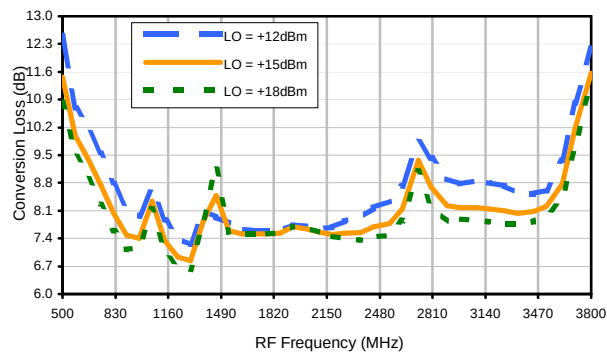
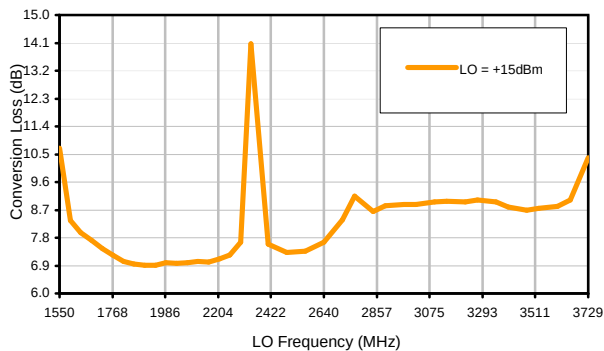


Typical Performance Curves

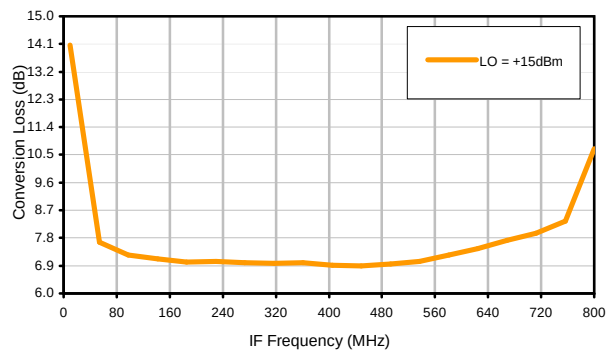
Conversion Loss @ IF=60MHz



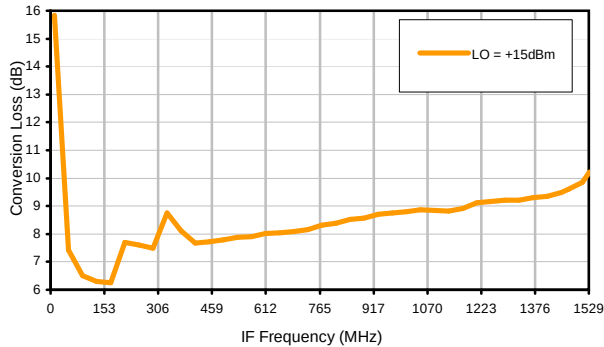
Conversion Loss vs. LO @ RF=2350MHz



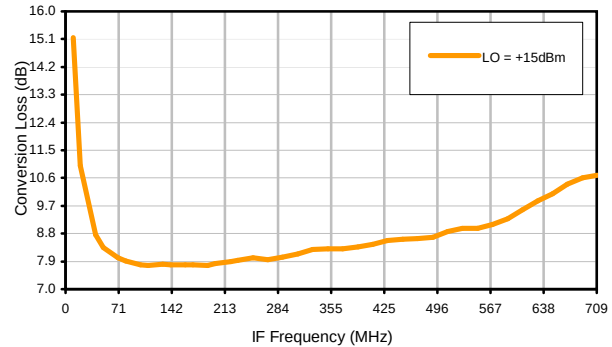
Conversion Loss vs. IF @ RF=2350MHz



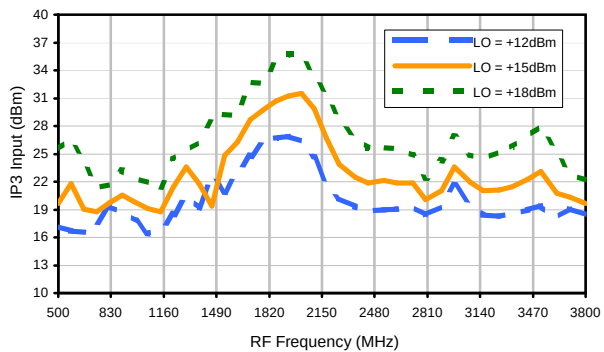
Conversion Loss vs. IF @ RF=1200MHz



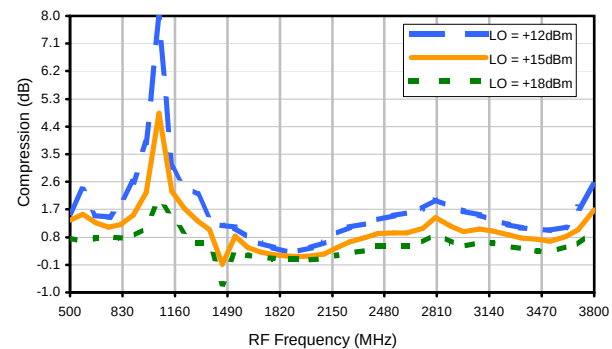
Conversion Loss vs. IF @ RF=3500MHz



IP3 Input

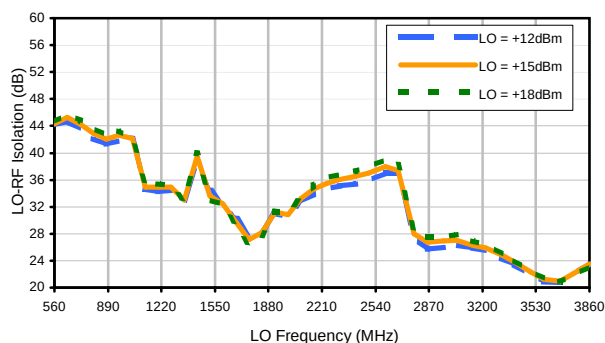


Compression @ RF IN=+14dBm

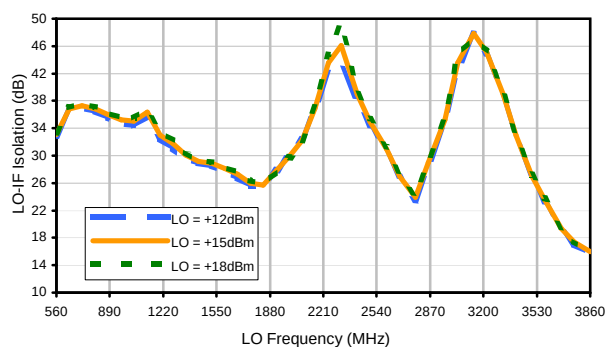


Typical Performance Curves

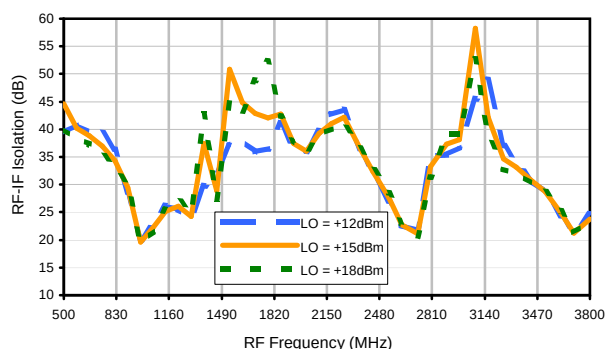
LO-RF Isolation



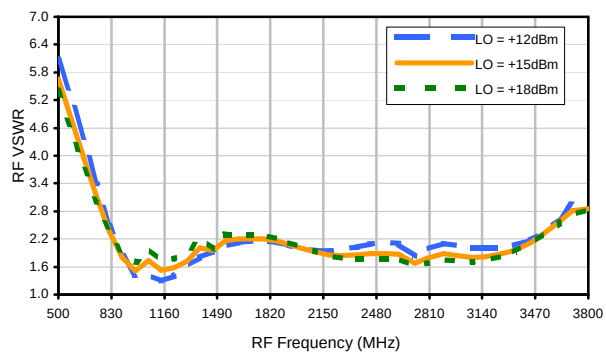
LO-IF Isolation



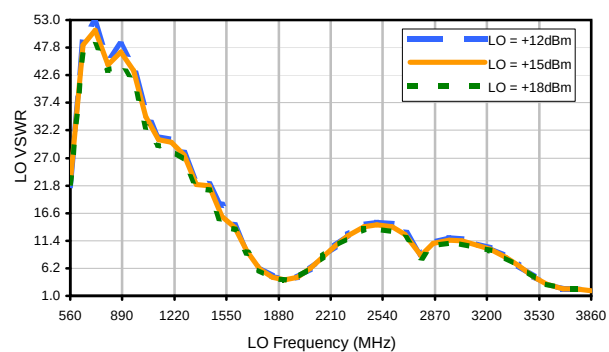
RF-IF Isolation



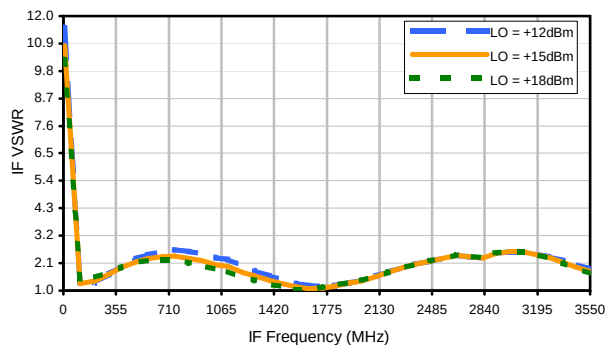
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	15	21	31	34	51	39	52	61	64	---
1	-	29	+0	39	19	47	38	47	50	62	78	81
2	63	46	54	58	48	62	62	58	58	58	72	77
3	98	74	54	76	48	75	57	82	75	78	76	>91
4	>100	>91	85	>91	>91	84	79	88	>91	85	82	86
5	>100	>91	>91	>91	87	>91	78	>91	86	>91	>91	>91
6	>100	>91	>91	>91	>91	>91	>91	>91	>91	>91	>91	>91
7	>100	>91	>91	>91	>91	>91	>91	>91	>91	>91	>91	>91
8	>100	>91	>91	>91	>91	>91	>91	>91	>91	>91	>91	>91
9	>100	>91	>91	>91	>91	>91	>91	>91	>91	>91	>91	>91
10	>100	>91	>91	>91	>91	>91	>91	>91	>91	>91	>91	>91
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 2350 MHz; -1.00 dBm.
LO IN: 2410 MHz; +15.00 dBm
IF OUT: 60 MHz; -9.1 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	22	33	37	42	48	53	70	71	81	---
1	-	29	+0	39	21	49	39	45	56	71	86	91
2	43	36	42	52	44	59	61	54	60	57	79	93
3	68	56	34	60	32	58	43	69	61	67	72	87
4	95	81	59	60	61	62	54	66	68	68	69	71
5	>100	79	75	77	52	78	46	73	56	80	76	82
6	>100	72	82	79	72	79	74	70	65	77	78	75
7	>100	91	89	82	84	86	65	86	57	98	66	101
8	>100	98	>101	85	86	87	82	96	80	79	74	88
9	>100	>101	>101	99	92	89	91	85	75	84	66	85
10	>100	>101	>101	>101	>101	92	92	93	93	92	84	82
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 2350 MHz; 9.00 dBm.
LO IN: 2410 MHz; +15.00 dBm
IF OUT: 60 MHz; 0.91 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.