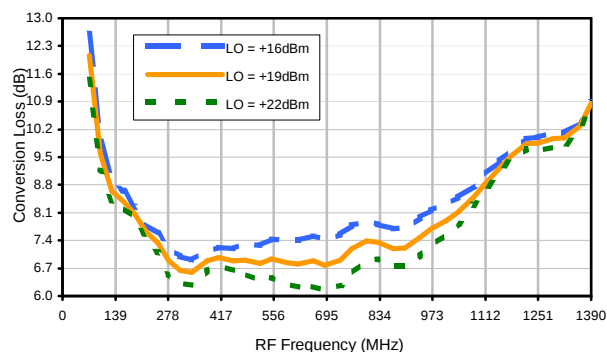
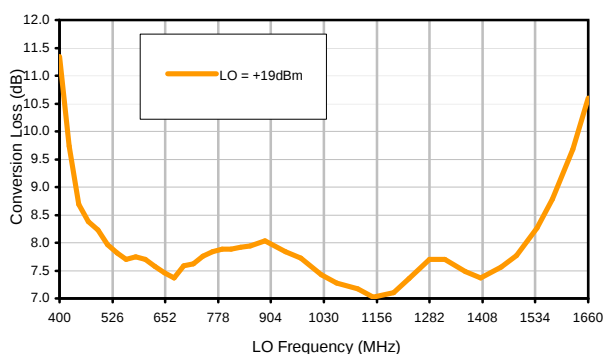


Typical Performance Curves

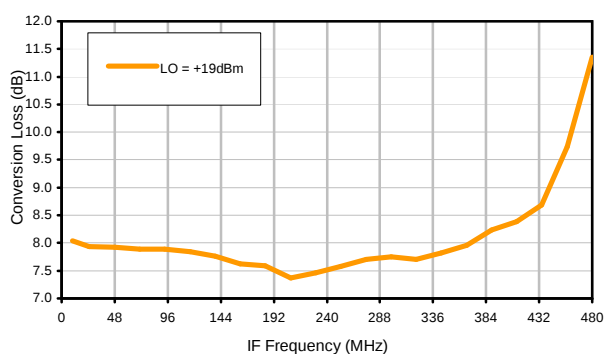
Conversion Loss @ IF=330MHz



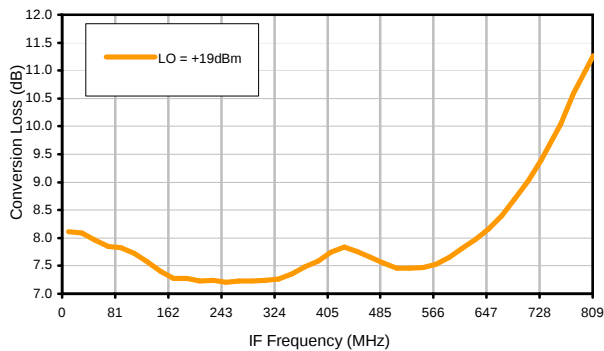
Conversion Loss vs. LO @ RF=880.1MHz



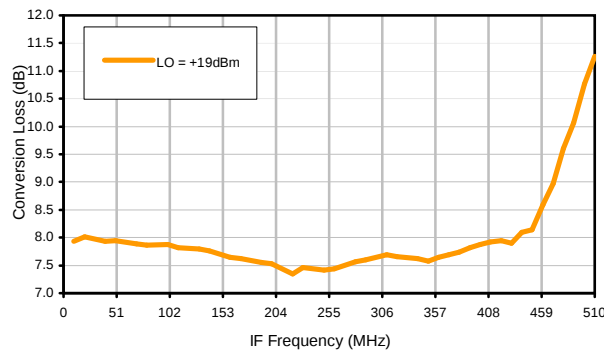
Conversion Loss vs. IF @ RF=880.1MHz



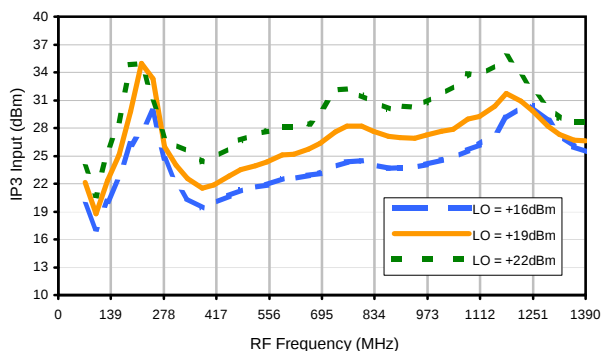
Conversion Loss vs. IF @ RF=850.1MHz



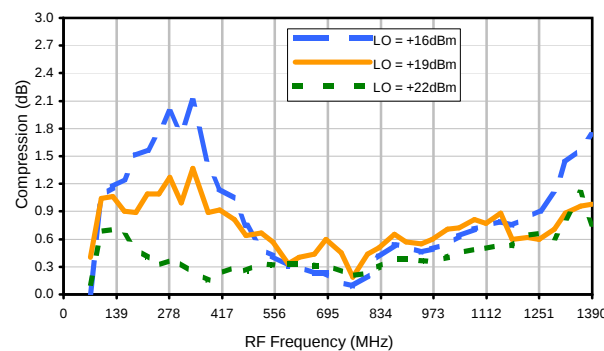
Conversion Loss vs. IF @ RF=910.1MHz



IP3 Input

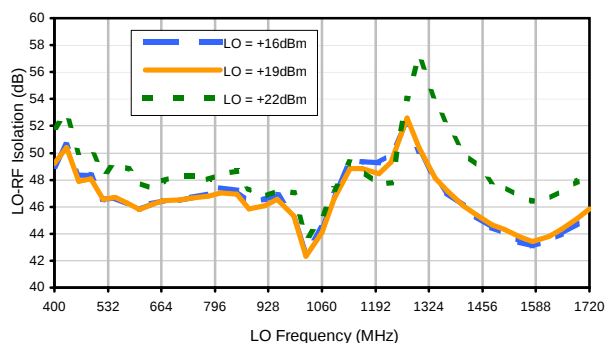


Compression @ RF IN=+20dBm

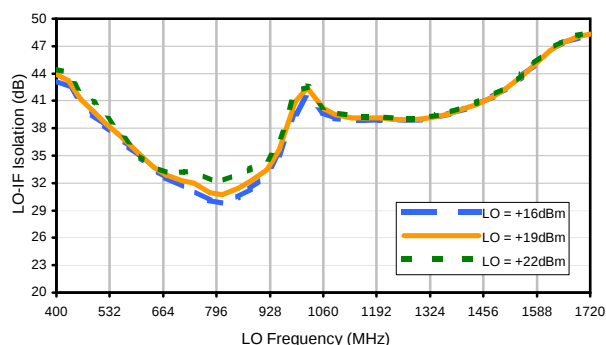


Typical Performance Curves

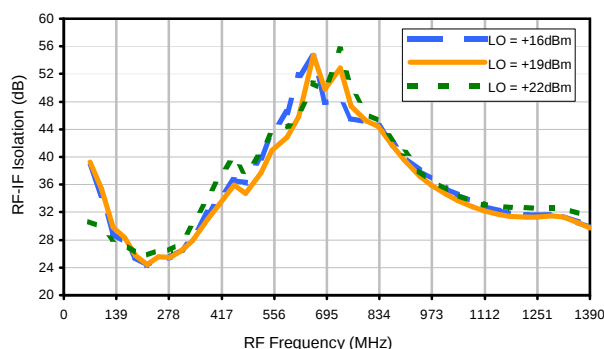
LO-RF Isolation



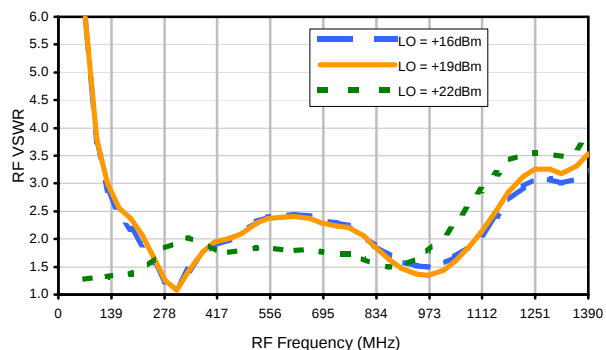
LO-IF Isolation



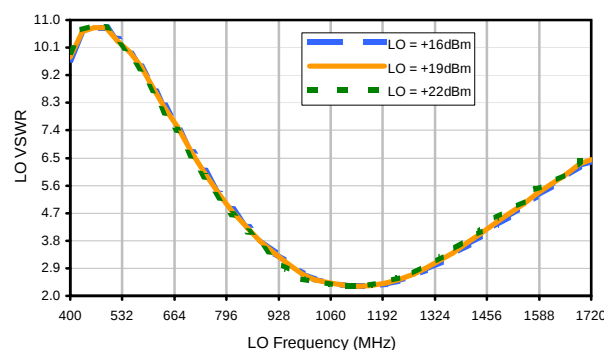
RF-IF Isolation



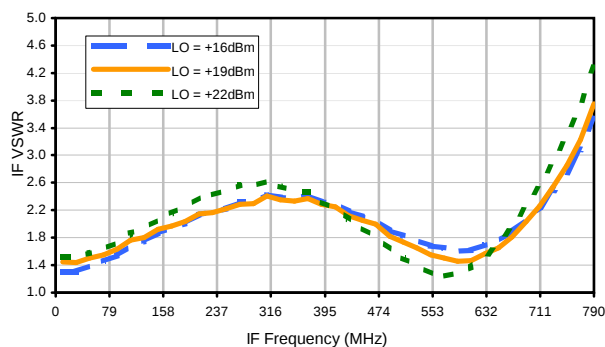
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	13	29	45	19	36	20	26	40	37	50
1	-	34	+0	43	24	52	46	50	45	54	41	62
2	71	83	59	69	76	71	77	58	66	66	77	59
3	>100	>93	83	79	77	92	>93	>93	>93	83	85	80
4	>100	90	92	>93	72	>93	92	89	>93	>93	>93	>93
5	>100	>93	>93	>93	93	92	>93	>93	>93	>93	>93	>93
6	>100	>93	>93	>93	>93	93	91	>93	>93	>93	>93	>93
7	>100	92	>93	90	>93	>93	71	>93	91	90	>93	92
8	>100	84	>93	>93	>93	92	77	78	83	92	83	81
9	>100	65	65	58	76	71	76	69	59	82	60	68
10	>100	54	45	50	46	52	24	43	+0	34	20	33
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 880 MHz; 0.00 dBm.
LO IN: 1210 MHz; +19.00 dBm
IF OUT: 330 MHz; -7.03 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	23	38	54	30	47	30	37	45	49	59
1	-	34	+0	43	24	52	47	53	47	58	42	62
2	52	72	50	55	66	65	73	53	60	59	71	55
3	85	77	62	61	53	72	64	75	73	67	66	74
4	>100	80	79	80	60	87	81	72	82	67	69	72
5	>100	96	98	102	77	80	101	93	102	80	96	82
6	>100	80	103	91	103	80	77	99	97	95	98	80
7	>100	67	82	72	82	88	61	81	79	80	93	67
8	>100	67	73	74	64	72	53	61	61	77	56	72
9	>100	59	60	53	72	65	67	55	50	72	50	55
10	>100	58	47	53	47	52	24	43	+0	34	20	32
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 880 MHz; 10.00 dBm.
LO IN: 1210 MHz; +19.00 dBm
IF OUT: 330 MHz; 2.89 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.