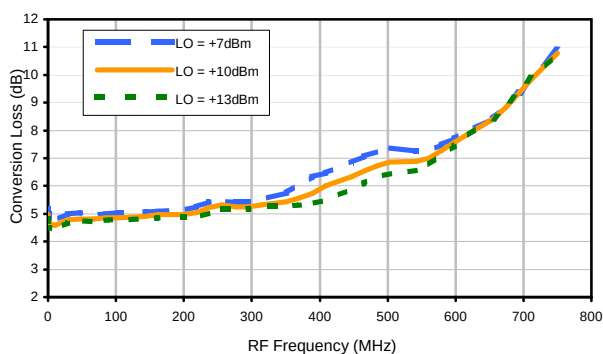
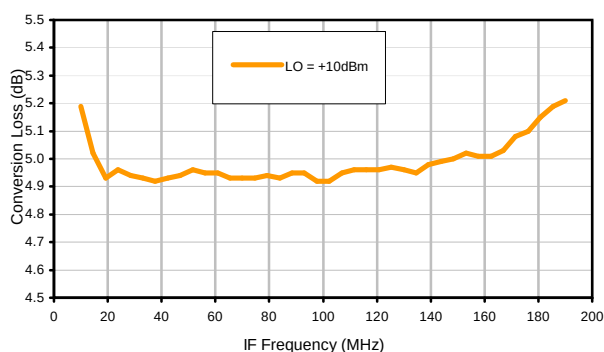


Typical Performance Curves

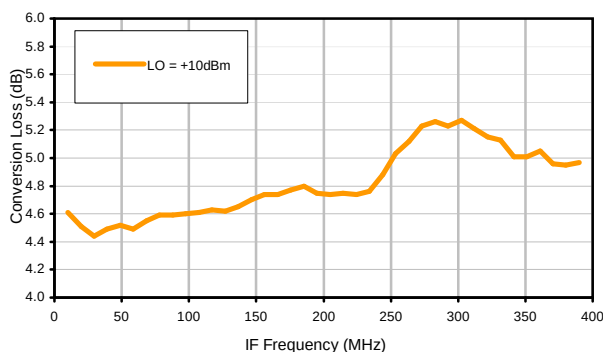
Conversion Loss @ IF=30MHz



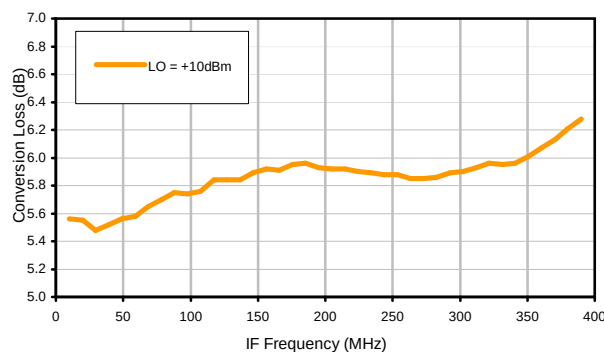
Conversion Loss vs. IF @ RF=200.1MHz



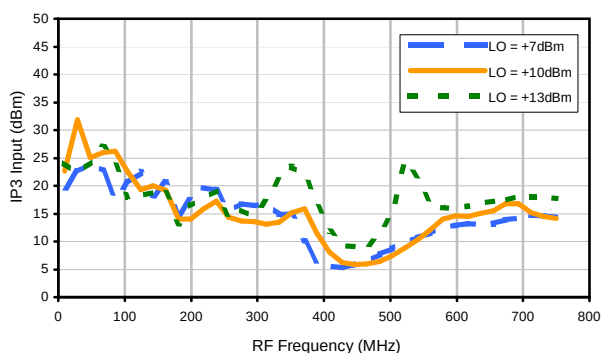
Conversion Loss vs. IF @ RF=10.1MHz



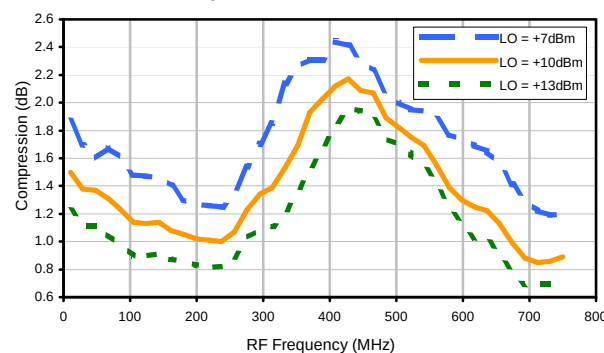
Conversion Loss vs. IF @ RF=400.1MHz



IP3 Input

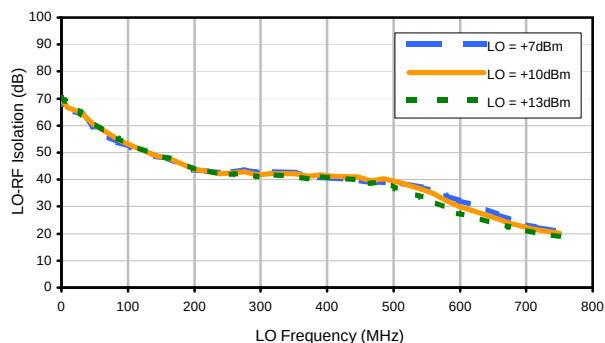


Compression @ RF IN=+5dBm

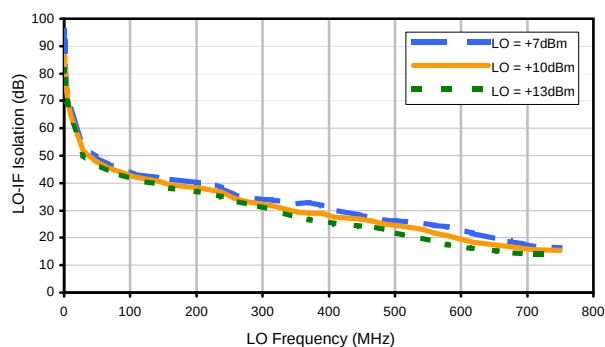


Typical Performance Curves

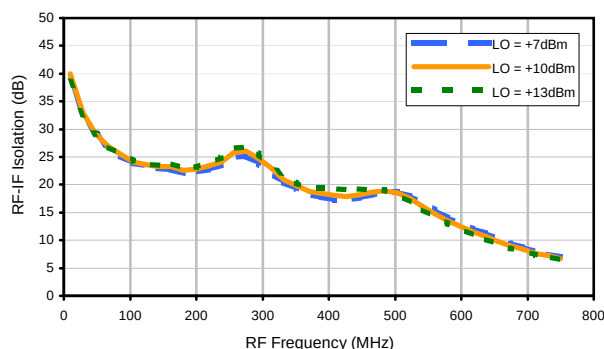
LO-RF Isolation



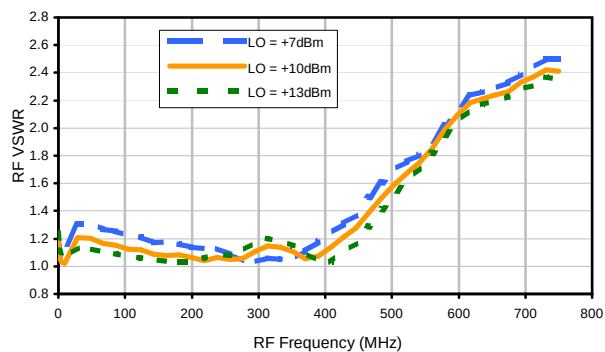
LO-IF Isolation



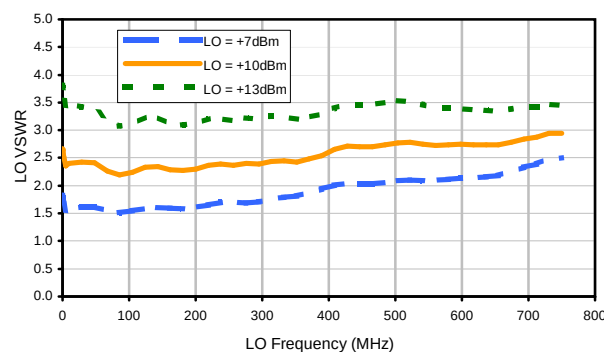
RF-IF Isolation



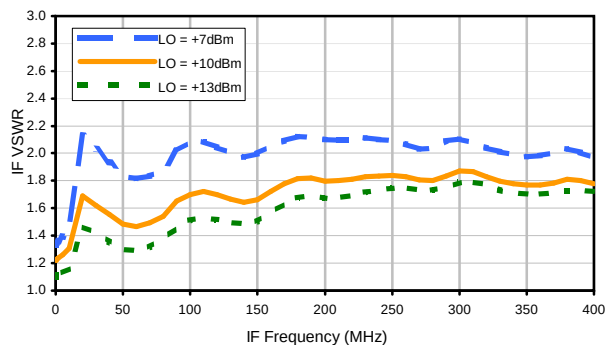
RF VSWR



LO VSWR



IF VSWR



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Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	20	38	24	49	33	55	39	50	50	54
1	-	18	+0	27	12	38	24	45	41	51	50	57
2	>100	59	42	57	42	52	42	55	68	61	50	65
3	>100	42	36	42	39	43	35	45	46	52	55	58
4	>100	66	54	71	53	64	53	69	50	66	76	70
5	>100	73	59	75	52	64	49	64	50	58	62	68
6	>100	85	69	>95	62	80	65	82	64	69	81	73
7	>100	81	78	74	70	71	64	74	60	65	56	73
8	>100	>95	87	90	89	81	72	85	67	79	68	75
9	>100	88	84	>95	78	85	74	84	79	91	72	77
10	>100	94	>95	>95	>95	>95	81	93	76	95	76	82
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions:

RF IN: 200.1 MHz; 0.00 dBm.

LO IN: 230.01 MHz; +10.00 dBm

IF OUT: 29.91 MHz; -5.23 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	11	27	12	41	22	41	24	37	36	40
1	-	17	+0	24	11	32	23	39	44	45	39	42
2	>100	68	45	56	44	64	44	63	70	74	55	63
3	>100	60	59	62	61	66	58	63	63	73	62	79
4	>100	82	79	82	74	78	71	81	72	>85	77	>85
5	>100	>85	82	>85	81	82	80	>85	77	>85	84	>85
6	>100	>85	>85	>85	>85	>85	82	>85	>85	>85	>85	>85
7	>100	>85	>85	>85	>85	>85	>85	74	>85	>85	>85	>85
8	>100	>85	>85	>85	>85	>85	>85	>85	65	>85	>85	>85
9	>100	>85	>85	>85	>85	>85	>85	>85	>85	71	>85	>85
10	>100	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions:

RF IN: 200.1 MHz; -10.00 dBm.

LO IN: 230.01 MHz; +10.00 dBm

IF OUT: 29.91 MHz; -15.2 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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