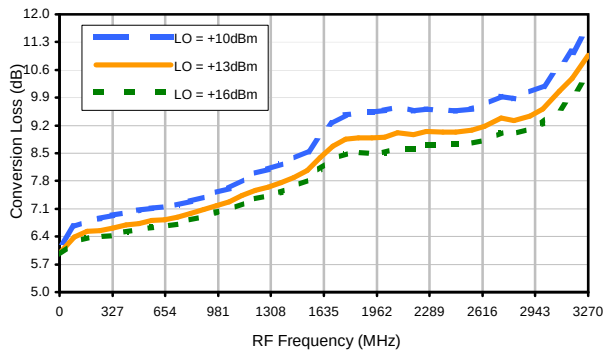
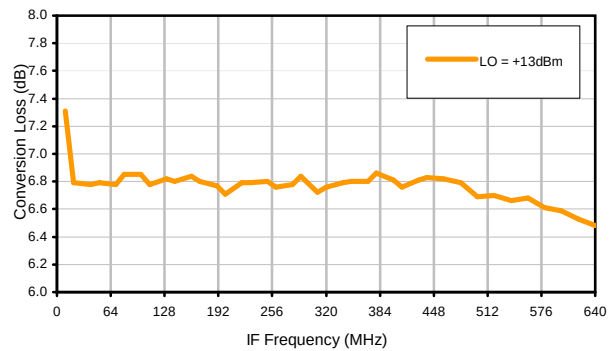


Typical Performance Curves

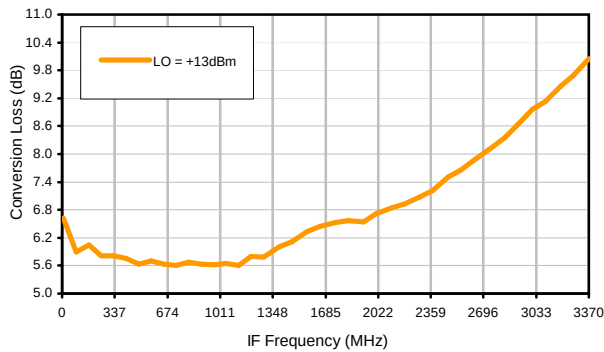
Conversion Loss @ IF=30MHz



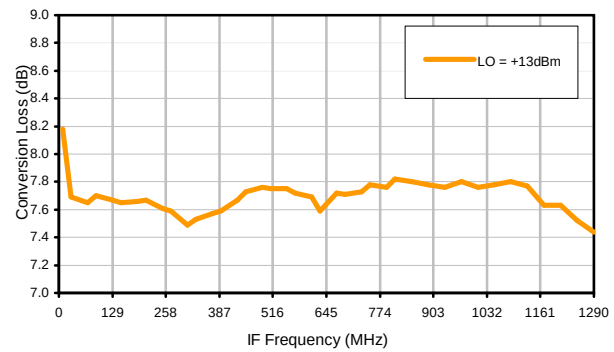
Conversion Loss vs. IF @ RF=650.1MHz



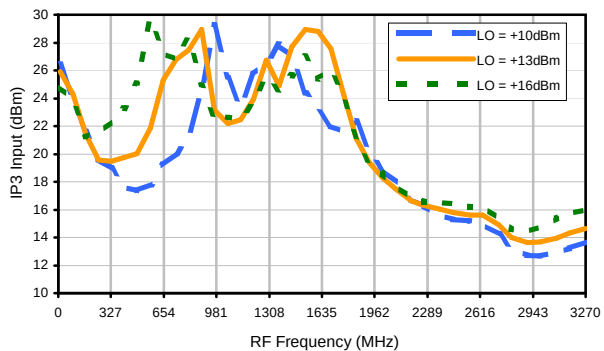
Conversion Loss vs. IF @ RF=10.1MHz



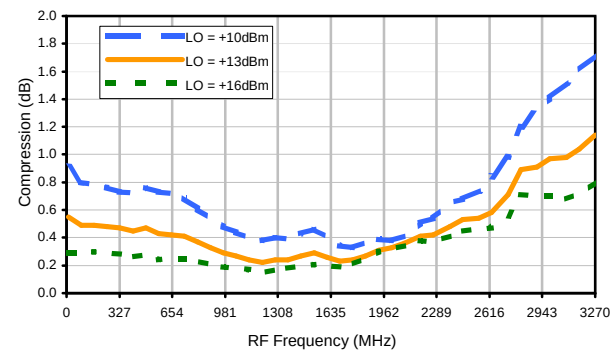
Conversion Loss vs. IF @ RF=1300.1MHz



IP3 Input

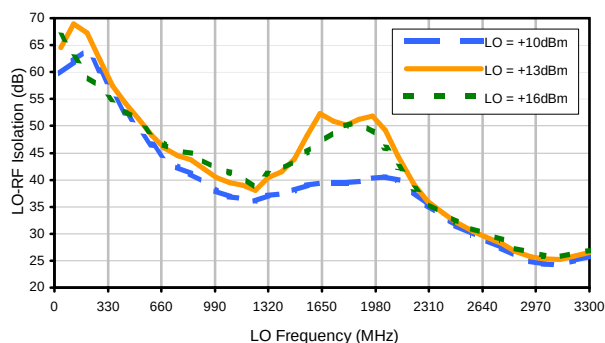


Compression @ RF IN=+7dBm

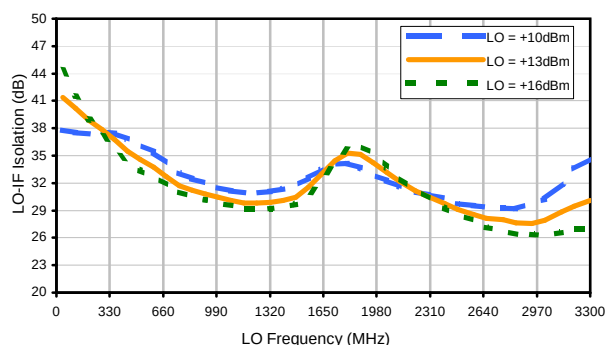


Typical Performance Curves

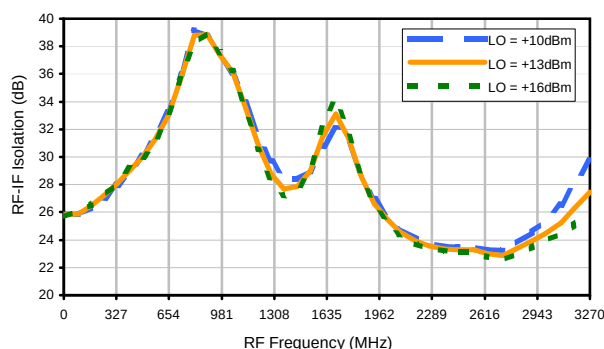
LO-RF Isolation



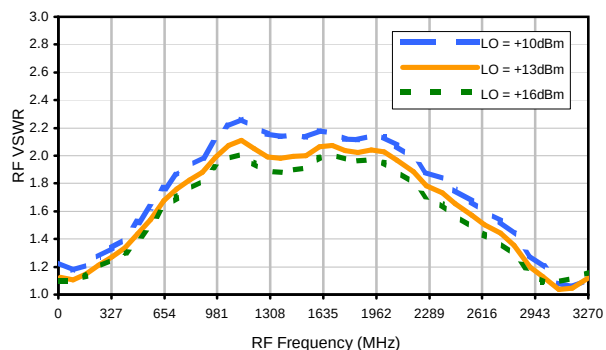
LO-IF Isolation



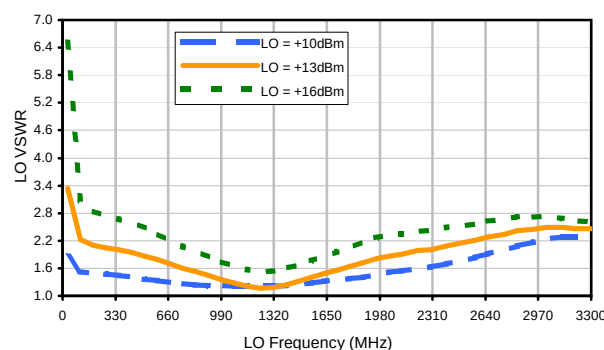
RF-IF Isolation



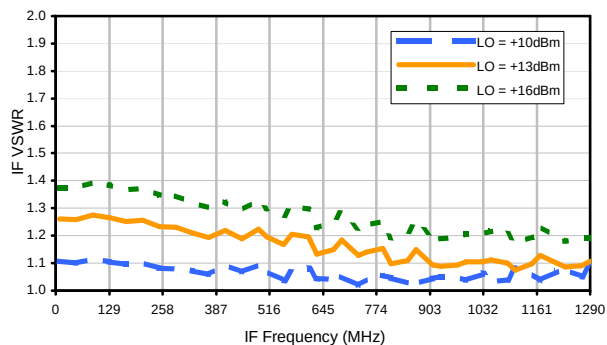
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	5	12	20	24	24	26	27	32	31	49
1	-	27	+0	39	11	49	25	42	26	54	35	56
2	78	58	54	59	57	58	57	60	65	64	66	66
3	>90	>75	68	>75	67	>75	72	74	65	>75	66	>75
4	>90	>75	>75	>75	>75	>75	>75	>75	>75	>75	>75	>75
5	>90	>75	>75	>75	>75	>75	>75	>75	>75	>75	>75	>75
6	>90	>75	>75	>75	>75	>75	>75	>75	>75	>75	>75	>75
7	>90	>75	>75	>75	>75	>75	>75	>75	>75	>75	>75	>75
8	>90	>75	>75	>75	>75	>75	>75	>75	>75	>75	>75	>75
9	>90	>75	>75	>75	>75	>75	>75	>75	>75	>75	>75	>75
10	>90	>75	>75	>75	>75	>75	>75	>75	>75	>75	>75	>75
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 650.1 MHz; -8.00 dBm.
LO IN: 680.1 MHz; +13.00 dBm
IF OUT: 30 MHz; -15.15 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	15	22	30	35	33	38	39	46	44	62
1	-	28	+0	36	11	50	24	44	28	52	37	59
2	58	50	46	55	47	56	48	54	52	58	58	60
3	89	52	47	57	54	64	48	57	51	59	51	71
4	>90	71	70	67	69	64	70	62	67	67	74	65
5	>90	68	61	71	63	73	59	68	57	71	61	74
6	>90	80	83	84	>85	80	83	82	>85	83	75	>85
7	>90	>85	81	>85	80	>85	76	>85	80	>85	73	84
8	>90	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85
9	>90	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85
10	>90	>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: 650.1 MHz; 2.00 dBm.
LO IN: 680.1 MHz; +13.00 dBm
IF OUT: 30 MHz; -5.26 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

SYM-ED9627/1

101011

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