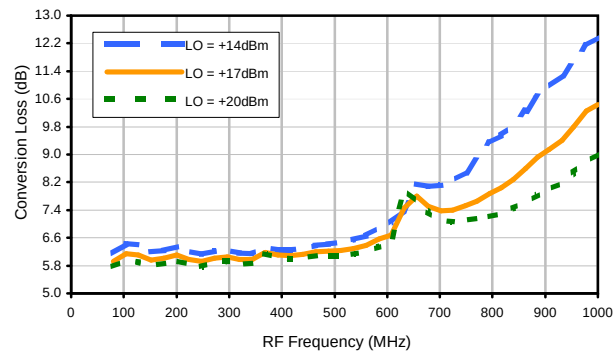
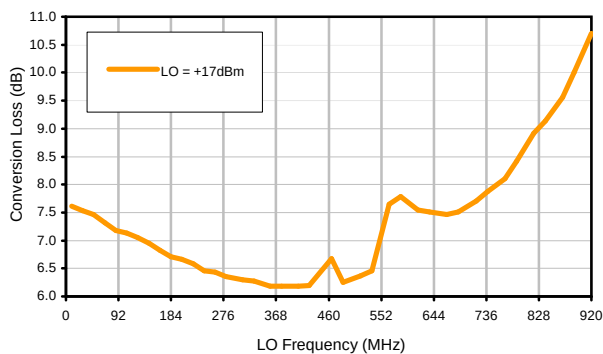


Typical Performance Curves

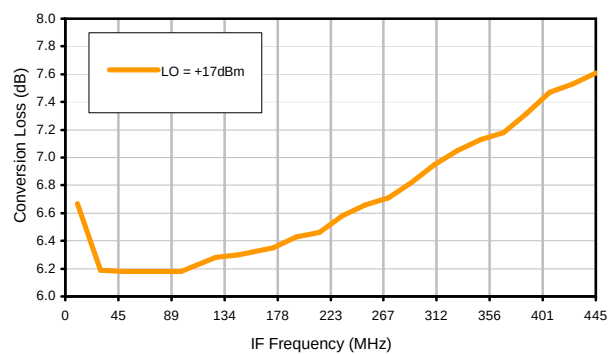
Conversion Loss @ IF=70MHz



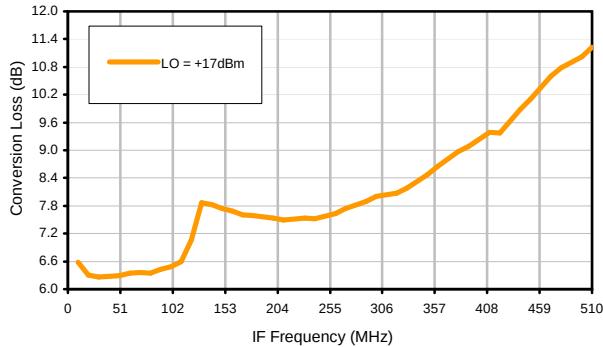
Conversion Loss vs. LO @ RF=455MHz



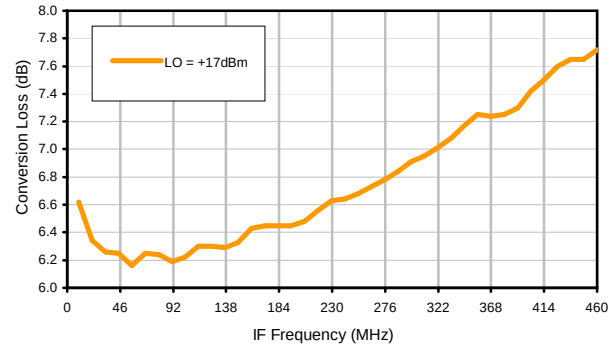
Conversion Loss vs. IF @ RF=455MHz



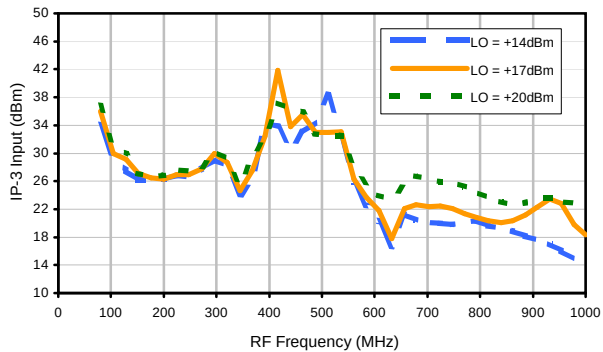
Conversion Loss vs. IF @ RF=439.9MHz



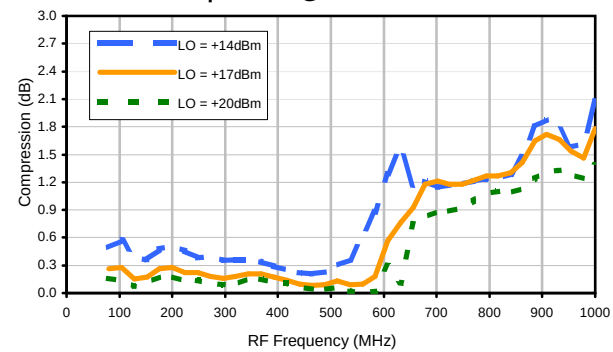
Conversion Loss vs. IF @ RF=470.1MHz



IP-3 Input

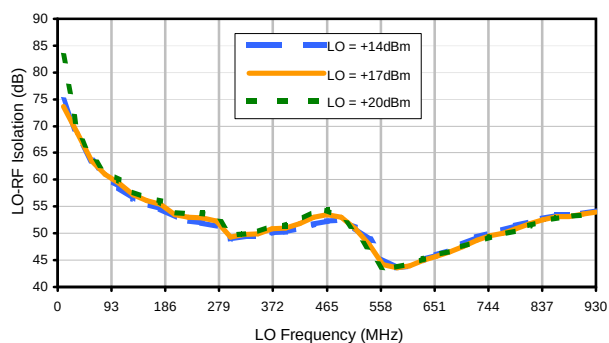


Compression @ RF IN=+17dBm

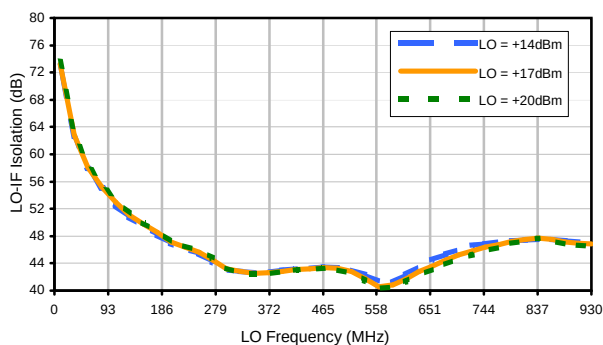


Typical Performance Curves

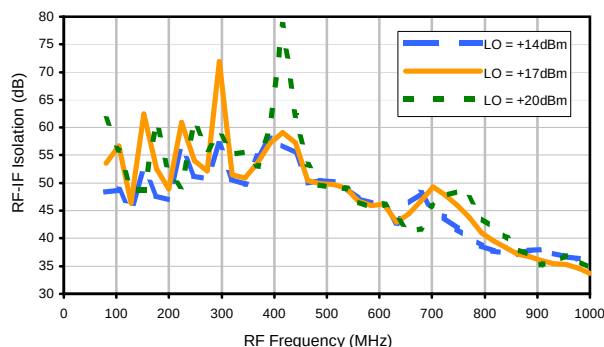
LO-RF Isolation



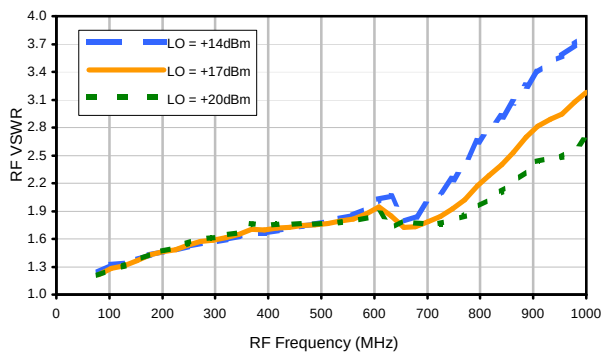
LO-IF Isolation



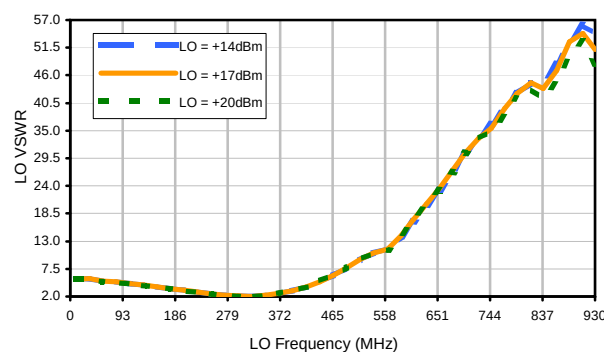
RF-IF Isolation



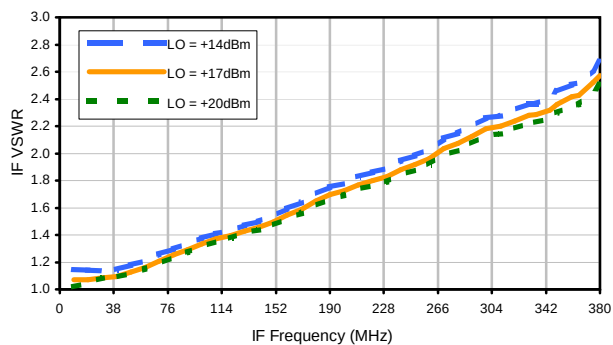
RF VSWR



LO VSWR



IF VSWR



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Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	22	41	31	34	64	43	59	60	65	64
1	-	48	+0	44	13	45	19	42	31	44	41	47
2	60	62	75	60	65	64	62	66	59	73	70	74
3	>90	69	53	69	53	67	54	66	51	63	52	65
4	>90	>86	>86	>86	>86	>86	>86	>86	86	83	81	>86
5	>90	>86	80	>86	80	>86	76	>86	76	82	72	79
6	>90	73	80	71	80	72	83	74	>86	78	>86	80
7	>90	>86	>86	83	>86	81	86	>86	>86	>86	>86	>86
8	>90	56	69	55	65	52	63	51	66	54	67	53
9	>90	76	65	77	75	70	73	59	66	62	64	65
10	>90	59	47	44	48	41	44	31	42	19	45	13
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 455 MHz; 2.00 dBm.
LO IN: 385 MHz; +17.00 dBm
IF OUT: 70 MHz; -4.28 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	32	49	42	45	57	55	57	69	63	59
1	-	53	+0	43	13	47	20	48	28	51	34	58
2	40	53	57	48	61	55	64	60	59	62	63	64
3	61	58	39	63	39	68	41	62	42	57	48	58
4	87	61	74	60	78	58	70	60	67	60	64	65
5	>90	77	56	71	56	74	54	74	54	73	53	66
6	>90	56	66	54	66	53	72	54	74	54	74	56
7	>90	75	79	71	66	64	61	67	60	70	58	77
8	>90	55	61	52	58	48	57	42	62	41	68	39
9	>90	71	69	72	64	63	63	59	61	63	55	61
10	>90	39	61	36	58	34	52	28	48	20	47	13
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 455 MHz; 12.00 dBm.
LO IN: 385 MHz; +17.00 dBm
IF OUT: 70 MHz; 5.68 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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