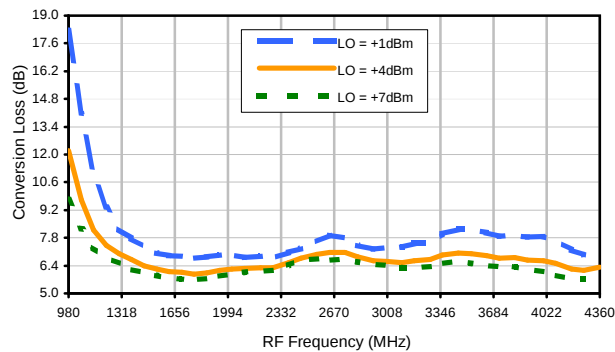
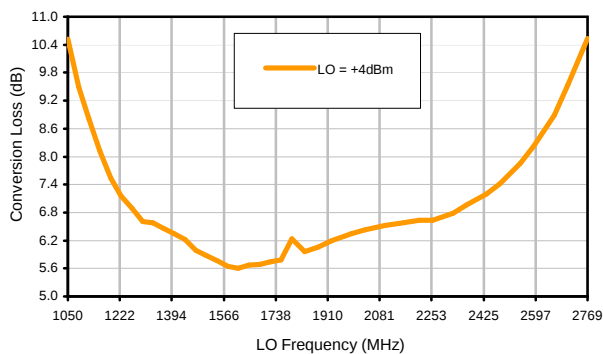


Typical Performance Curves

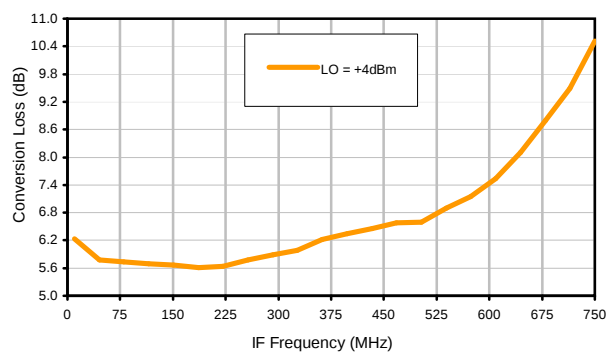
Conversion Loss @ IF=30MHz



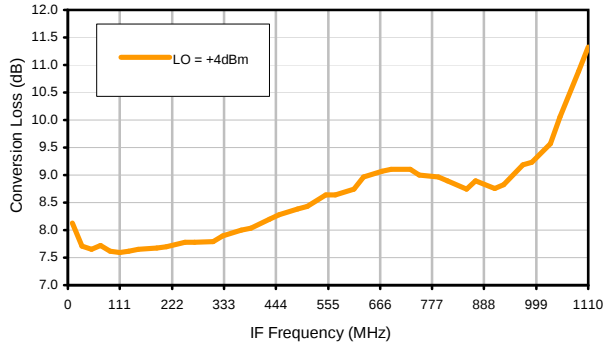
Conversion Loss vs. LO @ RF=1800MHz



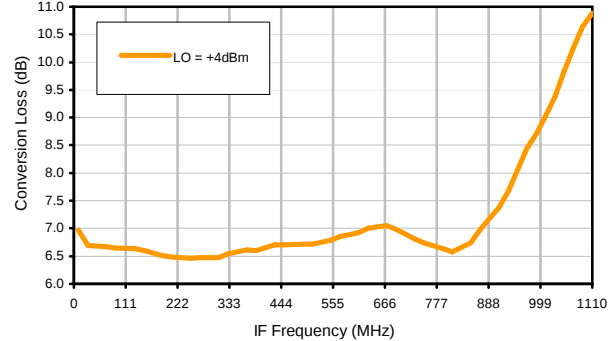
Conversion Loss vs. IF @ RF=1800MHz



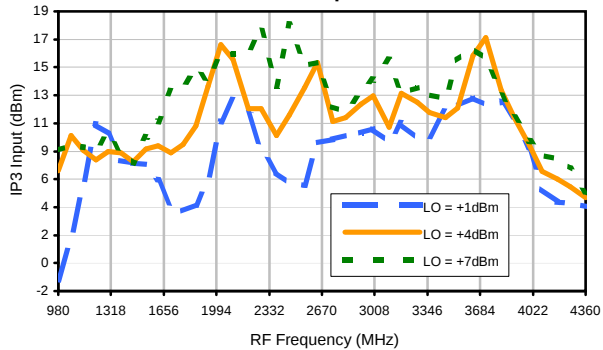
Conversion Loss vs. IF @ RF=1189.9MHz



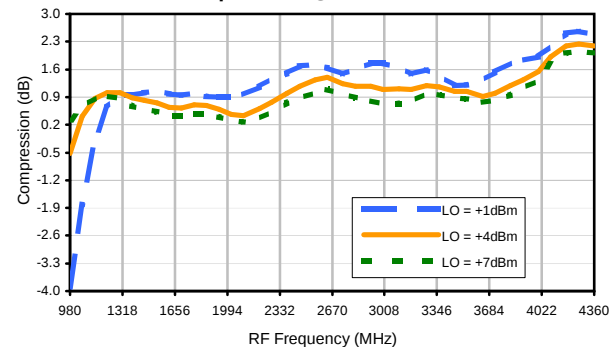
Conversion Loss vs. IF @ RF=2410.1MHz



IP3 Input

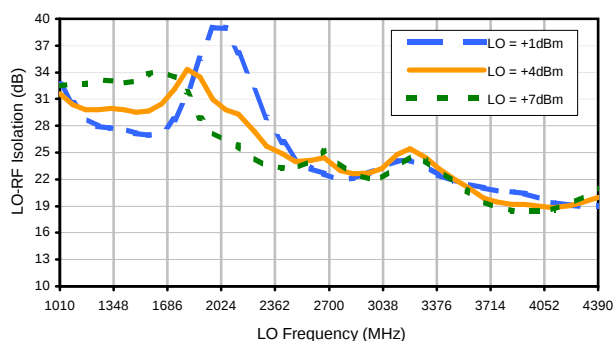


Compression @ RF IN=0dBm

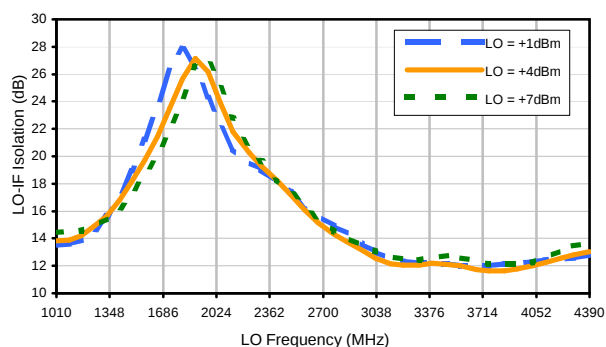


Typical Performance Curves

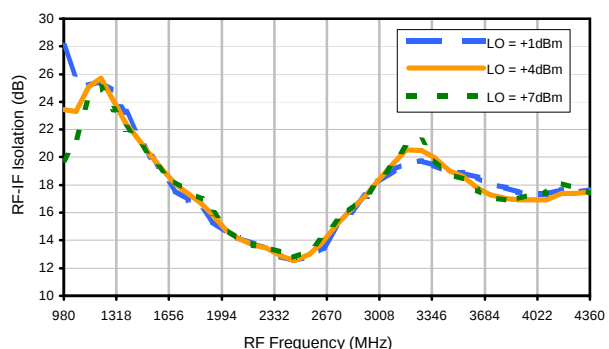
LO-RF Isolation



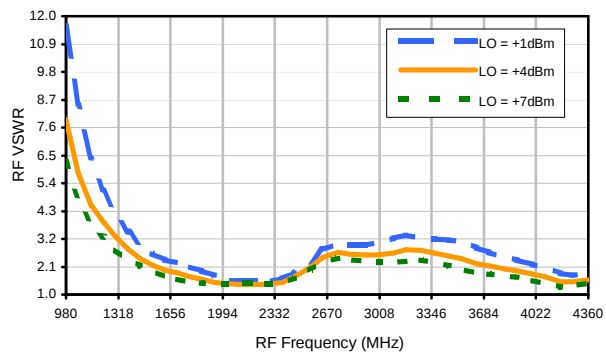
LO-IF Isolation



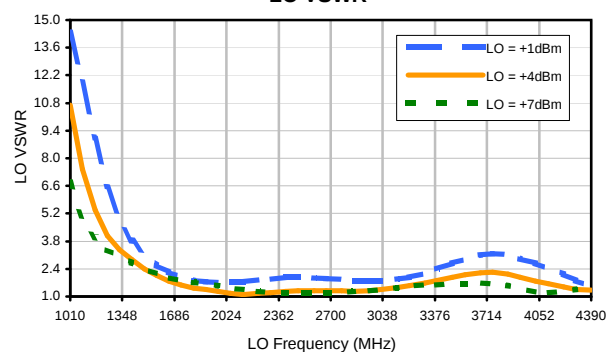
RF-IF Isolation



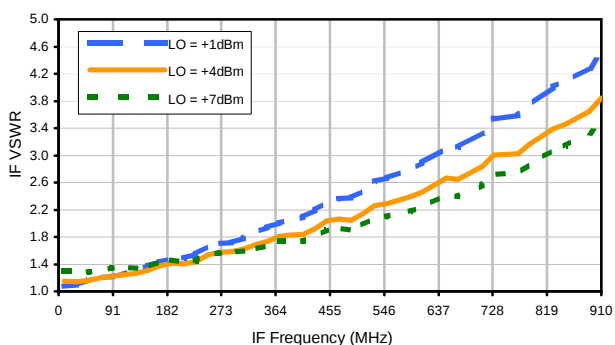
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	1	14	+1	15	18	34	54	37	51	58
1	-	11	+0	22	19	22	28	41	52	47	45	54
2	90	46	53	42	46	65	38	42	46	52	63	53
3	>90	59	57	59	60	54	58	51	63	62	64	>69
4	>90	>69	>69	>69	>69	61	>69	>69	67	>69	>69	>69
5	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
6	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
7	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
8	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
9	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
10	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 1800 MHz; -15.00 dBm.
LO IN: 1830 MHz; +4.00 dBm
IF OUT: 30 MHz; -21.19 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	11	27	11	32	33	45	55	46	59	62
1	-	11	+0	25	19	28	30	44	67	60	59	65
2	69	36	46	41	43	46	34	39	48	53	68	64
3	>90	43	37	43	40	39	41	40	47	53	57	63
4	>90	57	54	51	59	47	57	62	51	53	59	63
5	>90	>79	58	64	71	59	52	53	54	51	62	63
6	>90	72	71	>79	62	61	68	55	66	67	64	>79
7	>90	78	>79	>79	69	>79	75	79	59	68	63	61
8	>90	77	>79	>79	>79	>79	70	72	78	66	76	75
9	>90	>79	>79	>79	>79	>79	>79	>79	>79	>79	70	>79
10	>90	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	79
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 1800 MHz; -5.00 dBm.
LO IN: 1830 MHz; +4.00 dBm
IF OUT: 30 MHz; -11.25 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

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