THR Distribution of Anode: 1 (UART: 0 FEB: 1 CHIP: 0 CHANNEL: 7) 10<sup>7</sup> Counts 106°, 10<sup>5</sup> 20 10 30 40 0 50 60 THR Steps (0-63)

THR Distribution of Anode: 2 (UART: 0 FEB: 1 CHIP: 0 CHANNEL: 5) 10<sup>7</sup>  $10^{6}$ Counts  $10^{5}$ 20 10 30 40 50 0 60 THR Steps (0-63)

THR Distribution of Anode: 3 (UART: 0 FEB: 1 CHIP: 1 CHANNEL: 2) 10<sup>7</sup> Counts 10<sup>6</sup> 10<sup>5</sup> 10 20 60 30 50 40 0

THR Distribution of Anode: 4 (UART: 0 FEB: 1 CHIP: 1 CHANNEL: 0) 10<sup>7</sup> Counts 106 10<sup>5</sup> 20 10 30 40 60 0 50 THR Steps (0-63)

THR Distribution of Anode: 5 (UART: 0 FEB: 0 CHIP: 0 CHANNEL: 7) 10<sup>7</sup>  $10^{6}$ Counts  $10^{5}$ 10 20 30 0 40 50 60 THR Steps (0-63)

THR Distribution of Anode: 6 (UART: 0 FEB: 0 CHIP: 0 CHANNEL: 5) 10<sup>7</sup>  $10^{6}$ Counts  $10^{5}$ 20 10 30 40 0 50 60 THR Steps (0-63)

THR Distribution of Anode: 7 (UART: 0 FEB: 0 CHIP: 1 CHANNEL: 2) 10<sup>7</sup>  $10^{6}$ Counts 10<sup>5</sup> 20 10 30 40 0 50 60

THR Distribution of Anode: 8 (UART: 0 FEB: 0 CHIP: 1 CHANNEL: 0) 10<sup>7</sup>  $10^{6}$ Counts 10<sup>5</sup> 10 20 30 0 40 50 60 THR Steps (0-63)

THR Distribution of Anode: 9 (UART: 0 FEB: 1 CHIP: 0 CHANNEL: 1) 10<sup>7</sup> Counts 106 / 10<sup>5</sup> 20 10 30 40 50 0 60

THR Distribution of Anode: 10 (UART: 0 FEB: 1 CHIP: 0 CHANNEL: 0) 10<sup>7</sup> Counts 10<sup>6</sup> 10<sup>5</sup> 20 10 30 40 0 50 60 THR Steps (0-63)

THR Distribution of Anode: 11 (UART: 0 FEB: 1 CHIP: 1 CHANNEL: 7) 10<sup>7</sup> Counts 106 10<sup>5</sup> 20 10 30 0 40 50 60 THR Steps (0-63)

THR Distribution of Anode: 12 (UART: 0 FEB: 1 CHIP: 1 CHANNEL: 6) 10<sup>7</sup> Sounts 106. 10<sup>5</sup>

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THR Steps (0-63)

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60

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0

THR Distribution of Anode: 13 (UART: 0 FEB: 0 CHIP: 0 CHANNEL: 1) 10<sup>7</sup>  $10^{6}$ Counts 10<sup>5</sup> 10 20 30 0 40 50 60 THR Steps (0-63)

THR Distribution of Anode: 14 (UART: 0 FEB: 0 CHIP: 0 CHANNEL: 0) 10<sup>7</sup>  $10^{6}$ Counts 10<sup>5</sup> 20 10 30 0 40 50 60 THR Steps (0-63)

THR Distribution of Anode: 15 (UART: 0 FEB: 0 CHIP: 1 CHANNEL: 7) 10<sup>7</sup>  $10^{6}$ Counts 10<sup>5</sup> 10 20 30 0 40 50 60 THR Steps (0-63)

THR Distribution of Anode: 16 (UART: 0 FEB: 0 CHIP: 1 CHANNEL: 6) 10<sup>7</sup>  $10^{6}$ Counts 10<sup>5</sup> 20 10 30 40 0 50 60

THR Distribution of Anode: 17 (UART: 0 FEB: 1 CHIP: 2 CHANNEL: 6) 10<sup>7</sup> Counts 10<sup>6</sup> 10<sup>5</sup> 20 10 30 0 40 50 60 THR Steps (0-63)

THR Distribution of Anode: 18 (UART: 0 FEB: 1 CHIP: 2 CHANNEL: 4) 10<sup>7</sup> Counts 10<sup>6</sup> 10<sup>5</sup> 10 20 30 0 40 50 60 THR Steps (0-63)

THR Distribution of Anode: 19 (UART: 0 FEB: 1 CHIP: 3 CHANNEL: 3) 10<sup>7</sup> Counts 10<sup>6</sup> 10<sup>5</sup> 10 20 30 0 40 50 60

THR Distribution of Anode: 20 (UART: 0 FEB: 1 CHIP: 3 CHANNEL: 1) 10<sup>7</sup> Counts 10<sup>6</sup> 10<sup>5</sup>

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THR Steps (0-63)

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0

THR Distribution of Anode: 21 (UART: 0 FEB: 0 CHIP: 2 CHANNEL: 6) 10<sup>7</sup> Counts 10<sup>6</sup> 10<sup>5</sup> 20 10 30 40 0 50 60 THR Steps (0-63)

THR Distribution of Anode: 22 (UART: 0 FEB: 0 CHIP: 2 CHANNEL: 4) 10<sup>7</sup> Sounts 106 , 10<sup>5</sup> 10 20 30 0 40 50 60

THR Distribution of Anode: 23 (UART: 0 FEB: 0 CHIP: 3 CHANNEL: 3) 10<sup>7</sup>  $10^{6}$ Counts 10<sup>5</sup> 20 10 30 0 40 50 60 THR Steps (0-63)

THR Distribution of Anode: 24 (UART: 0 FEB: 0 CHIP: 3 CHANNEL: 1) 10<sup>7</sup>  $10^{6}$ Counts  $10^{5}$ 20 10 30 0 40 50 60

THR Distribution of Anode: 25 (UART: 0 FEB: 1 CHIP: 2 CHANNEL: 2) 10<sup>7</sup> Counts 10<sup>6</sup>  $10^{5}$ 20

30

THR Steps (0-63)

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0

THR Distribution of Anode: 26 (UART: 0 FEB: 1 CHIP: 2 CHANNEL: 0) 10<sup>7</sup> Counts 10<sup>6</sup>  $10^{5}$ 20 10 30 0 40 50 60 THR Steps (0-63)

THR Distribution of Anode: 27 (UART: 0 FEB: 1 CHIP: 3 CHANNEL: 7) 10<sup>7</sup> Counts 10<sup>6</sup> 10<sup>5</sup> 10 20 30 0 40 50 60

THR Distribution of Anode: 28 (UART: 0 FEB: 1 CHIP: 3 CHANNEL: 5) 10<sup>7</sup> Counts 10<sup>6</sup> 10<sup>5</sup> 10 20 30 0 40 50 60

THR Distribution of Anode: 29 (UART: 0 FEB: 0 CHIP: 2 CHANNEL: 2) 10<sup>7</sup> Counts 106°, 10<sup>5</sup> 20 10 30 0 40 50 60 THR Steps (0-63)

THR Distribution of Anode: 30 (UART: 0 FEB: 0 CHIP: 2 CHANNEL: 0) 10<sup>7</sup> Counts 106.  $10^{5}$ 20 10 30 0 40 50 60 THR Steps (0-63)

THR Distribution of Anode: 31 (UART: 0 FEB: 0 CHIP: 3 CHANNEL: 7) 10<sup>7</sup> Counts 106. 10<sup>5</sup> 20 10 30 0 40 50 60 THR Steps (0-63)

THR Distribution of Anode: 32 (UART: 0 FEB: 0 CHIP: 3 CHANNEL: 5) 10<sup>7</sup>  $10^{6}$ Counts  $10^{5}$ 20 10 30 0 40 50 60 THR Steps (0-63)

THR Distribution of Anode: 33 (UART: 0 FEB: 1 CHIP: 4 CHANNEL: 5) 10<sup>7</sup> Counts 10<sup>6</sup>  $10^{5}$ 20 10 30 40 0 50 60

THR Distribution of Anode: 34 (UART: 0 FEB: 1 CHIP: 4 CHANNEL: 7) 10<sup>7</sup> Counts 10<sup>6</sup>  $10^{5}$ 20 10 30 0 40 50 60 THR Steps (0-63)

THR Distribution of Anode: 35 (UART: 0 FEB: 1 CHIP: 5 CHANNEL: 0) 10<sup>7</sup> Counts 10<sup>6</sup>  $10^{5}$ 10 20 30 0 40 50 60 THR Steps (0-63)

THR Distribution of Anode: 36 (UART: 0 FEB: 1 CHIP: 5 CHANNEL: 2) 10<sup>7</sup> Counts 10<sup>6</sup> 10<sup>5</sup> 10 20 30 0 40 50 60

THR Distribution of Anode: 37 (UART: 0 FEB: 0 CHIP: 4 CHANNEL: 5) 10<sup>7</sup> Counts 10<sup>6</sup> 10<sup>5</sup> 20 10 30 0 40 50 60 THR Steps (0-63)

THR Distribution of Anode: 38 (UART: 0 FEB: 0 CHIP: 4 CHANNEL: 7) 10<sup>7</sup> Counts 106. 10<sup>5</sup> 20 10 30 0 40 50 60 THR Steps (0-63)

THR Distribution of Anode: 39 (UART: 0 FEB: 0 CHIP: 5 CHANNEL: 0) 10<sup>7</sup> Counts 10<sup>6</sup> 10<sup>5</sup> 10 20 30 60 0 40 50 THR Steps (0-63)

THR Distribution of Anode: 40 (UART: 0 FEB: 0 CHIP: 5 CHANNEL: 2) 10<sup>7</sup> Counts 106. 10<sup>5</sup> 20

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THR Steps (0-63)

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60

10

0

THR Distribution of Anode: 41 (UART: 0 FEB: 1 CHIP: 4 CHANNEL: 1) 10<sup>7</sup> Counts 10<sup>e</sup> 10<sup>5</sup> 20 10 30 0 40 50 60

THR Distribution of Anode: 42 (UART: 0 FEB: 1 CHIP: 4 CHANNEL: 3) 10<sup>7</sup> Counts 10<sup>6</sup> 10<sup>5</sup> 20 10 30 0 40 50 60

THR Distribution of Anode: 43 (UART: 0 FEB: 1 CHIP: 5 CHANNEL: 4) 10<sup>7</sup> Counts 10<sup>6</sup> 10<sup>5</sup> 20 10 30 0 40 50 60 THR Steps (0-63)

THR Distribution of Anode: 44 (UART: 0 FEB: 1 CHIP: 5 CHANNEL: 6) 10<sup>7</sup> Counts 10<sup>6</sup> 10<sup>5</sup> 20 10 30 0 40 50 60

THR Distribution of Anode: 45 (UART: 0 FEB: 0 CHIP: 4 CHANNEL: 1) 10<sup>7</sup> Counts 10<sup>6</sup>  $10^{5}$ 10 20 30 0 40 50 60 THR Steps (0-63)

THR Distribution of Anode: 46 (UART: 0 FEB: 0 CHIP: 4 CHANNEL: 3) 10<sup>7</sup> Counts 10<sup>6</sup> 10<sup>5</sup> 10 20 30 0 40 50 60 THR Steps (0-63)

THR Distribution of Anode: 47 (UART: 0 FEB: 0 CHIP: 5 CHANNEL: 4) 10<sup>7</sup> Counts 10<sup>6</sup>  $10^{5}$ 20 10 30 0 40 50 60 THR Steps (0-63)

THR Distribution of Anode: 48 (UART: 0 FEB: 0 CHIP: 5 CHANNEL: 6) 10<sup>7</sup> Counts 106. 10<sup>5</sup> 20 10 30 40 0 50 60

THR Distribution of Anode: 49 (UART: 0 FEB: 1 CHIP: 6 CHANNEL: 6) 10<sup>7</sup> Counts 10<sup>6</sup> 10<sup>5</sup> 20 10 30 40 0 50 60

THR Distribution of Anode: 50 (UART: 0 FEB: 1 CHIP: 6 CHANNEL: 7) 10<sup>7</sup> Counts 10<sup>6</sup>  $10^{5}$ 20 10 30 40 0 50 60 THR Steps (0-63)

THR Distribution of Anode: 51 (UART: 0 FEB: 1 CHIP: 7 CHANNEL: 0) 10<sup>7</sup> Counts 10<sup>6</sup> 10<sup>5</sup> 20 10 30 0 40 50 60 THR Steps (0-63)

THR Distribution of Anode: 52 (UART: 0 FEB: 1 CHIP: 7 CHANNEL: 1) 10<sup>7</sup> Counts 10<sup>6</sup> 10<sup>5</sup> 20 10 30 0 40 50 60

THR Distribution of Anode: 53 (UART: 0 FEB: 0 CHIP: 6 CHANNEL: 6) 10<sup>7</sup> Counts 10<sup>6</sup> 10<sup>5</sup> 10 20 30 0 40 50 60 THR Steps (0-63)

THR Distribution of Anode: 54 (UART: 0 FEB: 0 CHIP: 6 CHANNEL: 7) 10<sup>7</sup> Counts 10<sup>6</sup> 10<sup>5</sup>

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THR Steps (0-63)

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0

THR Distribution of Anode: 55 (UART: 0 FEB: 0 CHIP: 7 CHANNEL: 0) 10<sup>7</sup> Counts 10<sup>6</sup> 10<sup>5</sup> 20 10 30 0 40 50 60 THR Steps (0-63)

THR Distribution of Anode: 56 (UART: 0 FEB: 0 CHIP: 7 CHANNEL: 1) 10<sup>7</sup> Counts 106. 10<sup>5</sup> 20 10 30 40 0 50 60

THR Distribution of Anode: 57 (UART: 0 FEB: 1 CHIP: 6 CHANNEL: 0) 10<sup>7</sup> Counts 10<sup>6</sup> 10<sup>5</sup> 10 20 30 40 0 50 60 THR Steps (0-63)

THR Distribution of Anode: 58 (UART: 0 FEB: 1 CHIP: 6 CHANNEL: 2) 10<sup>7</sup> Counts 10<sup>6</sup> 10<sup>5</sup> 20 10 30 40 0 50 60 THR Steps (0-63)

THR Distribution of Anode: 59 (UART: 0 FEB: 1 CHIP: 7 CHANNEL: 5) 10<sup>7</sup> Counts 10<sup>6</sup> 10<sup>5</sup> 20 10 30 40 0 50 60

THR Distribution of Anode: 60 (UART: 0 FEB: 1 CHIP: 7 CHANNEL: 7) 10<sup>7</sup> Counts 10<sup>e</sup> 10<sup>5</sup> 20 10 30 0 40 50 60 THR Steps (0-63)

THR Distribution of Anode: 61 (UART: 0 FEB: 0 CHIP: 6 CHANNEL: 0) 10<sup>7</sup> Counts 10<sup>e</sup> 10<sup>5</sup> 20 10 30 0 40 50 60 THR Steps (0-63)

THR Distribution of Anode: 62 (UART: 0 FEB: 0 CHIP: 6 CHANNEL: 2) 10<sup>7</sup> Counts 10<sup>6</sup> 10<sup>5</sup> 20 10 30 40 0 50 60

THR Distribution of Anode: 63 (UART: 0 FEB: 0 CHIP: 7 CHANNEL: 5) 10<sup>7</sup> Counts 10<sup>6</sup> 10<sup>5</sup> 20 10 30 0 40 50 60 THR Steps (0-63)

THR Distribution of Anode: 64 (UART: 0 FEB: 0 CHIP: 7 CHANNEL: 7) 10<sup>7</sup> Counts 10<sup>6</sup> 10<sup>5</sup> 10 20 30 0 40 50 60 THR Steps (0-63)