PASSED: Bin 47, p-value=0.0632 Validation (avg=8.69) 0.6 Generated (avg=11.64) 0.5 -0.4 -Density 6.0 0.2 0.1 0.0 25 30 35 10 20 5 15

Charge Value

PASSED: Bin 49, p-value=0.0632 Validation (avg=9.26) 0.5 -Generated (avg=12.47) 0.4 Density E.0 0.2 0.1 0.0 35 5 15 25 30 10 20

Charge Value

FAILED: Bin 28, p-value=0.0000 Validation (avg=4.47) 2.00 Generated (avg=5.03) 1.75 -1.50 -1.25 -Density 1.00 -0.75 -0.50 -0.25 0.00

10.0

Charge Value

12.5

15.0

17.5

20.0

0.0

2.5

5.0

7.5

FAILED: Bin 29, p-value=0.0000 Validation (avg=4.61) Generated (avg=5.24) 1.2 1.0 -0.8 -Density 9.0 0.4 0.2 0.0 15 20 5 10 Charge Value

EXCLUDED: Bin 0, Average charge values (1.19, 0.91) below threshold 5 Validation (avg=1.19) 16 -Generated (avg=0.91) 14 -12 -10 -Density 6 -4 2 0 2 Charge Value

EXCLUDED: Bin 1, Average charge values (1.27, 0.96) below threshold 5 Validation (avg=1.27) 16 -Generated (avg=0.96) 14 · 12 -10 -Density 6 4 2 0 Charge Value