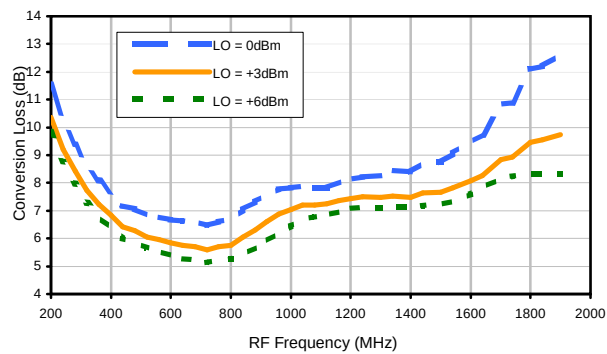
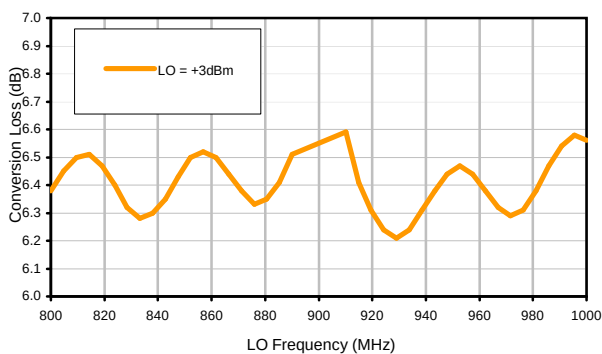


Typical Performance Curves

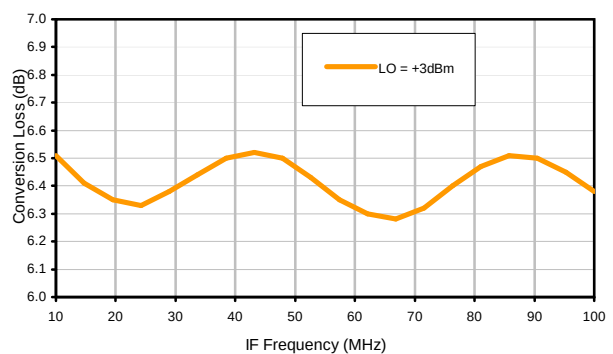
Conversion Loss @ IF=30MHz



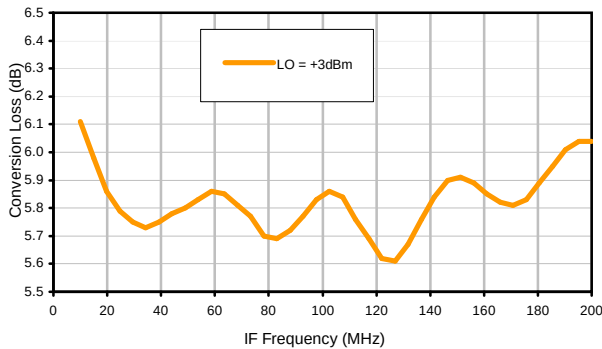
Conversion Loss vs. LO @ RF=900.1MHz



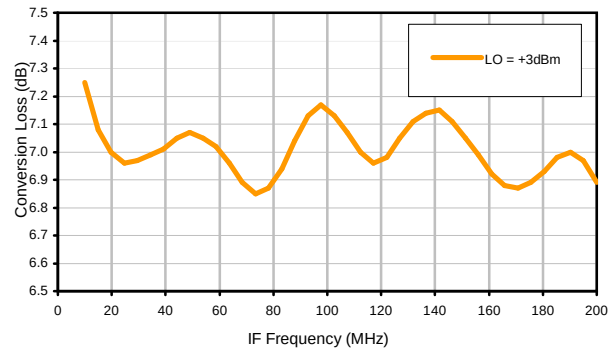
Conversion Loss vs. IF @ RF=900.1MHz



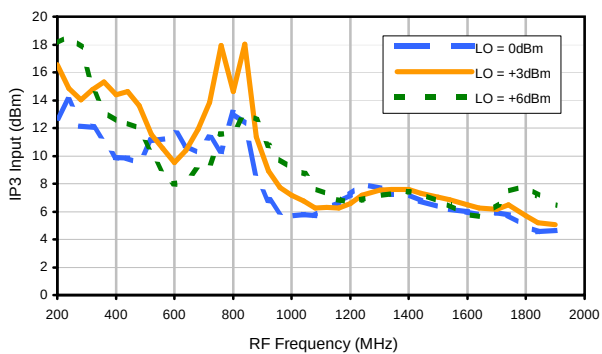
Conversion Loss vs. IF @ RF=800.1MHz



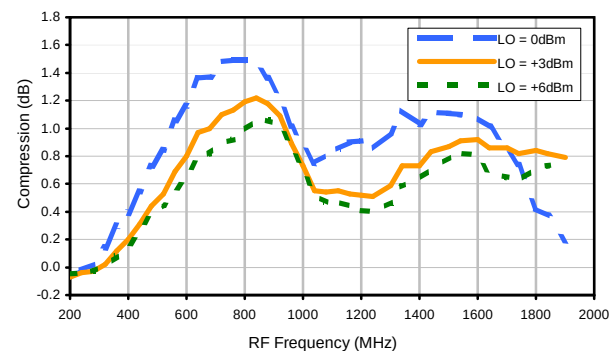
Conversion Loss vs. IF @ RF=1000.1MHz



IP3 Input



Compression @ RF IN=-3dBm



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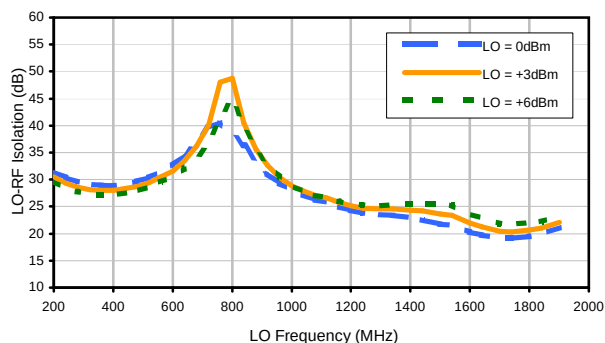


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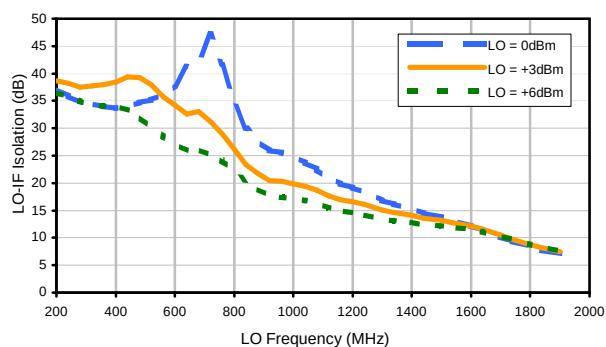


Typical Performance Curves

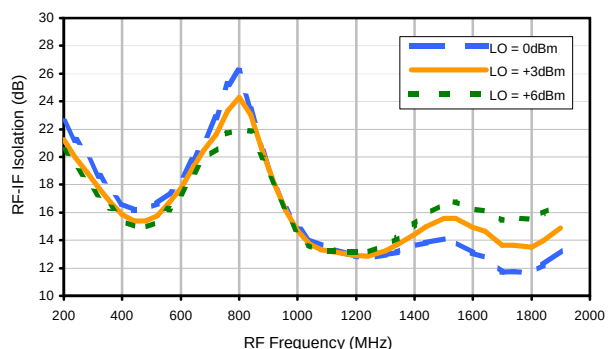
LO-RF Isolation



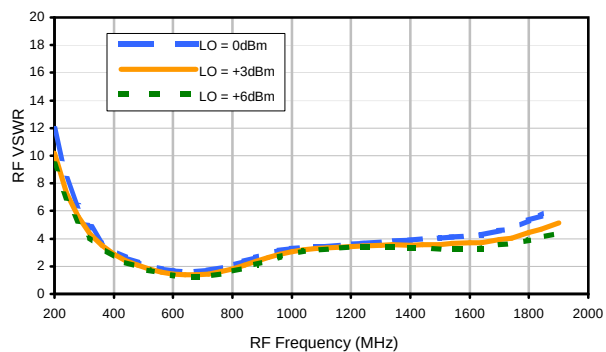
LO-IF Isolation



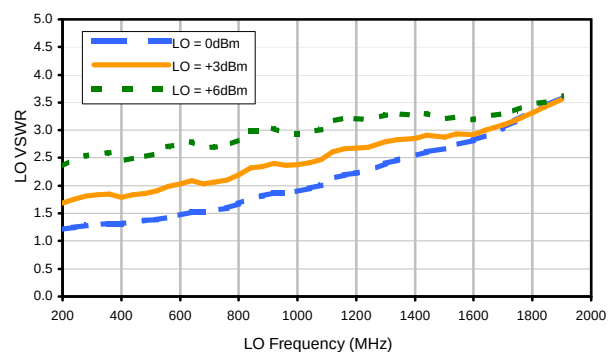
RF-IF Isolation



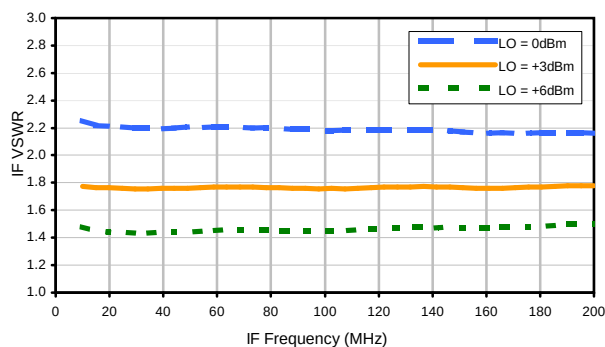
RF VSWR



LO VSWR



IF VSWR



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Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+6	8	5	25	18	40	49	52	47	57
1	-	13	+0	26	21	33	37	39	50	61	72	64
2	>100	43	39	41	38	47	48	55	62	67	>76	68
3	>100	65	59	58	68	63	73	64	>76	70	>76	>76
4	>100	>76	>76	>76	>76	76	>76	>76	>76	>76	>76	>76
5	>100	>76	>76	>76	>76	>76	>76	>76	>76	>76	>76	>76
6	>100	>76	>76	>76	>76	>76	>76	>76	>76	>76	>76	>76
7	>100	>76	>76	>76	>76	>76	>76	>76	>76	>76	>76	>76
8	>100	>76	>76	>76	>76	>76	>76	>76	>76	>76	>76	>76
9	>100	>76	>76	>76	>76	>76	>76	>76	>76	>76	>76	>76
10	>100	>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: 900.1 MHz; -18.00 dBm.
LO IN: 930.1 MHz; +3.00 dBm
IF OUT: 30 MHz; -24.42 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	3	20	18	40	29	57	75	69	80	>86
1	-	13	+0	26	22	36	42	46	56	76	67	78
2	99	32	30	33	29	40	40	51	59	70	77	75
3	>100	44	40	39	57	47	55	51	62	58	76	82
4	>100	61	58	58	54	50	60	56	59	66	76	82
5	>100	74	65	73	65	58	63	60	74	63	>86	72
6	>100	>86	>86	75	80	73	70	68	73	73	73	84
7	>100	>86	>86	>86	>86	>86	>86	75	76	79	>86	77
8	>100	>86	>86	>86	>86	>86	>86	>86	84	81	83	>86
9	>100	>86	>86	>86	>86	>86	>86	>86	>86	>86	85	>86
10	>100	>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: 900.1 MHz; -8.00 dBm.
LO IN: 930.1 MHz; +3.00 dBm
IF OUT: 30 MHz; -14.49 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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