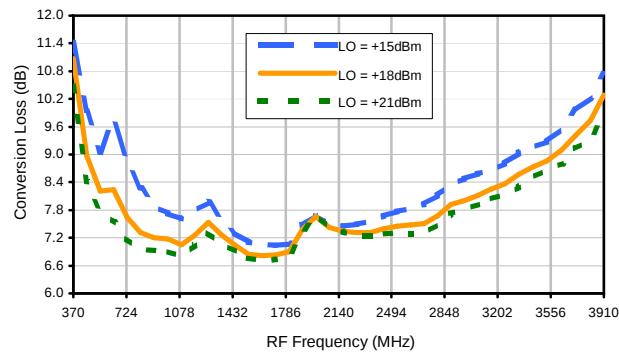
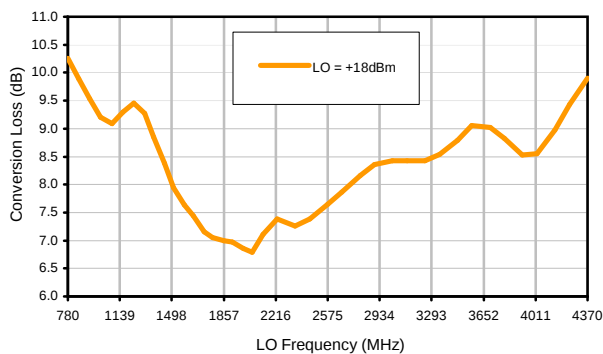


Typical Performance Curves

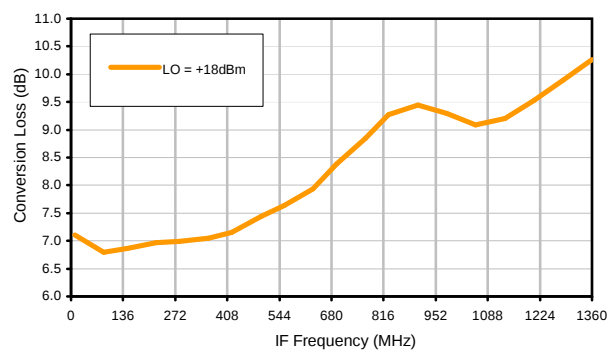
Conversion Loss @ IF=276.5MHz



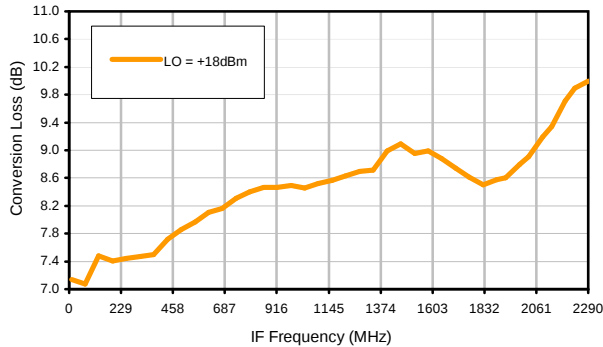
Conversion Loss vs. LO @ RF=2140MHz



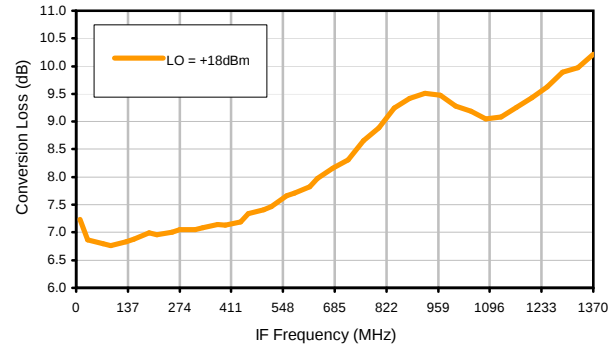
Conversion Loss vs. IF @ RF=2140MHz



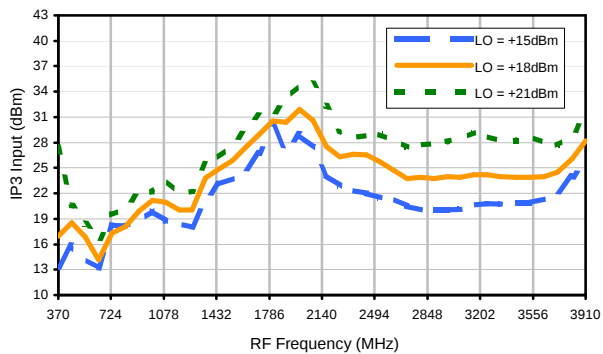
Conversion Loss vs. IF @ RF=2100MHz



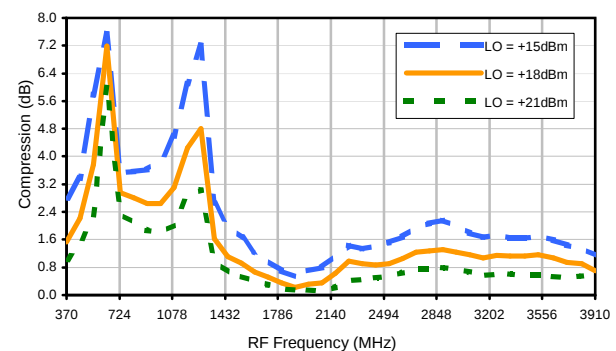
Conversion Loss vs. IF @ RF=2180.1MHz



IP3 Input



Compression @ RF IN=+17dBm



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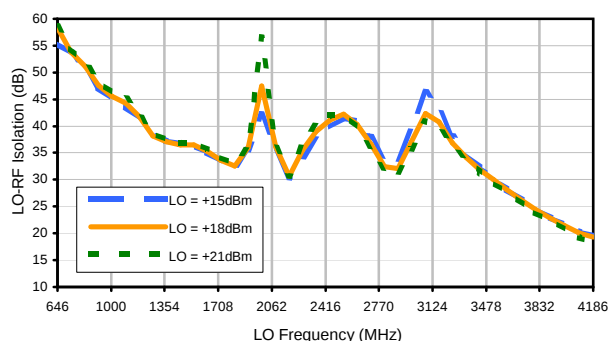


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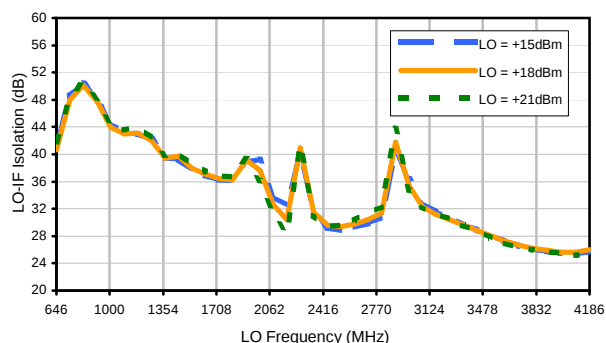


Typical Performance Curves

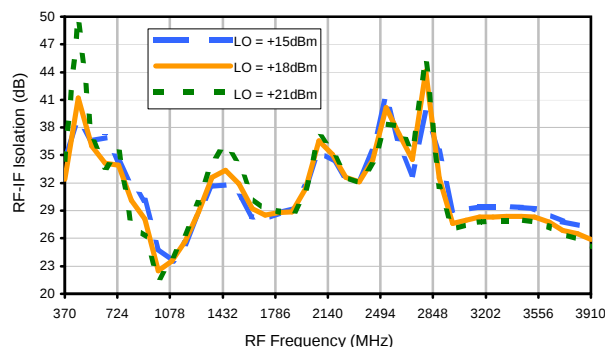
LO-RF Isolation



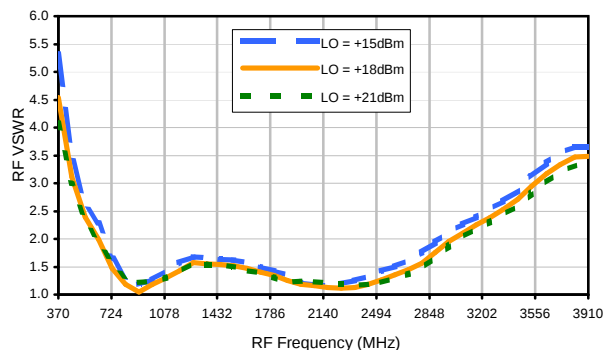
LO-IF Isolation



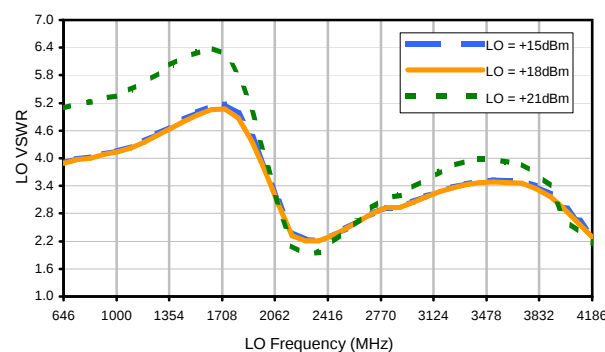
RF-IF Isolation



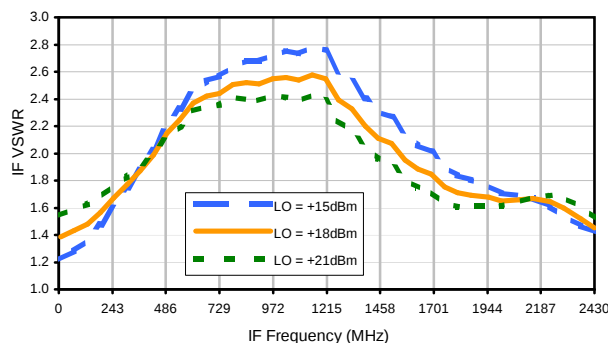
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(dBc)										
0	-	-	7	29	18	28	28	36	39	64	60	---
1	-	29	+0	36	19	36	32	41	43	52	76	65
2	54	62	51	59	64	53	62	56	63	63	66	>85
3	89	68	59	74	55	77	57	73	64	78	72	>85
4	>90	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85
5	>90	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85
6	>90	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85
7	>90	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85
8	>90	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85
9	>90	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85
10	>90	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 2140 MHz; 2.00 dBm.
LO IN: 2416.5 MHz; +18.00 dBm
IF OUT: 276.5 MHz; -5.46 dBm

RF HARMONICS ORDER

	(-dBm)	(dBc)										
0	-	-	17	37	28	34	39	53	52	74	81	---
1	-	29	+0	34	20	36	34	43	49	53	>94	66
2	34	52	39	49	48	44	62	47	54	57	61	82
3	59	47	39	55	35	60	37	55	45	61	54	73
4	83	61	68	69	65	57	70	58	77	71	73	76
5	>90	74	81	69	63	80	58	76	56	75	60	72
6	>90	86	84	79	92	77	72	77	72	74	81	74
7	>90	90	>94	93	89	83	76	81	78	87	79	94
8	>90	>94	94	91	>94	94	>94	87	87	>94	87	89
9	>90	>94	>94	>94	>94	>94	93	>94	79	91	82	91
10	>90	>94	>94	>94	>94	>94	>94	>94	>94	>94	>94	>94
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 2140 MHz; 12.00 dBm.
LO IN: 2416.5 MHz; +18.00 dBm
IF OUT: 276.5 MHz; 4.35 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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