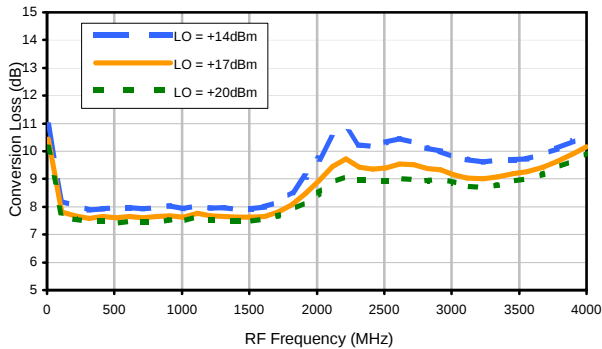
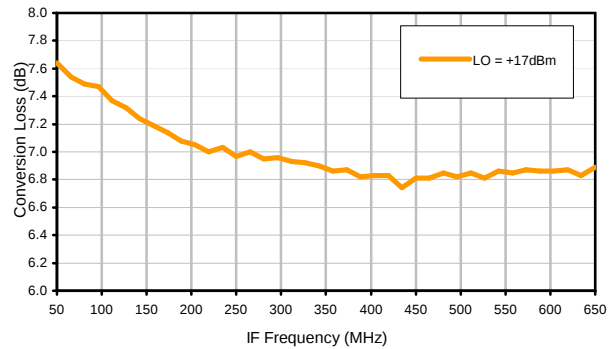


Typical Performance Curves

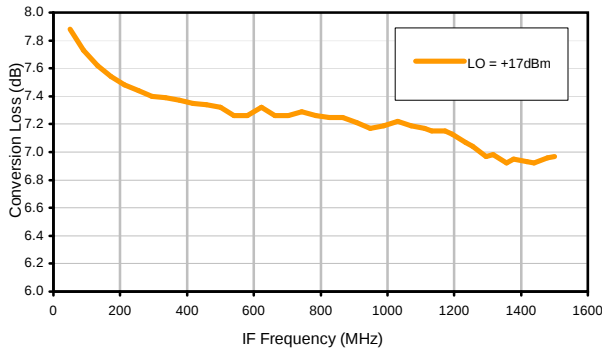
Conversion Loss @ IF=50MHz



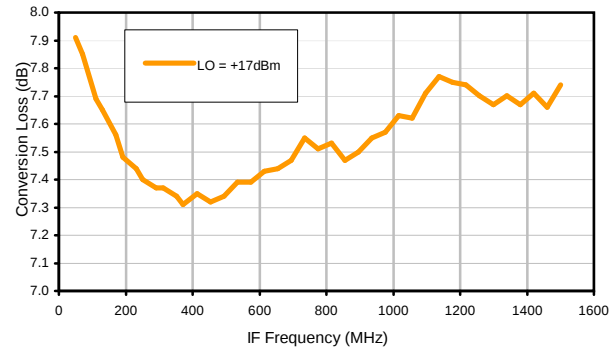
Conversion Loss vs. IF @ RF=850.1MHz



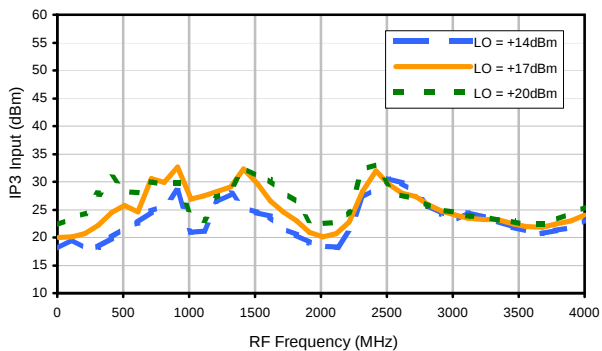
Conversion Loss vs. IF @ RF=100.1MHz



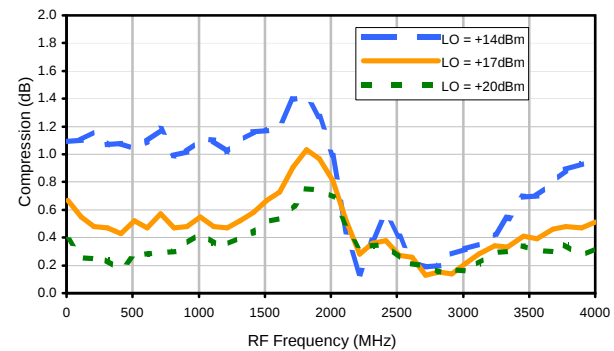
Conversion Loss vs. IF @ RF=1700.1MHz



IP3 Input

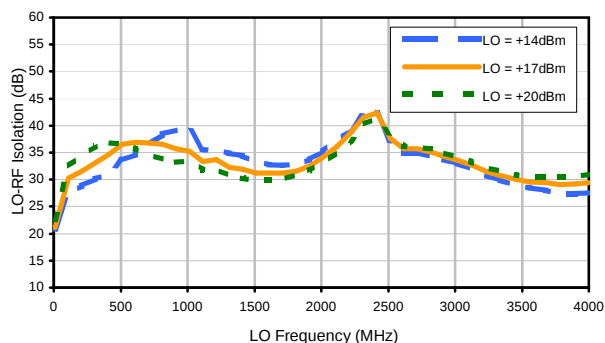


Compression @ RF IN=+14dBm

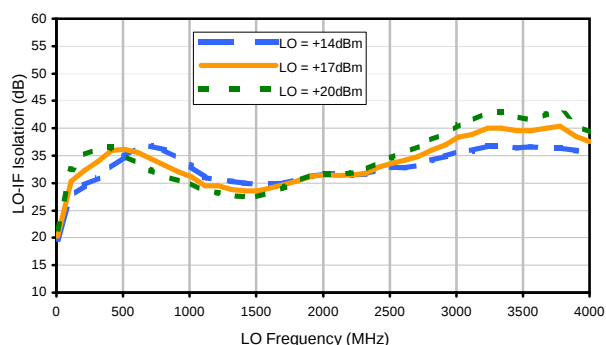


Typical Performance Curves

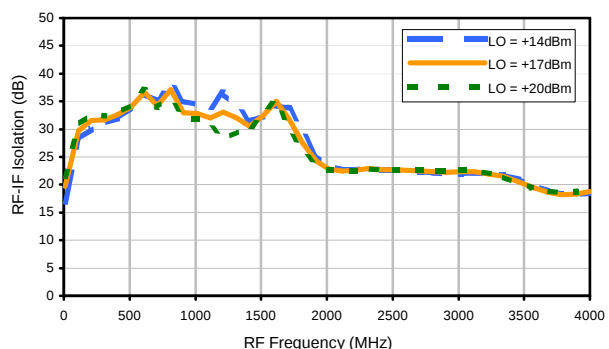
LO-RF Isolation



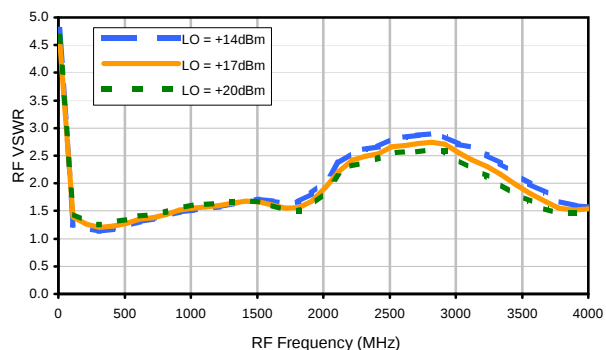
LO-IF Isolation



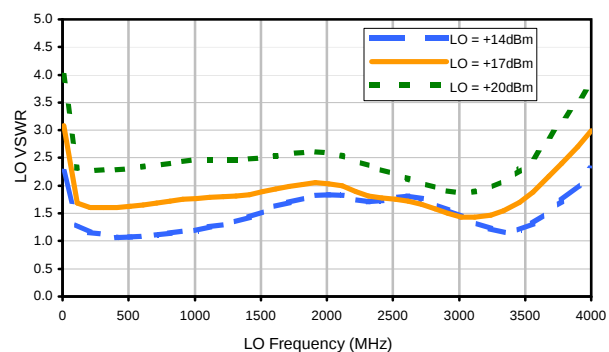
RF-IF Isolation



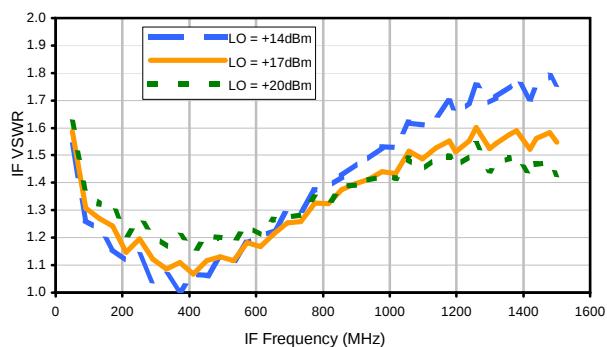
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	7	10	27	21	26	41	31	38	37	52
1	-	20	+0	34	13	49	19	43	41	39	32	52
2	88	44	45	47	51	47	52	39	63	52	56	52
3	>100	67	57	85	52	66	46	62	42	68	51	64
4	>100	73	72	87	76	74	72	72	68	66	71	76
5	>100	90	73	84	77	80	74	77	72	80	73	80
6	>100	>91	>91	87	>91	88	91	90	>91	90	>91	84
7	>100	>91	>91	>91	>91	>91	>91	>91	>91	>91	>91	>91
8	>100	>91	>91	>91	>91	>91	>91	>91	>91	>91	>91	>91
9	>100	>91	>91	>91	>91	>91	>91	>91	>91	>91	>91	>91
10	>100	>91	>91	>91	>91	>91	>91	>91	>91	>91	>91	>91
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 900.1 MHz; -1.00 dBm.
LO IN: 950.01 MHz; +17.00 dBm
IF OUT: 49.91 MHz; -8.54 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	18	21	46	42	42	53	41	56	45	66
1	-	20	+0	30	13	53	29	50	51	59	49	66
2	73	39	38	43	40	50	46	42	50	67	57	63
3	>100	49	38	51	40	50	38	54	34	59	53	56
4	>100	64	56	54	57	50	59	49	56	46	65	60
5	>100	60	53	62	48	72	45	63	43	67	41	67
6	>100	75	70	64	68	63	68	66	59	63	60	56
7	>100	71	72	78	66	70	59	64	57	62	54	62
8	>100	79	79	79	88	80	85	82	89	72	78	69
9	>100	84	94	80	85	72	79	74	73	70	70	67
10	>100	100	84	95	84	89	93	85	84	84	82	76
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 900.1 MHz; 9.00 dBm.
LO IN: 950.01 MHz; +17.00 dBm
IF OUT: 49.91 MHz; 1.25 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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