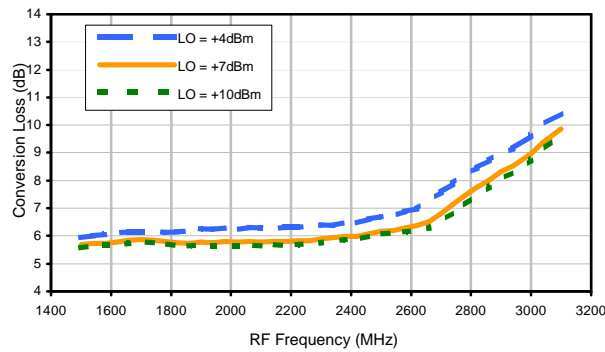
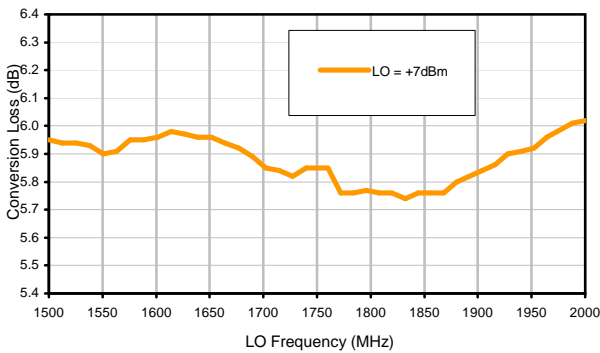


Typical Performance Curves

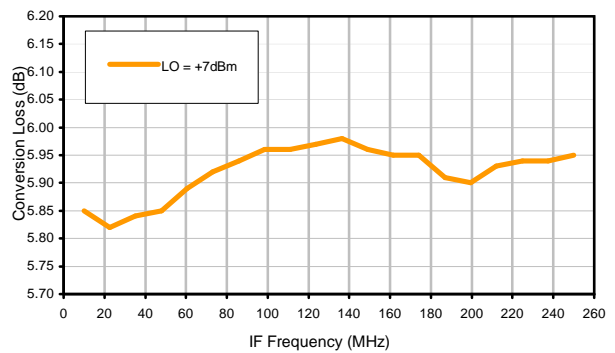
Conversion Loss @ IF=30MHz



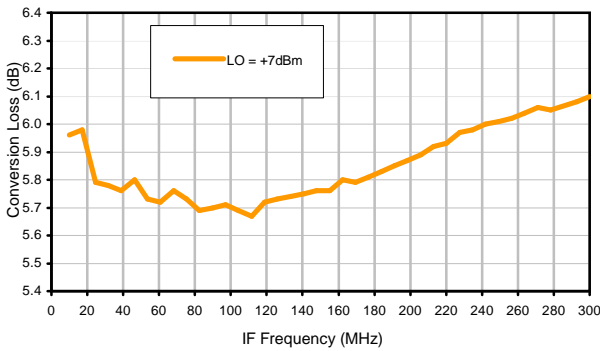
Conversion Loss vs. LO @ RF=1750.1MHz



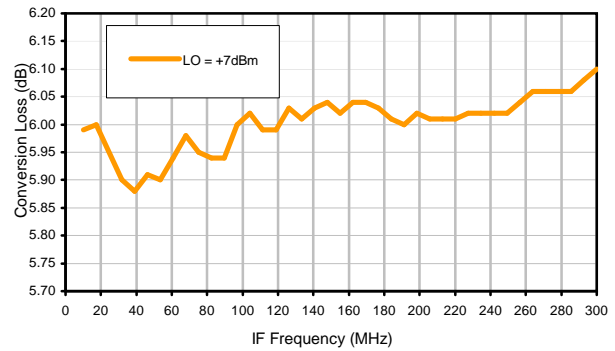
Conversion Loss vs. IF @ RF=1750.1MHz



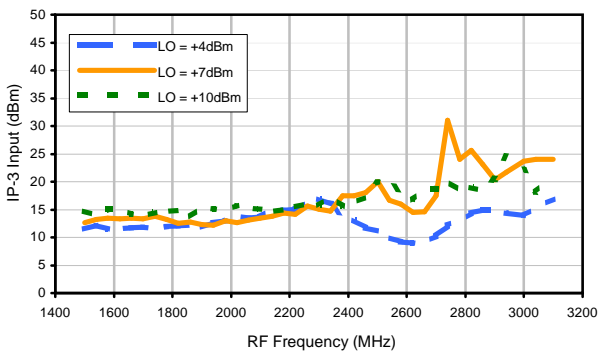
Conversion Loss vs. IF @ RF=1500.1MHz



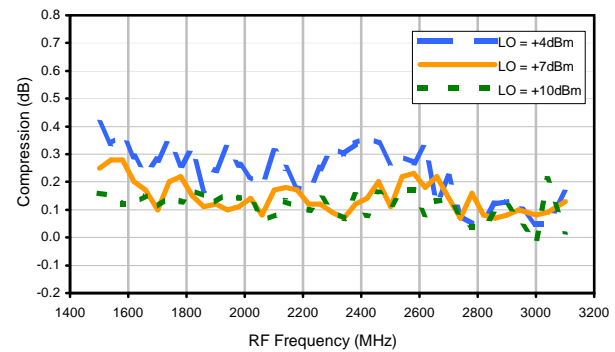
Conversion Loss vs. IF @ RF=2000.1MHz



IP3 Input

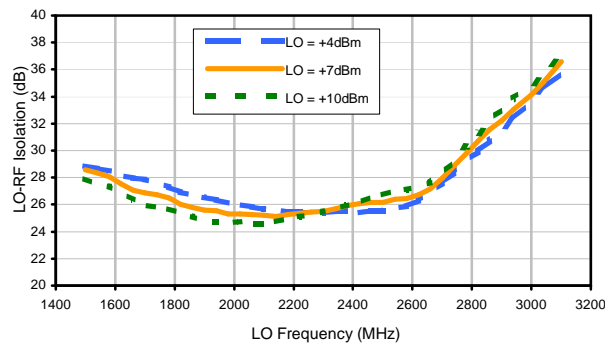


Compression @ RF IN=+1dBm

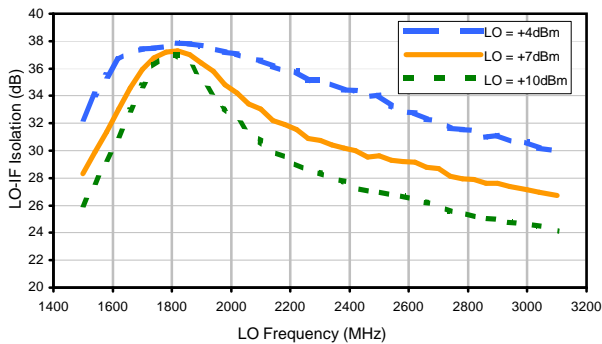


Typical Performance Curves

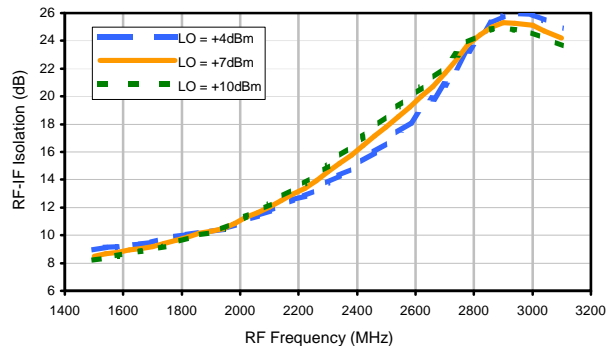
LO-RF Isolation



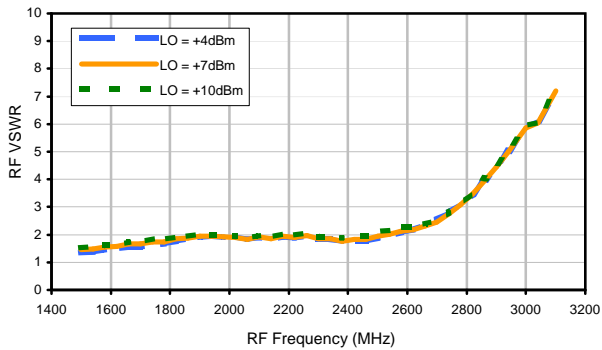
LO-IF Isolation



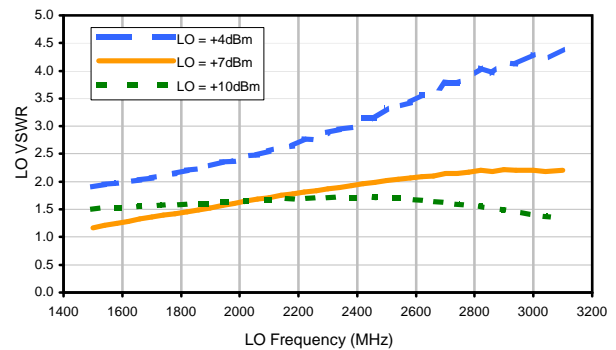
RF-IF Isolation



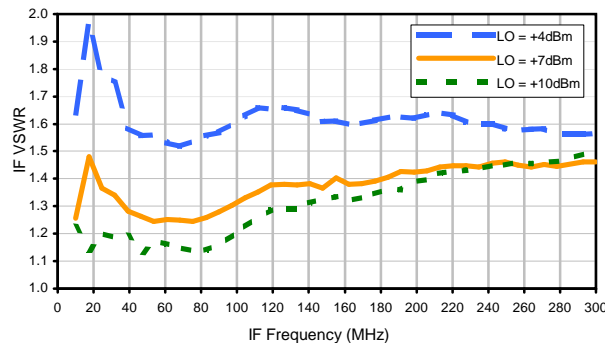
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	12	24	13	25	27	34	35	42	38	47
1	-	3	+0	39	37	32	40	38	38	43	45	57
2	100	77	75	68	72	72	63	64	64	66	61	70
3	114	74	83	77	63	78	88	76	79	79	75	79
4	107	107	99	108	104	84	104	103	95	97	98	96
5	112	107	110	110	105	111	91	102	102	111	101	108
6	115	98	102	97	101	102	115	88	107	106	115	108
7	108	106	104	102	102	107	118	103	95	104	126	109
8	109	100	112	111	102	99	106	103	109	87	115	101
9	122	108	92	99	107	103	105	104	104	103	89	109
10	108	92	105	97	100	108	107	99	115	100	105	94
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 1750.1 MHz; -14.00 dBm.
 LO IN: 1780.01 MHz; +7.00 dBm
 IF OUT: 29.91 MHz; -20 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	22	34	23	36	38	47	54	61	57	65
1	-	3	+0	39	38	34	41	39	41	46	50	62
2	80	69	65	58	64	64	53	56	54	59	56	65
3	118	56	69	59	45	61	71	58	63	60	57	62
4	123	81	81	87	97	77	82	82	75	73	72	75
5	108	98	87	85	84	82	70	83	90	81	81	83
6	112	99	112	101	100	112	108	86	101	101	90	90
7	106	100	128	127	102	101	101	99	88	104	105	100
8	106	113	121	108	110	109	113	117	111	98	115	114
9	110	111	114	103	121	107	113	109	115	111	103	126
10	114	110	110	103	119	111	118	107	122	122	120	105
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 1750.1 MHz; -4.00 dBm.
 LO IN: 1780.01 MHz; +7.00 dBm
 IF OUT: 29.91 MHz; -10.09 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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