FAILED: Bin 26, p-value=0.0000 Validation (avg=4.07) 2.00 -Generated (avg=5.04) 1.75 -1.50 -1.25 -Density 0.75 -0.50

15

Charge Value

25

20

0.25

0.00

0

5

10

FAILED: Bin 27, p-value=0.0000 1.6 Validation (avg=4.16) Generated (avg=5.33) 1.4 -1.2 -1.0 -Density 8°0 0.6 -0.4 -0.2 0.0 30 5 20 25 . 15 10 Charge Value

EXCLUDED: Bin 0, Average charge values (1.19, 1.11) below threshold 5 Validation (avg=1.19) 16 -Generated (avg=1.11) 14 -12 -10 -Density 6 -4 2 0 2 6 8 Charge Value

EXCLUDED: Bin 1, Average charge values (1.27, 1.17) below threshold 5 Validation (avg=1.27) 16 -Generated (avg=1.17) 14 -12 -10 -Density 6 4 2 0 2 6 8 Charge Value