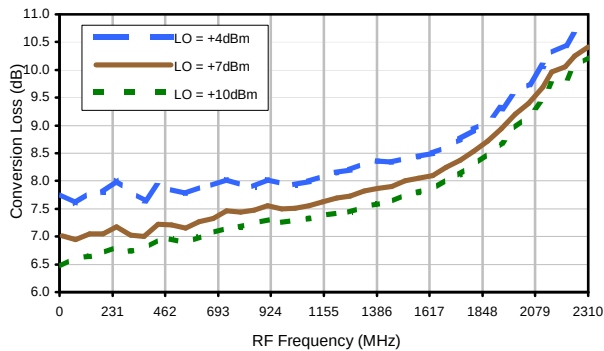
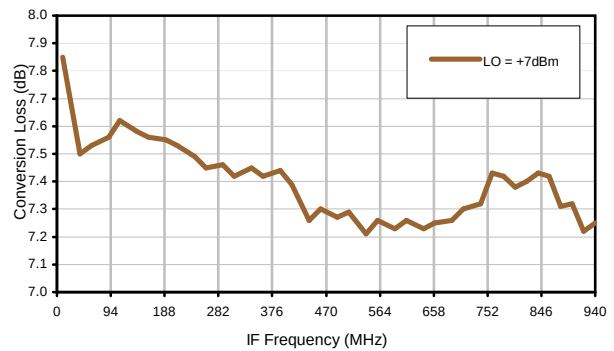


Typical Performance Curves

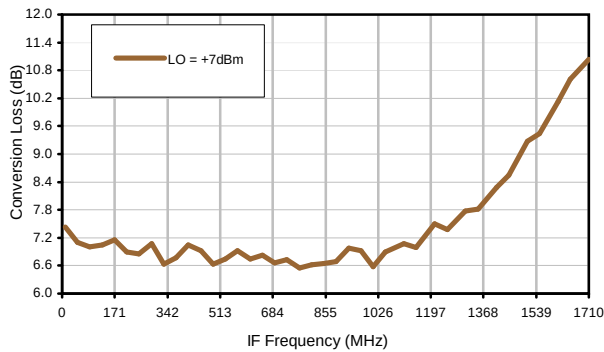
Conversion Loss @ IF=30MHz



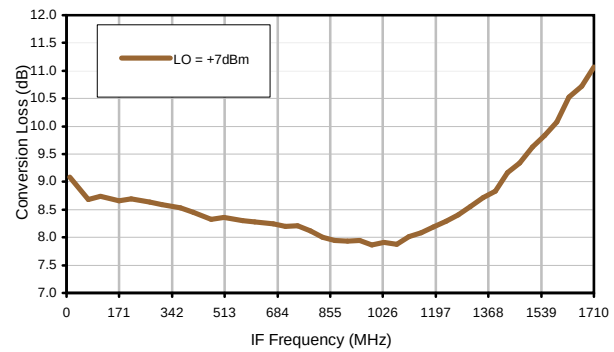
Conversion Loss vs. IF @ RF=950.1MHz



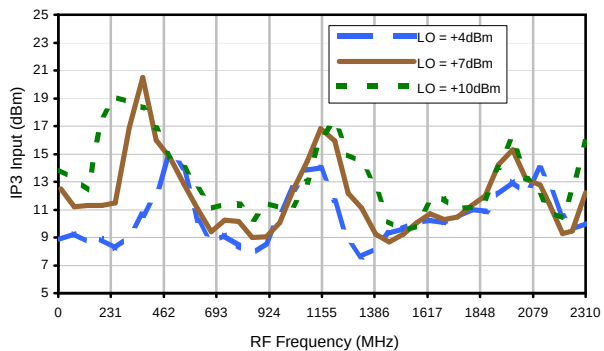
Conversion Loss vs. IF @ RF=10.1MHz



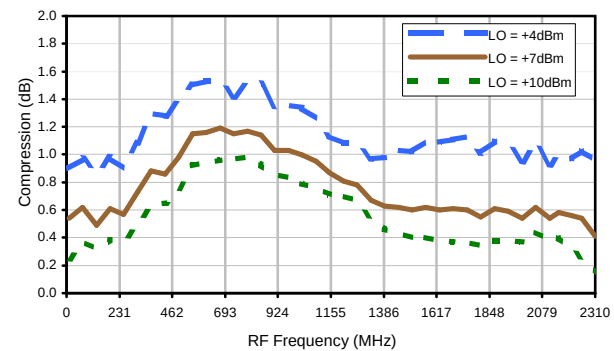
Conversion Loss vs. IF @ RF=1900.1MHz



IP3 Input

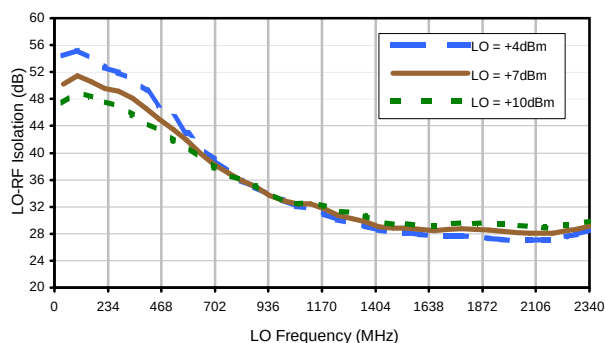


Compression @ RF IN=+1dBm

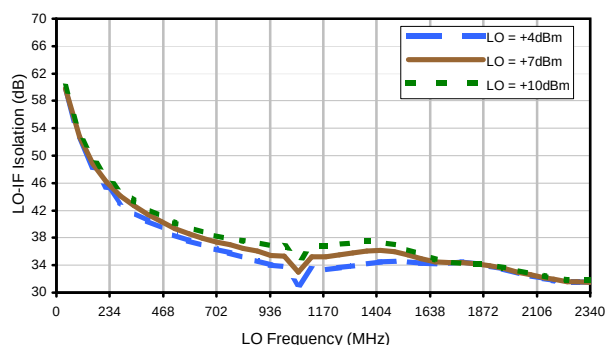


Typical Performance Curves

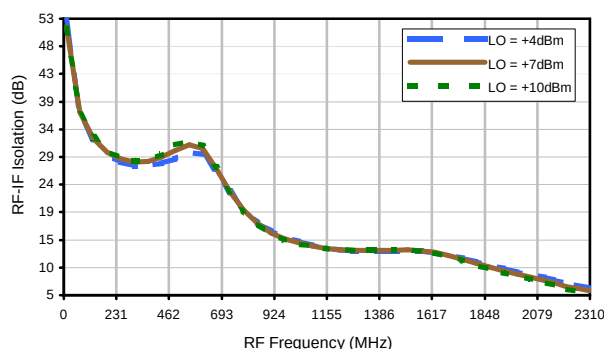
LO-RF Isolation



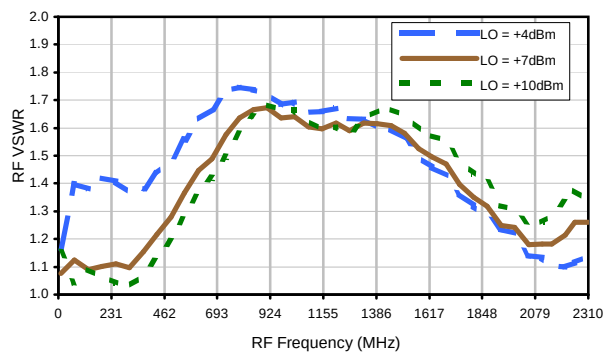
LO-IF Isolation



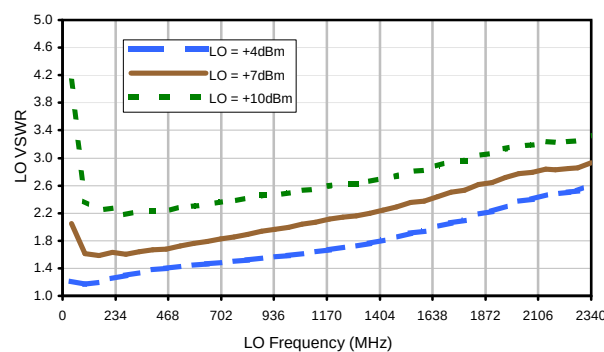
RF-IF Isolation



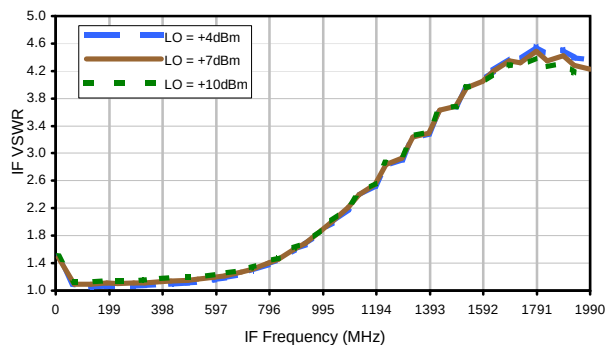
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	7	20	25	28	14	32	27	40	41	45
1	-	7	+0	25	22	22	29	27	39	35	41	46
2	88	68	60	63	55	56	52	>68	43	56	50	60
3	>90	56	62	>68	60	66	61	55	64	60	66	62
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: 1005.1 MHz; -14.00 dBm.
LO IN: 1035.1 MHz; +7.00 dBm
IF OUT: 30 MHz; -21.53 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	17	30	36	39	29	56	45	63	62	69
1	-	7	+0	26	22	26	33	34	55	47	58	78
2	68	51	51	51	62	54	50	57	40	56	52	65
3	>90	38	45	51	39	47	50	40	47	45	56	51
4	>90	69	76	71	66	65	62	62	60	69	51	62
5	>90	76	69	64	63	60	58	60	56	55	61	59
6	>90	77	77	>78	>78	>78	69	78	68	74	70	71
7	>90	>78	>78	>78	>78	75	>78	68	74	66	71	67
8	>90	>78	>78	>78	>78	>78	>78	>78	77	>78	78	>78
9	>90	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78	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: 1005.1 MHz; -4.00 dBm.
LO IN: 1035.1 MHz; +7.00 dBm
IF OUT: 30 MHz; -11.63 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.