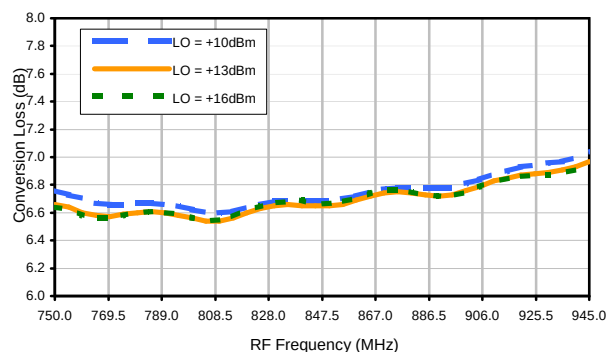
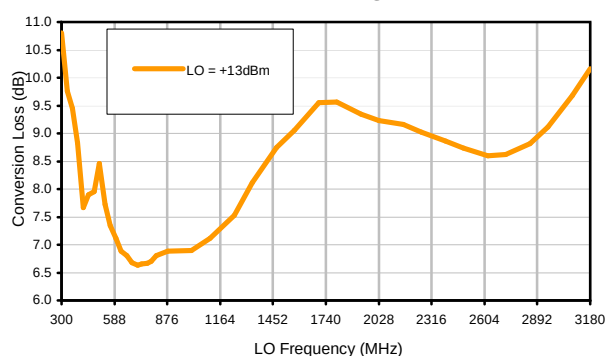


Typical Performance Curves

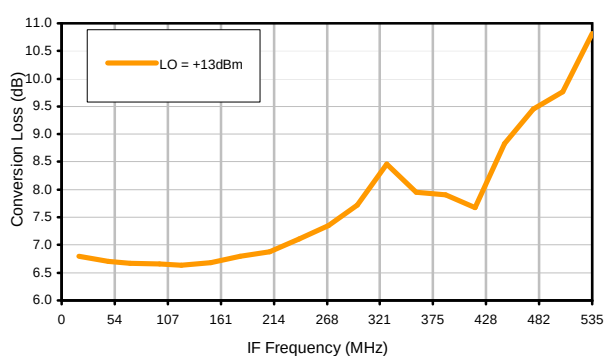
Conversion Loss @ IF=70MHz



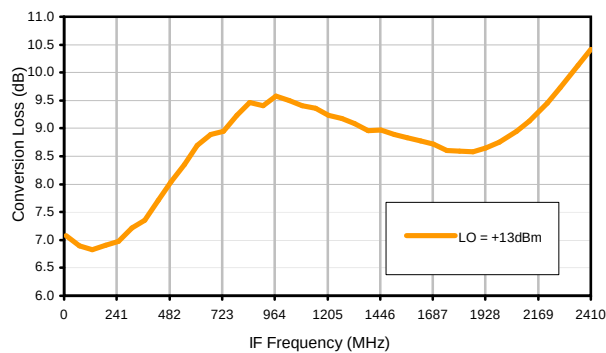
Conversion Loss vs. LO @ RF=835.1MHz



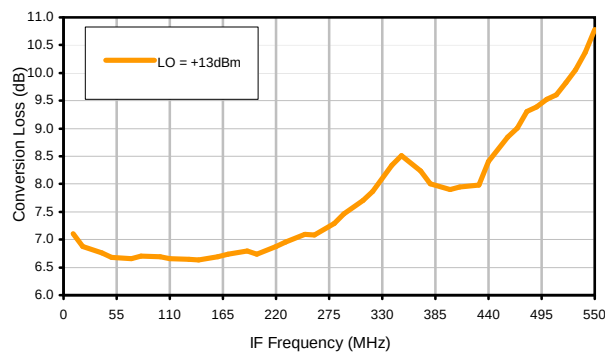
Conversion Loss vs. IF @ RF=835.1MHz



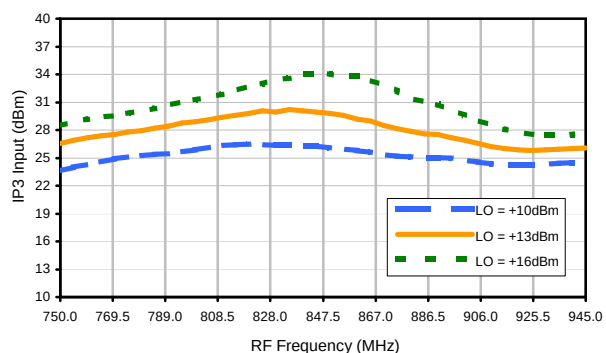
Conversion Loss vs. IF @ RF=818.1MHz



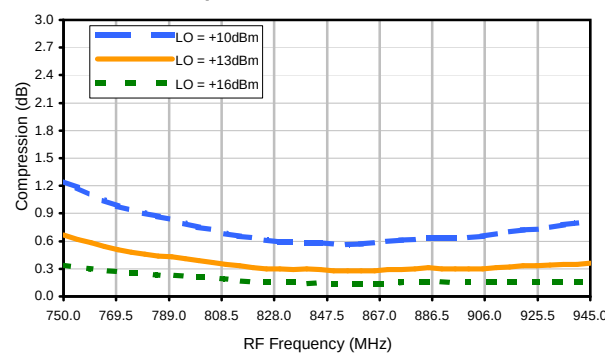
Conversion Loss vs. IF @ RF=853.1MHz



IP3 Input

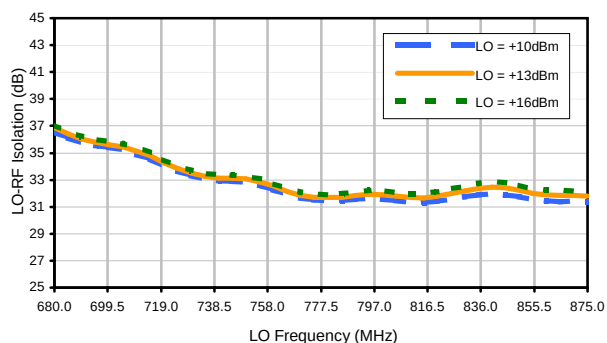


Compression @ RF IN=+16dBm

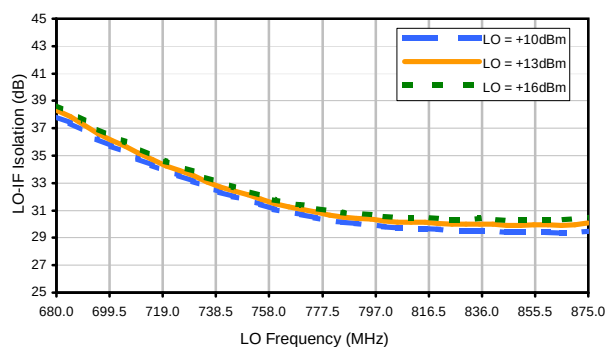


Typical Performance Curves

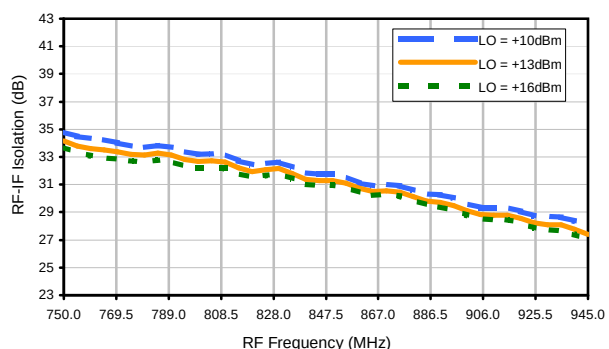
LO-RF Isolation



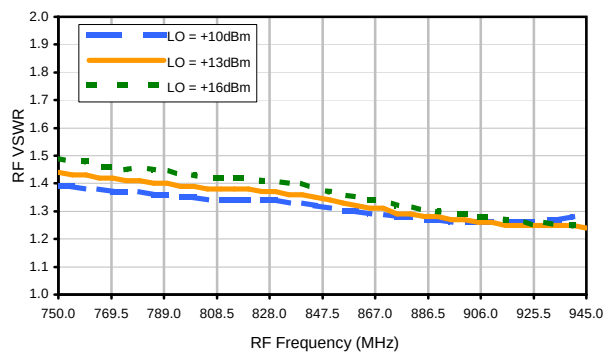
LO-IF Isolation



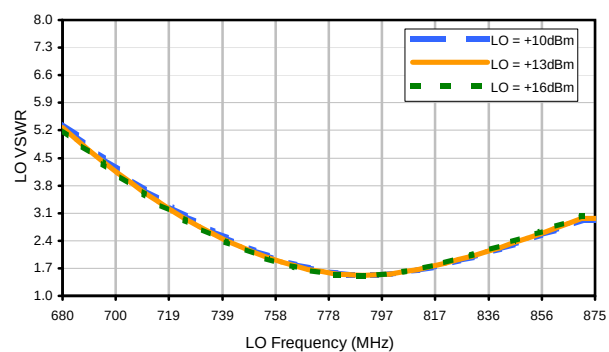
RF-IF Isolation



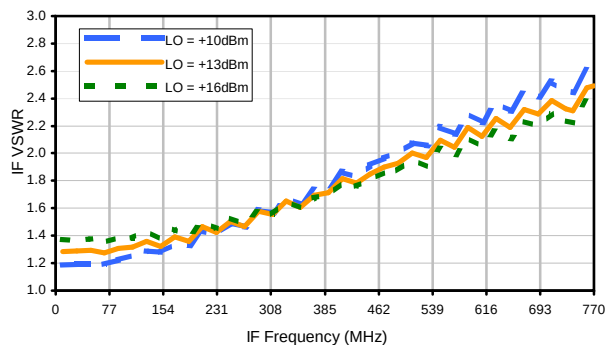
RF VSWR



LO VSWR



IF VSWR



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Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	12	14	27	28	35	38	45	46	41	44
1	-	24	+0	28	13	22	28	28	36	30	44	34
2	62	46	59	46	54	47	55	54	66	60	65	61
3	>90	68	64	62	57	57	57	57	62	61	62	60
4	>90	>84	>84	83	81	78	78	79	81	>84	>84	>84
5	>90	>84	>84	>84	>84	>84	>84	84	>84	82	>84	>84
6	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
7	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
8	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
9	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
10	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 835.1 MHz; 1.00 dBm.

LO IN: 768.1 MHz; +13.00 dBm

IF OUT: 67 MHz; -5.71 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	23	23	40	35	48	41	48	49	48	56
1	-	24	+0	30	13	24	31	31	42	34	44	38
2	42	36	51	36	45	38	45	46	58	52	66	57
3	62	52	42	44	39	40	42	41	47	46	50	47
4	90	71	66	66	70	62	70	60	69	61	64	68
5	>90	69	67	65	70	61	56	55	55	54	59	60
6	>90	75	76	77	77	76	74	75	73	76	73	74
7	>90	86	80	80	78	76	76	75	67	67	65	65
8	>90	87	88	82	82	84	85	83	83	82	79	82
9	>90	>94	>94	>94	91	89	87	83	88	90	77	75
10	>90	>94	>94	>94	>94	91	91	92	94	90	>94	86
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 835.1 MHz; 11.00 dBm.

LO IN: 768.1 MHz; +13.00 dBm

IF OUT: 67 MHz; 4.19 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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