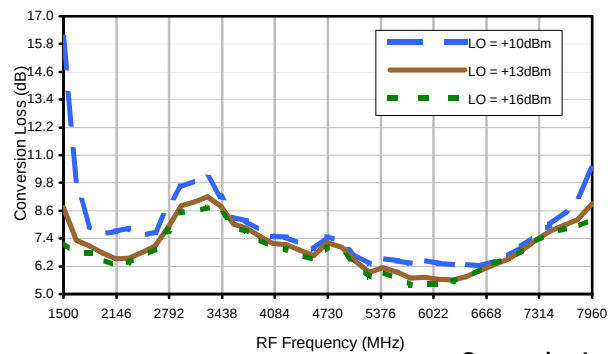
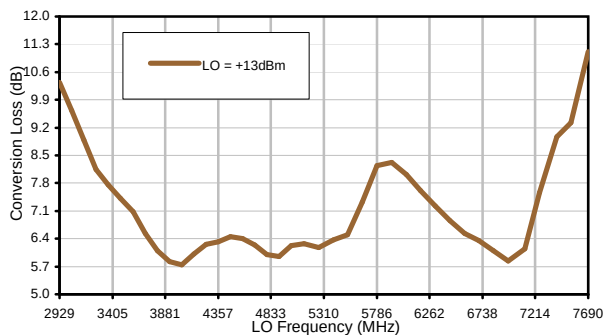


Typical Performance Curves

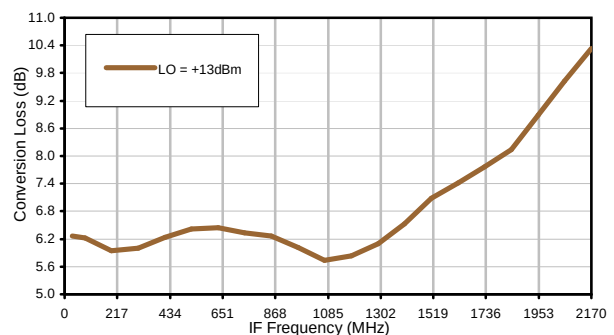
Conversion Loss @ IF=30MHz



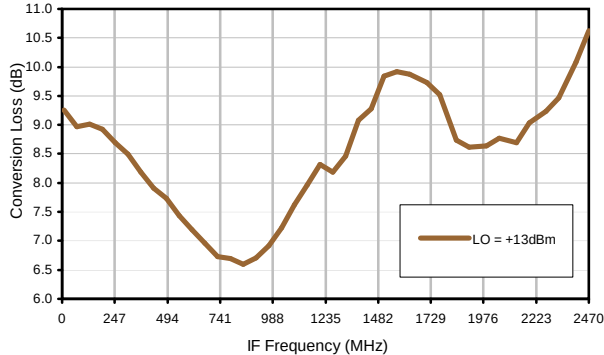
Conversion Loss vs. LO @ RF=5100MHz



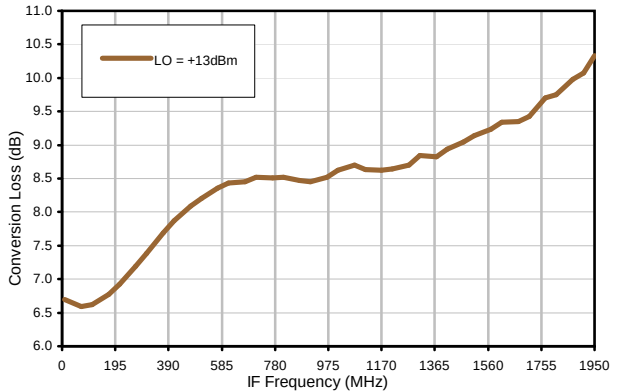
Conversion Loss vs. IF @ RF=5100MHz



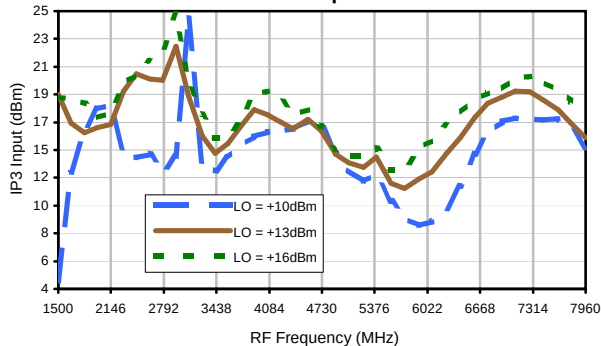
Conversion Loss vs. IF @ RF=3289.8999MHz



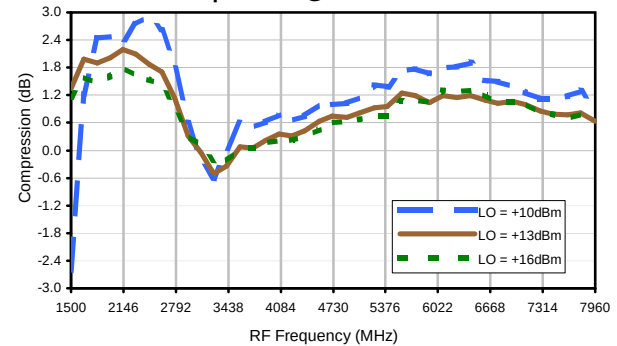
Conversion Loss vs. IF @ RF=6910.1001MHz



IP3 Input

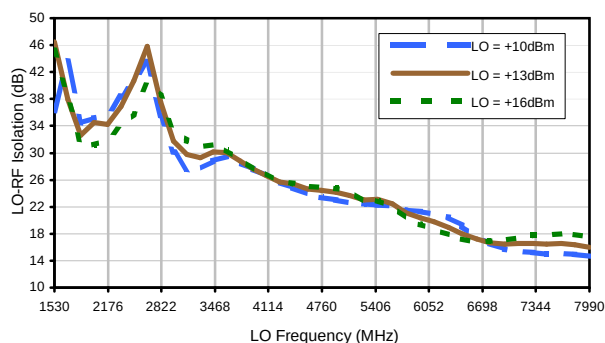


Compression @ RF IN=+9dBm

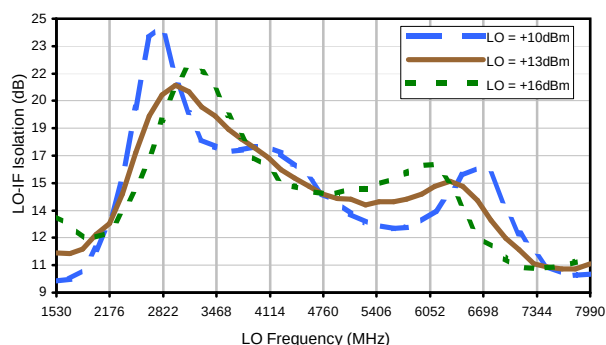


Typical Performance Curves

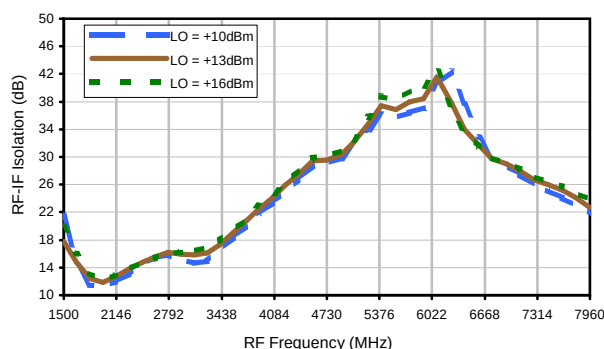
LO-RF Isolation



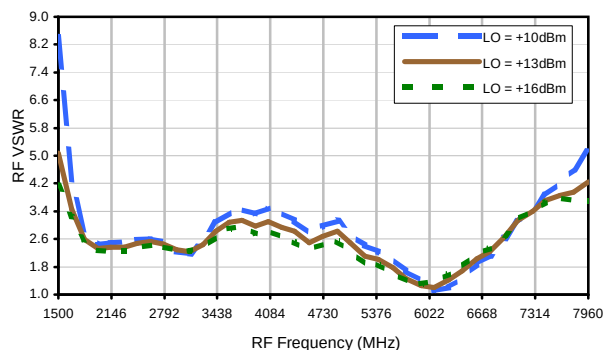
LO-IF Isolation



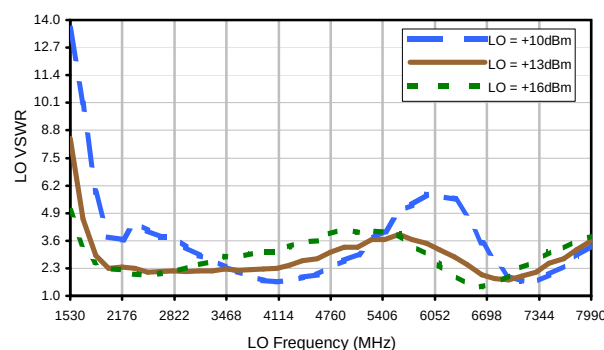
RF-IF Isolation



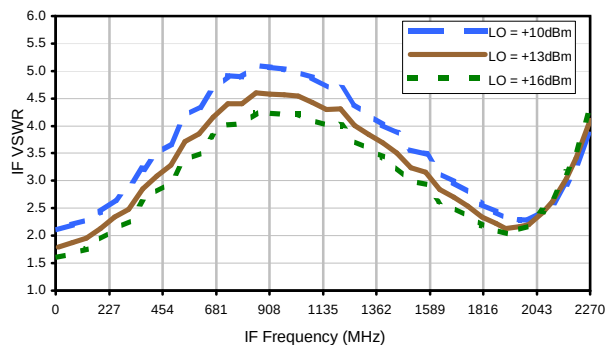
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+11	20	7	40	---	---	---	---	---	---
1	-	26	+0	37	23	52	59	---	---	---	---	---
2	76	52	49	44	50	54	45	55	---	---	---	---
3	>90	77	63	>78	64	75	70	76	>78	---	---	---
4	>90	>78	>78	>78	>78	>78	>78	>78	>78	>78	---	---
5	---	---	>78	>78	>78	>78	>78	>78	>78	>78	>78	---
6	---	---	---	>78	>78	>78	>78	>78	>78	>78	>78	>78
7	---	---	---	---	>78	>78	>78	>78	>78	>78	>78	>78
8	---	---	---	---	---	>78	>78	>78	>78	>78	>78	>78
9	---	---	---	---	---	---	>78	>78	>78	>78	>78	>78
10	---	---	---	---	---	---	---	>78	>78	>78	>78	>78
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 5100 MHz; -6.00 dBm.
LO IN: 5130 MHz; +13.00 dBm
IF OUT: 30 MHz; -11.95 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+1	29	19	51	---	---	---	---	---	---
1	-	26	+0	39	23	50	60	---	---	---	---	---
2	56	44	40	32	42	51	40	54	---	---	---	---
3	80	58	43	60	39	56	51	63	63	---	---	---
4	>90	65	63	56	72	59	69	59	64	66	---	---
5	---	---	77	81	79	85	62	78	67	75	66	---
6	---	---	---	81	78	71	77	80	72	82	66	85
7	---	---	---	---	>88	>88	82	>88	80	87	76	75
8	---	---	---	---	---	>88	>88	>88	>88	82	84	86
9	---	---	---	---	---	---	>88	>88	>88	>88	84	>88
10	---	---	---	---	---	---	---	>88	>88	>88	>88	>88
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 5100 MHz; 4.00 dBm.
LO IN: 5130 MHz; +13.00 dBm
IF OUT: 30 MHz; -2.04 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.

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