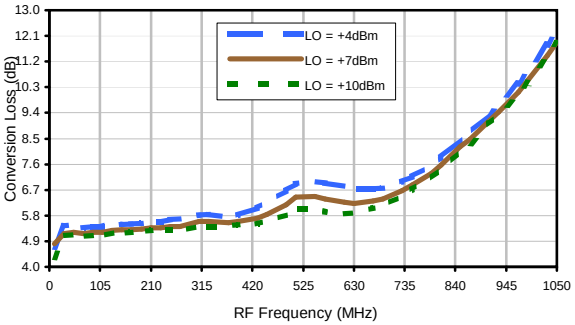
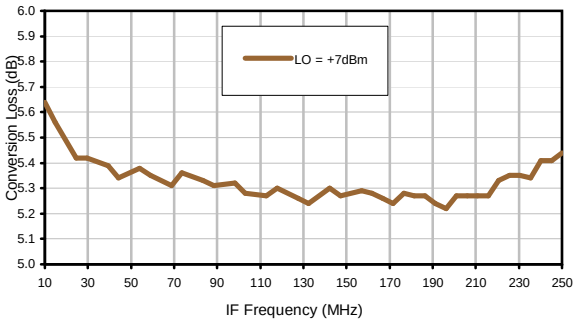
Typical Performance Curves

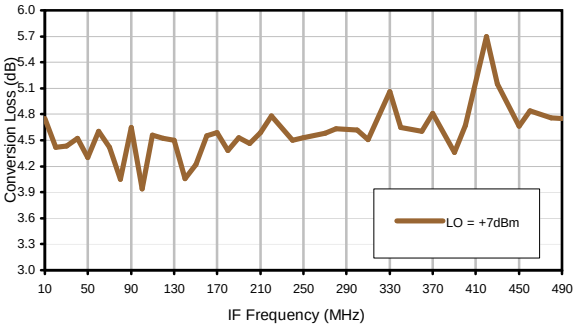
Conversion Loss @ IF=30MHz



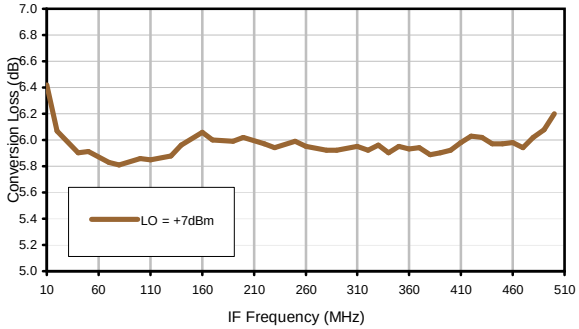
Conversion Loss vs. IF @ RF=260.1 MHz



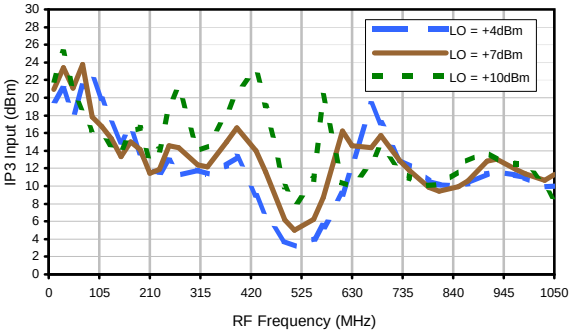
Conversion Loss vs. IF @ RF=10MHz



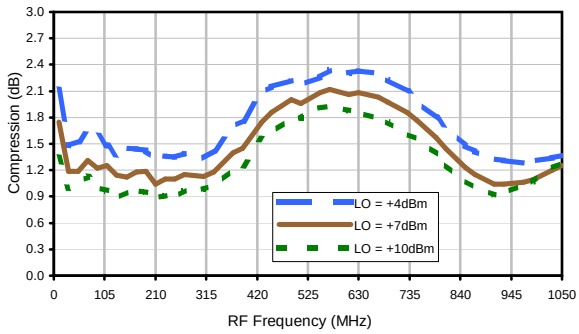
Conversion Loss vs. IF @ RF=510.1MHz



IP3 Input

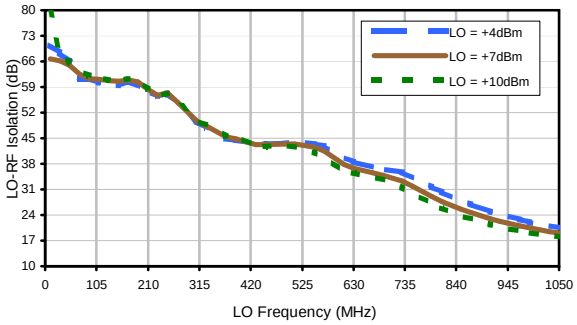


Compression @ RF IN=+1dBm

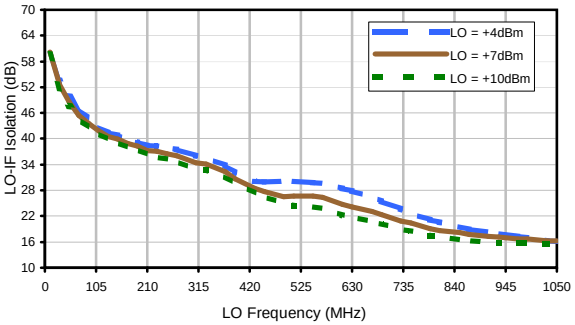


Typical Performance Curves

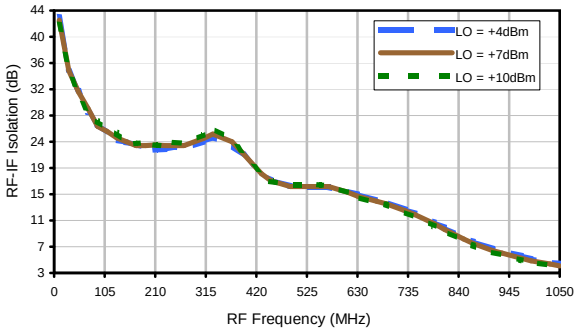
LO-RF Isolation



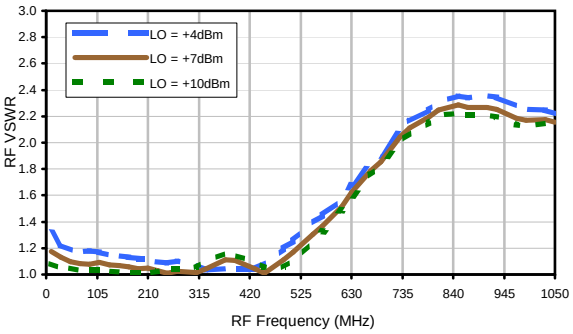
LO-IF Isolation



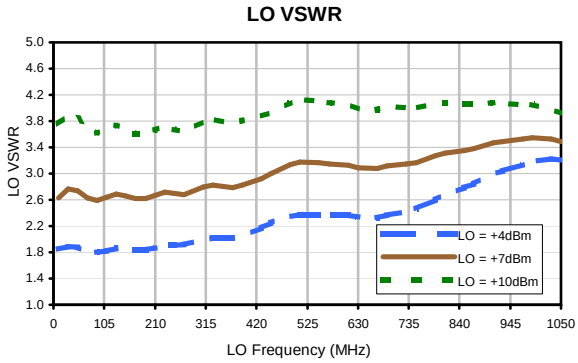
RF-IF Isolation



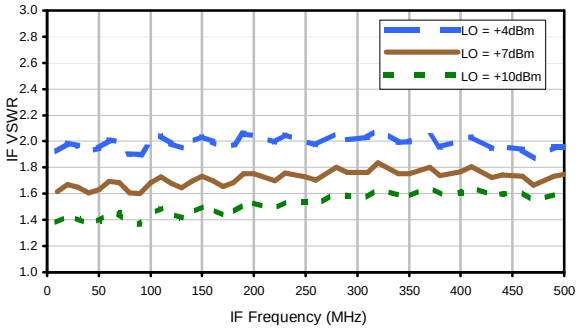
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER	(-dBm)	(-dBc)										
0	-	-	14	28	11	45	15	39	22	37	39	47
1	-	21	+0	27	11	38	22	39	38	46	51	41
2	95	68	49	67	51	> 80	47	65	52	67	57	73
3	> 100	74	62	75	62	78	58	> 80	74	79	76	>80
4	> 100	> 80	> 80	> 80	> 80	> 80	> 80	> 80	> 80	> 80	> 80	> 80
5	> 100	> 80	> 80	> 80	> 80	> 80	> 80	> 80	> 80	> 80	> 80	> 80
6	> 100	> 80	> 80	> 80	> 80	> 80	> 80	> 80	> 80	> 80	> 80	> 80
7	> 100	> 80	> 80	> 80	> 80	> 80	> 80	> 80	> 80	> 80	> 80	> 80
8	> 100	> 80	> 80	> 80	> 80	> 80	> 80	> 80	> 80	> 80	> 80	> 80
9	> 100	> 80	> 80	> 80	> 80	> 80	> 80	> 80	> 80	> 80	> 80	> 80
10	> 100	> 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: 250.10 MHz; -14.00 dBm.
LO IN: 280.10 MHz; +7.00 dBm
IF OUT: 30.00 MHz; -20.13 dBm

RF HARMONICS ORDER	(-dBm)	(-dBc)										
0	-	-	22	43	23	66	27	50	35	50	55	62
1	-	21	+0	28	12	42	24	45	40	53	70	54
2	74	52	40	70	43	57	42	56	46	63	54	63
3	> 100	45	38	49	42	50	36	50	46	55	57	62
4	> 100	67	62	64	60	65	60	77	56	67	59	70
5	> 100	67	60	62	49	78	50	72	52	70	70	74
6	> 100	88	81	78	79	84	79	77	75	75	76	80
7	> 100	88	81	79	67	70	63	75	64	73	61	73
8	> 100	> 90	> 90	> 90	> 90	88	86	82	79	> 90	83	85
9	> 100	86	> 90	> 90	> 90	> 90	75	87	77	87	83	87
10	> 100	> 90	> 90	> 90	> 90	> 90	> 90	> 90	89	> 90	88	87
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 250.10 MHz; -4.00 dBm.
LO IN: 280.10 MHz; +7.00 dBm
IF OUT: 30.00 MHz; -9.81 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.