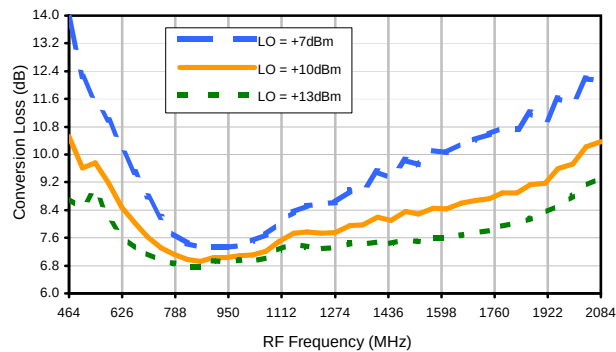
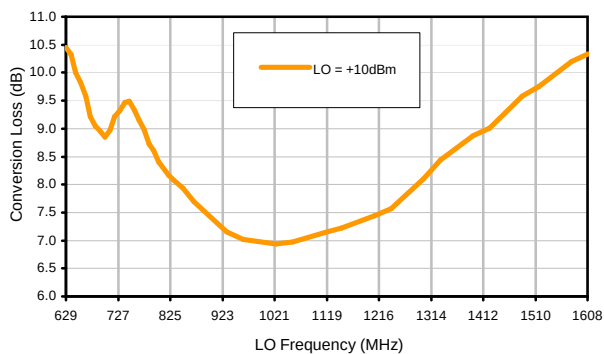


Typical Performance Curves

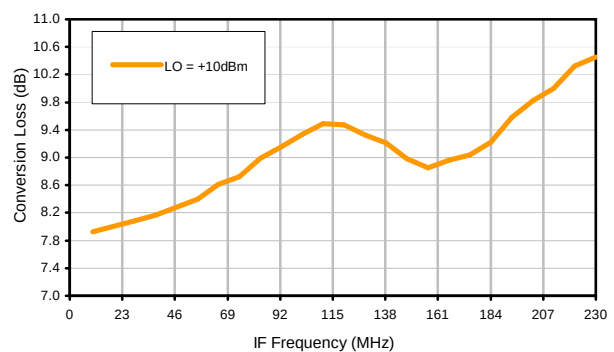
Conversion Loss @ IF=189MHz



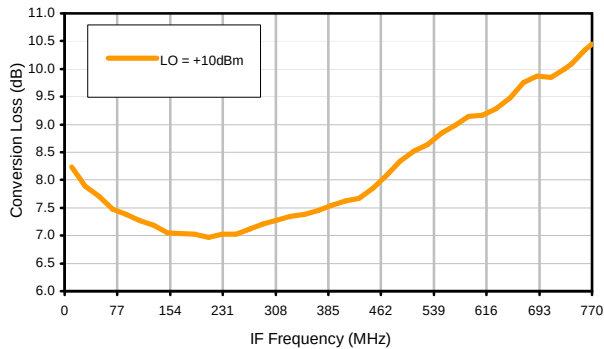
Conversion Loss vs. LO @ RF=859MHz



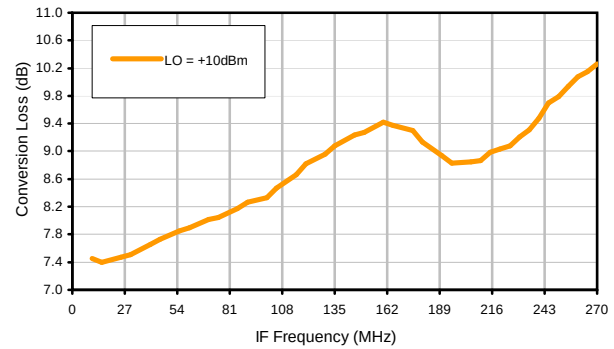
Conversion Loss vs. IF @ RF=859MHz



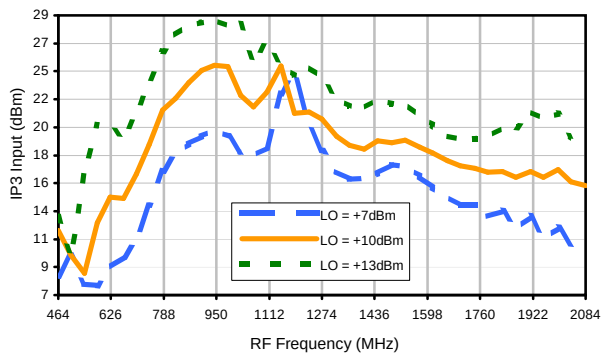
Conversion Loss vs. IF @ RF=813.9MHz



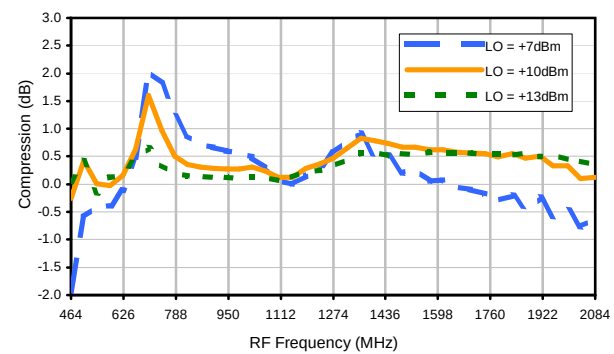
Conversion Loss vs. IF @ RF=904.1MHz



IP3 Input



Compression @ RF IN=+10dBm



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Page 1 of 3



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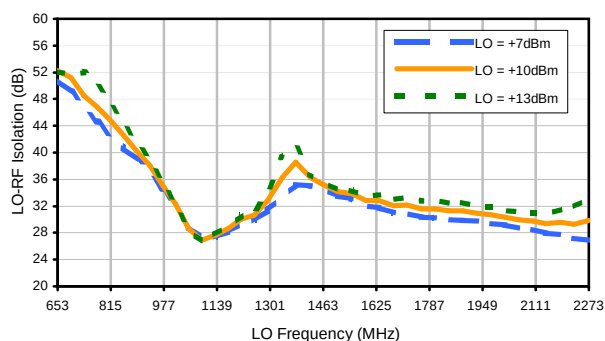


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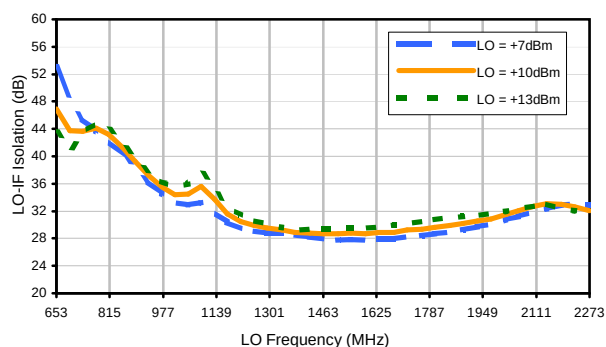


Typical Performance Curves

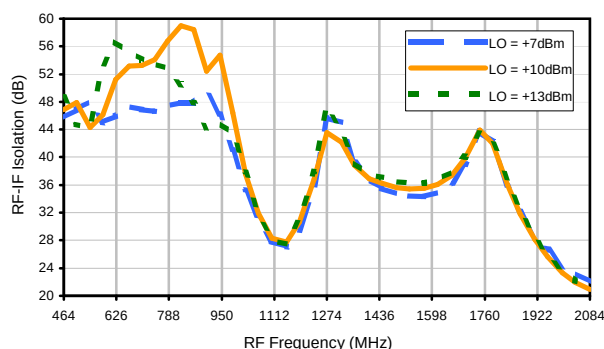
LO-RF Isolation



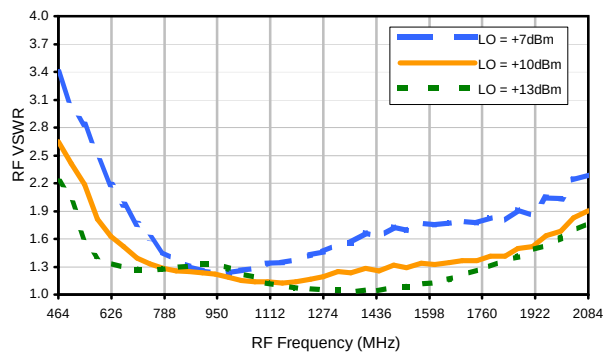
LO-IF Isolation



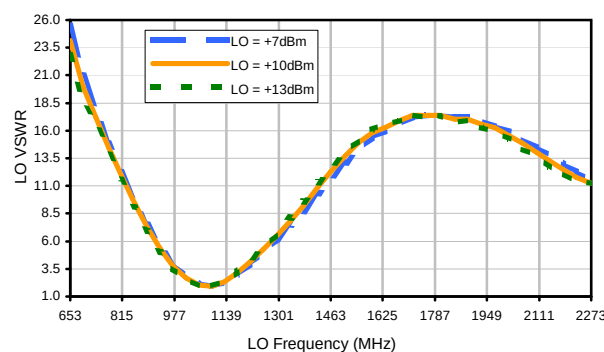
RF-IF Isolation



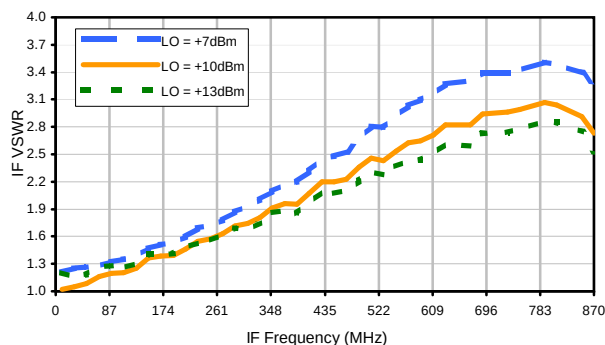
RF VSWR



LO VSWR



IF VSWR



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Page 2 of 3



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Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	13	14	18	30	25	33	33	42	36	43
1	-	49	+0	52	14	41	21	49	25	52	39	54
2	73	56	67	52	67	59	58	57	60	56	66	60
3	>90	72	61	>78	58	75	61	>78	60	74	63	>78
4	>90	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78
5	>90	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78
6	>90	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78
7	>90	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78
8	>90	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78
9	>90	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78
10	>90	>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: 859 MHz; -5.00 dBm.
LO IN: 1048 MHz; +10.00 dBm
IF OUT: 189 MHz; -12.36 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	22	25	29	40	39	44	48	50	49	56
1	-	49	+0	52	14	41	23	52	28	52	43	55
2	53	46	56	41	55	49	49	49	51	50	60	55
3	80	53	41	61	38	60	42	63	42	57	46	77
4	>90	64	85	67	67	70	74	72	67	66	76	67
5	>90	84	76	75	70	78	65	74	70	76	61	74
6	>90	86	>88	78	83	75	80	75	82	75	>88	80
7	>90	>88	86	>88	85	>88	79	87	79	85	79	>88
8	>90	>88	>88	>88	>88	>88	>88	>88	87	86	>88	87
9	>90	>88	>88	>88	>88	>88	>88	>88	>88	>88	86	>88
10	>90	>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: 859 MHz; 5.00 dBm.
LO IN: 1048 MHz; +10.00 dBm
IF OUT: 189 MHz; -2.49 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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