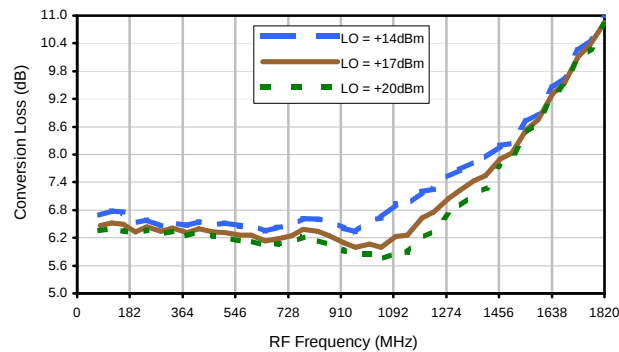
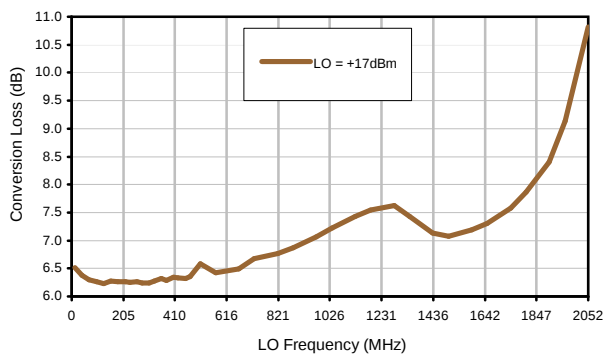


Typical Performance Curves

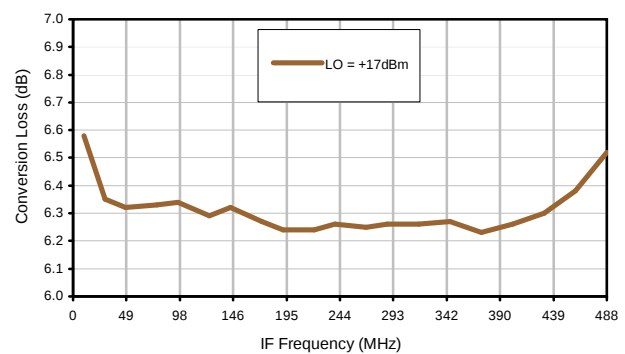
Conversion Loss @ IF=70MHz



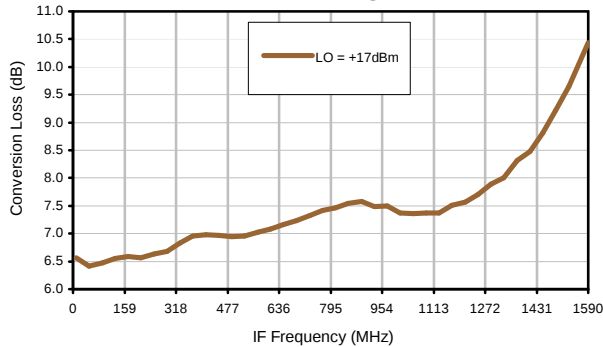
Conversion Loss vs. LO @ RF=500MHz



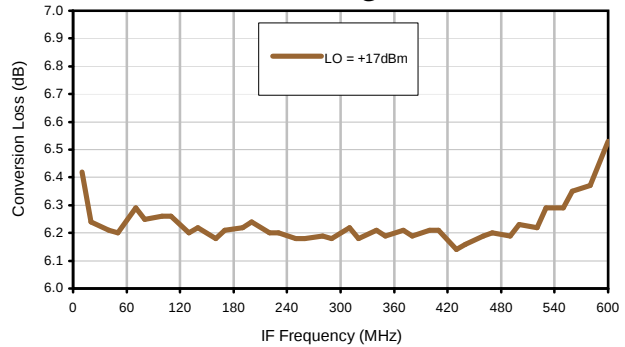
Conversion Loss vs. IF @ RF=500MHz



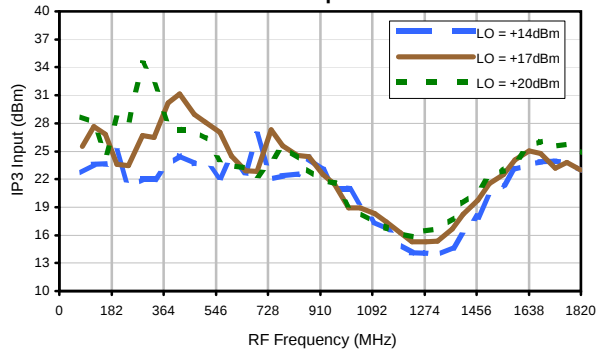
Conversion Loss vs. IF @ RF=389.9MHz



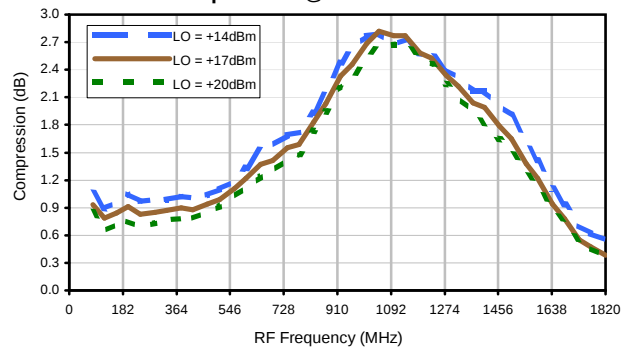
Conversion Loss vs. IF @ RF=610.1MHz



IP3 Input

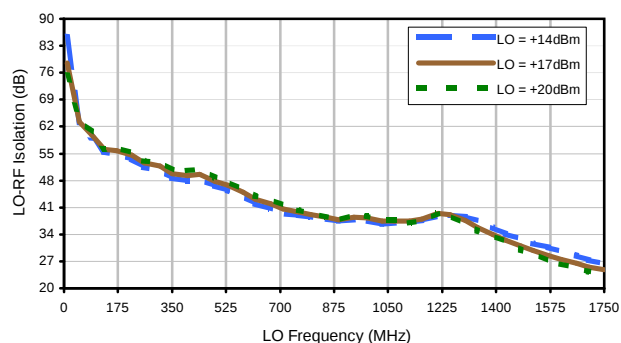


Compression @ RF IN=+10dBm

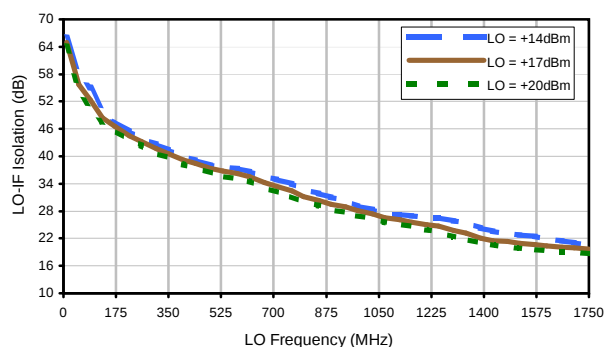


Typical Performance Curves

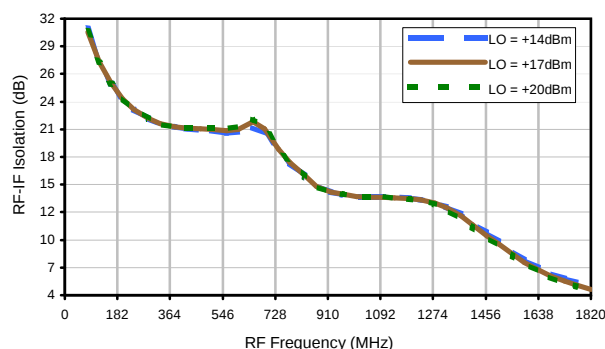
LO-RF Isolation



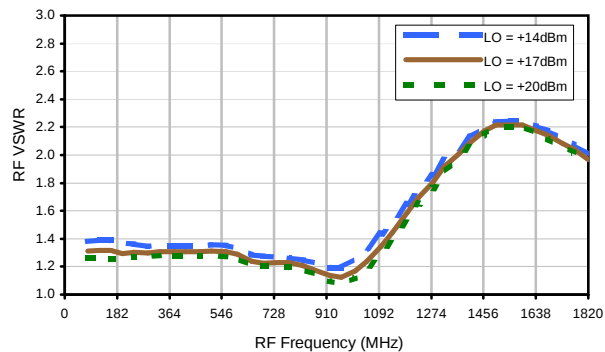
LO-IF Isolation



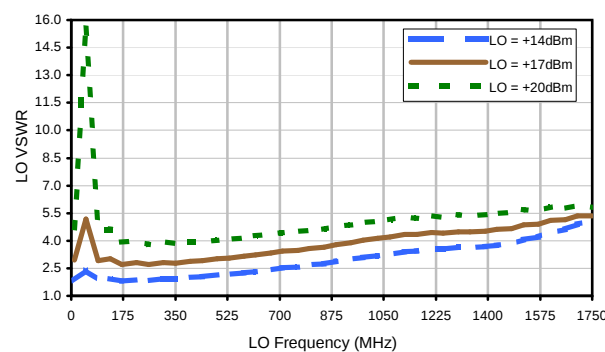
RF-IF Isolation



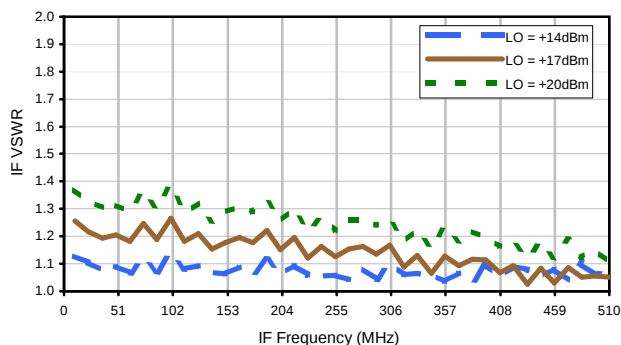
RF VSWR



LO VSWR



IF VSWR



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Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	10	27	17	37	18	36	26	40	24	38
1	-	15	+0	29	12	37	17	34	36	41	53	43
2	74	>79	52	>79	53	74	55	78	56	71	65	71
3	>90	73	>79	>79	68	>79	62	>79	62	>79	76	>79
4	>90	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
5	>90	>79	>79	>79	>79	>79	78	>79	78	>79	>79	>79
6	>90	>79	>79	>79	>79	>79	>79	77	>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: 500 MHz; -5.00 dBm.
LO IN: 430 MHz; +17.00 dBm
IF OUT: 70 MHz; -11.35 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	19	37	28	48	29	48	37	52	36	50
1	-	15	+0	28	12	37	18	37	36	46	50	49
2	54	69	42	72	43	64	44	69	49	76	56	68
3	82	50	51	65	51	63	43	62	43	51	72	56
4	>90	>89	73	74	68	>89	74	86	65	85	62	71
5	>90	66	67	68	58	66	54	64	57	66	54	62
6	>90	>89	86	>89	74	78	72	86	72	>89	69	>89
7	>90	88	>89	86	81	81	69	83	69	80	67	76
8	>90	>89	>89	>89	>89	>89	>89	83	>89	86	86	>89
9	>90	>89	>89	>89	>89	>89	>89	>89	>89	87	84	85
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: 500 MHz; 5.00 dBm.
LO IN: 430 MHz; +17.00 dBm
IF OUT: 70 MHz; -1.36 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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