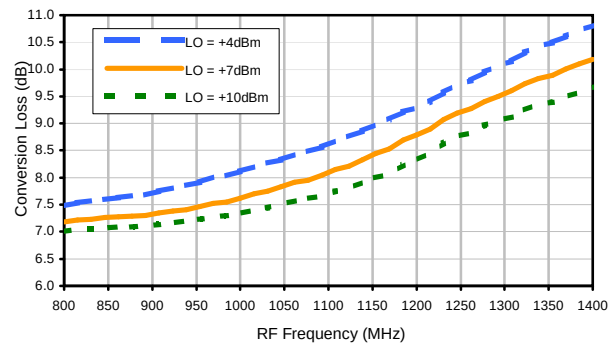
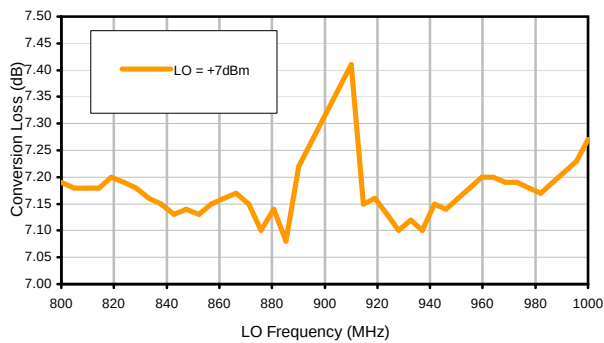


Typical Performance Curves

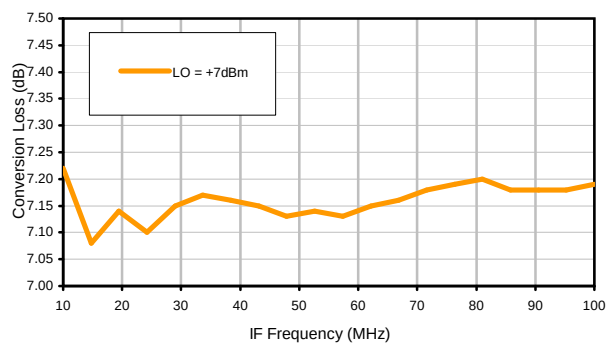
Conversion Loss @ IF=30MHz



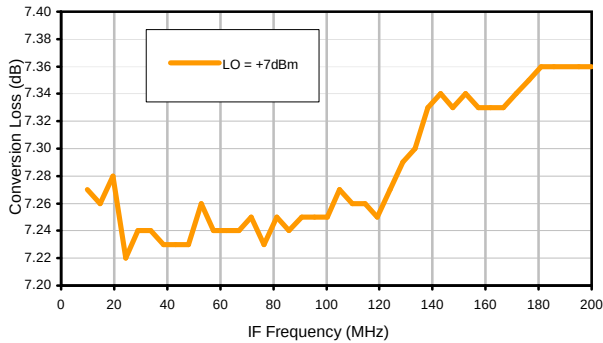
Conversion Loss vs. LO @ RF=900.1MHz



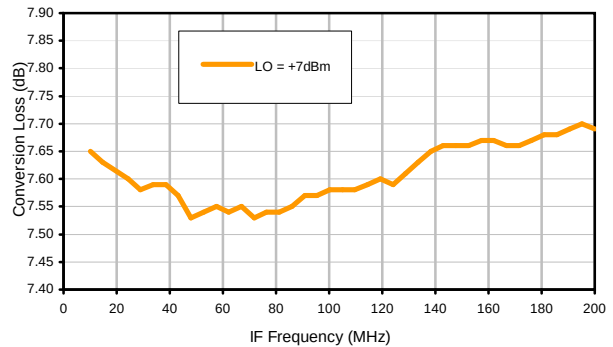
Conversion Loss vs. IF @ RF=900.1MHz



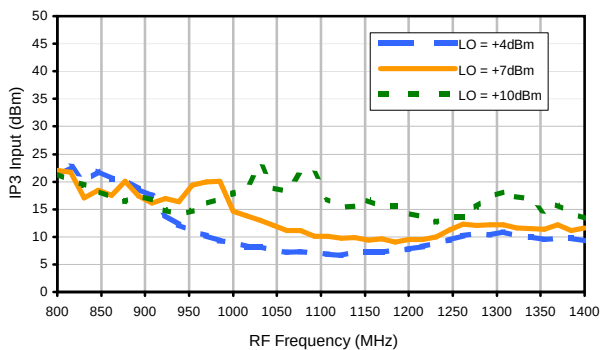
Conversion Loss vs. IF @ RF=800.1MHz



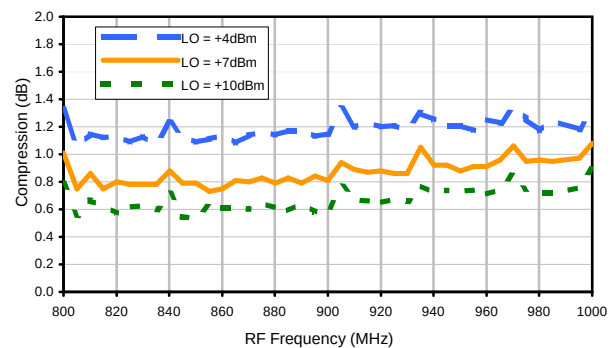
Conversion Loss vs. IF @ RF=1000.1MHz



IP3 Input



Compression @ RF IN=+1dBm



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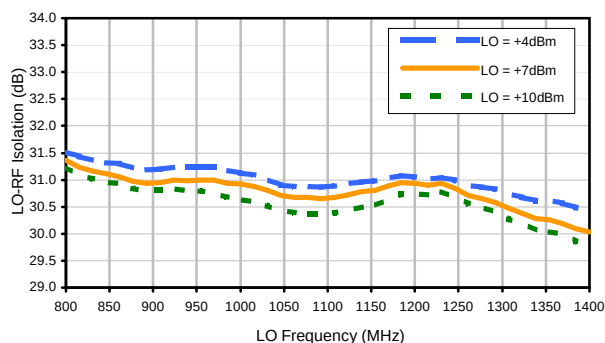


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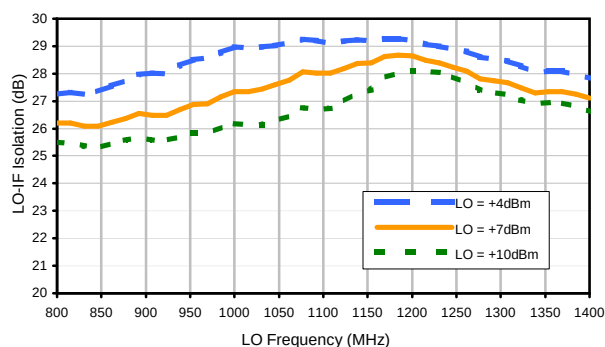


Typical Performance Curves

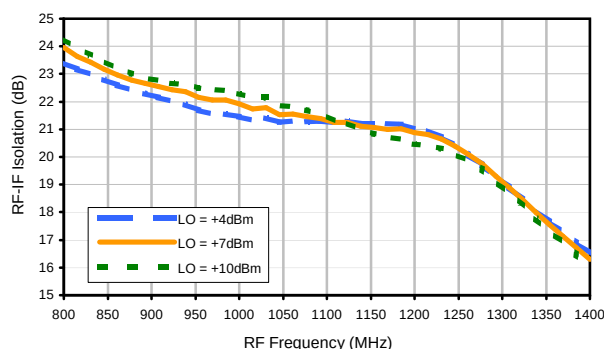
LO-RF Isolation



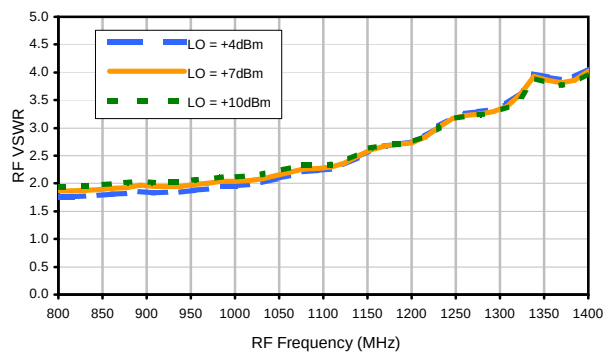
LO-IF Isolation



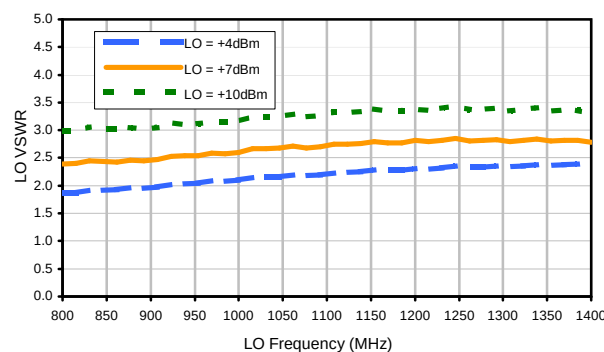
RF-IF Isolation



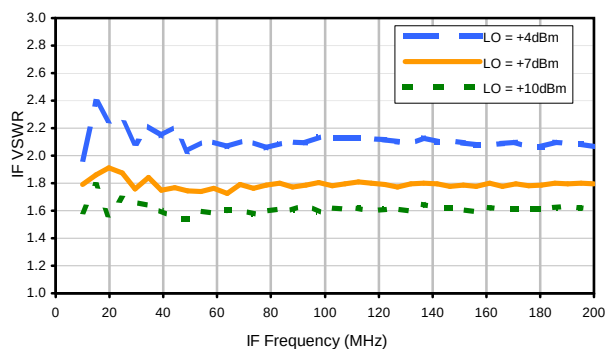
RF VSWR



LO VSWR



IF VSWR



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Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	26	26	20	40	31	44	51	67	66	70
1	-	16	+0	36	12	41	37	40	51	60	72	68
2	90	53	56	63	55	54	48	57	52	62	69	79
3	129	52	56	47	53	48	45	66	59	56	63	79
4	112	76	88	64	68	65	66	74	72	79	76	87
5	113	77	75	82	74	76	65	70	67	76	82	86
6	115	107	94	99	96	84	81	80	80	85	98	89
7	109	111	98	108	110	95	96	84	93	83	89	99
8	95	93	108	111	111	109	103	97	96	93	94	107
9	122	119	108	107	108	117	112	106	106	99	100	100
10	109	111	110	116	117	117	112	116	126	108	102	99
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions: RF IN: 900.1 MHz; -4.00 dBm.
LO IN: 930.01 MHz; +7.00 dBm
IF OUT: 29.91 MHz; -11.35 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	16	16	10	29	19	32	38	54	52	57
1	-	16	+0	31	11	44	36	36	46	57	68	63
2	110	58	74	64	63	60	56	72	61	71	77	95
3	119	72	77	67	72	67	67	80	82	78	81	105
4	112	99	108	90	94	81	95	93	103	106	103	100
5	115	107	105	110	114	102	82	113	102	102	108	107
6	117	96	104	104	106	102	103	83	97	100	109	98
7	133	100	102	100	102	113	95	99	84	97	106	98
8	103	101	105	103	106	108	98	111	96	95	100	103
9	121	98	97	105	114	103	99	113	105	92	96	95
10	107	110	111	97	110	103	108	104	102	98	94	84
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions: RF IN: 900.1 MHz; -14.00 dBm.
LO IN: 930.01 MHz; +7.00 dBm
IF OUT: 29.91 MHz; -21.21 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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