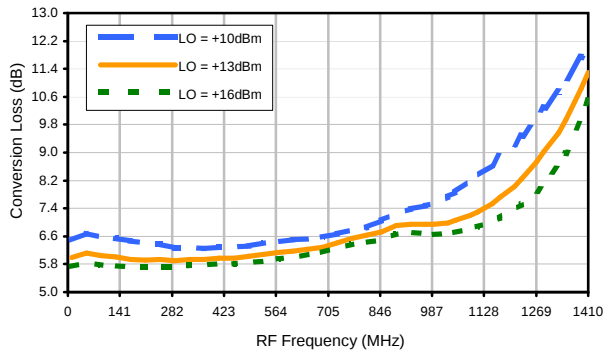
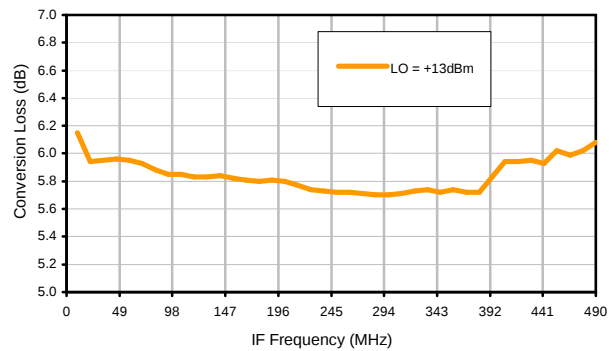


Typical Performance Curves

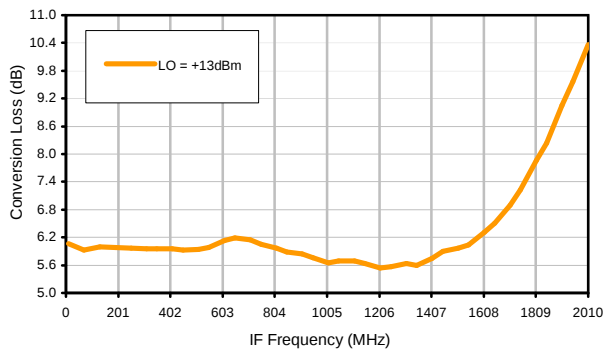
Conversion Loss @ IF=30MHz



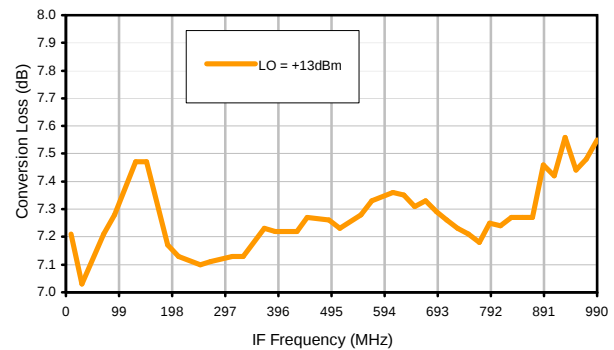
Conversion Loss vs. IF @ RF=510.1MHz



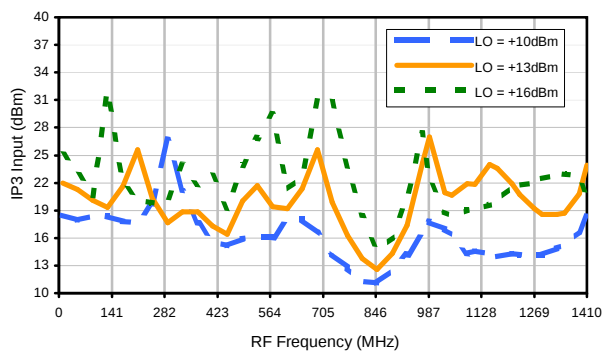
Conversion Loss vs. IF @ RF=39.9MHz



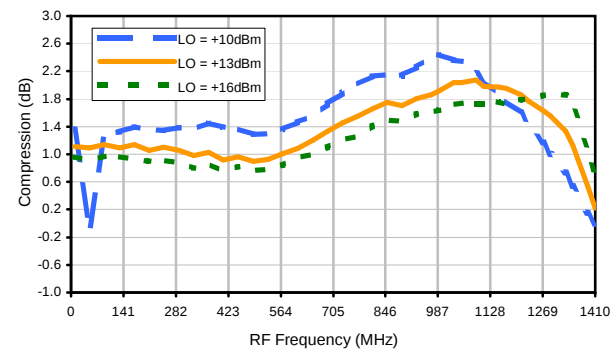
Conversion Loss vs. IF @ RF=1010.1MHz



IP3 Input

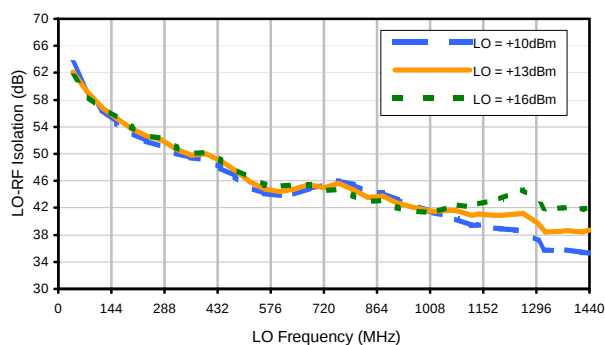


Compression @ RF IN=+9dBm

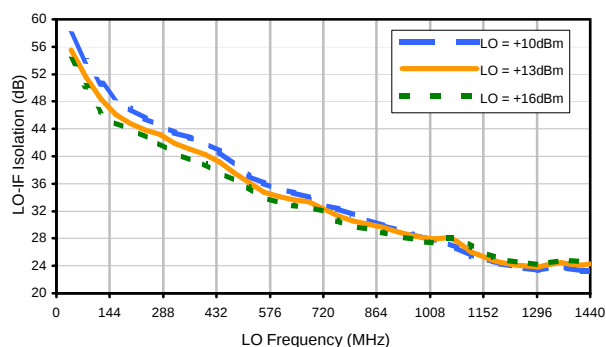


Typical Performance Curves

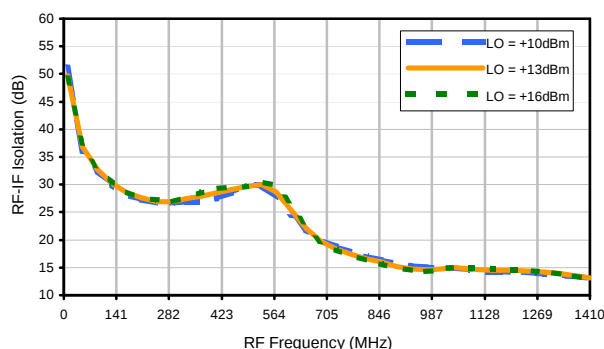
LO-RF Isolation



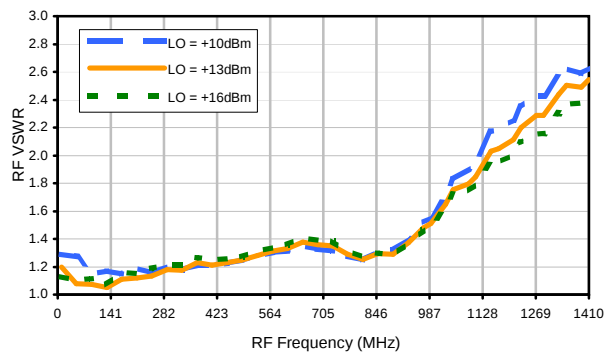
LO-IF Isolation



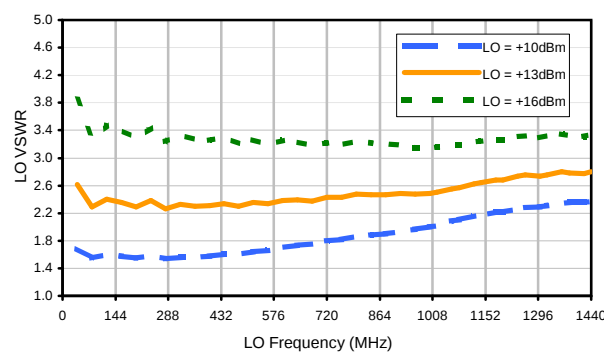
RF-IF Isolation



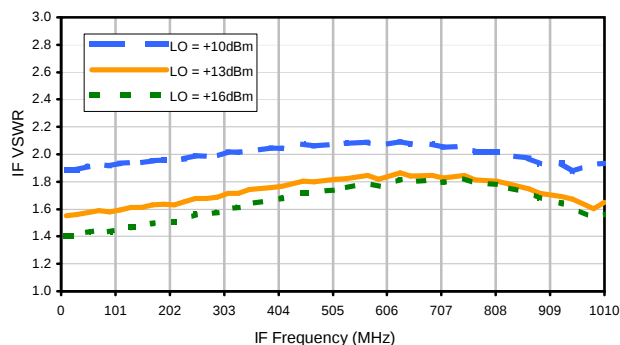
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)											
0	-	-	12	27	19	42	42	41	45	32	35	64
1	-	24	+0	29	10	26	20	37	43	32	44	44
2	77	> 78	58	77	58	76	56	69	68	> 78	72	59
3	> 90	70	> 78	73	65	69	59	66	68	> 78	73	72
4	> 90	> 78	> 78	> 78	> 78	> 78	> 78	> 78	> 78	> 78	> 78	> 78
5	> 90	> 78	> 78	> 78	> 78	> 78	> 78	> 78	> 78	> 78	> 78	> 78
6	> 90	> 78	> 78	> 78	> 78	> 78	> 78	> 78	> 78	> 78	> 78	> 78
7	> 90	> 78	> 78	> 78	> 78	> 78	> 78	> 78	> 78	> 78	> 78	> 78
8	> 90	> 78	> 78	> 78	> 78	> 78	> 78	> 78	> 78	> 78	> 78	> 78
9	> 90	> 78	> 78	> 78	> 78	> 78	> 78	> 78	> 78	> 78	> 78	> 78
10	> 90	> 78	> 78	> 78	> 78	> 78	> 78	> 78	> 78	> 78	> 78	> 78
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions: RF IN: 525.00 MHz; -6.00 dBm.
LO IN: 555.00 MHz; +13.00 dBm
IF OUT: 30 MHz; -12.50 dBm

RF HARMONICS ORDER

	(-dBm)											
0	-	-	21	37	32	55	51	52	68	48	57	73
1	-	26	+0	27	10	31	22	41	42	39	69	53
2	77	72	45	63	45	67	47	62	61	67	65	54
3	85	50	42	56	43	50	37	45	47	53	59	45
4	> 90	75	67	70	67	78	66	76	59	69	75	75
5	> 90	61	60	63	50	58	49	55	47	54	56	67
6	> 90	> 88	84	80	71	74	66	74	64	78	69	84
7	> 90	> 88	> 88	87	70	70	65	72	67	68	64	66
8	> 90	> 88	> 88	> 88	> 88	84	80	78	78	81	75	82
9	> 90	83	84	87	> 88	> 88	74	76	68	78	70	74
10	> 90	> 88	> 78	> 88	> 88	> 88	> 88	> 88	> 88	82	81	85
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions: RF IN: 525 MHz; +4.00 dBm.
LO IN: 555 MHz; +13.00 dBm
IF OUT: 30.00MHz; -2.44 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



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