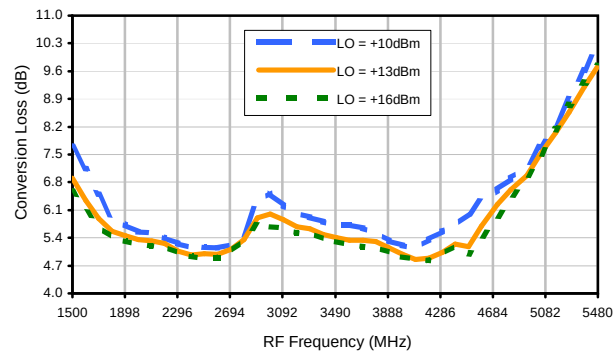
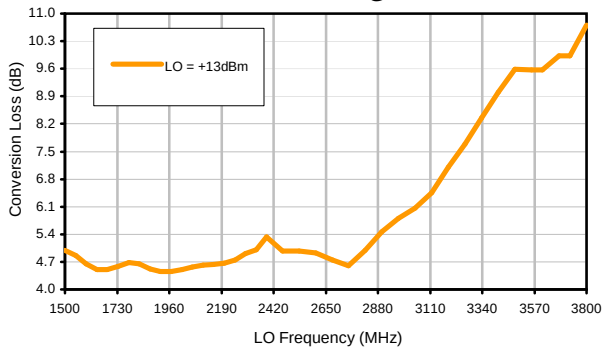


Typical Performance Curves

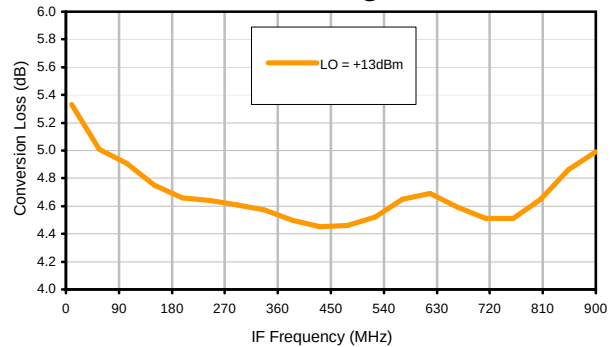
Conversion Loss @ IF=30MHz



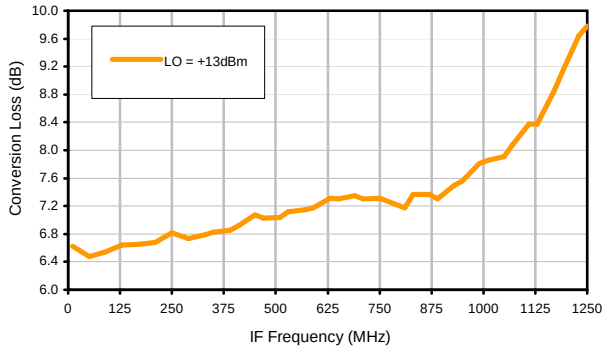
Conversion Loss vs. LO @ RF=2400MHz



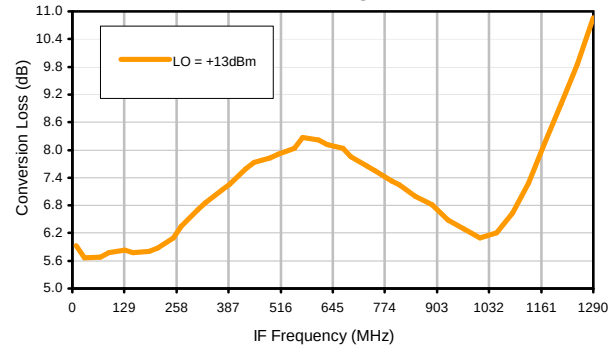
Conversion Loss vs. IF @ RF=2400MHz



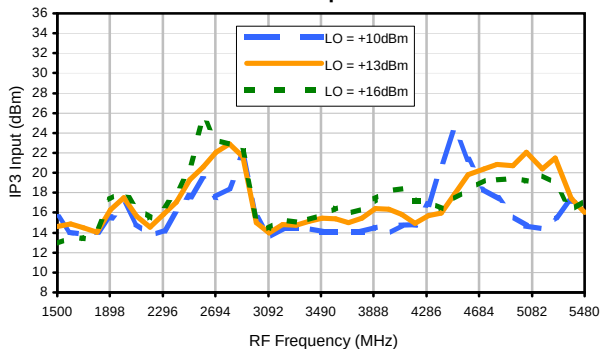
Conversion Loss vs. IF @ RF=1589.9MHz



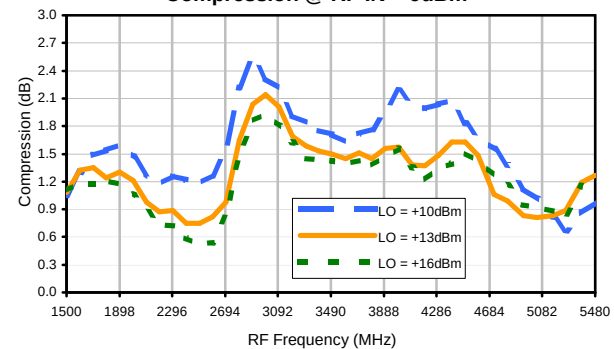
Conversion Loss vs. IF @ RF=3210.1MHz



IP3 Input

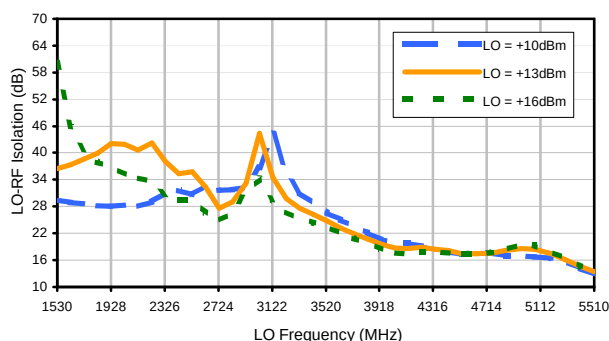


Compression @ RF IN=+9dBm

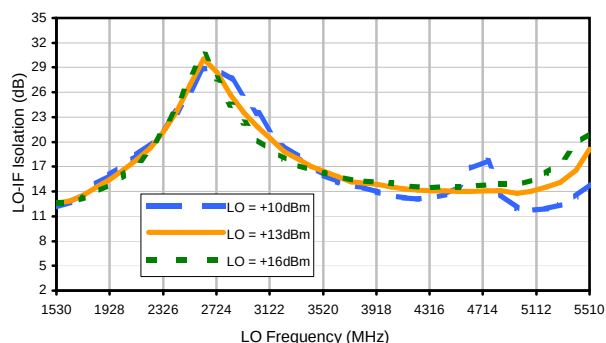


Typical Performance Curves

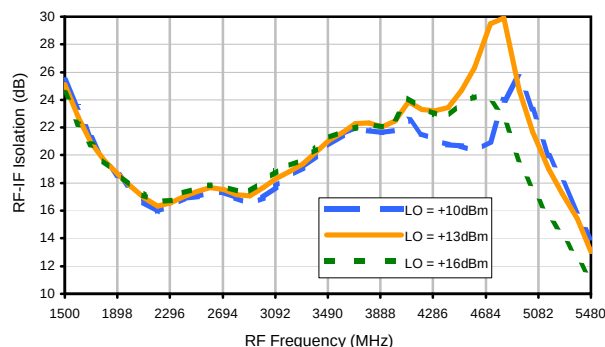
LO-RF Isolation



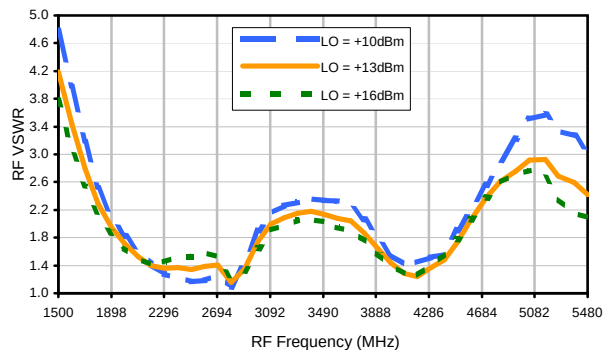
LO-IF Isolation



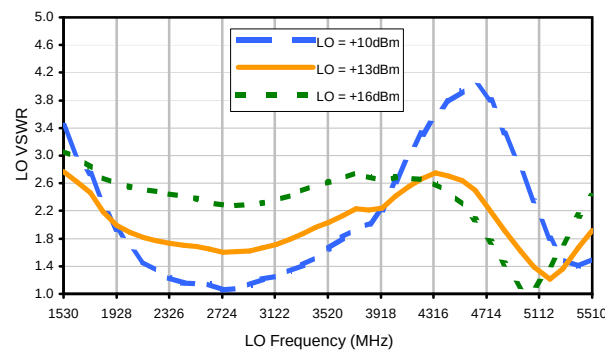
RF-IF Isolation



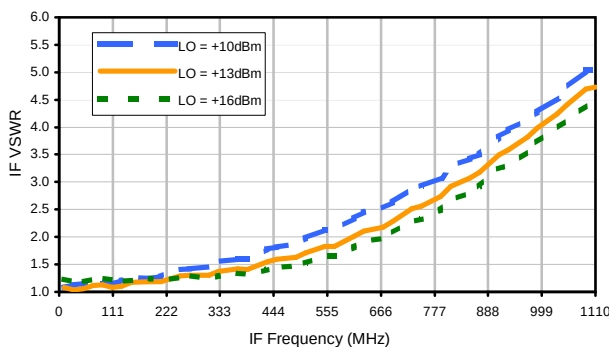
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+0	9	3	17	15	34	34	41	38	---
1	-	12	+0	22	14	32	23	32	38	56	62	47
2	73	45	47	36	43	53	40	54	45	64	52	68
3	>90	61	64	66	67	57	57	58	57	73	57	69
4	>90	>79	75	76	73	64	72	76	74	72	75	76
5	>90	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
6	>90	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
7	>90	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
8	>90	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
9	>90	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
10	---	---	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 2400 MHz; -6.00 dBm.
LO IN: 2430 MHz; +13.00 dBm
IF OUT: 30 MHz; -11.22 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	10	20	15	34	31	47	65	53	56	---
1	-	12	+0	25	16	37	27	37	65	60	59	72
2	52	36	41	31	37	45	36	43	41	53	58	63
3	86	41	47	50	62	40	39	45	42	52	53	63
4	>90	61	53	54	53	43	52	54	53	57	58	60
5	>90	64	60	68	65	62	52	55	62	55	59	62
6	>90	74	81	72	65	70	65	55	64	64	68	59
7	>90	88	75	74	77	79	79	76	63	69	80	66
8	>90	87	86	>89	87	88	75	79	75	68	76	80
9	>90	>89	85	>89	86	86	>89	85	>89	>89	75	83
10	---	---	>89	>89	>89	>89	>89	>89	88	87	>89	85
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 2400 MHz; 4.00 dBm.
LO IN: 2430 MHz; +13.00 dBm
IF OUT: 30 MHz; -1.24 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.