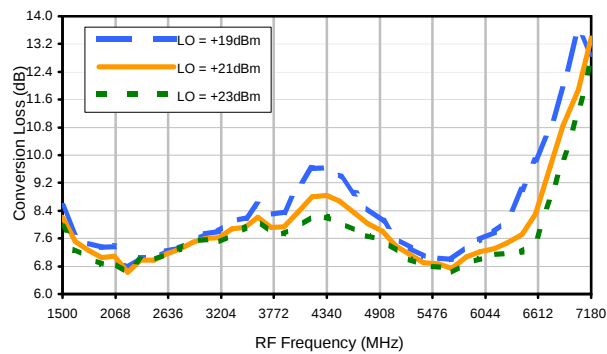
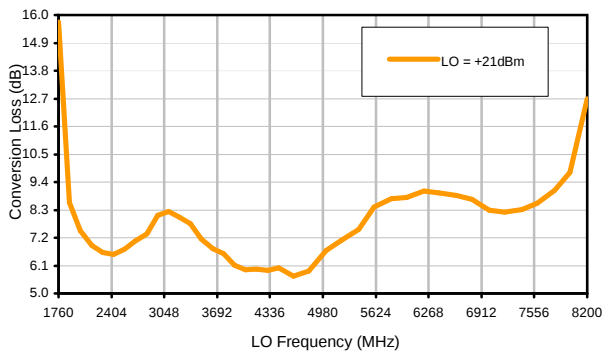


Typical Performance Curves

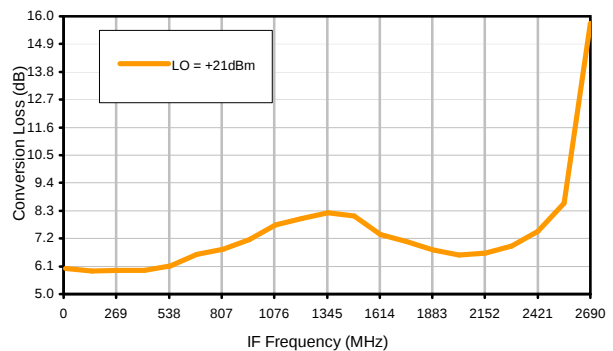
Conversion Loss @ IF=1400MHz



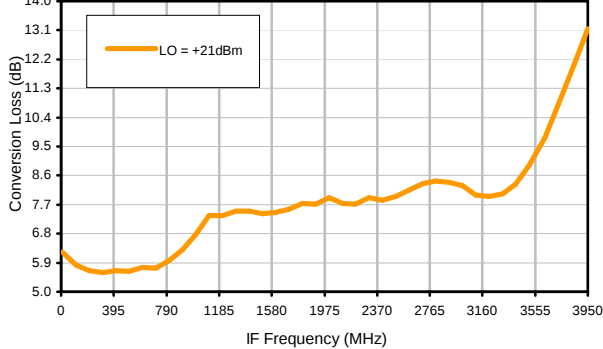
Conversion Loss vs. LO @ RF=4450.1001MHz



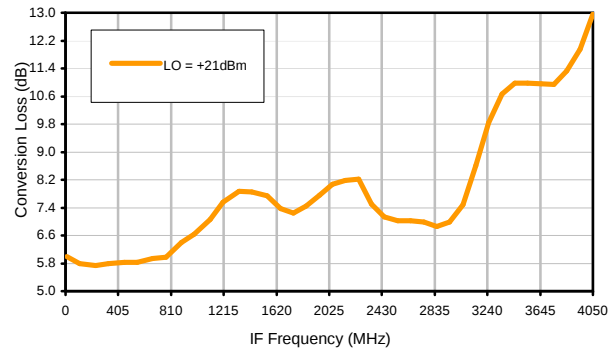
Conversion Loss vs. IF @ RF=4450.1001MHz



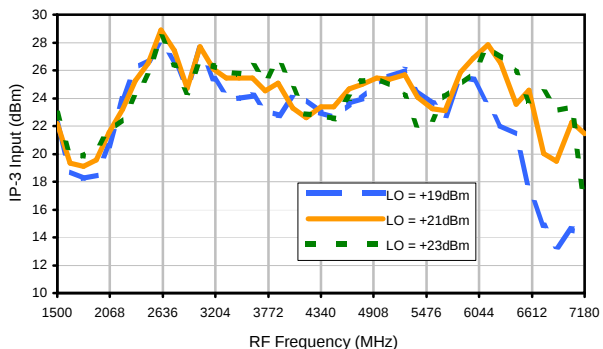
Conversion Loss vs. IF @ RF=2900.1001MHz



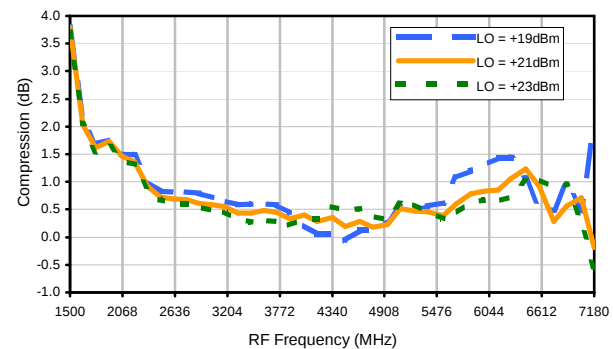
Conversion Loss vs. IF @ RF=6000.1001MHz



IP3 Input

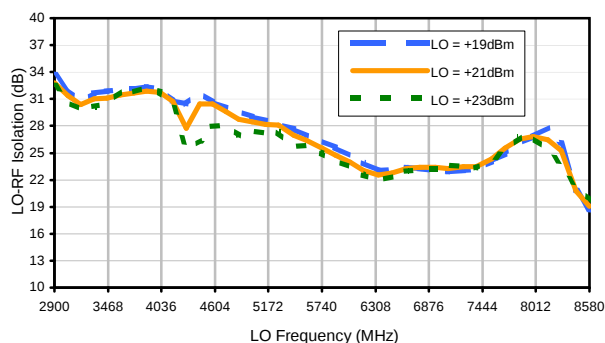


Compression @ RF IN=+15dBm

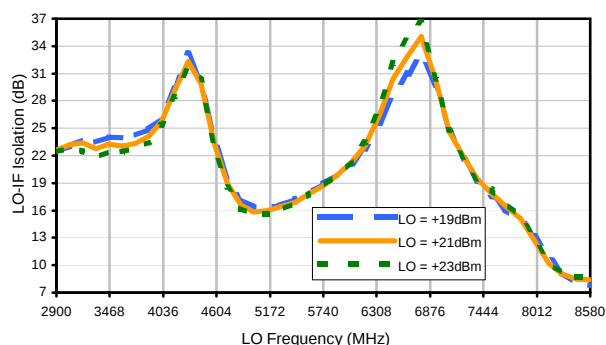


Typical Performance Curves

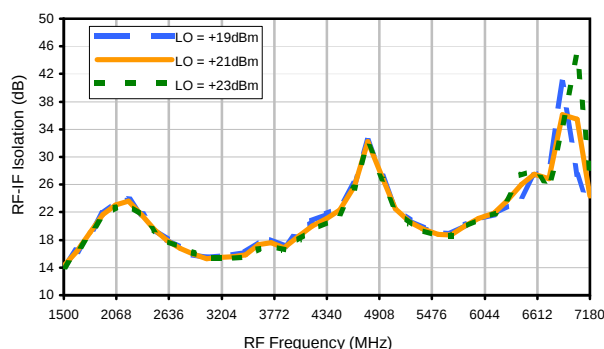
LO-RF Isolation



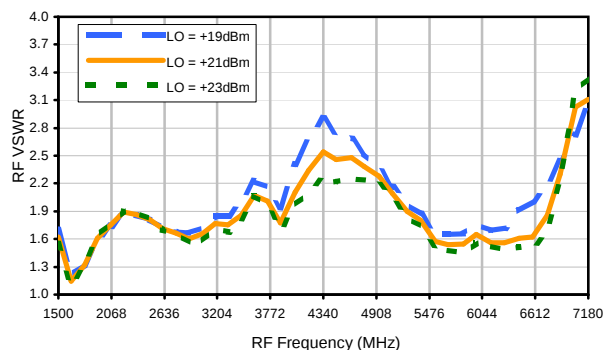
LO-IF Isolation



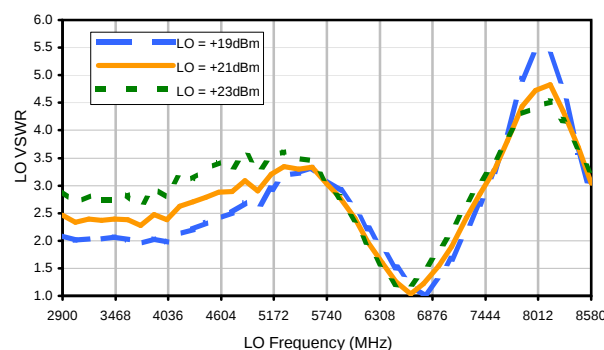
RF-IF Isolation



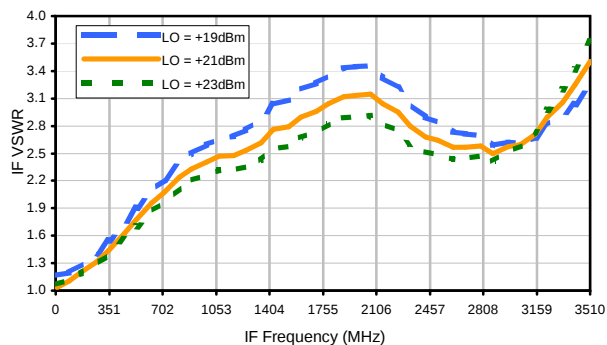
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+10	18	13	44	---	---	---	---	---	---
1	-	13	+0	29	18	31	---	---	---	---	---	---
2	73	54	52	48	39	54	60	---	---	---	---	---
3	>90	57	54	60	63	63	80	79	---	---	---	---
4	>90	>81	>81	>81	80	>81	>81	>81	>81	---	---	---
5	>90	>81	>81	>81	>81	>81	>81	>81	>81	---	---	---
6	---	---	>81	>81	>81	>81	>81	>81	>81	>81	---	---
7	---	---	---	>81	>81	>81	>81	>81	>81	>81	>81	---
8	---	---	---	>81	>81	>81	>81	>81	>81	>81	>81	>81
9	---	---	---	---	>81	>81	>81	>81	>81	>81	>81	>81
10	---	---	---	---	---	>81	>81	>81	>81	>81	>81	>81
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

Test conditions:

RF IN: 4450.1 MHz; 0.00 dBm.

LO IN: 5850.1 MHz; +21.00 dBm

IF OUT: 1400 MHz; -8.71 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+0	29	25	54	---	---	---	---	---	---
1	-	13	+0	26	18	34	---	---	---	---	---	---
2	54	42	44	38	31	47	52	---	---	---	---	---
3	73	36	33	41	46	42	60	62	---	---	---	---
4	87	66	69	58	50	66	63	60	68	---	---	---
5	84	68	66	66	73	60	53	60	64	---	---	---
6	---	---	91	79	73	73	74	71	79	86	---	---
7	---	---	---	82	78	72	91	74	78	80	>91	---
8	---	---	---	>91	85	90	81	76	>91	86	>91	83
9	---	---	---	---	91	90	>91	>91	80	82	89	>91
10	---	---	---	---	---	>91	>91	86	91	91	85	>91
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 4450.1 MHz; 10.00 dBm.

LO IN: 5850.1 MHz; +21.00 dBm

IF OUT: 1400 MHz; 1.3 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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