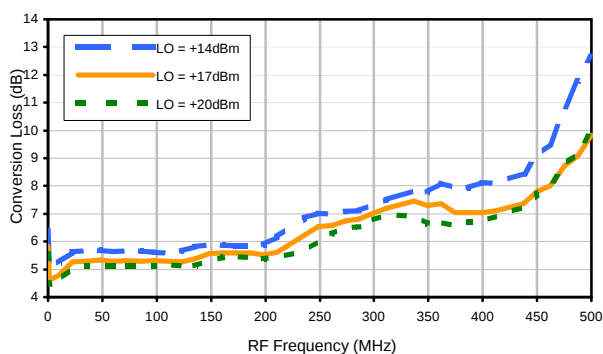
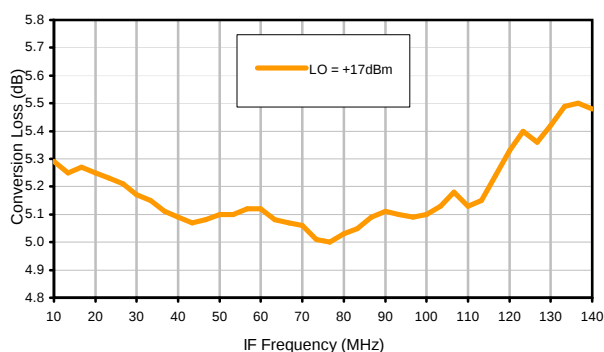


Typical Performance Curves

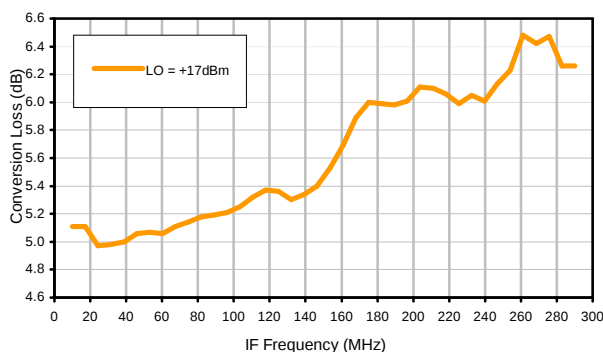
Conversion Loss @ IF=30MHz



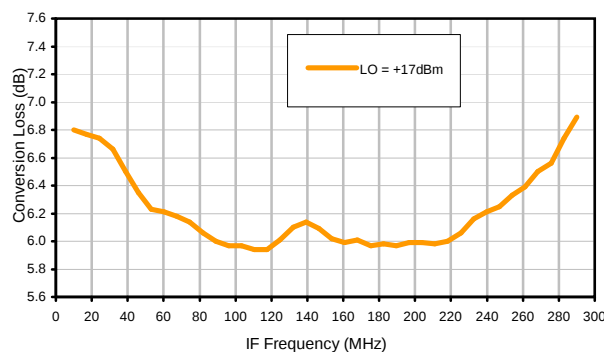
Conversion Loss vs. IF @ RF=150.1MHz



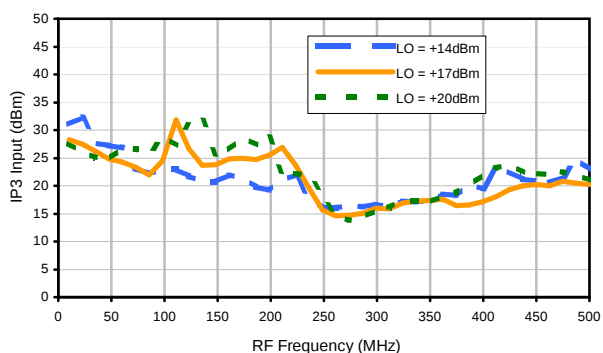
Conversion Loss vs. IF @ RF=10.1MHz



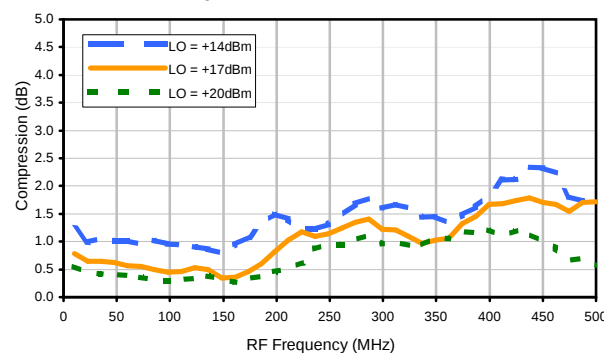
Conversion Loss vs. IF @ RF=300.1MHz



IP3 Input

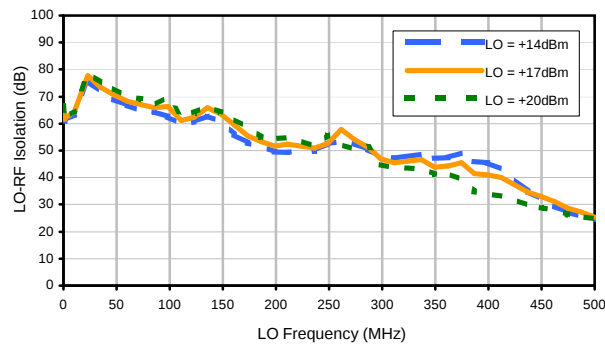


Compression @ RF IN=+14dBm

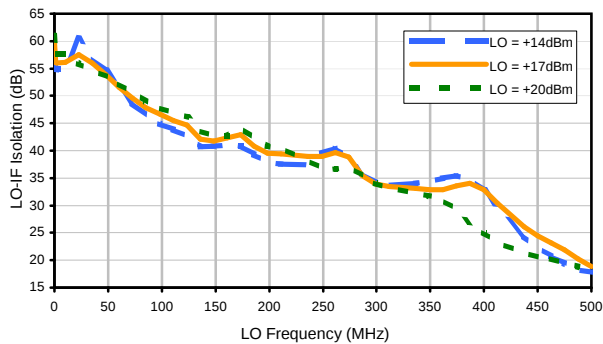


Typical Performance Curves

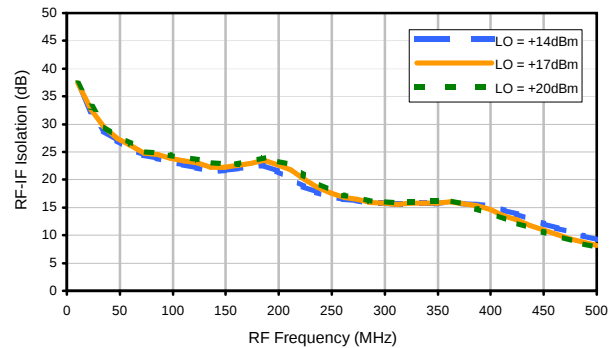
LO-RF Isolation



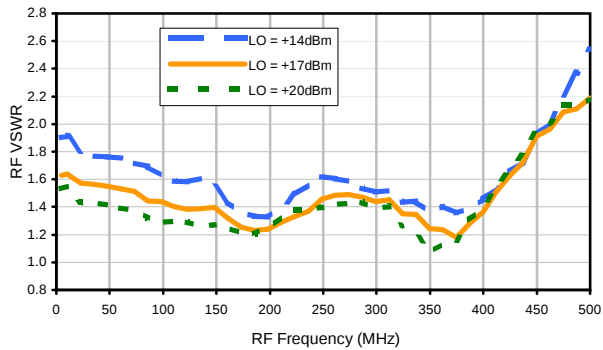
LO-IF Isolation



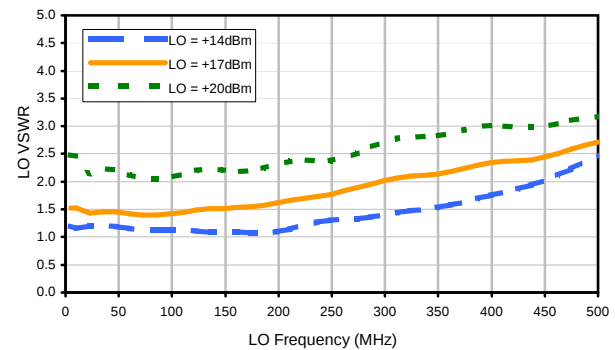
RF-IF Isolation



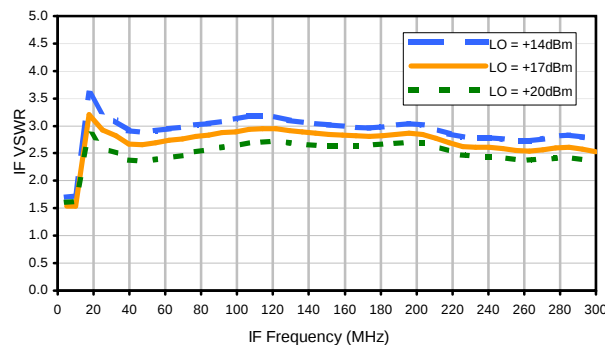
RF VSWR



LO VSWR



IF VSWR



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Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	18	28	20	39	28	42	29	42	39	52
1	-	16	+0	28	15	29	26	43	28	51	33	48
2	>100	70	53	61	51	65	63	65	56	75	52	60
3	>100	54	52	57	46	62	44	60	47	66	51	60
4	>100	77	67	79	69	84	67	76	73	84	72	83
5	>100	87	70	77	68	72	65	76	66	80	89	>93
6	>100	>93	89	92	86	>93	51	90	83	93	85	>93
7	>100	>93	89	93	84	85	82	81	>93	93	92	>93
8	>100	>93	>93	>93	>93	>93	>93	>93	93	>93	>93	>93
9	>100	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93
10	>100	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 150.1 MHz; -1.00 dBm.

LO IN: 180.01 MHz; +17.00 dBm

IF OUT: 29.91 MHz; -6.59 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	28	41	31	49	41	58	42	64	50	71
1	-	17	+0	29	14	33	30	46	36	54	43	56
2	80	52	64	56	56	52	63	80	60	64	53	60
3	>100	41	36	44	57	47	47	45	41	56	43	56
4	>100	78	62	66	63	68	71	69	63	75	67	73
5	>100	68	62	63	50	69	44	60	45	64	53	67
6	>100	88	76	80	74	81	55	78	72	73	73	83
7	>100	69	71	70	61	83	61	66	54	69	56	76
8	>100	>103	83	96	82	79	75	82	78	85	74	77
9	>100	83	80	91	86	82	67	72	66	70	64	70
10	>100	85	84	92	86	93	81	89	91	96	82	96
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 150.1 MHz; 9.00 dBm.

LO IN: 180.01 MHz; +17.00 dBm

IF OUT: 29.91 MHz; 3.48 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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