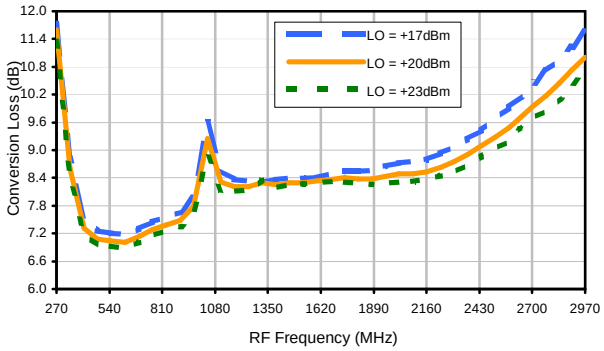
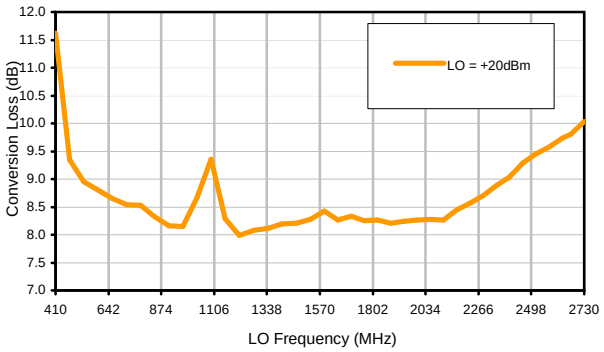
Typical Performance Curves

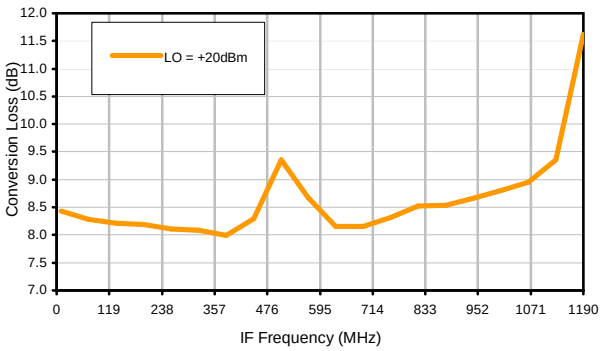
Conversion Loss @ IF=70MHz



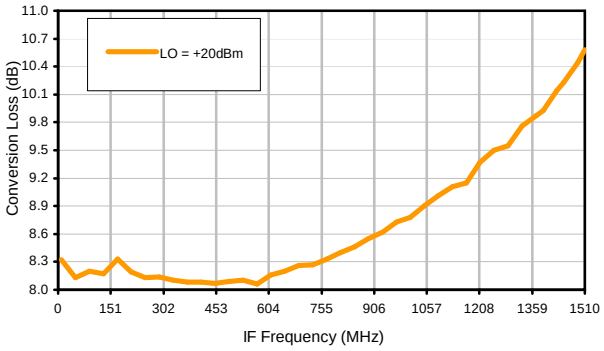
Conversion Loss vs. LO @ RF=1600.1MHz



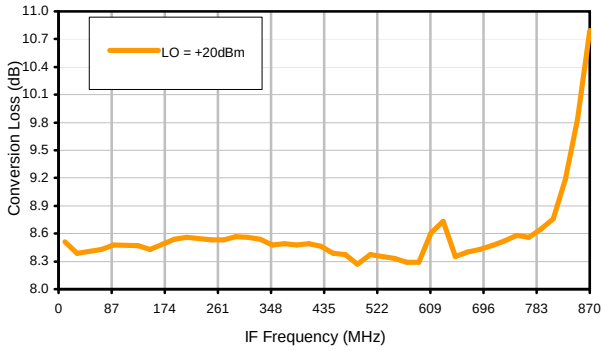
Conversion Loss vs. IF @ RF=1600.1MHz



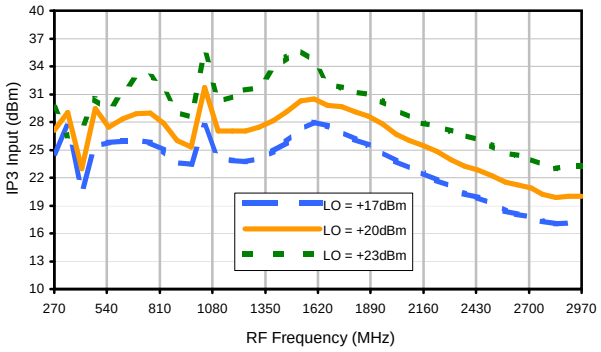
Conversion Loss vs. IF @ RF=1200.1MHz



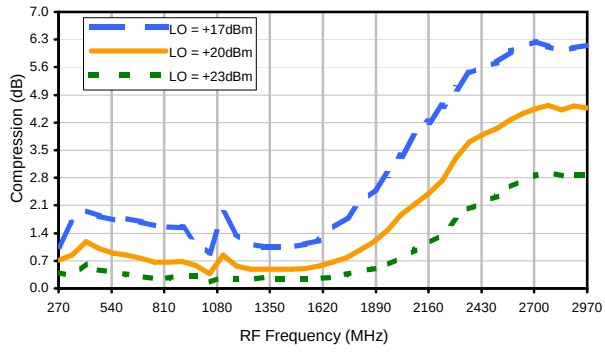
Conversion Loss vs. IF @ RF=2000.1MHz



IP3 Input

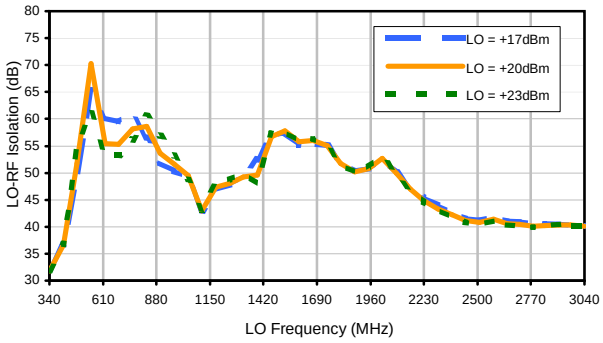


Compression @ RF IN=+20dBm

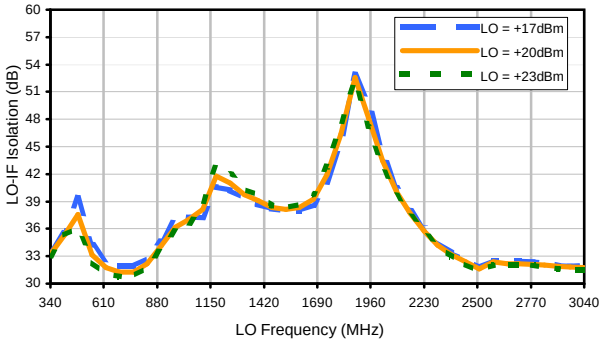


Typical Performance Curves

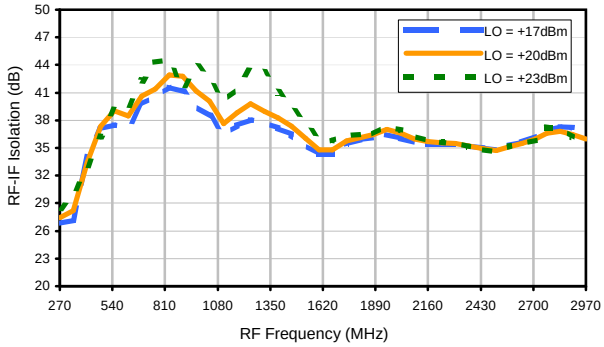
LO-RF Isolation



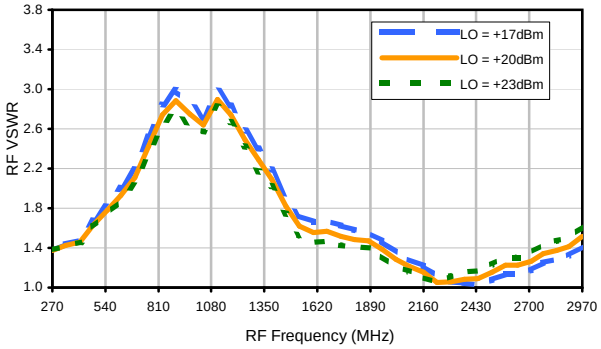
LO-IF Isolation



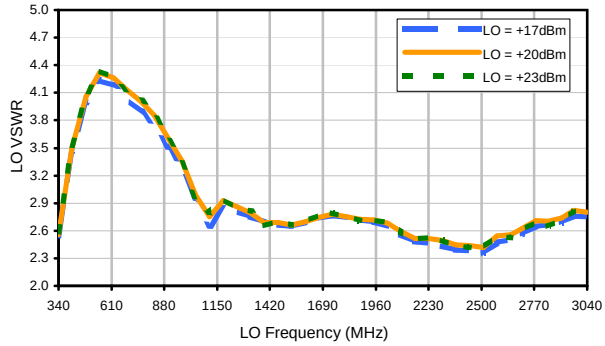
RF-IF Isolation



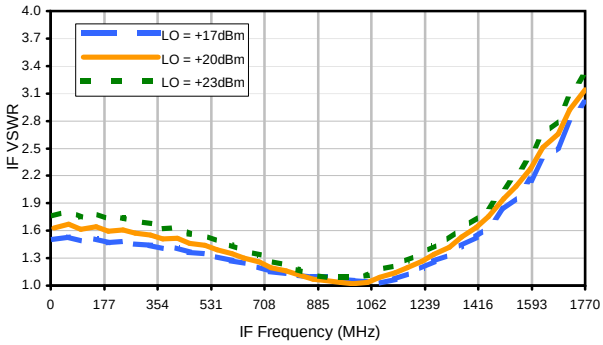
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER	(-dBm)	(-dBc)										
0	-	-	11	10	22	18	31	38	34	56	31	66
1	-	28	+0	32	26	42	40	53	57	51	50	66
2	66	56	59	79	66	61	67	58	66	63	75	>82
3	>90	>82	80	79	67	78	>82	>82	>82	>82	>82	>82
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: 1600 MHz; 0.00 dBm.
LO IN: 1670 MHz; +20.00 dBm
IF OUT: 70 MHz; -8.3 dBm

RF HARMONICS ORDER	(-dBm)	(-dBc)										
0	-	-	23	19	33	28	42	42	45	63	43	64
1	-	28	+0	32	26	42	41	54	57	52	51	71
2	46	45	50	65	56	50	58	48	58	52	64	74
3	89	79	62	63	46	61	60	72	69	77	86	74
4	>90	74	86	86	69	77	75	83	84	77	82	85
5	>90	83	>92	89	89	75	77	77	85	86	87	>92
6	>90	>92	>92	>92	>92	>92	82	88	89	90	>92	>92
7	>90	>92	>92	>92	>92	>92	>92	85	89	>92	>92	>92
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: 1600 MHz; 10.00 dBm.
LO IN: 1670 MHz; +20.00 dBm
IF OUT: 70 MHz; 1.58 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.