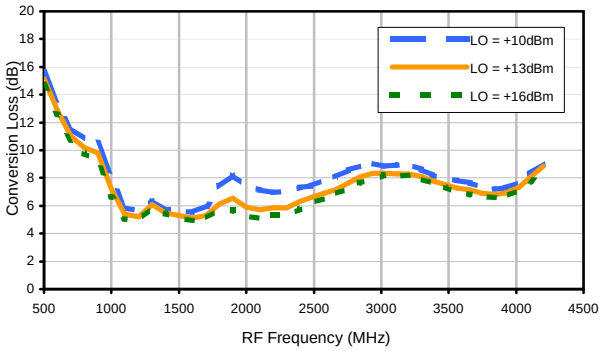
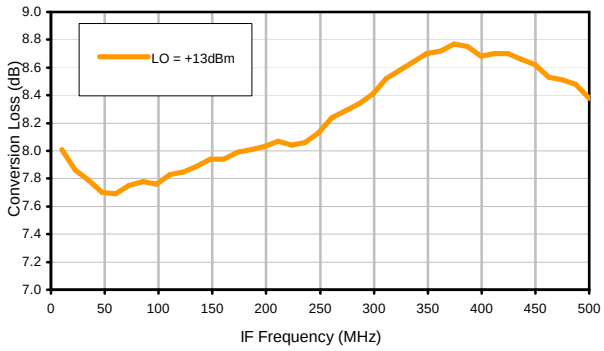
Typical Performance Curves

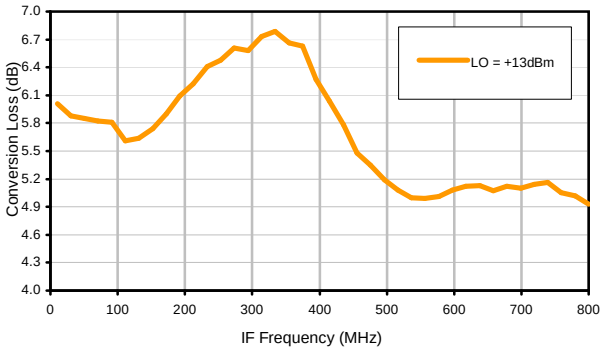
Conversion Loss @ IF=30MHz



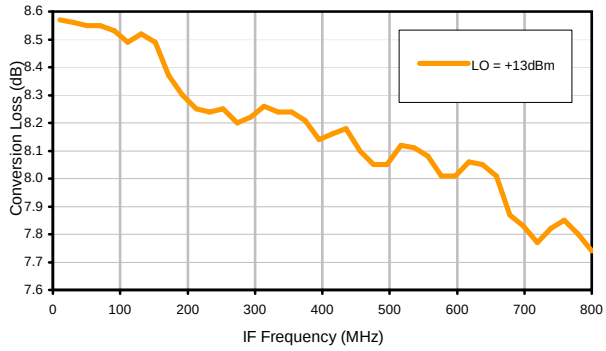
Conversion Loss vs. IF @ RF=2100.1MHz



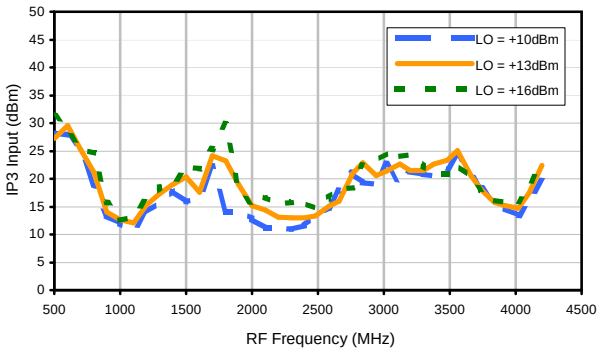
Conversion Loss vs. IF @ RF=800.1MHz



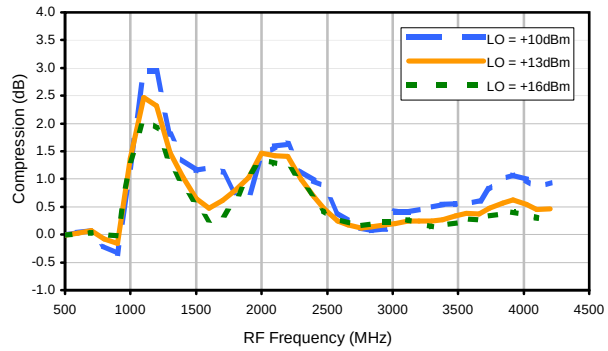
Conversion Loss vs. IF @ RF=4200.1MHz



IP3 Input

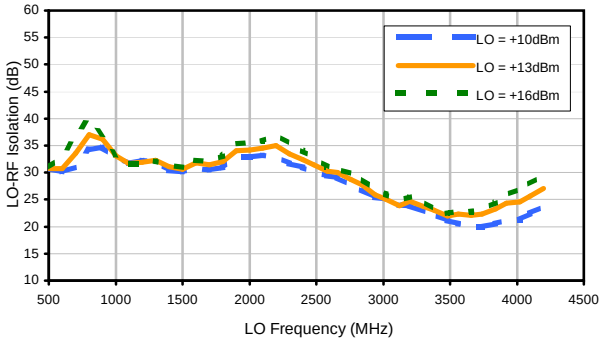


Compression @ RF IN=+9dBm

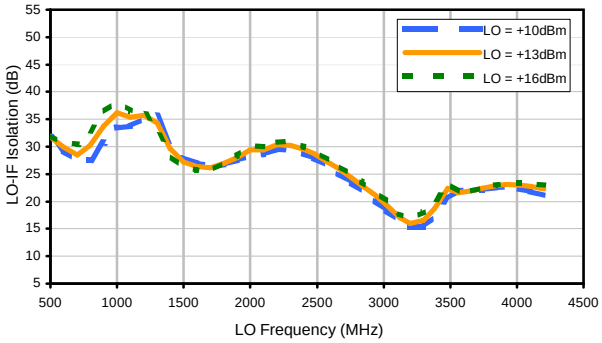


Typical Performance Curves

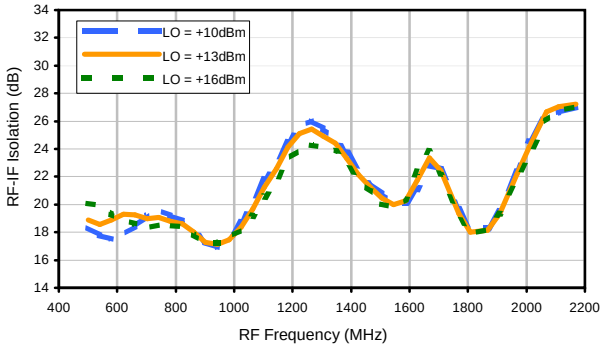
LO-RF Isolation



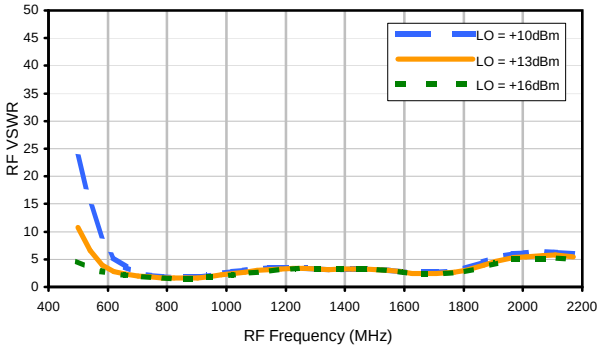
LO-IF Isolation



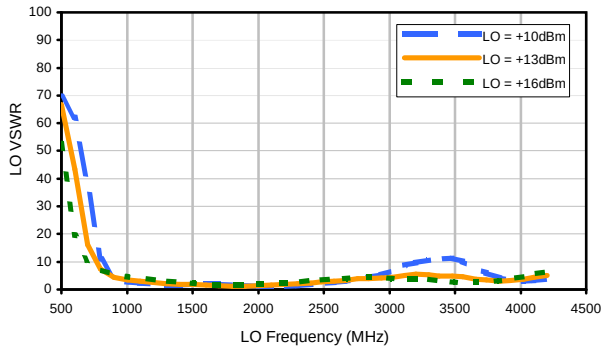
RF-IF Isolation



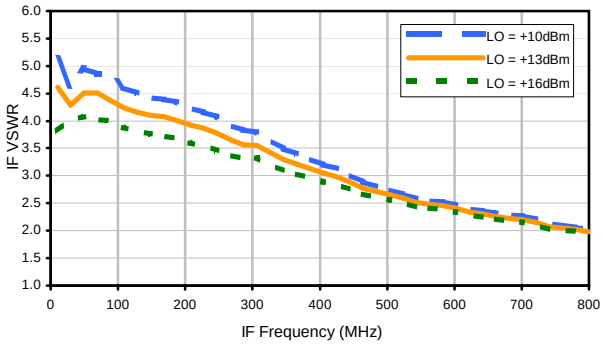
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER	(-dBm)	(-dBc)										
0	-	-	12	30	13	41	24	43	65	53	55	---
1	-	14	+0	39	32	30	37	49	35	68	52	70
2	75	54	55	43	54	63	40	63	40	63	60	60
3	91	47	54	66	41	66	57	50	52	59	50	66
4	96	82	66	>96	83	67	74	79	60	72	54	70
5	77	76	79	82	80	83	61	84	73	66	66	68
6	82	85	74	91	77	94	>96	78	89	93	74	84
7	94	>96	>96	91	>96	95	>96	>96	78	>96	88	82
8	>100	>96	>96	>96	86	>96	89	>96	>96	91	>96	>96
9	89	>96	>96	>96	>96	95	>96	>96	>96	>96	93	>96
10	---	---	>96	>96	>96	>96	>96	>96	>96	>96	>96	>96
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:
RF IN: 2500.1 MHz; 4.00 dBm.
LO IN: 2530.1 MHz; +13.00 dBm
IF OUT: 30 MHz; -3.69 dBm

RF HARMONICS ORDER	(-dBm)	(-dBc)										
0	-	-	2	20	2	29	11	31	39	37	40	---
1	-	14	+0	38	32	28	34	43	31	52	43	61
2	85	65	64	53	62	75	47	70	45	63	62	61
3	>100	68	75	86	63	84	76	68	69	71	65	78
4	>100	>86	85	>86	>86	>86	>86	>86	83	>86	78	>86
5	>100	>86	>86	>86	>86	>86	>86	>86	>86	>86	>86	>86
6	>100	>86	>86	>86	>86	>86	>86	>86	>86	>86	>86	>86
7	>100	>86	>86	>86	>86	>86	>86	>86	>86	>86	>86	>86
8	>100	>86	>86	>86	>86	>86	>86	>86	>86	>86	>86	>86
9	>100	>86	>86	>86	>86	>86	>86	>86	>86	>86	>86	>86
10	---	---	>86	>86	>86	>86	>86	>86	>86	>86	>86	>86
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:
RF IN: 2500.1 MHz; -6.00 dBm.
LO IN: 2530.1 MHz; +13.00 dBm
IF OUT: 30 MHz; -13.78 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.