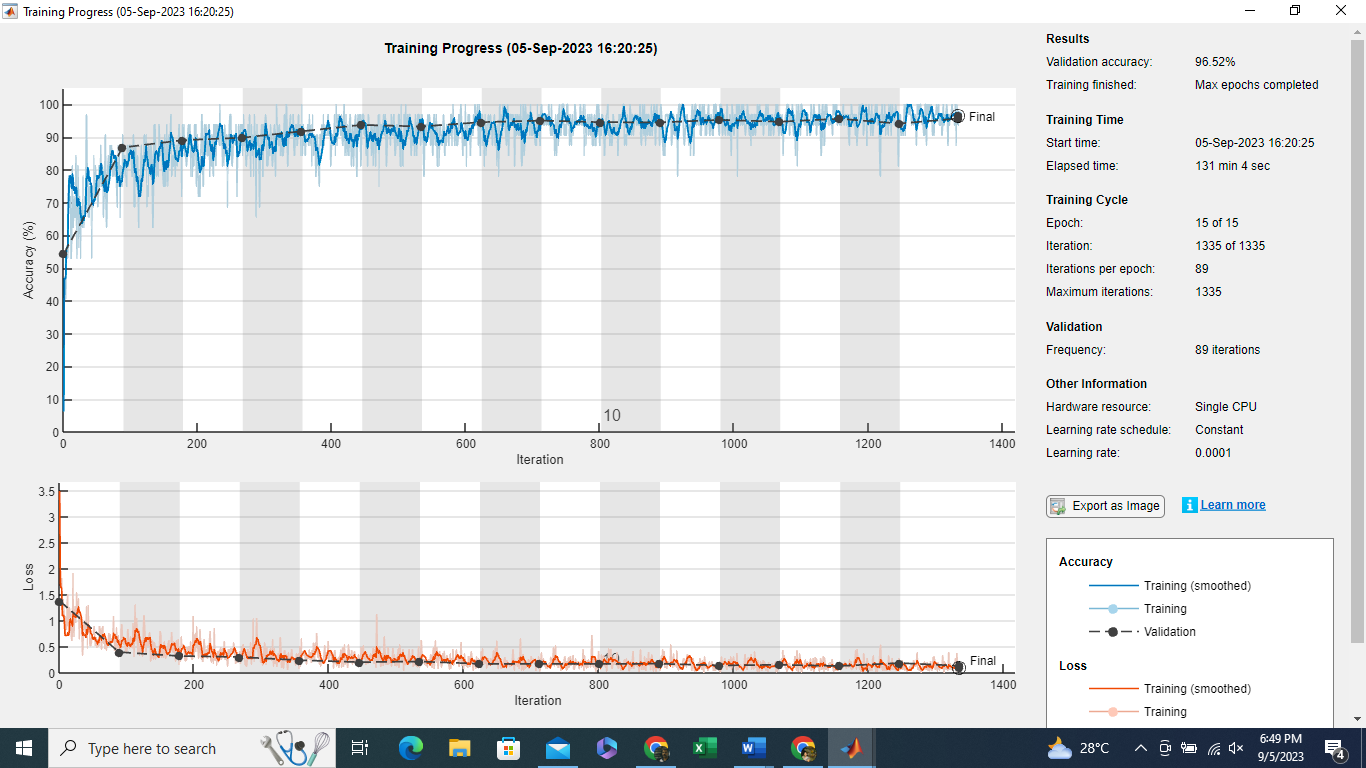
**7K- Database**



Training on single CPU.

Initializing input data normalization.

|======================================================================================================================|

| Epoch | Iteration | Time Elapsed | Mini-batch | Validation | Mini-batch | Validation | Base Learning |

| | | (hh:mm:ss) | Accuracy | Accuracy | Loss | Loss | Rate |

|======================================================================================================================|

| 1 | 1 | 00:01:16 | 6.25% | 54.39% | 3.4967 | 1.3839 | 1.0000e-04 |

| 1 | 50 | 00:04:59 | 78.12% | | 0.7333 | | 1.0000e-04 |

| 1 | 89 | 00:09:17 | 90.62% | 86.84% | 0.3361 | 0.4015 | 1.0000e-04 |

| 2 | 100 | 00:10:10 | 87.50% | | 0.3944 | | 1.0000e-04 |

| 2 | 150 | 00:14:09 | 75.00% | | 0.7910 | | 1.0000e-04 |

| 2 | 178 | 00:17:30 | 93.75% | 89.07% | 0.1639 | 0.3268 | 1.0000e-04 |

| 3 | 200 | 00:19:16 | 90.62% | | 0.3397 | | 1.0000e-04 |

| 3 | 250 | 00:23:28 | 96.88% | | 0.1282 | | 1.0000e-04 |

| 3 | 267 | 00:26:02 | 93.75% | 89.83% | 0.2656 | 0.3073 | 1.0000e-04 |

| 4 | 300 | 00:28:44 | 90.62% | | 0.2062 | | 1.0000e-04 |

| 4 | 350 | 00:32:48 | 90.62% | | 0.2050 | | 1.0000e-04 |

| 4 | 356 | 00:34:27 | 100.00% | 91.78% | 0.0930 | 0.2470 | 1.0000e-04 |

| 5 | 400 | 00:38:03 | 87.50% | | 0.2427 | | 1.0000e-04 |

| 5 | 445 | 00:42:52 | 93.75% | 93.73% | 0.2314 | 0.2087 | 1.0000e-04 |

| 6 | 450 | 00:43:17 | 90.62% | | 0.4283 | | 1.0000e-04 |

| 6 | 500 | 00:47:23 | 96.88% | | 0.2845 | | 1.0000e-04 |

| 6 | 534 | 00:51:20 | 93.75% | 93.25% | 0.2080 | 0.2210 | 1.0000e-04 |

| 7 | 550 | 00:52:39 | 93.75% | | 0.1959 | | 1.0000e-04 |

| 7 | 600 | 00:56:50 | 100.00% | | 0.0827 | | 1.0000e-04 |

| 7 | 623 | 01:00:00 | 96.88% | 94.57% | 0.1096 | 0.1780 | 1.0000e-04 |

| 8 | 650 | 01:02:20 | 90.62% | | 0.3109 | | 1.0000e-04 |

| 8 | 700 | 01:06:39 | 90.62% | | 0.3155 | | 1.0000e-04 |

| 8 | 712 | 01:08:53 | 96.88% | 95.06% | 0.1653 | 0.1753 | 1.0000e-04 |

| 9 | 750 | 01:12:03 | 90.62% | | 0.3129 | | 1.0000e-04 |

| 9 | 800 | 01:16:13 | 87.50% | | 0.4132 | | 1.0000e-04 |

| 9 | 801 | 01:17:28 | 93.75% | 94.57% | 0.1305 | 0.1755 | 1.0000e-04 |

| 10 | 850 | 01:21:30 | 90.62% | | 0.2472 | | 1.0000e-04 |

| 10 | 890 | 01:25:56 | 93.75% | 94.50% | 0.1446 | 0.1788 | 1.0000e-04 |

| 11 | 900 | 01:26:48 | 96.88% | | 0.1302 | | 1.0000e-04 |

| 11 | 950 | 01:31:01 | 90.62% | | 0.2802 | | 1.0000e-04 |

| 11 | 979 | 01:34:38 | 100.00% | 95.26% | 0.0754 | 0.1459 | 1.0000e-04 |

| 12 | 1000 | 01:36:30 | 90.62% | | 0.3022 | | 1.0000e-04 |

| 12 | 1050 | 01:41:13 | 96.88% | | 0.1107 | | 1.0000e-04 |

| 12 | 1068 | 01:44:00 | 93.75% | 94.71% | 0.1178 | 0.1571 | 1.0000e-04 |

| 13 | 1100 | 01:46:43 | 100.00% | | 0.0549 | | 1.0000e-04 |

| 13 | 1150 | 01:51:00 | 96.88% | | 0.0697 | | 1.0000e-04 |

| 13 | 1157 | 01:52:44 | 96.88% | 95.61% | 0.1420 | 0.1348 | 1.0000e-04 |

| 14 | 1200 | 01:56:18 | 93.75% | | 0.1252 | | 1.0000e-04 |

| 14 | 1246 | 02:01:19 | 93.75% | 94.15% | 0.1085 | 0.1918 | 1.0000e-04 |

| 15 | 1250 | 02:01:39 | 93.75% | | 0.2350 | | 1.0000e-04 |

| 15 | 1300 | 02:05:49 | 96.88% | | 0.0796 | | 1.0000e-04 |

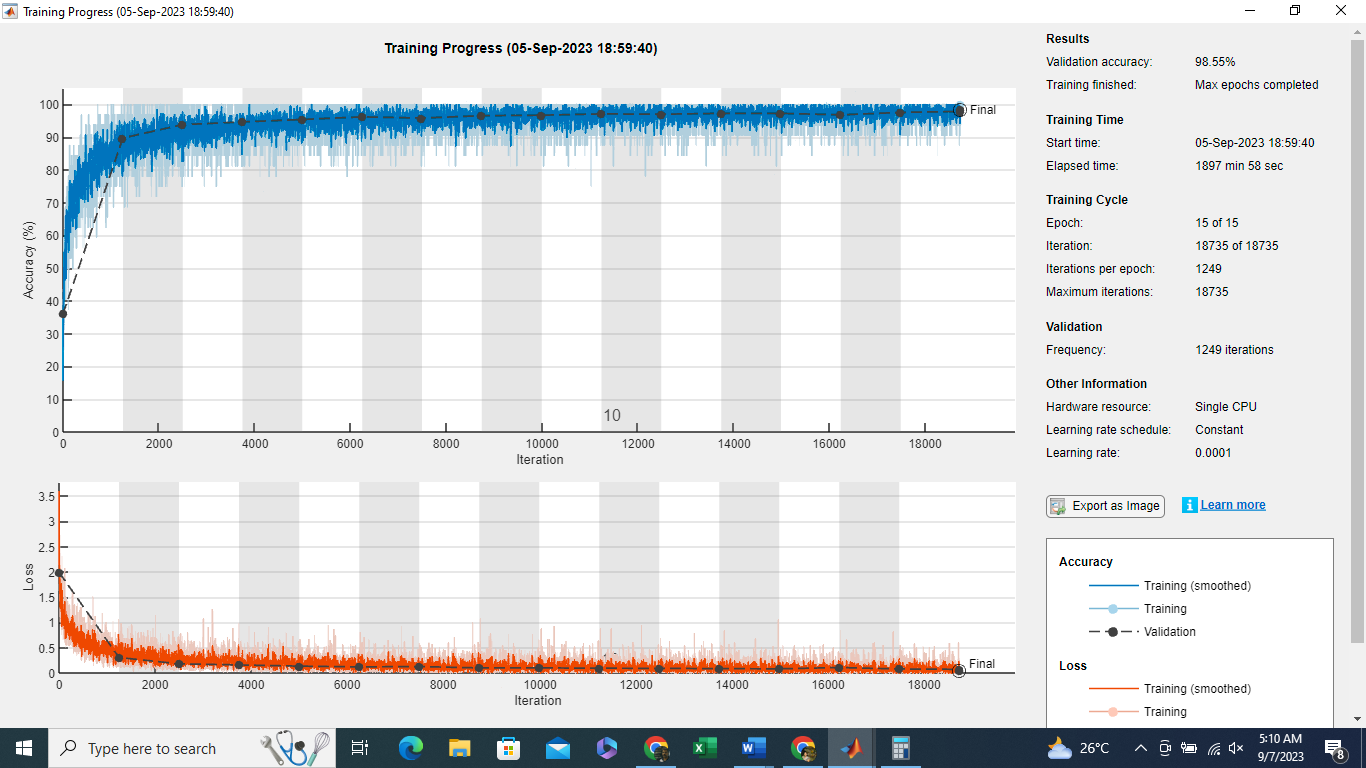
| 15 | 1335 | 02:09:58 | 96.88% | 95.68% | 0.1029 | 0.1382 | 1.0000e-04 |

|======================================================================================================================|

Training finished: Max epochs completed.

>>

100k



Training on single CPU.

Initializing input data normalization.

|======================================================================================================================|

| Epoch | Iteration | Time Elapsed | Mini-batch | Validation | Mini-batch | Validation | Base Learning |

| | | (hh:mm:ss) | Accuracy | Accuracy | Loss | Loss | Rate |

|======================================================================================================================|

| 1 | 1 | 00:18:39 | 15.62% | 36.03% | 3.5961 | 1.9922 | 1.0000e-04 |

| 1 | 50 | 00:22:55 | 59.38% | | 0.7638 | | 1.0000e-04 |

| 1 | 100 | 00:27:14 | 65.62% | | 1.0646 | | 1.0000e-04 |

| 1 | 150 | 00:31:32 | 81.25% | | 0.6327 | | 1.0000e-04 |

| 1 | 200 | 00:35:57 | 65.62% | | 1.0451 | | 1.0000e-04 |

| 1 | 250 | 00:40:18 | 68.75% | | 0.9134 | | 1.0000e-04 |

| 1 | 300 | 00:44:40 | 62.50% | | 0.8985 | | 1.0000e-04 |

| 1 | 350 | 00:48:57 | 78.12% | | 0.5782 | | 1.0000e-04 |

| 1 | 400 | 00:53:15 | 75.00% | | 0.6994 | | 1.0000e-04 |

| 1 | 450 | 00:57:33 | 81.25% | | 0.6588 | | 1.0000e-04 |

| 1 | 500 | 01:01:53 | 81.25% | | 0.6260 | | 1.0000e-04 |

| 1 | 550 | 01:06:14 | 84.38% | | 0.4381 | | 1.0000e-04 |

| 1 | 600 | 01:10:35 | 71.88% | | 0.6485 | | 1.0000e-04 |

| 1 | 650 | 01:14:56 | 93.75% | | 0.2669 | | 1.0000e-04 |

| 1 | 700 | 01:19:19 | 75.00% | | 0.6110 | | 1.0000e-04 |

| 1 | 750 | 01:23:41 | 81.25% | | 0.4718 | | 1.0000e-04 |

| 1 | 800 | 01:28:06 | 93.75% | | 0.2104 | | 1.0000e-04 |

| 1 | 850 | 01:32:30 | 78.12% | | 0.4773 | | 1.0000e-04 |

| 1 | 900 | 01:36:48 | 96.88% | | 0.2010 | | 1.0000e-04 |

| 1 | 950 | 01:41:20 | 96.88% | | 0.2227 | | 1.0000e-04 |

| 1 | 1000 | 01:45:43 | 75.00% | | 0.5233 | | 1.0000e-04 |

| 1 | 1050 | 01:49:58 | 81.25% | | 0.6009 | | 1.0000e-04 |

| 1 | 1100 | 01:54:29 | 87.50% | | 0.4234 | | 1.0000e-04 |

| 1 | 1150 | 01:59:19 | 87.50% | | 0.3215 | | 1.0000e-04 |

| 1 | 1200 | 02:04:42 | 81.25% | | 0.3892 | | 1.0000e-04 |

| 1 | 1249 | 02:30:21 | 93.75% | 89.74% | 0.3715 | 0.3059 | 1.0000e-04 |

| 2 | 1250 | 02:30:31 | 87.50% | | 0.2197 | | 1.0000e-04 |

| 2 | 1300 | 02:35:03 | 84.38% | | 0.6599 | | 1.0000e-04 |

| 2 | 1350 | 02:39:23 | 84.38% | | 0.2694 | | 1.0000e-04 |

| 2 | 1400 | 02:43:43 | 96.88% | | 0.1902 | | 1.0000e-04 |

| 2 | 1450 | 02:48:00 | 90.62% | | 0.2443 | | 1.0000e-04 |

| 2 | 1500 | 02:52:18 | 93.75% | | 0.1726 | | 1.0000e-04 |

| 2 | 1550 | 02:56:36 | 87.50% | | 0.4089 | | 1.0000e-04 |

| 2 | 1600 | 03:00:54 | 90.62% | | 0.2869 | | 1.0000e-04 |

| 2 | 1650 | 03:05:10 | 90.62% | | 0.1911 | | 1.0000e-04 |

| 2 | 1700 | 03:09:30 | 90.62% | | 0.5096 | | 1.0000e-04 |

| 2 | 1750 | 03:13:50 | 84.38% | | 0.4361 | | 1.0000e-04 |

| 2 | 1800 | 03:18:09 | 90.62% | | 0.4588 | | 1.0000e-04 |

| 2 | 1850 | 03:22:28 | 84.38% | | 0.6600 | | 1.0000e-04 |

| 2 | 1900 | 03:26:48 | 93.75% | | 0.3188 | | 1.0000e-04 |

| 2 | 1950 | 03:31:05 | 71.88% | | 0.8806 | | 1.0000e-04 |

| 2 | 2000 | 03:35:23 | 90.62% | | 0.5743 | | 1.0000e-04 |

| 2 | 2050 | 03:39:41 | 87.50% | | 0.3224 | | 1.0000e-04 |

| 2 | 2100 | 03:44:04 | 100.00% | | 0.1329 | | 1.0000e-04 |

| 2 | 2150 | 03:48:23 | 87.50% | | 0.2752 | | 1.0000e-04 |

| 2 | 2200 | 03:52:43 | 78.12% | | 0.5570 | | 1.0000e-04 |

| 2 | 2250 | 03:57:03 | 96.88% | | 0.2660 | | 1.0000e-04 |

| 2 | 2300 | 04:01:24 | 84.38% | | 0.4263 | | 1.0000e-04 |

| 2 | 2350 | 04:05:44 | 87.50% | | 0.4720 | | 1.0000e-04 |

| 2 | 2400 | 04:10:01 | 81.25% | | 0.7051 | | 1.0000e-04 |

| 2 | 2450 | 04:14:17 | 87.50% | | 0.3772 | | 1.0000e-04 |

| 2 | 2498 | 04:36:35 | 90.62% | 93.81% | 0.2593 | 0.1812 | 1.0000e-04 |

| 3 | 2500 | 04:36:46 | 96.88% | | 0.0716 | | 1.0000e-04 |

| 3 | 2550 | 04:41:02 | 93.75% | | 0.1715 | | 1.0000e-04 |

| 3 | 2600 | 04:45:23 | 100.00% | | 0.0869 | | 1.0000e-04 |

| 3 | 2650 | 04:49:41 | 90.62% | | 0.4368 | | 1.0000e-04 |

| 3 | 2700 | 04:53:56 | 87.50% | | 0.2889 | | 1.0000e-04 |

| 3 | 2750 | 04:58:11 | 90.62% | | 0.1791 | | 1.0000e-04 |

| 3 | 2800 | 05:02:28 | 90.62% | | 0.1926 | | 1.0000e-04 |

| 3 | 2850 | 05:06:46 | 90.62% | | 0.4792 | | 1.0000e-04 |

| 3 | 2900 | 05:11:03 | 96.88% | | 0.0964 | | 1.0000e-04 |

| 3 | 2950 | 05:15:20 | 96.88% | | 0.1469 | | 1.0000e-04 |

| 3 | 3000 | 05:19:33 | 90.62% | | 0.2706 | | 1.0000e-04 |

| 3 | 3050 | 05:23:49 | 93.75% | | 0.2951 | | 1.0000e-04 |

| 3 | 3100 | 05:28:06 | 96.88% | | 0.2063 | | 1.0000e-04 |

| 3 | 3150 | 05:32:22 | 90.62% | | 0.3223 | | 1.0000e-04 |

| 3 | 3200 | 05:36:38 | 87.50% | | 0.3040 | | 1.0000e-04 |

| 3 | 3250 | 05:40:56 | 87.50% | | 0.2514 | | 1.0000e-04 |

| 3 | 3300 | 05:45:14 | 90.62% | | 0.3608 | | 1.0000e-04 |

| 3 | 3350 | 05:49:28 | 100.00% | | 0.0657 | | 1.0000e-04 |

| 3 | 3400 | 05:53:46 | 96.88% | | 0.0835 | | 1.0000e-04 |

| 3 | 3450 | 05:58:04 | 87.50% | | 0.3307 | | 1.0000e-04 |

| 3 | 3500 | 06:02:22 | 90.62% | | 0.4222 | | 1.0000e-04 |

| 3 | 3550 | 06:06:41 | 90.62% | | 0.3060 | | 1.0000e-04 |

| 3 | 3600 | 06:10:58 | 93.75% | | 0.2877 | | 1.0000e-04 |

| 3 | 3650 | 06:15:14 | 93.75% | | 0.1186 | | 1.0000e-04 |

| 3 | 3700 | 06:19:30 | 96.88% | | 0.1844 | | 1.0000e-04 |

| 3 | 3747 | 06:41:46 | 90.62% | 94.65% | 0.2024 | 0.1599 | 1.0000e-04 |

| 4 | 3750 | 06:42:02 | 96.88% | | 0.1339 | | 1.0000e-04 |

| 4 | 3800 | 06:46:20 | 93.75% | | 0.1478 | | 1.0000e-04 |

| 4 | 3850 | 06:50:39 | 100.00% | | 0.0922 | | 1.0000e-04 |

| 4 | 3900 | 06:55:03 | 84.38% | | 0.3524 | | 1.0000e-04 |

| 4 | 3950 | 06:59:21 | 87.50% | | 0.2107 | | 1.0000e-04 |

| 4 | 4000 | 07:03:43 | 96.88% | | 0.0957 | | 1.0000e-04 |

| 4 | 4050 | 07:08:01 | 84.38% | | 0.4295 | | 1.0000e-04 |

| 4 | 4100 | 07:12:17 | 93.75% | | 0.1448 | | 1.0000e-04 |

| 4 | 4150 | 07:16:33 | 96.88% | | 0.0763 | | 1.0000e-04 |

| 4 | 4200 | 07:20:50 | 93.75% | | 0.0913 | | 1.0000e-04 |

| 4 | 4250 | 07:25:07 | 96.88% | | 0.2772 | | 1.0000e-04 |

| 4 | 4300 | 07:29:27 | 96.88% | | 0.0834 | | 1.0000e-04 |

| 4 | 4350 | 07:33:48 | 93.75% | | 0.2405 | | 1.0000e-04 |

| 4 | 4400 | 07:38:12 | 87.50% | | 0.2476 | | 1.0000e-04 |

| 4 | 4450 | 07:42:28 | 96.88% | | 0.0656 | | 1.0000e-04 |

| 4 | 4500 | 07:46:44 | 90.62% | | 0.2122 | | 1.0000e-04 |

| 4 | 4550 | 07:51:03 | 96.88% | | 0.2486 | | 1.0000e-04 |

| 4 | 4600 | 07:55:20 | 96.88% | | 0.0610 | | 1.0000e-04 |

| 4 | 4650 | 07:59:37 | 93.75% | | 0.1615 | | 1.0000e-04 |

| 4 | 4700 | 08:03:53 | 93.75% | | 0.2007 | | 1.0000e-04 |

| 4 | 4750 | 08:08:13 | 96.88% | | 0.1352 | | 1.0000e-04 |

| 4 | 4800 | 08:12:34 | 96.88% | | 0.0929 | | 1.0000e-04 |

| 4 | 4850 | 08:16:54 | 96.88% | | 0.1355 | | 1.0000e-04 |

| 4 | 4900 | 08:21:16 | 87.50% | | 0.2128 | | 1.0000e-04 |

| 4 | 4950 | 08:25:36 | 100.00% | | 0.0308 | | 1.0000e-04 |

| 4 | 4996 | 08:47:51 | 87.50% | 95.39% | 0.3335 | 0.1359 | 1.0000e-04 |

| 5 | 5000 | 08:48:12 | 96.88% | | 0.2672 | | 1.0000e-04 |

| 5 | 5050 | 08:52:32 | 90.62% | | 0.2188 | | 1.0000e-04 |

| 5 | 5100 | 08:56:54 | 96.88% | | 0.0636 | | 1.0000e-04 |

| 5 | 5150 | 09:01:16 | 93.75% | | 0.2973 | | 1.0000e-04 |

| 5 | 5200 | 09:05:35 | 93.75% | | 0.2492 | | 1.0000e-04 |

| 5 | 5250 | 09:09:56 | 96.88% | | 0.1194 | | 1.0000e-04 |

| 5 | 5300 | 09:14:19 | 93.75% | | 0.1648 | | 1.0000e-04 |

| 5 | 5350 | 09:18:37 | 87.50% | | 0.2315 | | 1.0000e-04 |

| 5 | 5400 | 09:22:55 | 96.88% | | 0.1054 | | 1.0000e-04 |

| 5 | 5450 | 09:27:15 | 90.62% | | 0.2320 | | 1.0000e-04 |

| 5 | 5500 | 09:31:37 | 90.62% | | 0.4444 | | 1.0000e-04 |

| 5 | 5550 | 09:36:01 | 93.75% | | 0.1830 | | 1.0000e-04 |

| 5 | 5600 | 09:40:23 | 81.25% | | 0.3458 | | 1.0000e-04 |

| 5 | 5650 | 09:45:01 | 90.62% | | 0.2888 | | 1.0000e-04 |

| 5 | 5700 | 09:49:21 | 81.25% | | 0.5433 | | 1.0000e-04 |

| 5 | 5750 | 09:53:43 | 100.00% | | 0.0638 | | 1.0000e-04 |

| 5 | 5800 | 09:58:06 | 93.75% | | 0.1481 | | 1.0000e-04 |

| 5 | 5850 | 10:02:33 | 96.88% | | 0.1184 | | 1.0000e-04 |

| 5 | 5900 | 10:06:54 | 90.62% | | 0.3256 | | 1.0000e-04 |

| 5 | 5950 | 10:11:10 | 93.75% | | 0.1493 | | 1.0000e-04 |

| 5 | 6000 | 10:15:29 | 96.88% | | 0.0874 | | 1.0000e-04 |

| 5 | 6050 | 10:19:48 | 81.25% | | 0.3707 | | 1.0000e-04 |

| 5 | 6100 | 10:24:05 | 90.62% | | 0.2957 | | 1.0000e-04 |

| 5 | 6150 | 10:28:26 | 96.88% | | 0.0799 | | 1.0000e-04 |

| 5 | 6200 | 10:32:45 | 90.62% | | 0.3858 | | 1.0000e-04 |

| 5 | 6245 | 10:55:22 | 84.38% | 96.20% | 0.3656 | 0.1205 | 1.0000e-04 |

| 6 | 6250 | 10:55:49 | 96.88% | | 0.0861 | | 1.0000e-04 |

| 6 | 6300 | 11:00:14 | 100.00% | | 0.0736 | | 1.0000e-04 |

| 6 | 6350 | 11:04:36 | 87.50% | | 0.7038 | | 1.0000e-04 |

| 6 | 6400 | 11:09:00 | 93.75% | | 0.2745 | | 1.0000e-04 |

| 6 | 6450 | 11:13:21 | 90.62% | | 0.4161 | | 1.0000e-04 |

| 6 | 6500 | 11:17:40 | 100.00% | | 0.0417 | | 1.0000e-04 |

| 6 | 6550 | 11:21:57 | 96.88% | | 0.0534 | | 1.0000e-04 |

| 6 | 6600 | 11:26:17 | 84.38% | | 0.2739 | | 1.0000e-04 |

| 6 | 6650 | 11:30:41 | 90.62% | | 0.2597 | | 1.0000e-04 |

| 6 | 6700 | 11:35:02 | 84.38% | | 0.2917 | | 1.0000e-04 |

| 6 | 6750 | 11:39:22 | 96.88% | | 0.2584 | | 1.0000e-04 |

| 6 | 6800 | 11:43:41 | 93.75% | | 0.2312 | | 1.0000e-04 |

| 6 | 6850 | 11:47:59 | 100.00% | | 0.0227 | | 1.0000e-04 |

| 6 | 6900 | 11:52:18 | 93.75% | | 0.2704 | | 1.0000e-04 |

| 6 | 6950 | 11:56:44 | 96.88% | | 0.1901 | | 1.0000e-04 |

| 6 | 7000 | 12:01:06 | 93.75% | | 0.1237 | | 1.0000e-04 |

| 6 | 7050 | 12:05:27 | 90.62% | | 0.2867 | | 1.0000e-04 |

| 6 | 7100 | 12:09:45 | 96.88% | | 0.0946 | | 1.0000e-04 |

| 6 | 7150 | 12:14:03 | 93.75% | | 0.2163 | | 1.0000e-04 |

| 6 | 7200 | 12:18:24 | 90.62% | | 0.2662 | | 1.0000e-04 |

| 6 | 7250 | 12:22:45 | 100.00% | | 0.0531 | | 1.0000e-04 |

| 6 | 7300 | 12:27:11 | 100.00% | | 0.0600 | | 1.0000e-04 |

| 6 | 7350 | 12:31:35 | 93.75% | | 0.1275 | | 1.0000e-04 |

| 6 | 7400 | 12:35:59 | 93.75% | | 0.2013 | | 1.0000e-04 |

| 6 | 7450 | 12:40:20 | 100.00% | | 0.0332 | | 1.0000e-04 |

| 6 | 7494 | 13:02:58 | 96.88% | 95.82% | 0.0900 | 0.1280 | 1.0000e-04 |

| 7 | 7500 | 13:03:33 | 96.88% | | 0.1864 | | 1.0000e-04 |

| 7 | 7550 | 13:08:02 | 96.88% | | 0.0540 | | 1.0000e-04 |

| 7 | 7600 | 13:12:25 | 96.88% | | 0.1249 | | 1.0000e-04 |

| 7 | 7650 | 13:16:49 | 96.88% | | 0.0897 | | 1.0000e-04 |

| 7 | 7700 | 13:21:14 | 96.88% | | 0.0944 | | 1.0000e-04 |

| 7 | 7750 | 13:25:40 | 96.88% | | 0.0899 | | 1.0000e-04 |

| 7 | 7800 | 13:30:07 | 100.00% | | 0.0276 | | 1.0000e-04 |

| 7 | 7850 | 13:35:00 | 96.88% | | 0.2413 | | 1.0000e-04 |

| 7 | 7900 | 13:39:26 | 100.00% | | 0.0278 | | 1.0000e-04 |

| 7 | 7950 | 13:43:48 | 100.00% | | 0.0575 | | 1.0000e-04 |

| 7 | 8000 | 13:48:10 | 93.75% | | 0.0939 | | 1.0000e-04 |

| 7 | 8050 | 13:52:32 | 100.00% | | 0.0592 | | 1.0000e-04 |

| 7 | 8100 | 13:56:53 | 96.88% | | 0.1448 | | 1.0000e-04 |

| 7 | 8150 | 14:01:14 | 90.62% | | 0.1722 | | 1.0000e-04 |

| 7 | 8200 | 14:05:37 | 90.62% | | 0.3723 | | 1.0000e-04 |

| 7 | 8250 | 14:09:58 | 90.62% | | 0.2576 | | 1.0000e-04 |

| 7 | 8300 | 14:14:19 | 100.00% | | 0.0587 | | 1.0000e-04 |

| 7 | 8350 | 14:18:40 | 93.75% | | 0.1718 | | 1.0000e-04 |

| 7 | 8400 | 14:23:35 | 93.75% | | 0.1118 | | 1.0000e-04 |

| 7 | 8450 | 14:28:42 | 96.88% | | 0.1396 | | 1.0000e-04 |

| 7 | 8500 | 14:33:48 | 93.75% | | 0.3127 | | 1.0000e-04 |

| 7 | 8550 | 14:38:45 | 100.00% | | 0.0318 | | 1.0000e-04 |

| 7 | 8600 | 14:43:20 | 96.88% | | 0.0597 | | 1.0000e-04 |

| 7 | 8650 | 14:47:54 | 96.88% | | 0.0410 | | 1.0000e-04 |

| 7 | 8700 | 14:52:41 | 96.88% | | 0.0492 | | 1.0000e-04 |

| 7 | 8743 | 15:15:56 | 96.88% | 96.56% | 0.1004 | 0.1005 | 1.0000e-04 |

| 8 | 8750 | 15:16:34 | 100.00% | | 0.0431 | | 1.0000e-04 |

| 8 | 8800 | 15:20:58 | 93.75% | | 0.1672 | | 1.0000e-04 |

| 8 | 8850 | 15:25:30 | 100.00% | | 0.0263 | | 1.0000e-04 |

| 8 | 8900 | 15:29:50 | 90.62% | | 0.4831 | | 1.0000e-04 |

| 8 | 8950 | 15:33:54 | 96.88% | | 0.0881 | | 1.0000e-04 |

| 8 | 9000 | 15:37:58 | 96.88% | | 0.2129 | | 1.0000e-04 |

| 8 | 9050 | 15:42:02 | 90.62% | | 0.1153 | | 1.0000e-04 |

| 8 | 9100 | 15:46:08 | 96.88% | | 0.0677 | | 1.0000e-04 |

| 8 | 9150 | 15:50:12 | 100.00% | | 0.0408 | | 1.0000e-04 |

| 8 | 9200 | 15:54:18 | 96.88% | | 0.1281 | | 1.0000e-04 |

| 8 | 9250 | 15:58:25 | 96.88% | | 0.1631 | | 1.0000e-04 |

| 8 | 9300 | 16:02:31 | 96.88% | | 0.1037 | | 1.0000e-04 |

| 8 | 9350 | 16:06:40 | 93.75% | | 0.3205 | | 1.0000e-04 |

| 8 | 9400 | 16:10:48 | 96.88% | | 0.1561 | | 1.0000e-04 |

| 8 | 9450 | 16:14:56 | 93.75% | | 0.1248 | | 1.0000e-04 |

| 8 | 9500 | 16:19:03 | 96.88% | | 0.1060 | | 1.0000e-04 |

| 8 | 9550 | 16:23:35 | 96.88% | | 0.0810 | | 1.0000e-04 |

| 8 | 9600 | 16:27:56 | 96.88% | | 0.1518 | | 1.0000e-04 |

| 8 | 9650 | 16:32:13 | 93.75% | | 0.1208 | | 1.0000e-04 |

| 8 | 9700 | 16:36:22 | 93.75% | | 0.1777 | | 1.0000e-04 |

| 8 | 9750 | 16:40:30 | 100.00% | | 0.0174 | | 1.0000e-04 |

| 8 | 9800 | 16:44:39 | 96.88% | | 0.1294 | | 1.0000e-04 |

| 8 | 9850 | 16:48:46 | 87.50% | | 0.5838 | | 1.0000e-04 |

| 8 | 9900 | 16:52:54 | 96.88% | | 0.2298 | | 1.0000e-04 |

| 8 | 9950 | 16:57:01 | 93.75% | | 0.1834 | | 1.0000e-04 |

| 8 | 9992 | 17:18:07 | 90.62% | 96.70% | 0.1278 | 0.1015 | 1.0000e-04 |

| 9 | 10000 | 17:18:46 | 96.88% | | 0.0764 | | 1.0000e-04 |

| 9 | 10050 | 17:22:54 | 90.62% | | 0.2237 | | 1.0000e-04 |

| 9 | 10100 | 17:27:11 | 96.88% | | 0.0487 | | 1.0000e-04 |

| 9 | 10150 | 17:31:27 | 96.88% | | 0.1303 | | 1.0000e-04 |

| 9 | 10200 | 17:35:38 | 96.88% | | 0.1085 | | 1.0000e-04 |

| 9 | 10250 | 17:39:51 | 100.00% | | 0.0454 | | 1.0000e-04 |

| 9 | 10300 | 17:44:07 | 96.88% | | 0.0492 | | 1.0000e-04 |

| 9 | 10350 | 17:48:16 | 93.75% | | 0.1774 | | 1.0000e-04 |

| 9 | 10400 | 17:52:24 | 96.88% | | 0.0762 | | 1.0000e-04 |

| 9 | 10450 | 17:56:38 | 93.75% | | 0.1695 | | 1.0000e-04 |

| 9 | 10500 | 18:00:55 | 93.75% | | 0.3101 | | 1.0000e-04 |

| 9 | 10550 | 18:05:12 | 81.25% | | 0.6168 | | 1.0000e-04 |

| 9 | 10600 | 18:09:24 | 87.50% | | 0.4569 | | 1.0000e-04 |

| 9 | 10650 | 18:13:37 | 93.75% | | 0.1338 | | 1.0000e-04 |

| 9 | 10700 | 18:17:49 | 100.00% | | 0.0338 | | 1.0000e-04 |

| 9 | 10750 | 18:21:59 | 93.75% | | 0.1110 | | 1.0000e-04 |

| 9 | 10800 | 18:26:11 | 100.00% | | 0.0539 | | 1.0000e-04 |

| 9 | 10850 | 18:30:23 | 96.88% | | 0.0442 | | 1.0000e-04 |

| 9 | 10900 | 18:34:39 | 96.88% | | 0.1221 | | 1.0000e-04 |

| 9 | 10950 | 18:38:50 | 100.00% | | 0.0120 | | 1.0000e-04 |

| 9 | 11000 | 18:43:00 | 96.88% | | 0.1107 | | 1.0000e-04 |

| 9 | 11050 | 18:47:25 | 96.88% | | 0.1005 | | 1.0000e-04 |

| 9 | 11100 | 18:52:04 | 93.75% | | 0.3026 | | 1.0000e-04 |

| 9 | 11150 | 18:56:13 | 93.75% | | 0.2072 | | 1.0000e-04 |

| 9 | 11200 | 19:00:23 | 93.75% | | 0.1024 | | 1.0000e-04 |

| 9 | 11241 | 19:21:24 | 93.75% | 97.10% | 0.2378 | 0.0948 | 1.0000e-04 |

| 10 | 11250 | 19:22:09 | 90.62% | | 0.2289 | | 1.0000e-04 |

| 10 | 11300 | 19:26:16 | 100.00% | | 0.0055 | | 1.0000e-04 |

| 10 | 11350 | 19:30:24 | 100.00% | | 0.0235 | | 1.0000e-04 |

| 10 | 11400 | 19:34:32 | 100.00% | | 0.0250 | | 1.0000e-04 |

| 10 | 11450 | 19:38:39 | 93.75% | | 0.1425 | | 1.0000e-04 |

| 10 | 11500 | 19:42:47 | 96.88% | | 0.0935 | | 1.0000e-04 |

| 10 | 11550 | 19:46:55 | 96.88% | | 0.0435 | | 1.0000e-04 |

| 10 | 11600 | 19:51:02 | 93.75% | | 0.2457 | | 1.0000e-04 |

| 10 | 11650 | 19:55:09 | 100.00% | | 0.0469 | | 1.0000e-04 |

| 10 | 11700 | 19:59:29 | 93.75% | | 0.1153 | | 1.0000e-04 |

| 10 | 11750 | 20:03:47 | 96.88% | | 0.1114 | | 1.0000e-04 |

| 10 | 11800 | 20:08:03 | 96.88% | | 0.0806 | | 1.0000e-04 |

| 10 | 11850 | 20:12:49 | 93.75% | | 0.3039 | | 1.0000e-04 |

| 10 | 11900 | 20:17:55 | 96.88% | | 0.0707 | | 1.0000e-04 |

| 10 | 11950 | 20:22:20 | 100.00% | | 0.0517 | | 1.0000e-04 |

| 10 | 12000 | 20:27:12 | 96.88% | | 0.0576 | | 1.0000e-04 |

| 10 | 12050 | 20:31:49 | 96.88% | | 0.0955 | | 1.0000e-04 |

| 10 | 12100 | 20:36:32 | 100.00% | | 0.0270 | | 1.0000e-04 |

| 10 | 12150 | 20:41:22 | 100.00% | | 0.0510 | | 1.0000e-04 |

| 10 | 12200 | 20:46:14 | 90.62% | | 0.2632 | | 1.0000e-04 |

| 10 | 12250 | 20:51:06 | 100.00% | | 0.0386 | | 1.0000e-04 |

| 10 | 12300 | 20:56:07 | 96.88% | | 0.1012 | | 1.0000e-04 |

| 10 | 12350 | 21:01:05 | 96.88% | | 0.1416 | | 1.0000e-04 |

| 10 | 12400 | 21:05:36 | 93.75% | | 0.1390 | | 1.0000e-04 |

| 10 | 12450 | 21:09:57 | 93.75% | | 0.1350 | | 1.0000e-04 |

| 10 | 12490 | 21:31:58 | 100.00% | 97.00% | 0.0552 | 0.0926 | 1.0000e-04 |

| 11 | 12500 | 21:32:56 | 96.88% | | 0.0878 | | 1.0000e-04 |

| 11 | 12550 | 21:37:07 | 93.75% | | 0.2297 | | 1.0000e-04 |

| 11 | 12600 | 21:41:14 | 96.88% | | 0.0893 | | 1.0000e-04 |

| 11 | 12650 | 21:45:19 | 93.75% | | 0.2389 | | 1.0000e-04 |

| 11 | 12700 | 21:49:22 | 96.88% | | 0.1056 | | 1.0000e-04 |

| 11 | 12750 | 21:53:27 | 100.00% | | 0.0340 | | 1.0000e-04 |

| 11 | 12800 | 21:57:33 | 100.00% | | 0.0102 | | 1.0000e-04 |

| 11 | 12850 | 22:01:38 | 96.88% | | 0.1742 | | 1.0000e-04 |

| 11 | 12900 | 22:05:45 | 90.62% | | 0.4244 | | 1.0000e-04 |

| 11 | 12950 | 22:09:51 | 90.62% | | 0.1753 | | 1.0000e-04 |

| 11 | 13000 | 22:13:56 | 100.00% | | 0.0235 | | 1.0000e-04 |

| 11 | 13050 | 22:18:02 | 100.00% | | 0.0020 | | 1.0000e-04 |

| 11 | 13100 | 22:22:08 | 96.88% | | 0.2799 | | 1.0000e-04 |

| 11 | 13150 | 22:26:13 | 100.00% | | 0.0428 | | 1.0000e-04 |

| 11 | 13200 | 22:30:18 | 100.00% | | 0.0186 | | 1.0000e-04 |

| 11 | 13250 | 22:34:23 | 93.75% | | 0.1948 | | 1.0000e-04 |

| 11 | 13300 | 22:38:35 | 100.00% | | 0.0204 | | 1.0000e-04 |

| 11 | 13350 | 22:42:49 | 93.75% | | 0.1454 | | 1.0000e-04 |

| 11 | 13400 | 22:46:55 | 96.88% | | 0.0941 | | 1.0000e-04 |

| 11 | 13450 | 22:51:01 | 96.88% | | 0.0642 | | 1.0000e-04 |

| 11 | 13500 | 22:55:06 | 93.75% | | 0.0981 | | 1.0000e-04 |

| 11 | 13550 | 22:59:11 | 100.00% | | 0.0415 | | 1.0000e-04 |

| 11 | 13600 | 23:03:16 | 96.88% | | 0.2905 | | 1.0000e-04 |

| 11 | 13650 | 23:07:24 | 90.62% | | 0.2023 | | 1.0000e-04 |

| 11 | 13700 | 23:11:30 | 96.88% | | 0.0705 | | 1.0000e-04 |

| 11 | 13739 | 23:31:54 | 96.88% | 97.27% | 0.1040 | 0.0858 | 1.0000e-04 |

| 12 | 13750 | 23:32:48 | 96.88% | | 0.1800 | | 1.0000e-04 |

| 12 | 13800 | 23:36:59 | 96.88% | | 0.0858 | | 1.0000e-04 |

| 12 | 13850 | 23:41:16 | 100.00% | | 0.0064 | | 1.0000e-04 |

| 12 | 13900 | 23:45:55 | 96.88% | | 0.0322 | | 1.0000e-04 |

| 12 | 13950 | 23:50:26 | 100.00% | | 0.0197 | | 1.0000e-04 |

| 12 | 14000 | 23:54:53 | 96.88% | | 0.0672 | | 1.0000e-04 |

| 12 | 14050 | 23:59:18 | 100.00% | | 0.0419 | | 1.0000e-04 |

| 12 | 14100 | 24:03:42 | 96.88% | | 0.1057 | | 1.0000e-04 |

| 12 | 14150 | 24:08:08 | 100.00% | | 0.0358 | | 1.0000e-04 |

| 12 | 14200 | 24:12:59 | 100.00% | | 0.0126 | | 1.0000e-04 |

| 12 | 14250 | 24:18:13 | 100.00% | | 0.0134 | | 1.0000e-04 |

| 12 | 14300 | 24:23:50 | 90.62% | | 0.3004 | | 1.0000e-04 |

| 12 | 14350 | 24:29:04 | 96.88% | | 0.0752 | | 1.0000e-04 |

| 12 | 14400 | 24:33:26 | 93.75% | | 0.1132 | | 1.0000e-04 |

| 12 | 14450 | 24:37:47 | 96.88% | | 0.0810 | | 1.0000e-04 |

| 12 | 14500 | 24:42:07 | 96.88% | | 0.0804 | | 1.0000e-04 |

| 12 | 14550 | 24:46:25 | 93.75% | | 0.1178 | | 1.0000e-04 |

| 12 | 14600 | 24:50:42 | 96.88% | | 0.3517 | | 1.0000e-04 |

| 12 | 14650 | 24:54:59 | 93.75% | | 0.2154 | | 1.0000e-04 |

| 12 | 14700 | 24:59:22 | 100.00% | | 0.0092 | | 1.0000e-04 |

| 12 | 14750 | 25:03:42 | 100.00% | | 0.0102 | | 1.0000e-04 |

| 12 | 14800 | 25:08:03 | 96.88% | | 0.1393 | | 1.0000e-04 |

| 12 | 14850 | 25:12:21 | 96.88% | | 0.0737 | | 1.0000e-04 |

| 12 | 14900 | 25:16:46 | 93.75% | | 0.1089 | | 1.0000e-04 |

| 12 | 14950 | 25:21:02 | 100.00% | | 0.0113 | | 1.0000e-04 |

| 12 | 14988 | 25:44:23 | 96.88% | 97.27% | 0.0459 | 0.0827 | 1.0000e-04 |

| 13 | 15000 | 25:46:05 | 93.75% | | 0.1281 | | 1.0000e-04 |

| 13 | 15050 | 25:53:07 | 90.62% | | 0.1936 | | 1.0000e-04 |

| 13 | 15100 | 25:57:58 | 96.88% | | 0.0390 | | 1.0000e-04 |

| 13 | 15150 | 26:01:53 | 100.00% | | 0.0144 | | 1.0000e-04 |

| 13 | 15200 | 26:05:38 | 90.62% | | 0.3484 | | 1.0000e-04 |

| 13 | 15250 | 26:09:23 | 90.62% | | 0.1643 | | 1.0000e-04 |

| 13 | 15300 | 26:13:10 | 96.88% | | 0.0932 | | 1.0000e-04 |

| 13 | 15350 | 26:16:57 | 93.75% | | 0.1549 | | 1.0000e-04 |

| 13 | 15400 | 26:20:46 | 100.00% | | 0.0093 | | 1.0000e-04 |

| 13 | 15450 | 26:24:35 | 96.88% | | 0.0692 | | 1.0000e-04 |

| 13 | 15500 | 26:28:25 | 100.00% | | 0.0165 | | 1.0000e-04 |

| 13 | 15550 | 26:32:13 | 96.88% | | 0.0358 | | 1.0000e-04 |

| 13 | 15600 | 26:36:04 | 96.88% | | 0.2255 | | 1.0000e-04 |

| 13 | 15650 | 26:39:52 | 93.75% | | 0.1686 | | 1.0000e-04 |

| 13 | 15700 | 26:43:40 | 100.00% | | 0.0504 | | 1.0000e-04 |

| 13 | 15750 | 26:47:28 | 96.88% | | 0.0998 | | 1.0000e-04 |

| 13 | 15800 | 26:51:16 | 96.88% | | 0.0833 | | 1.0000e-04 |

| 13 | 15850 | 26:55:03 | 100.00% | | 0.0322 | | 1.0000e-04 |

| 13 | 15900 | 26:58:50 | 96.88% | | 0.0622 | | 1.0000e-04 |

| 13 | 15950 | 27:02:37 | 100.00% | | 0.0452 | | 1.0000e-04 |

| 13 | 16000 | 27:06:27 | 100.00% | | 0.0015 | | 1.0000e-04 |

| 13 | 16050 | 27:10:14 | 96.88% | | 0.0969 | | 1.0000e-04 |

| 13 | 16100 | 27:14:01 | 100.00% | | 0.0370 | | 1.0000e-04 |

| 13 | 16150 | 27:17:50 | 96.88% | | 0.0557 | | 1.0000e-04 |

| 13 | 16200 | 27:21:37 | 93.75% | | 0.1473 | | 1.0000e-04 |

| 13 | 16237 | 27:40:34 | 96.88% | 96.80% | 0.1361 | 0.1082 | 1.0000e-04 |

| 14 | 16250 | 27:41:33 | 96.88% | | 0.0704 | | 1.0000e-04 |

| 14 | 16300 | 27:45:20 | 87.50% | | 0.2145 | | 1.0000e-04 |

| 14 | 16350 | 27:49:07 | 100.00% | | 0.0188 | | 1.0000e-04 |

| 14 | 16400 | 27:52:54 | 100.00% | | 0.0337 | | 1.0000e-04 |

| 14 | 16450 | 27:56:40 | 100.00% | | 0.0379 | | 1.0000e-04 |

| 14 | 16500 | 28:00:27 | 96.88% | | 0.0684 | | 1.0000e-04 |

| 14 | 16550 | 28:04:14 | 90.62% | | 0.2935 | | 1.0000e-04 |

| 14 | 16600 | 28:08:03 | 84.38% | | 0.4003 | | 1.0000e-04 |

| 14 | 16650 | 28:11:50 | 93.75% | | 0.1550 | | 1.0000e-04 |

| 14 | 16700 | 28:15:36 | 100.00% | | 0.0180 | | 1.0000e-04 |

| 14 | 16750 | 28:19:24 | 100.00% | | 0.0136 | | 1.0000e-04 |

| 14 | 16800 | 28:23:12 | 96.88% | | 0.2504 | | 1.0000e-04 |

| 14 | 16850 | 28:26:59 | 96.88% | | 0.0613 | | 1.0000e-04 |

| 14 | 16900 | 28:30:47 | 93.75% | | 0.1627 | | 1.0000e-04 |

| 14 | 16950 | 28:34:35 | 96.88% | | 0.0803 | | 1.0000e-04 |

| 14 | 17000 | 28:38:23 | 100.00% | | 0.0159 | | 1.0000e-04 |

| 14 | 17050 | 28:42:11 | 100.00% | | 0.0195 | | 1.0000e-04 |

| 14 | 17100 | 28:45:58 | 93.75% | | 0.2267 | | 1.0000e-04 |

| 14 | 17150 | 28:49:46 | 100.00% | | 0.0375 | | 1.0000e-04 |

| 14 | 17200 | 28:53:33 | 96.88% | | 0.1501 | | 1.0000e-04 |

| 14 | 17250 | 28:57:22 | 100.00% | | 0.0215 | | 1.0000e-04 |

| 14 | 17300 | 29:01:10 | 100.00% | | 0.0149 | | 1.0000e-04 |

| 14 | 17350 | 29:05:01 | 90.62% | | 0.1039 | | 1.0000e-04 |

| 14 | 17400 | 29:08:50 | 96.88% | | 0.0568 | | 1.0000e-04 |

| 14 | 17450 | 29:12:37 | 100.00% | | 0.0518 | | 1.0000e-04 |

| 14 | 17486 | 29:31:32 | 93.75% | 97.56% | 0.1147 | 0.0803 | 1.0000e-04 |

| 15 | 17500 | 29:32:36 | 100.00% | | 0.0131 | | 1.0000e-04 |

| 15 | 17550 | 29:36:25 | 93.75% | | 0.1022 | | 1.0000e-04 |

| 15 | 17600 | 29:40:14 | 100.00% | | 0.0229 | | 1.0000e-04 |

| 15 | 17650 | 29:44:02 | 100.00% | | 0.0291 | | 1.0000e-04 |

| 15 | 17700 | 29:47:49 | 96.88% | | 0.0837 | | 1.0000e-04 |

| 15 | 17750 | 29:51:38 | 96.88% | | 0.3081 | | 1.0000e-04 |

| 15 | 17800 | 29:55:25 | 93.75% | | 0.5811 | | 1.0000e-04 |

| 15 | 17850 | 29:59:12 | 100.00% | | 0.0011 | | 1.0000e-04 |

| 15 | 17900 | 30:03:00 | 93.75% | | 0.1055 | | 1.0000e-04 |

| 15 | 17950 | 30:06:50 | 100.00% | | 0.0092 | | 1.0000e-04 |

| 15 | 18000 | 30:10:38 | 93.75% | | 0.3791 | | 1.0000e-04 |

| 15 | 18050 | 30:14:27 | 96.88% | | 0.0657 | | 1.0000e-04 |

| 15 | 18100 | 30:18:14 | 100.00% | | 0.0082 | | 1.0000e-04 |

| 15 | 18150 | 30:22:07 | 100.00% | | 0.0104 | | 1.0000e-04 |

| 15 | 18200 | 30:25:56 | 100.00% | | 0.0158 | | 1.0000e-04 |

| 15 | 18250 | 30:29:44 | 96.88% | | 0.0369 | | 1.0000e-04 |

| 15 | 18300 | 30:33:33 | 100.00% | | 0.0195 | | 1.0000e-04 |

| 15 | 18350 | 30:37:22 | 96.88% | | 0.0732 | | 1.0000e-04 |

| 15 | 18400 | 30:41:09 | 96.88% | | 0.2391 | | 1.0000e-04 |

| 15 | 18450 | 30:44:57 | 100.00% | | 0.0049 | | 1.0000e-04 |

| 15 | 18500 | 30:48:45 | 100.00% | | 0.0155 | | 1.0000e-04 |

| 15 | 18550 | 30:52:32 | 96.88% | | 0.0393 | | 1.0000e-04 |

| 15 | 18600 | 30:56:20 | 100.00% | | 0.0185 | | 1.0000e-04 |

| 15 | 18650 | 31:00:07 | 100.00% | | 0.0390 | | 1.0000e-04 |

| 15 | 18700 | 31:03:55 | 96.88% | | 0.1167 | | 1.0000e-04 |

| 15 | 18735 | 31:22:41 | 100.00% | 97.83% | 0.0398 | 0.0728 | 1.0000e-04 |

|======================================================================================================================|

Training finished: Max epochs completed.

>>

***100k – new modified***

Training on single CPU.

Initializing input data normalization.

|======================================================================================================================|

| Epoch | Iteration | Time Elapsed | Mini-batch | Validation | Mini-batch | Validation | Base Learning |

| | | (hh:mm:ss) | Accuracy | Accuracy | Loss | Loss | Rate |

|======================================================================================================================|

| 1 | 1 | 00:20:27 | 9.38% | 38.42% | 4.0321 | 1.9029 | 1.0000e-04 |

| 1 | 50 | 00:25:08 | 59.38% | | 1.0635 | | 1.0000e-04 |

| 1 | 100 | 00:29:37 | 68.75% | | 0.9428 | | 1.0000e-04 |

| 1 | 150 | 00:34:05 | 68.75% | | 0.8320 | | 1.0000e-04 |

| 1 | 200 | 00:38:35 | 68.75% | | 0.9084 | | 1.0000e-04 |

| 1 | 250 | 00:43:27 | 71.88% | | 0.9459 | | 1.0000e-04 |

| 1 | 300 | 00:48:00 | 78.12% | | 0.7205 | | 1.0000e-04 |

| 1 | 350 | 00:52:25 | 75.00% | | 0.6400 | | 1.0000e-04 |

| 1 | 400 | 00:57:14 | 78.12% | | 0.5924 | | 1.0000e-04 |

| 1 | 450 | 01:02:11 | 84.38% | | 0.7299 | | 1.0000e-04 |

| 1 | 500 | 01:07:39 | 84.38% | | 0.5429 | | 1.0000e-04 |

| 1 | 550 | 01:12:57 | 75.00% | | 0.6593 | | 1.0000e-04 |

| 1 | 600 | 01:18:10 | 68.75% | | 1.2259 | | 1.0000e-04 |

| 1 | 650 | 01:23:30 | 78.12% | | 0.7141 | | 1.0000e-04 |

| 1 | 700 | 01:28:14 | 87.50% | | 0.3621 | | 1.0000e-04 |

| 1 | 750 | 01:32:47 | 87.50% | | 0.4291 | | 1.0000e-04 |

| 1 | 800 | 01:37:13 | 75.00% | | 0.5284 | | 1.0000e-04 |

| 1 | 850 | 01:41:39 | 81.25% | | 0.4369 | | 1.0000e-04 |

| 1 | 900 | 01:46:03 | 84.38% | | 0.4296 | | 1.0000e-04 |

| 1 | 950 | 01:50:26 | 96.88% | | 0.2243 | | 1.0000e-04 |

| 1 | 1000 | 01:54:49 | 84.38% | | 0.4608 | | 1.0000e-04 |

| 1 | 1050 | 01:59:13 | 87.50% | | 0.4085 | | 1.0000e-04 |

| 1 | 1100 | 02:03:36 | 75.00% | | 0.6566 | | 1.0000e-04 |

| 1 | 1150 | 02:07:59 | 84.38% | | 0.3879 | | 1.0000e-04 |

| 1 | 1200 | 02:12:22 | 93.75% | | 0.2109 | | 1.0000e-04 |

| 1 | 1249 | 02:35:09 | 78.12% | 89.51% | 0.6627 | 0.3140 | 1.0000e-04 |

| 2 | 1250 | 02:35:14 | 93.75% | | 0.2316 | | 1.0000e-04 |

| 2 | 1300 | 02:39:37 | 87.50% | | 0.7051 | | 1.0000e-04 |

| 2 | 1350 | 02:43:59 | 81.25% | | 0.5590 | | 1.0000e-04 |

| 2 | 1400 | 02:48:22 | 87.50% | | 0.5741 | | 1.0000e-04 |

| 2 | 1450 | 02:52:44 | 78.12% | | 0.5284 | | 1.0000e-04 |

| 2 | 1500 | 02:57:07 | 81.25% | | 0.5093 | | 1.0000e-04 |

| 2 | 1550 | 03:01:39 | 81.25% | | 0.6260 | | 1.0000e-04 |

| 2 | 1600 | 03:06:04 | 90.62% | | 0.2379 | | 1.0000e-04 |

| 2 | 1650 | 03:10:28 | 93.75% | | 0.2965 | | 1.0000e-04 |

| 2 | 1700 | 03:14:52 | 84.38% | | 0.5224 | | 1.0000e-04 |

| 2 | 1750 | 03:19:17 | 90.62% | | 0.2425 | | 1.0000e-04 |

| 2 | 1800 | 03:23:42 | 96.88% | | 0.2155 | | 1.0000e-04 |

| 2 | 1850 | 03:28:18 | 93.75% | | 0.2210 | | 1.0000e-04 |

| 2 | 1900 | 03:33:01 | 84.38% | | 0.4310 | | 1.0000e-04 |

| 2 | 1950 | 03:37:38 | 90.62% | | 0.1930 | | 1.0000e-04 |

| 2 | 2000 | 03:42:07 | 93.75% | | 0.2668 | | 1.0000e-04 |

| 2 | 2050 | 03:46:43 | 90.62% | | 0.2618 | | 1.0000e-04 |

| 2 | 2100 | 03:50:52 | 93.75% | | 0.1642 | | 1.0000e-04 |

| 2 | 2150 | 03:55:03 | 96.88% | | 0.1907 | | 1.0000e-04 |

| 2 | 2200 | 03:59:14 | 87.50% | | 0.2667 | | 1.0000e-04 |

| 2 | 2250 | 04:03:39 | 87.50% | | 0.4171 | | 1.0000e-04 |

| 2 | 2300 | 04:08:01 | 100.00% | | 0.0873 | | 1.0000e-04 |

| 2 | 2350 | 04:12:26 | 87.50% | | 0.2528 | | 1.0000e-04 |

| 2 | 2400 | 04:16:51 | 90.62% | | 0.4809 | | 1.0000e-04 |

| 2 | 2450 | 04:21:16 | 100.00% | | 0.0713 | | 1.0000e-04 |

| 2 | 2498 | 04:44:28 | 84.38% | 92.33% | 0.3537 | 0.2259 | 1.0000e-04 |

| 3 | 2500 | 04:44:38 | 100.00% | | 0.1778 | | 1.0000e-04 |

| 3 | 2550 | 04:49:04 | 90.62% | | 0.2478 | | 1.0000e-04 |

| 3 | 2600 | 04:53:31 | 93.75% | | 0.2006 | | 1.0000e-04 |

| 3 | 2650 | 04:57:56 | 87.50% | | 0.3630 | | 1.0000e-04 |

| 3 | 2700 | 05:02:21 | 96.88% | | 0.1023 | | 1.0000e-04 |

| 3 | 2750 | 05:06:46 | 84.38% | | 0.3835 | | 1.0000e-04 |

| 3 | 2800 | 05:11:10 | 96.88% | | 0.1193 | | 1.0000e-04 |

| 3 | 2850 | 05:15:33 | 96.88% | | 0.1533 | | 1.0000e-04 |

| 3 | 2900 | 05:19:57 | 93.75% | | 0.2585 | | 1.0000e-04 |

| 3 | 2950 | 05:24:21 | 87.50% | | 0.3531 | | 1.0000e-04 |

| 3 | 3000 | 05:28:46 | 87.50% | | 0.3717 | | 1.0000e-04 |

| 3 | 3050 | 05:33:11 | 87.50% | | 0.3446 | | 1.0000e-04 |

| 3 | 3100 | 05:37:36 | 87.50% | | 0.2492 | | 1.0000e-04 |

| 3 | 3150 | 05:42:00 | 96.88% | | 0.0804 | | 1.0000e-04 |

| 3 | 3200 | 05:46:24 | 90.62% | | 0.3500 | | 1.0000e-04 |

| 3 | 3250 | 05:50:47 | 93.75% | | 0.1596 | | 1.0000e-04 |

| 3 | 3300 | 05:55:11 | 87.50% | | 0.3812 | | 1.0000e-04 |

| 3 | 3350 | 05:59:35 | 90.62% | | 0.2963 | | 1.0000e-04 |

| 3 | 3400 | 06:03:59 | 87.50% | | 0.2307 | | 1.0000e-04 |

| 3 | 3450 | 06:08:23 | 96.88% | | 0.1111 | | 1.0000e-04 |

| 3 | 3500 | 06:12:46 | 90.62% | | 0.3691 | | 1.0000e-04 |

| 3 | 3550 | 06:17:09 | 96.88% | | 0.1736 | | 1.0000e-04 |

| 3 | 3600 | 06:21:31 | 93.75% | | 0.1674 | | 1.0000e-04 |

| 3 | 3650 | 06:25:54 | 96.88% | | 0.1286 | | 1.0000e-04 |

| 3 | 3700 | 06:30:17 | 81.25% | | 0.4976 | | 1.0000e-04 |

| 3 | 3747 | 06:52:57 | 90.62% | 93.46% | 0.2477 | 0.1956 | 1.0000e-04 |

| 4 | 3750 | 06:53:13 | 93.75% | | 0.2350 | | 1.0000e-04 |

| 4 | 3800 | 06:57:37 | 87.50% | | 0.3810 | | 1.0000e-04 |

| 4 | 3850 | 07:02:00 | 90.62% | | 0.2102 | | 1.0000e-04 |

| 4 | 3900 | 07:06:23 | 96.88% | | 0.1970 | | 1.0000e-04 |

| 4 | 3950 | 07:10:47 | 96.88% | | 0.1320 | | 1.0000e-04 |

| 4 | 4000 | 07:15:10 | 93.75% | | 0.1074 | | 1.0000e-04 |

| 4 | 4050 | 07:19:34 | 93.75% | | 0.1987 | | 1.0000e-04 |

| 4 | 4100 | 07:23:57 | 87.50% | | 0.2279 | | 1.0000e-04 |

| 4 | 4150 | 07:28:20 | 87.50% | | 0.3251 | | 1.0000e-04 |

| 4 | 4200 | 07:32:44 | 96.88% | | 0.0993 | | 1.0000e-04 |

| 4 | 4250 | 07:37:08 | 100.00% | | 0.0357 | | 1.0000e-04 |

| 4 | 4300 | 07:41:38 | 90.62% | | 0.1855 | | 1.0000e-04 |

| 4 | 4350 | 07:46:00 | 87.50% | | 0.3245 | | 1.0000e-04 |

| 4 | 4400 | 07:50:23 | 96.88% | | 0.0877 | | 1.0000e-04 |

| 4 | 4450 | 07:54:46 | 90.62% | | 0.3505 | | 1.0000e-04 |

| 4 | 4500 | 07:59:11 | 96.88% | | 0.1001 | | 1.0000e-04 |

| 4 | 4550 | 08:03:34 | 93.75% | | 0.2095 | | 1.0000e-04 |

| 4 | 4600 | 08:07:57 | 96.88% | | 0.1400 | | 1.0000e-04 |

| 4 | 4650 | 08:12:20 | 100.00% | | 0.0510 | | 1.0000e-04 |

| 4 | 4700 | 08:16:42 | 96.88% | | 0.1726 | | 1.0000e-04 |

| 4 | 4750 | 08:21:05 | 87.50% | | 0.3189 | | 1.0000e-04 |

| 4 | 4800 | 08:25:28 | 100.00% | | 0.0388 | | 1.0000e-04 |

| 4 | 4850 | 08:29:51 | 96.88% | | 0.1469 | | 1.0000e-04 |

| 4 | 4900 | 08:34:14 | 96.88% | | 0.0760 | | 1.0000e-04 |

| 4 | 4950 | 08:38:39 | 87.50% | | 0.3980 | | 1.0000e-04 |

| 4 | 4996 | 09:01:10 | 93.75% | 95.56% | 0.1433 | 0.1317 | 1.0000e-04 |

| 5 | 5000 | 09:01:32 | 100.00% | | 0.0374 | | 1.0000e-04 |

| 5 | 5050 | 09:05:56 | 96.88% | | 0.1870 | | 1.0000e-04 |

| 5 | 5100 | 09:10:19 | 93.75% | | 0.1323 | | 1.0000e-04 |

| 5 | 5150 | 09:14:43 | 93.75% | | 0.1473 | | 1.0000e-04 |

| 5 | 5200 | 09:19:07 | 100.00% | | 0.0329 | | 1.0000e-04 |

| 5 | 5250 | 09:23:31 | 90.62% | | 0.2448 | | 1.0000e-04 |

| 5 | 5300 | 09:27:54 | 96.88% | | 0.2447 | | 1.0000e-04 |

| 5 | 5350 | 09:32:18 | 90.62% | | 0.2058 | | 1.0000e-04 |

| 5 | 5400 | 09:36:42 | 96.88% | | 0.0816 | | 1.0000e-04 |

| 5 | 5450 | 09:41:07 | 87.50% | | 0.5935 | | 1.0000e-04 |

| 5 | 5500 | 09:45:30 | 93.75% | | 0.2368 | | 1.0000e-04 |

| 5 | 5550 | 09:49:53 | 96.88% | | 0.0896 | | 1.0000e-04 |

| 5 | 5600 | 09:54:17 | 87.50% | | 0.3427 | | 1.0000e-04 |

| 5 | 5650 | 09:58:41 | 96.88% | | 0.0629 | | 1.0000e-04 |

| 5 | 5700 | 10:03:05 | 93.75% | | 0.5550 | | 1.0000e-04 |

| 5 | 5750 | 10:07:29 | 93.75% | | 0.1879 | | 1.0000e-04 |

| 5 | 5800 | 10:11:53 | 96.88% | | 0.1201 | | 1.0000e-04 |

| 5 | 5850 | 10:16:16 | 90.62% | | 0.2694 | | 1.0000e-04 |

| 5 | 5900 | 10:20:39 | 90.62% | | 0.2318 | | 1.0000e-04 |

| 5 | 5950 | 10:25:03 | 93.75% | | 0.1337 | | 1.0000e-04 |

| 5 | 6000 | 10:29:28 | 100.00% | | 0.0360 | | 1.0000e-04 |

| 5 | 6050 | 10:33:50 | 93.75% | | 0.3435 | | 1.0000e-04 |

| 5 | 6100 | 10:38:14 | 93.75% | | 0.1113 | | 1.0000e-04 |

| 5 | 6150 | 10:42:37 | 96.88% | | 0.0706 | | 1.0000e-04 |

| 5 | 6200 | 10:46:59 | 93.75% | | 0.1099 | | 1.0000e-04 |

| 5 | 6245 | 11:09:33 | 100.00% | 96.13% | 0.0574 | 0.1196 | 1.0000e-04 |

| 6 | 6250 | 11:09:59 | 93.75% | | 0.1204 | | 1.0000e-04 |

| 6 | 6300 | 11:14:22 | 87.50% | | 0.2150 | | 1.0000e-04 |

| 6 | 6350 | 11:18:44 | 100.00% | | 0.0369 | | 1.0000e-04 |

| 6 | 6400 | 11:23:06 | 93.75% | | 0.2257 | | 1.0000e-04 |

| 6 | 6450 | 11:27:29 | 96.88% | | 0.0617 | | 1.0000e-04 |

| 6 | 6500 | 11:31:52 | 96.88% | | 0.1698 | | 1.0000e-04 |

| 6 | 6550 | 11:36:15 | 93.75% | | 0.1688 | | 1.0000e-04 |

| 6 | 6600 | 11:40:38 | 96.88% | | 0.0450 | | 1.0000e-04 |

| 6 | 6650 | 11:45:00 | 96.88% | | 0.1216 | | 1.0000e-04 |

| 6 | 6700 | 11:49:30 | 96.88% | | 0.0949 | | 1.0000e-04 |

| 6 | 6750 | 11:53:52 | 93.75% | | 0.1716 | | 1.0000e-04 |

| 6 | 6800 | 11:58:15 | 96.88% | | 0.0647 | | 1.0000e-04 |

| 6 | 6850 | 12:02:35 | 96.88% | | 0.0612 | | 1.0000e-04 |

| 6 | 6900 | 12:06:56 | 100.00% | | 0.0253 | | 1.0000e-04 |

| 6 | 6950 | 12:11:16 | 93.75% | | 0.1379 | | 1.0000e-04 |

| 6 | 7000 | 12:15:36 | 93.75% | | 0.3023 | | 1.0000e-04 |

| 6 | 7050 | 12:19:56 | 100.00% | | 0.0418 | | 1.0000e-04 |

| 6 | 7100 | 12:24:18 | 87.50% | | 0.2795 | | 1.0000e-04 |

| 6 | 7150 | 12:28:38 | 90.62% | | 0.3396 | | 1.0000e-04 |

| 6 | 7200 | 12:32:58 | 93.75% | | 0.1529 | | 1.0000e-04 |

| 6 | 7250 | 12:37:21 | 90.62% | | 0.1794 | | 1.0000e-04 |

| 6 | 7300 | 12:41:45 | 93.75% | | 0.1803 | | 1.0000e-04 |

| 6 | 7350 | 12:46:09 | 90.62% | | 0.1258 | | 1.0000e-04 |

| 6 | 7400 | 12:50:34 | 96.88% | | 0.0905 | | 1.0000e-04 |

| 6 | 7450 | 12:54:57 | 100.00% | | 0.0509 | | 1.0000e-04 |

| 6 | 7494 | 13:17:16 | 93.75% | 96.60% | 0.1616 | 0.1035 | 1.0000e-04 |

| 7 | 7500 | 13:17:47 | 100.00% | | 0.0065 | | 1.0000e-04 |

| 7 | 7550 | 13:22:09 | 96.88% | | 0.1204 | | 1.0000e-04 |

| 7 | 7600 | 13:26:32 | 96.88% | | 0.1080 | | 1.0000e-04 |

| 7 | 7650 | 13:30:54 | 93.75% | | 0.0816 | | 1.0000e-04 |

| 7 | 7700 | 13:35:18 | 93.75% | | 0.1549 | | 1.0000e-04 |

| 7 | 7750 | 13:39:41 | 96.88% | | 0.1577 | | 1.0000e-04 |

| 7 | 7800 | 13:44:03 | 96.88% | | 0.1119 | | 1.0000e-04 |

| 7 | 7850 | 13:48:26 | 100.00% | | 0.0282 | | 1.0000e-04 |

| 7 | 7900 | 13:52:50 | 87.50% | | 0.2020 | | 1.0000e-04 |

| 7 | 7950 | 13:57:13 | 100.00% | | 0.0219 | | 1.0000e-04 |

| 7 | 8000 | 14:01:38 | 93.75% | | 0.0807 | | 1.0000e-04 |

| 7 | 8050 | 14:06:03 | 100.00% | | 0.0491 | | 1.0000e-04 |

| 7 | 8100 | 14:10:30 | 93.75% | | 0.1070 | | 1.0000e-04 |

| 7 | 8150 | 14:14:56 | 93.75% | | 0.1132 | | 1.0000e-04 |

| 7 | 8200 | 14:19:22 | 96.88% | | 0.0836 | | 1.0000e-04 |

| 7 | 8250 | 14:23:47 | 100.00% | | 0.0285 | | 1.0000e-04 |

| 7 | 8300 | 14:28:13 | 96.88% | | 0.2810 | | 1.0000e-04 |

| 7 | 8350 | 14:32:42 | 90.62% | | 0.1704 | | 1.0000e-04 |

| 7 | 8400 | 14:37:08 | 96.88% | | 0.1217 | | 1.0000e-04 |

| 7 | 8450 | 14:41:49 | 100.00% | | 0.0410 | | 1.0000e-04 |

| 7 | 8500 | 14:46:15 | 96.88% | | 0.0964 | | 1.0000e-04 |

| 7 | 8550 | 14:50:41 | 93.75% | | 0.2012 | | 1.0000e-04 |

| 7 | 8600 | 14:55:06 | 100.00% | | 0.0630 | | 1.0000e-04 |

| 7 | 8650 | 14:59:31 | 96.88% | | 0.0938 | | 1.0000e-04 |

| 7 | 8700 | 15:03:54 | 90.62% | | 0.1762 | | 1.0000e-04 |

| 7 | 8743 | 15:26:13 | 96.88% | 96.70% | 0.0637 | 0.1041 | 1.0000e-04 |

| 8 | 8750 | 15:26:50 | 93.75% | | 0.1347 | | 1.0000e-04 |

| 8 | 8800 | 15:31:16 | 93.75% | | 0.1363 | | 1.0000e-04 |

| 8 | 8850 | 15:35:45 | 93.75% | | 0.1221 | | 1.0000e-04 |

| 8 | 8900 | 15:40:17 | 96.88% | | 0.1146 | | 1.0000e-04 |

| 8 | 8950 | 15:44:43 | 90.62% | | 0.1920 | | 1.0000e-04 |

| 8 | 9000 | 15:49:08 | 96.88% | | 0.0988 | | 1.0000e-04 |

| 8 | 9050 | 15:53:39 | 100.00% | | 0.0626 | | 1.0000e-04 |

| 8 | 9100 | 15:58:04 | 96.88% | | 0.0693 | | 1.0000e-04 |

| 8 | 9150 | 16:02:33 | 84.38% | | 0.2771 | | 1.0000e-04 |

| 8 | 9200 | 16:07:00 | 100.00% | | 0.0481 | | 1.0000e-04 |

| 8 | 9250 | 16:11:25 | 100.00% | | 0.0402 | | 1.0000e-04 |

| 8 | 9300 | 16:15:51 | 93.75% | | 0.1566 | | 1.0000e-04 |

| 8 | 9350 | 16:20:17 | 93.75% | | 0.0944 | | 1.0000e-04 |

| 8 | 9400 | 16:24:41 | 100.00% | | 0.0082 | | 1.0000e-04 |

| 8 | 9450 | 16:29:12 | 100.00% | | 0.0614 | | 1.0000e-04 |

| 8 | 9500 | 16:33:36 | 93.75% | | 0.1314 | | 1.0000e-04 |

| 8 | 9550 | 16:38:02 | 96.88% | | 0.0500 | | 1.0000e-04 |

| 8 | 9600 | 16:42:28 | 90.62% | | 0.2225 | | 1.0000e-04 |

| 8 | 9650 | 16:46:54 | 100.00% | | 0.0141 | | 1.0000e-04 |

| 8 | 9700 | 16:51:20 | 93.75% | | 0.1204 | | 1.0000e-04 |

| 8 | 9750 | 16:55:48 | 96.88% | | 0.1281 | | 1.0000e-04 |

| 8 | 9800 | 17:00:13 | 93.75% | | 0.2449 | | 1.0000e-04 |

| 8 | 9850 | 17:04:39 | 96.88% | | 0.0717 | | 1.0000e-04 |

| 8 | 9900 | 17:09:05 | 93.75% | | 0.0814 | | 1.0000e-04 |

| 8 | 9950 | 17:13:30 | 96.88% | | 0.0619 | | 1.0000e-04 |

| 8 | 9992 | 17:35:49 | 93.75% | 96.80% | 0.1394 | 0.1043 | 1.0000e-04 |

| 9 | 10000 | 17:36:32 | 93.75% | | 0.5111 | | 1.0000e-04 |

| 9 | 10050 | 17:40:58 | 93.75% | | 0.2780 | | 1.0000e-04 |

| 9 | 10100 | 17:45:23 | 100.00% | | 0.0140 | | 1.0000e-04 |

| 9 | 10150 | 17:49:49 | 96.88% | | 0.0458 | | 1.0000e-04 |

| 9 | 10200 | 17:54:14 | 100.00% | | 0.0469 | | 1.0000e-04 |

| 9 | 10250 | 17:58:39 | 96.88% | | 0.4537 | | 1.0000e-04 |

| 9 | 10300 | 18:03:05 | 96.88% | | 0.0445 | | 1.0000e-04 |

| 9 | 10350 | 18:07:32 | 96.88% | | 0.1278 | | 1.0000e-04 |

| 9 | 10400 | 18:11:57 | 100.00% | | 0.0142 | | 1.0000e-04 |

| 9 | 10450 | 18:16:22 | 96.88% | | 0.1537 | | 1.0000e-04 |

| 9 | 10500 | 18:20:50 | 100.00% | | 0.0145 | | 1.0000e-04 |

| 9 | 10550 | 18:25:17 | 93.75% | | 0.1687 | | 1.0000e-04 |

| 9 | 10600 | 18:29:43 | 90.62% | | 0.3903 | | 1.0000e-04 |

| 9 | 10650 | 18:34:09 | 93.75% | | 0.2150 | | 1.0000e-04 |

| 9 | 10700 | 18:38:35 | 93.75% | | 0.1080 | | 1.0000e-04 |

| 9 | 10750 | 18:43:01 | 96.88% | | 0.0490 | | 1.0000e-04 |

| 9 | 10800 | 18:47:26 | 100.00% | | 0.0098 | | 1.0000e-04 |

| 9 | 10850 | 18:51:52 | 100.00% | | 0.0377 | | 1.0000e-04 |

| 9 | 10900 | 18:56:18 | 93.75% | | 0.2629 | | 1.0000e-04 |

| 9 | 10950 | 19:00:44 | 100.00% | | 0.0405 | | 1.0000e-04 |

| 9 | 11000 | 19:05:11 | 100.00% | | 0.0275 | | 1.0000e-04 |

| 9 | 11050 | 19:09:36 | 93.75% | | 0.1450 | | 1.0000e-04 |

| 9 | 11100 | 19:14:02 | 96.88% | | 0.2471 | | 1.0000e-04 |

| 9 | 11150 | 19:18:28 | 93.75% | | 0.2297 | | 1.0000e-04 |

| 9 | 11200 | 19:22:54 | 96.88% | | 0.0425 | | 1.0000e-04 |

| 9 | 11241 | 19:45:24 | 96.88% | 97.34% | 0.0509 | 0.0815 | 1.0000e-04 |

| 10 | 11250 | 19:46:12 | 93.75% | | 0.3191 | | 1.0000e-04 |

| 10 | 11300 | 19:50:38 | 96.88% | | 0.1113 | | 1.0000e-04 |

| 10 | 11350 | 19:55:05 | 93.75% | | 0.2557 | | 1.0000e-04 |

| 10 | 11400 | 19:59:32 | 96.88% | | 0.1654 | | 1.0000e-04 |

| 10 | 11450 | 20:03:59 | 96.88% | | 0.0931 | | 1.0000e-04 |

| 10 | 11500 | 20:08:43 | 90.62% | | 0.2345 | | 1.0000e-04 |

| 10 | 11550 | 20:13:43 | 96.88% | | 0.0912 | | 1.0000e-04 |

| 10 | 11600 | 20:18:11 | 100.00% | | 0.0445 | | 1.0000e-04 |

| 10 | 11650 | 20:22:39 | 90.62% | | 0.1151 | | 1.0000e-04 |

| 10 | 11700 | 20:27:05 | 96.88% | | 0.0527 | | 1.0000e-04 |

| 10 | 11750 | 20:31:33 | 100.00% | | 0.0300 | | 1.0000e-04 |

| 10 | 11800 | 20:36:01 | 93.75% | | 0.2202 | | 1.0000e-04 |

| 10 | 11850 | 20:40:29 | 96.88% | | 0.1583 | | 1.0000e-04 |

| 10 | 11900 | 20:44:56 | 96.88% | | 0.0823 | | 1.0000e-04 |

| 10 | 11950 | 20:49:24 | 100.00% | | 0.0359 | | 1.0000e-04 |

| 10 | 12000 | 20:53:55 | 93.75% | | 0.1257 | | 1.0000e-04 |

| 10 | 12050 | 20:58:23 | 96.88% | | 0.0542 | | 1.0000e-04 |

| 10 | 12100 | 21:02:50 | 93.75% | | 0.0908 | | 1.0000e-04 |

| 10 | 12150 | 21:07:19 | 100.00% | | 0.0224 | | 1.0000e-04 |

| 10 | 12200 | 21:11:47 | 93.75% | | 0.1003 | | 1.0000e-04 |

| 10 | 12250 | 21:16:15 | 96.88% | | 0.1711 | | 1.0000e-04 |

| 10 | 12300 | 21:20:43 | 100.00% | | 0.0311 | | 1.0000e-04 |

| 10 | 12350 | 21:25:11 | 93.75% | | 0.2789 | | 1.0000e-04 |

| 10 | 12400 | 21:29:39 | 96.88% | | 0.0693 | | 1.0000e-04 |

| 10 | 12450 | 21:34:07 | 90.62% | | 0.4698 | | 1.0000e-04 |

| 10 | 12490 | 21:56:21 | 96.88% | 97.09% | 0.0885 | 0.1013 | 1.0000e-04 |

| 11 | 12500 | 21:57:15 | 96.88% | | 0.2791 | | 1.0000e-04 |

| 11 | 12550 | 22:01:43 | 93.75% | | 0.3023 | | 1.0000e-04 |

| 11 | 12600 | 22:06:12 | 96.88% | | 0.0605 | | 1.0000e-04 |

| 11 | 12650 | 22:10:44 | 93.75% | | 0.1630 | | 1.0000e-04 |

| 11 | 12700 | 22:15:12 | 90.62% | | 0.2165 | | 1.0000e-04 |

| 11 | 12750 | 22:19:40 | 90.62% | | 0.2060 | | 1.0000e-04 |

| 11 | 12800 | 22:24:08 | 100.00% | | 0.0611 | | 1.0000e-04 |

| 11 | 12850 | 22:28:37 | 96.88% | | 0.1516 | | 1.0000e-04 |

| 11 | 12900 | 22:33:05 | 100.00% | | 0.0241 | | 1.0000e-04 |

| 11 | 12950 | 22:37:34 | 100.00% | | 0.0345 | | 1.0000e-04 |

| 11 | 13000 | 22:42:03 | 100.00% | | 0.0086 | | 1.0000e-04 |

| 11 | 13050 | 22:46:30 | 100.00% | | 0.0155 | | 1.0000e-04 |

| 11 | 13100 | 22:51:08 | 100.00% | | 0.0085 | | 1.0000e-04 |

| 11 | 13150 | 22:55:38 | 100.00% | | 0.0496 | | 1.0000e-04 |

| 11 | 13200 | 23:00:08 | 100.00% | | 0.0091 | | 1.0000e-04 |

| 11 | 13250 | 23:04:49 | 100.00% | | 0.0156 | | 1.0000e-04 |

| 11 | 13300 | 23:09:29 | 90.62% | | 0.2053 | | 1.0000e-04 |

| 11 | 13350 | 23:14:06 | 96.88% | | 0.1007 | | 1.0000e-04 |

| 11 | 13400 | 23:18:36 | 96.88% | | 0.0954 | | 1.0000e-04 |

| 11 | 13450 | 23:23:08 | 96.88% | | 0.0308 | | 1.0000e-04 |

| 11 | 13500 | 23:27:39 | 100.00% | | 0.0144 | | 1.0000e-04 |

| 11 | 13550 | 23:32:09 | 100.00% | | 0.0402 | | 1.0000e-04 |

| 11 | 13600 | 23:36:41 | 96.88% | | 0.0479 | | 1.0000e-04 |

| 11 | 13650 | 23:41:23 | 100.00% | | 0.0215 | | 1.0000e-04 |

| 11 | 13700 | 23:45:48 | 100.00% | | 0.0087 | | 1.0000e-04 |

| 11 | 13739 | 24:07:57 | 100.00% | 97.33% | 0.0213 | 0.0942 | 1.0000e-04 |

| 12 | 13750 | 24:08:56 | 100.00% | | 0.0485 | | 1.0000e-04 |

| 12 | 13800 | 24:13:40 | 100.00% | | 0.0146 | | 1.0000e-04 |

| 12 | 13850 | 24:18:14 | 100.00% | | 0.0043 | | 1.0000e-04 |

| 12 | 13900 | 24:22:47 | 100.00% | | 0.0352 | | 1.0000e-04 |

| 12 | 13950 | 24:27:37 | 93.75% | | 0.1540 | | 1.0000e-04 |

| 12 | 14000 | 24:32:19 | 100.00% | | 0.0577 | | 1.0000e-04 |

| 12 | 14050 | 24:37:09 | 93.75% | | 0.2322 | | 1.0000e-04 |

| 12 | 14100 | 24:41:56 | 100.00% | | 0.0124 | | 1.0000e-04 |

| 12 | 14150 | 24:46:39 | 90.62% | | 0.1386 | | 1.0000e-04 |

| 12 | 14200 | 24:51:10 | 93.75% | | 0.0937 | | 1.0000e-04 |

| 12 | 14250 | 24:55:39 | 96.88% | | 0.0803 | | 1.0000e-04 |

| 12 | 14300 | 25:00:07 | 100.00% | | 0.0158 | | 1.0000e-04 |

| 12 | 14350 | 25:04:40 | 100.00% | | 0.0488 | | 1.0000e-04 |

| 12 | 14400 | 25:09:09 | 100.00% | | 0.0311 | | 1.0000e-04 |

| 12 | 14450 | 25:13:45 | 100.00% | | 0.0129 | | 1.0000e-04 |

| 12 | 14500 | 25:18:32 | 93.75% | | 0.1852 | | 1.0000e-04 |

| 12 | 14550 | 25:23:15 | 96.88% | | 0.0709 | | 1.0000e-04 |

| 12 | 14600 | 25:27:44 | 100.00% | | 0.0086 | | 1.0000e-04 |

| 12 | 14650 | 25:32:34 | 90.62% | | 0.3291 | | 1.0000e-04 |

| 12 | 14700 | 25:37:24 | 100.00% | | 0.0521 | | 1.0000e-04 |

| 12 | 14750 | 25:42:05 | 100.00% | | 0.0125 | | 1.0000e-04 |

| 12 | 14800 | 25:46:33 | 96.88% | | 0.0949 | | 1.0000e-04 |

| 12 | 14850 | 25:51:15 | 96.88% | | 0.0406 | | 1.0000e-04 |

| 12 | 14900 | 25:55:49 | 96.88% | | 0.1083 | | 1.0000e-04 |

| 12 | 14950 | 26:00:21 | 100.00% | | 0.0371 | | 1.0000e-04 |

| 12 | 14988 | 26:22:28 | 100.00% | 97.41% | 0.0137 | 0.0857 | 1.0000e-04 |

| 13 | 15000 | 26:23:33 | 96.88% | | 0.0795 | | 1.0000e-04 |

| 13 | 15050 | 26:27:58 | 100.00% | | 0.0065 | | 1.0000e-04 |

| 13 | 15100 | 26:32:22 | 96.88% | | 0.2891 | | 1.0000e-04 |

| 13 | 15150 | 26:36:43 | 96.88% | | 0.0909 | | 1.0000e-04 |

| 13 | 15200 | 26:41:03 | 96.88% | | 0.1974 | | 1.0000e-04 |

| 13 | 15250 | 26:45:21 | 100.00% | | 0.0503 | | 1.0000e-04 |

| 13 | 15300 | 26:49:40 | 90.62% | | 0.3772 | | 1.0000e-04 |

| 13 | 15350 | 26:53:58 | 100.00% | | 0.0044 | | 1.0000e-04 |

| 13 | 15400 | 26:58:15 | 96.88% | | 0.1474 | | 1.0000e-04 |

| 13 | 15450 | 27:02:35 | 100.00% | | 0.0173 | | 1.0000e-04 |

| 13 | 15500 | 27:06:55 | 100.00% | | 0.0172 | | 1.0000e-04 |

| 13 | 15550 | 27:11:14 | 93.75% | | 0.0940 | | 1.0000e-04 |

| 13 | 15600 | 27:15:32 | 100.00% | | 0.0112 | | 1.0000e-04 |

| 13 | 15650 | 27:19:49 | 100.00% | | 0.0155 | | 1.0000e-04 |

| 13 | 15700 | 27:24:08 | 100.00% | | 0.0184 | | 1.0000e-04 |

| 13 | 15750 | 27:28:29 | 100.00% | | 0.0215 | | 1.0000e-04 |

| 13 | 15800 | 27:32:51 | 87.50% | | 0.2020 | | 1.0000e-04 |

| 13 | 15850 | 27:37:25 | 96.88% | | 0.0697 | | 1.0000e-04 |

| 13 | 15900 | 27:45:18 | 96.88% | | 0.0590 | | 1.0000e-04 |

| 13 | 15950 | 27:52:17 | 93.75% | | 0.2472 | | 1.0000e-04 |

| 13 | 16000 | 27:56:25 | 96.88% | | 0.0717 | | 1.0000e-04 |

| 13 | 16050 | 28:00:35 | 90.62% | | 0.4076 | | 1.0000e-04 |

| 13 | 16100 | 28:04:49 | 100.00% | | 0.0125 | | 1.0000e-04 |

| 13 | 16150 | 28:09:03 | 100.00% | | 0.0352 | | 1.0000e-04 |

| 13 | 16200 | 28:13:18 | 96.88% | | 0.1013 | | 1.0000e-04 |

| 13 | 16237 | 28:34:21 | 100.00% | 97.75% | 0.0326 | 0.0712 | 1.0000e-04 |

| 14 | 16250 | 28:35:28 | 100.00% | | 0.0321 | | 1.0000e-04 |

| 14 | 16300 | 28:39:48 | 100.00% | | 0.0414 | | 1.0000e-04 |

| 14 | 16350 | 28:44:08 | 100.00% | | 0.0214 | | 1.0000e-04 |

| 14 | 16400 | 28:48:28 | 96.88% | | 0.0847 | | 1.0000e-04 |

| 14 | 16450 | 28:52:46 | 96.88% | | 0.0670 | | 1.0000e-04 |

| 14 | 16500 | 28:57:05 | 100.00% | | 0.0286 | | 1.0000e-04 |

| 14 | 16550 | 29:01:23 | 96.88% | | 0.0742 | | 1.0000e-04 |

| 14 | 16600 | 29:05:42 | 93.75% | | 0.1083 | | 1.0000e-04 |

| 14 | 16650 | 29:10:02 | 100.00% | | 0.0113 | | 1.0000e-04 |

| 14 | 16700 | 29:14:21 | 87.50% | | 0.2917 | | 1.0000e-04 |

| 14 | 16750 | 29:18:39 | 93.75% | | 0.1050 | | 1.0000e-04 |

| 14 | 16800 | 29:22:59 | 100.00% | | 0.0067 | | 1.0000e-04 |

| 14 | 16850 | 29:27:17 | 100.00% | | 0.0279 | | 1.0000e-04 |

| 14 | 16900 | 29:31:36 | 93.75% | | 0.1044 | | 1.0000e-04 |

| 14 | 16950 | 29:35:55 | 100.00% | | 0.0361 | | 1.0000e-04 |

| 14 | 17000 | 29:40:15 | 100.00% | | 0.0133 | | 1.0000e-04 |

| 14 | 17050 | 29:44:33 | 100.00% | | 0.0400 | | 1.0000e-04 |

| 14 | 17100 | 29:48:51 | 87.50% | | 0.3639 | | 1.0000e-04 |

| 14 | 17150 | 29:53:11 | 100.00% | | 0.0152 | | 1.0000e-04 |

| 14 | 17200 | 29:57:29 | 93.75% | | 0.1126 | | 1.0000e-04 |

| 14 | 17250 | 30:01:48 | 96.88% | | 0.0985 | | 1.0000e-04 |

| 14 | 17300 | 30:06:07 | 90.62% | | 0.2507 | | 1.0000e-04 |

| 14 | 17350 | 30:10:26 | 100.00% | | 0.0152 | | 1.0000e-04 |

| 14 | 17400 | 30:14:44 | 93.75% | | 0.1658 | | 1.0000e-04 |

| 14 | 17450 | 30:19:02 | 93.75% | | 0.0982 | | 1.0000e-04 |

| 14 | 17486 | 30:40:12 | 96.88% | 97.90% | 0.0675 | 0.0720 | 1.0000e-04 |

| 15 | 17500 | 30:41:25 | 100.00% | | 0.0296 | | 1.0000e-04 |

| 15 | 17550 | 30:45:43 | 100.00% | | 0.0398 | | 1.0000e-04 |

| 15 | 17600 | 30:50:01 | 100.00% | | 0.0189 | | 1.0000e-04 |

| 15 | 17650 | 30:54:19 | 87.50% | | 0.4319 | | 1.0000e-04 |

| 15 | 17700 | 30:58:39 | 96.88% | | 0.1034 | | 1.0000e-04 |

| 15 | 17750 | 31:02:57 | 93.75% | | 0.2033 | | 1.0000e-04 |

| 15 | 17800 | 31:07:16 | 93.75% | | 0.1006 | | 1.0000e-04 |

| 15 | 17850 | 31:11:35 | 100.00% | | 0.0043 | | 1.0000e-04 |

| 15 | 17900 | 31:15:53 | 96.88% | | 0.1788 | | 1.0000e-04 |

| 15 | 17950 | 31:20:12 | 93.75% | | 0.0690 | | 1.0000e-04 |

| 15 | 18000 | 31:24:32 | 96.88% | | 0.0396 | | 1.0000e-04 |

| 15 | 18050 | 31:28:51 | 100.00% | | 0.0246 | | 1.0000e-04 |

| 15 | 18100 | 31:33:09 | 96.88% | | 0.3513 | | 1.0000e-04 |

| 15 | 18150 | 31:37:30 | 93.75% | | 0.2172 | | 1.0000e-04 |

| 15 | 18200 | 31:41:54 | 93.75% | | 0.1783 | | 1.0000e-04 |

| 15 | 18250 | 31:46:14 | 93.75% | | 0.1593 | | 1.0000e-04 |

| 15 | 18300 | 31:50:32 | 96.88% | | 0.0495 | | 1.0000e-04 |

| 15 | 18350 | 31:54:51 | 100.00% | | 0.0055 | | 1.0000e-04 |

| 15 | 18400 | 31:59:09 | 100.00% | | 0.0122 | | 1.0000e-04 |

| 15 | 18450 | 32:03:28 | 96.88% | | 0.0818 | | 1.0000e-04 |

| 15 | 18500 | 32:07:48 | 96.88% | | 0.0497 | | 1.0000e-04 |

| 15 | 18550 | 32:12:08 | 100.00% | | 0.0103 | | 1.0000e-04 |

| 15 | 18600 | 32:16:27 | 96.88% | | 0.0436 | | 1.0000e-04 |

| 15 | 18650 | 32:20:45 | 96.88% | | 0.0691 | | 1.0000e-04 |

| 15 | 18700 | 32:25:05 | 96.88% | | 0.1622 | | 1.0000e-04 |

| 15 | 18735 | 32:46:12 | 100.00% | 97.89% | 0.0140 | 0.0701 | 1.0000e-04 |

|======================================================================================================================|

Training finished: Max epochs completed.

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