF @ RF=250.1MHz



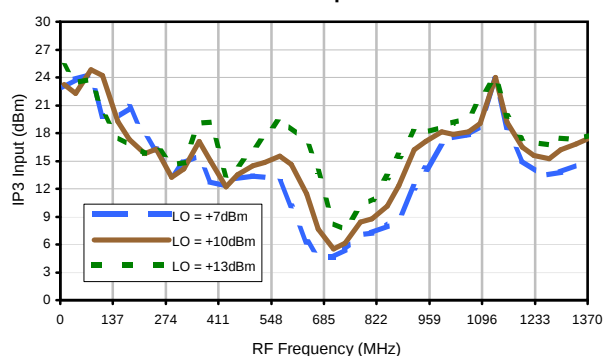
Conversion Loss vs. IF @ RF=10.1MHz



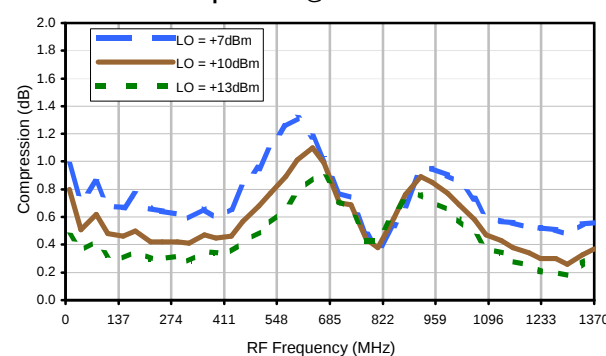
Conversion Loss vs. IF @ RF=500.1MHz



IP3 Input

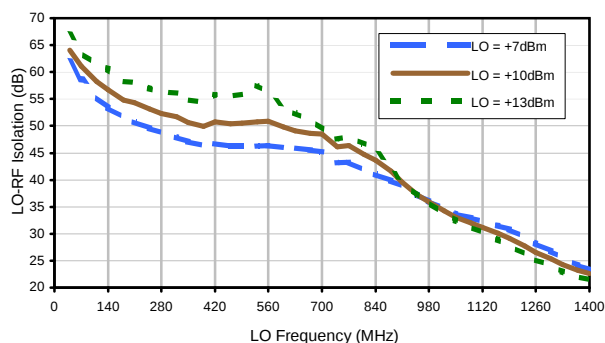


Compression @ RF IN=+4dBm

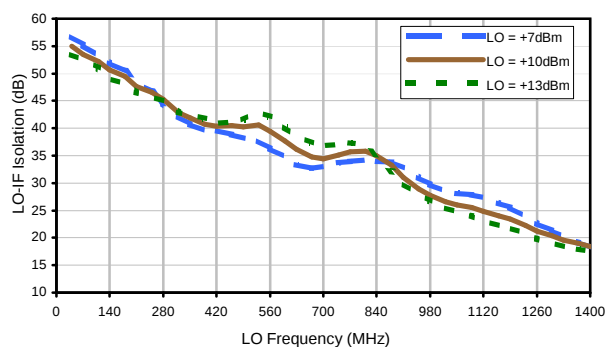


Typical Performance Curves

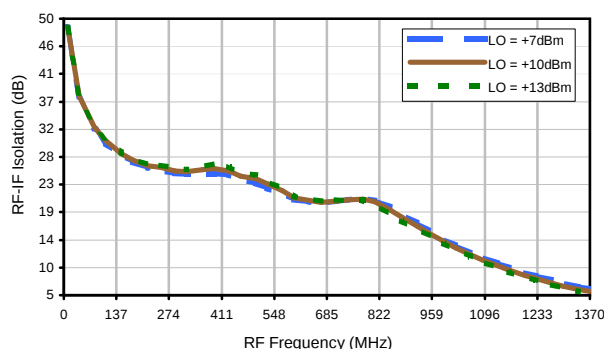
LO-RF Isolation



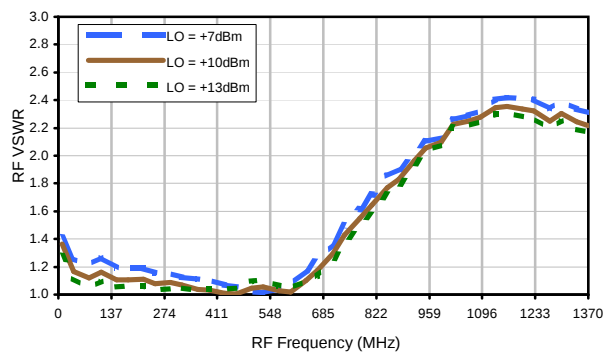
LO-IF Isolation



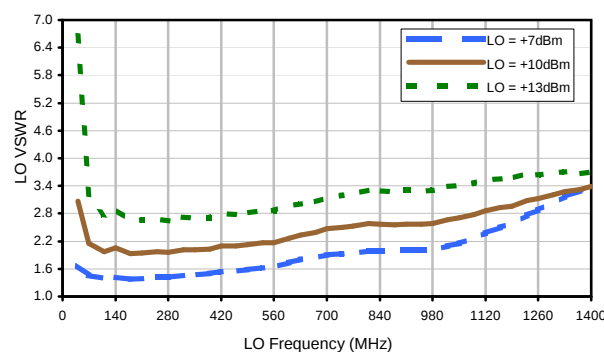
RF-IF Isolation



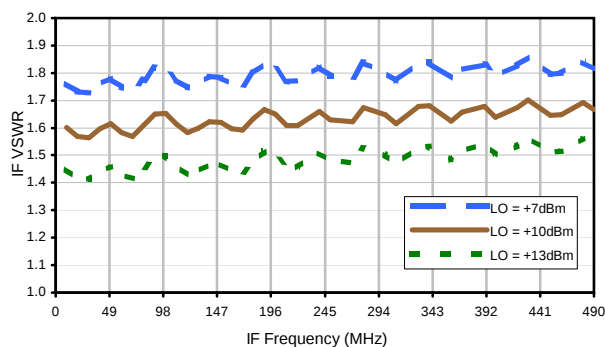
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	17	34	19	29	18	34	25	36	27	47
1	-	16	+0	34	11	32	18	32	37	39	41	41
2	87	>72	53	71	54	>72	55	67	58	68	59	70
3	>90	70	63	68	61	71	59	71	59	>72	66	>72
4	>90	>72	>72	>72	>72	>72	>72	>72	>72	>72	>72	>72
5	>90	>72	>72	>72	>72	>72	>72	>72	>72	>72	>72	>72
6	>90	>72	>72	>72	>72	>72	>72	>72	>72	>72	>72	>72
7	>90	>72	>72	>72	>72	>72	>72	>72	>72	>72	>72	>72
8	>90	>72	>72	>72	>72	>72	>72	>72	>72	>72	>72	>72
9	>90	>72	>72	>72	>72	>72	>72	>72	>72	>72	>72	>72
10	>90	>72	>72	>72	>72	>72	>72	>72	>72	>72	>72	>72
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions: RF IN: 250 MHz; -11.00 dBm.
LO IN: 280 MHz; +10.00 dBm
IF OUT: 30 MHz; -18.39 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	24	36	28	44	26	40	33	46	37	68
1	-	7	+0	20	11	34	19	36	33	38	43	41
2	68	64	49	56	48	65	50	76	52	58	51	62
3	>90	44	53	43	43	45	52	44	48	46	55	53
4	>90	>80	69	78	74	71	70	71	76	70	>80	77
5	>90	65	68	64	67	62	62	62	61	62	60	68
6	>90	>80	>80	>80	>80	>80	>80	79	>80	79	>80	77
7	>90	>80	>80	>80	>80	>80	77	77	78	77	76	75
8	>90	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
9	>90	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
10	>90	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions: RF IN: 250 MHz; -1.00 dBm.
LO IN: 280 MHz; +10.00 dBm
IF OUT: 30 MHz; -10.31 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.