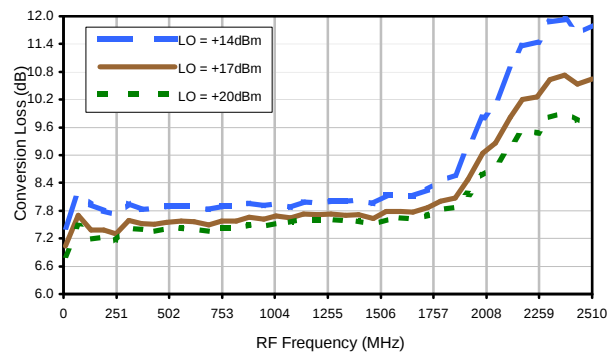
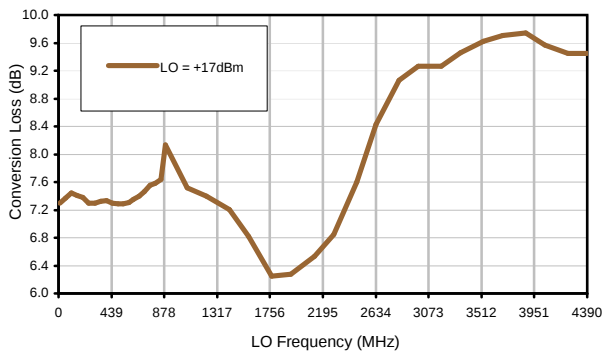


Typical Performance Curves

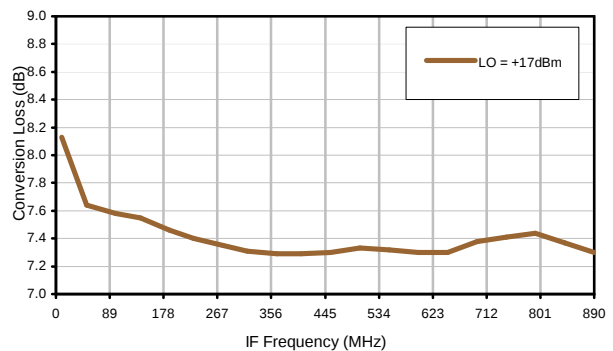
Conversion Loss @ IF=73MHz



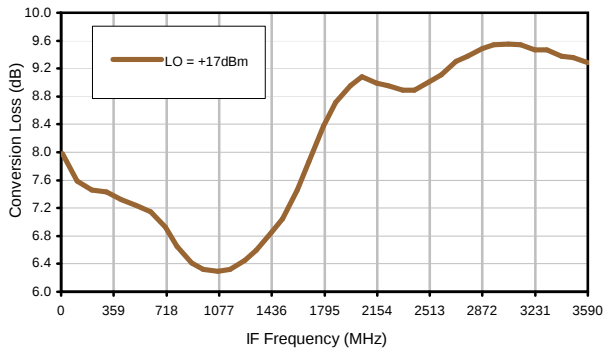
Conversion Loss vs. LO @ RF=900.1MHz



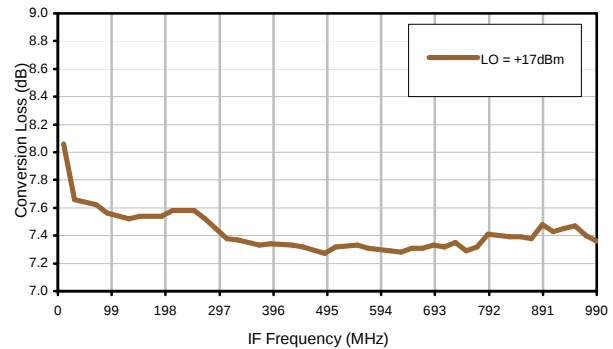
Conversion Loss vs. IF @ RF=900.1MHz



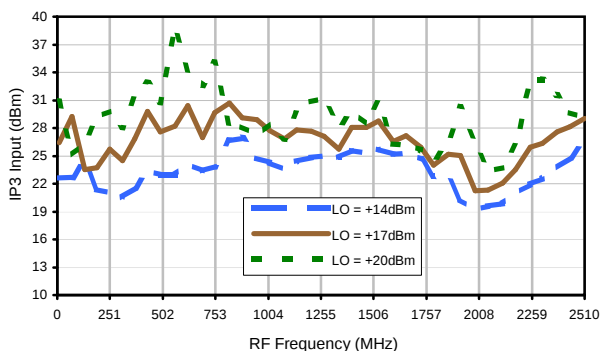
Conversion Loss vs. IF @ RF=800.1MHz



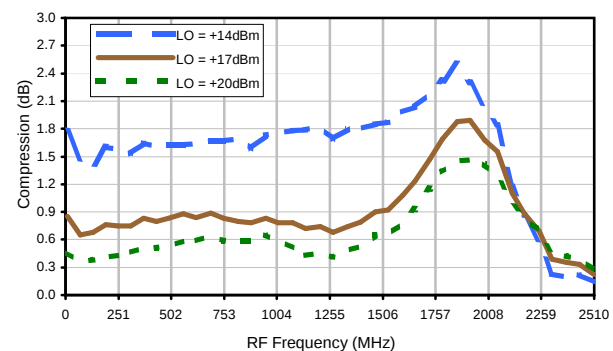
Conversion Loss vs. IF @ RF=1000.1MHz



IP3 Input

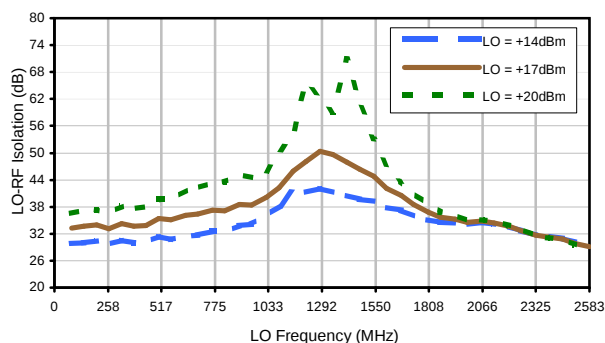


Compression @ RF IN=+15dBm

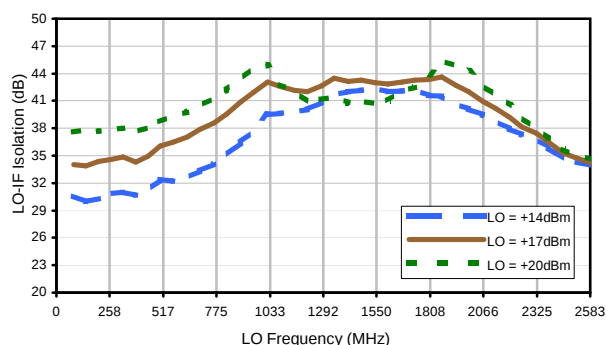


Typical Performance Curves

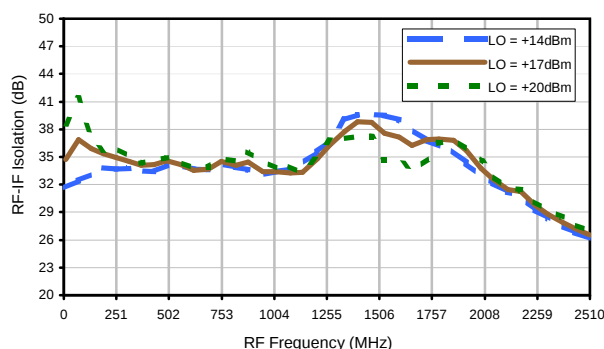
LO-RF Isolation



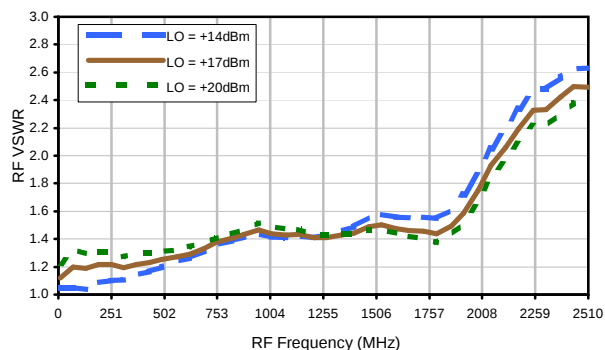
LO-IF Isolation



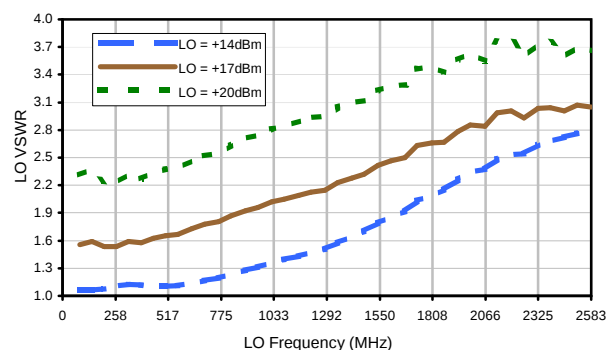
RF-IF Isolation



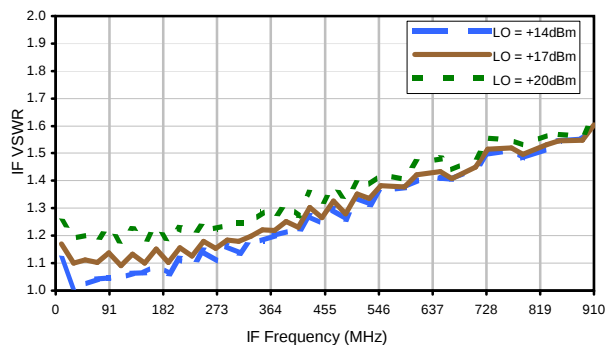
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	18	10	35	24	32	32	43	36	33	53
1	-	27	+0	38	11	30	28	31	33	37	55	47
2	62	59	56	53	51	59	54	72	54	63	65	69
3	>90	67	70	68	77	69	74	68	57	62	67	68
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: 900.1 MHz; 0.00 dBm.
LO IN: 973.1 MHz; +17.00 dBm
IF OUT: 73 MHz; -7.6 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	27	21	44	37	52	52	57	56	52	57
1	-	27	+0	39	12	34	29	39	41	48	59	67
2	42	45	45	42	41	46	53	47	48	50	67	56
3	65	58	43	55	40	51	38	44	47	45	54	51
4	>90	63	61	69	60	64	59	57	58	67	58	70
5	>90	63	60	63	63	61	62	60	62	62	56	57
6	>90	76	70	75	77	77	77	83	69	88	66	65
7	>90	87	74	73	65	77	68	84	69	82	66	69
8	>90	88	>92	83	80	88	83	>92	79	>92	78	83
9	>90	>92	92	>92	81	87	79	85	79	80	78	76
10	>90	>92	>92	>92	>92	>92	>92	>92	>92	>92	91	91
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 900.1 MHz; 10.00 dBm.
LO IN: 973.1 MHz; +17.00 dBm
IF OUT: 73 MHz; 2.29 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.