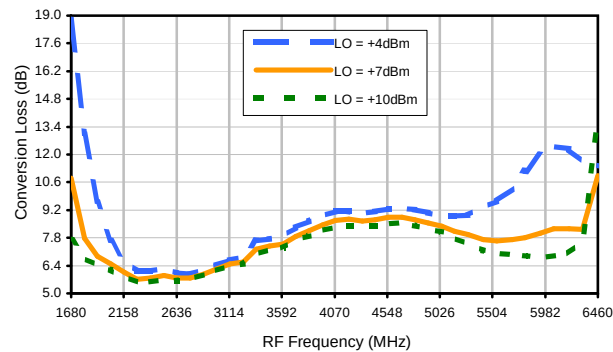
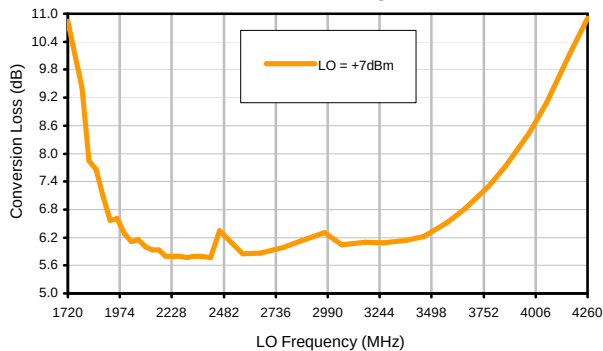


Typical Performance Curves

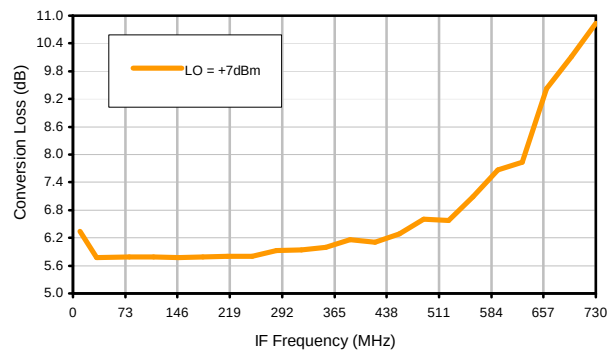
Conversion Loss @ IF=30MHz



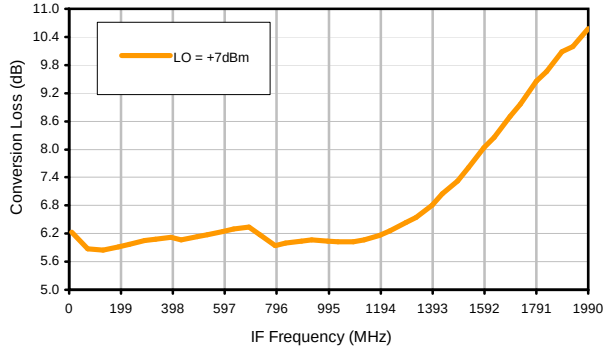
Conversion Loss vs. LO @ RF=2450MHz



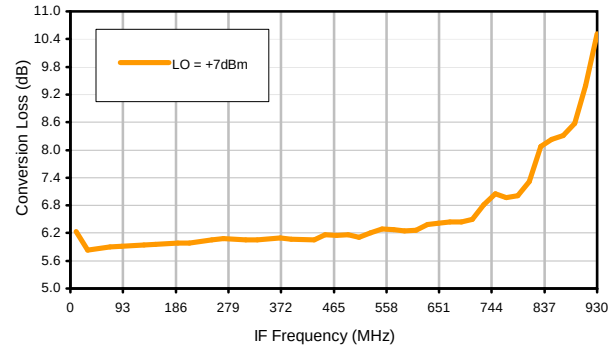
Conversion Loss vs. IF @ RF=2450MHz



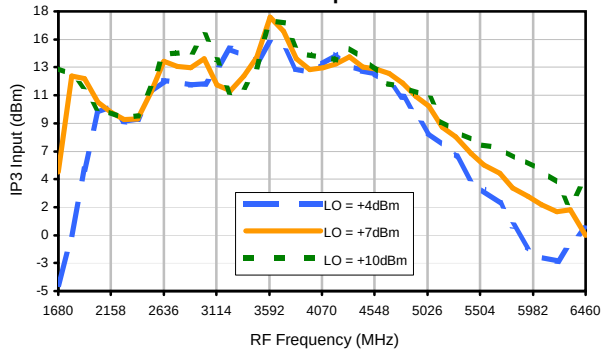
Conversion Loss vs. IF @ RF=2189.89MHz



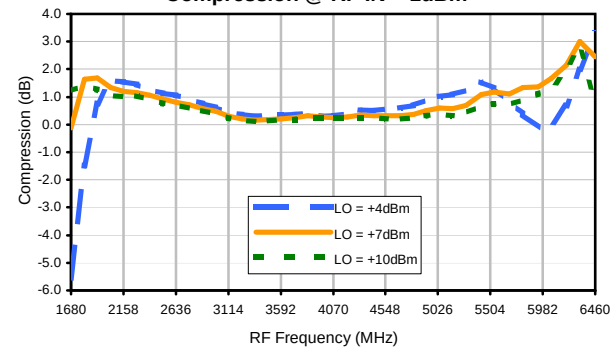
Conversion Loss vs. IF @ RF=2710.1MHz



IP3 Input

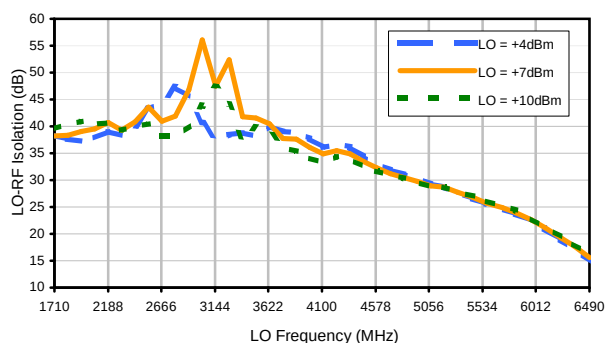


Compression @ RF IN=+1dBm

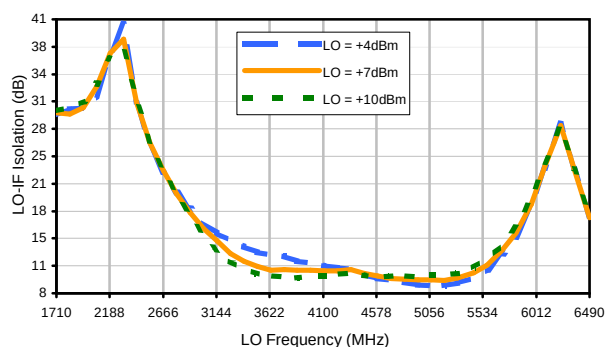


Typical Performance Curves

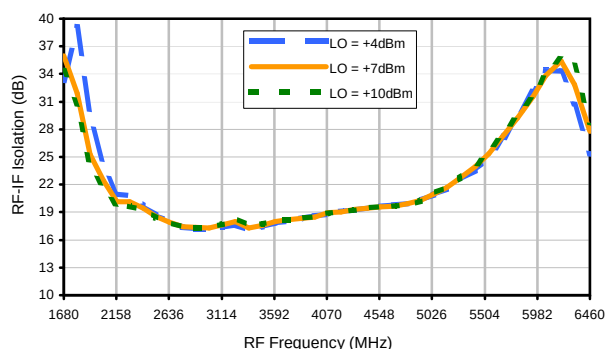
LO-RF Isolation



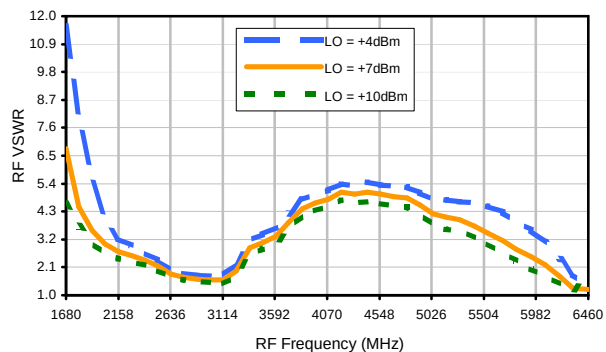
LO-IF Isolation



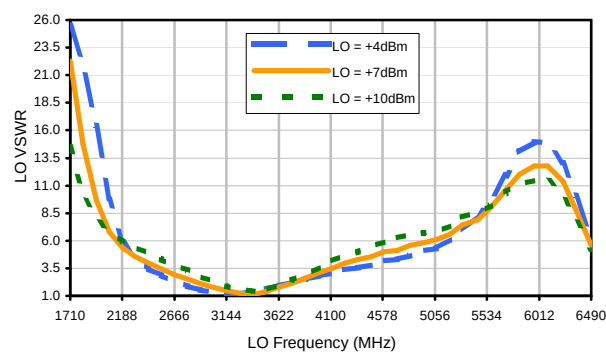
RF-IF Isolation



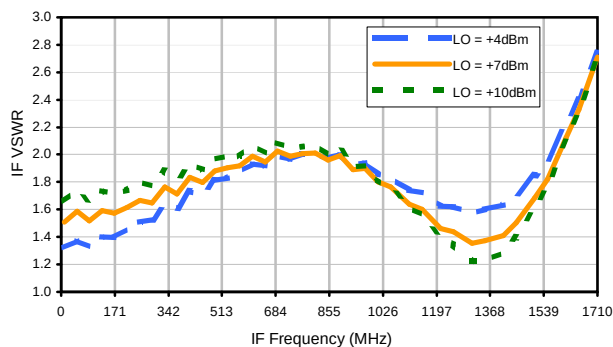
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	2	37	5	27	18	40	38	56	62	---
1	-	13	+0	29	36	29	43	35	39	61	49	56
2	88	54	47	49	46	61	41	>70	51	58	59	>70
3	>90	59	67	58	60	65	>70	60	>70	63	63	>70
4	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
5	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
6	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
7	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
8	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
9	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
10	---	---	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 2450 MHz; -14.00 dBm.
LO IN: 2480 MHz; +7.00 dBm
IF OUT: 30 MHz; -19.91 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	12	50	16	38	32	51	46	75	64	---
1	-	13	+0	29	36	30	47	38	50	73	65	69
2	68	42	44	42	42	60	37	56	47	69	62	76
3	>90	40	48	41	38	48	62	43	64	48	54	75
4	>90	71	51	70	55	55	54	64	53	73	65	61
5	>90	69	78	57	70	55	64	60	74	56	75	59
6	>90	>80	73	>80	65	77	67	62	67	72	67	76
7	>90	>80	>80	>80	>80	72	>80	69	>80	72	>80	67
8	>90	>80	>80	>80	>80	>80	78	>80	80	71	>80	>80
9	>90	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
10	---	---	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 2450 MHz; -4.00 dBm.
LO IN: 2480 MHz; +7.00 dBm
IF OUT: 30 MHz; -10.06 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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