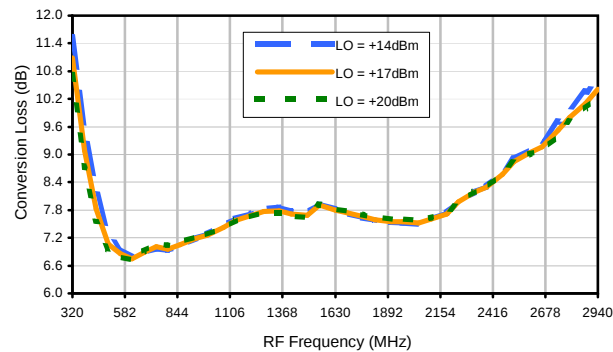
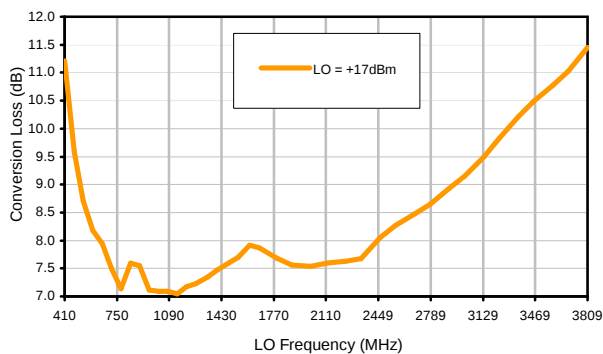


Typical Performance Curves

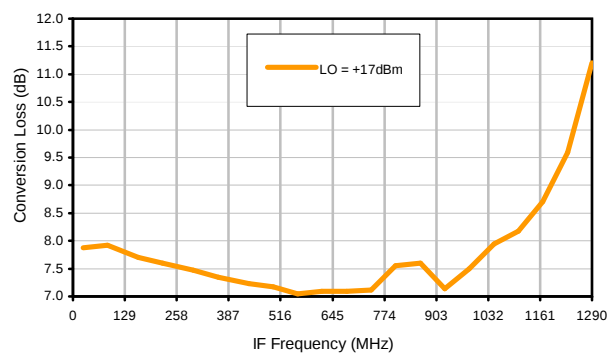
Conversion Loss @ IF=30MHz



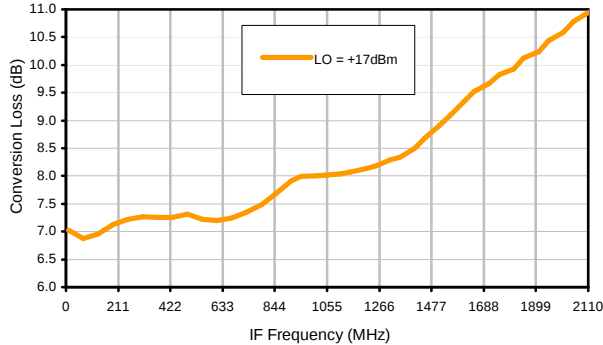
Conversion Loss vs. LO @ RF=1700MHz



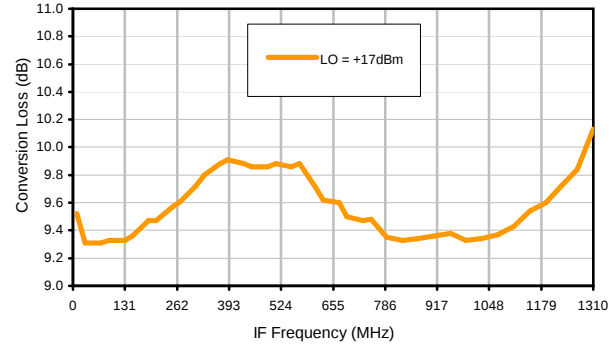
Conversion Loss vs. IF @ RF=1700MHz



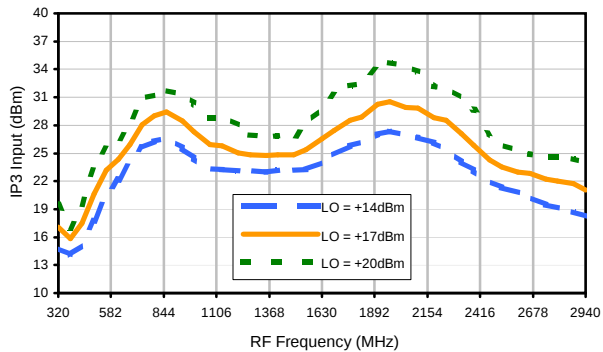
Conversion Loss vs. IF @ RF=689.9MHz



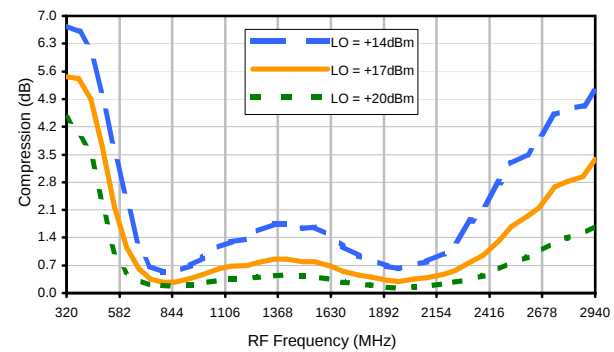
Conversion Loss vs. IF @ RF=2700.1MHz



IP3 Input



Compression @ RF IN=+17dBm



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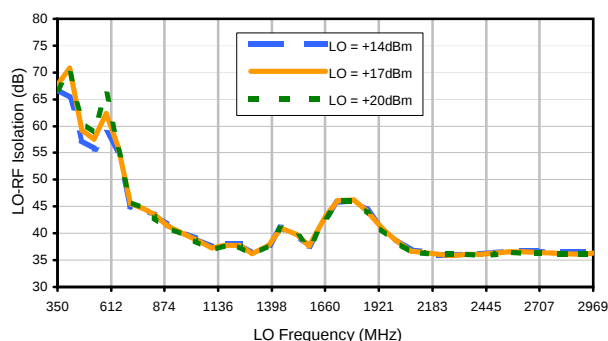


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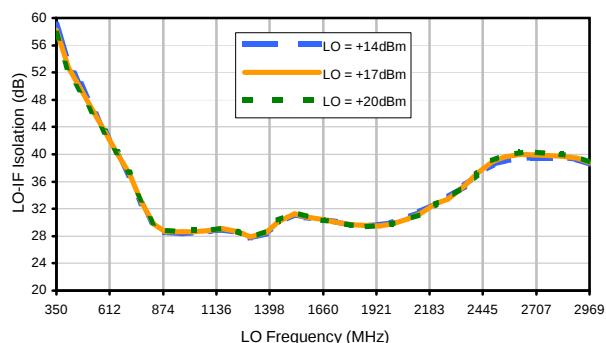


Typical Performance Curves

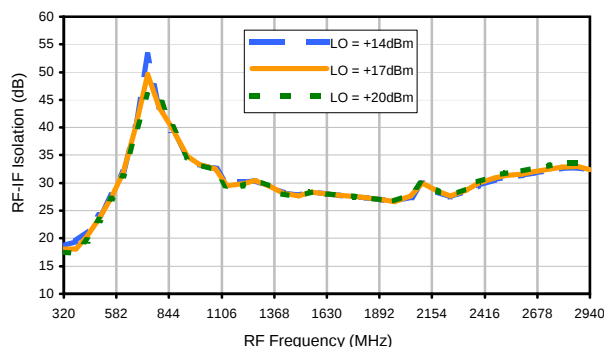
LO-RF Isolation



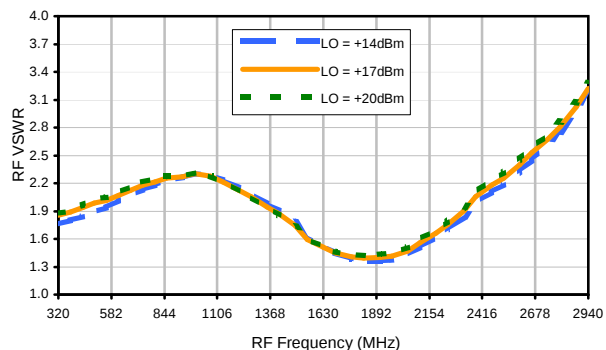
LO-IF Isolation



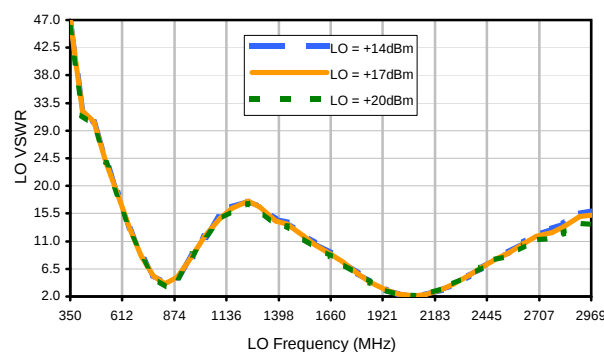
RF-IF Isolation



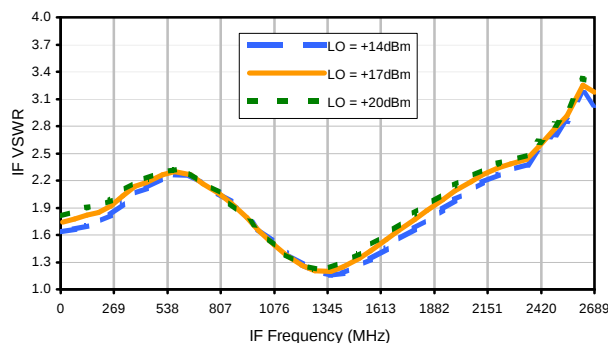
RF VSWR



LO VSWR



IF VSWR



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Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	8	22	21	24	41	39	48	60	63	69
1	-	19	+0	35	21	36	37	43	41	54	54	59
2	55	66	65	83	61	71	71	61	70	63	73	78
3	89	76	62	73	61	69	71	76	82	>84	80	>84
4	>90	>84	80	>84	76	>84	83	>84	>84	>84	>84	>84
5	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
6	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
7	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
8	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
9	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
10	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 2000 MHz; 2.00 dBm.
LO IN: 2030 MHz; +17.00 dBm
IF OUT: 30 MHz; -5.52 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	18	32	32	32	52	54	52	62	85	66
1	-	19	+0	33	22	38	38	44	45	56	58	62
2	35	58	52	58	55	62	54	50	61	51	69	68
3	59	58	42	55	40	54	48	57	60	68	58	71
4	81	70	82	73	75	68	69	76	84	72	78	83
5	>90	91	82	73	66	66	62	66	70	76	88	92
6	>90	86	>94	86	80	84	78	80	89	91	93	88
7	>90	>94	91	>94	94	85	77	77	72	79	83	86
8	>90	>94	>94	>94	>94	>94	86	>94	91	94	88	>94
9	>90	>94	>94	>94	>94	>94	>94	>94	87	86	83	91
10	>90	>94	>94	>94	>94	>94	>94	>94	90	>94	90	>94
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 2000 MHz; 12.00 dBm.
LO IN: 2030 MHz; +17.00 dBm
IF OUT: 30 MHz; 4.33 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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