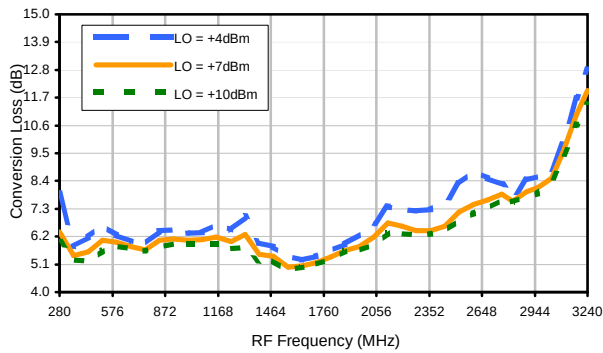
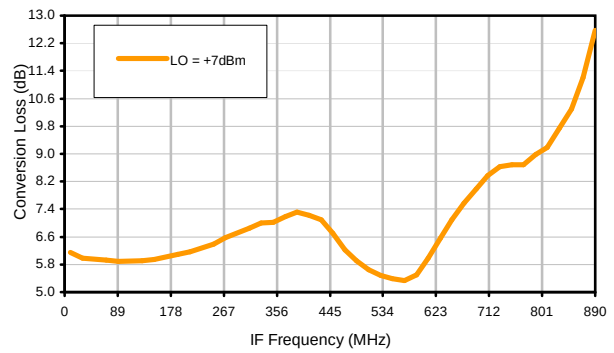


Typical Performance Curves

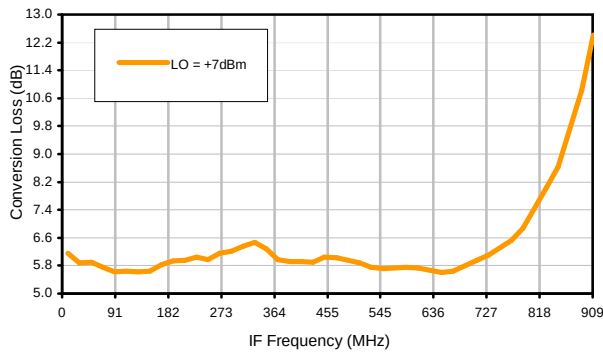
Conversion Loss @ IF=30MHz



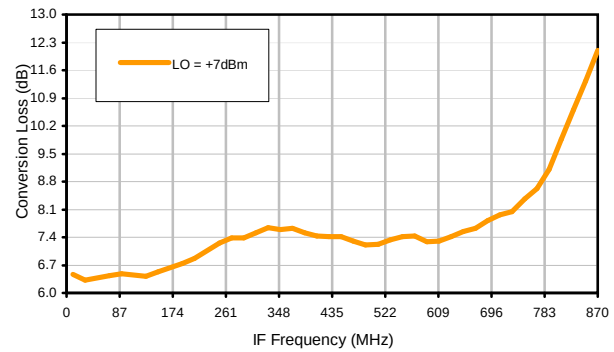
Conversion Loss vs. IF @ RF=1200.1MHz



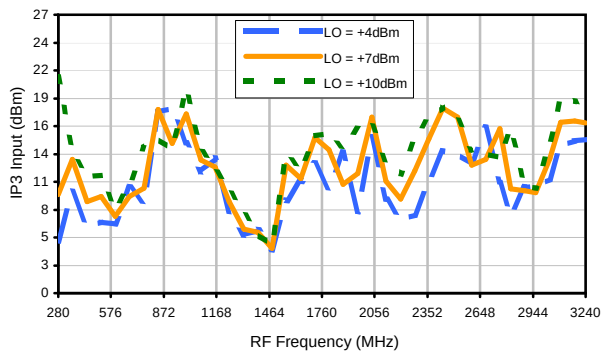
Conversion Loss vs. IF @ RF=300.1MHz



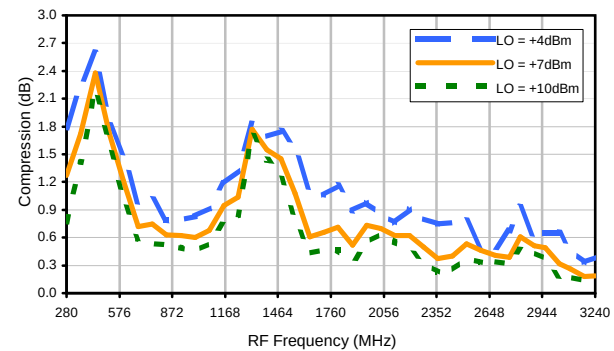
Conversion Loss vs. IF @ RF=2400.1001MHz



IP3 Input

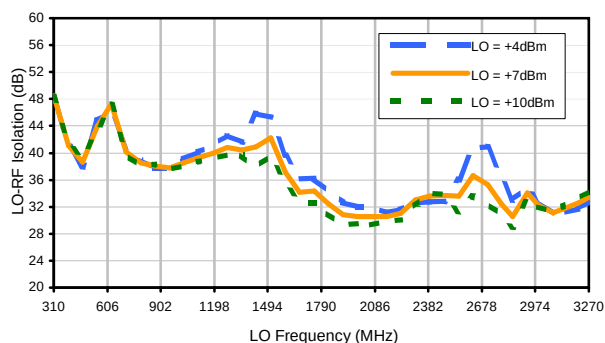


Compression @ RF IN=+1dBm

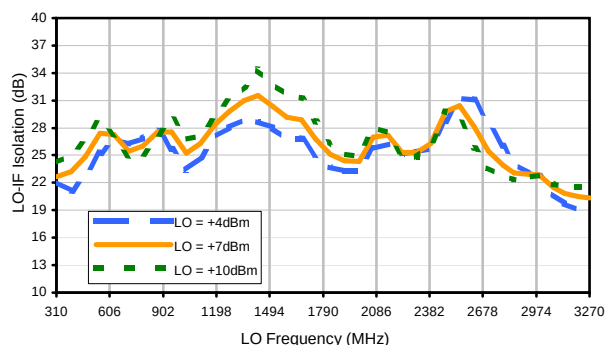


Typical Performance Curves

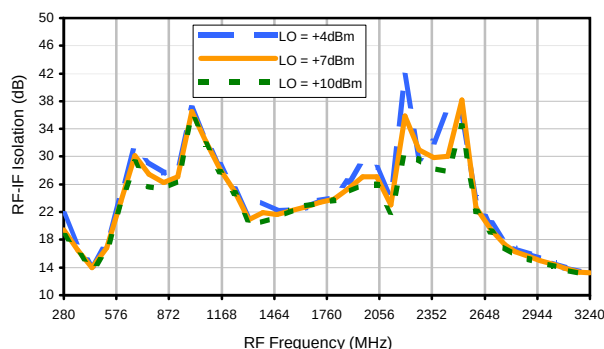
LO-RF Isolation



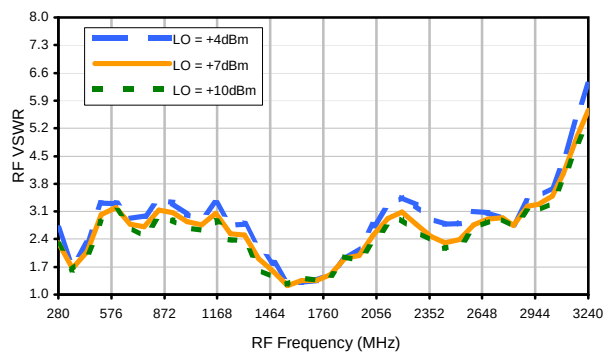
LO-IF Isolation



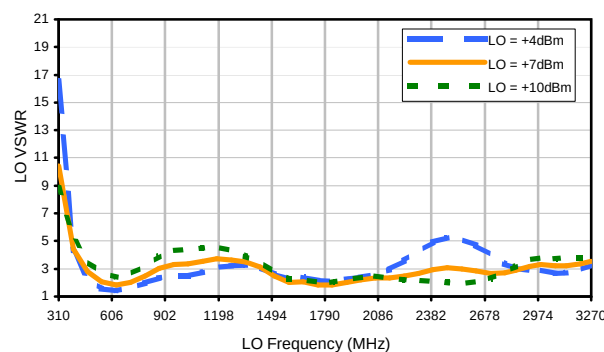
RF-IF Isolation



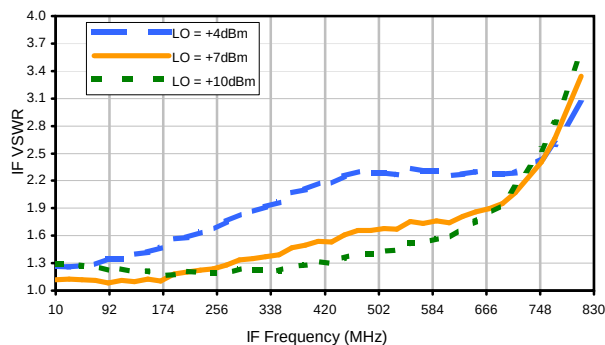
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	4	24	5	22	16	22	48	48	35	63
1	-	13	+0	21	28	23	40	37	34	47	40	50
2	82	61	64	49	>70	63	44	66	50	56	66	>70
3	>90	58	64	67	49	62	63	61	>70	67	60	68
4	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
5	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
6	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
7	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
8	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
9	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
10	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 1350 MHz; -14.00 dBm.
LO IN: 1380 MHz; +7.00 dBm
IF OUT: 30 MHz; -20.34 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	14	37	16	35	28	35	52	60	45	72
1	-	13	+0	24	29	27	45	43	45	60	51	65
2	63	50	53	38	57	62	40	64	46	51	66	72
3	>90	42	43	48	28	44	50	48	56	58	50	64
4	>90	65	62	59	68	51	60	67	49	62	61	61
5	>90	55	57	60	62	67	47	56	58	56	62	65
6	>90	54	64	71	73	78	>79	70	70	70	60	75
7	>90	70	65	77	76	>79	70	>79	57	73	67	70
8	>90	>79	>79	69	>79	>79	>79	>79	>79	71	>79	>79
9	>90	>79	>79	>79	75	>79	>79	>79	>79	>79	72	>79
10	>90	>79	>79	>79	>79	77	>79	>79	>79	>79	>79	>79
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 1350 MHz; -4.00 dBm.
LO IN: 1380 MHz; +7.00 dBm
IF OUT: 30 MHz; -10.55 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.