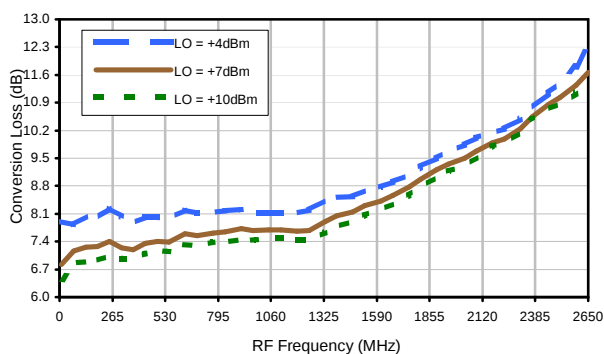
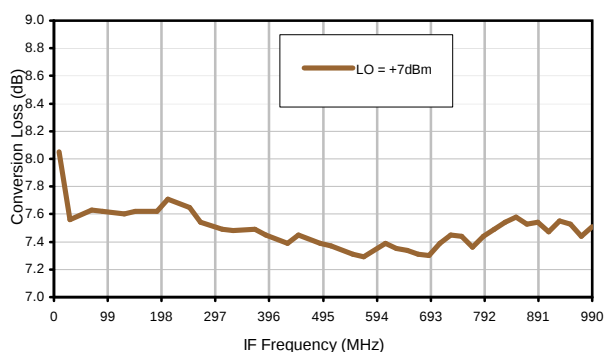


Typical Performance Curves

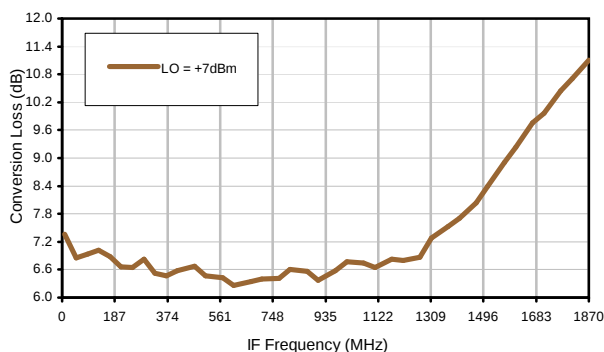
Conversion Loss @ IF=30MHz



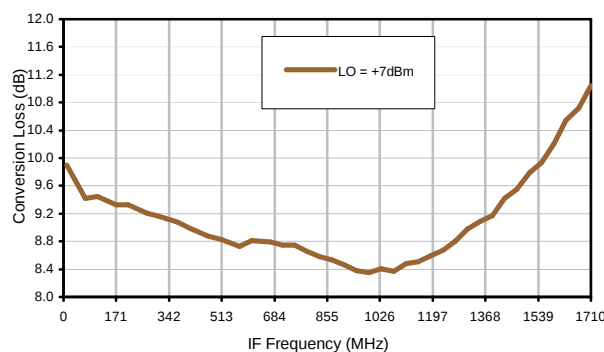
Conversion Loss vs. IF @ RF=1010.1MHz



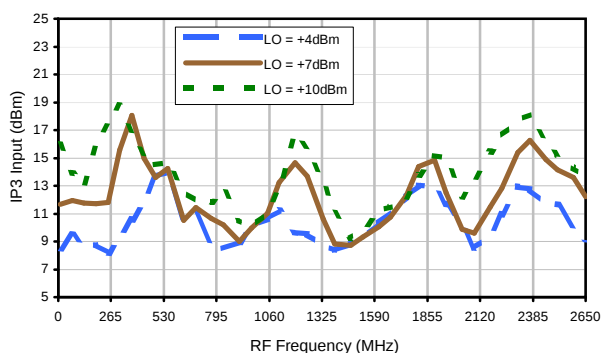
Conversion Loss vs. IF @ RF=10.1MHz



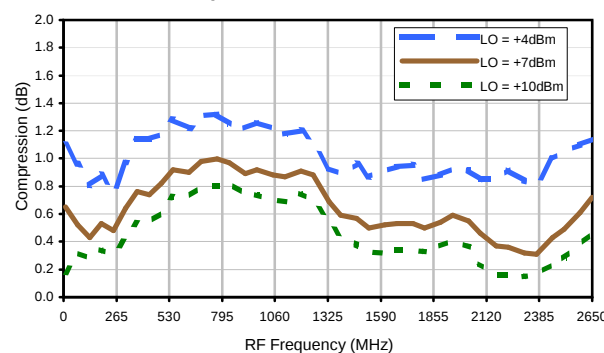
Conversion Loss vs. IF @ RF=2000.1MHz



IP3 Input

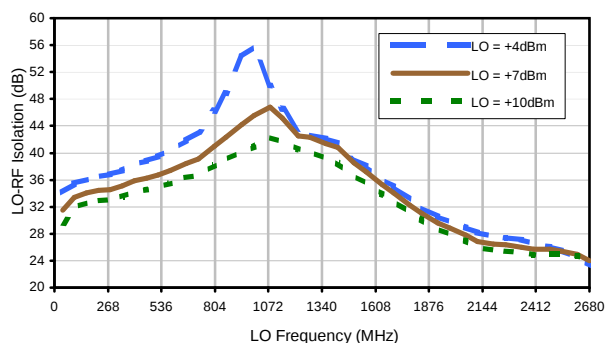


Compression @ RF IN=+1dBm

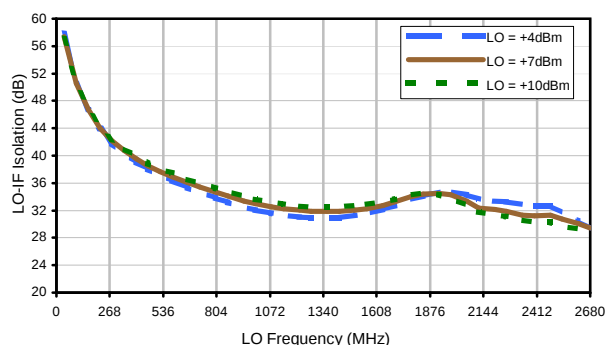


Typical Performance Curves

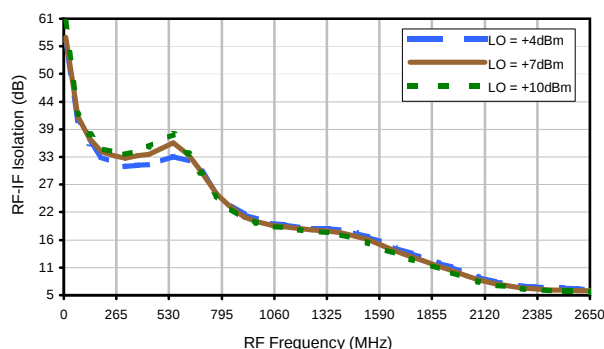
LO-RF Isolation



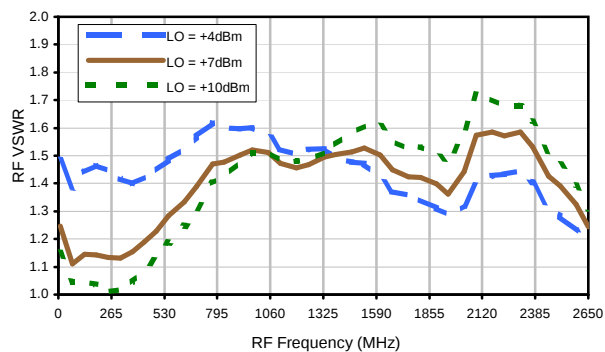
LO-IF Isolation



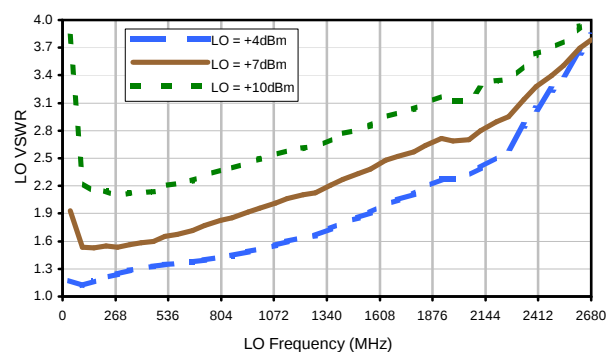
RF-IF Isolation



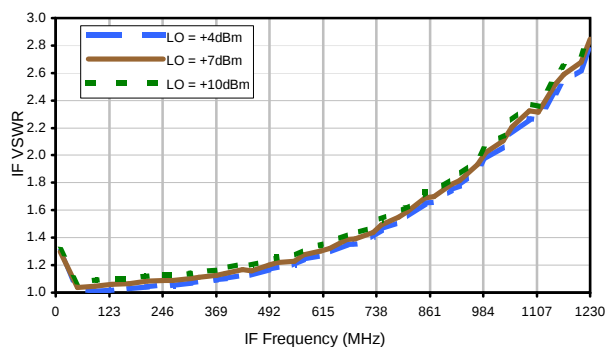
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	4	23	16	43	14	37	40	51	47	55
1	-	12	+0	27	19	23	32	28	42	34	51	44
2	87	>68	63	61	59	68	56	67	43	66	60	>68
3	>90	53	59	59	58	65	59	54	65	60	67	61
4	>90	>68	>68	>68	>68	>68	>68	>68	>68	>68	>68	>68
5	>90	>68	>68	>68	>68	>68	>68	>68	>68	>68	>68	>68
6	>90	>68	>68	>68	>68	>68	>68	>68	>68	>68	>68	>68
7	>90	>68	>68	>68	>68	>68	>68	>68	>68	>68	>68	>68
8	>90	>68	>68	>68	>68	>68	>68	>68	>68	>68	>68	>68
9	>90	>68	>68	>68	>68	>68	>68	>68	>68	>68	>68	>68
10	>90	>68	>68	>68	>68	>68	>68	>68	>68	>68	>68	>68
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions: RF IN: 1000.1 MHz; -14.00 dBm.
LO IN: 1030.1 MHz; +7.00 dBm
IF OUT: 30 MHz; -21.6 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	14	33	28	50	28	53	56	65	57	73
1	-	12	+0	29	19	28	36	35	58	47	64	64
2	68	55	55	63	59	63	51	65	40	64	63	74
3	>90	36	43	45	38	51	48	39	52	45	61	51
4	>90	73	69	>78	72	69	68	78	65	72	53	73
5	>90	71	69	57	59	61	52	61	58	53	64	58
6	>90	>78	>78	>78	>78	>78	>78	77	>78	>78	77	>78
7	>90	77	>78	76	>78	70	>78	74	66	69	72	64
8	>90	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78
9	>90	>78	>78	>78	>78	>78	>78	>78	>78	>78	75	>78
10	>90	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions: RF IN: 1000.1 MHz; -4.00 dBm.
LO IN: 1030.1 MHz; +7.00 dBm
IF OUT: 30 MHz; -11.66 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.