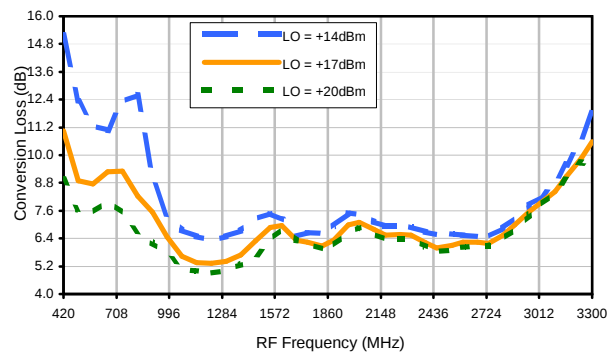
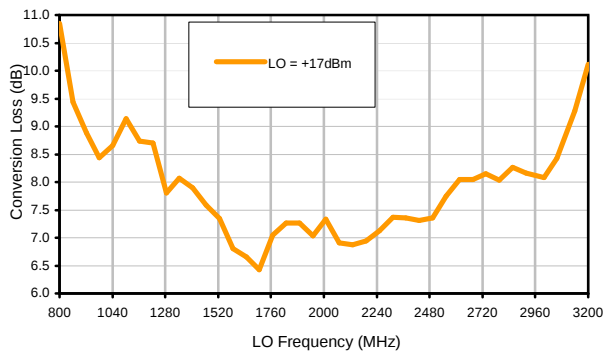


Typical Performance Curves

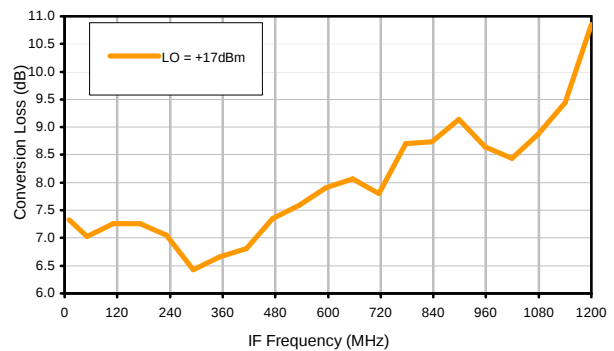
Conversion Loss @ IF=30MHz



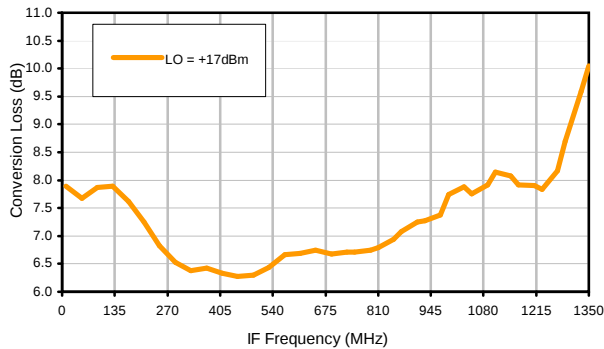
Conversion Loss vs. LO @ RF=2000MHz



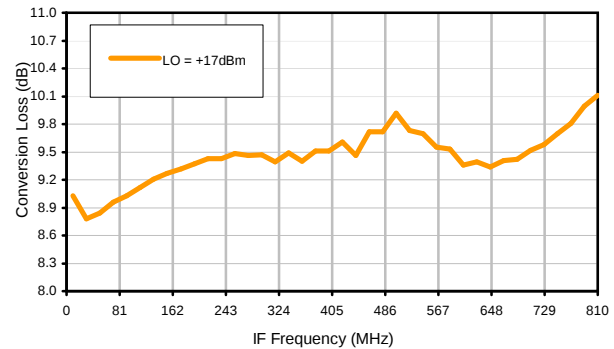
Conversion Loss vs. IF @ RF=2000MHz



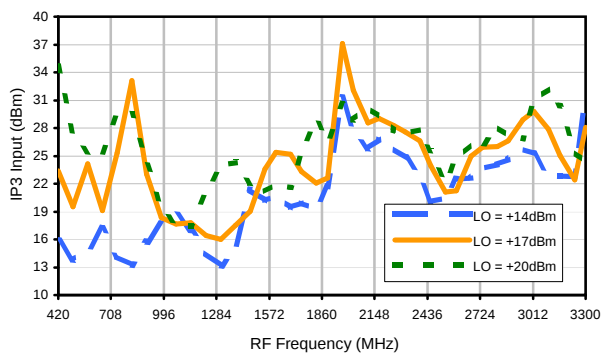
Conversion Loss vs. IF @ RF=889.9MHz



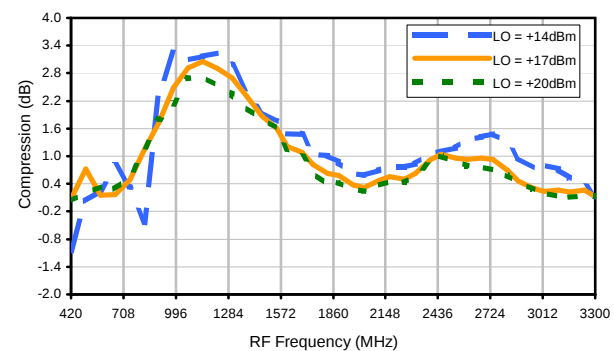
Conversion Loss vs. IF @ RF=3110.1001MHz



IP3 Input

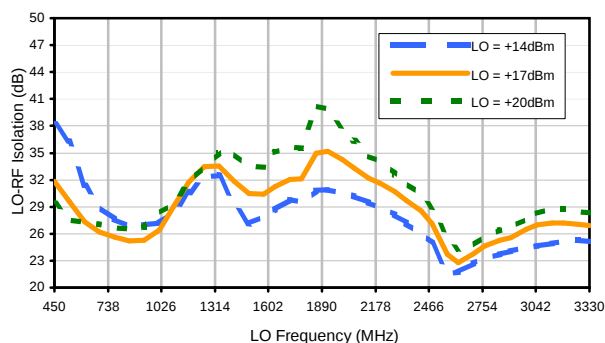


Compression @ RF IN=+14dBm

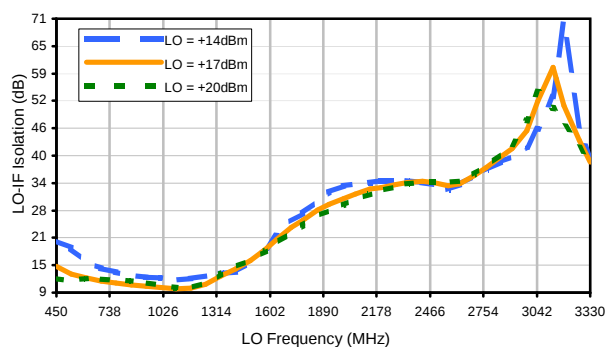


Typical Performance Curves

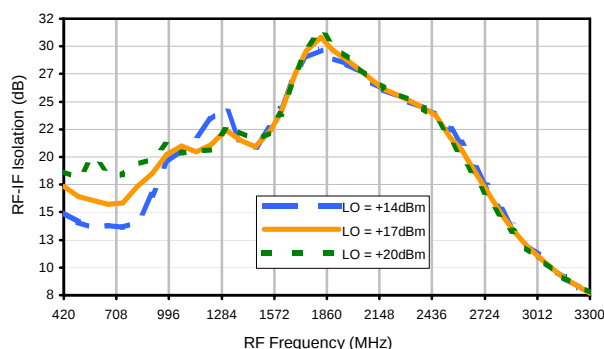
LO-RF Isolation



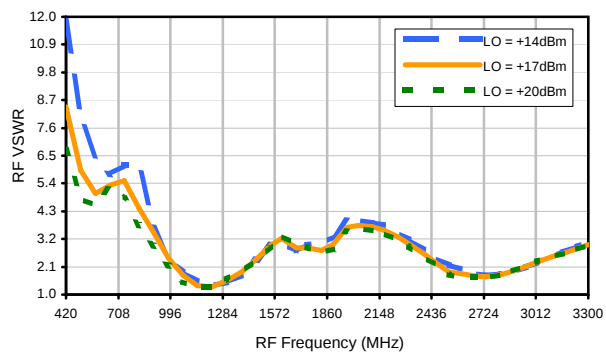
LO-IF Isolation



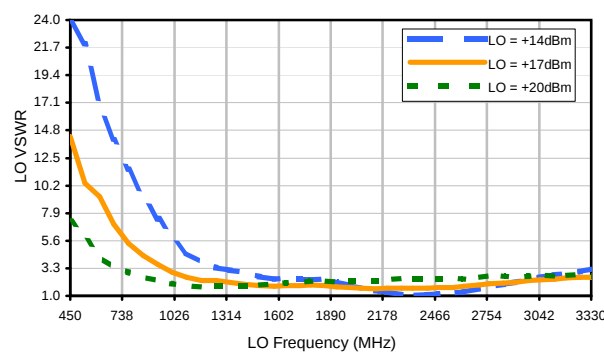
RF-IF Isolation



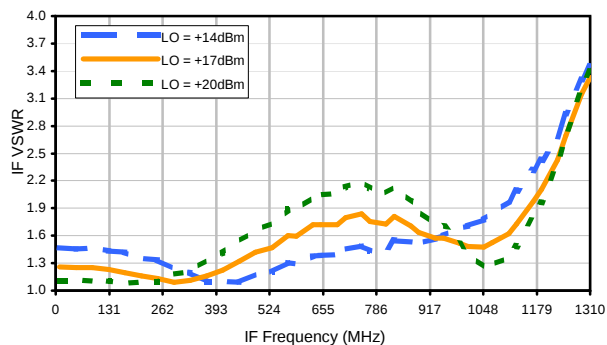
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	6	13	19	25	16	21	29	42	41	53
1	-	21	+0	40	32	36	32	42	39	47	47	70
2	61	61	63	54	63	70	63	63	53	53	61	70
3	>90	71	70	82	76	>82	72	73	70	76	75	80
4	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
5	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
6	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
7	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
8	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
9	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
10	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 2000 MHz; -1.00 dBm.
LO IN: 2030 MHz; +17.00 dBm
IF OUT: 30 MHz; -8.03 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	16	23	29	36	28	36	44	59	54	68
1	-	21	+0	41	31	40	33	42	42	46	53	76
2	41	54	53	43	54	60	57	55	46	48	54	66
3	70	51	50	64	48	64	57	55	53	71	57	73
4	>90	70	71	67	83	65	84	84	76	70	62	62
5	>90	74	91	73	73	80	64	85	72	72	67	74
6	>90	85	81	86	84	85	>92	91	>92	87	>92	86
7	>90	>92	90	86	>92	89	85	91	78	90	83	87
8	>90	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92
9	>90	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92
10	>90	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 2000 MHz; 9.00 dBm.
LO IN: 2030 MHz; +17.00 dBm
IF OUT: 30 MHz; 1.97 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.