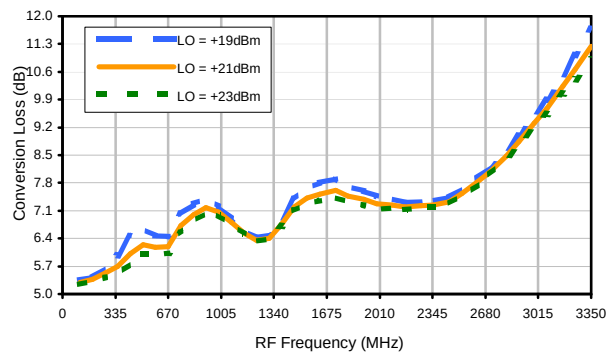
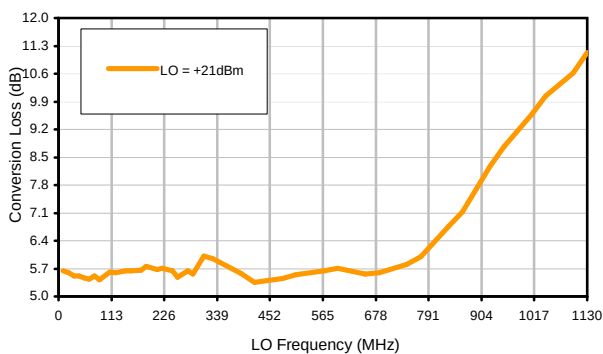


Typical Performance Curves

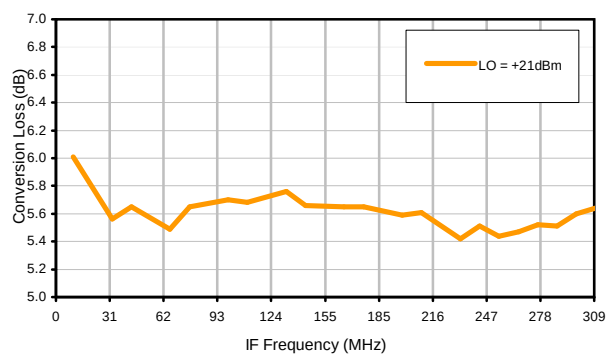
Conversion Loss @ IF=20MHz



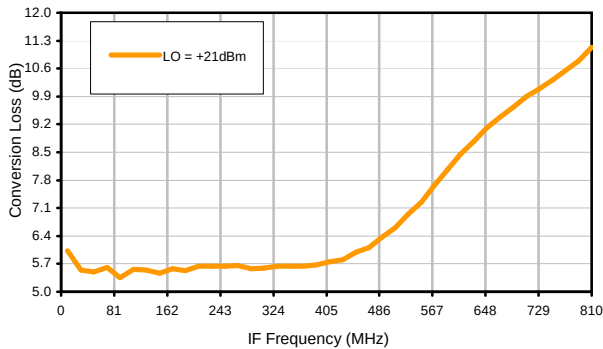
Conversion Loss vs. LO @ RF=320MHz



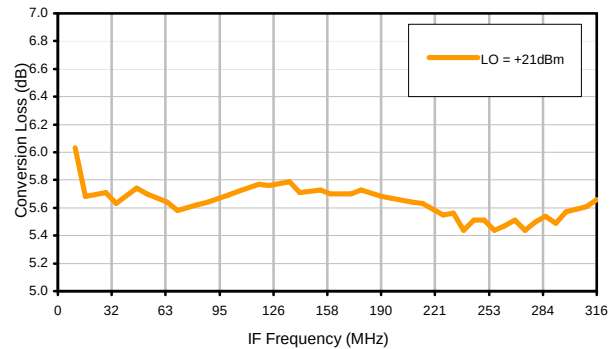
Conversion Loss vs. IF @ RF=320MHz



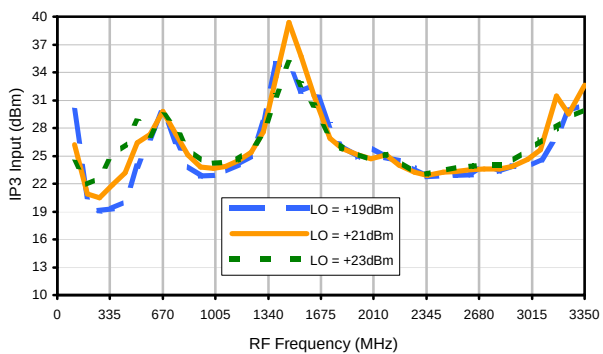
Conversion Loss vs. IF @ RF=315.1MHz



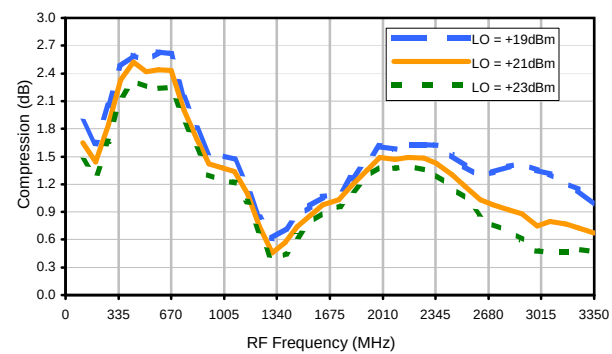
Conversion Loss vs. IF @ RF=326.1MHz



IP3 Input

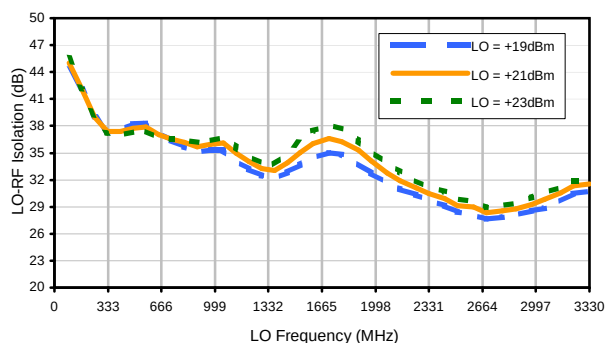


Compression @ RF IN=+16dBm

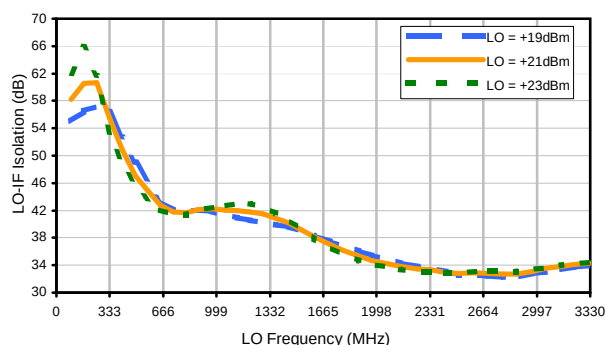


Typical Performance Curves

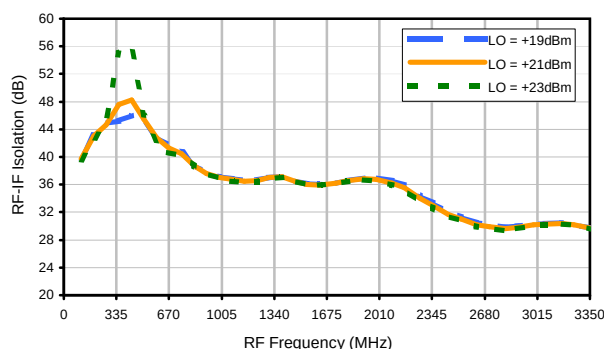
LO-RF Isolation



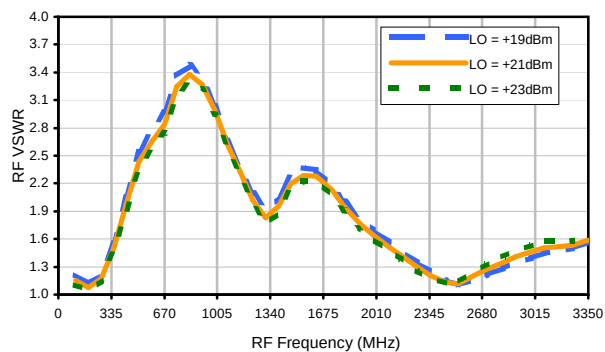
LO-IF Isolation



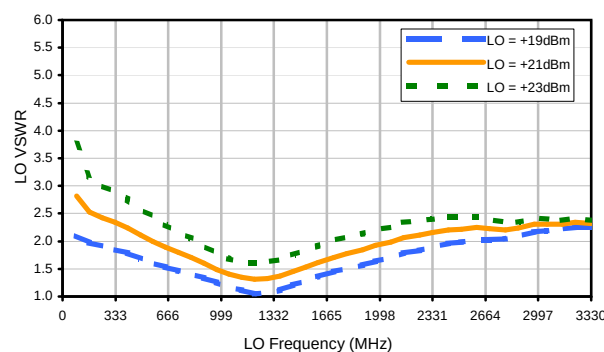
RF-IF Isolation



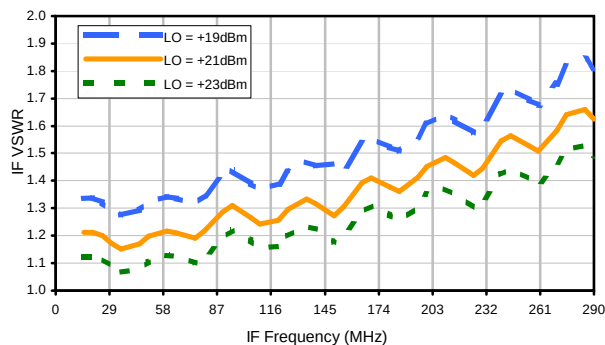
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	33	17	29	38	39	49	43	55	50	49
1	-	36	+0	40	14	52	29	53	40	54	43	60
2	68	61	79	56	>84	62	74	73	77	77	71	77
3	>90	>84	52	>84	50	>84	50	>84	60	82	69	82
4	>90	>84	>84	83	82	77	84	75	>84	>84	>84	>84
5	>90	>84	>84	>84	83	>84	77	>84	75	>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: 320.1 MHz; 1.00 dBm.
LO IN: 300.1 MHz; +21.00 dBm
IF OUT: 20 MHz; -5.68 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	41	29	40	53	50	64	57	71	64	71
1	-	38	+0	39	15	65	36	63	50	62	51	71
2	48	49	67	48	54	52	69	64	69	74	71	83
3	73	63	33	58	28	56	37	71	48	72	56	72
4	>90	86	76	66	64	56	66	65	70	76	77	88
5	>90	79	57	85	46	75	39	60	42	75	56	84
6	>90	93	89	81	88	69	76	63	72	65	87	75
7	>90	>94	84	>94	72	83	56	77	48	68	55	84
8	>90	>94	>94	>94	93	>94	84	83	73	67	77	73
9	>90	93	82	88	86	>94	77	90	63	82	55	72
10	>90	>94	>94	>94	>94	>94	>94	90	>94	79	90	72
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 320.1 MHz; 11.00 dBm.
LO IN: 300.1 MHz; +21.00 dBm
IF OUT: 20 MHz; 4.32 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.