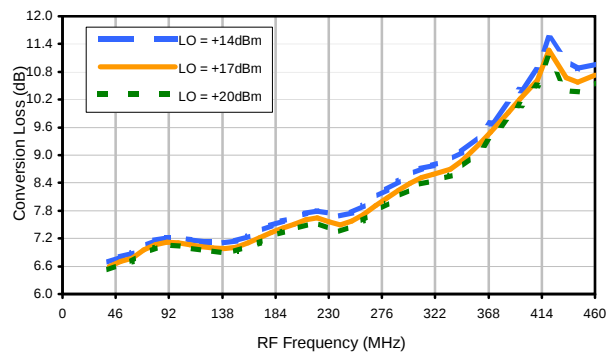
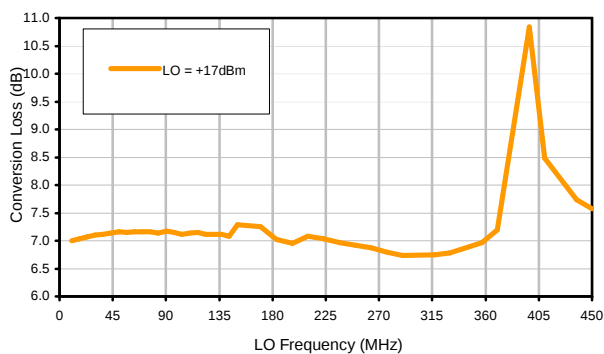


Typical Performance Curves

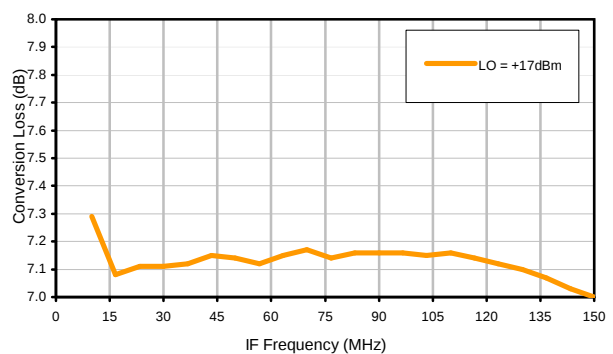
Conversion Loss @ IF=30MHz



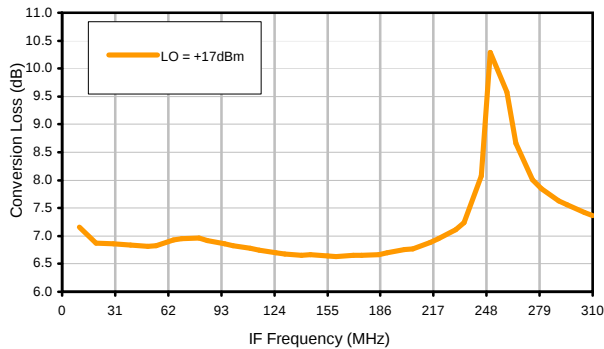
Conversion Loss vs. LO @ RF=160.1MHz



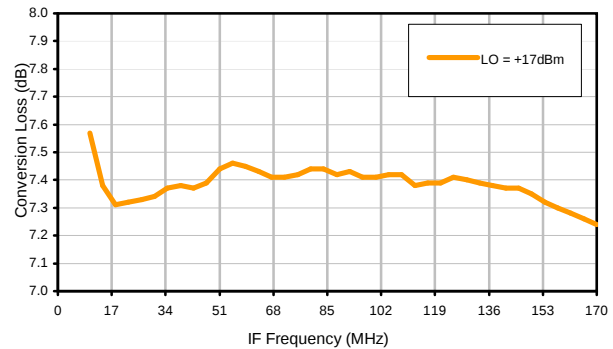
Conversion Loss vs. IF @ RF=160.1MHz



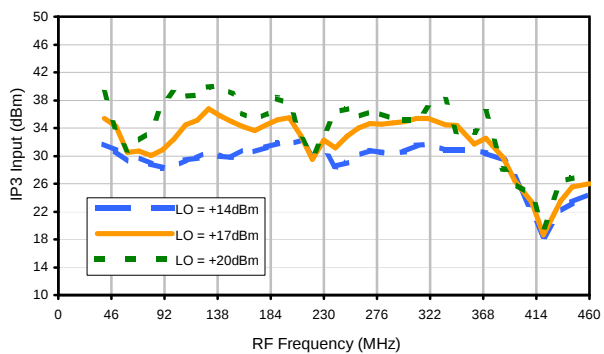
Conversion Loss vs. IF @ RF=140.1MHz



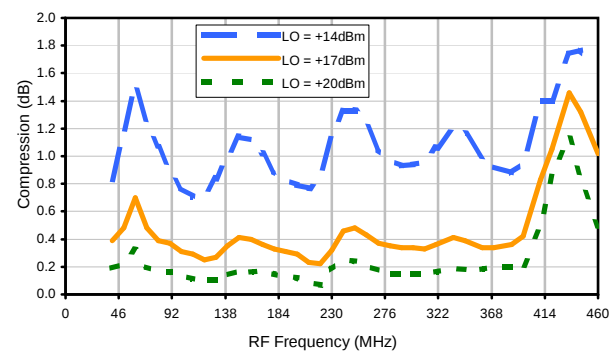
Conversion Loss vs. IF @ RF=180.1MHz



IP3 Input

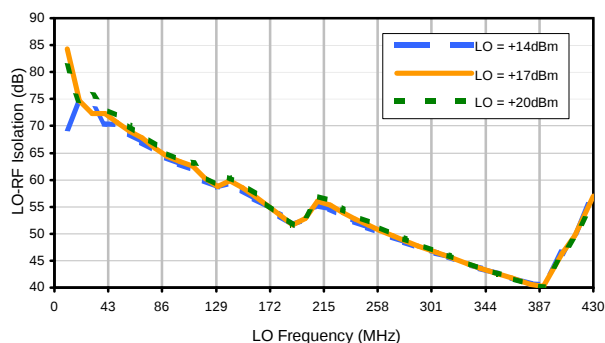


Compression @ RF IN=+20dBm

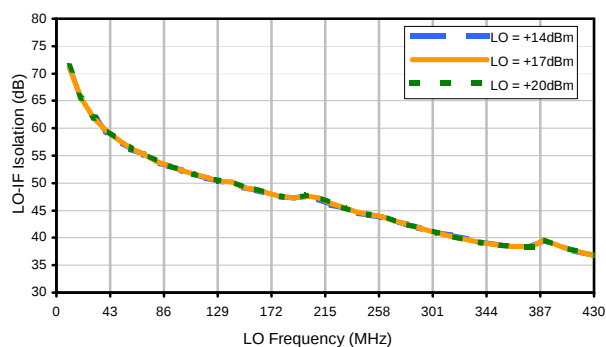


Typical Performance Curves

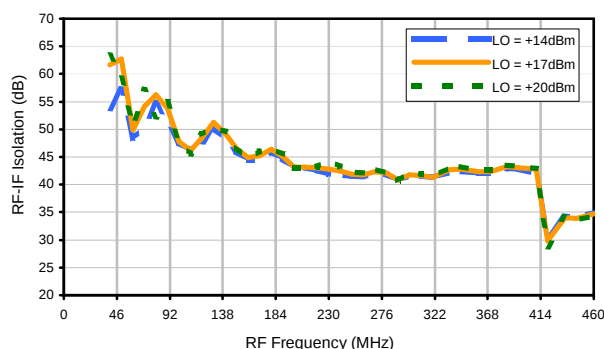
LO-RF Isolation



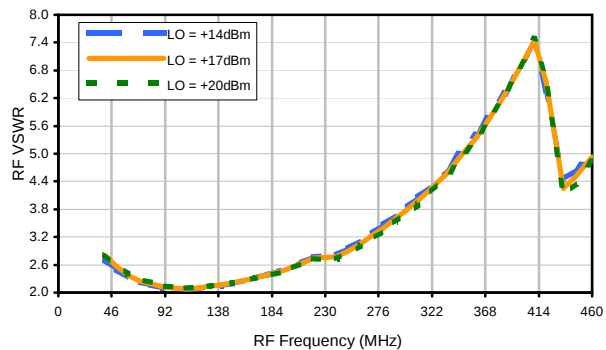
LO-IF Isolation



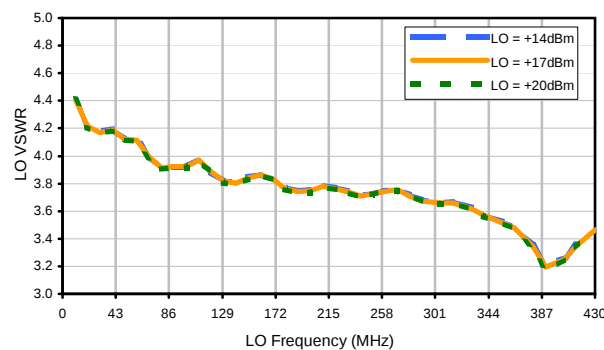
RF-IF Isolation



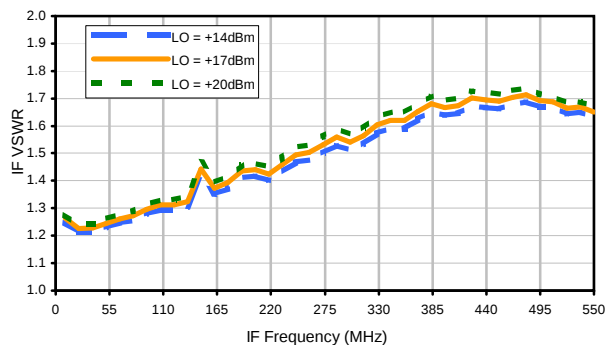
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(dBc)										
0	-	-	31	41	42	45	47	40	41	48	51	57
1	-	39	+0	44	10	42	18	46	21	51	21	49
2	56	45	57	54	64	52	70	51	60	56	61	>88
3	82	74	49	78	51	58	47	68	42	66	47	77
4	>90	69	73	64	75	66	86	66	80	63	76	66
5	>90	85	61	81	64	87	65	>88	76	>88	62	>88
6	>90	>88	70	>88	68	81	73	81	82	80	79	77
7	>90	78	73	81	74	79	75	78	80	78	80	77
8	>90	81	62	81	59	81	57	>88	62	>88	76	>88
9	>90	73	79	68	81	73	79	66	76	63	82	66
10	>90	62	44	61	43	63	47	77	47	66	42	68
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 160 MHz; 5.00 dBm.
LO IN: 130 MHz; +17.00 dBm
IF OUT: 30 MHz; -2.2 dBm

RF HARMONICS ORDER

	(-dBm)	(dBc)										
0	-	-	38	44	47	45	51	45	51	48	66	51
1	-	40	+0	49	12	48	20	50	24	54	32	60
2	36	40	53	57	62	54	57	57	56	59	64	61
3	51	59	35	62	40	50	31	55	32	56	40	68
4	78	60	63	55	66	61	63	63	62	61	63	65
5	>90	77	55	71	49	68	47	68	50	63	44	64
6	>90	72	62	69	52	64	54	65	60	72	57	68
7	>90	77	60	74	60	69	61	68	57	72	60	65
8	>90	74	46	70	48	71	50	64	44	63	50	68
9	>90	74	71	72	65	69	62	65	63	61	63	63
10	>90	73	57	80	43	64	37	68	40	56	32	55
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 160 MHz; 15.00 dBm.
LO IN: 130 MHz; +17.00 dBm
IF OUT: 30 MHz; 7.68 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.