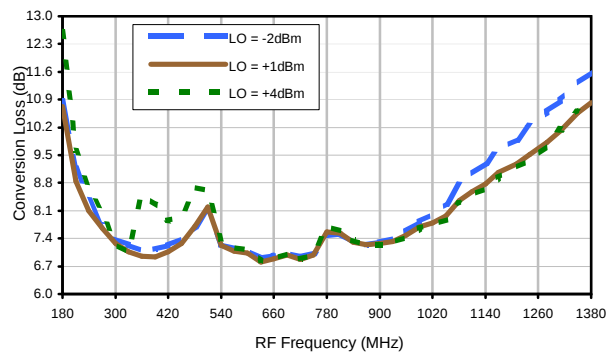
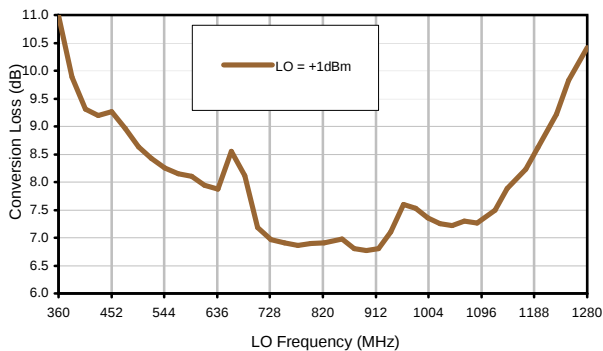


Typical Performance Curves

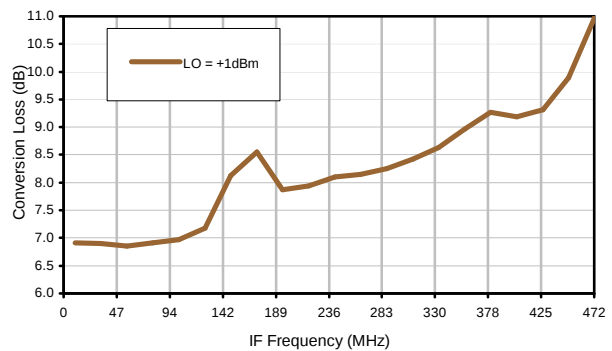
Conversion Loss @ IF=169MHz



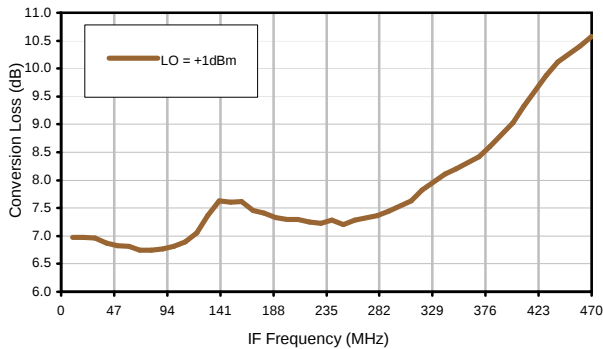
Conversion Loss vs. LO @ RF=832.5MHz



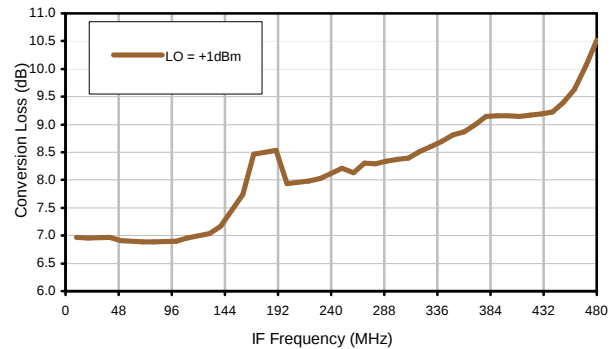
Conversion Loss vs. IF @ RF=832.5MHz



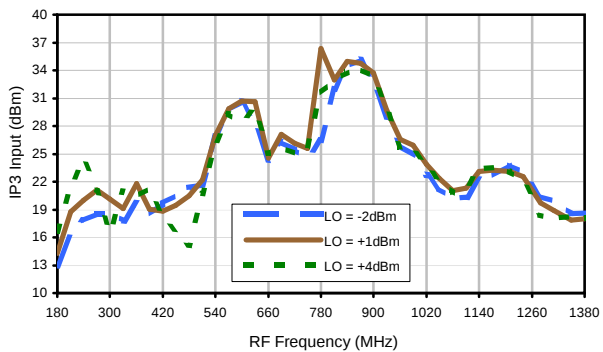
Conversion Loss vs. IF @ RF=816MHz



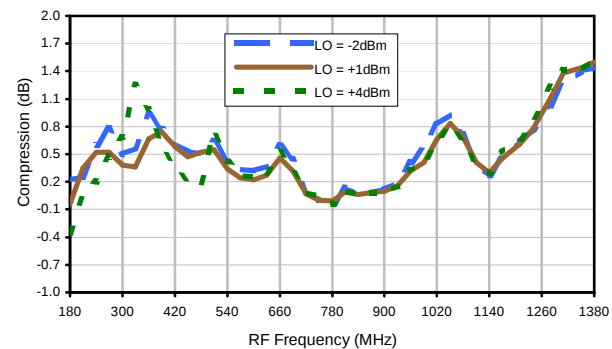
Conversion Loss vs. IF @ RF=849MHz



IP3 Input

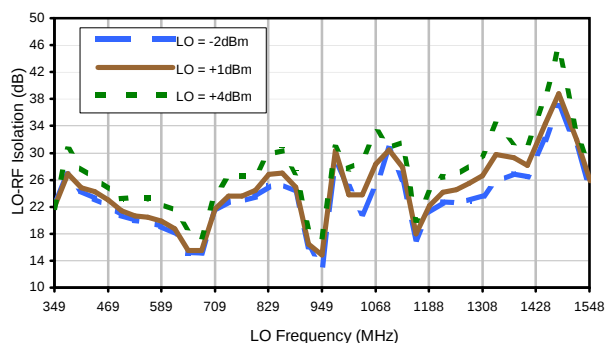


Compression @ RF IN=+13dBm

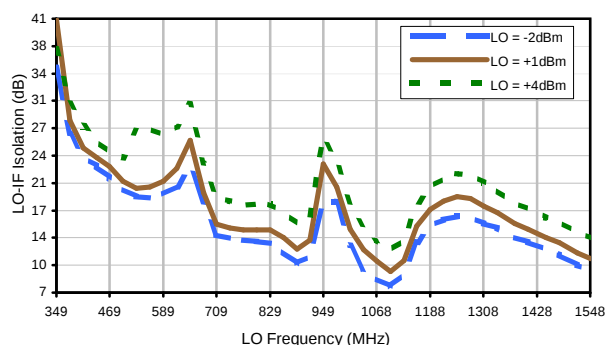


Typical Performance Curves

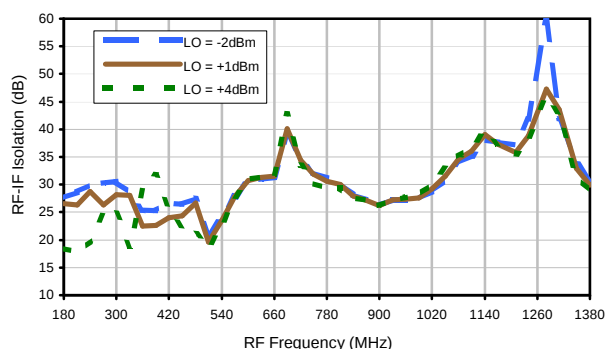
LO-RF Isolation



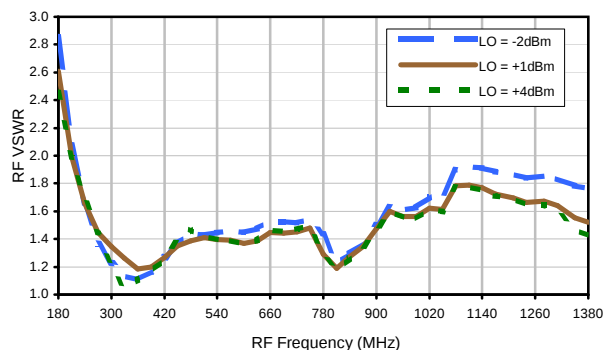
LO-IF Isolation



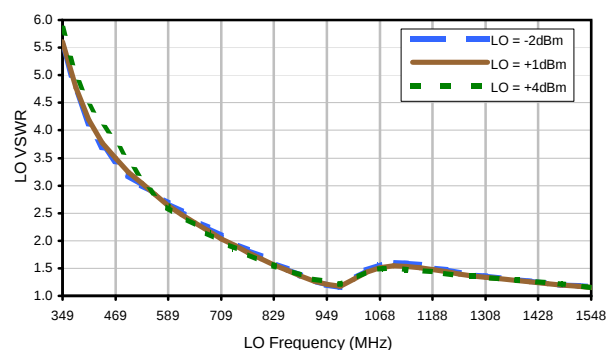
RF-IF Isolation



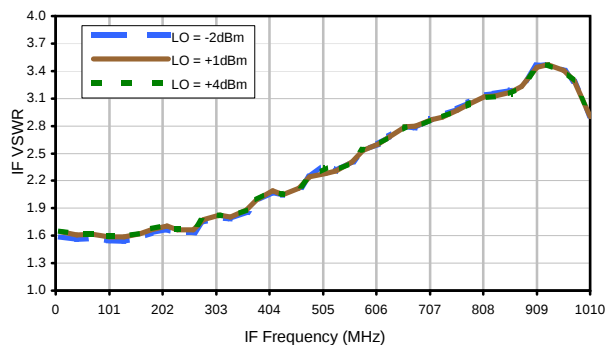
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	4	4	16	25	29	31	42	28	45	33
1	-	21	+0	33	19	37	58	62	45	47	50	60
2	69	56	65	54	69	54	71	77	80	69	72	78
3	>90	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
4	>90	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
5	>90	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
6	>90	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
7	>90	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
8	>90	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
9	>90	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
10	>90	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 832.5 MHz; -2.00 dBm.
LO IN: 1011.5 MHz; +1.00 dBm
IF OUT: 179 MHz; -9.19 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	14	14	26	35	39	42	52	39	57	43
1	-	21	+0	33	20	37	59	63	45	48	50	61
2	48	45	55	43	59	44	62	68	72	61	64	71
3	68	72	60	68	59	69	66	84	>91	85	85	83
4	>90	>91	86	85	85	80	>91	82	>91	>91	89	>91
5	>90	>91	>91	>91	>91	89	86	>91	89	>91	>91	>91
6	>90	>91	>91	>91	>91	>91	>91	>91	>91	>91	>91	>91
7	>90	>91	>91	>91	>91	>91	>91	>91	>91	>91	>91	>91
8	>90	>91	>91	>91	>91	>91	>91	>91	>91	>91	>91	>91
9	>90	>91	>91	>91	>91	>91	>91	>91	>91	>91	>91	>91
10	>90	>91	>91	>91	>91	>91	>91	>91	>91	>91	>91	>91
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 832.5 MHz; 8.00 dBm.
LO IN: 1011.5 MHz; +1.00 dBm
IF OUT: 179 MHz; 0.77 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.