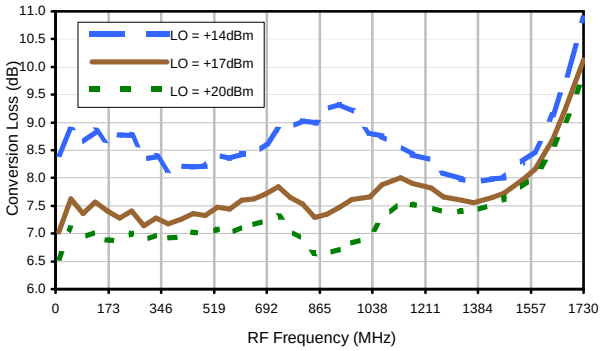
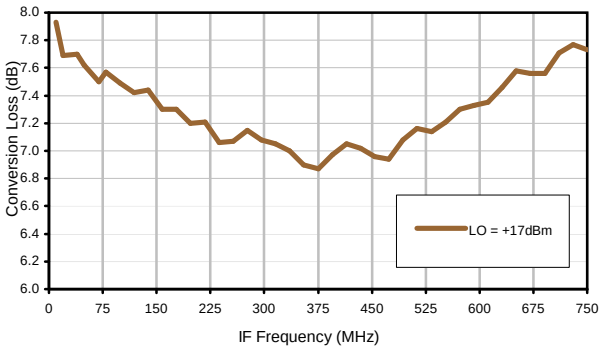
Typical Performance Curves

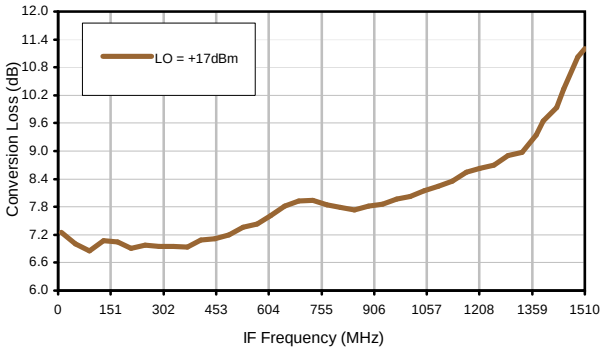
Conversion Loss @ IF=30MHz



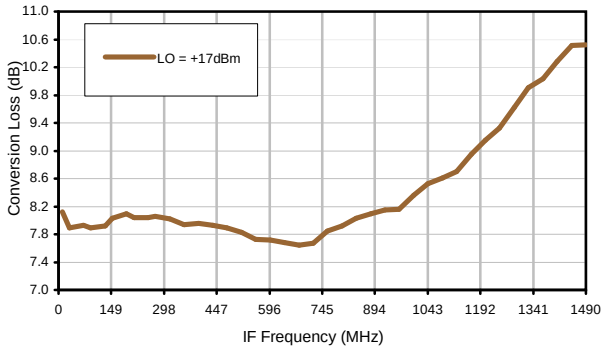
Conversion Loss vs. IF @ RF=760.1MHz



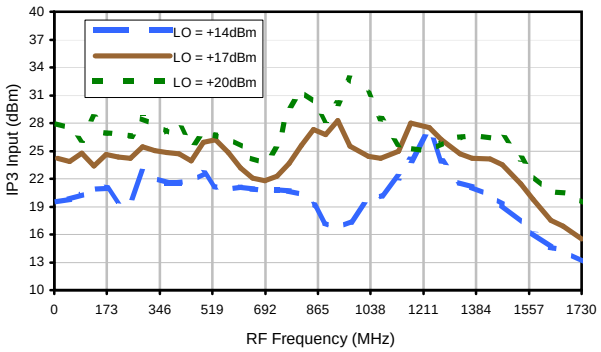
Conversion Loss vs. IF @ RF=10.1MHz



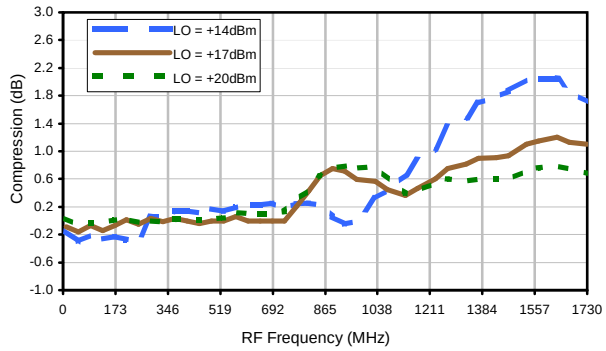
Conversion Loss vs. IF @ RF=1500.1MHz



IP3 Input

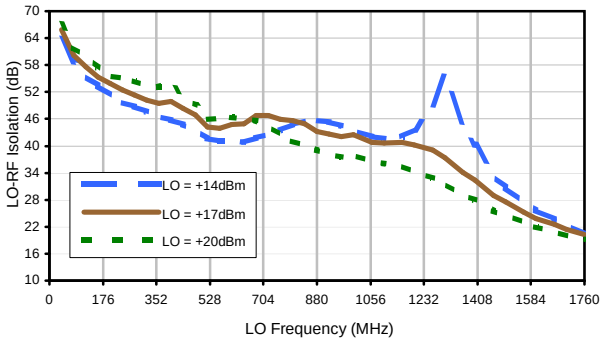


Compression @ RF IN=+13dBm

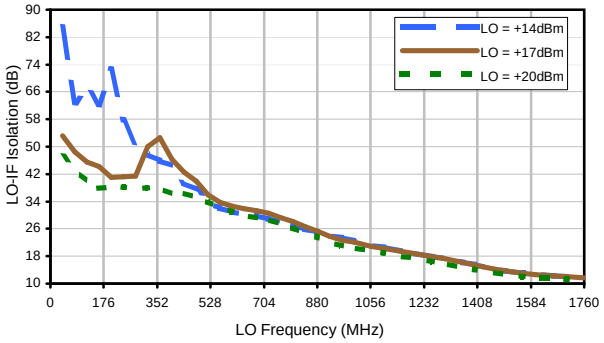


Typical Performance Curves

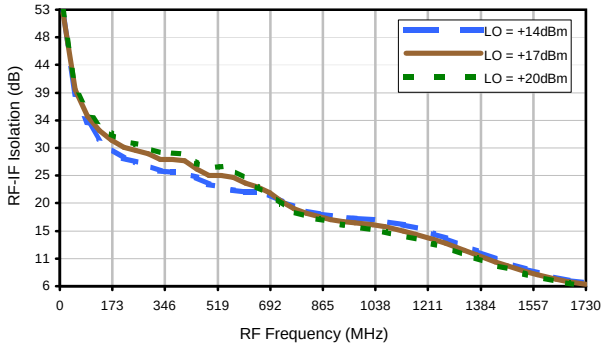
LO-RF Isolation



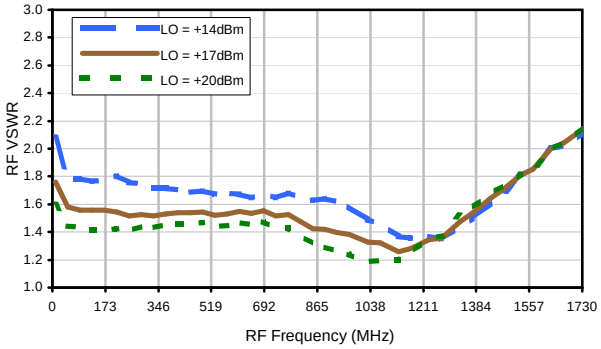
LO-IF Isolation



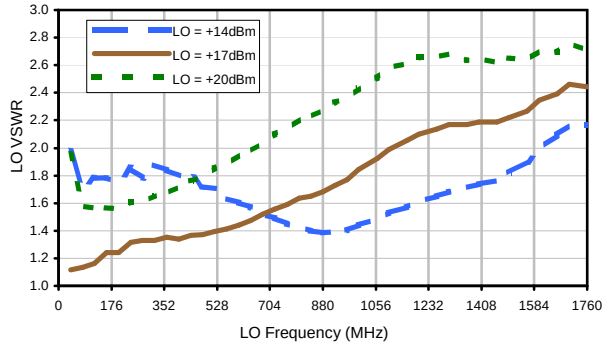
RF-IF Isolation



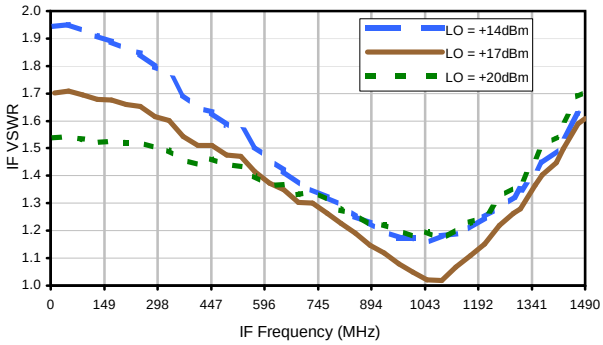
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER	(-dBm)	(-dBc)										
0	-	-	2	26	5	33	18	43	29	39	27	44
1	-	13	+0	22	15	34	43	43	35	50	37	68
2	66	46	41	48	43	54	49	53	53	55	58	69
3	>90	74	62	61	57	59	59	66	66	75	71	79
4	>90	>80	>80	>80	>80	75	75	79	>80	>80	>80	>80
5	>90	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
6	>90	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
7	>90	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
8	>90	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
9	>90	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
10	>90	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: **RF IN: 750.1 MHz; -2.00 dBm.**
LO IN: 780.1 MHz; +17.00 dBm
IF OUT: 30 MHz; -9.52 dBm

RF HARMONICS ORDER	(-dBm)	(-dBc)										
0	-	-	12	36	17	44	31	45	39	52	38	56
1	-	12	+0	23	16	36	60	48	39	65	43	61
2	47	37	31	45	30	50	39	50	46	51	64	64
3	71	53	43	42	39	43	42	51	51	66	55	65
4	>90	69	68	55	55	50	48	55	63	62	63	89
5	>90	78	68	76	70	68	61	61	61	70	69	72
6	>90	88	>91	>91	87	69	73	68	77	70	73	75
7	>90	>91	89	>91	89	>91	83	77	81	69	>91	80
8	>90	>91	>91	>91	>91	>91	>91	85	79	78	79	78
9	>90	>91	>91	>91	>91	>91	>91	>91	89	85	>91	82
10	>90	>91	>91	>91	>91	>91	>91	>91	>91	>91	>91	88
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: **RF IN: 750.1 MHz; 8.00 dBm.**
LO IN: 780.1 MHz; +17.00 dBm
IF OUT: 30 MHz; 0.57 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.