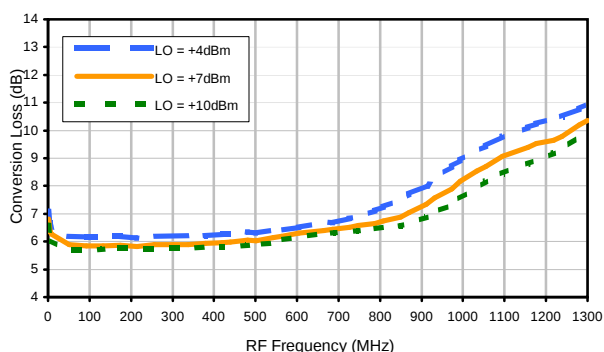
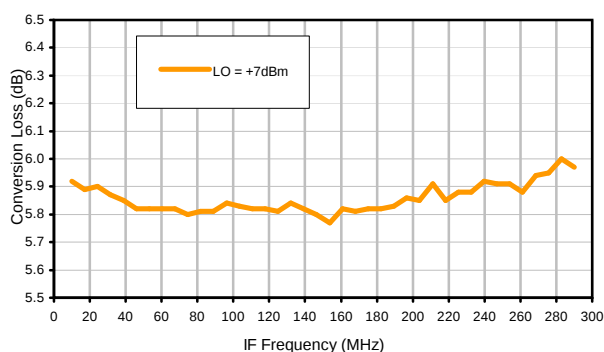


Typical Performance Curves

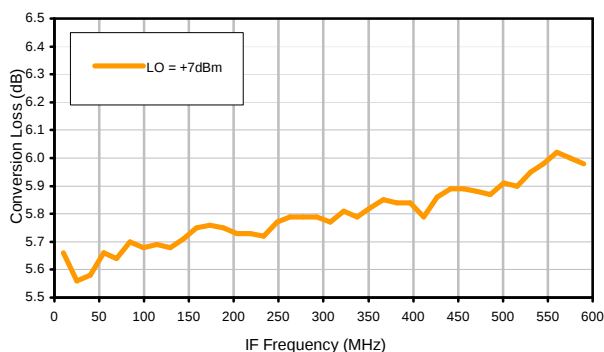
Conversion Loss @ IF=30MHz



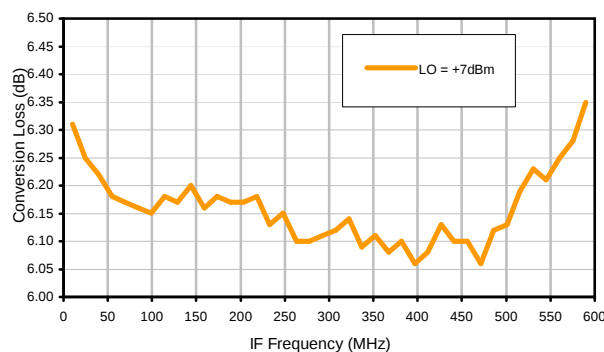
Conversion Loss vs. IF @ RF=300.1MHz



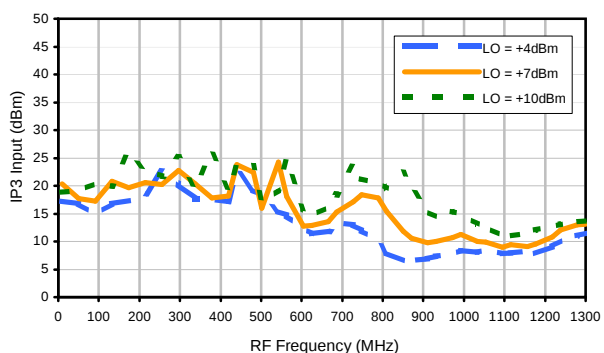
Conversion Loss vs. IF @ RF=10.1MHz



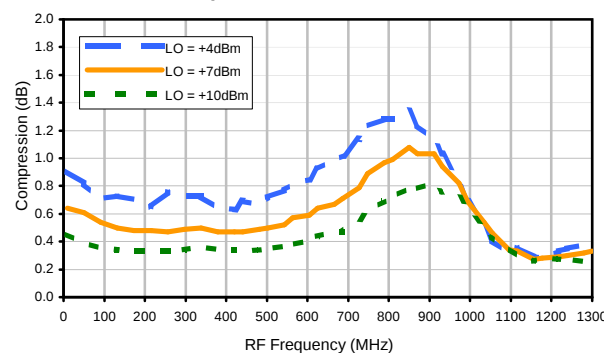
Conversion Loss vs. IF @ RF=600.1MHz



IP3 Input

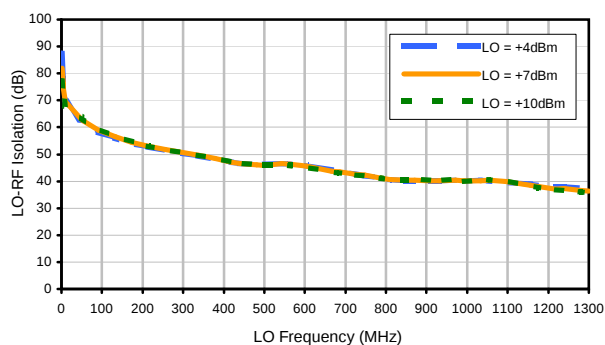


Compression @ RF IN=+1dBm

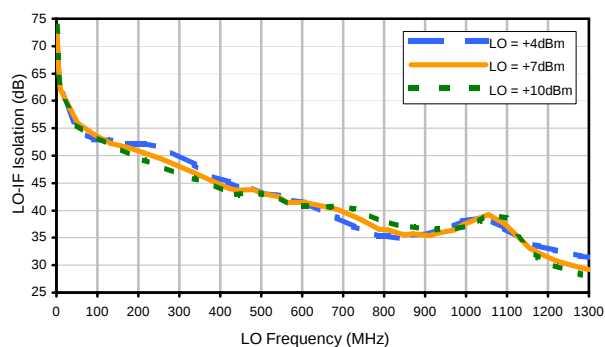


Typical Performance Curves

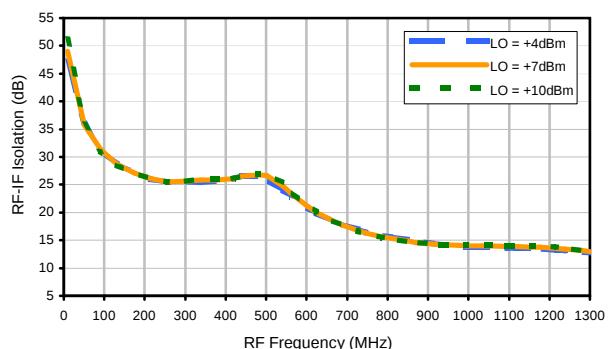
LO-RF Isolation



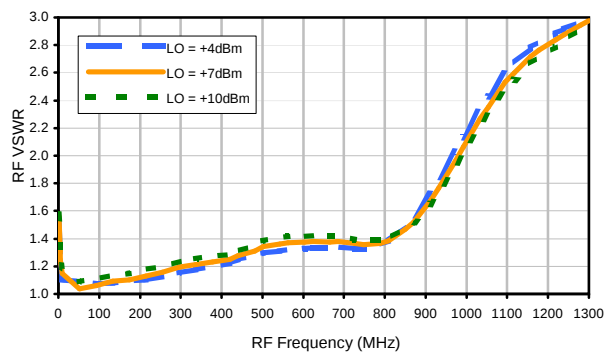
LO-IF Isolation



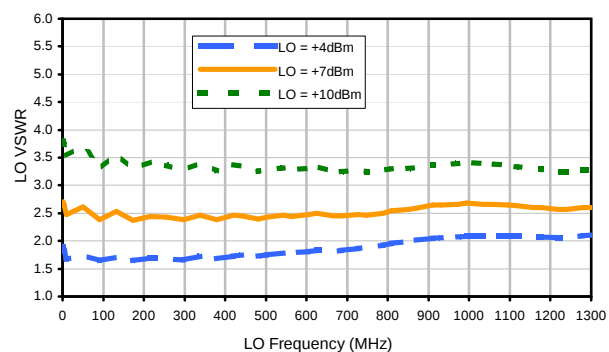
RF-IF Isolation



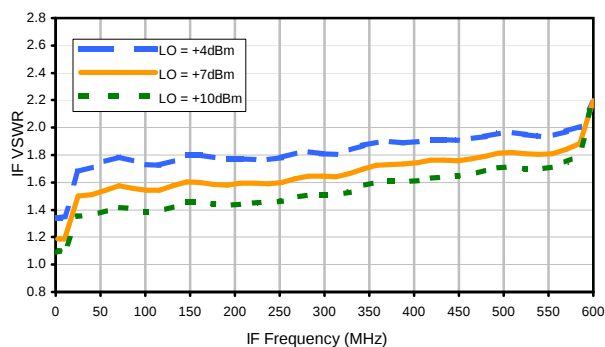
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	20	26	27	52	23	39	27	53	28	50
1	-	20	+0	29	12	32	17	34	31	50	50	49
2	>100	70	61	71	62	70	61	72	67	73	62	>80
3	>100	>80	73	>80	76	>80	65	>80	70	>80	72	>80
4	>100	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
5	>100	>80	>80	>80	>80	>80	79	>80	>80	>80	>80	>80
6	>100	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
7	>100	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
8	>100	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
9	>100	>80	>80	>80	>80	>80	>80	>80	>80	76	>80	>80
10	>100	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 300.1 MHz; -14.00 dBm.

LO IN: 330.01 MHz; +7.00 dBm

IF OUT: 29.91 MHz; -19.96 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	29	36	39	57	33	52	40	64	44	71
1	-	20	+0	29	12	33	18	36	32	56	53	55
2	>100	61	53	66	54	64	55	67	57	66	55	76
3	>100	53	50	58	52	60	46	58	46	60	56	67
4	>100	81	>90	78	77	76	77	73	69	78	83	>90
5	>100	81	65	65	60	68	58	67	57	77	57	73
6	>100	>90	87	90	87	>90	87	>90	87	>90	90	>90
7	>100	>90	79	84	75	>90	80	88	89	85	83	86
8	>100	>90	>90	>90	>90	>90	>90	>90	>90	>90	>90	>90
9	>100	>90	>90	>90	88	>90	88	>90	>90	>90	>90	>90
10	>100	>90	>90	>90	>90	>90	>90	>90	>90	>90	>90	>90
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 300.1 MHz; -4.00 dBm.

LO IN: 330.01 MHz; +7.00 dBm

IF OUT: 29.91 MHz; -10.01 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.

REV. X2

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