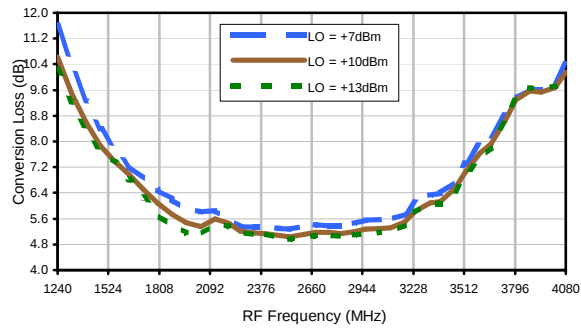
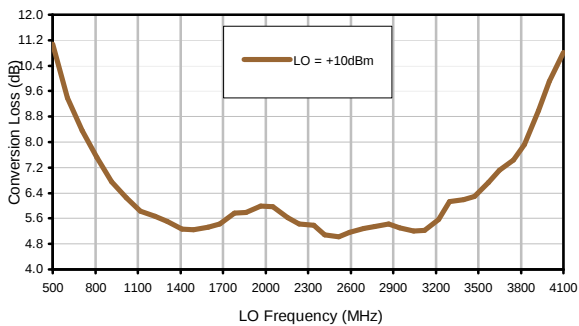


Typical Performance Curves

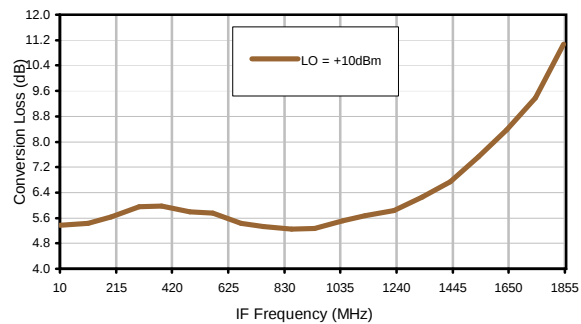
Conversion Loss @ IF=30MHz



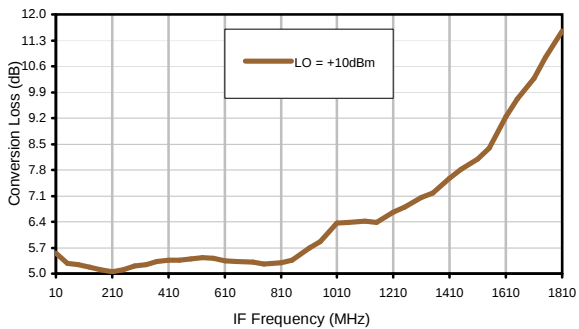
Conversion Loss vs. LO @ RF=2350MHz



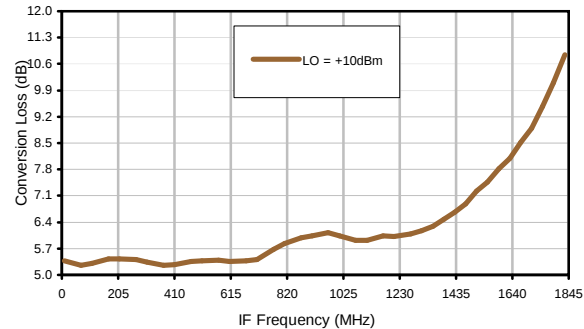
Conversion Loss vs. IF @ RF=2350MHz



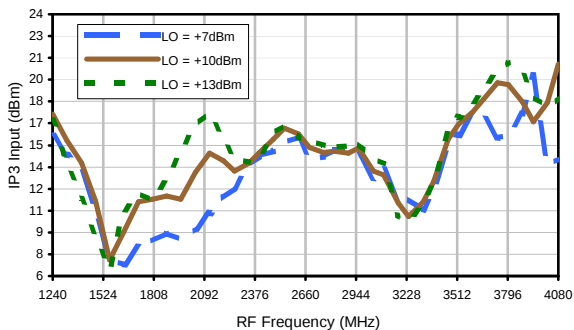
Conversion Loss vs. IF @ RF=2289.8MHz



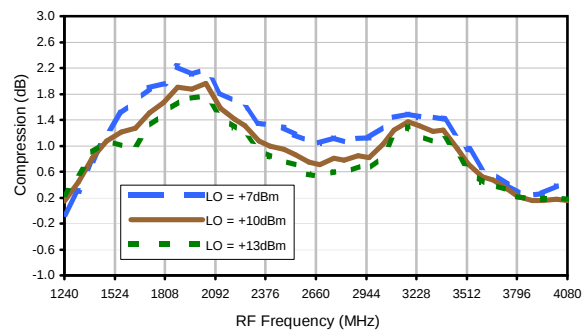
Conversion Loss vs. IF @ RF=2710.1MHz



IP3 Input

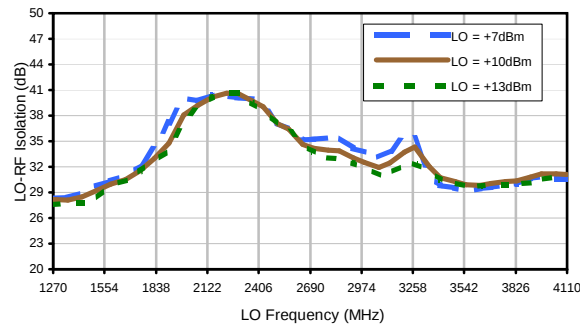


Compression @ RF IN=+4dBm

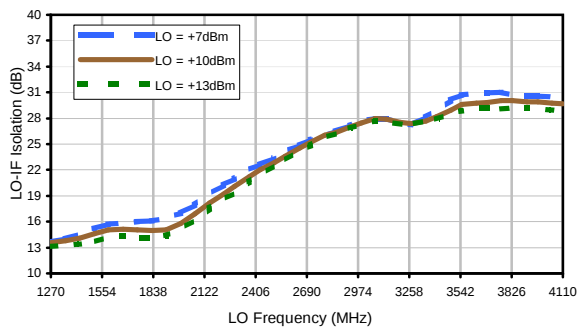


Typical Performance Curves

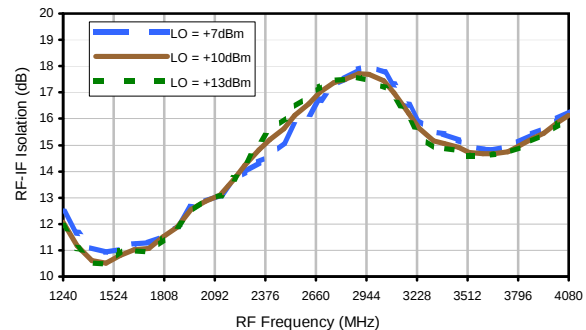
LO-RF Isolation



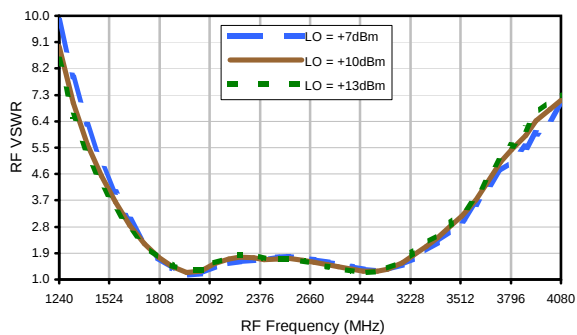
LO-IF Isolation



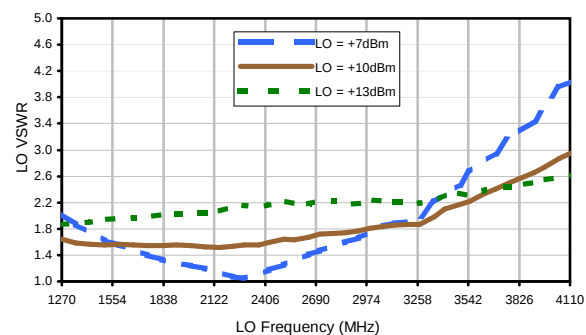
RF-IF Isolation



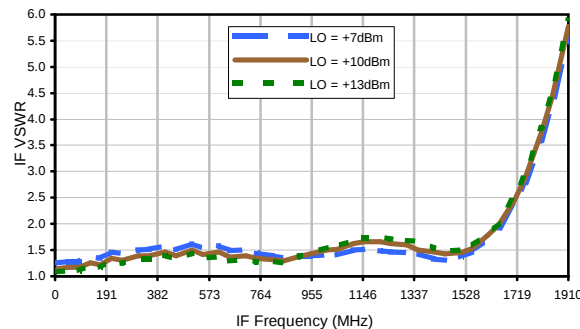
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER	(-dBm)											
	(-dBc)											
0	-	-	5	23	5	36	16	18	25	41	34	42
1	-	9	+0	43	31	33	38	35	36	35	50	59
2	83	>74	53	55	54	>74	47	>74	44	50	71	63
3	>90	71	>74	>74	58	>74	>74	68	>74	66	>74	66
4	>90	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74
5	>90	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74
6	>90	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74
7	>90	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74
8	>90	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74
9	>90	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74
10	>90	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74
RF CAL 0 1 2 3 4 5 6 7 8 9 10												

LO HARMONICS ORDER

Test conditions: RF IN: 2350 MHz; -11.00 dBm.
LO IN: 2380 MHz; +10.00 dBm
IF OUT: 30 MHz; -16.18 dBm

RF HARMONICS ORDER	(-dBm)											
	(-dBc)											
0	-	-	5	33	16	48	32	34	38	67	60	68
1	-	9	+0	42	32	35	40	40	37	41	55	>84
2	63	65	44	43	45	64	40	63	38	46	53	63
3	>90	48	55	57	36	57	56	53	58	52	56	53
4	>90	>84	58	>84	64	61	67	76	56	78	50	60
5	>90	64	81	77	80	80	59	79	75	69	72	66
6	>90	75	82	>84	73	>84	76	72	>84	>84	71	>84
7	>90	>84	>84	75	>84	81	>84	>84	71	>84	>84	83
8	>90	>84	>84	>84	>84	>84	>84	>84	>84	80	>84	>84
9	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	82	>84
10	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
RF CAL 0 1 2 3 4 5 6 7 8 9 10												

LO HARMONICS ORDER

Test conditions: RF IN: 2350 MHz; -1.00 dBm.
LO IN: 2380 MHz; +10.00 dBm
IF OUT: 30 MHz; -6.32 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.