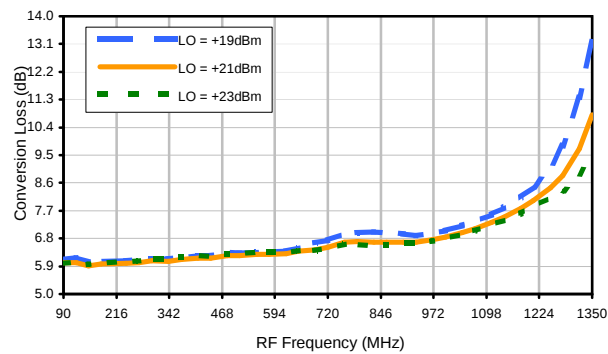
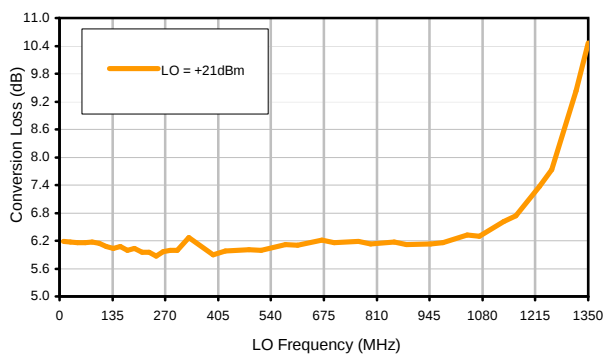


Typical Performance Curves

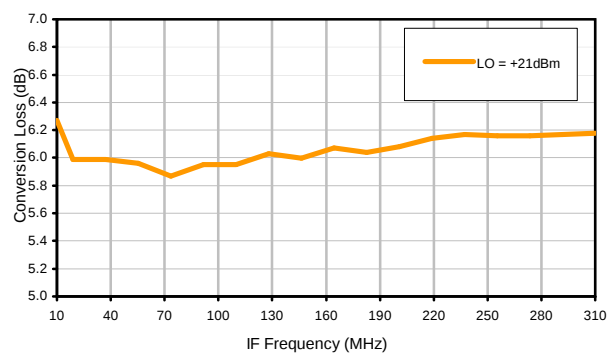
Conversion Loss @ IF=20MHz



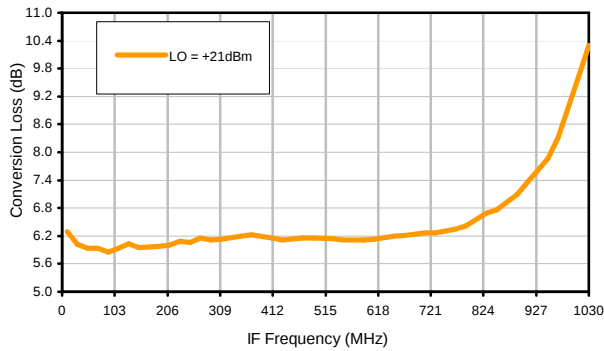
Conversion Loss vs. LO @ RF=320MHz



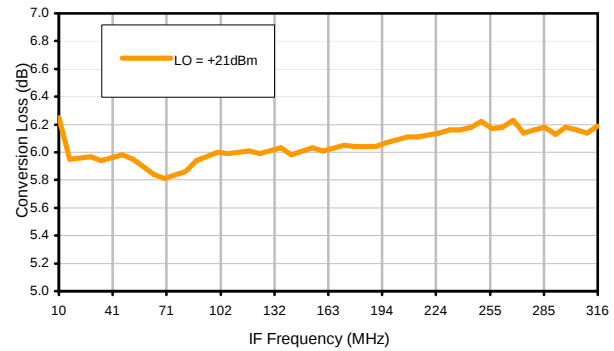
Conversion Loss vs. IF @ RF=320MHz



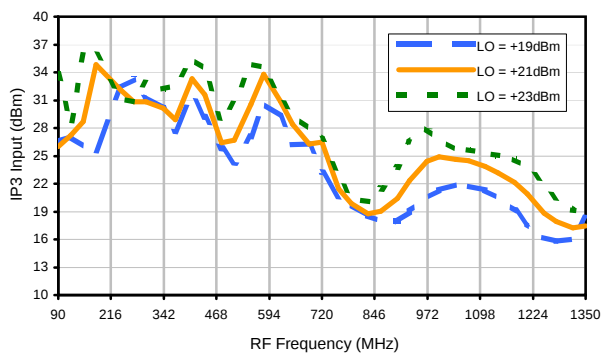
Conversion Loss vs. IF @ RF=315.1MHz



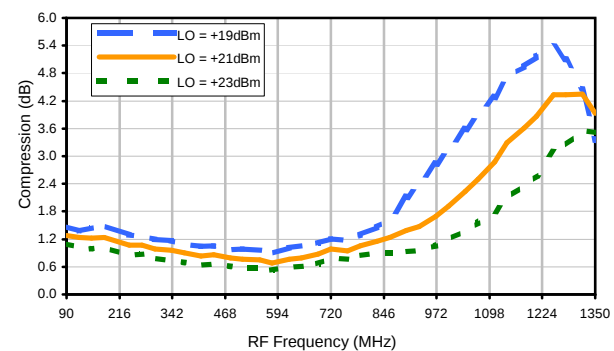
Conversion Loss vs. IF @ RF=326.1MHz



IP3 Input

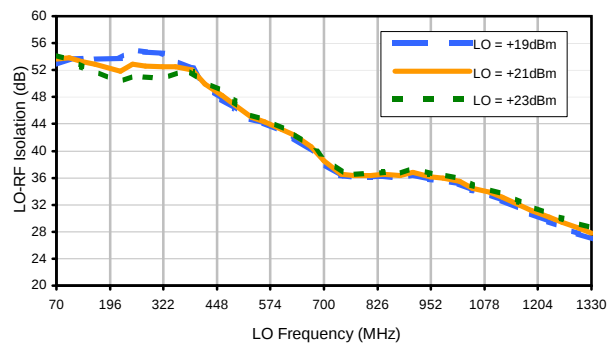


Compression @ RF IN=+16dBm

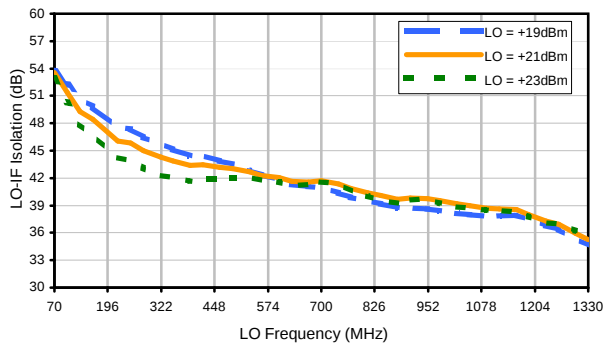


Typical Performance Curves

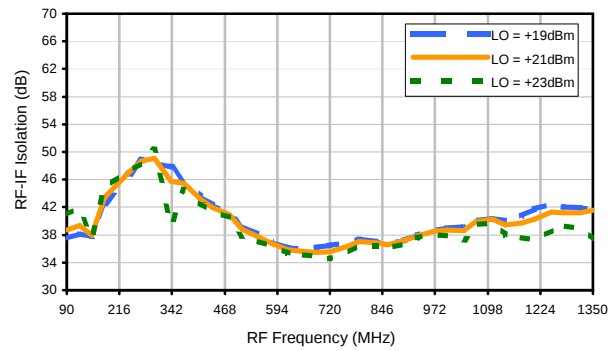
LO-RF Isolation



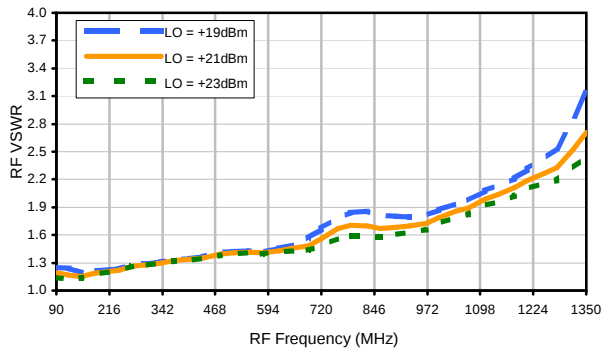
LO-IF Isolation



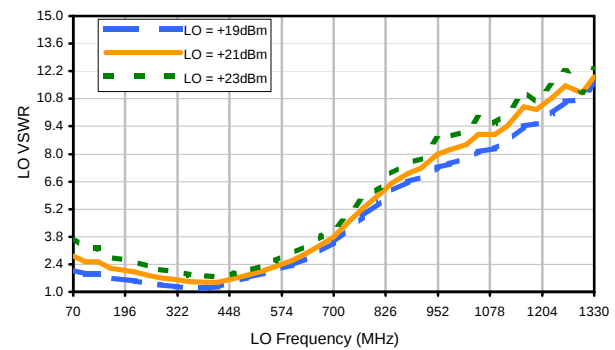
RF-IF Isolation



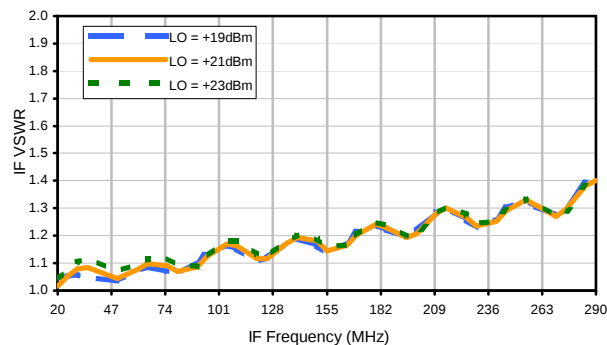
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	22	27	33	34	37	34	38	31	45	46
1	-	44	+0	37	10	44	15	55	23	57	35	51
2	63	60	69	67	68	77	72	74	76	67	69	63
3	>90	>85	69	>85	63	82	62	84	62	84	67	85
4	>90	>85	>85	>85	84	>85	80	>85	>85	>85	>85	>85
5	>90	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85
6	>90	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85
7	>90	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85
8	>90	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85
9	>90	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85
10	>90	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 320 MHz; 1.00 dBm.
LO IN: 300 MHz; +21.00 dBm
IF OUT: 20 MHz; -4.62 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	32	37	42	46	46	47	50	46	63	64
1	-	43	+0	38	11	45	17	55	25	61	36	57
2	43	51	57	55	59	64	59	62	65	58	61	55
3	63	73	49	69	45	64	41	62	39	68	44	73
4	>90	79	85	84	83	79	>95	77	87	80	80	74
5	>90	85	60	85	67	92	69	>95	66	89	67	89
6	>90	>95	76	83	77	86	77	88	77	87	78	87
7	>90	89	71	87	69	84	72	86	70	89	69	87
8	>90	88	70	87	67	82	66	87	68	90	70	85
9	>90	89	79	83	83	85	81	87	78	86	77	88
10	>90	74	64	78	66	87	69	88	67	89	66	>95
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 320 MHz; 11.00 dBm.
LO IN: 300 MHz; +21.00 dBm
IF OUT: 20 MHz; 5.34 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.