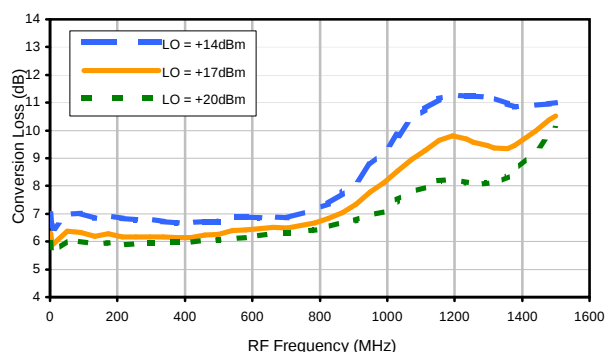
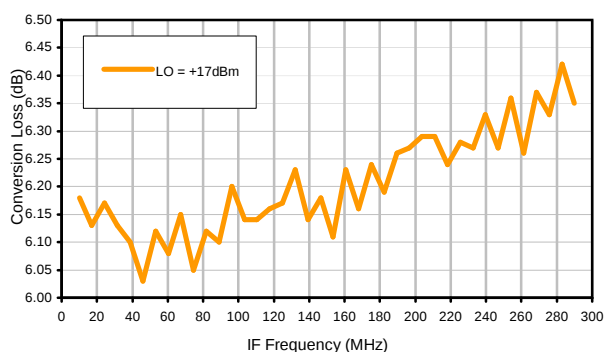


Typical Performance Curves

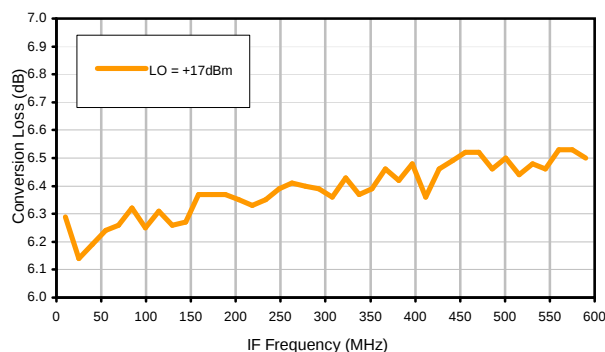
Conversion Loss @ IF=30MHz



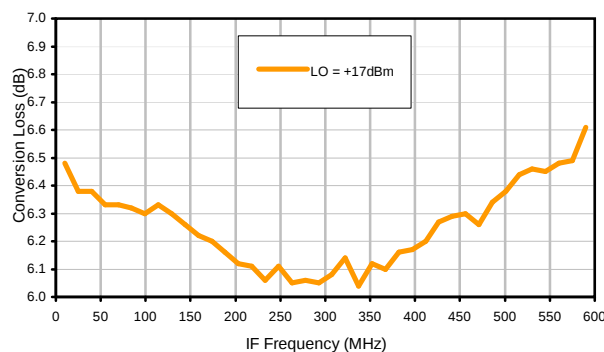
Conversion Loss vs. IF @ RF=300.1MHz



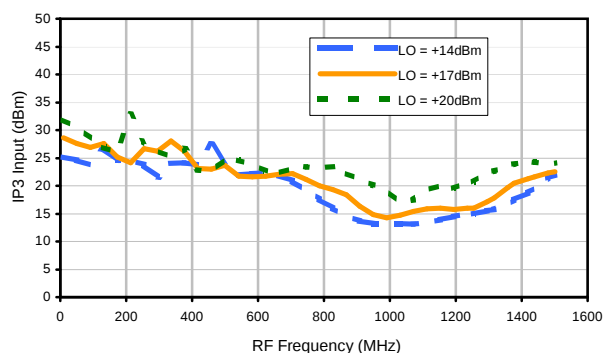
Conversion Loss vs. IF @ RF=10.1MHz



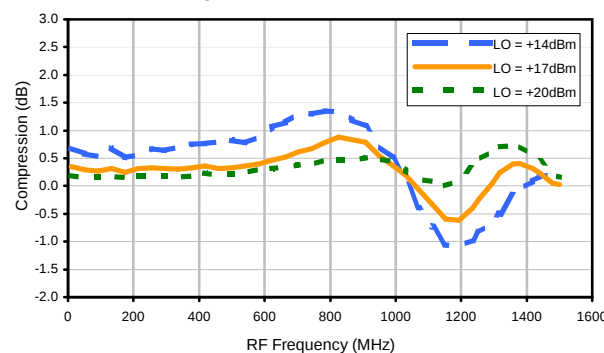
Conversion Loss vs. IF @ RF=600.1MHz



IP3 Input

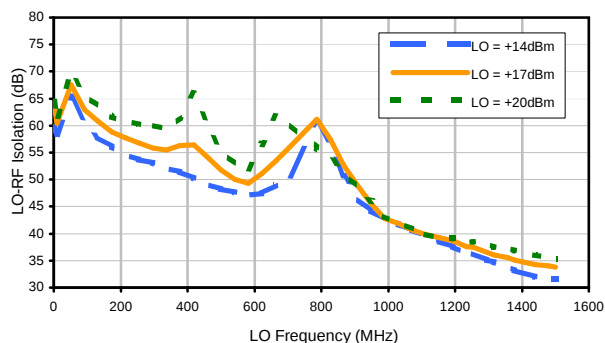


Compression @ RF IN=+14dBm

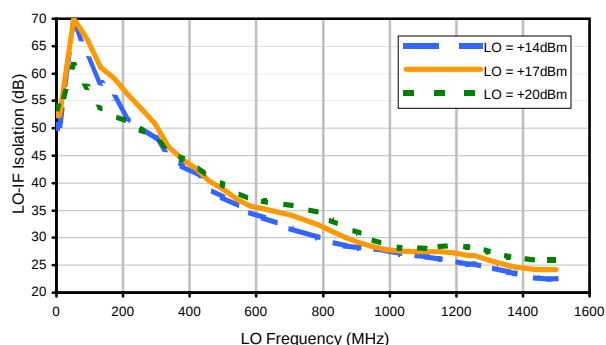


Typical Performance Curves

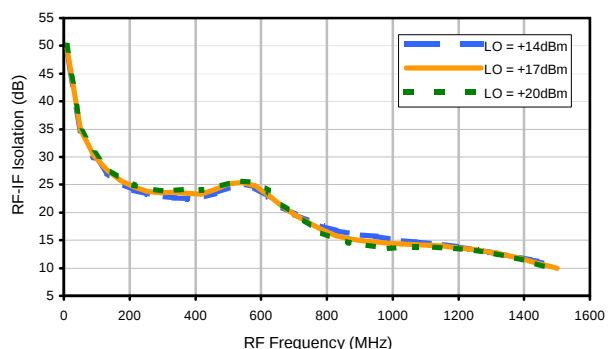
LO-RF Isolation



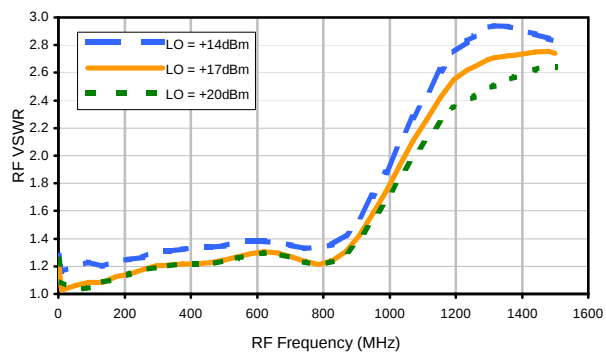
LO-IF Isolation



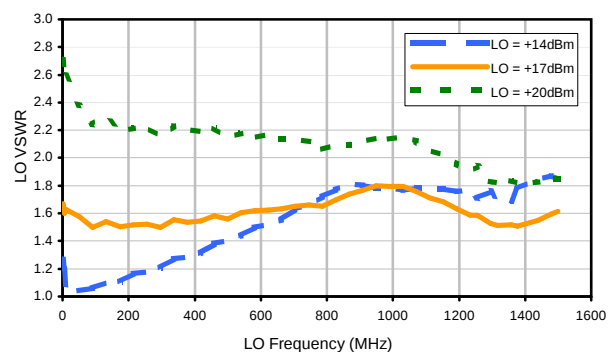
RF-IF Isolation



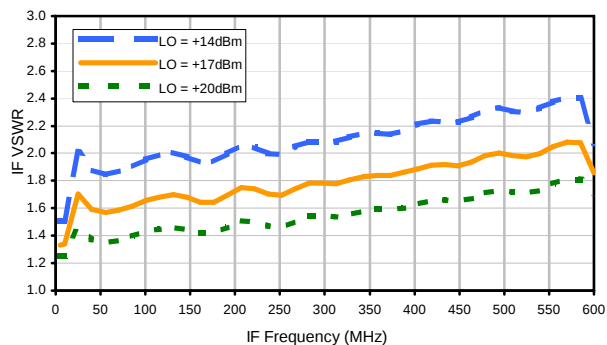
RF VSWR



LO VSWR



IF VSWR



REV. X2

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Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	24	37	18	40	27	48	36	61	39	49
1	-	17	+0	28	16	40	46	40	23	42	30	45
2	95	75	49	68	49	70	51	70	62	72	59	74
3	>100	59	54	63	48	59	44	62	43	56	44	63
4	>100	83	79	86	81	84	85	82	75	83	70	80
5	>100	72	70	76	68	75	65	75	67	82	67	83
6	>100	>93	92	>93	91	>93	90	89	90	>93	89	>93
7	>100	90	86	88	88	91	85	90	88	90	88	>93
8	>100	>93	>93	>93	>93	>93	>93	>93	90	>93	>93	>93
9	>100	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93
10	>100	>93	>93	>93	>93	>93	>93	>93	>93	>93	82	>93
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions:

RF IN: 300.1 MHz; -1.00 dBm.
LO IN: 330.01 MHz; +17.00 dBm
IF OUT: 29.91 MHz; -7.38 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	34	51	32	57	47	60	49	64	50	57
1	-	17	+0	29	15	40	28	41	35	49	43	54
2	80	69	47	60	46	59	45	69	49	64	63	79
3	>100	45	45	49	57	59	41	54	40	50	38	57
4	>100	68	60	73	60	73	61	71	62	75	68	77
5	>100	64	66	65	56	61	49	55	46	57	45	60
6	>100	72	70	75	69	80	72	81	76	77	70	90
7	>100	68	79	71	73	68	64	65	59	64	59	68
8	>100	100	81	81	78	88	79	100	81	84	80	80
9	>100	83	76	74	73	70	69	72	66	71	67	74
10	>100	101	>103	>103	95	99	97	101	93	90	88	84
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions:

RF IN: 300.1 MHz; 9.00 dBm.
LO IN: 330.01 MHz; +17.00 dBm
IF OUT: 29.91 MHz; 2.68 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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