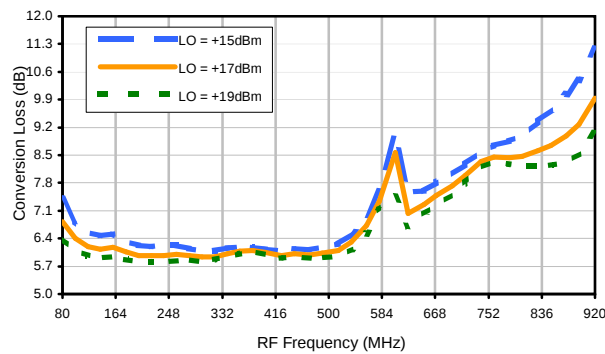
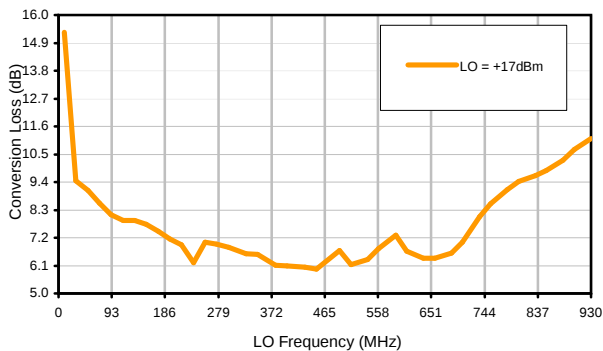


Typical Performance Curves

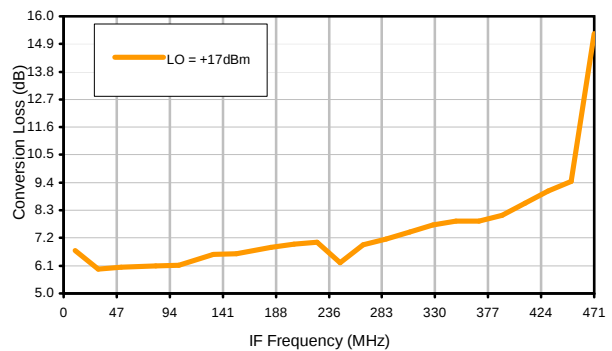
Conversion Loss @ IF=21.4MHz



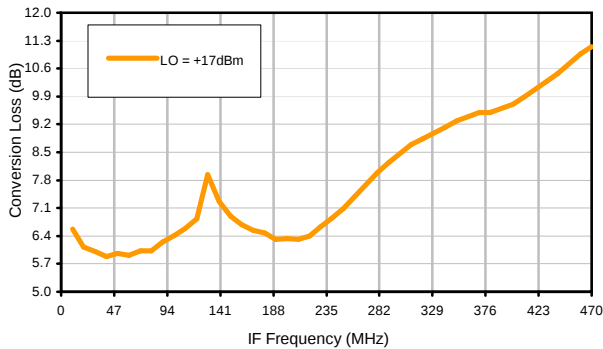
Conversion Loss vs. LO @ RF=481.1MHz



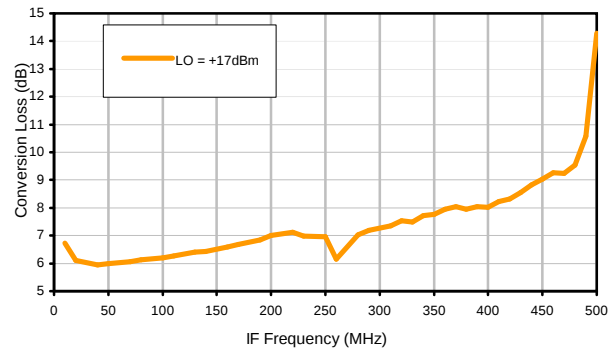
Conversion Loss vs. IF @ RF=481.1MHz



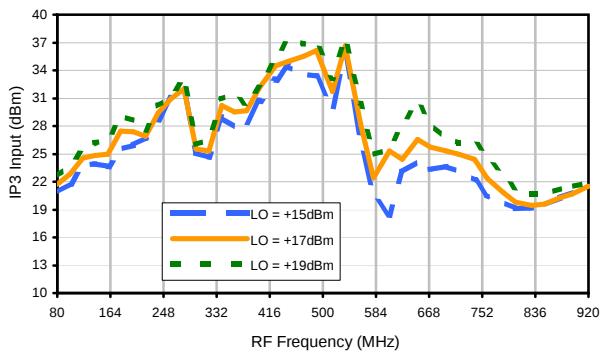
Conversion Loss vs. IF @ RF=450MHz



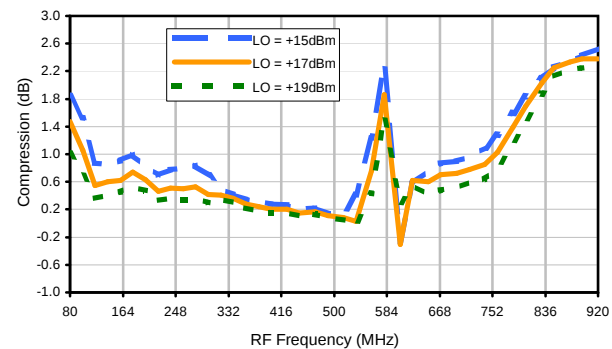
Conversion Loss vs. IF @ RF=512.1MHz



IP3 Input

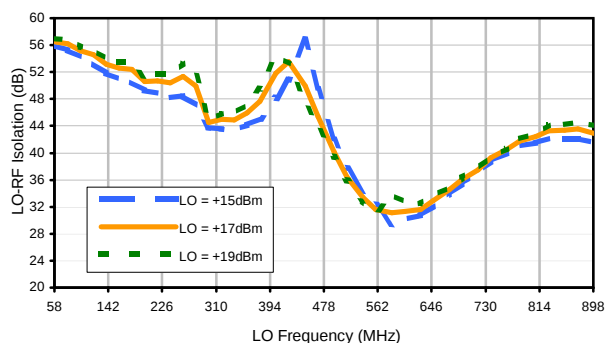


Compression @ RF IN=+18dBm

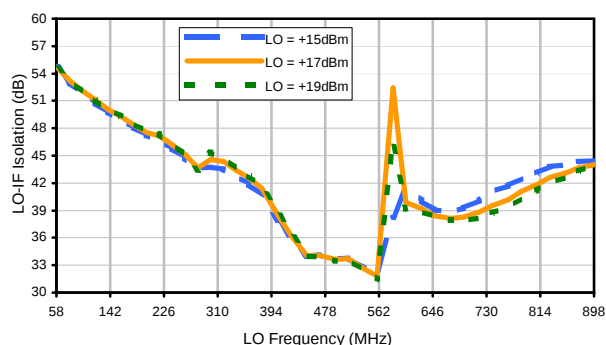


Typical Performance Curves

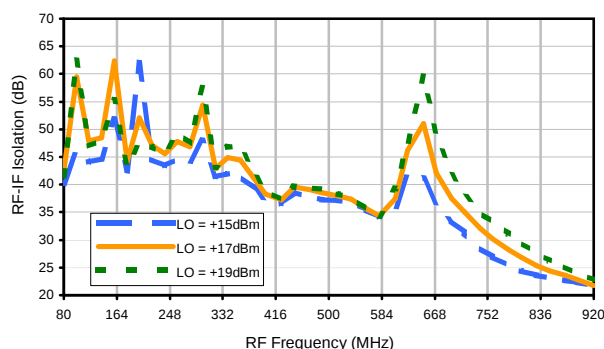
LO-RF Isolation



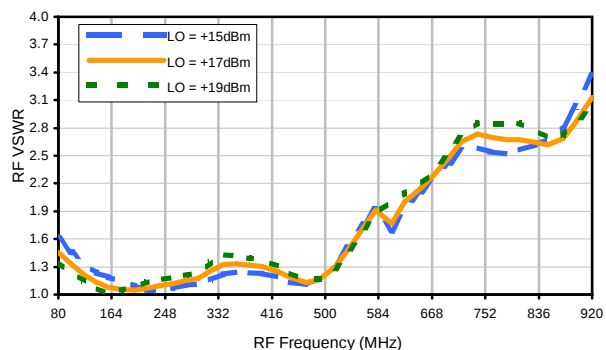
LO-IF Isolation



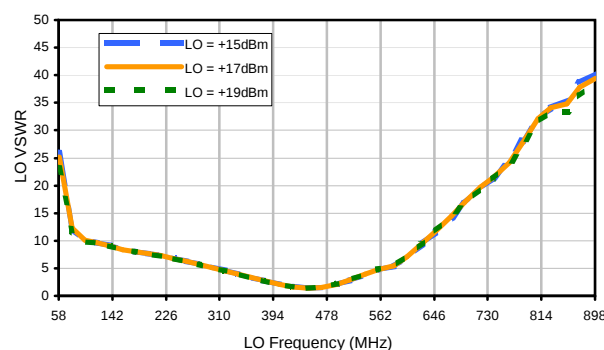
RF-IF Isolation



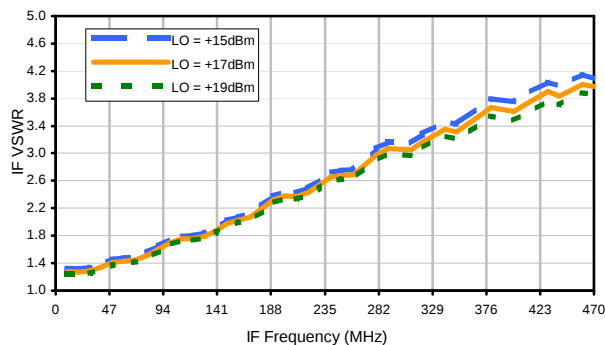
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	14	17	34	42	41	43	39	51	45	48
1	-	30	+0	39	11	54	37	53	35	49	44	48
2	64	52	62	48	69	50	62	65	68	64	66	64
3	>90	72	67	71	64	68	64	74	65	84	65	78
4	>90	>87	>87	>87	>87	84	>87	80	>87	>87	>87	>87
5	>90	>87	>87	>87	>87	>87	>87	>87	>87	>87	>87	>87
6	>90	>87	>87	>87	>87	>87	>87	>87	>87	>87	>87	>87
7	>90	>87	>87	>87	>87	>87	>87	>87	>87	>87	>87	>87
8	>90	>87	>87	>87	>87	>87	>87	>87	>87	>87	>87	>87
9	>90	>87	>87	>87	>87	>87	>87	>87	>87	>87	>87	>87
10	>90	>87	>87	>87	>87	>87	>87	>87	>87	>87	>87	>87
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions:

RF IN: 481 MHz; 3.00 dBm.
LO IN: 459.6 MHz; +17.00 dBm
IF OUT: 21.4 MHz; -3.07 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	25	27	45	55	52	56	50	59	60	56
1	-	30	+0	39	12	53	37	58	39	53	44	53
2	44	41	58	38	55	42	56	60	67	58	65	61
3	69	63	46	62	45	62	44	73	53	72	50	66
4	>90	77	76	70	83	60	73	58	69	69	78	70
5	>90	85	76	74	71	70	72	68	80	74	65	86
6	>90	89	>97	89	89	92	82	77	76	72	75	80
7	>90	>97	>97	95	87	88	75	84	72	80	72	83
8	>90	>97	>97	>97	>97	>97	>97	85	87	86	84	82
9	>90	>97	>97	>97	>97	>97	>97	>97	83	94	80	>97
10	>90	>97	>97	>97	>97	>97	>97	>97	>97	89	94	86
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions:

RF IN: 481 MHz; 13.00 dBm.
LO IN: 459.6 MHz; +17.00 dBm
IF OUT: 21.4 MHz; 6.84 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.