

### NRL 2006: Pre TVAC-Chamber, Horizontal

| E2E ID            | Run ID   | Events | Time | Trigger Rate | TKR FIFO full | Description   | TEM 1 track Diag | track (%) | Event Size (Bytes) | "Raw" (MBytes) | Digi (MBytes) | Recon (GBytes) | Digi/Raw | Recon/Digi |  |
|-------------------|----------|--------|------|--------------|---------------|---|------------------|-----------|--------------------|----------------|---------------|----------------|----------|------------|--|
| <b>Horizontal</b> |          |        |      |              |               |   |                  |           |                    |                |               |                |          |            |  |
| 80x               | 77006908 | 29211  | 1800 | 16.2         | 13            | GammaFilter, no periodic trigger, 5kHz external trigger, Horizontal | OFF              | 55        | 1077               | 30             | 16            | 0.12           | 0.53     | 7.7        |  |
| 80x               | 77006922 | 29398  | 1800 | 16.3         | 13            | GammaFilter, no periodic trigger, 5kHz external trigger, Horizontal | OFF              | 55        | 1070               | 30             | 16            | 0.12           | 0.53     | 7.7        |  |
| 80x               | 77007082 | 29930  | 1800 | 16.6         | 19            | GammaFilter, no periodic trigger, 5kHz external trigger, Horizontal | OFF              | 53        | 1086               | 31             | 16            | 0.12           | 0.52     | 7.7        |  |
| 80x               | 77006907 | 10066  | 612  | 16.4         | 2             | GammaFilter, no periodic trigger, 5kHz external trigger, Horizontal | OFF              | 55        | 1042               | 10             | 5.6           | 0.04           | 0.56     | 7.3        |  |
| 80x               | 77006921 | 9951   | 612  | 16.3         | 0             | GammaFilter, no periodic trigger, 5kHz external trigger, Horizontal | OFF              | 55        | 1054               | 10             | 5.5           | 0.04           | 0.55     | 7.4        |  |
| 80x               | 77006976 | 10061  | 612  | 16.4         | 4             | GammaFilter, no periodic trigger, 5kHz external trigger, Horizontal | OFF              | 55        | 1042               | 10             | 5.6           | 0.04           | 0.56     | 7.3        |  |
| 80x               | 77006977 | 9844   | 612  | 16.1         | 5             | GammaFilter, no periodic trigger, 5kHz external trigger, Horizontal | OFF              | 55        | 1065               | 10             | 5.5           | 0.04           | 0.55     | 7.4        |  |
| 80x               | 77006990 | 10032  | 612  | 16.4         | 5             | GammaFilter, no periodic trigger, 5kHz external trigger, Horizontal | OFF              | 54        | 1045               | 10             | 5.7           | 0.04           | 0.57     | 7.2        |  |
| 80x               | 77006991 | 10149  | 612  | 16.6         | 5             | GammaFilter, no periodic trigger, 5kHz external trigger, Horizontal | OFF              | 55        | 1033               | 10             | 5.7           | 0.04           | 0.57     | 7.2        |  |
| 80x               | 77007081 | 10115  | 612  | 16.5         | 6             | GammaFilter, no periodic trigger, 5kHz external trigger, Horizontal | OFF              | 54        | 1140               | 11             | 5.6           | 0.04           | 0.51     | 7.3        |  |
| 80x               | 77006906 | 150146 | 612  | 245.3        | 49            | Horizontal  | OFF              | 66        | 2116               | 303            | 294           | 1.1            | 0.97     | 3.8        |  |
| 80x               | 77006920 | 150516 | 612  | 245.9        | 29            | Horizontal  | OFF              | 66        | 2118               | 304            | 295           | 1.1            | 0.97     | 3.8        |  |
| 80x               | 77006975 | 149871 | 612  | 244.9        | 31            | Horizontal  | OFF              | 67        | 2120               | 303            | 294           | 1.1            | 0.97     | 3.8        |  |
| 80x               | 77006989 | 150426 | 612  | 245.8        | 28            | Horizontal  | OFF              | 66        | 2119               | 304            | 295           | 1.1            | 0.97     | 3.8        |  |
| 80x               | 77007080 | 149980 | 612  | 245.1        | 28            | Horizontal  | OFF              | 66        | 2118               | 303            | 292           | 1.1            | 0.96     | 3.9        |  |
| 22x               | 77007007 | 10234  | 612  | 16.7         | 3             | GammaFilter, no periodic trigger, Horizontal                        | OFF              | 53        | 1025               | 10             | 4.8           | 0.04           | 0.48     | 8.5        |  |
| 22x               | 77007097 | 10110  | 612  | 16.5         | 5             | GammaFilter, no periodic trigger, Horizontal                        | OFF              | 54        | 1037               | 10             | 4.7           | 0.04           | 0.47     | 8.7        |  |
| 22x               | 77007008 | 30262  | 1800 | 16.8         | 7             | GammaFilter, no periodic trigger, Horizontal                        | OFF              | 54        | 1074               | 31             | 14            | 0.11           | 0.45     | 8.0        |  |
| 22x               | 77007114 | 29933  | 1800 | 16.6         | 10            | GammaFilter, no periodic trigger, Horizontal                        | OFF              | 53        | 1051               | 30             | 14            | 0.11           | 0.47     | 8.0        |  |
| 22x               | 77007115 | 29832  | 1800 | 16.6         | 10            | GammaFilter, no periodic trigger, Horizontal                        | OFF              | 53        | 1090               | 31             | 14            | 0.11           | 0.45     | 8.0        |  |
| 22x               | 77007129 | 29769  | 1800 | 16.5         | 16            | GammaFilter, no periodic trigger, Horizontal                        | OFF              | 53        | 1057               | 30             | 14            | 0.11           | 0.47     | 8.0        |  |
| 22x               | 77007130 | 29695  | 1800 | 16.5         | 15            | GammaFilter, no periodic trigger, Horizontal                        | OFF              | 54        | 1059               | 30             | 14            | 0.11           | 0.47     | 8.0        |  |
| 22x               | 77007131 | 29813  | 1800 | 16.6         | 9             | GammaFilter, no periodic trigger, Horizontal                        | OFF              | 54        | 1055               | 30             | 14            | 0.11           | 0.47     | 8.0        |  |
| 22x               | 77007132 | 29685  | 1800 | 16.5         | 14            | GammaFilter, no periodic trigger, Horizontal                        | OFF              | 53        | 1060               | 30             | 14            | 0.11           | 0.47     | 8.0        |  |
| 22x               | 77007136 | 29870  | 1800 | 16.6         | 15            | GammaFilter, no periodic trigger, Horizontal                        | OFF              | 53        | 1053               | 30             | 14            | 0.11           | 0.47     | 8.0        |  |
| 22x               | 77007140 | 30057  | 1800 | 16.7         | 18            | GammaFilter, no periodic trigger, Horizontal                        | OFF              | 53        | 1047               | 30             | 14            | 0.11           | 0.47     | 8.0        |  |
| 22x               | 77007144 | 29820  | 1800 | 16.6         | 11            | GammaFilter, no periodic trigger, Horizontal                        | OFF              | 53        | 1055               | 30             | 14            | 0.11           | 0.47     | 8.0        |  |
| 22x               | 77007148 | 29992  | 1800 | 16.7         | 12            | GammaFilter, no periodic trigger, Horizontal                        | OFF              | 54        | 1049               | 30             | 14            | 0.11           | 0.47     | 8.0        |  |
| 22x               | 77007153 | 29791  | 1800 | 16.6         | 18            | GammaFilter, no periodic trigger, Horizontal                        | OFF              | 53        | 1056               | 30             | 16            | 0.11           | 0.53     | 7.0        |  |
| 22x               | 77007175 | 29940  | 1800 | 16.6         | 23            | GammaFilter, no periodic trigger, Horizontal                        | OFF              | 53        | 1051               | 30             | 16            | 0.11           | 0.53     | 7.0        |  |
| 22x               | 77007176 | 29850  | 1800 | 16.6         | 11            | GammaFilter, no periodic trigger, Horizontal                        | OFF              | 54        | 1054               | 30             | 16            | 0.11           | 0.53     | 7.0        |  |
| 22x               | 77007250 | 30028  | 1800 | 16.7         | 17            | GammaFilter, no periodic trigger, Horizontal                        | OFF              | 54        | 1048               | 30             | 16            | 0.11           | 0.53     | 7.0        |  |
| 22x               | 77007261 | 29822  | 1800 | 16.6         | 14            | GammaFilter, no periodic trigger, Horizontal                        | OFF              | 53        | 1055               | 30             | 16            | 0.11           | 0.53     | 7.0        |  |
| 22x               | 77007279 | 30359  | 1800 | 16.9         | 5             | GammaFilter, no periodic trigger, Horizontal                        | OFF              | 54        | 1071               | 31             | 16            | 0.11           | 0.52     | 7.0        |  |
| 22x               | 77007298 | 30247  | 1800 | 16.8         | 12            | GammaFilter, no periodic trigger, Horizontal                        | OFF              | 53        | 1075               | 31             | 16            | 0.11           | 0.52     | 7.0        |  |
| 22x               | 77007333 | 29761  | 1800 | 16.5         | 10            | GammaFilter, no periodic trigger, Horizontal                        | OFF              | 53        | 1057               | 30             | 16            | 0.11           | 0.53     | 7.0        |  |

|     |          |        |      |       |     |  |     |    |      |     |     |      |      |     |
|-----|----------|--------|------|-------|-----|--|-----|----|------|-----|-----|------|------|-----|
| 22x | 77007334 | 29827  | 1800 | 16.6  | 8   | GammaFilter, no periodic trigger, Horizontal | OFF | 54 | 1055 | 30  | 16  | 0.11 | 0.53 | 7.0 |
| 22x | 77007009 | 119523 | 7200 | 16.6  | 45  | GammaFilter, no periodic trigger, Horizontal | OFF | 54 | 1062 | 121 | 54  | 0.43 | 0.45 | 8.2 |
| 22x | 77007098 | 149841 | 612  | 244.8 | 29  | Horizontal                                   | OFF | 66 | 2113 | 302 | 291 | 1.1  | 0.96 | 3.9 |
| 22x | 77007151 | 150725 | 612  | 246.3 | 31  | Horizontal                                   | OFF | 66 | 2115 | 304 | 305 | 1.1  | 1.00 | 3.7 |
| 22x | 77007152 | 151499 | 612  | 247.5 | 34  | Horizontal                                   | OFF | 66 | 2111 | 305 | 306 | 1.1  | 1.00 | 3.7 |
| 22x | 77007133 | 443633 | 1800 | 246.5 | 109 | Horizontal                                   | OFF | 66 | 2113 | 894 | 859 | 3.2  | 0.96 | 3.8 |
| 22x | 77007134 | 444334 | 1800 | 246.9 | 114 | Horizontal                                   | OFF | 66 | 2112 | 895 | 861 | 3.2  | 0.96 | 3.8 |
| 22x | 77007135 | 444138 | 1800 | 246.7 | 92  | Horizontal                                   | OFF | 66 | 2113 | 895 | 861 | 3.2  | 0.96 | 3.8 |
| 22x | 77007137 | 443057 | 1800 | 246.1 | 97  | Horizontal                                   | OFF | 66 | 2113 | 893 | 860 | 3.2  | 0.96 | 3.8 |
| 22x | 77007138 | 443902 | 1800 | 246.6 | 98  | Horizontal                                   | OFF | 66 | 2114 | 895 | 861 | 3.2  | 0.96 | 3.8 |
| 22x | 77007139 | 444092 | 1800 | 246.7 | 126 | Horizontal                                   | OFF | 66 | 2111 | 894 | 860 | 3.2  | 0.96 | 3.8 |
| 22x | 77007141 | 444896 | 1800 | 247.2 | 87  | Horizontal                                   | OFF | 66 | 2112 | 896 | 861 | 3.2  | 0.96 | 3.8 |
| 22x | 77007142 | 444877 | 1800 | 247.2 | 102 | Horizontal                                   | OFF | 66 | 2110 | 895 | 861 | 3.2  | 0.96 | 3.8 |
| 22x | 77007143 | 443967 | 1800 | 246.6 | 91  | Horizontal                                   | OFF | 67 | 2111 | 894 | 860 | 3.2  | 0.96 | 3.8 |
| 22x | 77007145 | 444346 | 1800 | 246.9 | 96  | Horizontal                                   | OFF | 66 | 2110 | 894 | 860 | 3.2  | 0.96 | 3.8 |
| 22x | 77007146 | 445421 | 1800 | 247.5 | 106 | Horizontal                                   | OFF | 66 | 2107 | 895 | 860 | 3.2  | 0.96 | 3.8 |
| 22x | 77007147 | 445785 | 1800 | 247.7 | 90  | Horizontal                                   | OFF | 66 | 2110 | 897 | 863 | 3.2  | 0.96 | 3.8 |
| 22x | 77007149 | 445630 | 1800 | 247.6 | 98  | Horizontal                                   | OFF | 66 | 2108 | 896 | 863 | 3.2  | 0.96 | 3.8 |
| 22x | 77007150 | 443352 | 1800 | 246.3 | 96  | Horizontal                                   | OFF | 66 | 2114 | 894 | 861 | 3.2  | 0.96 | 3.8 |
| 22x | 77007177 | 444584 | 1800 | 247.0 | 98  | Horizontal                                   | OFF | 66 | 2113 | 896 | 896 | 3.2  | 1.00 | 3.7 |
| 22x | 77007179 | 446168 | 1800 | 247.9 | 99  | Horizontal                                   | OFF | 66 | 2110 | 898 | 898 | 3.2  | 1.00 | 3.6 |
| 22x | 77007180 | 445921 | 1800 | 247.7 | 122 | Horizontal                                   | OFF | 66 | 2112 | 898 | 897 | 3.2  | 1.00 | 3.7 |
| 22x | 77007251 | 448160 | 1800 | 249.0 | 105 | Horizontal                                   | OFF | 66 | 2103 | 899 | 895 | 3.2  | 1.00 | 3.7 |
| 22x | 77007262 | 449452 | 1800 | 249.7 | 105 | Horizontal                                   | OFF | 66 | 2102 | 901 | 898 | 3.2  | 1.00 | 3.6 |
| 22x | 77007281 | 448663 | 1800 | 249.3 | 93  | Horizontal                                   | OFF | 66 | 2103 | 900 | 897 | 3.2  | 1.00 | 3.7 |
| 22x | 77007299 | 447707 | 1800 | 248.7 | 85  | Horizontal                                   | OFF | 66 | 2106 | 899 | 896 | 3.2  | 1.00 | 3.7 |
| 22x | 77007335 | 447092 | 1800 | 248.4 | 85  | Horizontal                                   | OFF | 66 | 2106 | 898 | 896 | 3.2  | 1.00 | 3.7 |
| 22x | 77007336 | 448013 | 1800 | 248.9 | 103 | Horizontal                                   | OFF | 66 | 2104 | 899 | 896 | 3.2  | 1.00 | 3.7 |
| 22x | 77007337 | 446016 | 1800 | 247.8 | 136 | Horizontal                                   | OFF | 67 | 2111 | 898 | 896 | 3.2  | 1.00 | 3.7 |
| 22x | 77007338 | 446601 | 1800 | 248.1 | 106 | Horizontal                                   | OFF | 66 | 2108 | 898 | 895 | 3.2  | 1.00 | 3.7 |
| 22x | 77007356 | 447386 | 1800 | 248.5 | 102 | Horizontal                                   | OFF | 66 | 2109 | 900 | 896 | 3.2  | 1.00 | 3.7 |
| 22x | 77007357 | 445430 | 1800 | 247.5 | 97  | Horizontal                                   | OFF | 66 | 2112 | 897 | 894 | 3.2  | 1.00 | 3.7 |
| 22x | 77007358 | 447130 | 1800 | 248.4 | 86  | Horizontal                                   | OFF | 66 | 2108 | 899 | 896 | 3.2  | 1.00 | 3.7 |
| 22x | 77007382 | 445487 | 1800 | 247.5 | 105 | Horizontal                                   | OFF | 66 | 2109 | 896 | 893 | 3.2  | 1.00 | 3.7 |
| 22x | 77007432 | 443004 | 1800 | 246.1 | 95  | Horizontal                                   | OFF | 66 | 2116 | 894 | 892 | 3.2  | 1.00 | 3.7 |
| 22x | 77007433 | 444450 | 1800 | 246.9 | 97  | Horizontal                                   | OFF | 66 | 2114 | 896 | 894 | 3.2  | 1.00 | 3.7 |
| 22x | 77007434 | 442253 | 1800 | 245.7 | 83  | Horizontal                                   | OFF | 66 | 2120 | 894 | 893 | 3.2  | 1.00 | 3.7 |
| 22x | 77007435 | 442273 | 1800 | 245.7 | 89  | Horizontal                                   | OFF | 66 | 2120 | 894 | 892 | 3.2  | 1.00 | 3.7 |
| 22x | 77007458 | 442103 | 1800 | 245.6 | 106 | Horizontal                                   | OFF | 66 | 2120 | 894 | 893 | 3.2  | 1.00 | 3.7 |
| 22x | 77007459 | 443535 | 1800 | 246.4 | 85  | Horizontal                                   | OFF | 66 | 2121 | 897 | 897 | 3.2  | 1.00 | 3.7 |
| 22x | 77007460 | 443358 | 1800 | 246.3 | 114 | Horizontal                                   | OFF | 66 | 2119 | 896 | 896 | 3.2  | 1.00 | 3.7 |
| 22x | 77007461 | 441732 | 1800 | 245.4 | 85  | Horizontal                                   | OFF | 66 | 2120 | 893 | 893 | 3.2  | 1.00 | 3.7 |
| 70x | 77007084 | 443083 | 1800 | 246.2 | 93  | All settings nominal, Horizontal             | OFF | 66 | 2090 | 883 | 860 | 3.2  | 0.97 | 3.8 |
| 70x | 77007078 | 150195 | 612  | 245.4 | 34  | All settings nominal, Horizontal             | OFF | 67 | 2115 | 303 | 292 | 1.1  | 0.96 | 3.9 |

|     |          |        |      |       |     |  |     |    |      |     |     |     |      |     |
|-----|----------|--------|------|-------|-----|--|-----|----|------|-----|-----|-----|------|-----|
| 70x | 77007407 | 151307 | 612  | 247.2 | 29  | All settings nominal, Horizontal                       | OFF | 66 | 2114 | 305 | 304 | 1.1 | 1.00 | 3.7 |
| 71x | 77007085 | 440878 | 1800 | 244.9 | 100 | Cal muon gain, TKR&&ROI is 4-range readout, Horizontal | OFF | 66 | 2143 | 901 | 869 | 3.1 | 0.96 | 3.7 |
| 71x | 77007079 | 149585 | 612  | 244.4 | 27  | Cal muon gain, TKR&&ROI is 4-range readout, Horizontal | OFF | 67 | 2145 | 306 | 295 | 1.1 | 0.96 | 3.8 |