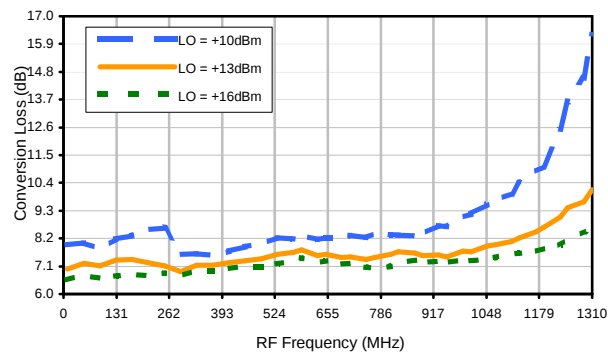
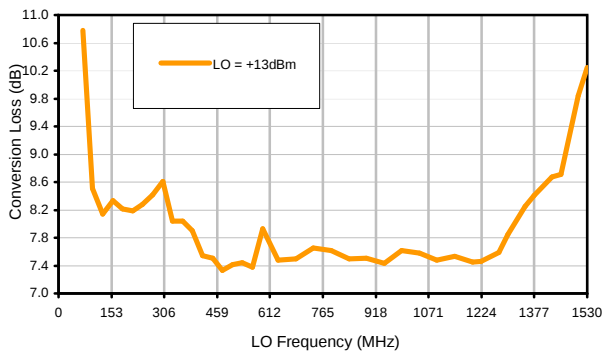


Typical Performance Curves

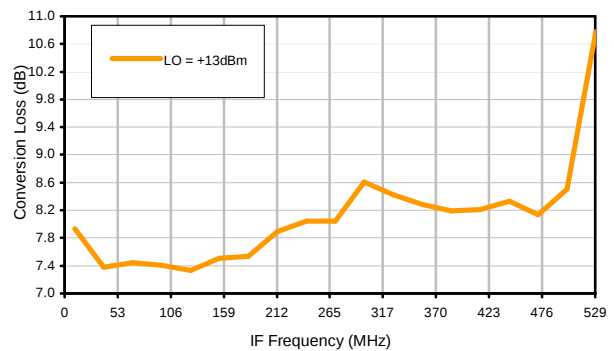
Conversion Loss @ IF=167MHz



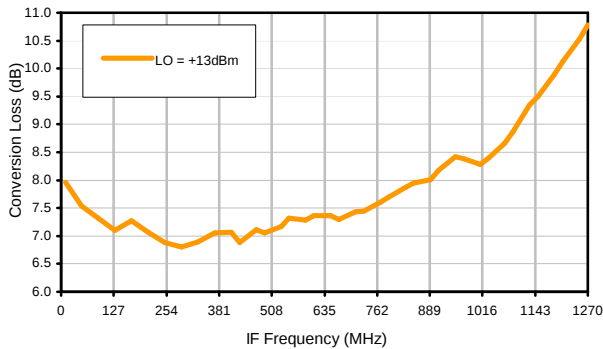
Conversion Loss vs. LO @ RF=600MHz



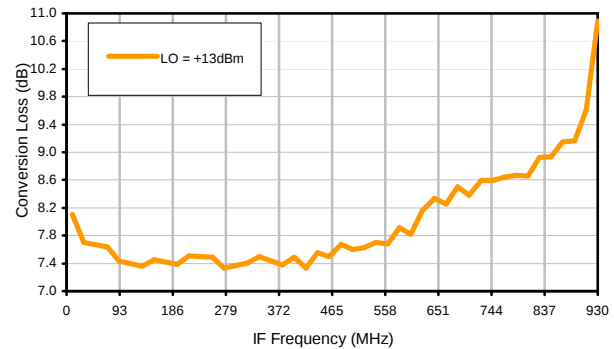
Conversion Loss vs. IF @ RF=600MHz



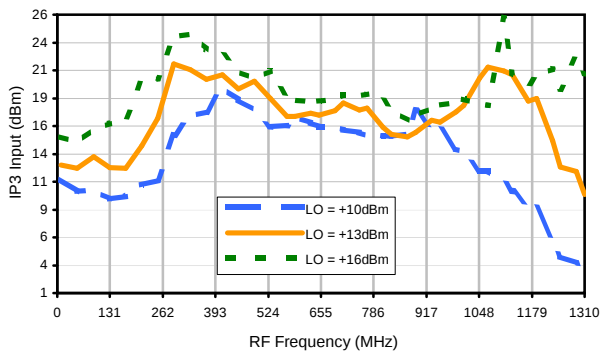
Conversion Loss vs. IF @ RF=189.9MHz



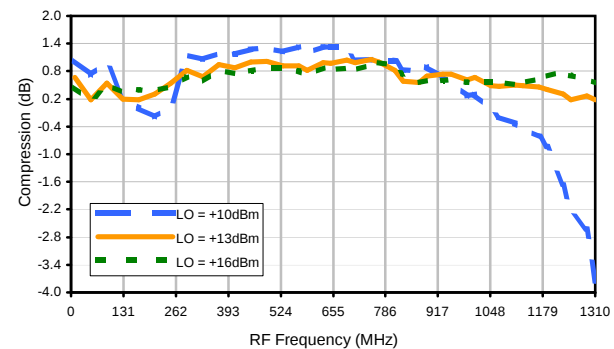
Conversion Loss vs. IF @ RF=1010.1MHz



IP3 Input

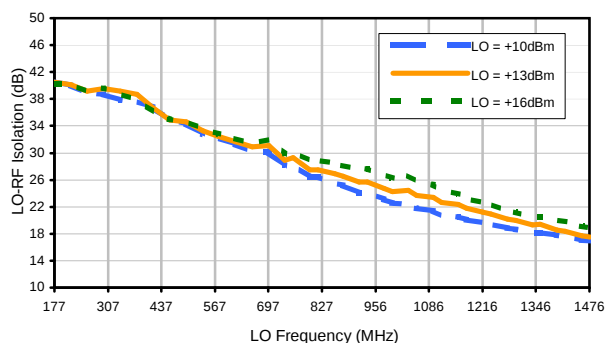


Compression @ RF IN=+9dBm

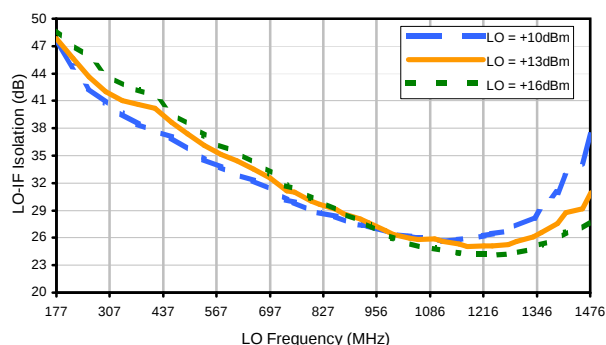


Typical Performance Curves

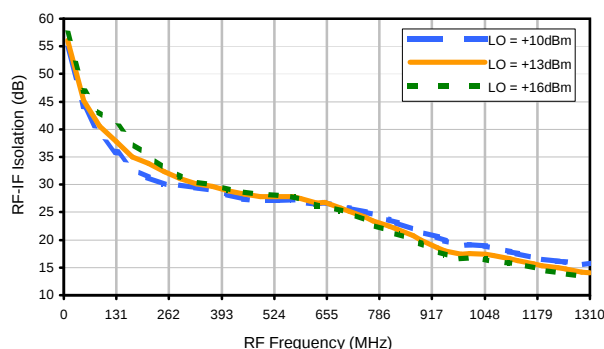
LO-RF Isolation



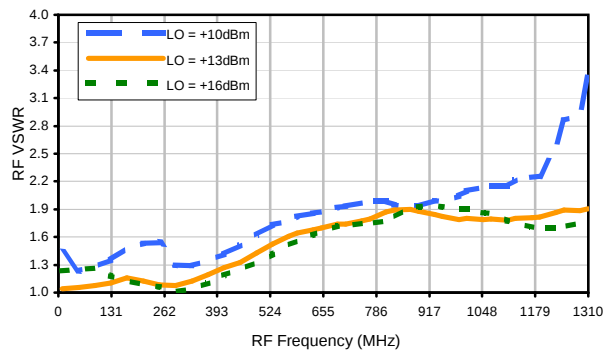
LO-IF Isolation



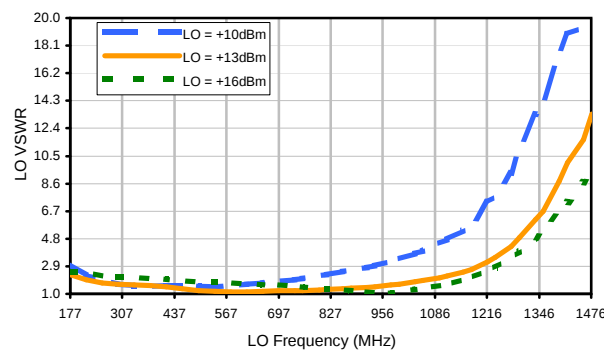
RF-IF Isolation



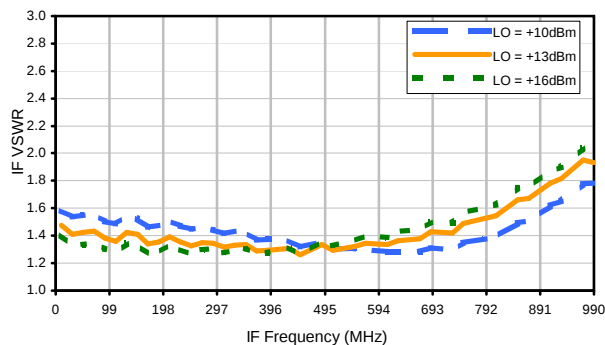
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+2	10	18	30	19	35	16	41	25	60
1	-	15	+0	25	11	34	44	35	39	42	47	48
2	73	58	55	62	57	63	64	>76	61	69	56	64
3	>90	68	67	67	65	69	71	>76	>76	>76	73	>76
4	>90	>76	>76	>76	>76	>76	>76	>76	>76	>76	>76	>76
5	>90	>76	>76	>76	>76	>76	>76	>76	>76	>76	>76	>76
6	>90	>76	>76	>76	>76	>76	>76	>76	>76	>76	>76	>76
7	>90	>76	>76	>76	>76	>76	>76	>76	>76	>76	>76	>76
8	>90	>76	>76	>76	>76	>76	>76	>76	>76	>76	>76	>76
9	>90	>76	>76	>76	>76	>76	>76	>76	>76	>76	>76	>76
10	>90	>76	>76	>76	>76	>76	>76	>76	>76	>76	>76	>76
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 800 MHz; -6.00 dBm.
LO IN: 967 MHz; +13.00 dBm
IF OUT: 167 MHz; -14.01 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	8	20	29	41	31	44	28	53	38	62
1	-	15	+0	25	11	36	44	39	43	45	50	51
2	54	55	44	51	45	48	52	66	50	60	46	59
3	82	48	45	46	45	49	49	55	65	51	53	61
4	>90	77	69	66	69	69	74	65	85	81	75	76
5	>90	74	78	72	64	68	65	74	68	79	75	74
6	>90	>86	>86	>86	>86	81	86	77	76	86	>86	>86
7	>90	>86	>86	>86	>86	86	82	82	76	79	>86	>86
8	>90	>86	>86	>86	>86	>86	>86	>86	>86	>86	>86	>86
9	>90	>86	>86	>86	>86	>86	>86	>86	>86	>86	>86	>86
10	>90	>86	>86	>86	>86	>86	>86	>86	>86	>86	>86	>86
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 800 MHz; 4.00 dBm.
LO IN: 967 MHz; +13.00 dBm
IF OUT: 167 MHz; -3.99 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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