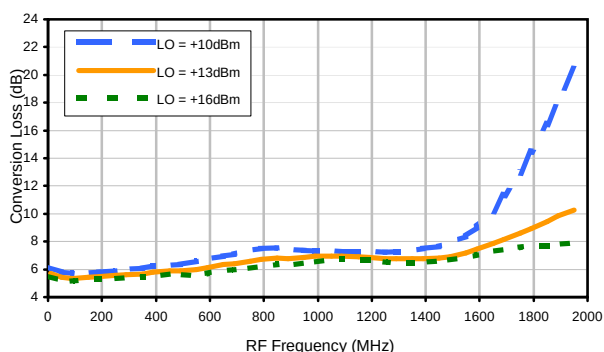
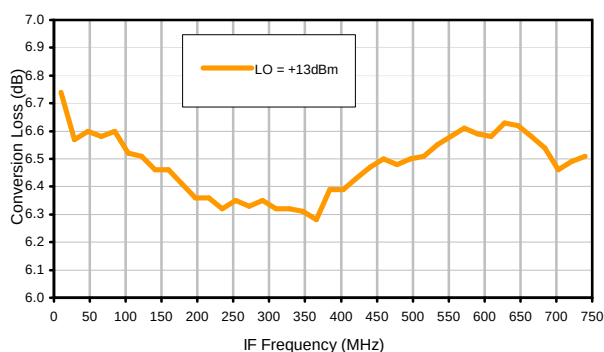


Typical Performance Curves

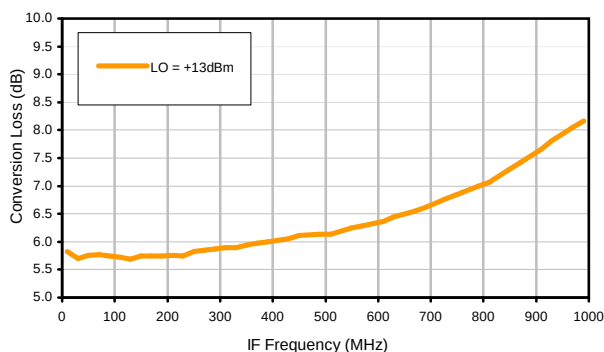
Conversion Loss @ IF=30MHz



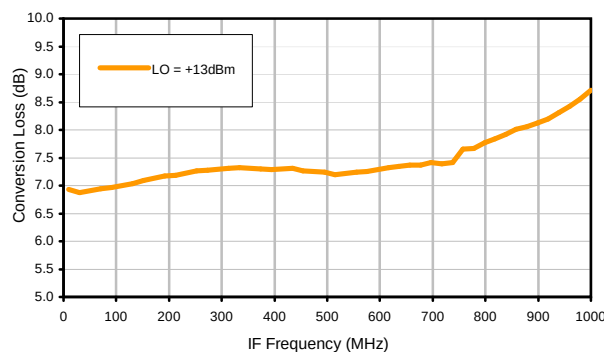
Conversion Loss vs. IF @ RF=750.1MHz



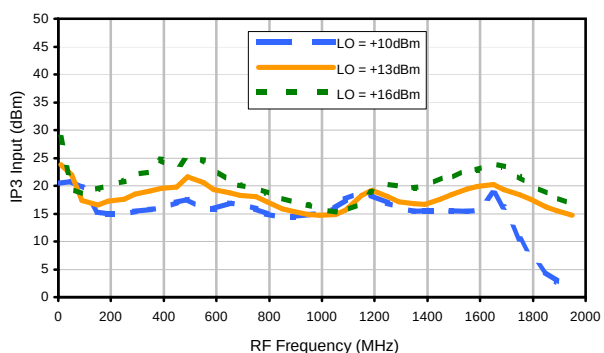
Conversion Loss vs. IF @ RF=10.1MHz



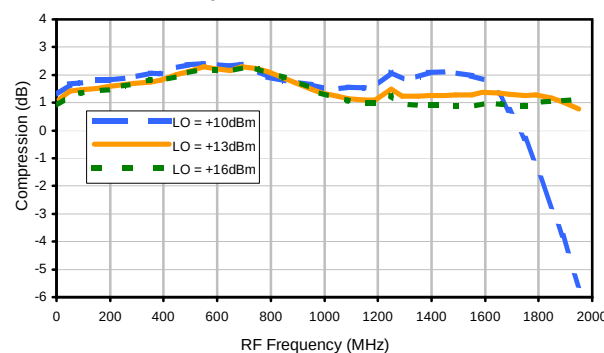
Conversion Loss vs. IF @ RF=1500.1MHz



IP3 Input

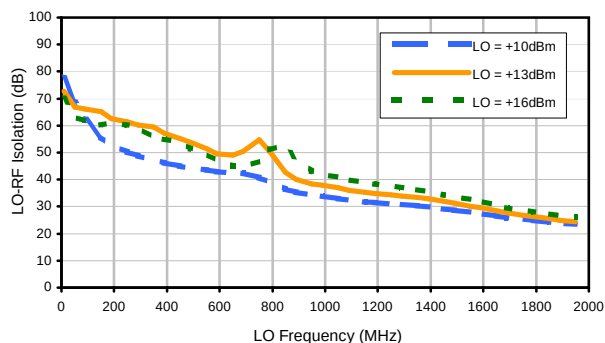


Compression @ RF IN=+9dBm

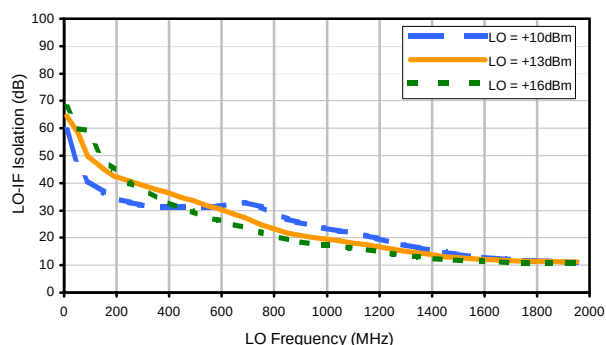


Typical Performance Curves

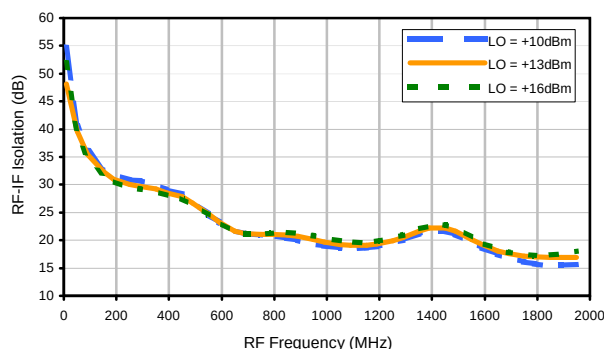
LO-RF Isolation



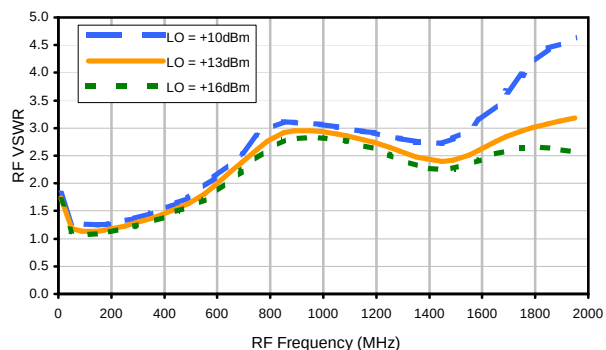
LO-IF Isolation



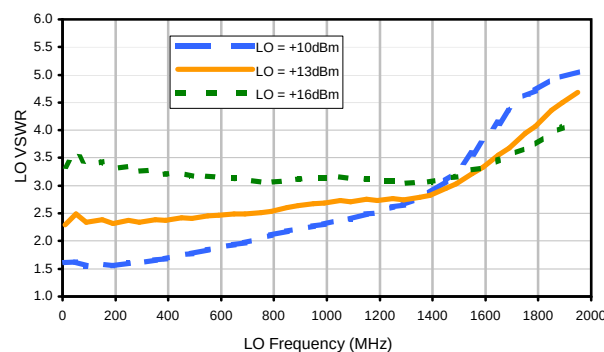
RF-IF Isolation



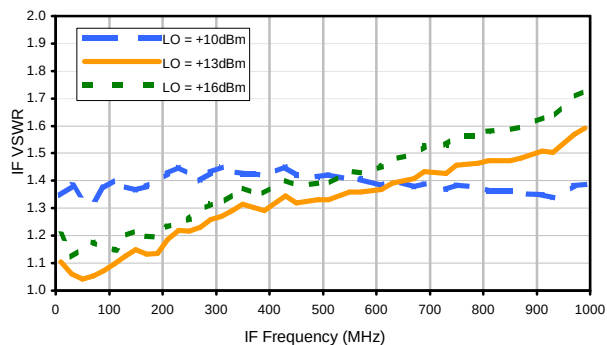
RF VSWR



LO VSWR



IF VSWR



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Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	7	27	18	40	27	78	52	57	57	56
1	-	14	+0	38	27	38	37	53	52	69	51	56
2	78	38	28	41	28	50	37	53	47	69	60	64
3	>100	36	38	40	38	52	60	50	56	60	58	68
4	>100	56	48	53	44	47	46	54	50	60	64	95
5	>100	64	53	53	51	59	47	55	68	67	62	68
6	>100	73	64	59	61	64	50	59	49	80	55	70
7	>100	81	77	77	62	69	67	62	62	75	66	69
8	>100	86	83	83	79	75	72	66	58	65	62	73
9	>100	87	83	94	85	87	74	84	69	68	66	72
10	96	84	83	91	93	93	85	85	82	84	66	69
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions:

RF IN: 750.1 MHz; 4.00 dBm.

LO IN: 780.01 MHz; +13.00 dBm

IF OUT: 29.91 MHz; -2.44 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+2	16	6	24	14	64	31	41	36	37
1	-	14	+0	35	26	33	33	44	41	51	42	60
2	98	50	38	54	37	58	41	53	47	68	53	54
3	>100	60	57	62	52	65	73	63	62	67	64	68
4	>100	86	80	87	67	75	66	87	68	76	72	82
5	>100	>88	>88	>88	>88	>88	83	>88	>88	86	84	>88
6	>100	>88	>88	>88	>88	>88	>88	>88	>88	>88	>88	>88
7	>100	>88	>88	>88	>88	>88	>88	>88	>88	>88	>88	>88
8	>100	>88	>88	>88	>88	>88	>88	>88	>88	>88	>88	>88
9	>100	>88	>88	>88	>88	>88	>88	>88	>88	>88	>88	>88
10	>100	>88	>88	>88	>88	>88	>88	>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: 750.1 MHz; -6.00 dBm.

LO IN: 780.01 MHz; +13.00 dBm

IF OUT: 29.91 MHz; -12.29 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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