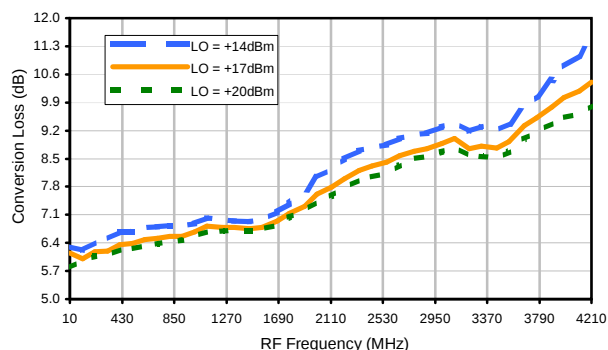
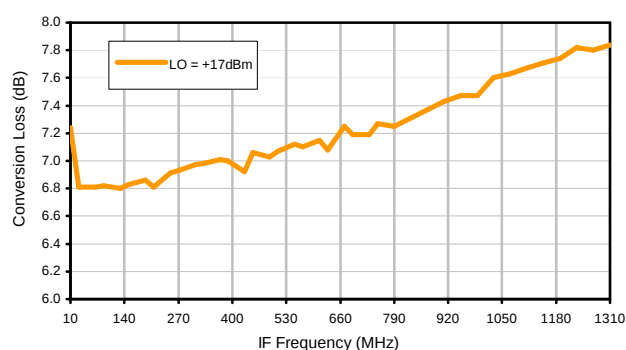


Typical Performance Curves

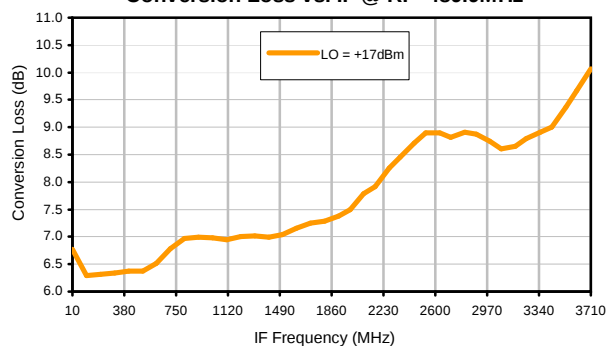
Conversion Loss @ IF=30MHz



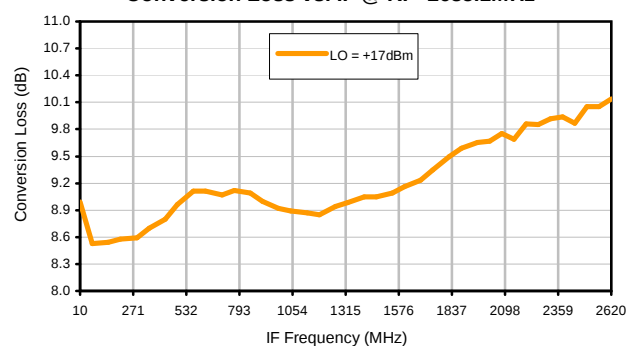
Conversion Loss vs. IF @ RF=1322.6MHz



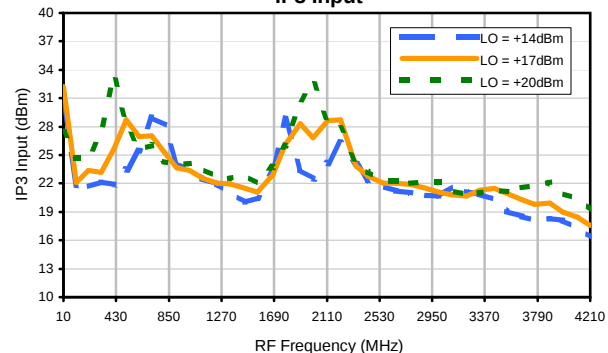
Conversion Loss vs. IF @ RF=489.9MHz



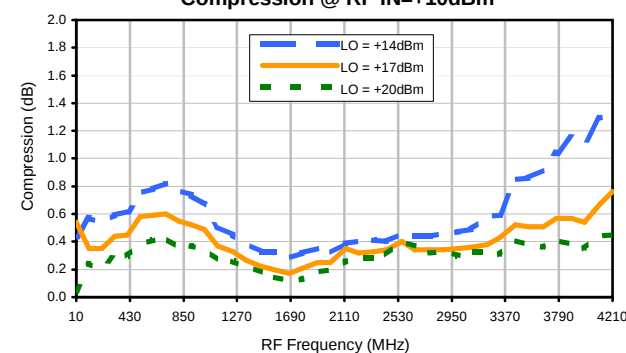
Conversion Loss vs. IF @ RF=2635.1MHz



IP3 Input

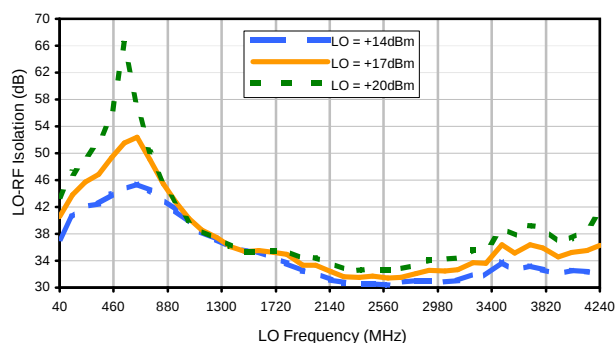


Compression @ RF IN=+10dBm

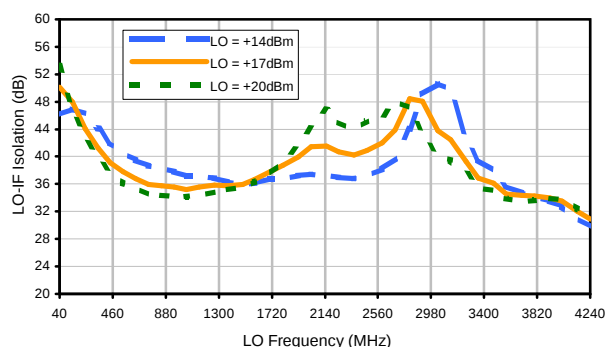


Typical Performance Curves

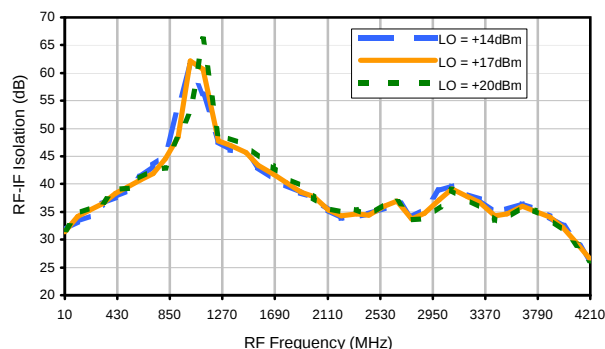
LO-RF Isolation



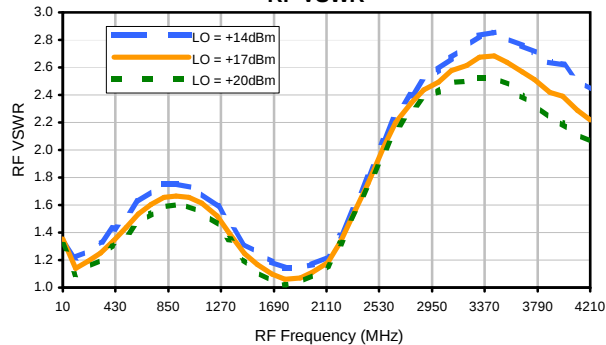
LO-IF Isolation



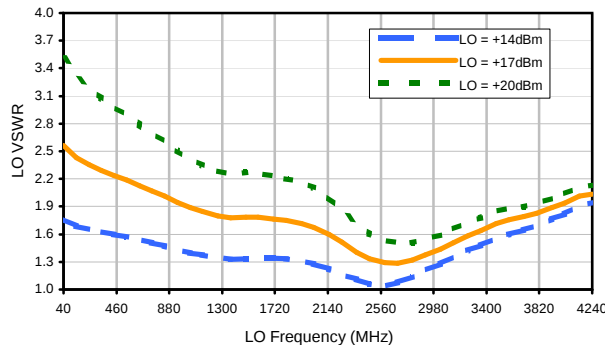
RF-IF Isolation



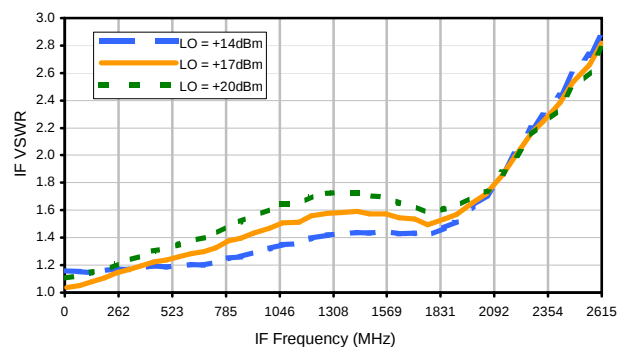
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+23	+17	+14	2	+3	13	+8	10	10	13
1	-	3	+0	6	+20	23	+7	21	+0	13	14	22
2	66	32	30	>48	31	32	28	35	31	31	30	39
3	>90	>48	25	>48	>48	>48	31	>48	40	>48	44	47
4	>90	>48	>48	>48	>48	>48	>48	>48	>48	>48	>48	>48
5	>90	>48	>48	>48	>48	>48	>48	>48	>48	>48	>48	>48
6	>90	>48	>48	>48	>48	>48	>48	>48	>48	>48	>48	>48
7	>90	>48	>48	>48	>48	>48	>48	>48	>48	>48	>48	>48
8	>90	>48	>48	>48	>48	>48	>48	>48	>48	>48	>48	>48
9	>90	>48	>48	>48	>48	>48	>48	>48	>48	>48	>48	>48
10	>90	>48	>48	>48	>48	>48	>48	>48	>48	>48	>48	>48
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 1562.5 MHz; -5.00 dBm.

LO IN: 1592.5 MHz; +17.00 dBm

IF OUT: 30 MHz; -42.37 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+9	+2	3	17	14	28	8	30	22	32
1	-	8	+0	10	+15	33	+1	28	6	21	20	30
2	47	31	23	52	28	26	26	30	37	28	31	38
3	87	32	8	30	34	34	15	47	27	45	28	35
4	>90	47	39	35	37	55	38	46	46	52	50	44
5	>90	61	40	45	29	42	47	47	31	>62	42	57
6	>90	>62	51	60	48	46	47	>62	47	55	59	61
7	>90	>62	58	>62	54	56	47	57	62	>62	49	>62
8	>90	62	>62	>62	62	>62	57	57	55	>62	57	>62
9	>90	>62	>62	>62	>62	>62	>62	>62	>62	>62	>62	>62
10	>90	>62	>62	>62	>62	>62	>62	>62	>62	>62	>62	>62
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 1562.5 MHz; 5.00 dBm.

LO IN: 1592.5 MHz; +17.00 dBm

IF OUT: 30 MHz; -27.61 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. X3

SYM-ED7348/2

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