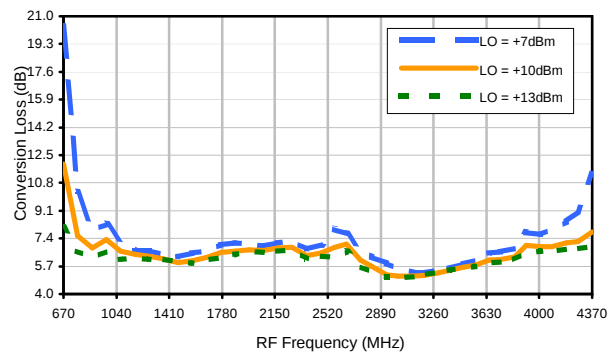
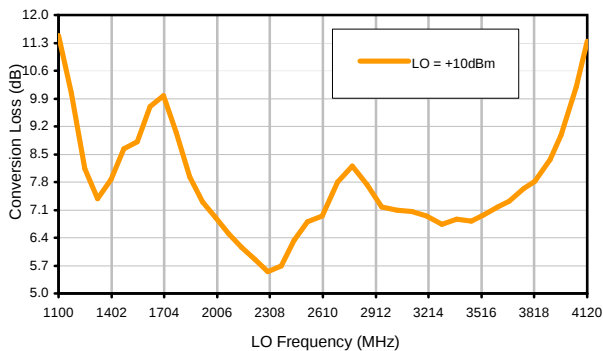


Typical Performance Curves

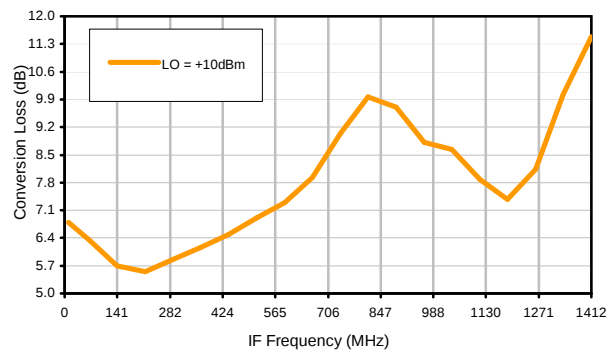
Conversion Loss @ IF=30MHz



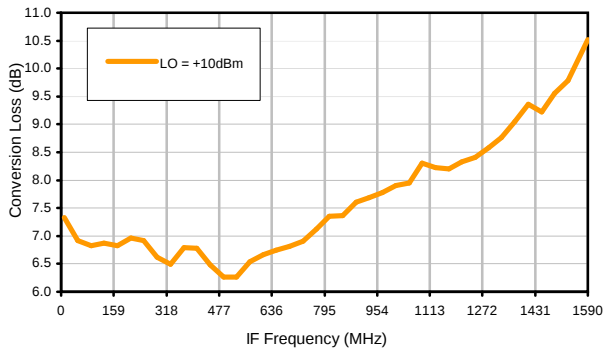
Conversion Loss vs. LO @ RF=2512MHz



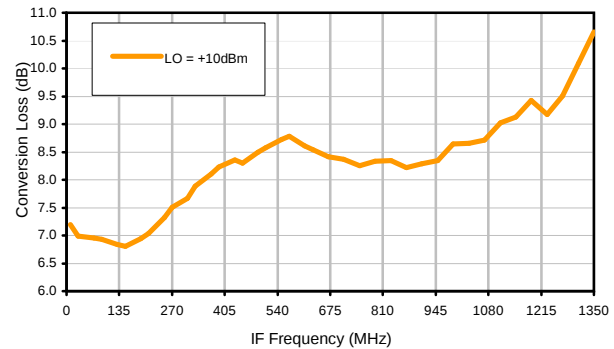
Conversion Loss vs. IF @ RF=2512MHz



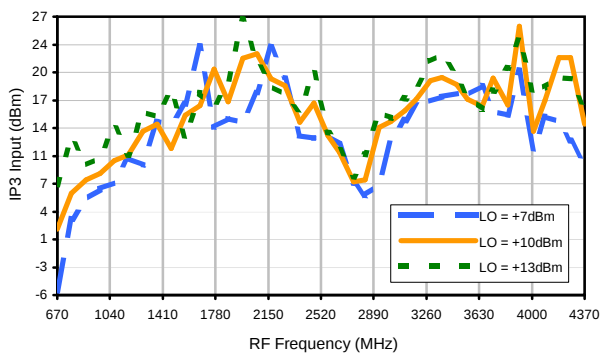
Conversion Loss vs. IF @ RF=813.9MHz



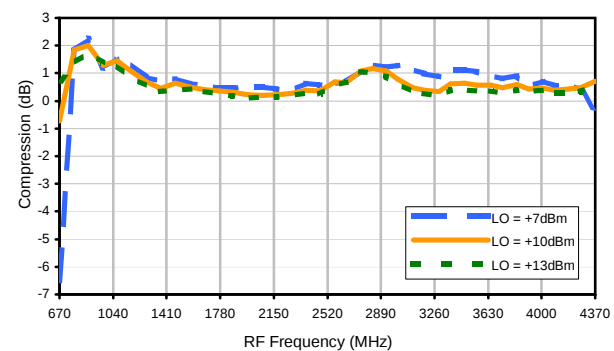
Conversion Loss vs. IF @ RF=4210.1001MHz



IP3 Input

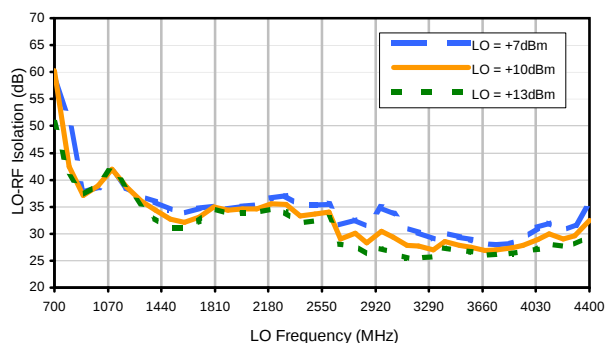


Compression @ RF IN=+5dBm

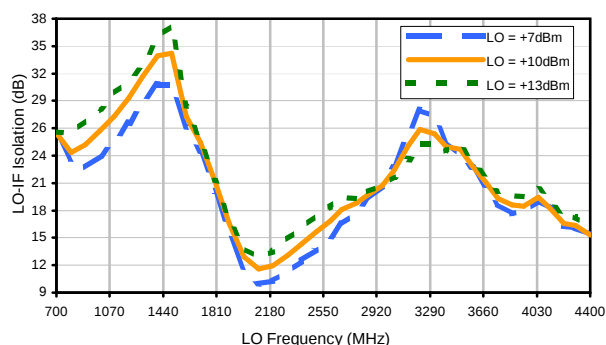


Typical Performance Curves

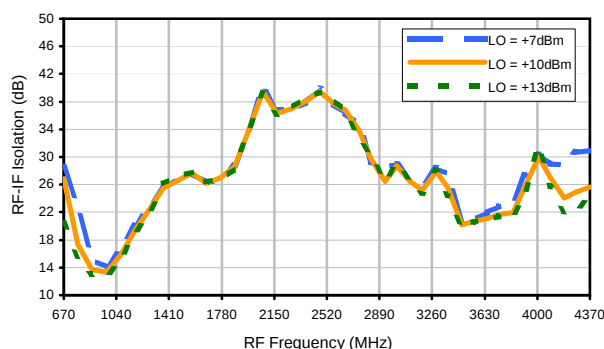
LO-RF Isolation



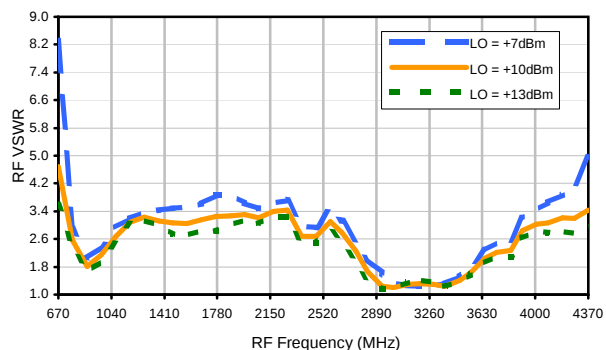
LO-IF Isolation



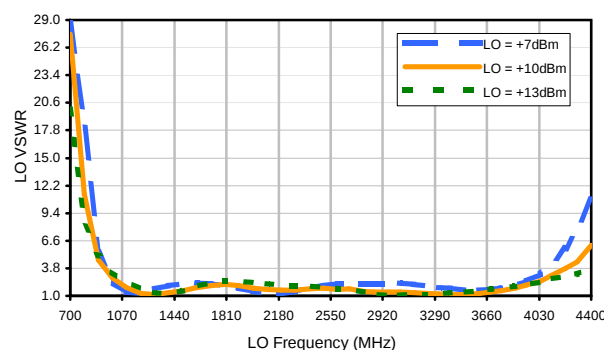
RF-IF Isolation



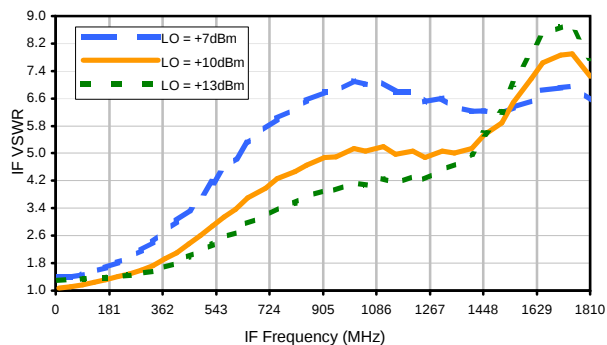
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+11	9	9	21	28	34	42	50	32	---
1	-	33	+0	39	18	33	31	57	44	64	53	62
2	81	50	53	50	51	56	54	58	>73	69	>73	>73
3	>90	66	60	>73	56	>73	63	70	63	>73	69	>73
4	>90	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73
5	>90	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73
6	>90	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73
7	>90	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73
8	>90	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73
9	>90	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73
10	---	---	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 2512 MHz; -10.00 dBm.
LO IN: 2542 MHz; +10.00 dBm
IF OUT: 30 MHz; -16.82 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+0	19	20	34	41	48	53	58	42	---
1	-	34	+0	41	18	38	35	66	47	67	60	65
2	61	43	45	50	41	54	41	51	57	63	73	74
3	>90	46	44	78	42	56	51	51	47	70	53	77
4	>90	66	66	61	63	56	67	63	66	67	77	71
5	>90	74	61	80	58	76	53	75	62	68	64	>83
6	>90	>83	>83	>83	73	79	79	80	71	>83	71	80
7	>90	>83	>83	>83	>83	80	81	>83	74	80	>83	>83
8	>90	>83	>83	>83	>83	>83	>83	>83	>83	82	>83	>83
9	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
10	---	---	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 2512 MHz; 0.00 dBm.
LO IN: 2542 MHz; +10.00 dBm
IF OUT: 30 MHz; -6.73 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.