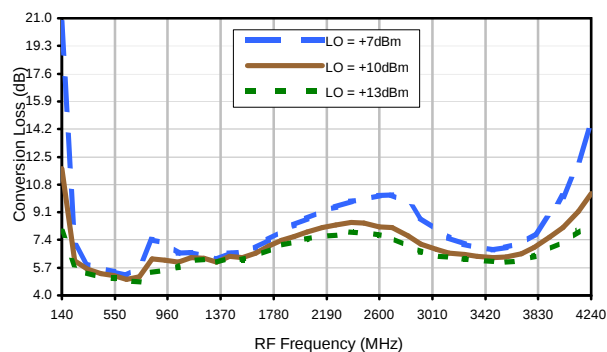
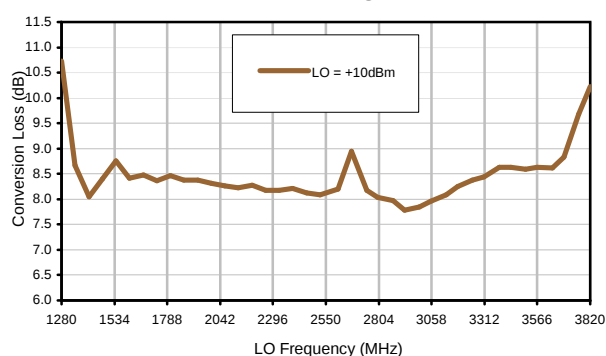


Typical Performance Curves

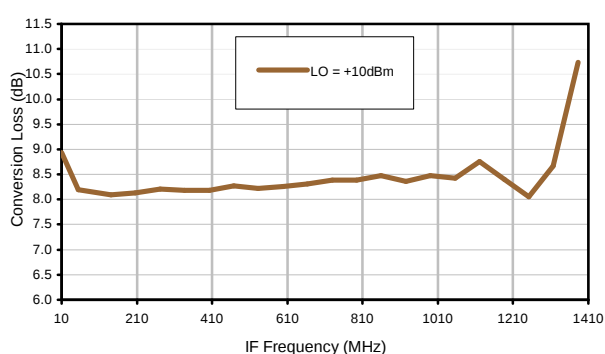
Conversion Loss @ IF=30 MHz



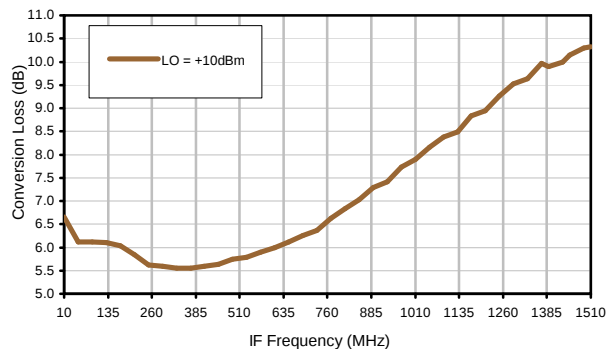
Conversion Loss vs. LO @ RF=2662.5 MHz



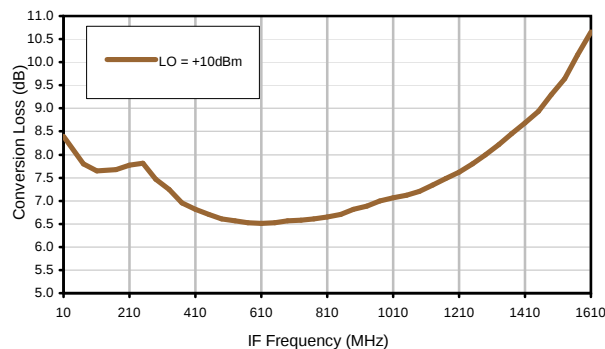
Conversion Loss vs. IF @ RF=2662.5 MHz



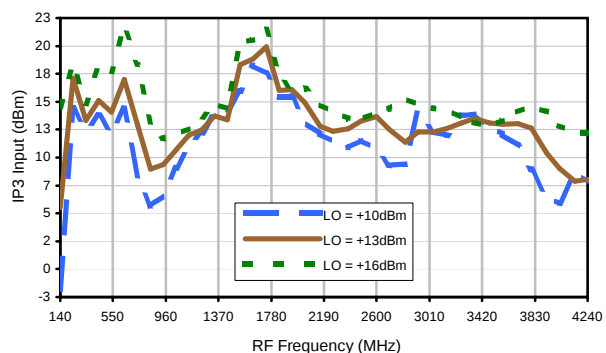
Conversion Loss vs. IF @ RF=1314.9 MHz



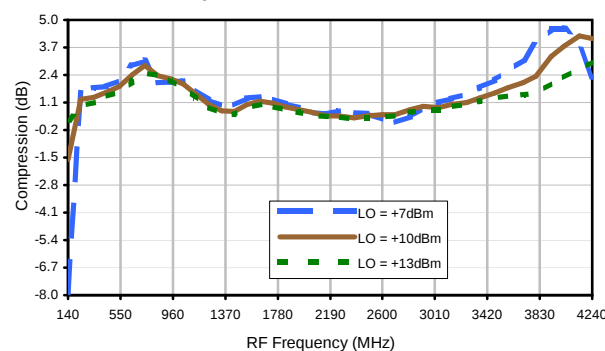
Conversion Loss vs. IF @ RF=4010.1 MHz



IP3 Input

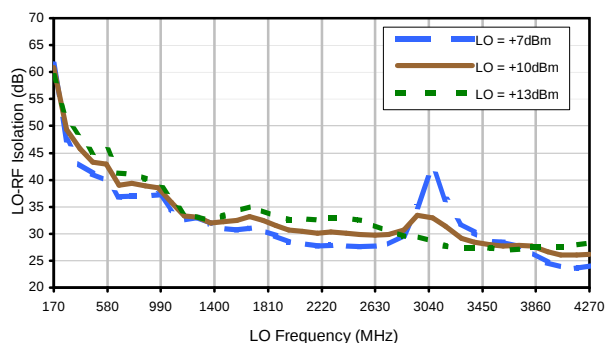


Compression @ RF IN = +5 dBm

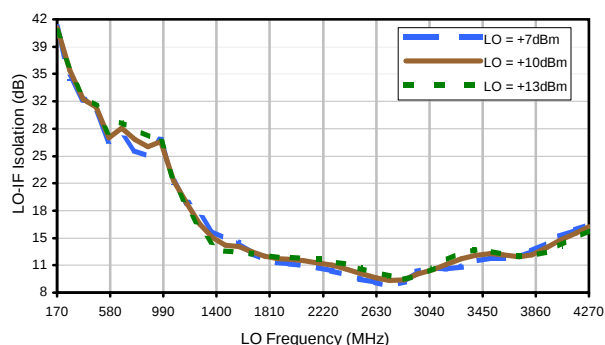


Typical Performance Curves

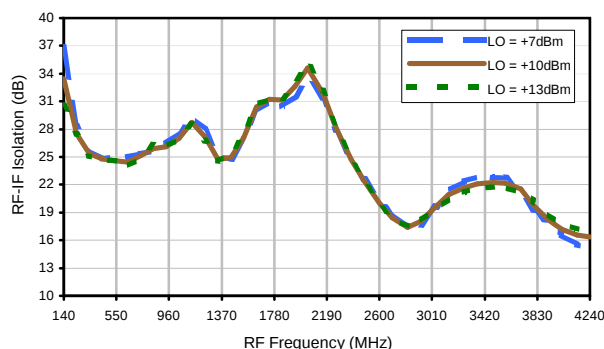
LO-RF Isolation



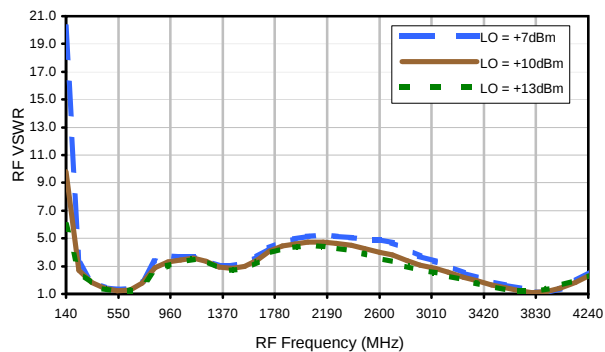
LO-IF Isolation



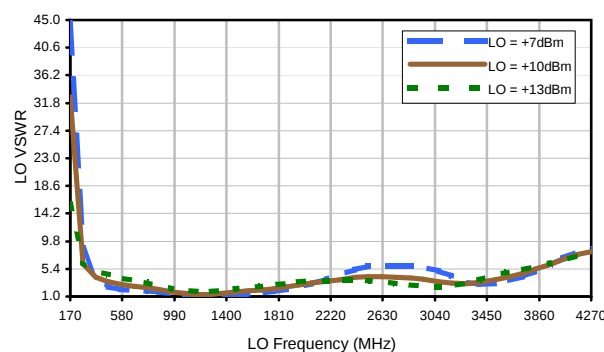
RF-IF Isolation



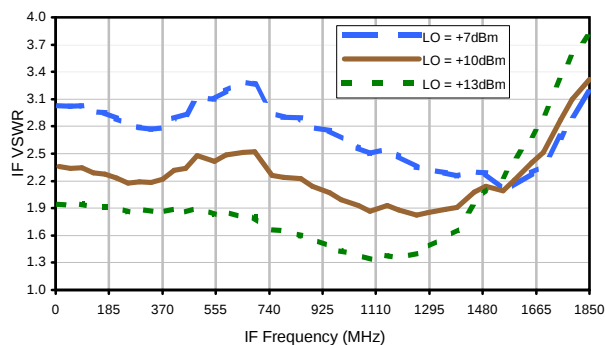
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER	(-dBm)											
	(-dBc)											
0	-	-	19	18	8	32	29	44	37	51	---	---
1	-	11	+0	27	48	34	30	45	44	59	49	---
2	83	50	50	41	65	71	54	51	>72	>72	65	66
3	>90	61	64	69	54	66	63	65	58	66	68	70
4	>90	>72	>72	>72	>72	>72	>72	>72	>72	>72	>72	>72
5	>90	>72	>72	>72	>72	>72	>72	>72	>72	>72	>72	>72
6	>90	>72	>72	>72	>72	>72	>72	>72	>72	>72	>72	>72
7	>90	>72	>72	>72	>72	>72	>72	>72	>72	>72	>72	>72
8	>90	>72	>72	>72	>72	>72	>72	>72	>72	>72	>72	>72
9	>90	>72	>72	>72	>72	>72	>72	>72	>72	>72	>72	>72
10	---	---	>72	>72	>72	>72	>72	>72	>72	>72	>72	>72
RF CAL 0 1 2 3 4 5 6 7 8 9 10												

LO HARMONICS ORDER

Test conditions: RF IN: 2662.5 MHz; -10.00 dBm.
LO IN: 2692.5 MHz; +10.00 dBm
IF OUT: 30 MHz; -18.45 dBm

RF HARMONICS ORDER	(-dBm)											
	(-dBc)											
0	-	-	9	29	19	54	39	60	50	63	---	---
1	-	11	+0	30	39	40	41	62	59	62	65	---
2	63	41	41	34	58	52	49	46	60	>82	73	67
3	>90	47	44	55	39	46	51	65	50	65	73	73
4	>90	76	66	>82	59	55	65	74	60	64	76	>82
5	>90	71	67	66	64	75	49	63	65	69	63	73
6	>90	>82	>82	73	78	77	77	72	70	78	72	>82
7	>90	>82	82	>82	78	77	75	>82	64	72	77	>82
8	90	>82	>82	>82	>82	>82	>82	>82	>82	74	76	>82
9	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	79	>82
10	---	---	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
RF CAL 0 1 2 3 4 5 6 7 8 9 10												

LO HARMONICS ORDER

Test conditions: RF IN: 2662.5 MHz; 0.00 dBm.
LO IN: 2692.5 MHz; +10.00 dBm
IF OUT: 30 MHz; -8.32 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.