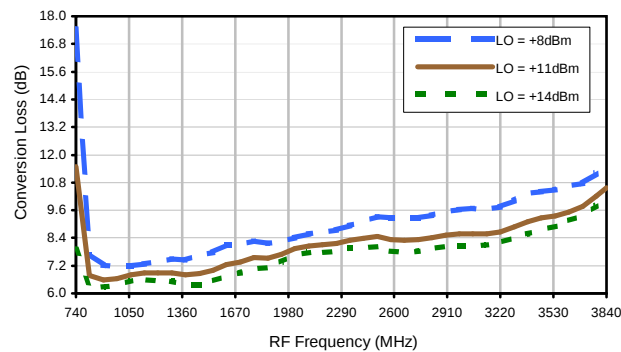
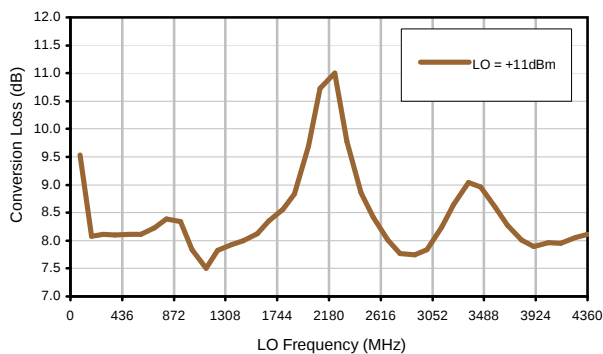


Typical Performance Curves

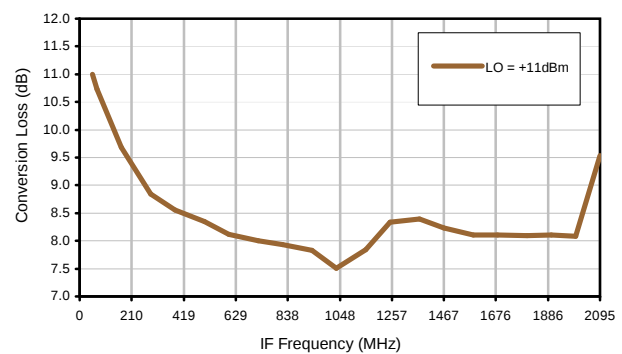
Conversion Loss @ IF=700MHz



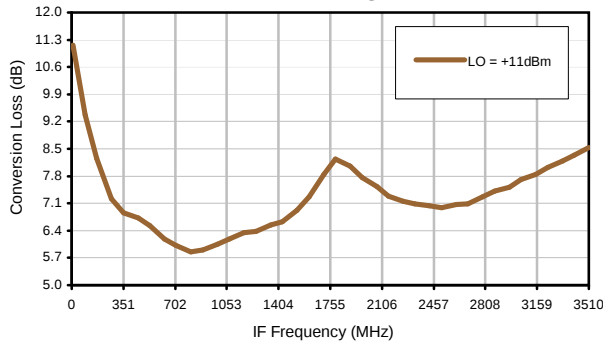
Conversion Loss vs. LO @ RF=2175MHz



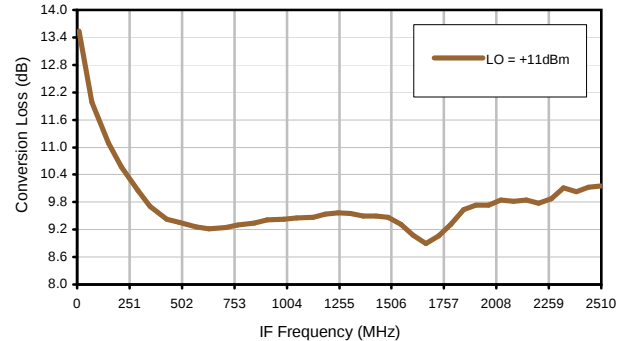
Conversion Loss vs. IF @ RF=2175MHz



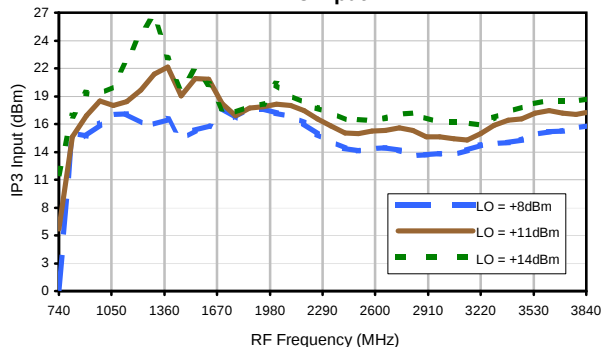
Conversion Loss vs. IF @ RF=889.9MHz



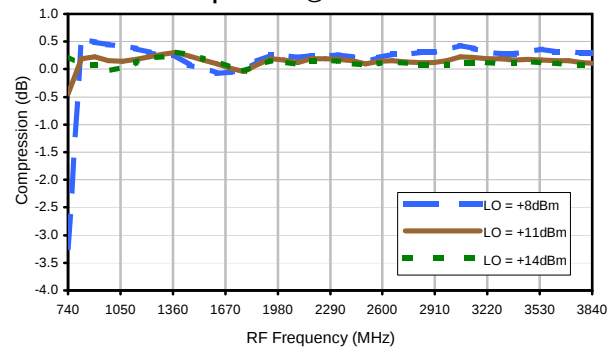
Conversion Loss vs. IF @ RF=3460.1MHz



IP3 Input



Compression @ RF IN=+5dBm



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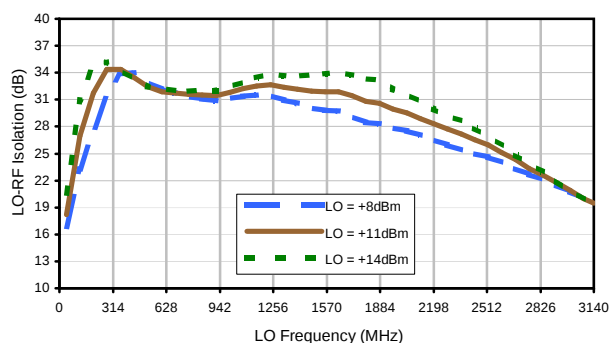


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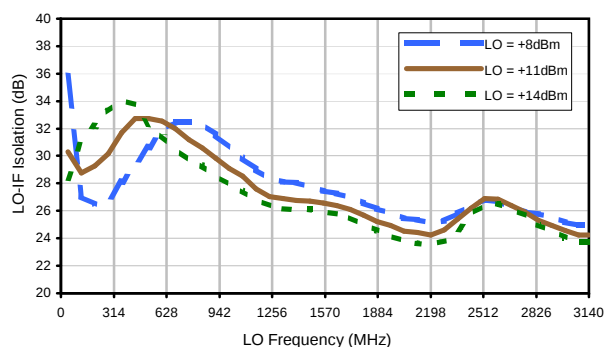


Typical Performance Curves

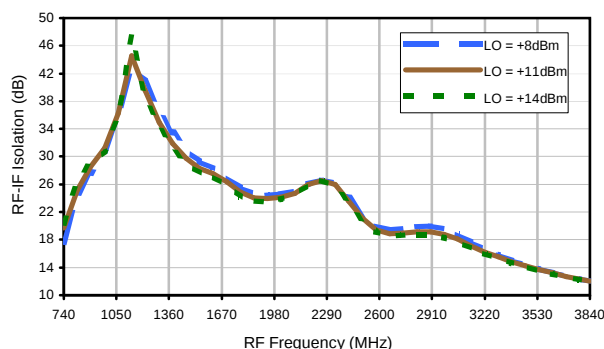
LO-RF Isolation



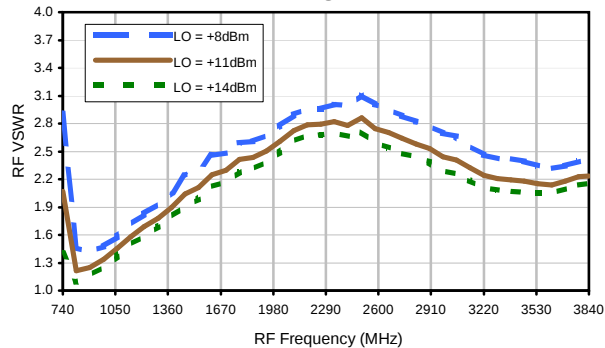
LO-IF Isolation



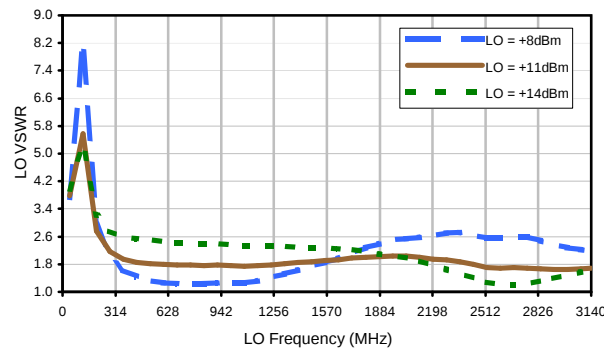
RF-IF Isolation



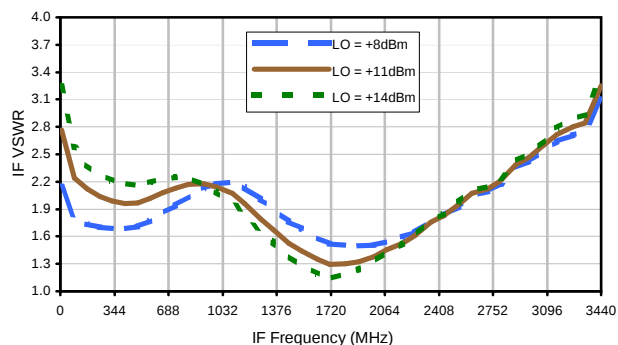
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+2	13	13	29	14	27	19	44	31	45
1	-	18	+0	25	12	34	31	38	33	40	47	56
2	78	65	56	53	62	58	59	68	68	62	56	65
3	>90	>72	69	>72	64	>72	64	>72	64	>72	69	72
4	>90	>72	>72	>72	>72	>72	>72	>72	>72	>72	>72	>72
5	>90	>72	>72	>72	>72	>72	>72	>72	>72	>72	>72	>72
6	>90	>72	>72	>72	>72	>72	>72	>72	>72	>72	>72	>72
7	>90	>72	>72	>72	>72	>72	>72	>72	>72	>72	>72	>72
8	>90	>72	>72	>72	>72	>72	>72	>72	>72	>72	>72	>72
9	>90	72	>72	>72	>72	>72	>72	>72	>72	>72	>72	>72
10	>90	>72	>72	>72	>72	>72	>72	>72	>72	>72	>72	>72
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 2175 MHz; -10.00 dBm.
LO IN: 1475 MHz; +11.00 dBm
IF OUT: 700 MHz; -18.07 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	8	23	24	38	25	40	32	69	45	67
1	-	19	+0	25	12	34	29	41	35	45	49	58
2	58	53	46	42	49	49	51	61	59	55	48	57
3	>90	52	49	53	44	57	46	58	46	59	55	59
4	>90	82	71	>82	68	68	66	68	66	62	75	78
5	>90	>82	81	75	72	76	64	75	63	72	62	77
6	>90	>82	>82	>82	>82	>82	>82	>82	81	80	>82	>82
7	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
8	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
9	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
10	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 2175 MHz; 0.00 dBm.
LO IN: 1475 MHz; +11.00 dBm
IF OUT: 700 MHz; -8.12 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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