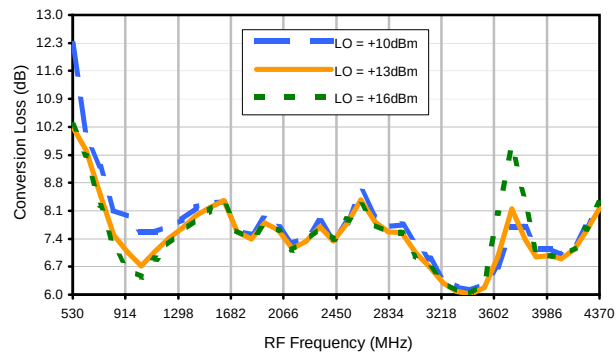
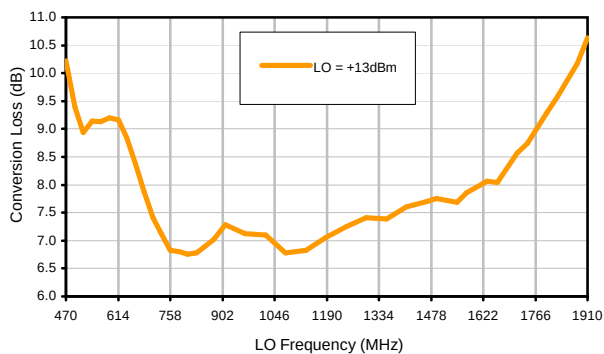


Typical Performance Curves

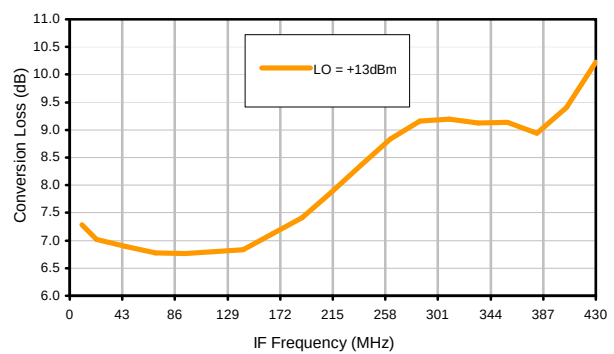
Conversion Loss @ IF=30MHz



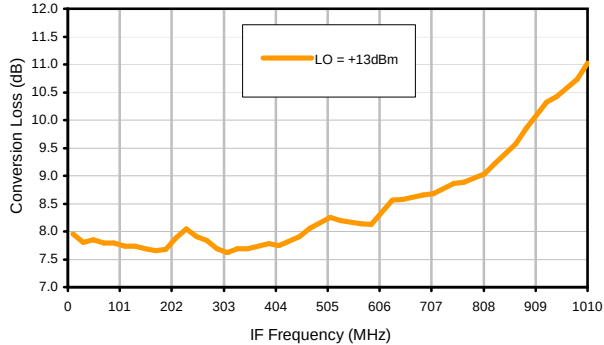
Conversion Loss vs. LO @ RF=900MHz



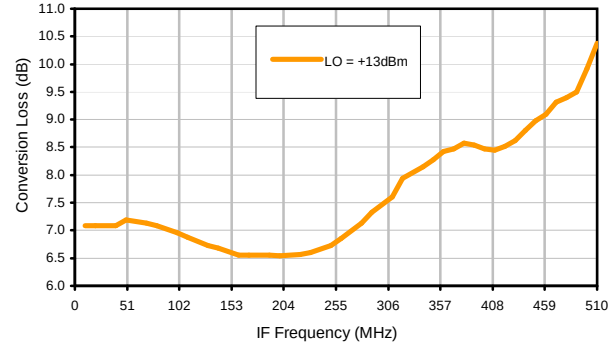
Conversion Loss vs. IF @ RF=900MHz



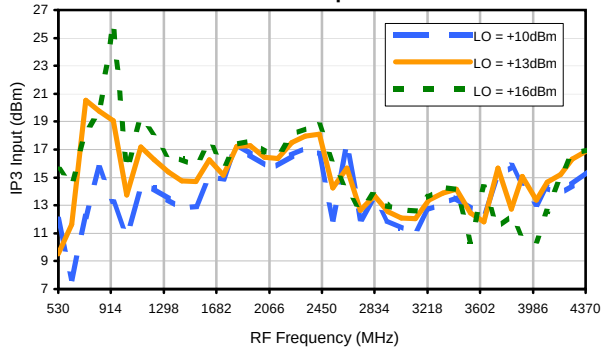
Conversion Loss vs. IF @ RF=789.9MHz



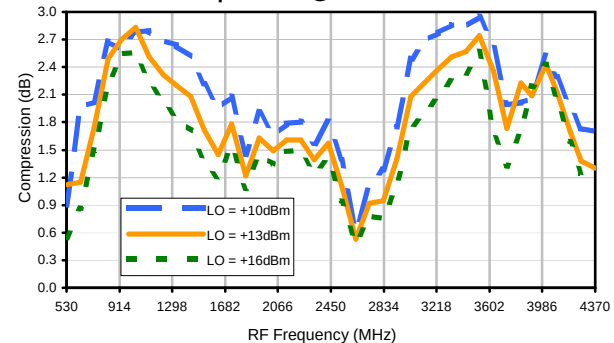
Conversion Loss vs. IF @ RF=1010.1MHz



IP3 Input



Compression @ RF IN=+8dBm



REV. X3

MBA-EE7756/28

101012

Page 1 of 3



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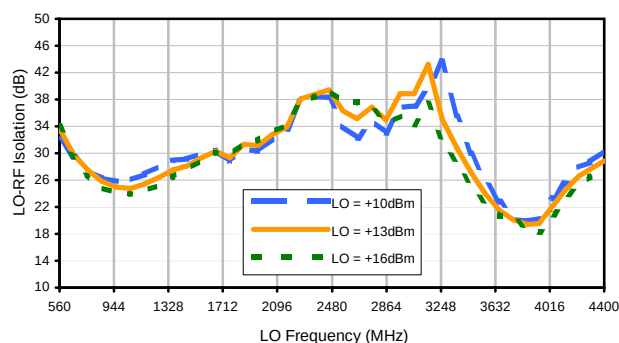


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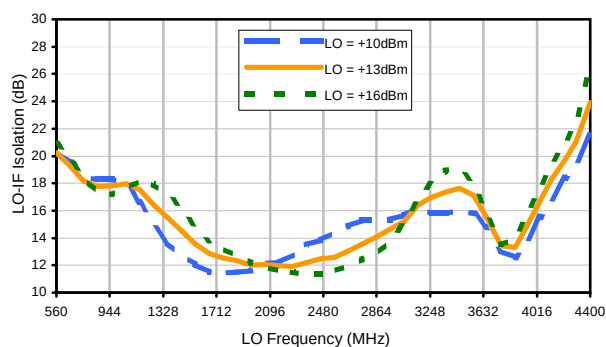


Typical Performance Curves

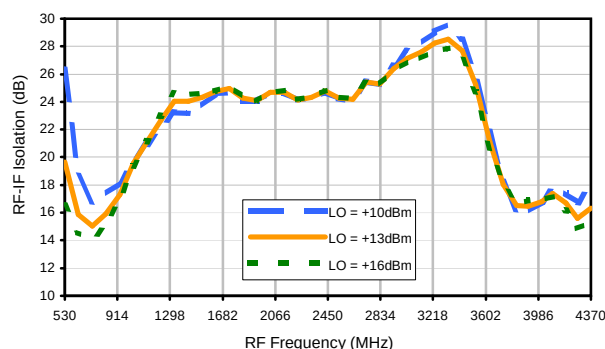
LO-RF Isolation



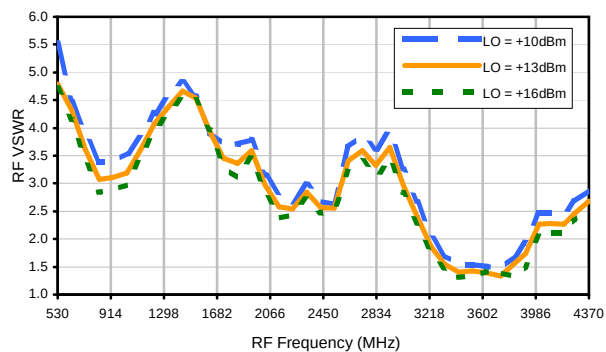
LO-IF Isolation



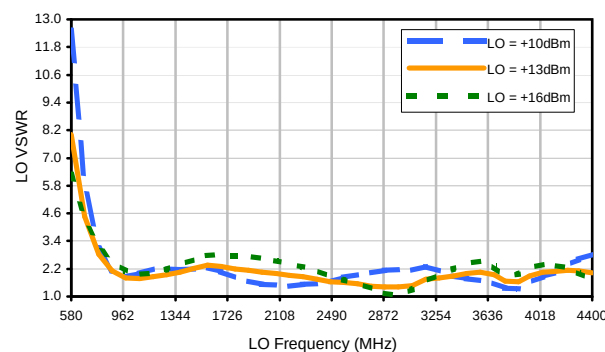
RF-IF Isolation



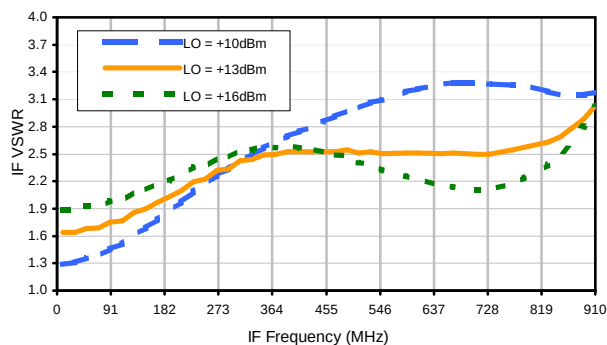
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+10	34	1	41	19	40	16	44	37	46
1	-	10	+0	19	34	40	37	24	33	44	40	44
2	76	47	45	51	49	63	48	59	50	45	47	52
3	>90	67	69	50	51	57	69	>76	58	54	55	59
4	>90	>76	>76	>76	73	73	>76	>76	>76	>76	68	74
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: 900 MHz; -7.00 dBm.
LO IN: 930 MHz; +13.00 dBm
IF OUT: 30 MHz; -14.28 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+0	39	11	51	29	48	31	66	41	53
1	-	9	+0	25	35	54	36	36	54	47	44	50
2	56	36	35	46	37	57	43	63	65	49	45	53
3	88	43	48	37	39	36	55	57	60	44	54	54
4	>90	57	53	72	45	49	58	65	56	67	60	60
5	>90	47	68	66	61	48	44	56	64	74	53	59
6	>90	63	53	71	73	64	51	58	63	69	77	66
7	>90	72	60	54	81	74	67	61	54	63	>86	78
8	>90	83	78	69	63	74	78	69	59	63	72	84
9	>90	78	83	75	71	72	78	79	76	70	71	68
10	>90	77	77	82	82	75	79	>86	>86	80	69	68
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 900 MHz; 3.00 dBm.
LO IN: 930 MHz; +13.00 dBm
IF OUT: 30 MHz; -4.38 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.