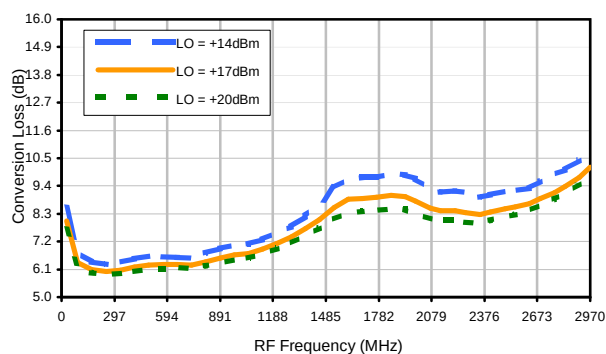
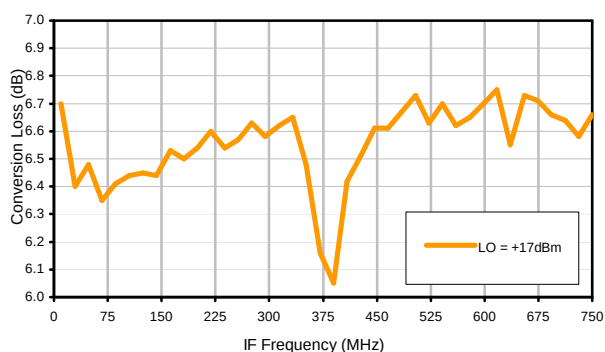


Typical Performance Curves

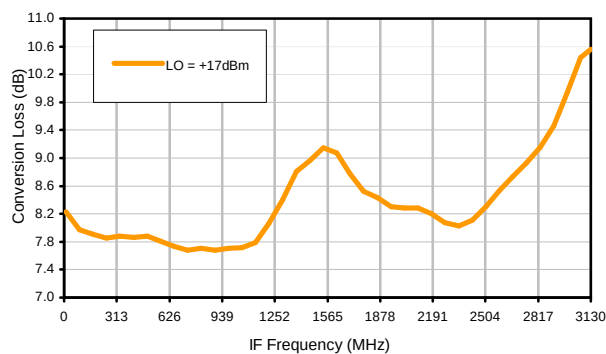
Conversion Loss @ IF=30MHz



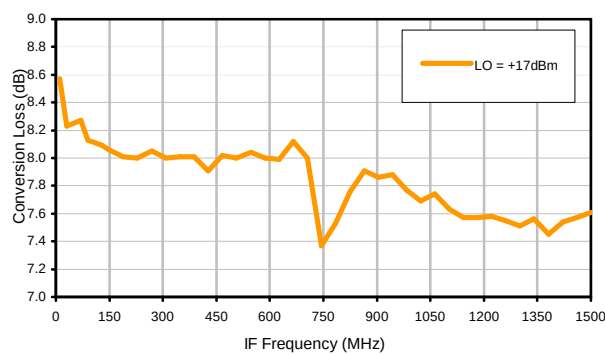
Conversion Loss vs. IF @ RF=760.1MHz



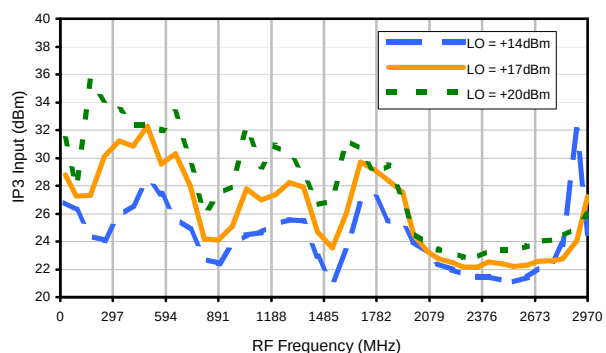
Conversion Loss vs. IF @ RF=29.9MHz



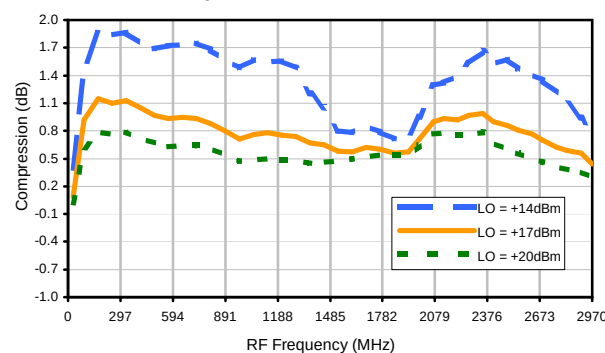
Conversion Loss vs. IF @ RF=1510.1MHz



IP3 Input

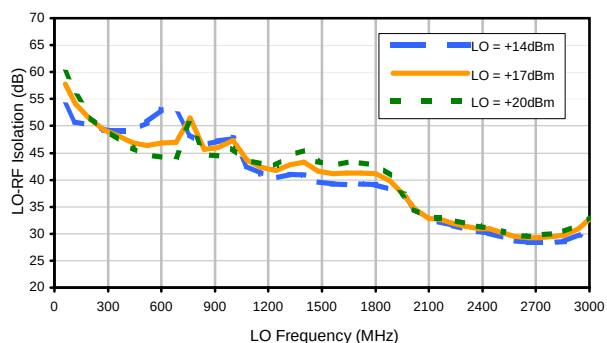


Compression @ RF IN=+15dBm

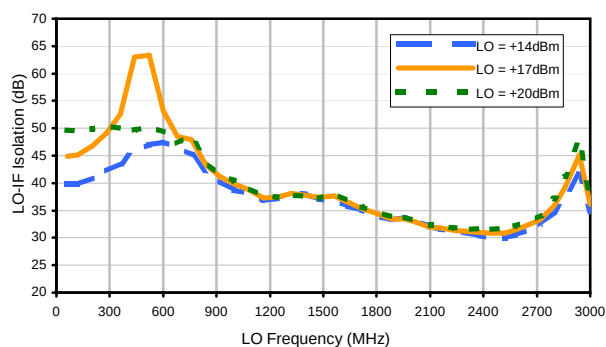


Typical Performance Curves

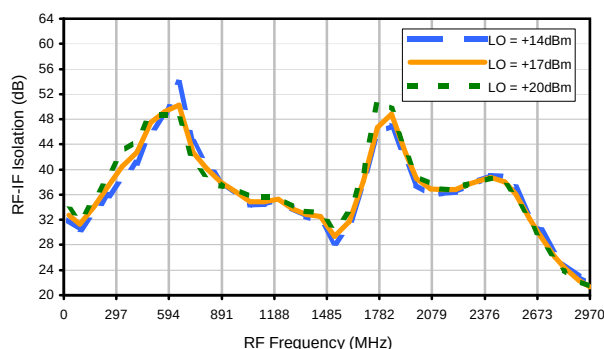
LO-RF Isolation



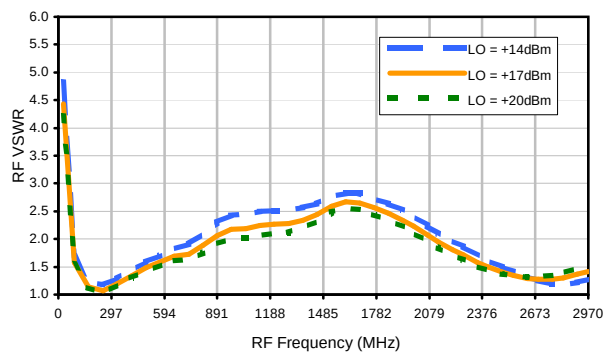
LO-IF Isolation



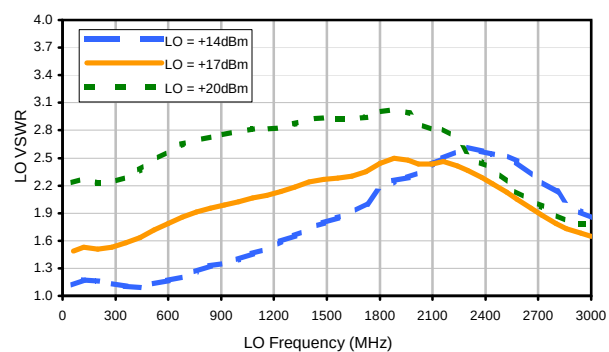
RF-IF Isolation



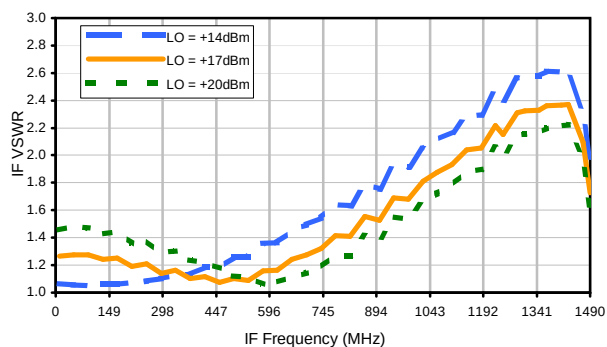
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	22	22	32	27	32	37	34	43	42	52
1	-	33	+0	35	13	37	20	41	44	41	35	48
2	62	50	55	53	55	50	61	55	54	64	61	57
3	>90	77	56	77	51	68	53	62	50	64	57	65
4	>90	>84	>84	74	>84	72	>84	72	80	80	84	83
5	>90	>84	80	>84	80	>84	78	82	80	82	76	83
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: 770 MHz; 0.00 dBm.
LO IN: 800 MHz; +17.00 dBm
IF OUT: 30 MHz; -6.34 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	30	33	47	39	51	52	59	58	55	70
1	-	35	+0	38	13	44	23	47	44	50	46	61
2	42	43	45	51	47	50	50	49	53	61	57	76
3	65	55	40	57	37	54	47	56	38	58	51	57
4	>90	63	66	55	65	55	60	52	68	64	61	59
5	>90	65	72	67	55	71	55	67	54	64	49	70
6	>90	79	80	80	76	67	92	63	75	59	70	69
7	>90	79	75	77	64	82	66	82	64	84	68	69
8	>90	85	88	88	78	80	81	88	77	75	77	71
9	>90	>94	81	>94	80	78	74	82	76	79	75	79
10	>90	>94	>94	89	89	86	87	84	83	78	82	80
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 770 MHz; 10.00 dBm.
LO IN: 800 MHz; +17.00 dBm
IF OUT: 30 MHz; 3.54 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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