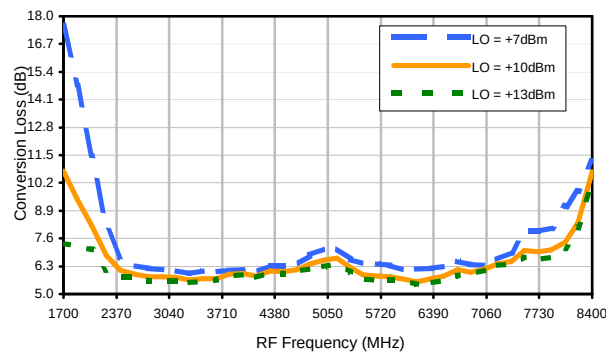
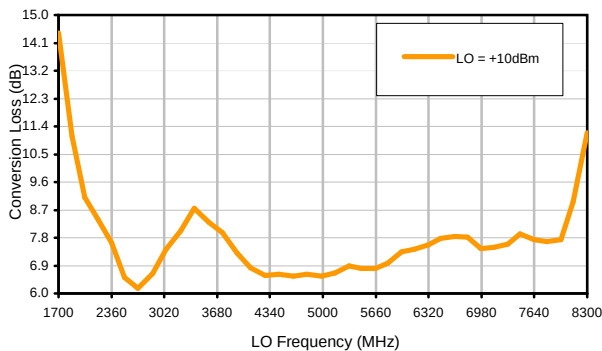


Typical Performance Curves

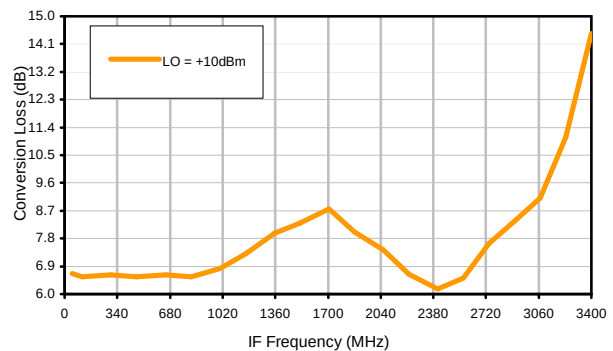
Conversion Loss @ IF=30MHz



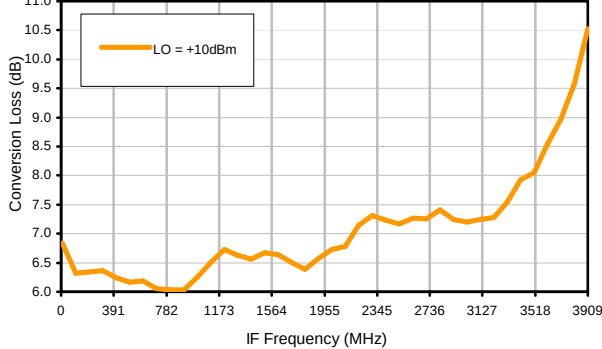
Conversion Loss vs. LO @ RF=5100.1001MHz



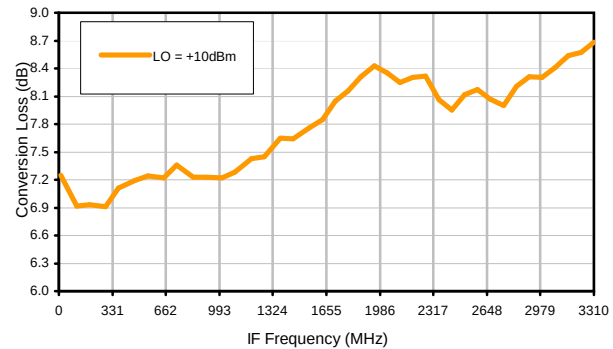
Conversion Loss vs. IF @ RF=5100.1001MHz



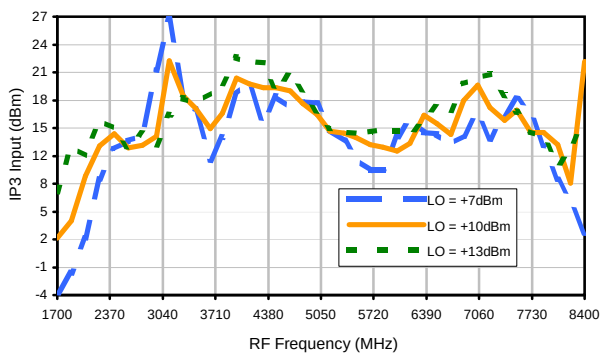
Conversion Loss vs. IF @ RF=2290.1001MHz



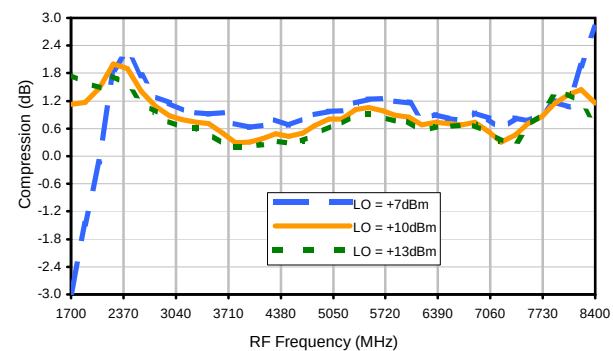
Conversion Loss vs. IF @ RF=7910.1001MHz



IP3 Input

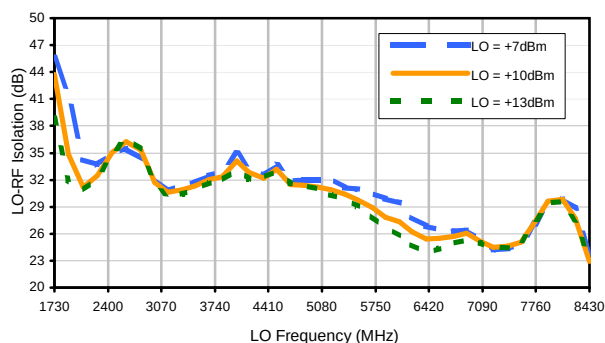


Compression @ RF IN=+5dBm

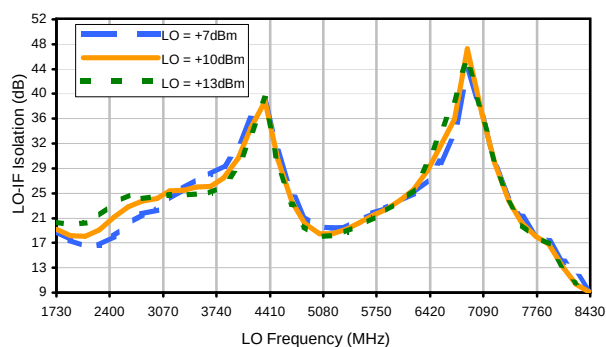


Typical Performance Curves

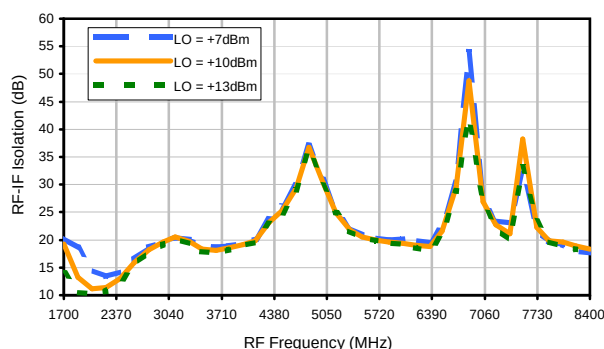
LO-RF Isolation



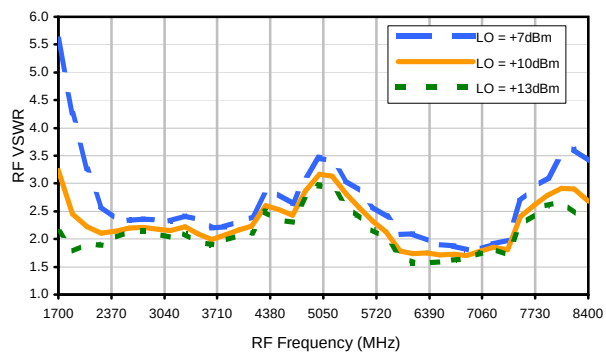
LO-IF Isolation



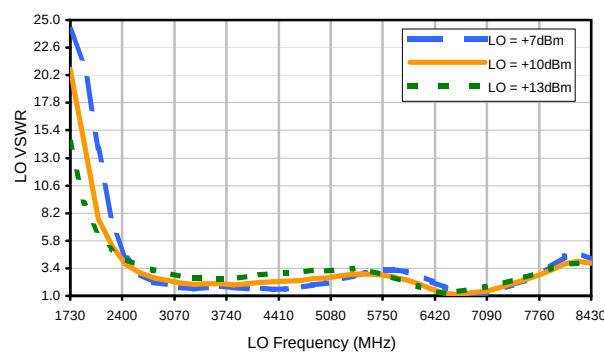
RF-IF Isolation



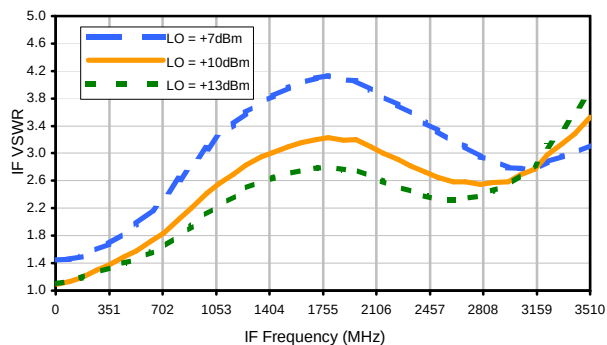
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+10	16	15	31	---	---	---	---	---	---
1	-	21	+0	34	19	46	47	---	---	---	---	---
2	84	61	56	54	55	56	59	67	---	---	---	---
3	>90	>73	62	>73	60	>73	67	>73	>73	---	---	---
4	>90	>73	>73	>73	>73	>73	>73	>73	>73	>73	---	---
5	---	---	>73	>73	>73	>73	>73	>73	>73	>73	>73	---
6	---	---	---	>73	>73	>73	>73	>73	>73	>73	>73	>73
7	---	---	---	---	>73	>73	>73	>73	>73	>73	>73	>73
8	---	---	---	---	---	>73	>73	>73	>73	>73	>73	>73
9	---	---	---	---	---	---	>73	>73	>73	>73	>73	>73
10	---	---	---	---	---	---	---	>73	>73	>73	>73	>73
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

Test conditions:

RF IN: 5100 MHz; -10.00 dBm.

LO IN: 5130 MHz; +10.00 dBm

IF OUT: 30 MHz; -16.61 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+0	26	26	41	---	---	---	---	---	---
1	-	20	+0	35	19	48	48	---	---	---	---	---
2	64	46	46	38	45	47	51	63	---	---	---	---
3	89	54	39	63	38	61	47	61	78	---	---	---
4	>90	76	75	60	72	54	71	57	71	72	---	---
5	---	---	79	80	65	>83	58	80	62	>83	75	---
6	---	---	---	>83	>83	70	>83	63	>83	67	>83	>83
7	---	---	---	---	>83	>83	77	>83	69	>83	73	>83
8	---	---	---	---	---	>83	>83	81	>83	75	>83	79
9	---	---	---	---	---	---	>83	>83	>83	>83	81	>83
10	---	---	---	---	---	---	---	>83	>83	>83	>83	>83
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 5100 MHz; 0.00 dBm.

LO IN: 5130 MHz; +10.00 dBm

IF OUT: 30 MHz; -6.65 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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