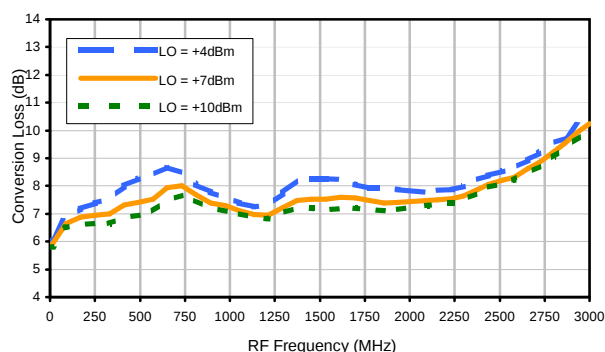
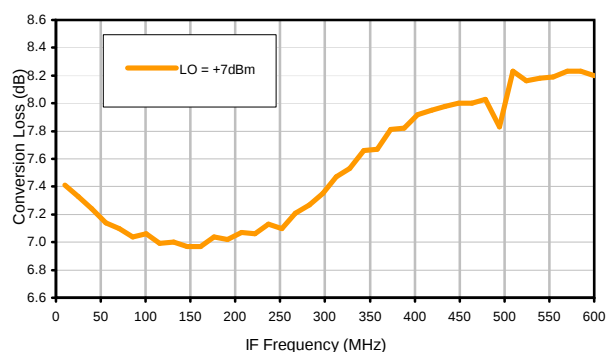


Typical Performance Curves

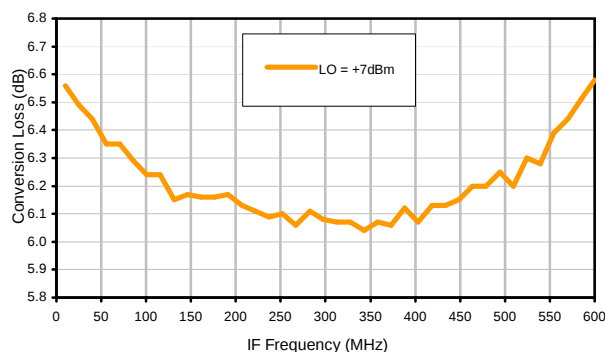
Conversion Loss @ IF=30MHz



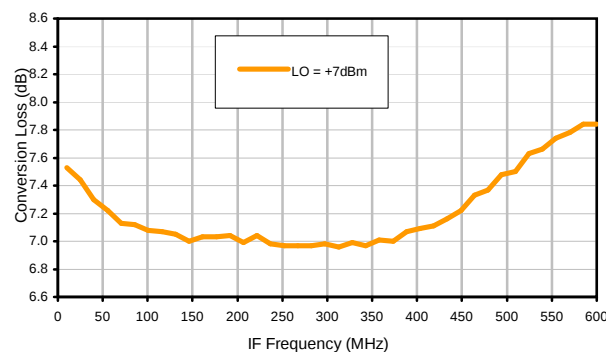
Conversion Loss vs. IF @ RF=1000.1MHz



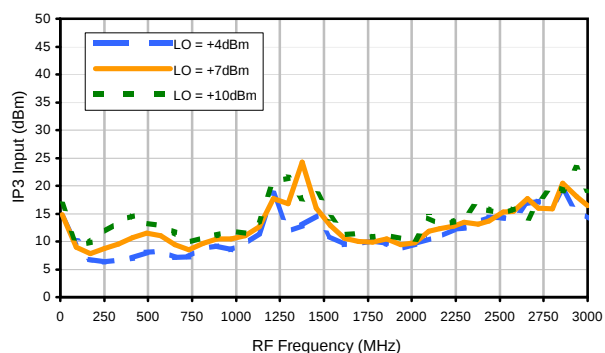
Conversion Loss vs. IF @ RF=10.1MHz



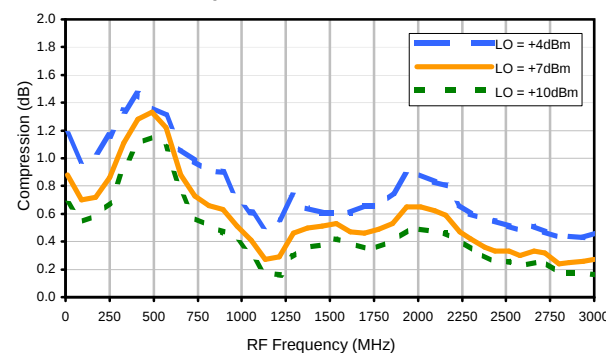
Conversion Loss vs. IF @ RF=2000.1MHz



IP3 Input

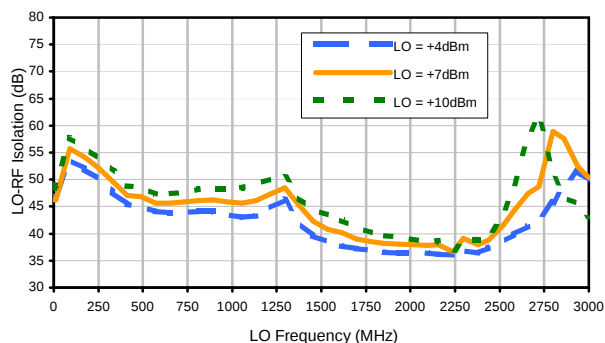


Compression @ RF IN=+1dBm

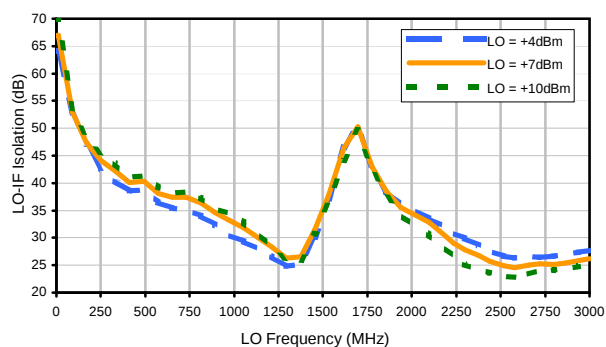


Typical Performance Curves

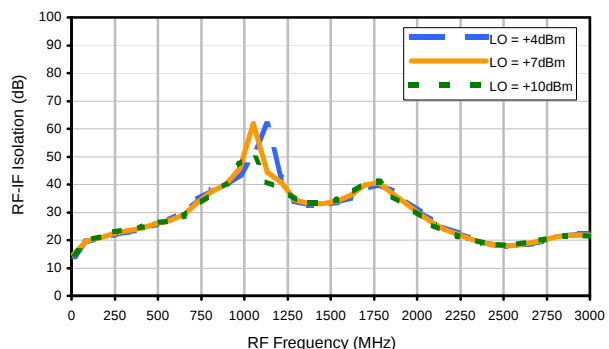
LO-RF Isolation



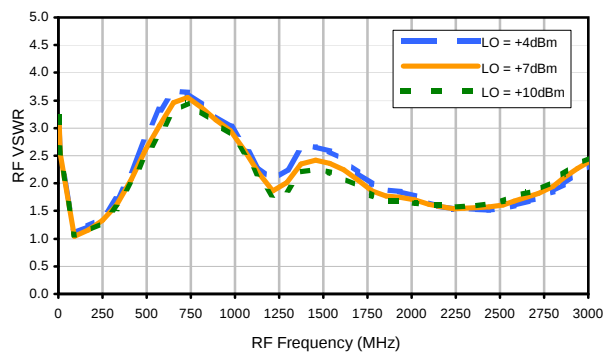
LO-IF Isolation



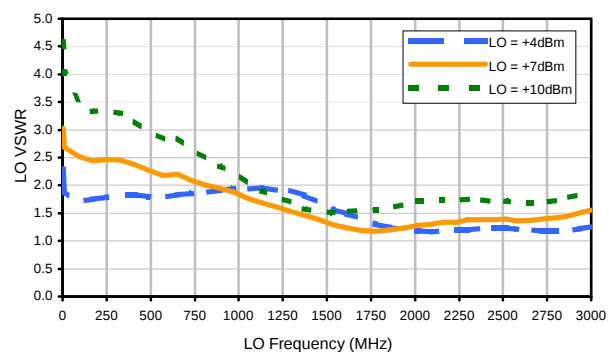
RF-IF Isolation



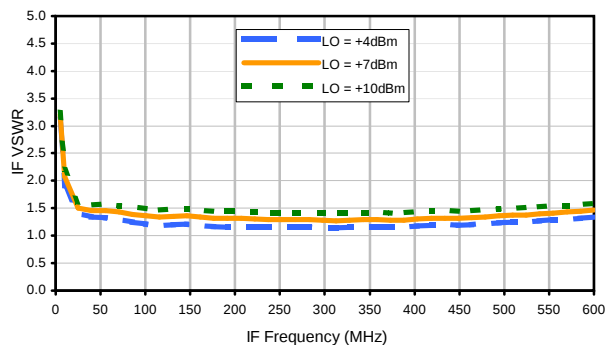
RF VSWR



LO VSWR



IF VSWR



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Page 2 of 3



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Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	4	38	19	48	24	38	48	65	41	46
1	-	48	+0	30	22	39	38	47	43	49	58	44
2	>100	68	57	58	55	69	65	>78	60	71	76	>78
3	>100	72	70	70	56	70	66	>78	76	>78	75	>78
4	>100	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78
5	>100	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78
6	>100	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78
7	>100	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78
8	>100	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78
9	>100	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78
10	>100	>78	>78	>78	>78	>78	>78	>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: 1000.1 MHz; -14.00 dBm.
LO IN: 1030.01 MHz; +7.00 dBm
IF OUT: 29.91 MHz; -21.55 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	14	49	30	59	35	50	62	72	59	57
1	-	44	+0	30	22	39	39	50	47	56	70	55
2	94	61	45	55	45	63	64	80	55	64	74	>88
3	>100	55	53	52	40	53	51	60	61	63	62	68
4	>100	>88	73	83	73	69	67	81	73	86	71	78
5	>100	86	77	68	75	66	57	68	63	71	75	75
6	>100	>88	>88	>88	79	>88	79	78	80	88	83	>88
7	>100	>88	88	>88	87	81	>88	78	72	84	78	83
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: 1000.1 MHz; -4.00 dBm.
LO IN: 1030.01 MHz; +7.00 dBm
IF OUT: 29.91 MHz; -11.58 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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Page 3 of 3



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