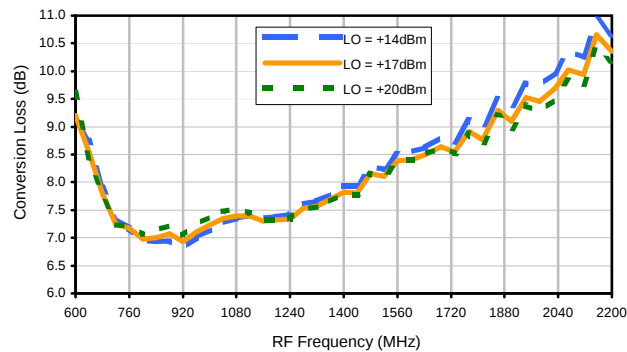
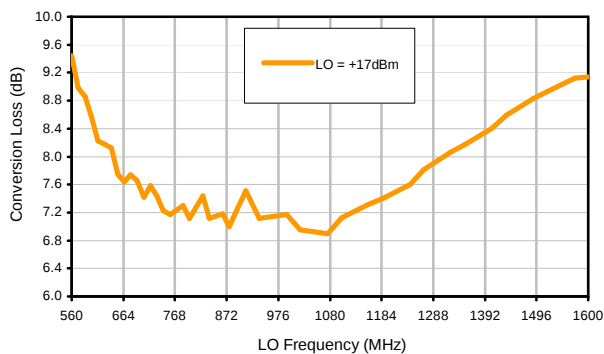


Typical Performance Curves

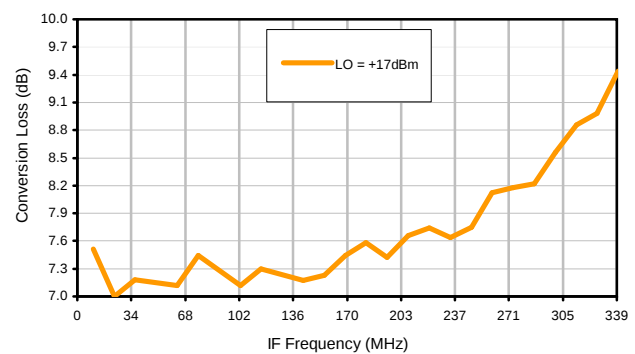
Conversion Loss @ IF=72MHz



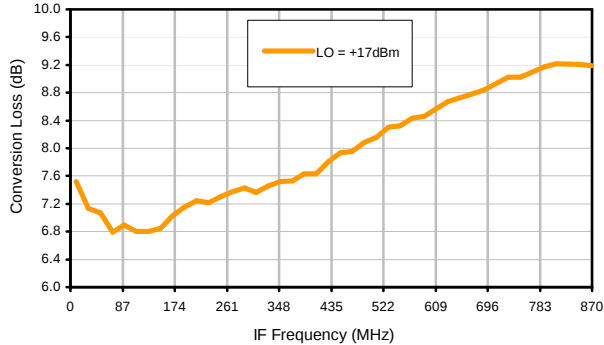
Conversion Loss vs. LO @ RF=900MHz



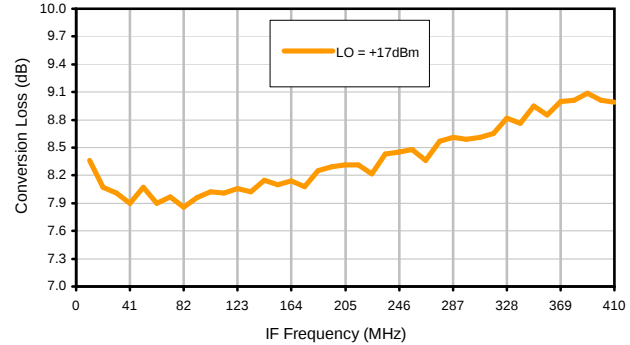
Conversion Loss vs. IF @ RF=900MHz



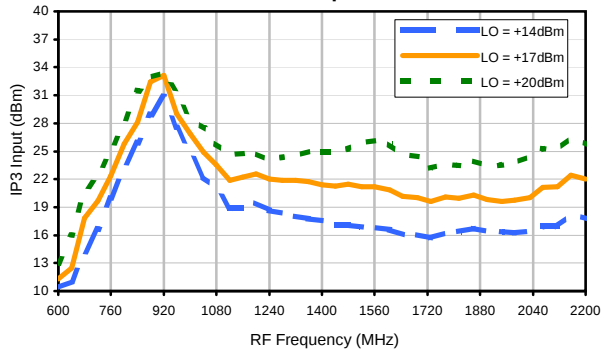
Conversion Loss vs. IF @ RF=730MHz



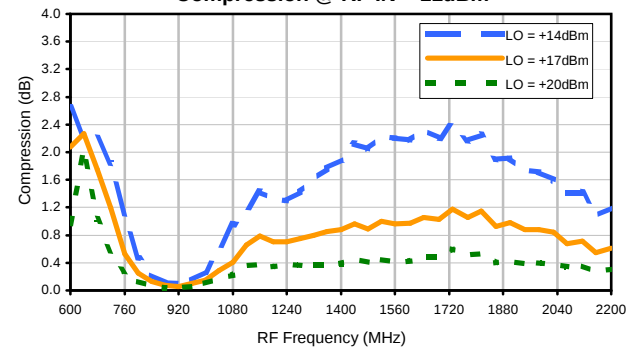
Conversion Loss vs. IF @ RF=1410.1MHz



IP3 Input



Compression @ RF IN=+11dBm



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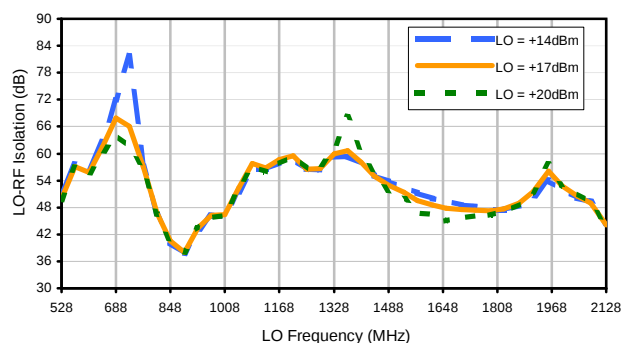


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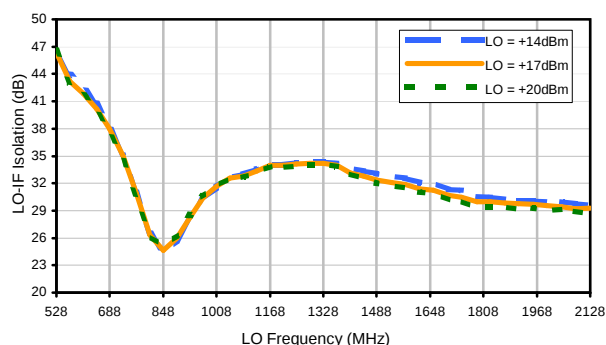


Typical Performance Curves

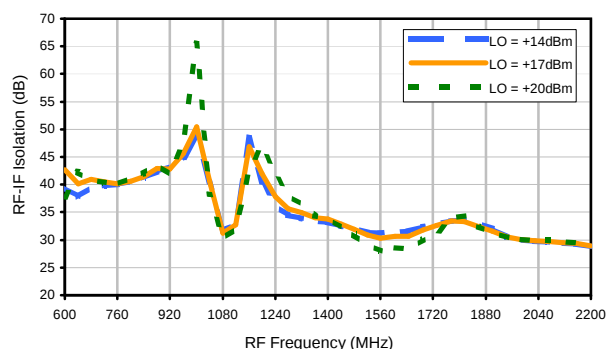
LO-RF Isolation



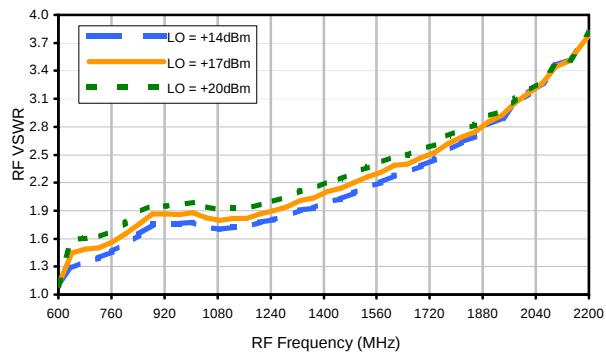
LO-IF Isolation



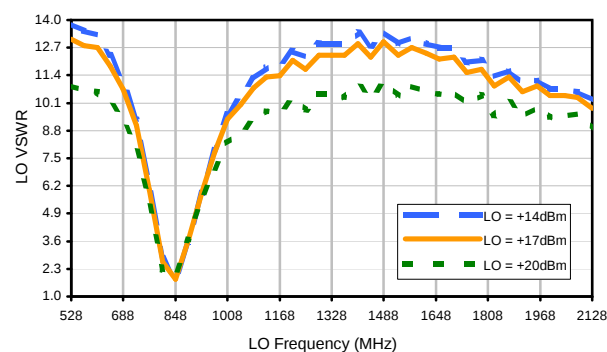
RF-IF Isolation



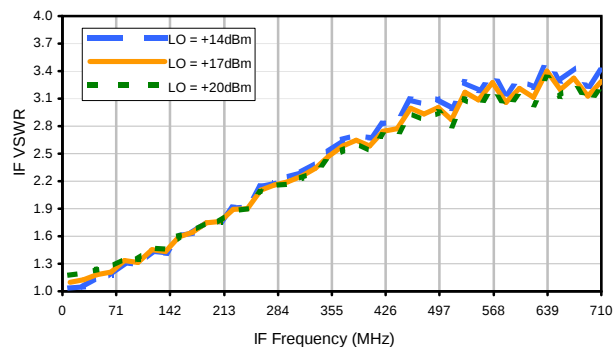
RF VSWR



LO VSWR



IF VSWR



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Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+3	22	8	15	19	34	26	32	49	28
1	-	35	+0	41	14	36	33	38	36	43	36	55
2	70	62	60	56	60	59	60	69	59	71	66	78
3	>90	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
4	>90	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
5	>90	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
6	>90	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
7	>90	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
8	>90	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
9	>90	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>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: 900 MHz; -4.00 dBm.
LO IN: 828 MHz; +17.00 dBm
IF OUT: 72 MHz; -11.12 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	7	33	18	25	30	44	36	42	58	39
1	-	35	+0	40	14	36	32	38	36	43	36	56
2	50	52	50	47	50	49	50	59	50	62	57	69
3	79	87	66	81	64	80	69	>89	71	76	72	82
4	>90	>89	>89	>89	84	>89	80	>89	84	>89	81	>89
5	>90	>89	>89	>89	>89	>89	>89	88	>89	>89	>89	>89
6	>90	>89	>89	>89	>89	>89	>89	>89	>89	>89	>89	>89
7	>90	>89	>89	>89	>89	>89	>89	>89	>89	>89	>89	>89
8	>90	>89	>89	>89	>89	>89	>89	>89	>89	>89	>89	>89
9	>90	>89	>89	>89	>89	>89	>89	>89	>89	>89	>89	>89
10	>90	>89	>89	>89	>89	>89	>89	>89	>89	>89	>89	>89
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 900 MHz; 6.00 dBm.
LO IN: 828 MHz; +17.00 dBm
IF OUT: 72 MHz; -1.13 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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