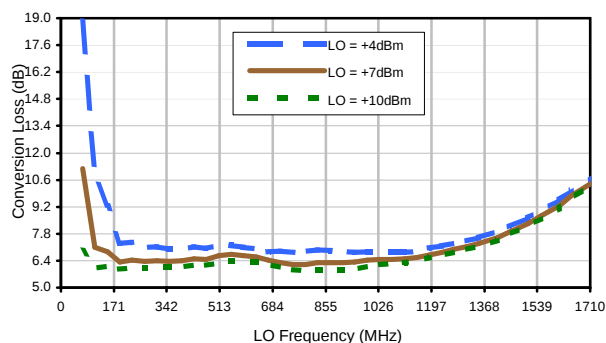
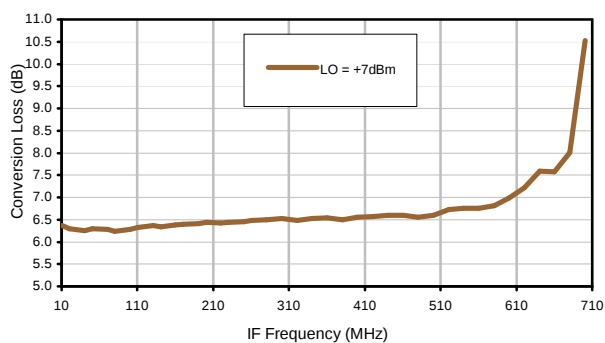


Typical Performance Curves

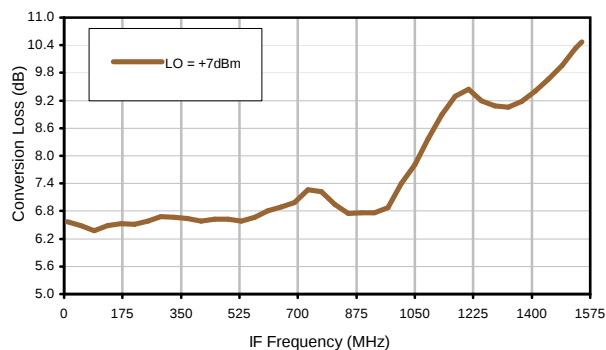
Conversion Loss @ IF=30MHz



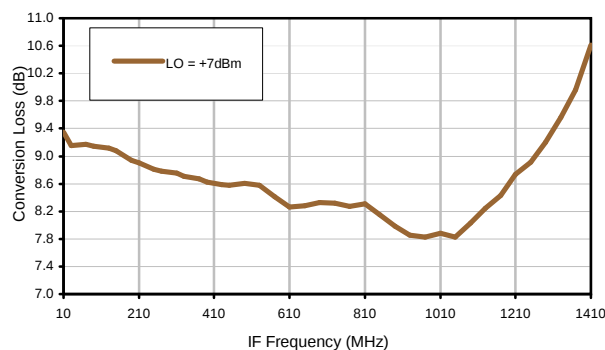
Conversion Loss vs. IF @ RF=805.5MHz



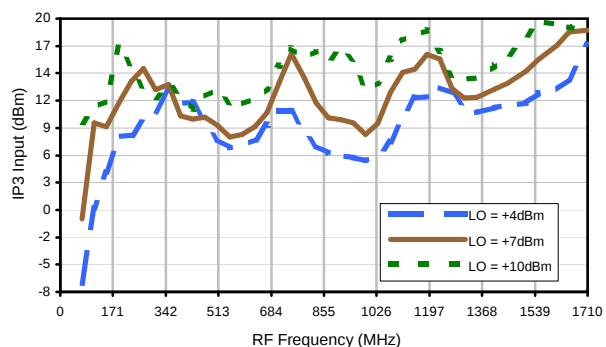
Conversion Loss vs. IF @ RF=289.9MHz



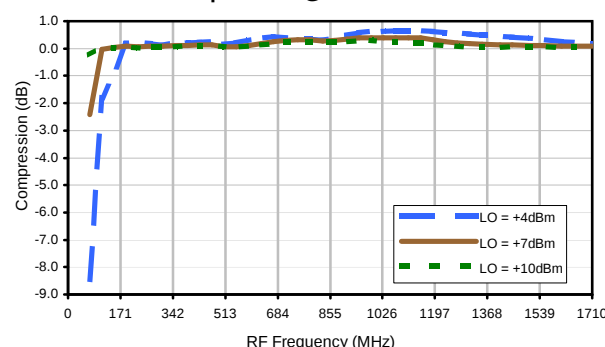
Conversion Loss vs. IF @ RF=1600.1MHz



IP3 Input

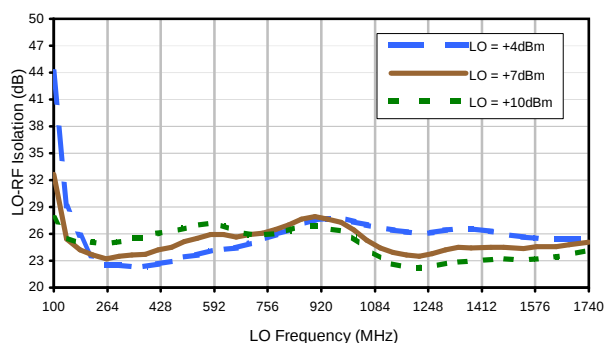


Compression @ RF IN=+1dBm

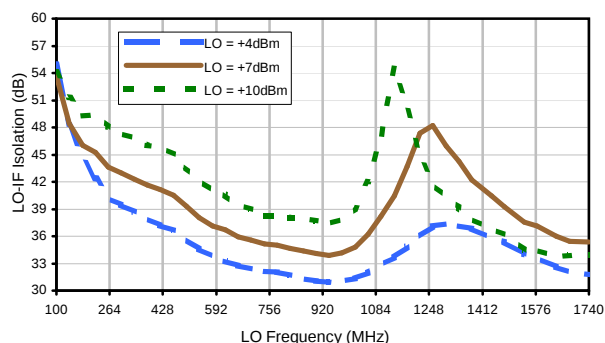


Typical Performance Curves

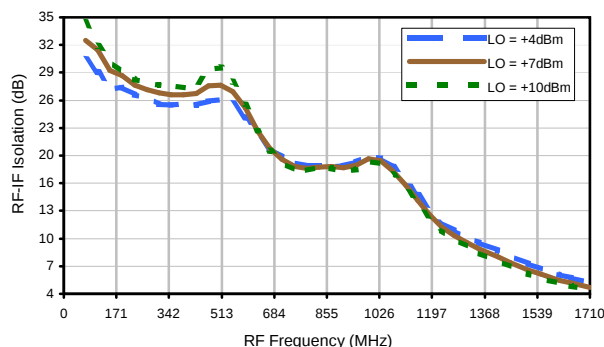
LO-RF Isolation



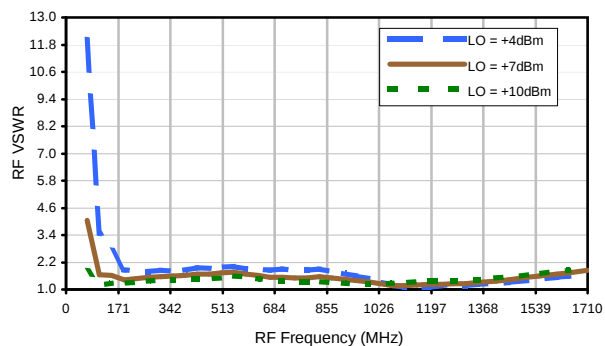
LO-IF Isolation



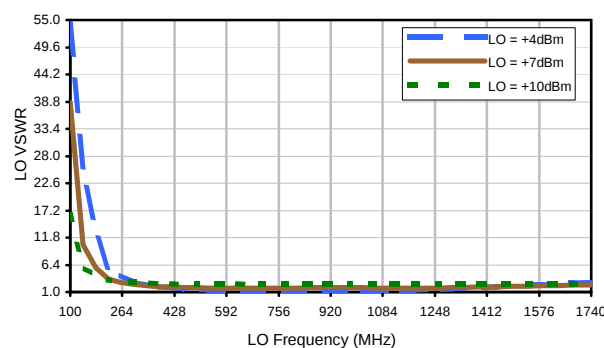
RF-IF Isolation



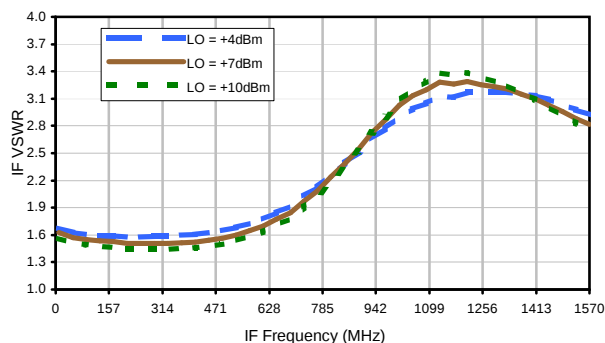
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER	(-dBm)											
	(-dBc)											
0	-	-	7	15	21	24	20	38	31	36	43	41
1	-	12	+0	34	21	23	42	30	51	42	39	48
2	90	52	49	43	46	55	46	49	47	68	51	46
3	>90	67	66	56	54	61	62	58	55	65	66	>70
4	>90	>70	>70	>70	>70	66	>70	>70	69	>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: 945 MHz; -14.00 dBm.
LO IN: 975 MHz; +7.00 dBm
IF OUT: 30 MHz; -20.49 dBm

RF HARMONICS ORDER	(-dBm)											
	(-dBc)											
0	-	-	18	24	31	31	34	50	51	44	52	52
1	-	11	+0	32	22	26	36	33	49	48	54	54
2	70	45	40	40	38	53	45	46	50	68	57	58
3	>90	49	48	38	39	48	53	42	51	66	69	63
4	>90	56	65	59	77	49	57	59	52	57	57	69
5	>90	63	64	74	72	58	52	68	60	57	54	64
6	>90	>79	67	72	76	75	66	59	64	71	59	74
7	>90	>79	>79	76	72	>79	74	75	69	73	70	70
8	>90	>79	>79	>79	74	>79	>79	>79	75	68	>79	>79
9	>90	>79	>79	>79	>79	>79	>79	>79	>79	78	>79	>79
10	>90	>79	>79	>79	>79	>79	>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: 945 MHz; -4.00 dBm.
LO IN: 975 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.