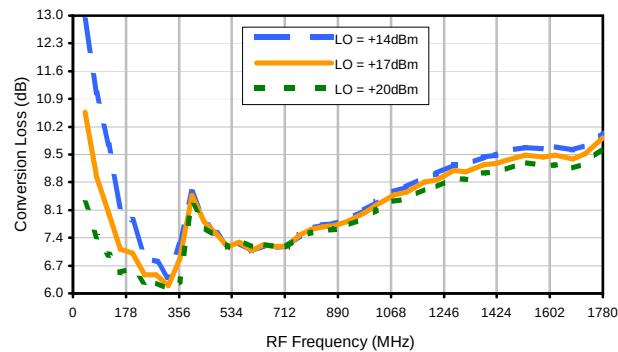
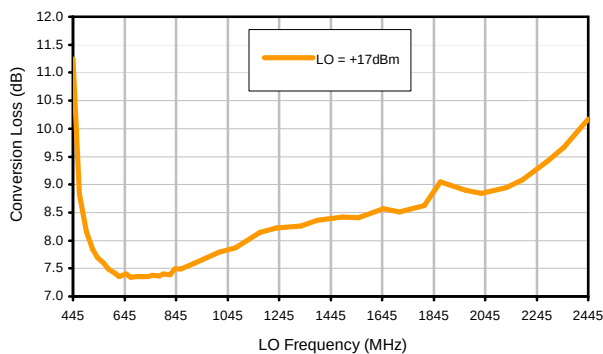


Typical Performance Curves

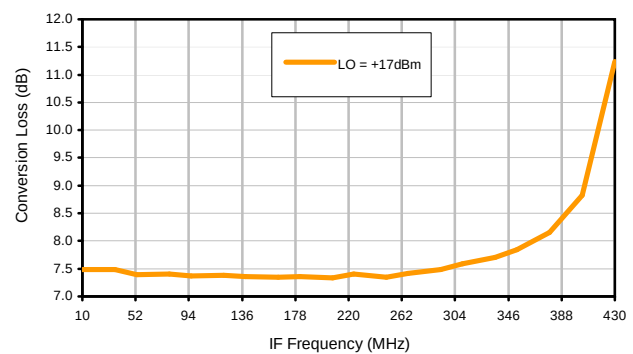
Conversion Loss @ IF=76.1MHz



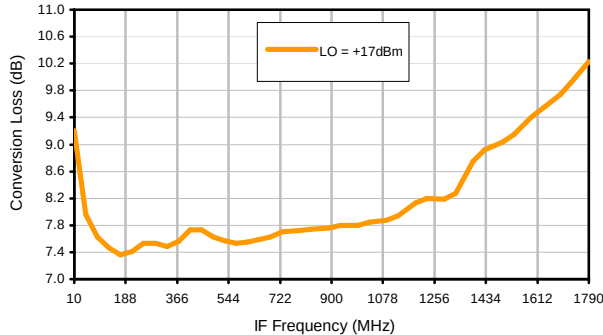
Conversion Loss vs. LO @ RF=875MHz



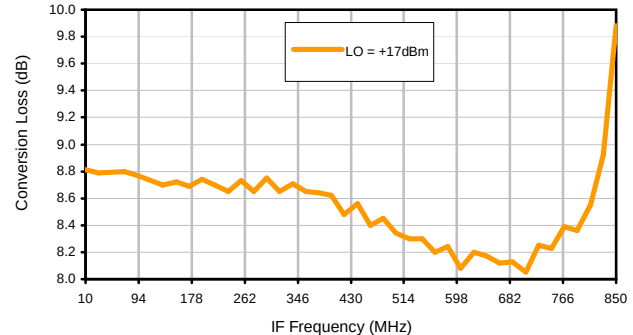
Conversion Loss vs. IF @ RF=875MHz



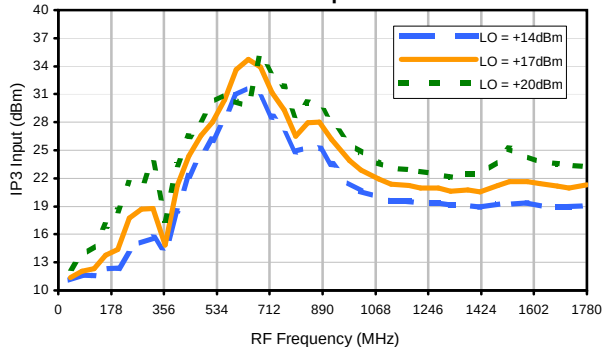
Conversion Loss vs. IF @ RF=449.9MHz



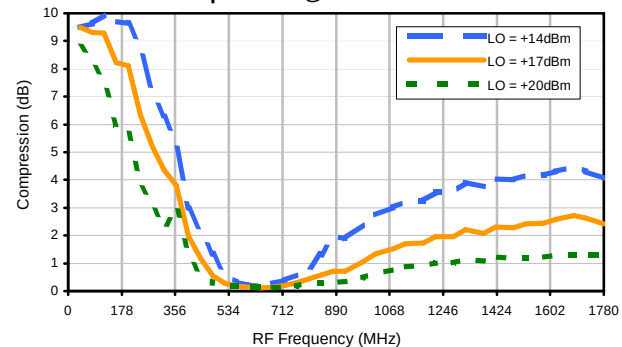
Conversion Loss vs. IF @ RF=1310.1MHz



IP3 Input

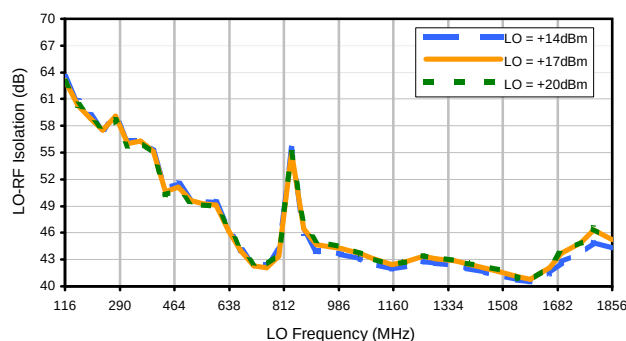


Compression @ RF IN=+17dBm

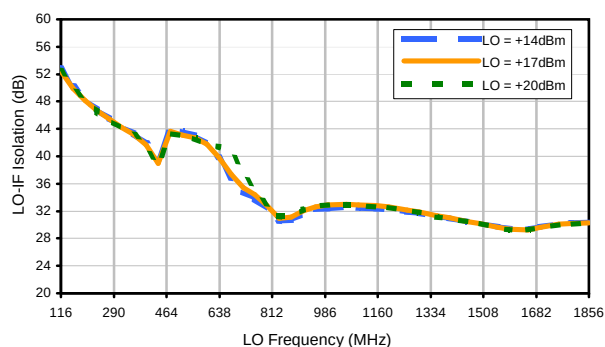


Typical Performance Curves

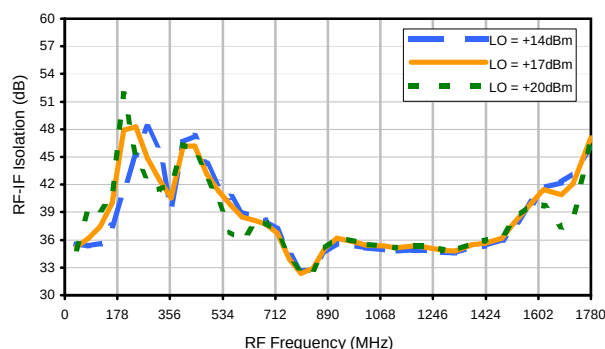
LO-RF Isolation



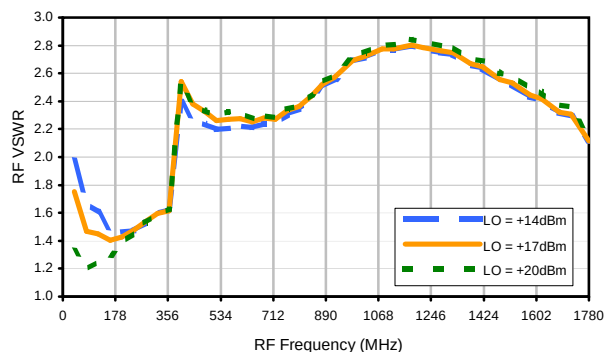
LO-IF Isolation



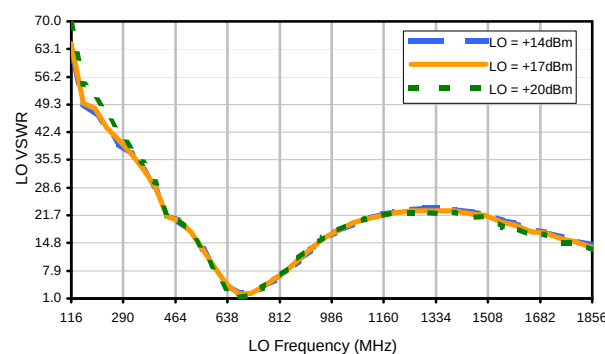
RF-IF Isolation



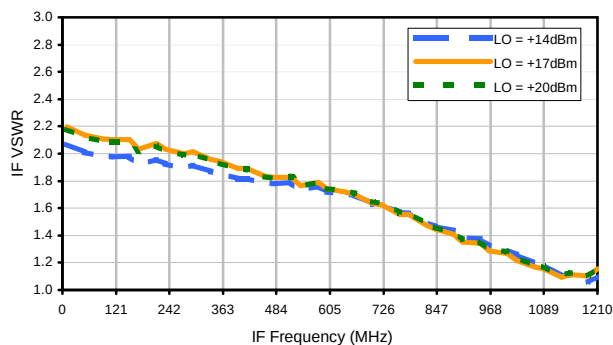
RF VSWR



LO VSWR



IF VSWR



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Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	10	26	31	28	35	46	42	45	41	43
1	-	27	+0	26	17	32	38	36	38	39	41	54
2	58	58	60	54	40	58	47	67	53	63	59	62
3	89	72	60	63	58	66	60	70	70	70	75	74
4	>90	>84	83	>84	77	84	76	80	81	>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: 875 MHz; 2.00 dBm.
LO IN: 951.1 MHz; +17.00 dBm
IF OUT: 76.1 MHz; -5.95 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	20	31	34	38	36	53	52	51	45	52
1	-	26	+0	25	19	32	35	40	41	48	46	68
2	38	38	44	39	28	48	38	48	48	53	54	56
3	60	56	35	47	34	43	40	46	51	52	58	59
4	82	58	55	72	50	54	43	58	52	59	57	62
5	>90	61	75	59	54	58	53	62	57	59	63	66
6	>90	83	84	76	78	73	66	66	64	69	69	74
7	>90	>94	89	83	85	82	78	77	78	80	80	85
8	>90	>94	>94	>94	92	88	85	81	77	76	82	80
9	>90	>94	>94	>94	>94	>94	>94	>94	91	87	81	82
10	>90	>94	>94	>94	>94	>94	>94	>94	91	86	88	87
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 875 MHz; 12.00 dBm.
LO IN: 951.1 MHz; +17.00 dBm
IF OUT: 76.1 MHz; 3.74 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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