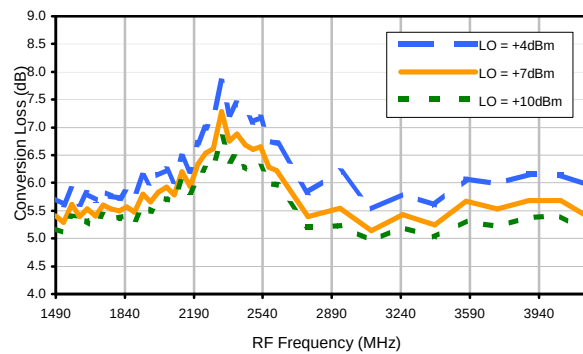
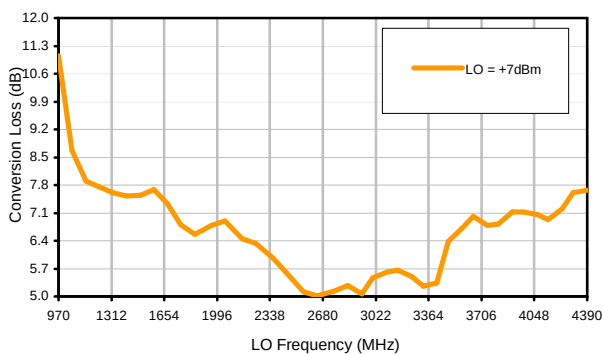


Typical Performance Curves

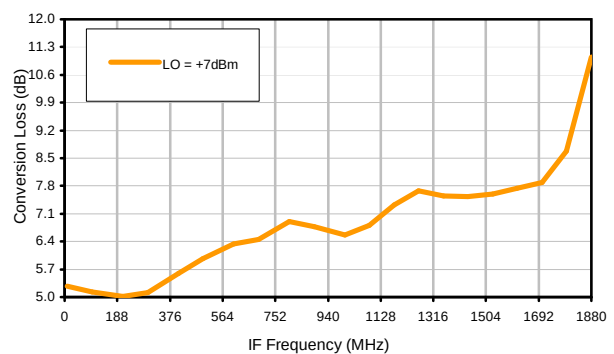
Conversion Loss @ IF=30MHz



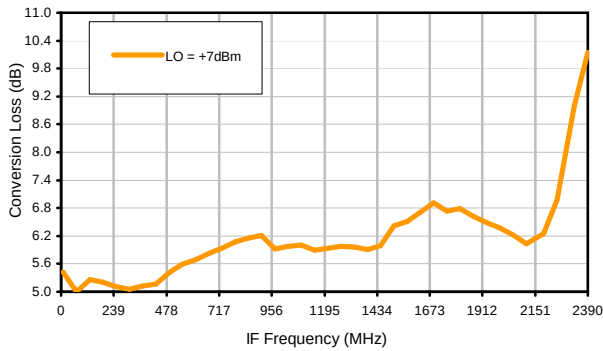
Conversion Loss vs. LO @ RF=2850.1001MHz



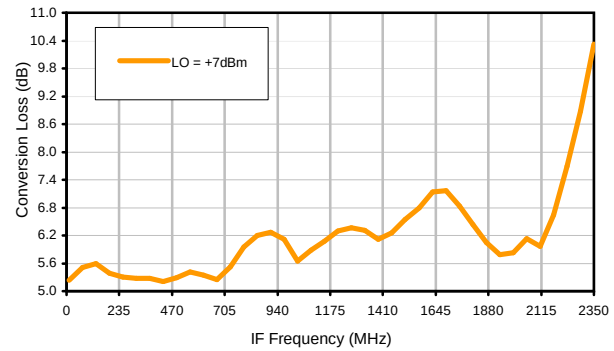
Conversion Loss vs. IF @ RF=2850.1001MHz



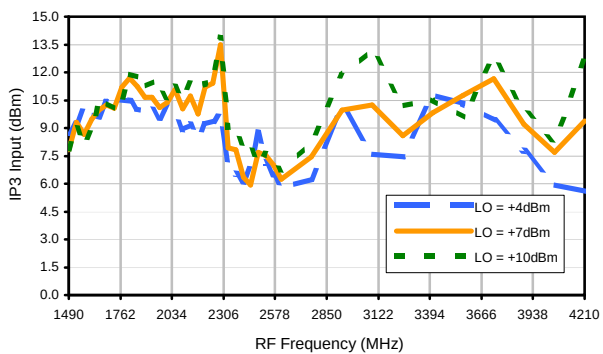
Conversion Loss vs. IF @ RF=1500.1MHz



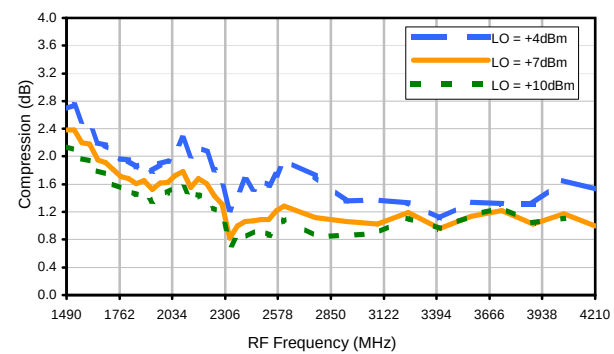
Conversion Loss vs. IF @ RF=4200.1001MHz



IP3 Input

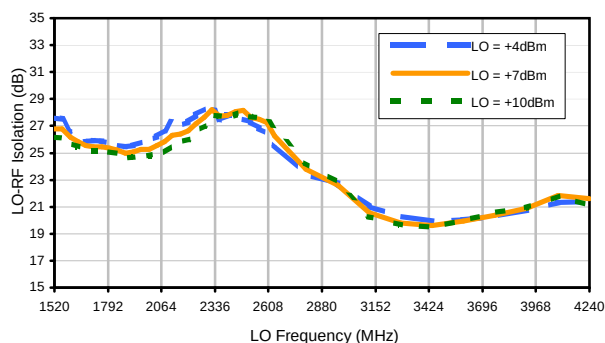


Compression @ RF IN=+1dBm

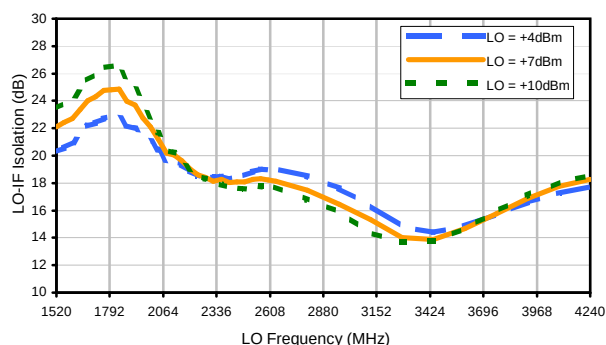


Typical Performance Curves

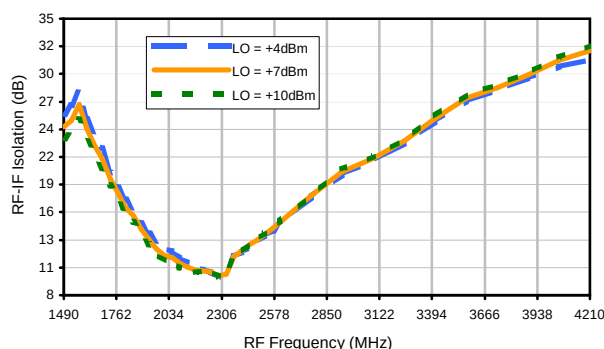
LO-RF Isolation



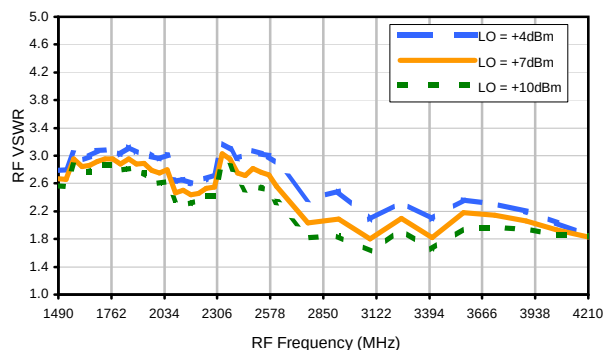
LO-IF Isolation



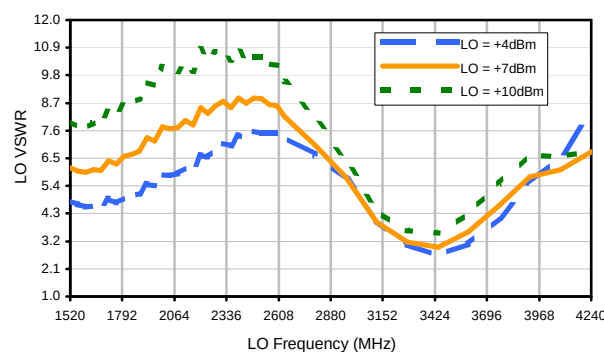
RF-IF Isolation



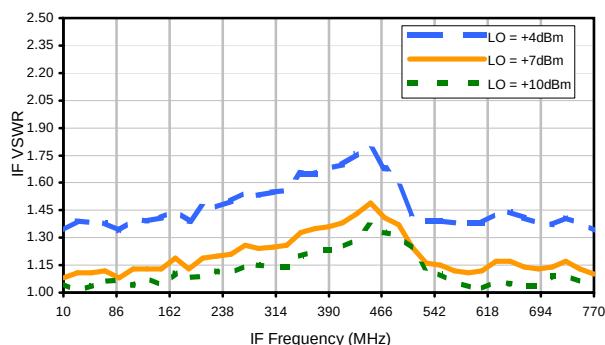
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+9	21	34	15	29	49	45	42	---	---
1	-	14	+0	31	19	40	34	37	61	55	62	---
2	79	49	58	42	54	50	67	47	59	61	56	61
3	>90	>71	66	68	60	68	>71	>71	65	>71	>71	70
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	---	---	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71
10	---	---	---	>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: 2850.1 MHz; -14.00 dBm.
LO IN: 2880.1 MHz; +7.00 dBm
IF OUT: 30 MHz; -19.4 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	1	32	46	29	43	57	56	67	---	---
1	-	14	+0	33	19	43	38	42	73	62	65	---
2	59	41	51	36	48	48	65	43	53	61	68	61
3	>90	52	46	49	39	51	43	64	49	57	72	70
4	>90	69	68	61	63	54	61	60	76	57	68	68
5	>90	>81	69	>81	78	66	59	68	66	74	64	79
6	>90	>81	78	>81	>81	73	75	67	73	67	>81	70
7	>90	>81	>81	>81	>81	>81	>81	>81	66	>81	68	>81
8	>90	>81	>81	>81	>81	>81	>81	>81	>81	77	>81	76
9	---	---	>81	>81	>81	>81	>81	>81	>81	>81	79	>81
10	---	---	---	>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: 2850.1 MHz; -4.00 dBm.
LO IN: 2880.1 MHz; +7.00 dBm
IF OUT: 30 MHz; -9.46 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.

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