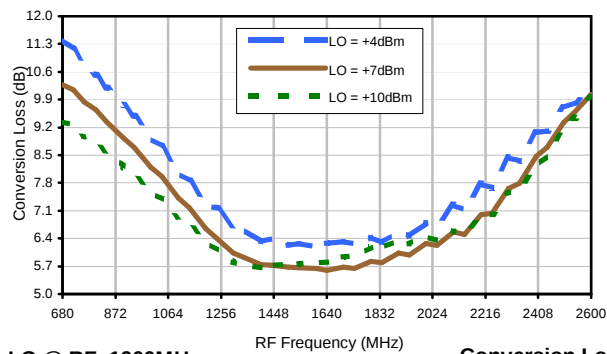
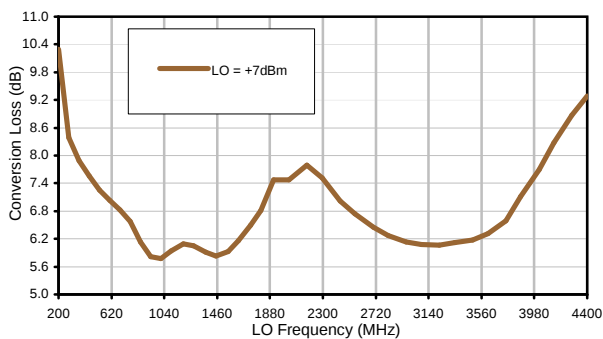


Typical Performance Curves

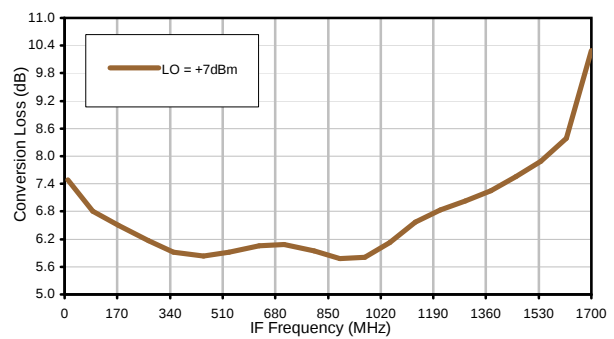
Conversion Loss @ IF=1200MHz



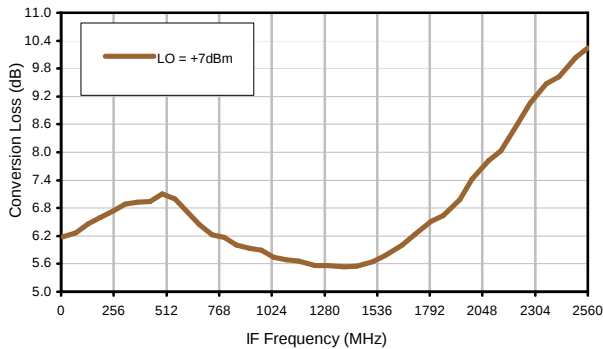
Conversion Loss vs. LO @ RF=1900MHz



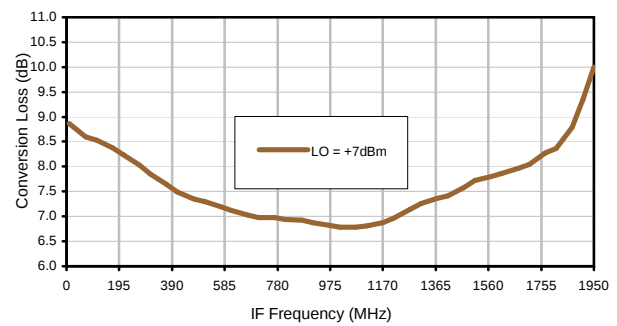
Conversion Loss vs. IF @ RF=1900MHz



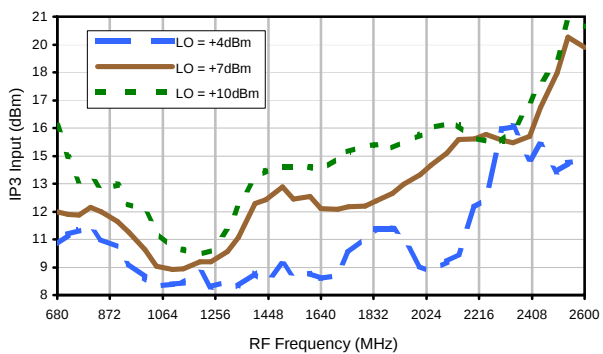
Conversion Loss vs. IF @ RF=1639.9MHz



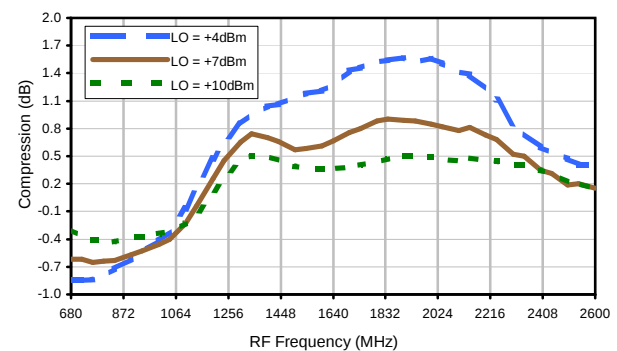
Conversion Loss vs. IF @ RF=2160.1001MHz



IP3 Input

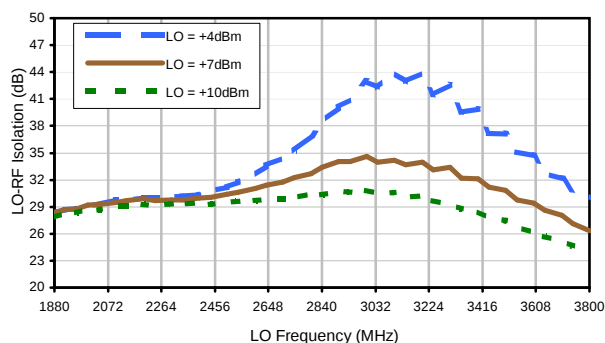


Compression @ RF IN=+2dBm

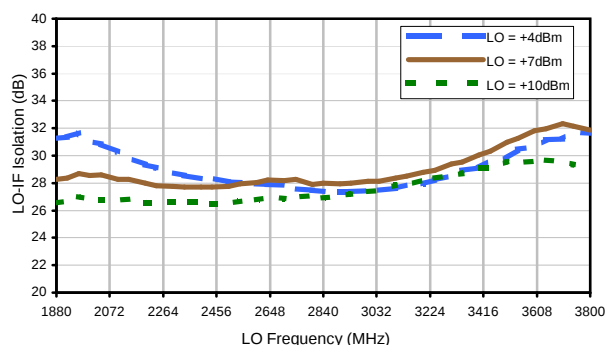


Typical Performance Curves

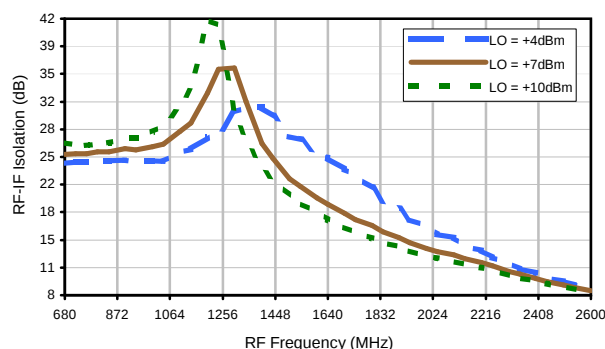
LO-RF Isolation



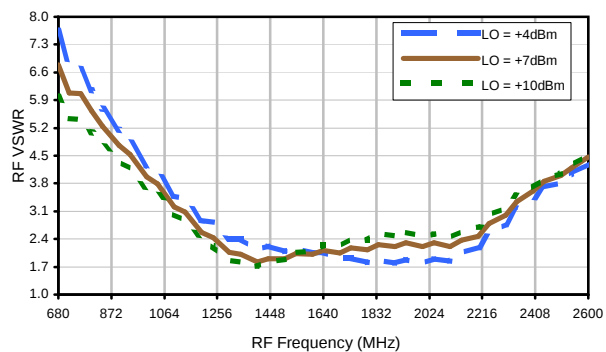
LO-IF Isolation



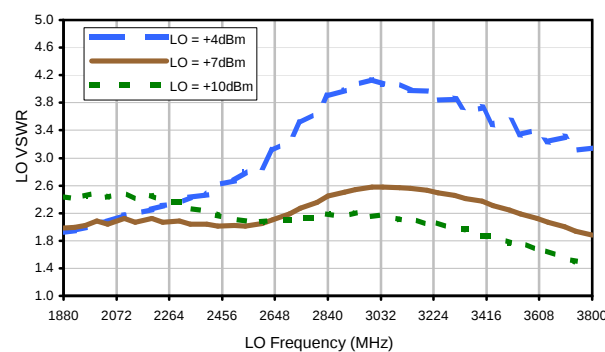
RF-IF Isolation



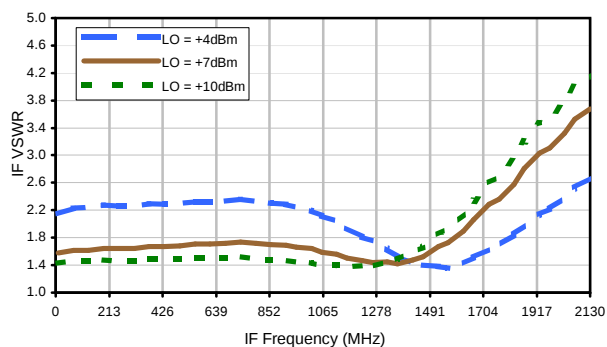
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	2	17	37	37	39	45	43	---	---	---
1	-	9	+0	23	42	37	45	40	>71	63	---	---
2	85	60	44	56	53	>71	67	>71	64	>71	---	---
3	>90	68	69	65	>71	68	>71	>71	>71	>71	>71	---
4	>90	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71
5	>90	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71
6	>90	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71
7	>90	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71
8	>90	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71
9	>90	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71
10	>90	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 1900 MHz; -13.00 dBm.
LO IN: 3100 MHz; +7.00 dBm
IF OUT: 1200 MHz; -19.12 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	12	27	49	48	53	59	57	---	---	---
1	-	8	+0	24	41	38	45	42	69	68	---	---
2	65	50	34	48	45	69	58	67	55	69	---	---
3	>90	47	49	44	58	48	69	67	64	67	69	---
4	>90	73	73	62	62	63	>81	>81	>81	69	78	80
5	>90	>81	78	>81	77	76	>81	>81	>81	>81	79	>81
6	>90	>81	>81	>81	>81	79	>81	>81	>81	>81	>81	>81
7	>90	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
8	>90	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
9	>90	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
10	>90	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 1900 MHz; -3.00 dBm.
LO IN: 3100 MHz; +7.00 dBm
IF OUT: 1200 MHz; -9.35 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
ADE-ED11949/1
101013
Page 3 of 3