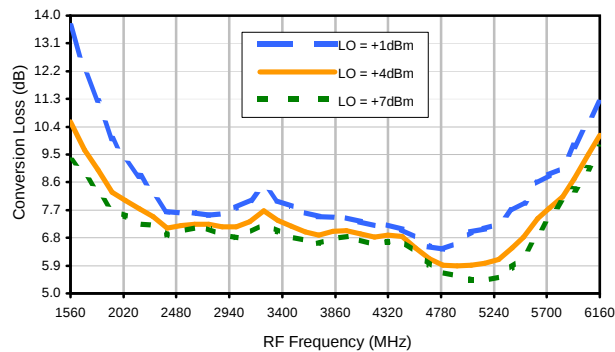
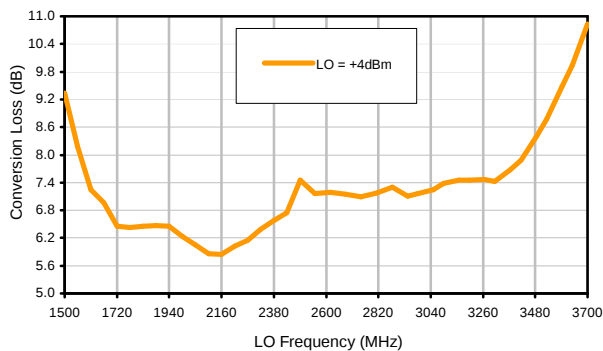


Typical Performance Curves

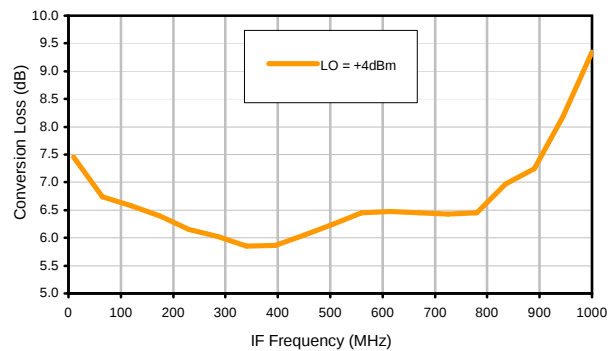
Conversion Loss @ IF=30MHz



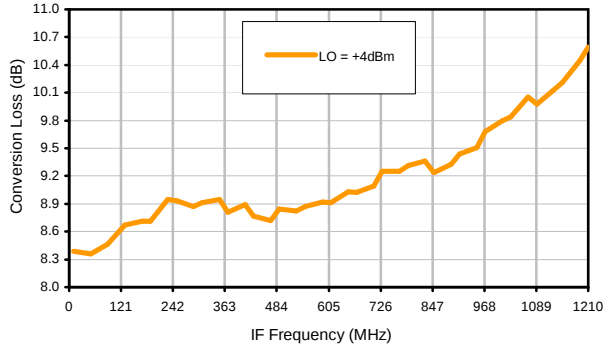
Conversion Loss vs. LO @ RF=2500MHz



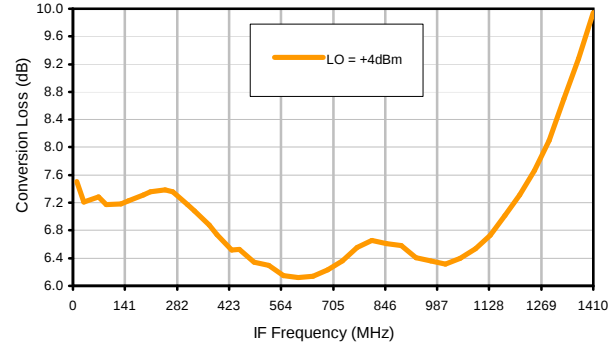
Conversion Loss vs. IF @ RF=2500MHz



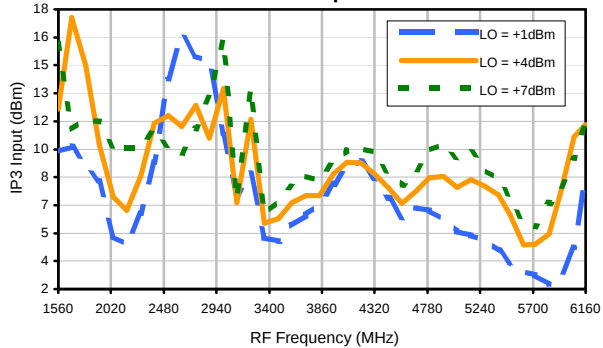
Conversion Loss vs. IF @ RF=1989.9MHz



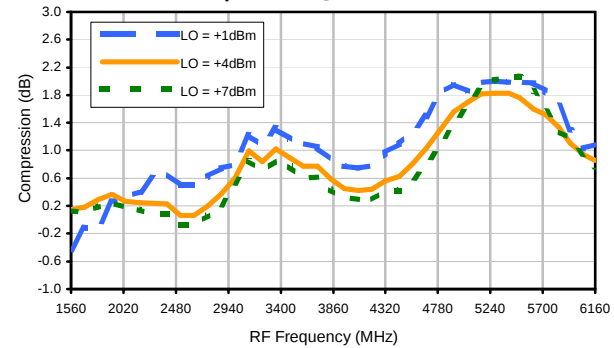
Conversion Loss vs. IF @ RF=3010.1MHz



IP3 Input

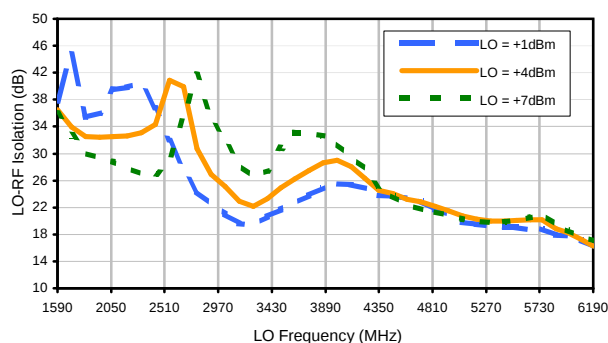


Compression @ RF IN=0dBm

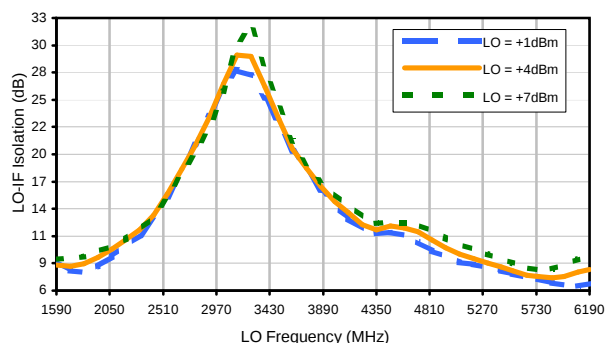


Typical Performance Curves

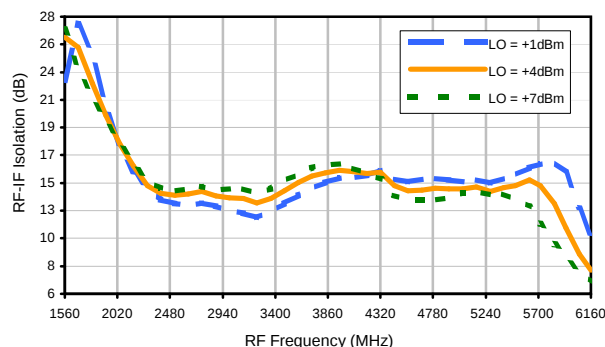
LO-RF Isolation



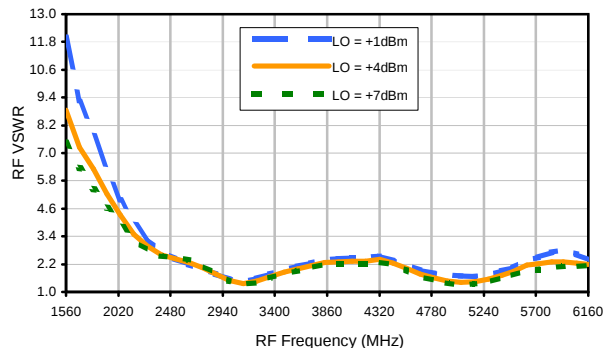
LO-IF Isolation



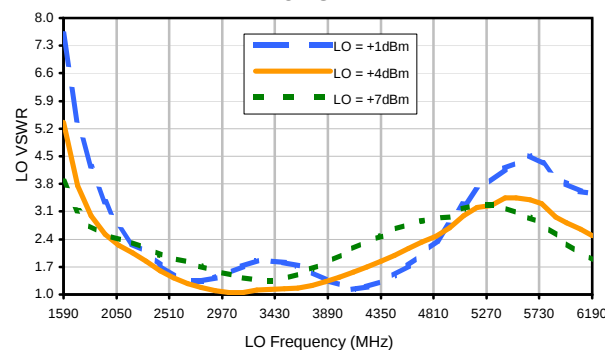
RF-IF Isolation



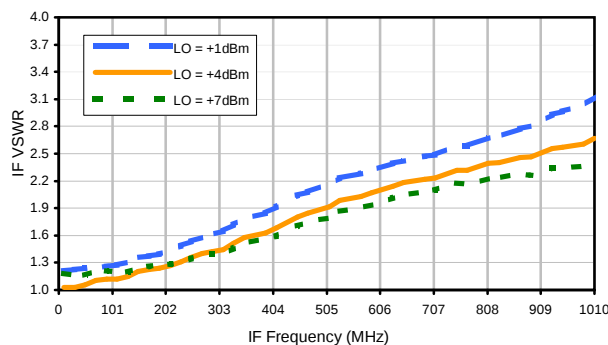
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+11	1	4	26	25	22	27	43	47	---
1	-	7	+0	16	12	37	36	38	36	46	50	50
2	>90	39	49	37	46	43	44	50	54	50	55	>68
3	>90	>68	>68	62	61	58	57	65	>68	>68	67	>68
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	---	---	>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: 2500 MHz; -15.00 dBm.
 LO IN: 2530 MHz; +4.00 dBm
 IF OUT: 30 MHz; -22.16 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+1	12	16	35	36	39	45	57	69	---
1	-	7	+0	17	13	36	38	45	39	58	58	59
2	71	28	38	26	36	34	36	46	47	42	53	62
3	>90	49	51	42	45	39	38	50	60	56	56	62
4	>90	65	57	52	63	55	64	55	62	56	68	72
5	>90	>78	70	>78	63	72	54	61	55	65	66	67
6	>90	71	>78	>78	72	70	75	63	73	65	73	71
7	>90	>78	>78	>78	>78	>78	>78	>78	71	75	69	75
8	>90	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78	78
9	>90	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78
10	---	---	>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: 2500 MHz; -5.00 dBm.
 LO IN: 2530 MHz; +4.00 dBm
 IF OUT: 30 MHz; -12.17 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.