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0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
0.000E+00 0.000E+00 0.000E+00 0.000E+00 2.285E-08 2.437E-08 2.395E-08 2.108E-08 1.935E-08 1.688E-08
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1.593E-08	1.397E-08	1.010E-08	7.377E-09	6.629E-09	6.980E-09	6.106E-09	4.324E-09	4.121E-09	4.747E-09
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
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1.956E-08	1.654E-08	1.092E-08	4.813E-09	4.421E-09	6.297E-09	5.470E-09	3.060E-09	2.936E-09	4.164E-09
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
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0.000E+00 0.000E+00 0.000E+00 0.000E+00 2.536E-08 2.906E-08 2.927E-08 2.490E-08 2.078E-08 2.012E-08
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1.979E-08 1.768E-08 1.238E-08 5.746E-09 4.898E-09 7.382E-09 6.205E-09 3.259E-09 3.069E-09 4.409E-09

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0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.885E-10	1.737E-10
2.079E-10	4.380E-10	7.079E-10	7.818E-10	7.923E-10	8.407E-10	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.082E-09	4.592E-09	4.768E-09	1.162E-08	1.983E-08	2.368E-08
2.462E-08	2.796E-08	3.344E-08	3.729E-08	3.718E-08	2.785E-08	1.460E-08	4.553E-09	4.012E-09	6.278E-09
8.099E-09	7.743E-09	8.015E-09	1.298E-08	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.316E-10	1.940E-10
2.350E-10	4.771E-10	7.282E-10	7.865E-10	8.022E-10	8.757E-10	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.475E-09	8.418E-09	9.227E-09	1.377E-08	1.934E-08	2.414E-08
2.634E-08	3.029E-08	3.371E-08	3.572E-08	3.436E-08	2.822E-08	1.769E-08	1.062E-08	8.378E-09	1.058E-08
1.332E-08	1.433E-08	1.566E-08	1.944E-08	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.073E-10	4.656E-10
5.016E-10	6.170E-10	7.789E-10	8.292E-10	8.713E-10	9.642E-10	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
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0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	4.045E-08	3.974E-08	3.824E-08	3.228E-08	1.954E-08	1.271E-08	9.796E-09	1.199E-08
1.905E-08	2.474E-08	2.651E-08	2.916E-08	3.323E-08	3.656E-08	3.673E-08	3.629E-08	3.048E-08	2.665E-08
3.124E-08	3.506E-08	3.290E-08	2.989E-08	2.929E-08	2.874E-08	2.210E-08	1.327E-08	1.219E-08	7.725E-09
0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.289E-10	6.256E-10	9.314E-10	1.161E-09	1.127E-09	8.138E-10
8.190E-10	1.195E-09	8.676E-10	9.024E-10	9.429E-10	1.369E-09	1.492E-09	1.591E-09	1.440E-09	

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0.000E+00 0.000E+00 5.245E-08 5.352E-08 5.167E-08 4.434E-08 3.346E-08 2.793E-08 2.630E-08 2.754E-08
3.154E-08 3.658E-08 3.969E-08 3.939E-08 3.880E-08 4.065E-08 3.997E-08 3.873E-08 4.027E-08 5.061E-08
5.374E-08 6.559E-08 9.155E-08 1.131E-07 1.100E-07 8.666E-08 6.586E-08 4.863E-08 4.337E-08 4.036E-08
1.826E-08 6.537E-09 4.832E-09 9.716E-09 3.126E-09 2.644E-09 2.840E-09 4.105E-09 4.540E-09 5.504E-09
5.474E-09 5.673E-09 4.160E-09 4.159E-09 3.855E-09 4.475E-09 1.640E-09 1.068E-09 9.827E-10 1.106E-09
3.142E-09 3.360E-09 5.008E-09 1.298E-08 2.712E-08 3.158E-08 3.619E-08 4.820E-08 7.103E-08 8.241E-08
8.101E-08 7.568E-08 7.395E-08 7.515E-08 7.054E-08 5.790E-08 3.991E-08 3.445E-08 3.161E-08 2.582E-08
1.855E-08 1.217E-08 1.169E-08 1.237E-08 0.000E+00 0.000E+00 0.000E+00 0.000E+00 1.051E-08 1.053E-08
1.054E-08 1.056E-08 1.059E-08 1.059E-08 1.059E-08 1.059E-08
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0.000E+00
0.000E+00 0.000E+00 5.466E-08 5.926E-08 5.886E-08 4.924E-08 3.468E-08 2.759E-08 2.730E-08 2.950E-08
3.447E-08 4.113E-08 4.128E-08 3.997E-08 3.865E-08 3.952E-08 3.962E-08 3.951E-08 4.372E-08 5.122E-08
5.310E-08 7.114E-08 1.164E-07 1.588E-07 1.562E-07 1.107E-07 7.370E-08 5.593E-08 5.416E-08 4.189E-08
2.244E-08 3.648E-09 4.030E-09 7.527E-09 7.074E-09 3.378E-09 3.558E-09 4.720E-09 6.665E-09 7.752E-09
7.707E-09 6.877E-09 6.968E-09 5.755E-09 5.848E-09 5.366E-09 1.382E-09 4.341E-10 5.036E-10 1.035E-09
1.265E-09 1.506E-09 3.276E-09 1.202E-08 2.717E-08 2.989E-08 3.212E-08 4.695E-08 7.667E-08 9.380E-08
9.007E-08 7.761E-08 7.624E-08 8.302E-08 7.860E-08 5.920E-08 3.812E-08 3.405E-08 3.271E-08 2.550E-08
1.564E-08 1.021E-08 1.050E-08 1.173E-08 0.000E+00 0.000E+00 0.000E+00 0.000E+00 1.051E-08 1.051E-08
1.052E-08 1.056E-08 1.059E-08 1.060E-08 1.060E-08 1.059E-08
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0.000E+00 0.000E+00 5.391E-08 5.887E-08 5.931E-08 5.253E-08 3.781E-08 2.851E-08 2.814E-08 3.014E-08
3.687E-08 4.065E-08 4.085E-08 3.757E-08 3.693E-08 3.909E-08 3.920E-08 3.890E-08 4.172E-08 5.143E-08
5.374E-08 7.496E-08 1.163E-07 1.558E-07 1.534E-07 1.198E-07 8.135E-08 5.821E-08 5.621E-08 4.684E-08
2.774E-08 7.850E-09 6.522E-09 1.075E-08 9.333E-09 3.649E-09 3.912E-09 6.865E-09 8.348E-09 7.971E-09
8.032E-09 1.046E-08 9.557E-09 6.363E-09 6.617E-09 6.578E-09 3.802E-09 4.938E-10 5.386E-10 1.186E-09
1.459E-09 1.777E-09 4.044E-09 1.281E-08 2.725E-08 3.015E-08 3.259E-08 4.570E-08 7.273E-08 9.106E-08
8.640E-08 7.232E-08 7.180E-08 8.067E-08 7.521E-08 5.505E-08 3.628E-08 3.351E-08 3.165E-08 2.418E-08
1.344E-08 1.040E-08 1.060E-08 1.172E-08 0.000E+00 0.000E+00 0.000E+00 0.000E+00 1.055E-08 1.051E-08

1.053E-08	1.056E-08	1.058E-08	1.060E-08	1.060E-08	1.059E-08				
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00									
0.000E+00	0.000E+00	5.064E-08	5.520E-08	5.522E-08	5.270E-08	4.456E-08	3.836E-08	3.418E-08	3.521E-08
3.543E-08	3.671E-08	3.503E-08	3.345E-08	3.370E-08	3.412E-08	3.454E-08	3.526E-08	4.495E-08	4.907E-08
5.799E-08	7.298E-08	9.761E-08	1.168E-07	1.230E-07	1.093E-07	9.005E-08	7.759E-08	7.279E-08	6.631E-08
4.502E-08	3.320E-08	2.410E-08	2.333E-08	1.635E-08	1.192E-08	7.886E-09	9.358E-09	1.066E-08	1.074E-08
1.256E-08	1.392E-08	1.436E-08	1.347E-08	1.175E-08	9.727E-09	6.204E-09	3.551E-09	1.406E-09	1.703E-09
3.752E-09	4.156E-09	9.008E-09	1.535E-08	2.799E-08	3.277E-08	3.618E-08	4.264E-08	5.667E-08	6.520E-08
6.176E-08	5.620E-08	5.518E-08	5.761E-08	5.305E-08	4.272E-08	3.032E-08	2.726E-08	2.505E-08	2.070E-08
1.353E-08	1.183E-08	1.148E-08	1.159E-08	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.059E-08	1.057E-08
1.057E-08	1.058E-08	1.058E-08	1.059E-08	1.059E-08	1.059E-08				
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.110E-08	1.827E-08
2.126E-08	3.408E-08	5.095E-08	5.793E-08	5.870E-08	5.618E-08	4.837E-08	4.295E-08	4.017E-08	3.662E-08
3.154E-08	3.000E-08	3.002E-08	2.767E-08	2.578E-08	2.445E-08	2.519E-08	2.740E-08	3.008E-08	3.427E-08
4.552E-08	5.941E-08	7.596E-08	8.691E-08	9.028E-08	9.489E-08	1.027E-07	1.022E-07	9.001E-08	8.082E-08
6.668E-08	6.206E-08	5.435E-08	3.781E-08	2.387E-08	1.800E-08	1.675E-08	1.437E-08	1.553E-08	1.723E-08
1.793E-08	2.052E-08	2.133E-08	2.464E-08	2.258E-08	1.624E-08	8.205E-09	4.419E-09	3.487E-09	2.285E-09
5.679E-09	6.912E-09	1.075E-08	1.714E-08	2.624E-08	3.206E-08	3.815E-08	3.710E-08	3.351E-08	2.778E-08
3.211E-08	3.383E-08	3.055E-08	2.379E-08	2.103E-08	2.252E-08	1.911E-08	1.439E-08	1.054E-08	1.201E-08
1.222E-08	1.175E-08	1.161E-08	1.015E-08	1.043E-08	1.081E-08	1.079E-08	1.033E-08	1.064E-08	1.060E-08
1.060E-08	1.059E-08	1.059E-08	1.059E-08	1.059E-08	1.059E-08				
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.685E-08	1.047E-08
1.089E-08	2.777E-08	5.099E-08	6.623E-08	6.700E-08	5.965E-08	4.921E-08	4.374E-08	4.323E-08	3.851E-08
2.964E-08	2.605E-08	2.573E-08	2.487E-08	2.174E-08	1.781E-08	1.790E-08	2.290E-08	2.670E-08	2.806E-08
2.886E-08	4.810E-08	6.635E-08	7.181E-08	7.334E-08	8.593E-08	1.065E-07	1.138E-07	1.128E-07	9.420E-08
7.631E-08	7.663E-08	7.418E-08	4.933E-08	2.672E-08	1.711E-08	1.716E-08	1.636E-08	1.851E-08	2.031E-08
2.076E-08	2.316E-08	2.793E-08	3.389E-08	3.234E-08	2.070E-08	7.343E-09	1.830E-09	2.107E-09	2.492E-09
4.552E-09	6.879E-09	7.837E-09	1.693E-08	3.031E-08	4.019E-08	3.791E-08	3.328E-08	2.117E-08	9.153E-09
1.119E-08	2.007E-08	1.506E-08	3.384E-09	5.557E-09	1.275E-08	1.027E-08	3.787E-09	4.959E-09	9.035E-09
1.093E-08	1.108E-08	1.082E-08	1.023E-08	1.031E-08	1.082E-08	1.068E-08	1.033E-08	1.039E-08	1.060E-08
1.061E-08	1.060E-08	1.059E-08	1.060E-08	1.060E-08	1.060E-08				
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.729E-08	1.155E-08
1.234E-08	2.807E-08	4.971E-08	6.519E-08	6.609E-08	6.080E-08	5.000E-08	4.409E-08	4.338E-08	3.609E-08

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3.003E-08 2.557E-08 2.513E-08 2.071E-08 1.772E-08 1.755E-08 1.762E-08 1.817E-08 2.234E-08 2.758E-08
2.853E-08 3.568E-08 5.771E-08 7.023E-08 7.178E-08 8.694E-08 9.782E-08 1.133E-07 1.127E-07 9.993E-08
8.287E-08 7.618E-08 7.358E-08 5.300E-08 3.201E-08 1.840E-08 1.830E-08 2.059E-08 2.215E-08 2.093E-08
2.163E-08 2.621E-08 3.072E-08 3.330E-08 3.188E-08 2.116E-08 9.133E-09 2.279E-09 2.408E-09 2.605E-09
4.562E-09 6.989E-09 8.094E-09 1.458E-08 2.864E-08 3.862E-08 3.629E-08 2.412E-08 1.705E-08 9.397E-09
1.031E-08 1.042E-08 7.371E-09 3.512E-09 4.715E-09 7.874E-09 4.772E-09 3.895E-09 4.877E-09 7.810E-09
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1.060E-08 1.060E-08 1.061E-08 1.060E-08 1.060E-08 1.061E-08
0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 2.026E-08 1.875E-08
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2.724E-08 2.331E-08 1.878E-08 1.659E-08 1.424E-08 1.411E-08 1.415E-08 1.452E-08 1.878E-08 2.146E-08
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5.856E-09 6.964E-09 8.532E-09 1.255E-08 1.903E-08 2.388E-08 2.267E-08 1.814E-08 1.106E-08 8.139E-09
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1.064E-08 1.062E-08 1.061E-08 1.061E-08 1.061E-08 1.061E-08
0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 1.854E-08 2.133E-08
2.340E-08 3.175E-08 4.443E-08 5.327E-08 5.696E-08 5.628E-08 5.386E-08 4.718E-08 4.234E-08 3.621E-08
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0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 1.926E-08 1.754E-08
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5.412E-09	1.683E-08	2.242E-08	2.512E-08	2.726E-08	5.656E-08	9.695E-08	1.210E-07	1.196E-07	1.003E-07
7.317E-08	5.624E-08	5.579E-08	4.856E-08	3.967E-08	3.742E-08	3.698E-08	3.356E-08	3.634E-08	4.208E-08
4.097E-08	3.412E-08	2.902E-08	2.711E-08	2.632E-08	1.809E-08	8.546E-09	2.582E-09	2.651E-09	2.310E-09
2.158E-09	1.732E-09	1.848E-09	5.373E-09	5.302E-09	2.356E-09	3.248E-09	6.049E-09	4.943E-09	2.339E-09
2.496E-09	2.983E-09	3.200E-09	3.198E-09	3.231E-09	3.572E-09	4.257E-09	4.793E-09	4.759E-09	5.420E-09
5.781E-09	5.706E-09	5.791E-09	6.254E-09	5.618E-09	4.795E-09	5.273E-09	7.475E-09	9.837E-09	1.062E-08
1.053E-08	1.066E-08	1.062E-08	1.060E-08	1.061E-08	1.063E-08				
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.041E-08	1.847E-08
1.966E-08	2.933E-08	4.741E-08	5.718E-08	5.791E-08	5.730E-08	5.248E-08	4.833E-08	4.740E-08	4.131E-08
2.535E-08	8.461E-09	7.748E-09	1.616E-08	1.590E-08	6.939E-09	7.117E-09	1.430E-08	1.373E-08	5.883E-09
6.470E-09	1.261E-08	2.082E-08	2.520E-08	2.777E-08	5.018E-08	8.823E-08	1.170E-07	1.157E-07	9.327E-08
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3.966E-08	3.034E-08	2.667E-08	2.649E-08	2.533E-08	1.682E-08	6.782E-09	2.943E-09	2.865E-09	2.099E-09
2.224E-09	1.780E-09	1.857E-09	2.195E-09	4.103E-09	2.476E-09	2.999E-09	4.646E-09	2.568E-09	2.380E-09
2.581E-09	3.094E-09	3.063E-09	3.218E-09	3.356E-09	3.770E-09	4.397E-09	4.767E-09	4.813E-09	4.913E-09
5.666E-09	5.679E-09	5.674E-09	5.503E-09	5.104E-09	4.888E-09	5.468E-09	7.342E-09	9.388E-09	1.054E-08
1.070E-08	1.068E-08	1.065E-08	1.061E-08	1.062E-08	1.065E-08				
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.317E-08	2.606E-08
2.799E-08	3.370E-08	4.350E-08	4.916E-08	5.303E-08	5.331E-08	5.270E-08	5.180E-08	5.080E-08	4.615E-08
3.452E-08	2.637E-08	2.526E-08	2.870E-08	2.776E-08	2.566E-08	2.397E-08	2.448E-08	2.226E-08	1.815E-08
1.307E-08	1.450E-08	2.217E-08	2.404E-08	3.017E-08	4.412E-08	6.785E-08	8.404E-08	8.635E-08	7.468E-08
6.231E-08	5.490E-08	4.765E-08	4.189E-08	3.250E-08	3.064E-08	2.776E-08	2.670E-08	2.654E-08	2.891E-08
2.813E-08	2.451E-08	2.009E-08	1.944E-08	1.760E-08	1.303E-08	7.115E-09	4.714E-09	3.948E-09	2.302E-09
2.220E-09	2.098E-09	2.098E-09	2.401E-09	2.156E-09	2.098E-09	2.195E-09	4.523E-09	2.578E-09	2.613E-09
2.775E-09	3.277E-09	3.356E-09	3.454E-09	3.653E-09	3.904E-09	4.418E-09	4.612E-09	4.741E-09	4.852E-09
5.087E-09	5.200E-09	5.138E-09	5.298E-09	5.104E-09	5.083E-09	5.935E-09	7.453E-09	8.905E-09	9.760E-09
1.035E-08	1.071E-08	1.069E-08	1.067E-08	1.067E-08	1.068E-08				
0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.303E-08	1.218E-08	1.334E-08	1.794E-08	2.581E-08	3.285E-08
3.464E-08	3.690E-08	4.110E-08	4.618E-08	4.935E-08	5.217E-08	5.926E-08	6.286E-08	5.954E-08	5.444E-08
5.194E-08	4.836E-08	4.551E-08	4.717E-08	5.179E-08	5.403E-08	5.305E-08	4.688E-08	3.647E-08	2.857E-08
2.743E-08	2.378E-08	1.445E-08	1.298E-08	2.242E-08	3.572E-08	5.230E-08	5.902E-08	6.198E-08	6.150E-08
5.427E-08	4.311E-08	3.581E-08	3.217E-08	2.249E-08	1.457E-08	1.357E-08	1.579E-08	1.524E-08	1.288E-08

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1.040E-08 1.075E-08 1.076E-08 1.076E-08 1.076E-08 1.075E-08
0.000E+00 0.000E+00 0.000E+00 0.000E+00 1.197E-08 9.854E-09 9.967E-09 1.641E-08 2.693E-08 3.636E-08
3.709E-08 3.762E-08 4.105E-08 4.457E-08 4.486E-08 5.014E-08 6.210E-08 6.939E-08 6.962E-08 6.084E-08
5.818E-08 5.628E-08 5.635E-08 5.616E-08 6.401E-08 7.415E-08 7.369E-08 5.888E-08 4.182E-08 3.500E-08
3.428E-08 2.785E-08 1.250E-08 6.246E-09 7.109E-09 2.680E-08 4.677E-08 5.335E-08 5.361E-08 5.409E-08
4.655E-08 3.436E-08 3.401E-08 2.976E-08 1.539E-08 3.744E-09 4.333E-09 9.997E-09 9.019E-09 4.612E-09
5.144E-09 9.188E-09 8.111E-09 4.048E-09 4.406E-09 5.544E-09 4.648E-09 3.134E-09 3.119E-09 2.913E-09
2.860E-09 2.931E-09 2.920E-09 2.792E-09 2.873E-09 3.037E-09 3.032E-09 3.015E-09 3.236E-09 3.458E-09
3.458E-09 3.533E-09 3.686E-09 3.981E-09 3.953E-09 4.054E-09 4.389E-09 4.511E-09 4.524E-09 4.699E-09
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1.062E-08 1.077E-08 1.079E-08 1.080E-08 1.079E-08 1.078E-08
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1.079E-08 1.079E-08 1.079E-08 1.080E-08 1.080E-08 1.079E-08
0.000E+00 0.000E+00 0.000E+00 0.000E+00 1.392E-08 1.392E-08 1.480E-08 1.786E-08 2.417E-08 2.811E-08
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9.218E-08 1.036E-07 1.060E-07 1.066E-07 1.066E-07 1.133E-07 1.107E-07 9.747E-08 8.495E-08 8.230E-08
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9.781E-09 9.114E-09 8.533E-09 8.353E-09 8.165E-09 7.975E-09
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9.868E-09 7.507E-09 4.411E-09 2.420E-09 2.976E-09 4.271E-09
0.000E+00 0.000E+00 0.000E+00 0.000E+00 1.963E-08 1.986E-08 1.988E-08 1.967E-08 1.988E-08 2.075E-08
2.083E-08 2.030E-08 2.061E-08 2.153E-08 2.157E-08 2.170E-08 2.605E-08 2.622E-08 2.686E-08 3.355E-08
4.728E-08 5.814E-08 5.945E-08 6.142E-08 6.930E-08 8.629E-08 8.644E-08 7.632E-08 7.068E-08 7.682E-08
7.456E-08 5.280E-08 2.630E-08 7.918E-09 7.043E-09 7.685E-09 6.803E-09 3.050E-09 3.124E-09 3.574E-09
4.053E-09 2.568E-09 2.644E-09 3.120E-09 2.128E-09 2.096E-09 2.084E-09 2.121E-09 2.204E-09 2.153E-09
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6.069E-08 5.088E-08 3.355E-08 2.432E-08 1.924E-08 1.784E-08 1.105E-08 8.685E-09 5.348E-09 4.895E-09
3.883E-09 3.096E-09 2.165E-09 2.149E-09 2.109E-09 2.097E-09 2.089E-09 2.094E-09 2.100E-09 2.105E-09
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4.377E-09 6.041E-09 8.529E-09 9.771E-09 1.063E-08 1.081E-08 1.109E-08 1.108E-08 1.104E-08 1.066E-08
1.093E-08 1.090E-08 1.085E-08 1.043E-08 1.069E-08 1.065E-08 9.764E-09 9.055E-09 7.941E-09 7.655E-09
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0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 1.656E-08 1.535E-08
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4.488E-08 4.719E-08 3.963E-08 3.669E-08 3.056E-08 2.309E-08 1.646E-08 1.264E-08 1.133E-08 8.041E-09

4.429E-09	3.102E-09	2.774E-09	2.150E-09	2.108E-09	2.094E-09	2.091E-09	2.090E-09	2.103E-09	2.108E-09
2.112E-09	2.122E-09	2.134E-09	2.139E-09	2.137E-09	2.140E-09	2.146E-09	2.160E-09	2.301E-09	2.463E-09
2.615E-09	2.618E-09	2.661E-09	2.722E-09	2.696E-09	2.615E-09	2.538E-09	2.596E-09	2.643E-09	3.136E-09
4.152E-09	6.016E-09	8.285E-09	1.008E-08	1.071E-08	1.066E-08	1.107E-08	1.104E-08	1.101E-08	1.051E-08
1.092E-08	1.090E-08	1.085E-08	1.030E-08	1.022E-08	1.014E-08	9.683E-09	7.861E-09	5.928E-09	4.450E-09
4.014E-09	3.602E-09	3.148E-09	2.784E-09	2.742E-09	2.821E-09				
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.490E-08	1.297E-08
1.292E-08	1.589E-08	1.914E-08	2.081E-08	2.091E-08	2.076E-08	2.001E-08	1.892E-08	1.884E-08	2.093E-08
1.960E-08	1.474E-08	1.465E-08	2.207E-08	2.184E-08	1.134E-08	1.196E-08	3.015E-08	4.559E-08	4.388E-08
4.437E-08	4.649E-08	4.104E-08	4.085E-08	4.010E-08	2.874E-08	1.794E-08	1.359E-08	1.330E-08	9.683E-09
4.306E-09	2.403E-09	2.394E-09	2.163E-09	2.104E-09	2.082E-09	2.083E-09	2.088E-09	2.105E-09	2.110E-09
2.112E-09	2.123E-09	2.142E-09	2.150E-09	2.150E-09	2.150E-09	2.162E-09	2.172E-09	2.177E-09	2.364E-09
2.469E-09	2.404E-09	2.443E-09	2.590E-09	2.646E-09	2.581E-09	2.588E-09	2.629E-09	2.687E-09	2.787E-09
3.096E-09	5.702E-09	8.919E-09	1.103E-08	1.077E-08	1.056E-08	1.057E-08	1.093E-08	1.077E-08	1.039E-08
1.045E-08	1.083E-08	1.065E-08	1.021E-08	1.018E-08	1.048E-08	9.902E-09	7.493E-09	4.291E-09	2.215E-09
2.633E-09	2.927E-09	2.742E-09	2.466E-09	2.536E-09	2.695E-09				
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.469E-08	1.332E-08
1.345E-08	1.601E-08	1.895E-08	2.049E-08	2.066E-08	2.042E-08	1.986E-08	1.899E-08	1.884E-08	1.821E-08
1.869E-08	1.535E-08	1.516E-08	1.798E-08	1.883E-08	1.389E-08	1.470E-08	3.167E-08	4.299E-08	4.521E-08
4.601E-08	4.961E-08	4.287E-08	3.967E-08	3.877E-08	3.038E-08	2.120E-08	1.451E-08	1.387E-08	1.024E-08
6.158E-09	2.687E-09	2.554E-09	2.165E-09	2.118E-09	2.085E-09	2.087E-09	2.091E-09	2.105E-09	2.112E-09
2.118E-09	2.135E-09	2.148E-09	2.152E-09	2.159E-09	2.174E-09	2.177E-09	2.179E-09	2.206E-09	2.271E-09
2.454E-09	2.430E-09	2.428E-09	2.635E-09	2.595E-09	2.599E-09	2.647E-09	2.732E-09	2.771E-09	2.965E-09
3.341E-09	5.060E-09	8.311E-09	1.048E-08	9.966E-09	9.353E-09	9.575E-09	1.061E-08	1.006E-08	9.183E-09
9.454E-09	1.050E-08	9.912E-09	8.974E-09	9.196E-09	9.978E-09	8.953E-09	6.296E-09	3.815E-09	2.542E-09
2.385E-09	2.651E-09	2.263E-09	2.380E-09	2.345E-09	2.252E-09				
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.547E-08	1.489E-08
1.537E-08	1.702E-08	1.864E-08	1.959E-08	1.984E-08	1.971E-08	1.948E-08	1.919E-08	1.891E-08	1.837E-08
1.683E-08	1.599E-08	1.717E-08	1.816E-08	2.030E-08	2.044E-08	2.766E-08	3.586E-08	4.701E-08	5.225E-08
5.284E-08	5.057E-08	4.571E-08	4.167E-08	3.497E-08	3.107E-08	2.375E-08	1.997E-08	1.600E-08	1.332E-08
7.604E-09	5.096E-09	2.903E-09	2.762E-09	2.130E-09	2.105E-09	2.092E-09	2.100E-09	2.109E-09	2.117E-09
2.134E-09	2.145E-09	2.162E-09	2.167E-09	2.182E-09	2.193E-09	2.216E-09	2.220E-09	2.266E-09	2.317E-09

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1.732E-09 1.689E-09 1.584E-09 1.525E-09 1.542E-09 1.583E-09

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0.000E+00	0.000E+00	9.868E-09	8.234E-09	8.432E-09	1.159E-08	1.520E-08	1.681E-08	1.714E-08	1.855E-08
1.985E-08	2.081E-08	2.071E-08	2.026E-08	2.137E-08	2.258E-08	2.382E-08	3.203E-08	4.903E-08	6.345E-08
6.349E-08	7.048E-08	8.214E-08	1.016E-07	1.009E-07	8.036E-08	6.292E-08	5.449E-08	5.241E-08	3.896E-08
2.164E-08	8.082E-09	7.958E-09	7.523E-09	6.038E-09	2.741E-09	3.483E-09	5.092E-09	5.151E-09	3.324E-09
3.996E-09	5.605E-09	5.121E-09	2.934E-09	3.249E-09	4.048E-09	3.638E-09	2.451E-09	2.535E-09	2.801E-09
2.792E-09	2.601E-09	2.661E-09	2.860E-09	3.136E-09	3.297E-09	3.314E-09	3.364E-09	3.408E-09	3.420E-09
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2.381E-09	2.324E-09	2.275E-09	2.161E-09	2.018E-09	1.954E-09	1.932E-09	1.869E-09	1.789E-09	1.741E-09
1.719E-09	1.671E-09	1.591E-09	1.542E-09	1.551E-09	1.579E-09				
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0.000E+00	0.000E+00	1.084E-08	1.016E-08	1.064E-08	1.263E-08	1.493E-08	1.643E-08	1.718E-08	1.799E-08
1.925E-08	1.966E-08	1.963E-08	1.924E-08	2.147E-08	2.187E-08	2.417E-08	2.919E-08	4.186E-08	4.871E-08
5.354E-08	5.786E-08	6.702E-08	7.362E-08	7.572E-08	6.995E-08	6.049E-08	5.625E-08	5.217E-08	4.458E-08
2.876E-08	2.144E-08	1.576E-08	1.441E-08	9.605E-09	7.806E-09	7.035E-09	8.002E-09	8.592E-09	8.578E-09
8.814E-09	8.888E-09	8.250E-09	7.430E-09	6.194E-09	5.888E-09	5.090E-09	4.401E-09	3.403E-09	3.274E-09
3.060E-09	2.871E-09	2.712E-09	2.866E-09	3.119E-09	3.237E-09	3.331E-09	3.349E-09	3.376E-09	3.378E-09
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2.337E-09	2.292E-09	2.199E-09	2.121E-09	1.993E-09	1.944E-09	1.899E-09	1.868E-09	1.796E-09	1.774E-09
1.732E-09	1.679E-09	1.619E-09	1.584E-09	1.579E-09	1.588E-09				
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0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
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3.774E-08	4.634E-08	5.139E-08	4.756E-08	4.833E-08	5.737E-08	5.869E-08	5.855E-08	5.187E-08	4.444E-08
3.451E-08	2.968E-08	2.509E-08	1.823E-08	1.564E-08	1.250E-08	1.210E-08	1.366E-08	1.768E-08	1.621E-08
1.586E-08	1.769E-08	1.620E-08	1.221E-08	1.148E-08	1.289E-08	1.017E-08	5.757E-09	5.365E-09	7.810E-09
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3.312E-09	3.219E-09	3.079E-09	2.991E-09	2.916E-09	2.805E-09	2.675E-09	2.591E-09	2.529E-09	2.424E-09

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2.137E-08 2.101E-08 1.837E-08 1.514E-08 1.561E-08 1.536E-08 1.099E-08 6.685E-09 7.462E-09 9.094E-09
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2.962E-08 3.691E-08 4.214E-08 3.676E-08 3.778E-08 4.973E-08 5.330E-08 5.713E-08 5.496E-08 4.729E-08
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3.313E-09 3.208E-09 3.049E-09 2.960E-09 2.920E-09 2.795E-09 2.646E-09 2.561E-09 2.516E-09 2.387E-09
2.240E-09 2.154E-09 2.392E-09 2.694E-09 2.612E-09 2.197E-09 2.354E-09 2.566E-09 2.253E-09 1.805E-09
1.750E-09 1.627E-09 1.540E-09 1.535E-09 1.520E-09 1.489E-09
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3.497E-08 3.115E-08 3.061E-08 3.042E-08 2.820E-08 2.748E-08 3.326E-08 3.782E-08 4.118E-08 4.231E-08
4.552E-08 4.661E-08 4.472E-08 4.181E-08 4.026E-08 4.019E-08 3.636E-08 3.277E-08 2.835E-08 2.681E-08
2.215E-08 1.853E-08 1.402E-08 1.347E-08 1.161E-08 1.006E-08 7.356E-09 6.607E-09 5.329E-09 4.438E-09
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2.217E-09 2.156E-09 2.740E-09 3.228E-09 3.672E-09 3.841E-09 3.708E-09 3.288E-09 2.609E-09 2.200E-09
1.610E-09 1.543E-09 1.465E-09 1.436E-09 1.424E-09 1.420E-09
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4.055E-08 4.377E-08 5.069E-08 6.060E-08 6.195E-08 5.348E-08 4.785E-08 4.494E-08 4.340E-08 3.701E-08

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3.114E-08 2.937E-08 2.737E-08 2.851E-08 3.901E-08 4.463E-08 4.563E-08 5.155E-08 6.051E-08 7.144E-08
7.106E-08 6.604E-08 6.640E-08 7.105E-08 6.822E-08 5.975E-08 5.744E-08 5.833E-08 5.447E-08 4.375E-08
3.526E-08 3.105E-08 2.862E-08 2.324E-08 1.773E-08 1.497E-08 1.369E-08 1.078E-08 5.777E-09 4.282E-09
3.981E-09 3.145E-09 3.026E-09 2.933E-09 2.862E-09 2.750E-09 2.969E-09 2.526E-09 2.452E-09 2.709E-09
2.534E-09 2.447E-09 2.716E-09 4.058E-09 5.545E-09 6.351E-09 5.831E-09 4.541E-09 2.675E-09 1.946E-09
1.829E-09 1.417E-09 1.309E-09 1.238E-09 1.243E-09 1.277E-09
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4.195E-08 4.519E-08 5.605E-08 7.007E-08 6.910E-08 5.646E-08 4.596E-08 4.139E-08 4.098E-08 3.553E-08
2.817E-08 2.400E-08 2.443E-08 2.839E-08 4.413E-08 5.100E-08 5.159E-08 5.701E-08 7.079E-08 8.584E-08
8.464E-08 7.520E-08 7.590E-08 8.339E-08 8.200E-08 6.945E-08 6.609E-08 7.018E-08 6.838E-08 5.239E-08
3.929E-08 3.558E-08 3.521E-08 2.775E-08 1.945E-08 1.703E-08 1.685E-08 1.265E-08 5.468E-09 3.461E-09
3.590E-09 3.149E-09 2.985E-09 2.891E-09 2.882E-09 2.755E-09 2.956E-09 2.532E-09 2.657E-09 2.804E-09
2.509E-09 2.117E-09 2.537E-09 4.306E-09 6.647E-09 8.177E-09 7.572E-09 5.214E-09 2.419E-09 1.472E-09
1.587E-09 1.368E-09 1.225E-09 1.145E-09 1.166E-09 1.213E-09
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3.930E-08 4.055E-08 4.997E-08 6.308E-08 6.197E-08 4.798E-08 4.088E-08 3.864E-08 3.718E-08 3.005E-08
2.322E-08 2.336E-08 2.646E-08 3.367E-08 4.326E-08 5.175E-08 5.601E-08 6.414E-08 7.513E-08 8.468E-08
8.475E-08 8.074E-08 8.004E-08 8.191E-08 8.335E-08 7.650E-08 7.223E-08 6.939E-08 6.984E-08 5.924E-08
4.768E-08 3.751E-08 3.809E-08 3.281E-08 2.594E-08 1.822E-08 1.774E-08 1.365E-08 8.368E-09 3.884E-09
3.757E-09 3.097E-09 2.952E-09 2.894E-09 3.126E-09 3.404E-09 3.322E-09 2.880E-09 3.265E-09 3.775E-09
3.368E-09 2.643E-09 3.368E-09 5.211E-09 6.931E-09 7.642E-09 7.148E-09 5.164E-09 2.993E-09 1.691E-09
1.631E-09 1.281E-09 1.179E-09 1.147E-09 1.146E-09 1.152E-09
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2.931E-08 3.096E-08 3.618E-08 3.976E-08 3.906E-08 3.490E-08 3.015E-08 2.854E-08 2.673E-08 2.331E-08
1.932E-08 1.836E-08 2.631E-08 3.489E-08 4.921E-08 5.703E-08 6.591E-08 6.999E-08 7.740E-08 8.014E-08

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8.135E-09 8.262E-09 8.280E-09 7.608E-09 7.865E-09 7.712E-09 6.970E-09 5.072E-09 2.595E-09 1.445E-09
1.405E-09 1.068E-09 9.632E-10 9.068E-10 9.184E-10 9.548E-10
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1.409E-08 1.406E-08 7.064E-09 6.445E-09 6.379E-09 6.648E-09 6.289E-09 6.225E-09 5.119E-09 4.218E-09
7.530E-09 7.600E-09 1.943E-08 3.537E-08 6.002E-08 7.363E-08 8.526E-08 8.641E-08 9.039E-08 8.958E-08
8.926E-08 8.947E-08 8.895E-08 8.826E-08 8.209E-08 7.814E-08 7.270E-08 6.999E-08 6.176E-08 5.690E-08
4.996E-08 4.781E-08 4.339E-08 3.888E-08 3.060E-08 2.836E-08 2.482E-08 1.949E-08 1.047E-08 7.052E-09
5.235E-09 4.805E-09 3.234E-09 3.265E-09 4.041E-09 5.167E-09 6.834E-09 7.674E-09 8.237E-09 8.212E-09
8.390E-09 8.338E-09 8.026E-09 7.761E-09 7.057E-09 6.841E-09 5.801E-09 4.594E-09 2.847E-09 2.057E-09
1.504E-09 1.395E-09 1.001E-09 9.762E-10 9.736E-10 9.827E-10
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3.200E-09 7.180E-09 1.512E-08 3.430E-08 6.365E-08 8.575E-08 9.185E-08 9.283E-08 9.817E-08 1.016E-07
1.006E-07 9.620E-08 9.144E-08 9.086E-08 8.853E-08 7.623E-08 6.081E-08 5.052E-08 4.840E-08 4.699E-08
3.471E-08 2.592E-08 2.412E-08 2.661E-08 2.234E-08 1.840E-08 1.506E-08 1.272E-08 8.619E-09 5.709E-09
3.822E-09 3.077E-09 2.837E-09 3.061E-09 3.711E-09 4.949E-09 6.747E-09 7.786E-09 8.131E-09 8.212E-09
8.131E-09 8.051E-09 7.892E-09 7.336E-09 6.674E-09 5.993E-09 5.343E-09 4.139E-09 2.747E-09 1.659E-09
1.276E-09 1.299E-09 2.051E-09 1.751E-09 1.982E-09 2.653E-09
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3.057E-09 2.810E-09 4.648E-09 3.047E-08 7.065E-08 9.725E-08 9.642E-08 9.442E-08 1.021E-07 1.073E-07
1.064E-07 9.972E-08 9.296E-08 9.451E-08 9.248E-08 7.671E-08 5.618E-08 4.144E-08 4.206E-08 4.157E-08
2.624E-08 1.508E-08 1.634E-08 2.124E-08 1.761E-08 1.350E-08 1.328E-08 1.117E-08 6.785E-09 3.652E-09
3.698E-09 3.152E-09 2.797E-09 2.726E-09 2.938E-09 4.688E-09 7.090E-09 8.306E-09 8.161E-09 8.114E-09
8.035E-09 8.049E-09 7.904E-09 7.217E-09 6.249E-09 5.653E-09 5.538E-09 4.096E-09 2.278E-09 1.075E-09

1.284E-09	1.369E-09	2.111E-09	1.105E-09	1.654E-09	3.062E-09				
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
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0.000E+00	0.000E+00	1.184E-08	1.276E-08	1.248E-08	1.088E-08	9.285E-09	8.220E-09	7.847E-09	6.496E-09
4.040E-09	6.036E-09	9.986E-09	2.860E-08	6.353E-08	8.713E-08	9.111E-08	9.269E-08	9.716E-08	1.042E-07
1.037E-07	9.617E-08	9.213E-08	9.120E-08	8.799E-08	7.413E-08	5.393E-08	4.405E-08	4.276E-08	4.050E-08
2.635E-08	1.834E-08	1.782E-08	2.041E-08	1.712E-08	1.329E-08	1.289E-08	1.026E-08	5.103E-09	3.918E-09
3.745E-09	3.010E-09	2.760E-09	2.883E-09	3.231E-09	4.420E-09	6.572E-09	7.910E-09	7.711E-09	7.640E-09
7.630E-09	7.845E-09	7.508E-09	6.766E-09	6.081E-09	5.616E-09	5.290E-09	4.401E-09	2.610E-09	1.533E-09
2.574E-09	3.737E-09	3.617E-09	2.404E-09	3.109E-09	4.791E-09				
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
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0.000E+00	0.000E+00	1.143E-08	1.185E-08	1.153E-08	1.093E-08	1.021E-08	9.692E-09	9.047E-09	7.605E-09
1.037E-08	1.016E-08	1.606E-08	2.827E-08	5.035E-08	6.260E-08	7.442E-08	7.974E-08	9.165E-08	9.657E-08
9.718E-08	9.236E-08	8.339E-08	7.966E-08	7.669E-08	7.119E-08	5.644E-08	4.931E-08	4.548E-08	4.091E-08
2.938E-08	2.448E-08	2.136E-08	2.163E-08	1.353E-08	1.288E-08	1.185E-08	9.757E-09	4.897E-09	3.970E-09
3.621E-09	3.347E-09	2.943E-09	2.921E-09	3.428E-09	4.284E-09	5.613E-09	6.325E-09	6.730E-09	6.719E-09
6.864E-09	6.881E-09	6.690E-09	6.326E-09	5.555E-09	5.289E-09	5.041E-09	4.574E-09	3.654E-09	3.261E-09
4.860E-09	6.217E-09	7.322E-09	7.929E-09	8.206E-09	8.285E-09				
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
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0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00									
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0.000E+00									
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.158E-08	1.230E-08	1.168E-08	8.913E-09
7.104E-09	5.170E-09	1.136E-08	2.299E-08	4.007E-08	4.468E-08	5.384E-08	6.846E-08	8.513E-08	

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5.123E-09 5.393E-09 5.320E-09 5.000E-09 4.309E-09 3.962E-09 3.666E-09 3.119E-09 3.507E-09 3.397E-
09
5.411E-09 8.550E-09 1.218E-08 1.444E-08 1.498E-08 1.468E-08