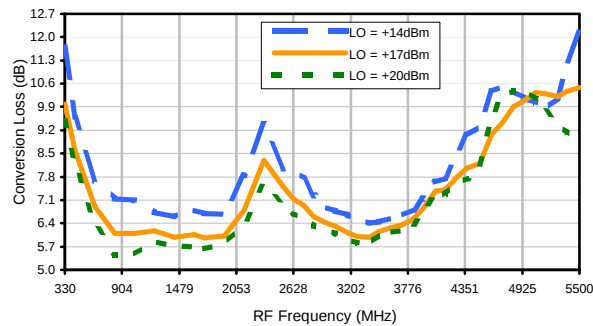
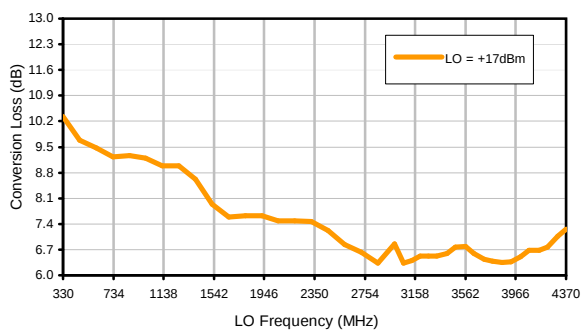


Typical Performance Curves

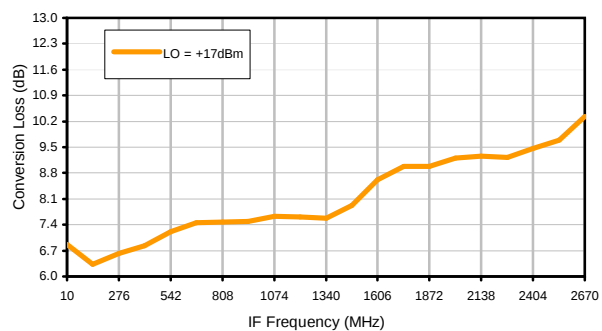
Conversion Loss @ IF=30MHz



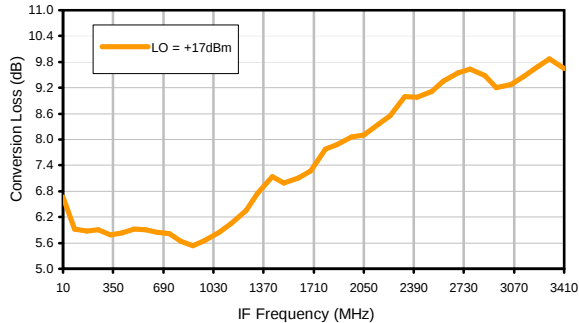
Conversion Loss vs. LO @ RF=3000MHz



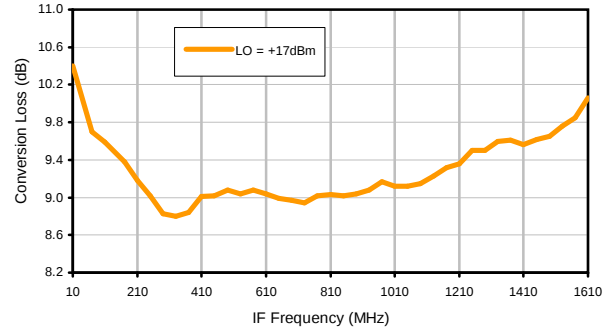
Conversion Loss vs. IF @ RF=3000MHz



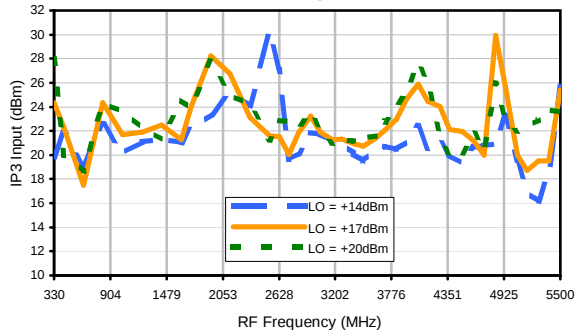
Conversion Loss vs. IF @ RF=989.9MHz



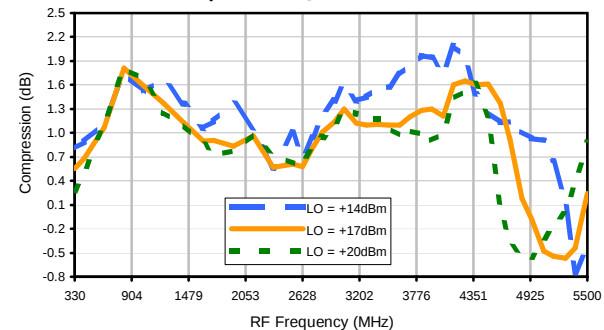
Conversion Loss vs. IF @ RF=5010.1MHz



IP3 Input

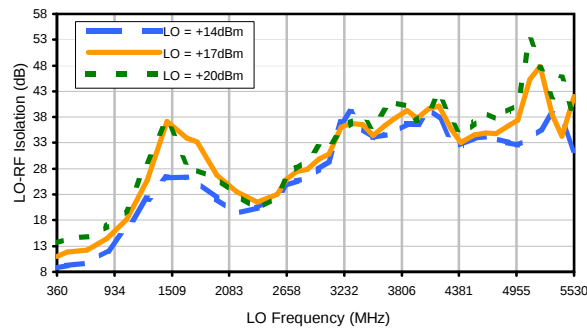


Compression @ RF IN=+14dBm

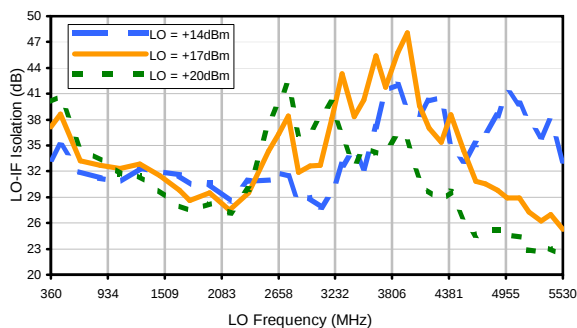


Typical Performance Curves

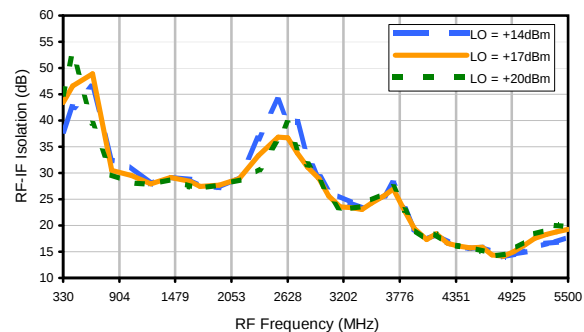
LO-RF Isolation



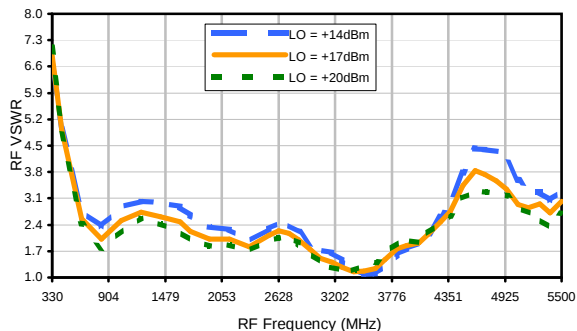
LO-IF Isolation



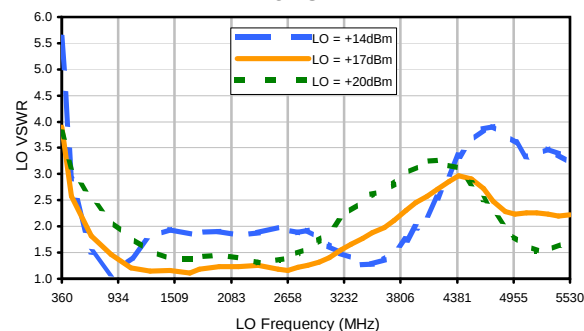
RF-IF Isolation



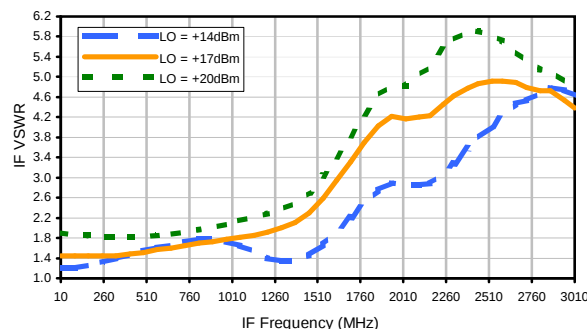
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(dBc)										
0	-	-	8	15	16	18	18	38	28	---	---	---
1	-	21	+0	34	22	33	41	47	52	48	---	---
2	56	56	58	45	53	58	49	67	54	69	57	---
3	>90	70	63	77	57	76	69	67	75	82	>83	78
4	>90	>83	>83	>83	>83	>83	>83	>83	82	>83	>83	>83
5	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
6	89	79	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
7	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
8	---	---	>83	82	>83	>83	>83	>83	>83	>83	>83	>83
9	---	---	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
10	---	---	---	>83	>83	>83	>83	>83	>83	>83	>83	>83
RF CAL		0	1	2	3	4	5	6	7	8	9	10

Test conditions: RF IN: 3000 MHz; -1.00 dBm.
LO IN: 3030 MHz; +17.00 dBm
IF OUT: 30 MHz; -7.38 dBm

RF HARMONICS ORDER

	(-dBm)	(dBc)										
0	-	-	18	25	33	28	31	49	43	---	---	---
1	-	21	+0	32	23	35	44	54	56	51	---	---
2	37	46	47	36	41	54	47	53	48	66	55	---
3	70	51	44	51	36	57	48	54	60	66	70	69
4	>90	74	56	62	65	56	56	62	60	64	63	76
5	>90	74	73	74	70	68	62	69	70	67	76	79
6	89	81	78	91	73	82	76	73	69	82	74	79
7	>90	>92	>92	>92	86	81	>92	79	80	76	87	80
8	---	---	88	>92	>92	92	91	>92	84	81	84	88
9	---	---	>92	>92	>92	>92	>92	>92	>92	91	87	89
10	---	---	---	>92	>92	91	>92	>92	89	>92	>92	92
RF CAL		0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 3000 MHz; 9.00 dBm.
LO IN: 3030 MHz; +17.00 dBm
IF OUT: 30 MHz; 2.38 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.