

Frequency	Signal Level	Low Freq Sum	High Freq Sum
6.139430E+08	6.864596E-10	6.864596E-10	2.000887E-01
6.139431E+08	7.489777E-10	1.435437E-09	2.000887E-01
6.139431E+08	7.032015E-10	2.138639E-09	2.000887E-01
6.139432E+08	6.562532E-10	2.794892E-09	2.000887E-01
6.139433E+08	6.091068E-10	3.403999E-09	2.000887E-01
6.139433E+08	5.689401E-10	3.972939E-09	2.000887E-01
6.139434E+08	5.351977E-10	4.508137E-09	2.000887E-01
6.139434E+08	5.076774E-10	5.015814E-09	2.000887E-01
6.139435E+08	4.813066E-10	5.497121E-09	2.000887E-01
6.139436E+08	4.582866E-10	5.955407E-09	2.000887E-01
6.139436E+08	4.388535E-10	6.394261E-09	2.000887E-01
6.139437E+08	4.272448E-10	6.821506E-09	2.000887E-01
6.139438E+08	4.206800E-10	7.242186E-09	2.000887E-01
6.139438E+08	4.167600E-10	7.658946E-09	2.000887E-01
6.139439E+08	4.085173E-10	8.067463E-09	2.000887E-01
6.139439E+08	3.970210E-10	8.464484E-09	2.000887E-01
6.139440E+08	3.838411E-10	8.848325E-09	2.000887E-01
6.139441E+08	3.748573E-10	9.223182E-09	2.000887E-01
6.139441E+08	3.696186E-10	9.592801E-09	2.000887E-01
6.139442E+08	3.705036E-10	9.963304E-09	2.000886E-01
6.139443E+08	3.745350E-10	1.033784E-08	2.000886E-01
6.139443E+08	3.800502E-10	1.071789E-08	2.000886E-01
6.139444E+08	3.805691E-10	1.109846E-08	2.000886E-01
6.139444E+08	3.777917E-10	1.147625E-08	2.000886E-01
6.139445E+08	3.733812E-10	1.184963E-08	2.000886E-01
6.139446E+08	3.705042E-10	1.222014E-08	2.000886E-01
6.139446E+08	3.642023E-10	1.258434E-08	2.000886E-01
6.139447E+08	3.559491E-10	1.294029E-08	2.000886E-01
6.139448E+08	3.483898E-10	1.328868E-08	2.000886E-01
6.139448E+08	3.468277E-10	1.363550E-08	2.000886E-01
6.139449E+08	3.475148E-10	1.398302E-08	2.000886E-01
6.139449E+08	3.494442E-10	1.433246E-08	2.000886E-01
6.139450E+08	3.502674E-10	1.468273E-08	2.000886E-01
6.139451E+08	3.510524E-10	1.503378E-08	2.000886E-01
6.139451E+08	3.478842E-10	1.538167E-08	2.000886E-01
6.139452E+08	3.443079E-10	1.572598E-08	2.000886E-01
6.139453E+08	3.447015E-10	1.607068E-08	2.000886E-01
6.139453E+08	3.546251E-10	1.642530E-08	2.000886E-01

GE Medical Systems Information Technologies 8200 West Tower Ave. Milwaukee,
 ApexPro transmitter running normal data pattern.

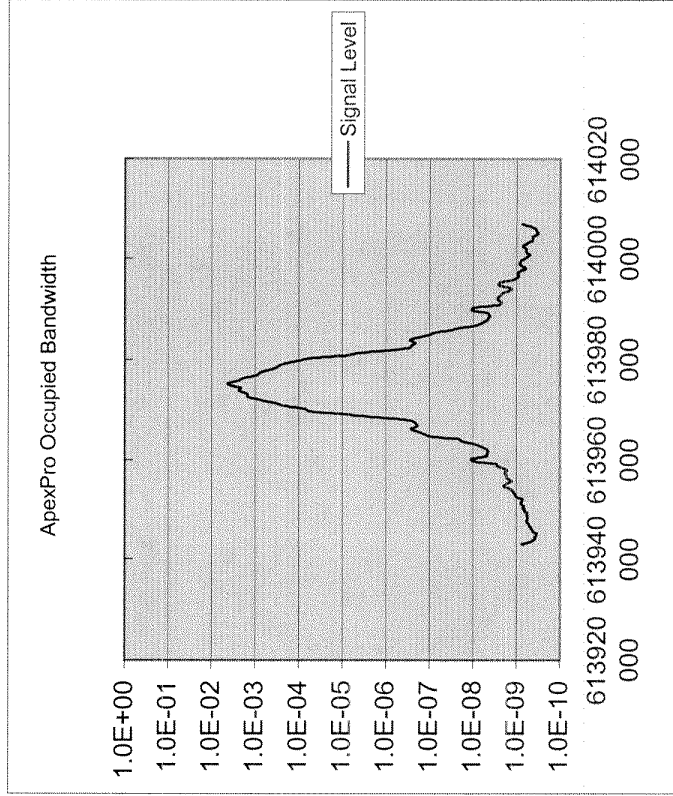
Total Power 2.000887E-01

Power * 0.005 1.0004443E-03

Lower Freq 6.139703E+08 Hz

Upper Freq 6.139798E+08 Hz

Total Bandwidth 9500 Hz



6.139454E+08	3.694223E-10	1.679472E-08	2.000886E-01
6.139454E+08	3.866218E-10	1.718135E-08	2.000886E-01
6.139455E+08	4.027508E-10	1.758410E-08	2.000886E-01
6.139456E+08	4.181331E-10	1.800223E-08	2.000886E-01
6.139456E+08	4.253393E-10	1.842757E-08	2.000886E-01
6.139457E+08	4.247918E-10	1.885236E-08	2.000886E-01
6.139458E+08	4.200933E-10	1.927245E-08	2.000886E-01
6.139458E+08	4.196663E-10	1.969212E-08	2.000886E-01
6.139459E+08	4.217268E-10	2.011385E-08	2.000886E-01
6.139459E+08	4.273874E-10	2.054124E-08	2.000886E-01
6.139460E+08	4.358443E-10	2.097708E-08	2.000886E-01
6.139461E+08	4.487286E-10	2.142581E-08	2.000886E-01
6.139461E+08	4.577620E-10	2.188357E-08	2.000886E-01
6.139462E+08	4.605618E-10	2.234413E-08	2.000886E-01
6.139463E+08	4.579100E-10	2.280204E-08	2.000886E-01
6.139463E+08	4.575964E-10	2.325964E-08	2.000886E-01
6.139464E+08	4.588725E-10	2.371851E-08	2.000886E-01
6.139464E+08	4.639985E-10	2.418251E-08	2.000886E-01
6.139465E+08	4.725743E-10	2.465508E-08	2.000886E-01
6.139466E+08	4.863307E-10	2.514141E-08	2.000886E-01
6.139466E+08	4.974153E-10	2.563883E-08	2.000886E-01
6.139467E+08	5.039657E-10	2.614280E-08	2.000886E-01
6.139468E+08	5.063100E-10	2.664911E-08	2.000886E-01
6.139468E+08	5.101701E-10	2.715928E-08	2.000886E-01
6.139469E+08	5.118402E-10	2.767112E-08	2.000886E-01
6.139469E+08	5.122694E-10	2.818338E-08	2.000886E-01
6.139470E+08	5.127662E-10	2.869615E-08	2.000886E-01
6.139471E+08	5.189424E-10	2.921509E-08	2.000886E-01
6.139471E+08	5.264541E-10	2.974155E-08	2.000886E-01
6.139472E+08	5.340260E-10	3.027557E-08	2.000886E-01
6.139473E+08	5.403277E-10	3.081590E-08	2.000886E-01
6.139473E+08	5.493688E-10	3.136527E-08	2.000886E-01
6.139474E+08	5.571796E-10	3.192245E-08	2.000886E-01
6.139474E+08	5.641058E-10	3.248656E-08	2.000886E-01
6.139475E+08	5.699432E-10	3.305650E-08	2.000886E-01
6.139476E+08	5.779117E-10	3.363441E-08	2.000886E-01
6.139476E+08	5.821720E-10	3.421658E-08	2.000886E-01
6.139477E+08	5.814400E-10	3.479802E-08	2.000886E-01
6.139478E+08	5.760174E-10	3.537404E-08	2.000886E-01
6.139478E+08	5.718709E-10	3.594591E-08	2.000886E-01

6.139479E+08	5.673345E-10	3.651325E-08	2.000886E-01
6.139479E+08	5.636910E-10	3.707694E-08	2.000886E-01
6.139480E+08	5.605856E-10	3.763752E-08	2.000886E-01
6.139481E+08	5.603988E-10	3.819792E-08	2.000886E-01
6.139481E+08	5.583242E-10	3.875624E-08	2.000886E-01
6.139482E+08	5.542038E-10	3.931045E-08	2.000886E-01
6.139483E+08	5.494118E-10	3.985986E-08	2.000886E-01
6.139483E+08	5.494592E-10	4.040932E-08	2.000886E-01
6.139484E+08	5.521844E-10	4.096150E-08	2.000886E-01
6.139484E+08	5.565693E-10	4.151807E-08	2.000886E-01
6.139485E+08	5.599774E-10	4.207805E-08	2.000886E-01
6.139486E+08	5.632688E-10	4.264132E-08	2.000886E-01
6.139486E+08	5.627737E-10	4.320409E-08	2.000886E-01
6.139487E+08	5.598104E-10	4.376390E-08	2.000886E-01
6.139488E+08	5.565906E-10	4.432049E-08	2.000886E-01
6.139488E+08	5.580464E-10	4.487854E-08	2.000886E-01
6.139489E+08	5.62221E-10	4.544076E-08	2.000886E-01
6.139489E+08	5.680477E-10	4.600881E-08	2.000886E-01
6.139490E+08	5.728895E-10	4.658170E-08	2.000886E-01
6.139491E+08	5.767569E-10	4.715846E-08	2.000886E-01
6.139491E+08	5.756264E-10	4.773408E-08	2.000886E-01
6.139492E+08	5.705105E-10	4.830459E-08	2.000886E-01
6.139493E+08	5.644238E-10	4.886902E-08	2.000886E-01
6.139493E+08	5.639899E-10	4.943301E-08	2.000886E-01
6.139494E+08	5.703356E-10	5.000334E-08	2.000886E-01
6.139494E+08	5.848084E-10	5.058815E-08	2.000886E-01
6.139495E+08	6.053096E-10	5.119346E-08	2.000886E-01
6.139496E+08	6.294106E-10	5.182287E-08	2.000886E-01
6.139496E+08	6.487688E-10	5.247164E-08	2.000886E-01
6.139497E+08	6.588218E-10	5.313046E-08	2.000886E-01
6.139498E+08	6.583534E-10	5.378881E-08	2.000886E-01
6.139498E+08	6.525916E-10	5.444141E-08	2.000886E-01
6.139499E+08	6.446170E-10	5.508602E-08	2.000886E-01
6.139499E+08	6.401768E-10	5.572620E-08	2.000886E-01
6.139500E+08	6.428190E-10	5.636902E-08	2.000886E-01
6.139501E+08	6.553037E-10	5.702432E-08	2.000886E-01
6.139501E+08	6.732399E-10	5.769756E-08	2.000886E-01
6.139502E+08	6.924587E-10	5.839002E-08	2.000886E-01
6.139503E+08	7.075692E-10	5.909759E-08	2.000886E-01
6.139503E+08	7.159060E-10	5.981350E-08	2.000886E-01

6.139504E+08	7.133093E-10	6.052681E-08	2.000886E-01
6.139504E+08	7.019761E-10	6.122878E-08	2.000886E-01
6.139505E+08	6.872574E-10	6.191604E-08	2.000886E-01
6.139506E+08	6.770329E-10	6.259307E-08	2.000886E-01
6.139506E+08	6.732773E-10	6.326635E-08	2.000886E-01
6.139507E+08	6.769490E-10	6.394330E-08	2.000886E-01
6.139508E+08	6.864016E-10	6.462970E-08	2.000886E-01
6.139508E+08	7.009829E-10	6.533068E-08	2.000886E-01
6.139509E+08	7.172405E-10	6.604792E-08	2.000886E-01
6.139509E+08	7.345443E-10	6.678247E-08	2.000886E-01
6.139510E+08	7.523958E-10	6.753486E-08	2.000886E-01
6.139511E+08	7.708699E-10	6.830573E-08	2.000886E-01
6.139511E+08	7.854698E-10	6.909120E-08	2.000886E-01
6.139512E+08	7.936942E-10	6.988490E-08	2.000886E-01
6.139513E+08	7.943314E-10	7.067923E-08	2.000886E-01
6.139513E+08	7.894650E-10	7.146869E-08	2.000886E-01
6.139514E+08	7.789980E-10	7.224769E-08	2.000886E-01
6.139514E+08	7.657589E-10	7.301345E-08	2.000886E-01
6.139515E+08	7.531180E-10	7.376657E-08	2.000886E-01
6.139516E+08	7.456403E-10	7.451221E-08	2.000886E-01
6.139516E+08	7.433725E-10	7.525558E-08	2.000886E-01
6.139517E+08	7.456830E-10	7.600126E-08	2.000886E-01
6.139518E+08	7.496736E-10	7.675094E-08	2.000886E-01
6.139518E+08	7.525635E-10	7.750350E-08	2.000886E-01
6.139519E+08	7.496423E-10	7.825314E-08	2.000886E-01
6.139519E+08	7.407442E-10	7.899389E-08	2.000886E-01
6.139520E+08	7.296862E-10	7.972357E-08	2.000886E-01
6.139521E+08	7.241837E-10	8.044776E-08	2.000886E-01
6.139521E+08	7.291436E-10	8.117690E-08	2.000886E-01
6.139522E+08	7.477655E-10	8.192467E-08	2.000886E-01
6.139523E+08	7.788237E-10	8.270349E-08	2.000886E-01
6.139523E+08	8.186898E-10	8.352218E-08	2.000886E-01
6.139524E+08	8.603587E-10	8.438254E-08	2.000886E-01
6.139524E+08	8.998273E-10	8.528237E-08	2.000886E-01
6.139525E+08	9.360047E-10	8.621837E-08	2.000886E-01
6.139526E+08	9.706075E-10	8.718898E-08	2.000886E-01
6.139526E+08	1.001759E-09	8.819074E-08	2.000886E-01
6.139527E+08	1.027198E-09	8.921794E-08	2.000886E-01
6.139528E+08	1.044358E-09	9.026229E-08	2.000886E-01
6.139528E+08	1.053723E-09	9.131602E-08	2.000886E-01

6.139529E+08	1.055809E-09	9.237183E-08	2.000886E-01
6.139529E+08	1.054779E-09	9.342660E-08	2.000886E-01
6.139530E+08	1.055688E-09	9.448229E-08	2.000886E-01
6.139531E+08	1.063401E-09	9.554569E-08	2.000886E-01
6.139531E+08	1.077202E-09	9.662290E-08	2.000886E-01
6.139532E+08	1.094483E-09	9.771738E-08	2.000886E-01
6.139533E+08	1.111469E-09	9.882885E-08	2.000886E-01
6.139533E+08	1.126740E-09	9.995559E-08	2.000886E-01
6.139534E+08	1.138840E-09	1.010944E-07	2.000886E-01
6.139534E+08	1.149178E-09	1.022436E-07	2.000886E-01
6.139535E+08	1.159819E-09	1.034034E-07	2.000886E-01
6.139536E+08	1.173742E-09	1.045772E-07	2.000886E-01
6.139536E+08	1.190727E-09	1.057679E-07	2.000886E-01
6.139537E+08	1.210438E-09	1.069783E-07	2.000886E-01
6.139538E+08	1.231467E-09	1.082098E-07	2.000886E-01
6.139538E+08	1.253018E-09	1.094628E-07	2.000886E-01
6.139539E+08	1.273015E-09	1.107358E-07	2.000886E-01
6.139539E+08	1.292209E-09	1.120280E-07	2.000885E-01
6.139540E+08	1.313354E-09	1.133414E-07	2.000885E-01
6.139541E+08	1.340836E-09	1.146822E-07	2.000885E-01
6.139541E+08	1.376118E-09	1.160583E-07	2.000885E-01
6.139542E+08	1.420534E-09	1.174789E-07	2.000885E-01
6.139543E+08	1.475465E-09	1.189543E-07	2.000885E-01
6.139543E+08	1.543801E-09	1.204981E-07	2.000885E-01
6.139544E+08	1.624992E-09	1.221231E-07	2.000885E-01
6.139544E+08	1.715392E-09	1.238385E-07	2.000885E-01
6.139545E+08	1.806510E-09	1.256450E-07	2.000885E-01
6.139546E+08	1.888025E-09	1.275331E-07	2.000885E-01
6.139546E+08	1.947402E-09	1.294805E-07	2.000885E-01
6.139547E+08	1.976508E-09	1.314570E-07	2.000885E-01
6.139548E+08	1.973185E-09	1.334302E-07	2.000885E-01
6.139548E+08	1.943566E-09	1.353737E-07	2.000885E-01
6.139549E+08	1.897183E-09	1.372709E-07	2.000885E-01
6.139549E+08	1.846444E-09	1.391174E-07	2.000885E-01
6.139550E+08	1.801178E-09	1.409185E-07	2.000885E-01
6.139551E+08	1.767026E-09	1.426856E-07	2.000885E-01
6.139551E+08	1.741996E-09	1.444276E-07	2.000885E-01
6.139552E+08	1.720274E-09	1.461478E-07	2.000885E-01
6.139553E+08	1.692976E-09	1.478408E-07	2.000885E-01
6.139553E+08	1.652218E-09	1.494930E-07	2.000885E-01

6.139554E+08	1.592812E+09	1.510858E-07	2.000885E-01
6.139554E+08	1.517700E-09	1.526035E-07	2.000885E-01
6.139555E+08	1.437116E-09	1.540407E-07	2.000885E-01
6.139556E+08	1.365698E-09	1.554063E-07	2.000885E-01
6.139556E+08	1.315019E-09	1.567214E-07	2.000885E-01
6.139557E+08	1.290788E-09	1.580122E-07	2.000885E-01
6.139558E+08	1.290787E-09	1.593029E-07	2.000885E-01
6.139558E+08	1.308218E-09	1.606112E-07	2.000885E-01
6.139559E+08	1.335153E-09	1.619463E-07	2.000885E-01
6.139559E+08	1.367472E-09	1.633138E-07	2.000885E-01
6.139560E+08	1.404548E-09	1.647183E-07	2.000885E-01
6.139561E+08	1.447312E-09	1.661656E-07	2.000885E-01
6.139561E+08	1.493998E-09	1.676596E-07	2.000885E-01
6.139562E+08	1.540573E-09	1.692002E-07	2.000885E-01
6.139563E+08	1.581834E-09	1.707821E-07	2.000885E-01
6.139563E+08	1.614798E-09	1.723968E-07	2.000885E-01
6.139564E+08	1.639364E-09	1.740362E-07	2.000885E-01
6.139564E+08	1.659302E-09	1.756955E-07	2.000885E-01
6.139565E+08	1.679025E-09	1.773745E-07	2.000885E-01
6.139566E+08	1.700953E-09	1.790755E-07	2.000885E-01
6.139566E+08	1.722785E-09	1.807983E-07	2.000885E-01
6.139567E+08	1.739641E-09	1.825379E-07	2.000885E-01
6.139568E+08	1.746033E-09	1.842840E-07	2.000885E-01
6.139568E+08	1.739820E-09	1.860238E-07	2.000885E-01
6.139569E+08	1.723678E-09	1.877475E-07	2.000885E-01
6.139569E+08	1.706450E-09	1.894539E-07	2.000885E-01
6.139570E+08	1.698511E-09	1.911524E-07	2.000885E-01
6.139571E+08	1.707117E-09	1.928595E-07	2.000885E-01
6.139571E+08	1.732189E-09	1.945917E-07	2.000885E-01
6.139572E+08	1.768428E-09	1.963601E-07	2.000885E-01
6.139573E+08	1.807379E-09	1.981675E-07	2.000885E-01
6.139573E+08	1.840434E-09	2.000080E-07	2.000885E-01
6.139574E+08	1.859512E-09	2.018675E-07	2.000885E-01
6.139574E+08	1.860238E-09	2.037277E-07	2.000885E-01
6.139575E+08	1.842814E-09	2.055705E-07	2.000885E-01
6.139576E+08	1.812295E-09	2.073828E-07	2.000885E-01
6.139576E+08	1.775513E-09	2.091583E-07	2.000885E-01
6.139577E+08	1.739300E-09	2.108976E-07	2.000885E-01
6.139578E+08	1.708238E-09	2.126059E-07	2.000884E-01
6.139578E+08	1.684601E-09	2.142905E-07	2.000884E-01

6.139579E+08	1.669263E+09	2.159597E-07	2.000884E-01
6.139579E+08	1.664262E+09	2.176240E-07	2.000884E-01
6.139580E+08	1.673134E+09	2.192971E-07	2.000884E-01
6.139581E+08	1.699541E+09	2.209967E-07	2.000884E-01
6.139581E+08	1.744899E+09	2.227416E-07	2.000884E-01
6.139582E+08	1.807938E+09	2.245495E-07	2.000884E-01
6.139583E+08	1.884725E+09	2.264342E-07	2.000884E-01
6.139583E+08	1.970347E+09	2.284046E-07	2.000884E-01
6.139584E+08	2.060308E+09	2.304649E-07	2.000884E-01
6.139584E+08	2.153514E+09	2.326184E-07	2.000884E-01
6.139585E+08	2.251904E+09	2.348703E-07	2.000884E-01
6.139586E+08	2.357603E+09	2.372279E-07	2.000884E-01
6.139586E+08	2.468488E+09	2.396964E-07	2.000884E-01
6.139587E+08	2.577654E+09	2.422740E-07	2.000884E-01
6.139588E+08	2.675613E+09	2.449497E-07	2.000884E-01
6.139588E+08	2.754350E+09	2.477040E-07	2.000884E-01
6.139589E+08	2.809025E+09	2.505130E-07	2.000884E-01
6.139589E+08	2.839288E+09	2.533523E-07	2.000884E-01
6.139590E+08	2.847781E+09	2.562001E-07	2.000884E-01
6.139591E+08	2.840940E+09	2.590410E-07	2.000884E-01
6.139591E+08	2.832666E+09	2.618737E-07	2.000884E-01
6.139592E+08	2.854267E+09	2.647280E-07	2.000884E-01
6.139593E+08	2.961282E+09	2.676893E-07	2.000884E-01
6.139593E+08	3.228423E+09	2.709177E-07	2.000884E-01
6.139594E+08	3.725754E+09	2.746434E-07	2.000884E-01
6.139594E+08	4.484740E+09	2.791282E-07	2.000884E-01
6.139595E+08	5.470597E+09	2.845988E-07	2.000884E-01
6.139596E+08	6.581118E+09	2.911799E-07	2.000884E-01
6.139596E+08	7.675778E+09	2.988557E-07	2.000884E-01
6.139597E+08	8.625723E+09	3.074814E-07	2.000884E-01
6.139598E+08	9.356639E+09	3.168380E-07	2.000884E-01
6.139598E+08	9.866177E+09	3.267042E-07	2.000883E-01
6.139599E+08	1.020701E+08	3.369112E-07	2.000883E-01
6.139599E+08	1.045447E+08	3.473657E-07	2.000883E-01
6.139600E+08	1.066962E+08	3.580353E-07	2.000883E-01
6.139601E+08	1.087365E+08	3.689090E-07	2.000883E-01
6.139601E+08	1.103653E+08	3.799455E-07	2.000883E-01
6.139602E+08	1.108746E+08	3.910330E-07	2.000883E-01
6.139603E+08	1.094045E+08	4.019734E-07	2.000883E-01
6.139603E+08	1.053114E+08	4.125045E-07	2.000883E-01

6.139604E+08	9.847470E-09	4.223520E-07	2.000882E-01
6.139604E+08	8.945137E-09	4.312971E-07	2.000882E-01
6.139605E+08	7.935062E-09	4.392322E-07	2.000882E-01
6.139606E+08	6.950027E-09	4.461822E-07	2.000882E-01
6.139606E+08	6.103147E-09	4.522854E-07	2.000882E-01
6.139607E+08	5.459981E-09	4.577454E-07	2.000882E-01
6.139608E+08	5.032180E-09	4.627775E-07	2.000882E-01
6.139608E+08	4.791651E-09	4.675692E-07	2.000882E-01
6.139609E+08	4.692000E-09	4.722612E-07	2.000882E-01
6.139609E+08	4.685413E-09	4.769466E-07	2.000882E-01
6.139610E+08	4.729388E-09	4.816760E-07	2.000882E-01
6.139611E+08	4.787847E-09	4.864638E-07	2.000882E-01
6.139611E+08	4.831693E-09	4.912955E-07	2.000882E-01
6.139612E+08	4.842225E-09	4.961378E-07	2.000882E-01
6.139613E+08	4.814256E-09	5.009520E-07	2.000882E-01
6.139613E+08	4.756327E-09	5.057083E-07	2.000882E-01
6.139614E+08	4.685430E-09	5.103938E-07	2.000882E-01
6.139614E+08	4.619047E-09	5.150128E-07	2.000881E-01
6.139615E+08	4.568252E-09	5.195811E-07	2.000881E-01
6.139616E+08	4.536284E-09	5.241174E-07	2.000881E-01
6.139616E+08	4.521158E-09	5.286385E-07	2.000881E-01
6.139617E+08	4.519387E-09	5.331579E-07	2.000881E-01
6.139618E+08	4.527275E-09	5.376852E-07	2.000881E-01
6.139618E+08	4.541110E-09	5.422263E-07	2.000881E-01
6.139619E+08	4.557841E-09	5.467841E-07	2.000881E-01
6.139619E+08	4.577194E-09	5.513613E-07	2.000881E-01
6.139620E+08	4.604264E-09	5.559656E-07	2.000881E-01
6.139621E+08	4.649567E-09	5.606152E-07	2.000881E-01
6.139621E+08	4.725624E-09	5.653408E-07	2.000881E-01
6.139622E+08	4.841157E-09	5.701819E-07	2.000881E-01
6.139623E+08	4.994995E-09	5.751769E-07	2.000881E-01
6.139623E+08	5.176361E-09	5.803533E-07	2.000881E-01
6.139624E+08	5.370580E-09	5.857239E-07	2.000881E-01
6.139624E+08	5.567209E-09	5.912911E-07	2.000881E-01
6.139625E+08	5.763639E-09	5.970547E-07	2.000881E-01
6.139626E+08	5.963926E-09	6.030186E-07	2.000881E-01
6.139626E+08	6.173588E-09	6.091922E-07	2.000881E-01
6.139627E+08	6.395806E-09	6.155880E-07	2.000881E-01
6.139628E+08	6.628965E-09	6.222170E-07	2.000880E-01
6.139628E+08	6.868123E-09	6.290851E-07	2.000880E-01

6.139629E+08	7.109830E+09	6.361950E-07	2.000880E-01
6.139629E+08	7.358918E-09	6.435539E-07	2.000880E-01
6.139630E+08	7.632790E-09	6.511867E-07	2.000880E-01
6.139631E+08	7.959341E-09	6.591460E-07	2.000880E-01
6.139631E+08	8.369172E-09	6.675152E-07	2.000880E-01
6.139632E+08	8.885835E-09	6.764010E-07	2.000880E-01
6.139633E+08	9.519435E-09	6.859204E-07	2.000880E-01
6.139633E+08	1.026738E-08	6.961878E-07	2.000880E-01
6.139634E+08	1.112090E-08	7.073087E-07	2.000880E-01
6.139634E+08	1.207143E-08	7.193802E-07	2.000880E-01
6.139635E+08	1.310935E-08	7.324895E-07	2.000879E-01
6.139636E+08	1.421400E-08	7.467035E-07	2.000879E-01
6.139636E+08	1.534252E-08	7.620460E-07	2.000879E-01
6.139637E+08	1.642812E-08	7.784741E-07	2.000879E-01
6.139638E+08	1.739240E-08	7.958665E-07	2.000879E-01
6.139638E+08	1.816839E-08	8.140349E-07	2.000879E-01
6.139639E+08	1.872414E-08	8.327591E-07	2.000878E-01
6.139639E+08	1.907973E-08	8.518388E-07	2.000878E-01
6.139640E+08	1.931786E-08	8.711567E-07	2.000878E-01
6.139641E+08	1.959878E-08	8.907554E-07	2.000878E-01
6.139641E+08	2.018746E-08	9.109429E-07	2.000878E-01
6.139642E+08	2.148360E-08	9.324265E-07	2.000877E-01
6.139643E+08	2.402276E-08	9.564493E-07	2.000877E-01
6.139643E+08	2.840576E-08	9.848550E-07	2.000877E-01
6.139644E+08	3.513614E-08	1.019991E-06	2.000877E-01
6.139644E+08	4.440088E-08	1.064392E-06	2.000876E-01
6.139645E+08	5.588216E-08	1.120274E-06	2.000876E-01
6.139646E+08	6.871412E-08	1.188988E-06	2.000875E-01
6.139646E+08	8.165103E-08	1.270639E-06	2.000875E-01
6.139647E+08	9.341039E-08	1.364050E-06	2.000874E-01
6.139648E+08	1.030548E-07	1.467105E-06	2.000873E-01
6.139648E+08	1.102428E-07	1.577347E-06	2.000872E-01
6.139649E+08	1.152553E-07	1.692603E-06	2.000871E-01
6.139649E+08	1.188101E-07	1.811413E-06	2.000870E-01
6.139650E+08	1.217711E-07	1.933184E-06	2.000868E-01
6.139651E+08	1.248814E-07	2.058065E-06	2.000867E-01
6.139651E+08	1.286036E-07	2.186669E-06	2.000866E-01
6.139652E+08	1.331031E-07	2.319772E-06	2.000865E-01
6.139653E+08	1.383408E-07	2.458113E-06	2.000863E-01
6.139653E+08	1.442058E-07	2.602319E-06	2.000862E-01

6.139654E+08	1.506163E-07	2.752935E-06	2.000861E-01
6.139654E+08	1.575510E-07	2.910486E-06	2.000859E-01
6.139655E+08	1.650213E-07	3.075507E-06	2.000857E-01
6.139656E+08	1.730332E-07	3.248540E-06	2.000856E-01
6.139656E+08	1.815789E-07	3.430119E-06	2.000854E-01
6.139657E+08	1.906681E-07	3.620787E-06	2.000852E-01
6.139658E+08	2.003538E-07	3.821141E-06	2.000850E-01
6.139658E+08	2.107271E-07	4.031868E-06	2.000848E-01
6.139659E+08	2.218290E-07	4.253697E-06	2.000846E-01
6.139659E+08	2.334877E-07	4.487185E-06	2.000844E-01
6.139660E+08	2.451425E-07	4.732327E-06	2.000842E-01
6.139661E+08	2.557626E-07	4.988090E-06	2.000839E-01
6.139661E+08	2.639667E-07	5.252057E-06	2.000837E-01
6.139662E+08	2.683745E-07	5.520431E-06	2.000834E-01
6.139663E+08	2.680663E-07	5.788498E-06	2.000831E-01
6.139663E+08	2.629412E-07	6.051439E-06	2.000829E-01
6.139664E+08	2.537895E-07	6.305228E-06	2.000826E-01
6.139664E+08	2.420593E-07	6.547288E-06	2.000824E-01
6.139665E+08	2.294459E-07	6.776733E-06	2.000821E-01
6.139666E+08	2.174916E-07	6.994225E-06	2.000819E-01
6.139666E+08	2.073210E-07	7.201546E-06	2.000817E-01
6.139667E+08	1.995374E-07	7.401083E-06	2.000815E-01
6.139668E+08	1.942552E-07	7.595339E-06	2.000813E-01
6.139668E+08	1.912330E-07	7.786572E-06	2.000811E-01
6.139669E+08	1.900615E-07	7.976633E-06	2.000809E-01
6.139669E+08	1.903414E-07	8.166975E-06	2.000807E-01
6.139670E+08	1.917727E-07	8.358747E-06	2.000805E-01
6.139671E+08	1.941383E-07	8.552886E-06	2.000803E-01
6.139671E+08	1.972272E-07	8.750113E-06	2.000801E-01
6.139672E+08	2.007886E-07	8.950901E-06	2.000799E-01
6.139673E+08	2.045589E-07	9.155460E-06	2.000797E-01
6.139673E+08	2.083262E-07	9.363786E-06	2.000795E-01
6.139674E+08	2.119789E-07	9.575765E-06	2.000793E-01
6.139674E+08	2.155139E-07	9.791279E-06	2.000791E-01
6.139675E+08	2.190444E-07	1.001032E-05	2.000789E-01
6.139676E+08	2.228607E-07	1.023318E-05	2.000786E-01
6.139676E+08	2.275259E-07	1.046071E-05	2.000784E-01
6.139677E+08	2.339470E-07	1.069466E-05	2.000782E-01
6.139678E+08	2.433719E-07	1.093803E-05	2.000780E-01
6.139678E+08	2.572987E-07	1.119533E-05	2.000777E-01

6.139679E+08	2.773509E-07	1.147268E-05	2.000775E-01
6.139679E+08	3.051997E-07	1.177788E-05	2.000772E-01
6.139680E+08	3.426131E-07	1.212049E-05	2.000769E-01
6.139681E+08	3.917069E-07	1.251220E-05	2.000765E-01
6.139681E+08	4.554338E-07	1.296763E-05	2.000761E-01
6.139682E+08	5.382503E-07	1.350588E-05	2.000757E-01
6.139683E+08	6.467269E-07	1.415261E-05	2.000752E-01
6.139683E+08	7.896546E-07	1.494226E-05	2.000745E-01
6.139684E+08	9.771066E-07	1.591937E-05	2.000737E-01
6.139684E+08	1.218298E-06	1.713767E-05	2.000727E-01
6.139685E+08	1.518856E-06	1.865652E-05	2.000715E-01
6.139686E+08	1.879136E-06	2.053566E-05	2.000700E-01
6.139686E+08	2.295160E-06	2.283082E-05	2.000681E-01
6.139687E+08	2.762494E-06	2.559331E-05	2.000658E-01
6.139688E+08	3.281063E-06	2.887438E-05	2.000631E-01
6.139688E+08	3.857860E-06	3.273224E-05	2.000598E-01
6.139689E+08	4.505770E-06	3.723801E-05	2.000559E-01
6.139689E+08	5.241587E-06	4.247959E-05	2.000514E-01
6.139690E+08	6.088931E-06	4.856853E-05	2.000462E-01
6.139691E+08	7.091884E-06	5.566041E-05	2.000401E-01
6.139691E+08	8.338497E-06	6.399891E-05	2.000330E-01
6.139692E+08	9.983902E-06	7.398281E-05	2.000247E-01
6.139693E+08	1.225407E-05	8.623688E-05	2.000147E-01
6.139693E+08	1.541226E-05	1.016491E-04	2.000024E-01
6.139694E+08	1.968087E-05	1.213300E-04	1.999870E-01
6.139694E+08	2.513483E-05	1.464648E-04	1.999673E-01
6.139695E+08	3.160599E-05	1.780708E-04	1.999422E-01
6.139696E+08	3.865079E-05	2.167216E-04	1.999106E-01
6.139696E+08	4.561782E-05	2.623394E-04	1.998719E-01
6.139697E+08	5.181306E-05	3.141525E-04	1.998263E-01
6.139698E+08	5.670648E-05	3.708590E-04	1.997745E-01
6.139698E+08	6.009183E-05	4.309508E-04	1.997178E-01
6.139699E+08	6.212746E-05	4.930783E-04	1.996577E-01
6.139699E+08	6.324648E-05	5.563247E-04	1.995956E-01
6.139700E+08	6.399041E-05	6.203152E-04	1.995323E-01
6.139701E+08	6.486584E-05	6.851810E-04	1.994683E-01
6.139701E+08	6.630046E-05	7.514815E-04	1.994035E-01
6.139702E+08	6.870865E-05	8.201901E-04	1.993372E-01
6.139703E+08	7.259076E-05	8.927809E-04	1.992685E-01
6.139703E+08	7.856025E-05	9.713411E-04	1.991959E-01

6.139704E+08	8.722849E-05	1.058570E-03	1.991173E-01
6.139704E+08	9.897483E-05	1.157544E-03	1.990301E-01
6.139705E+08	1.137279E-04	1.271272E-03	1.989311E-01
6.139706E+08	1.308976E-04	1.402170E-03	1.988174E-01
6.139706E+08	1.495261E-04	1.551696E-03	1.986865E-01
6.139707E+08	1.686068E-04	1.720303E-03	1.985370E-01
6.139708E+08	1.874028E-04	1.907706E-03	1.983684E-01
6.139708E+08	2.055990E-04	2.113305E-03	1.981810E-01
6.139709E+08	2.232178E-04	2.336522E-03	1.979754E-01
6.139709E+08	2.403677E-04	2.576890E-03	1.977521E-01
6.139710E+08	2.569852E-04	2.833875E-03	1.975118E-01
6.139711E+08	2.727622E-04	3.106638E-03	1.972548E-01
6.139711E+08	2.873680E-04	3.394006E-03	1.969820E-01
6.139712E+08	3.009295E-04	3.694935E-03	1.966947E-01
6.139713E+08	3.145158E-04	4.009451E-03	1.963937E-01
6.139713E+08	3.302928E-04	4.339744E-03	1.960792E-01
6.139714E+08	3.510527E-04	4.690796E-03	1.957489E-01
6.139714E+08	3.792021E-04	5.069998E-03	1.953979E-01
6.139715E+08	4.156107E-04	5.485609E-03	1.950187E-01
6.139716E+08	4.589873E-04	5.944596E-03	1.946031E-01
6.139716E+08	5.061910E-04	6.450787E-03	1.941441E-01
6.139717E+08	5.534667E-04	7.004254E-03	1.936379E-01
6.139718E+08	5.979678E-04	7.602222E-03	1.930844E-01
6.139718E+08	6.388745E-04	8.241096E-03	1.924864E-01
6.139719E+08	6.775955E-04	8.918692E-03	1.918476E-01
6.139719E+08	7.171618E-04	9.635854E-03	1.911700E-01
6.139720E+08	7.610697E-04	1.039692E-02	1.904528E-01
6.139721E+08	8.122259E-04	1.120915E-02	1.896917E-01
6.139721E+08	8.721956E-04	1.208134E-02	1.888795E-01
6.139722E+08	9.410493E-04	1.302239E-02	1.880073E-01
6.139723E+08	1.017613E-03	1.404001E-02	1.870663E-01
6.139723E+08	1.099899E-03	1.513991E-02	1.860487E-01
6.139724E+08	1.185224E-03	1.632513E-02	1.849488E-01
6.139724E+08	1.270022E-03	1.759515E-02	1.837635E-01
6.139725E+08	1.349456E-03	1.894461E-02	1.824935E-01
6.139726E+08	1.417569E-03	2.036218E-02	1.811441E-01
6.139726E+08	1.468414E-03	2.183059E-02	1.797266E-01
6.139727E+08	1.498145E-03	2.332874E-02	1.782581E-01
6.139728E+08	1.506979E-03	2.483572E-02	1.767599E-01
6.139728E+08	1.499901E-03	2.633562E-02	1.752529E-01

6.139729E+08	1.485411E-03	2.782103E-02	1.737530E-01
6.139729E+08	1.472845E-03	2.929387E-02	1.722676E-01
6.139730E+08	1.469434E-03	3.076331E-02	1.707948E-01
6.139731E+08	1.478488E-03	3.224179E-02	1.693254E-01
6.139731E+08	1.499311E-03	3.374111E-02	1.678469E-01
6.139732E+08	1.528813E-03	3.526992E-02	1.663476E-01
6.139733E+08	1.563961E-03	3.683388E-02	1.648187E-01
6.139733E+08	1.604058E-03	3.843794E-02	1.632548E-01
6.139734E+08	1.651723E-03	4.008966E-02	1.616507E-01
6.139734E+08	1.712052E-03	4.180171E-02	1.599990E-01
6.139735E+08	1.789907E-03	4.359162E-02	1.582869E-01
6.139736E+08	1.886447E-03	4.547807E-02	1.564970E-01
6.139736E+08	1.996794E-03	4.747486E-02	1.546106E-01
6.139737E+08	2.110231E-03	4.958509E-02	1.526138E-01
6.139738E+08	2.212994E-03	5.179809E-02	1.505036E-01
6.139738E+08	2.292383E-03	5.409047E-02	1.482906E-01
6.139739E+08	2.340041E-03	5.643051E-02	1.459982E-01
6.139739E+08	2.353281E-03	5.878379E-02	1.436582E-01
6.139740E+08	2.334461E-03	6.111825E-02	1.413049E-01
6.139741E+08	2.289700E-03	6.340795E-02	1.389704E-01
6.139741E+08	2.228203E-03	6.563615E-02	1.366807E-01
6.139742E+08	2.162746E-03	6.779890E-02	1.344525E-01
6.139743E+08	2.110216E-03	6.990912E-02	1.322898E-01
6.139743E+08	2.090661E-03	7.199978E-02	1.301795E-01
6.139744E+08	2.123720E-03	7.412350E-02	1.280889E-01
6.139744E+08	2.222987E-03	7.634648E-02	1.259652E-01
6.139745E+08	2.390255E-03	7.873674E-02	1.237422E-01
6.139746E+08	2.612857E-03	8.134960E-02	1.213519E-01
6.139746E+08	2.866049E-03	8.421565E-02	1.187391E-01
6.139747E+08	3.120500E-03	8.733615E-02	1.158730E-01
6.139748E+08	3.351576E-03	9.068772E-02	1.127525E-01
6.139748E+08	3.546610E-03	9.423433E-02	1.094009E-01
6.139749E+08	3.706568E-03	9.794090E-02	1.058543E-01
6.139749E+08	3.841831E-03	1.017827E-01	1.021478E-01
6.139750E+08	3.963782E-03	1.057465E-01	9.830593E-02
6.139751E+08	4.076225E-03	1.098227E-01	9.434215E-02
6.139751E+08	4.169968E-03	1.139927E-01	9.026592E-02
6.139752E+08	4.224238E-03	1.182169E-01	8.609595E-02
6.139753E+08	4.213928E-03	1.224309E-01	8.187172E-02
6.139753E+08	4.120405E-03	1.265513E-01	7.765779E-02

6.139754E+08	3.940740E-03	1.304920E-01	7.353738E-02
6.139754E+08	3.691361E-03	1.341834E-01	6.959664E-02
6.139755E+08	3.403792E-03	1.375872E-01	6.590528E-02
6.139756E+08	3.114928E-03	1.407021E-01	6.250149E-02
6.139756E+08	2.855961E-03	1.435581E-01	5.938656E-02
6.139757E+08	2.645041E-03	1.462031E-01	5.653060E-02
6.139758E+08	2.485605E-03	1.486887E-01	5.388556E-02
6.139758E+08	2.370087E-03	1.510588E-01	5.139996E-02
6.139759E+08	2.285970E-03	1.533448E-01	4.902987E-02
6.139759E+08	2.221284E-03	1.555660E-01	4.674390E-02
6.139760E+08	2.167135E-03	1.577332E-01	4.452261E-02
6.139761E+08	2.117196E-03	1.598504E-01	4.235548E-02
6.139761E+08	2.065744E-03	1.619161E-01	4.023828E-02
6.139762E+08	2.006501E-03	1.639226E-01	3.817254E-02
6.139763E+08	1.933381E-03	1.658560E-01	3.616604E-02
6.139763E+08	1.842656E-03	1.676987E-01	3.423266E-02
6.139764E+08	1.734934E-03	1.694336E-01	3.239000E-02
6.139764E+08	1.615496E-03	1.710491E-01	3.065507E-02
6.139765E+08	1.492537E-03	1.725416E-01	2.903957E-02
6.139766E+08	1.374396E-03	1.739160E-01	2.754703E-02
6.139766E+08	1.267137E-03	1.751832E-01	2.617264E-02
6.139767E+08	1.173540E-03	1.763567E-01	2.490550E-02
6.139768E+08	1.093609E-03	1.774503E-01	2.373196E-02
6.139768E+08	1.025896E-03	1.784762E-01	2.263835E-02
6.139769E+08	9.688273E-04	1.794450E-01	2.161246E-02
6.139769E+08	9.214452E-04	1.803665E-01	2.064363E-02
6.139770E+08	8.833062E-04	1.812498E-01	1.972218E-02
6.139771E+08	8.538379E-04	1.821036E-01	1.883888E-02
6.139771E+08	8.316927E-04	1.829353E-01	1.798504E-02
6.139772E+08	8.146030E-04	1.837499E-01	1.715335E-02
6.139773E+08	7.997576E-04	1.845497E-01	1.633874E-02
6.139773E+08	7.844917E-04	1.853342E-01	1.553899E-02
6.139774E+08	7.668369E-04	1.861010E-01	1.475449E-02
6.139774E+08	7.457478E-04	1.868467E-01	1.398766E-02
6.139775E+08	7.209474E-04	1.875677E-01	1.324191E-02
6.139776E+08	6.926451E-04	1.882603E-01	1.252096E-02
6.139776E+08	6.612542E-04	1.889216E-01	1.182832E-02
6.139777E+08	6.272993E-04	1.895489E-01	1.116706E-02
6.139778E+08	5.914297E-04	1.901403E-01	1.053976E-02
6.139778E+08	5.545079E-04	1.906948E-01	9.948334E-03

6.139779E+08	5.176351E-04	1.912125E-01	9.393826E-03
6.139779E+08	4.821129E-04	1.916946E-01	8.876191E-03
6.139780E+08	4.492265E-04	1.921438E-01	8.394078E-03
6.139781E+08	4.199732E-04	1.925638E-01	7.944852E-03
6.139781E+08	3.948240E-04	1.929586E-01	7.524879E-03
6.139782E+08	3.736985E-04	1.933323E-01	7.130055E-03
6.139783E+08	3.560957E-04	1.936884E-01	6.756356E-03
6.139783E+08	3.413823E-04	1.940298E-01	6.400260E-03
6.139784E+08	3.290040E-04	1.943588E-01	6.058878E-03
6.139784E+08	3.185753E-04	1.946774E-01	5.729874E-03
6.139785E+08	3.097959E-04	1.949872E-01	5.411299E-03
6.139786E+08	3.022952E-04	1.952895E-01	5.101503E-03
6.139786E+08	2.955004E-04	1.955850E-01	4.799208E-03
6.139787E+08	2.886663E-04	1.958736E-01	4.503707E-03
6.139788E+08	2.810425E-04	1.961547E-01	4.215041E-03
6.139788E+08	2.721236E-04	1.964268E-01	3.933999E-03
6.139789E+08	2.618258E-04	1.966886E-01	3.661875E-03
6.139789E+08	2.504923E-04	1.969391E-01	3.400049E-03
6.139790E+08	2.386906E-04	1.971778E-01	3.149557E-03
6.139791E+08	2.269271E-04	1.974047E-01	2.910866E-03
6.139791E+08	2.154374E-04	1.976202E-01	2.683939E-03
6.139792E+08	2.041620E-04	1.978243E-01	2.468502E-03
6.139793E+08	1.928826E-04	1.980172E-01	2.264340E-03
6.139793E+08	1.814142E-04	1.981986E-01	2.071457E-03
6.139794E+08	1.697396E-04	1.983684E-01	1.890043E-03
6.139794E+08	1.580412E-04	1.985264E-01	1.720303E-03
6.139795E+08	1.466336E-04	1.986730E-01	1.562262E-03
6.139796E+08	1.358411E-04	1.988089E-01	1.415629E-03
6.139796E+08	1.258727E-04	1.989347E-01	1.279787E-03
6.139797E+08	1.167580E-04	1.990515E-01	1.153915E-03
6.139798E+08	1.083672E-04	1.991599E-01	1.037157E-03
6.139798E+08	1.005100E-04	1.992604E-01	9.287896E-04
6.139799E+08	9.305821E-05	1.993534E-01	8.282796E-04
6.139799E+08	8.601000E-05	1.994394E-01	7.352213E-04
6.139800E+08	7.944821E-05	1.995189E-01	6.492113E-04
6.139801E+08	7.342378E-05	1.995923E-01	5.697631E-04
6.139801E+08	6.784028E-05	1.996602E-01	4.963394E-04
6.139802E+08	6.242434E-05	1.997226E-01	4.284991E-04
6.139803E+08	5.680633E-05	1.997794E-01	3.660747E-04
6.139803E+08	5.067712E-05	1.998301E-01	3.092684E-04

6.139804E+08	4.394011E-05	1.998740E-01	2.585913E-04
6.139804E+08	3.678648E-05	1.999108E-01	2.146512E-04
6.139805E+08	2.965390E-05	1.999404E-01	1.778647E-04
6.139806E+08	2.308603E-05	1.999635E-01	1.482108E-04
6.139806E+08	1.755499E-05	1.999811E-01	1.251248E-04
6.139807E+08	1.332205E-05	1.999944E-01	1.075698E-04
6.139808E+08	1.038708E-05	2.000048E-01	9.424773E-05
6.139808E+08	8.534568E-06	2.000133E-01	8.386065E-05
6.139809E+08	7.439584E-06	2.000208E-01	7.532608E-05
6.139809E+08	6.779978E-06	2.000276E-01	6.788650E-05
6.139810E+08	6.311069E-06	2.000339E-01	6.110652E-05
6.139811E+08	5.888458E-06	2.000398E-01	5.479545E-05
6.139811E+08	5.449848E-06	2.000452E-01	4.890699E-05
6.139812E+08	4.980474E-06	2.000502E-01	4.345714E-05
6.139813E+08	4.483301E-06	2.000547E-01	3.847667E-05
6.139813E+08	3.964475E-06	2.000586E-01	3.399337E-05
6.139814E+08	3.432045E-06	2.000621E-01	3.002889E-05
6.139814E+08	2.900369E-06	2.000650E-01	2.659685E-05
6.139815E+08	2.391491E-06	2.000674E-01	2.369648E-05
6.139816E+08	1.930767E-06	2.000693E-01	2.130499E-05
6.139816E+08	1.539045E-06	2.000708E-01	1.937422E-05
6.139817E+08	1.226216E-06	2.000721E-01	1.783518E-05
6.139818E+08	9.894601E-07	2.000730E-01	1.660896E-05
6.139818E+08	8.163448E-07	2.000739E-01	1.561950E-05
6.139819E+08	6.903129E-07	2.000745E-01	1.480316E-05
6.139819E+08	5.957903E-07	2.000751E-01	1.411284E-05
6.139820E+08	5.211814E-07	2.000757E-01	1.351705E-05
6.139821E+08	4.595839E-07	2.000761E-01	1.299587E-05
6.139821E+08	4.078733E-07	2.000765E-01	1.253629E-05
6.139822E+08	3.651150E-07	2.000769E-01	1.212841E-05
6.139823E+08	3.310866E-07	2.000772E-01	1.176330E-05
6.139823E+08	3.053688E-07	2.000775E-01	1.143221E-05
6.139824E+08	2.870911E-07	2.000778E-01	1.112684E-05
6.139824E+08	2.750882E-07	2.000781E-01	1.083975E-05
6.139825E+08	2.680831E-07	2.000784E-01	1.056466E-05
6.139826E+08	2.647037E-07	2.000786E-01	1.029658E-05
6.139826E+08	2.634070E-07	2.000789E-01	1.003188E-05
6.139827E+08	2.625203E-07	2.000792E-01	9.768471E-06
6.139828E+08	2.605169E-07	2.000794E-01	9.505950E-06
6.139828E+08	2.564129E-07	2.000797E-01	9.245433E-06

6.139829E+08	2.500352E-07	2.000799E-01	8.989020E-06
6.139829E+08	2.420049E-07	2.000802E-01	8.738985E-06
6.139830E+08	2.334519E-07	2.000804E-01	8.496980E-06
6.139831E+08	2.256173E-07	2.000806E-01	8.263528E-06
6.139831E+08	2.195211E-07	2.000808E-01	8.037911E-06
6.139832E+08	2.158092E-07	2.000811E-01	7.818390E-06
6.139833E+08	2.147730E-07	2.000813E-01	7.602581E-06
6.139833E+08	2.164788E-07	2.000815E-01	7.387808E-06
6.139834E+08	2.209013E-07	2.000817E-01	7.171329E-06
6.139834E+08	2.279585E-07	2.000819E-01	6.950428E-06
6.139835E+08	2.373969E-07	2.000822E-01	6.722469E-06
6.139836E+08	2.485852E-07	2.000824E-01	6.485072E-06
6.139836E+08	2.603615E-07	2.000827E-01	6.236487E-06
6.139837E+08	2.710942E-07	2.000830E-01	5.976126E-06
6.139838E+08	2.790115E-07	2.000832E-01	5.705031E-06
6.139838E+08	2.826838E-07	2.000835E-01	5.426020E-06
6.139839E+08	2.814365E-07	2.000838E-01	5.143336E-06
6.139839E+08	2.754916E-07	2.000841E-01	4.861900E-06
6.139840E+08	2.657886E-07	2.000843E-01	4.586408E-06
6.139841E+08	2.535894E-07	2.000846E-01	4.320619E-06
6.139841E+08	2.400569E-07	2.000848E-01	4.067030E-06
6.139842E+08	2.259868E-07	2.000851E-01	3.826973E-06
6.139843E+08	2.117520E-07	2.000853E-01	3.600986E-06
6.139843E+08	1.974483E-07	2.000855E-01	3.389234E-06
6.139844E+08	1.831288E-07	2.000857E-01	3.191786E-06
6.139844E+08	1.689980E-07	2.000858E-01	3.008657E-06
6.139845E+08	1.554590E-07	2.000860E-01	2.839659E-06
6.139846E+08	1.430077E-07	2.000861E-01	2.684200E-06
6.139846E+08	1.320362E-07	2.000863E-01	2.541193E-06
6.139847E+08	1.226800E-07	2.000864E-01	2.409156E-06
6.139848E+08	1.148058E-07	2.000865E-01	2.286476E-06
6.139848E+08	1.081366E-07	2.000866E-01	2.171671E-06
6.139849E+08	1.024187E-07	2.000867E-01	2.063534E-06
6.139849E+08	9.752192E-08	2.000868E-01	1.961115E-06
6.139850E+08	9.340353E-08	2.000869E-01	1.863593E-06
6.139851E+08	8.998003E-08	2.000870E-01	1.770190E-06
6.139851E+08	8.699382E-08	2.000871E-01	1.680210E-06
6.139852E+08	8.398041E-08	2.000872E-01	1.593216E-06
6.139853E+08	8.037181E-08	2.000872E-01	1.509236E-06
6.139853E+08	7.570243E-08	2.000873E-01	1.428864E-06

6.139854E+08	6.981342E-08	2.000874E-01	1.353161E-06
6.139854E+08	6.294788E-08	2.000874E-01	1.283348E-06
6.139855E+08	5.568271E-08	2.000875E-01	1.220400E-06
6.139856E+08	4.872987E-08	2.000875E-01	1.164717E-06
6.139856E+08	4.270084E-08	2.000876E-01	1.115987E-06
6.139857E+08	3.793521E-08	2.000876E-01	1.073287E-06
6.139858E+08	3.444653E-08	2.000877E-01	1.035351E-06
6.139858E+08	3.198636E-08	2.000877E-01	1.000905E-06
6.139859E+08	3.017623E-08	2.000877E-01	9.689185E-07
6.139859E+08	2.864790E-08	2.000877E-01	9.387423E-07
6.139860E+08	2.713727E-08	2.000878E-01	9.100944E-07
6.139861E+08	2.551085E-08	2.000878E-01	8.829571E-07
6.139861E+08	2.373931E-08	2.000878E-01	8.574463E-07
6.139862E+08	2.184973E-08	2.000878E-01	8.337069E-07
6.139863E+08	1.988894E-08	2.000879E-01	8.118572E-07
6.139863E+08	1.791201E-08	2.000879E-01	7.919683E-07
6.139864E+08	1.598596E-08	2.000879E-01	7.740563E-07
6.139864E+08	1.419074E-08	2.000879E-01	7.580703E-07
6.139865E+08	1.260558E-08	2.000879E-01	7.438796E-07
6.139866E+08	1.128682E-08	2.000879E-01	7.312740E-07
6.139866E+08	1.024976E-08	2.000879E-01	7.199872E-07
6.139867E+08	9.466129E-09	2.000880E-01	7.097374E-07
6.139868E+08	8.875822E-09	2.000880E-01	7.002713E-07
6.139868E+08	8.407113E-09	2.000880E-01	6.913955E-07
6.139869E+08	7.998759E-09	2.000880E-01	6.829883E-07
6.139869E+08	7.615591E-09	2.000880E-01	6.749896E-07
6.139870E+08	7.251647E-09	2.000880E-01	6.673740E-07
6.139871E+08	6.920295E-09	2.000880E-01	6.601223E-07
6.139871E+08	6.638113E-09	2.000880E-01	6.532021E-07
6.139872E+08	6.412407E-09	2.000880E-01	6.465639E-07
6.139873E+08	6.236044E-09	2.000880E-01	6.401515E-07
6.139873E+08	6.089414E-09	2.000880E-01	6.339155E-07
6.139874E+08	5.947244E-09	2.000880E-01	6.278261E-07
6.139874E+08	5.788221E-09	2.000880E-01	6.218788E-07
6.139875E+08	5.602869E-09	2.000880E-01	6.160906E-07
6.139876E+08	5.395922E-09	2.000881E-01	6.104877E-07
6.139876E+08	5.182208E-09	2.000881E-01	6.050918E-07
6.139877E+08	4.981164E-09	2.000881E-01	5.999096E-07
6.139878E+08	4.811640E-09	2.000881E-01	5.949284E-07
6.139878E+08	4.687942E-09	2.000881E-01	5.901168E-07

6.139879E+08	4.615559E-09	2.000881E-01	5.854289E-07
6.139879E+08	4.587795E-09	2.000881E-01	5.808133E-07
6.139880E+08	4.586435E-09	2.000881E-01	5.762255E-07
6.139881E+08	4.587340E-09	2.000881E-01	5.716391E-07
6.139881E+08	4.568883E-09	2.000881E-01	5.670517E-07
6.139882E+08	4.519462E-09	2.000881E-01	5.624829E-07
6.139883E+08	4.440080E-09	2.000881E-01	5.579634E-07
6.139883E+08	4.342417E-09	2.000881E-01	5.535233E-07
6.139884E+08	4.243487E-09	2.000881E-01	5.491809E-07
6.139884E+08	4.160622E-09	2.000881E-01	5.449374E-07
6.139885E+08	4.106951E-09	2.000881E-01	5.407768E-07
6.139886E+08	4.088644E-09	2.000881E-01	5.366698E-07
6.139886E+08	4.103638E-09	2.000881E-01	5.325812E-07
6.139887E+08	4.143898E-09	2.000881E-01	5.284776E-07
6.139888E+08	4.198925E-09	2.000881E-01	5.243337E-07
6.139888E+08	4.258812E-09	2.000881E-01	5.201347E-07
6.139889E+08	4.314484E-09	2.000881E-01	5.158759E-07
6.139889E+08	4.359410E-09	2.000882E-01	5.115614E-07
6.139890E+08	4.392325E-09	2.000882E-01	5.072020E-07
6.139891E+08	4.422168E-09	2.000882E-01	5.028097E-07
6.139891E+08	4.471564E-09	2.000882E-01	4.983875E-07
6.139892E+08	4.578700E-09	2.000882E-01	4.939160E-07
6.139893E+08	4.794447E-09	2.000882E-01	4.893373E-07
6.139893E+08	5.172054E-09	2.000882E-01	4.845428E-07
6.139894E+08	5.747417E-09	2.000882E-01	4.793708E-07
6.139894E+08	6.517323E-09	2.000882E-01	4.736233E-07
6.139895E+08	7.426632E-09	2.000882E-01	4.671060E-07
6.139896E+08	8.376696E-09	2.000882E-01	4.596794E-07
6.139896E+08	9.251981E-09	2.000882E-01	4.513027E-07
6.139897E+08	9.956326E-09	2.000882E-01	4.420507E-07
6.139898E+08	1.043861E-08	2.000882E-01	4.320944E-07
6.139898E+08	1.070116E-08	2.000882E-01	4.216558E-07
6.139899E+08	1.078783E-08	2.000883E-01	4.109546E-07
6.139899E+08	1.076401E-08	2.000883E-01	4.001668E-07
6.139900E+08	1.069248E-08	2.000883E-01	3.894028E-07
6.139901E+08	1.061322E-08	2.000883E-01	3.787103E-07
6.139901E+08	1.052649E-08	2.000883E-01	3.680971E-07
6.139902E+08	1.038959E-08	2.000883E-01	3.575706E-07
6.139903E+08	1.012751E-08	2.000883E-01	3.471810E-07
6.139903E+08	9.660813E-09	2.000883E-01	3.370535E-07

6.139904E+08	8.941786E-09	2.000883E-01	3.273927E-07
6.139904E+08	7.985781E-09	2.000883E-01	3.184509E-07
6.139905E+08	6.876566E-09	2.000884E-01	3.104651E-07
6.139906E+08	5.742872E-09	2.000884E-01	3.035885E-07
6.139906E+08	4.713304E-09	2.000884E-01	2.978457E-07
6.139907E+08	3.877383E-09	2.000884E-01	2.931324E-07
6.139908E+08	3.265440E-09	2.000884E-01	2.892550E-07
6.139908E+08	2.856904E-09	2.000884E-01	2.859895E-07
6.139909E+08	2.603285E-09	2.000884E-01	2.831326E-07
6.139909E+08	2.452848E-09	2.000884E-01	2.805294E-07
6.139910E+08	2.363827E-09	2.000884E-01	2.780765E-07
6.139911E+08	2.308473E-09	2.000884E-01	2.757127E-07
6.139911E+08	2.270958E-09	2.000884E-01	2.734042E-07
6.139912E+08	2.244725E-09	2.000884E-01	2.711332E-07
6.139913E+08	2.228926E-09	2.000884E-01	2.688885E-07
6.139913E+08	2.225795E-09	2.000884E-01	2.666596E-07
6.139914E+08	2.238120E-09	2.000884E-01	2.644338E-07
6.139914E+08	2.268565E-09	2.000884E-01	2.621957E-07
6.139915E+08	2.317510E-09	2.000884E-01	2.599271E-07
6.139916E+08	2.382087E-09	2.000884E-01	2.576096E-07
6.139916E+08	2.455272E-09	2.000884E-01	2.552275E-07
6.139917E+08	2.530759E-09	2.000884E-01	2.527718E-07
6.139918E+08	2.599951E-09	2.000884E-01	2.502410E-07
6.139918E+08	2.657888E-09	2.000884E-01	2.476411E-07
6.139919E+08	2.700599E-09	2.000884E-01	2.449832E-07
6.139919E+08	2.726888E-09	2.000884E-01	2.422826E-07
6.139920E+08	2.737748E-09	2.000884E-01	2.395557E-07
6.139921E+08	2.736362E-09	2.000884E-01	2.368180E-07
6.139921E+08	2.725913E-09	2.000884E-01	2.340816E-07
6.139922E+08	2.709138E-09	2.000884E-01	2.313557E-07
6.139923E+08	2.686008E-09	2.000884E-01	2.286465E-07
6.139923E+08	2.653543E-09	2.000884E-01	2.259605E-07
6.139924E+08	2.607075E-09	2.000884E-01	2.233070E-07
6.139924E+08	2.546056E-09	2.000884E-01	2.206999E-07
6.139925E+08	2.476105E-09	2.000884E-01	2.181539E-07
6.139926E+08	2.407678E-09	2.000884E-01	2.156778E-07
6.139926E+08	2.350238E-09	2.000884E-01	2.132701E-07
6.139927E+08	2.309458E-09	2.000885E-01	2.109198E-07
6.139928E+08	2.285133E-09	2.000885E-01	2.086104E-07
6.139928E+08	2.272521E-09	2.000885E-01	2.063253E-07

6.139929E+08	2.263422E-09	2.000885E-01	2.040527E-07
6.139929E+08	2.251011E-09	2.000885E-01	2.017893E-07
6.139930E+08	2.231265E-09	2.000885E-01	1.995383E-07
6.139931E+08	2.203265E-09	2.000885E-01	1.973070E-07
6.139931E+08	2.165389E-09	2.000885E-01	1.951038E-07
6.139932E+08	2.115112E-09	2.000885E-01	1.929384E-07
6.139933E+08	2.048977E-09	2.000885E-01	1.908233E-07
6.139933E+08	1.965860E-09	2.000885E-01	1.887743E-07
6.139934E+08	1.868067E-09	2.000885E-01	1.868084E-07
6.139934E+08	1.763819E-09	2.000885E-01	1.849404E-07
6.139935E+08	1.663852E-09	2.000885E-01	1.831765E-07
6.139936E+08	1.577358E-09	2.000885E-01	1.815127E-07
6.139936E+08	1.507211E-09	2.000885E-01	1.799353E-07
6.139937E+08	1.451540E-09	2.000885E-01	1.784281E-07
6.139938E+08	1.406198E-09	2.000885E-01	1.769766E-07
6.139938E+08	1.368446E-09	2.000885E-01	1.755704E-07
6.139939E+08	1.337394E-09	2.000885E-01	1.742019E-07
6.139939E+08	1.315205E-09	2.000885E-01	1.728645E-07
6.139940E+08	1.305033E-09	2.000885E-01	1.715493E-07
6.139941E+08	1.309442E-09	2.000885E-01	1.702443E-07
6.139941E+08	1.328434E-09	2.000885E-01	1.689349E-07
6.139942E+08	1.362788E-09	2.000885E-01	1.676064E-07
6.139943E+08	1.416804E-09	2.000885E-01	1.662436E-07
6.139943E+08	1.499441E-09	2.000885E-01	1.648268E-07
6.139944E+08	1.618960E-09	2.000885E-01	1.633274E-07
6.139944E+08	1.777820E-09	2.000885E-01	1.617084E-07
6.139945E+08	1.967230E-09	2.000885E-01	1.599306E-07
6.139946E+08	2.167556E-09	2.000885E-01	1.579634E-07
6.139946E+08	2.350492E-09	2.000885E-01	1.557958E-07
6.139947E+08	2.490141E-09	2.000885E-01	1.534453E-07
6.139948E+08	2.571510E-09	2.000885E-01	1.509552E-07
6.139948E+08	2.597046E-09	2.000885E-01	1.483837E-07
6.139949E+08	2.581476E-09	2.000885E-01	1.457866E-07
6.139949E+08	2.547976E-09	2.000885E-01	1.432052E-07
6.139950E+08	2.517615E-09	2.000885E-01	1.406572E-07
6.139951E+08	2.503021E-09	2.000885E-01	1.381396E-07
6.139951E+08	2.501539E-09	2.000885E-01	1.356366E-07
6.139952E+08	2.500489E-09	2.000885E-01	1.331350E-07
6.139953E+08	2.480796E-09	2.000885E-01	1.306345E-07
6.139953E+08	2.425223E-09	2.000885E-01	1.281537E-07

6.139954E+08	2.320901E-09	2.000885E-01	1.257285E-07
6.139954E+08	2.168508E-09	2.000885E-01	1.234076E-07
6.139955E+08	1.981750E-09	2.000885E-01	1.212391E-07
6.139956E+08	1.784516E-09	2.000885E-01	1.192574E-07
6.139956E+08	1.599526E-09	2.000885E-01	1.174728E-07
6.139957E+08	1.444431E-09	2.000885E-01	1.158733E-07
6.139958E+08	1.326364E-09	2.000885E-01	1.144289E-07
6.139958E+08	1.243477E-09	2.000885E-01	1.131025E-07
6.139959E+08	1.186070E-09	2.000885E-01	1.118590E-07
6.139959E+08	1.143485E-09	2.000885E-01	1.106730E-07
6.139960E+08	1.106379E-09	2.000886E-01	1.095295E-07
6.139961E+08	1.070153E-09	2.000886E-01	1.084231E-07
6.139961E+08	1.033368E-09	2.000886E-01	1.073529E-07
6.139962E+08	9.988097E-10	2.000886E-01	1.063196E-07
6.139963E+08	9.693503E-10	2.000886E-01	1.053208E-07
6.139963E+08	9.465376E-10	2.000886E-01	1.043514E-07
6.139964E+08	9.281586E-10	2.000886E-01	1.034049E-07
6.139964E+08	9.127860E-10	2.000886E-01	1.024767E-07
6.139965E+08	9.004397E-10	2.000886E-01	1.015639E-07
6.139966E+08	8.937138E-10	2.000886E-01	1.006635E-07
6.139966E+08	8.938053E-10	2.000886E-01	9.976979E-08
6.139967E+08	9.014146E-10	2.000886E-01	9.887598E-08
6.139968E+08	9.147268E-10	2.000886E-01	9.797457E-08
6.139968E+08	9.308675E-10	2.000886E-01	9.705984E-08
6.139969E+08	9.446140E-10	2.000886E-01	9.612897E-08
6.139969E+08	9.529643E-10	2.000886E-01	9.518436E-08
6.139970E+08	9.549228E-10	2.000886E-01	9.423139E-08
6.139971E+08	9.525562E-10	2.000886E-01	9.327647E-08
6.139971E+08	9.465636E-10	2.000886E-01	9.232391E-08
6.139972E+08	9.380007E-10	2.000886E-01	9.137735E-08
6.139973E+08	9.260914E-10	2.000886E-01	9.043935E-08
6.139973E+08	9.103483E-10	2.000886E-01	8.951326E-08
6.139974E+08	8.890080E-10	2.000886E-01	8.860291E-08
6.139974E+08	8.636960E-10	2.000886E-01	8.771390E-08
6.139975E+08	8.372011E-10	2.000886E-01	8.685021E-08
6.139976E+08	8.122225E-10	2.000886E-01	8.601301E-08
6.139976E+08	7.869709E-10	2.000886E-01	8.520078E-08
6.139977E+08	7.595987E-10	2.000886E-01	8.441381E-08
6.139978E+08	7.288441E-10	2.000886E-01	8.365421E-08
6.139978E+08	6.963424E-10	2.000886E-01	8.292537E-08

6.139979E+08	6.638228E-10	2.000886E-01	8.222903E-08
6.139979E+08	6.358304E-10	2.000886E-01	8.156520E-08
6.139980E+08	6.169096E-10	2.000886E-01	8.092937E-08
6.139981E+08	6.107151E-10	2.000886E-01	8.031246E-08
6.139981E+08	6.160451E-10	2.000886E-01	7.970175E-08
6.139982E+08	6.304005E-10	2.000886E-01	7.908570E-08
6.139983E+08	6.503240E-10	2.000886E-01	7.845530E-08
6.139983E+08	6.738058E-10	2.000886E-01	7.780498E-08
6.139984E+08	6.975876E-10	2.000886E-01	7.713117E-08
6.139984E+08	7.208041E-10	2.000886E-01	7.643359E-08
6.139985E+08	7.434493E-10	2.000886E-01	7.571278E-08
6.139986E+08	7.671258E-10	2.000886E-01	7.496933E-08
6.139986E+08	7.899754E-10	2.000886E-01	7.420221E-08
6.139987E+08	8.110478E-10	2.000886E-01	7.341223E-08
6.139988E+08	8.288560E-10	2.000886E-01	7.260118E-08
6.139988E+08	8.433939E-10	2.000886E-01	7.177233E-08
6.139989E+08	8.511140E-10	2.000886E-01	7.092893E-08
6.139989E+08	8.514755E-10	2.000886E-01	7.007782E-08
6.139990E+08	8.456410E-10	2.000886E-01	6.922634E-08
6.139991E+08	8.380007E-10	2.000886E-01	6.838070E-08
6.139991E+08	8.290742E-10	2.000886E-01	6.754270E-08
6.139992E+08	8.209051E-10	2.000886E-01	6.671363E-08
6.139993E+08	8.148459E-10	2.000886E-01	6.589272E-08
6.139993E+08	8.130779E-10	2.000886E-01	6.507788E-08
6.139994E+08	8.119184E-10	2.000886E-01	6.426480E-08
6.139994E+08	8.089275E-10	2.000886E-01	6.345288E-08
6.139995E+08	8.020863E-10	2.000886E-01	6.264395E-08
6.139996E+08	7.927934E-10	2.000886E-01	6.184187E-08
6.139996E+08	7.786517E-10	2.000886E-01	6.104907E-08
6.139997E+08	7.598863E-10	2.000886E-01	6.027042E-08
6.139998E+08	7.369544E-10	2.000886E-01	5.951054E-08
6.139998E+08	7.132245E-10	2.000886E-01	5.877358E-08
6.139999E+08	6.880462E-10	2.000886E-01	5.806036E-08
6.139999E+08	6.635069E-10	2.000886E-01	5.737231E-08
6.140000E+08	6.414344E-10	2.000886E-01	5.670880E-08
6.140001E+08	6.248860E-10	2.000886E-01	5.606737E-08
6.140001E+08	6.109826E-10	2.000886E-01	5.544248E-08
6.140002E+08	5.982883E-10	2.000886E-01	5.483150E-08
6.140003E+08	5.854191E-10	2.000886E-01	5.423321E-08
6.140003E+08	5.740693E-10	2.000886E-01	5.364779E-08

6.140004E+08	5.620371E-10	2.000886E-01	5.307372E-08
6.140004E+08	5.492839E-10	2.000886E-01	5.251169E-08
6.140005E+08	5.356613E-10	2.000886E-01	5.196240E-08
6.140006E+08	5.236084E-10	2.000886E-01	5.142674E-08
6.140006E+08	5.119336E-10	2.000886E-01	5.090313E-08
6.140007E+08	5.022450E-10	2.000886E-01	5.039120E-08
6.140008E+08	4.964721E-10	2.000886E-01	4.988895E-08
6.140008E+08	4.986709E-10	2.000886E-01	4.939248E-08
6.140009E+08	5.076195E-10	2.000886E-01	4.889381E-08
6.140009E+08	5.223773E-10	2.000886E-01	4.838619E-08
6.140010E+08	5.401523E-10	2.000886E-01	4.786381E-08
6.140011E+08	5.602189E-10	2.000886E-01	4.732366E-08
6.140011E+08	5.773952E-10	2.000886E-01	4.676344E-08
6.140012E+08	5.902735E-10	2.000886E-01	4.618605E-08
6.140013E+08	5.984152E-10	2.000886E-01	4.559577E-08
6.140013E+08	6.050488E-10	2.000886E-01	4.499736E-08
6.140014E+08	6.073994E-10	2.000886E-01	4.439231E-08
6.140014E+08	6.058304E-10	2.000886E-01	4.378491E-08
6.140015E+08	6.010976E-10	2.000886E-01	4.317908E-08
6.140016E+08	5.980434E-10	2.000886E-01	4.257798E-08
6.140016E+08	5.950209E-10	2.000886E-01	4.197994E-08
6.140017E+08	5.929193E-10	2.000886E-01	4.138492E-08
6.140018E+08	5.915282E-10	2.000886E-01	4.079200E-08
6.140018E+08	5.938976E-10	2.000886E-01	4.020047E-08
6.140019E+08	5.966858E-10	2.000886E-01	3.960657E-08
6.140019E+08	6.010246E-10	2.000886E-01	3.900989E-08
6.140020E+08	6.083956E-10	2.000886E-01	3.840886E-08
6.140021E+08	6.239313E-10	2.000886E-01	3.780047E-08
6.140021E+08	6.439993E-10	2.000886E-01	3.717654E-08
6.140022E+08	6.669667E-10	2.000886E-01	3.653254E-08
6.140023E+08	6.888570E-10	2.000886E-01	3.586557E-08
6.140023E+08	7.097151E-10	2.000886E-01	3.517671E-08
6.140024E+08	7.213399E-10	2.000886E-01	3.446700E-08
6.140024E+08	7.229267E-10	2.000886E-01	3.374566E-08
6.140025E+08	7.155007E-10	2.000886E-01	3.302273E-08
6.140026E+08	7.058313E-10	2.000886E-01	3.230723E-08
6.140026E+08	6.895883E-10	2.000886E-01	3.160140E-08
6.140027E+08	6.680225E-10	2.000886E-01	3.091181E-08
6.140028E+08	6.431153E-10	2.000886E-01	3.024379E-08
6.140028E+08	6.224835E-10	2.000886E-01	2.960067E-08

6.140029E+08	6.032337E-10	2.000886E-01	2.897819E-08
6.140029E+08	5.867684E-10	2.000886E-01	2.837496E-08
6.140030E+08	5.726046E-10	2.000886E-01	2.778819E-08
6.140031E+08	5.635707E-10	2.000886E-01	2.721558E-08
6.140031E+08	5.524058E-10	2.000886E-01	2.665201E-08
6.140032E+08	5.375665E-10	2.000886E-01	2.609961E-08
6.140033E+08	5.183796E-10	2.000886E-01	2.556204E-08
6.140033E+08	4.998190E-10	2.000886E-01	2.504366E-08
6.140034E+08	4.789170E-10	2.000886E-01	2.454384E-08
6.140034E+08	4.586380E-10	2.000886E-01	2.406493E-08
6.140035E+08	4.417749E-10	2.000886E-01	2.360629E-08
6.140036E+08	4.335312E-10	2.000886E-01	2.316451E-08
6.140036E+08	4.287863E-10	2.000886E-01	2.273098E-08
6.140037E+08	4.260439E-10	2.000886E-01	2.230219E-08
6.140038E+08	4.239792E-10	2.000886E-01	2.187615E-08
6.140038E+08	4.255452E-10	2.000886E-01	2.145217E-08
6.140039E+08	4.253563E-10	2.000886E-01	2.102663E-08
6.140039E+08	4.230191E-10	2.000886E-01	2.060127E-08
6.140040E+08	4.195431E-10	2.000886E-01	2.017825E-08
6.140041E+08	4.209289E-10	2.000886E-01	1.975871E-08
6.140041E+08	4.238951E-10	2.000886E-01	1.933778E-08
6.140042E+08	4.279051E-10	2.000886E-01	1.891388E-08
6.140043E+08	4.309044E-10	2.000886E-01	1.848598E-08
6.140043E+08	4.343215E-10	2.000886E-01	1.805507E-08
6.140044E+08	4.306285E-10	2.000886E-01	1.762075E-08
6.140044E+08	4.188213E-10	2.000886E-01	1.719012E-08
6.140045E+08	4.011123E-10	2.000886E-01	1.677130E-08
6.140046E+08	3.853246E-10	2.000886E-01	1.637019E-08
6.140046E+08	3.696399E-10	2.000886E-01	1.598487E-08
6.140047E+08	3.556091E-10	2.000886E-01	1.561523E-08
6.140048E+08	3.442652E-10	2.000886E-01	1.525962E-08
6.140048E+08	3.391660E-10	2.000886E-01	1.491535E-08
6.140049E+08	3.344928E-10	2.000886E-01	1.457619E-08
6.140049E+08	3.280045E-10	2.000886E-01	1.424169E-08
6.140050E+08	3.203016E-10	2.000886E-01	1.391369E-08
6.140051E+08	3.179909E-10	2.000886E-01	1.359339E-08
6.140051E+08	3.199721E-10	2.000886E-01	1.327540E-08
6.140052E+08	3.254725E-10	2.000886E-01	1.295542E-08
6.140053E+08	3.317516E-10	2.000886E-01	1.262995E-08
6.140053E+08	3.399245E-10	2.000886E-01	1.229820E-08

6.140054E+08	3.441867E-10	2.000886E-01	1.195828E-08
6.140054E+08	3.435783E-10	2.000886E-01	1.161409E-08
6.140055E+08	3.400852E-10	2.000886E-01	1.127051E-08
6.140056E+08	3.417760E-10	2.000886E-01	1.093043E-08
6.140056E+08	3.475784E-10	2.000886E-01	1.058865E-08
6.140057E+08	3.555953E-10	2.000886E-01	1.024107E-08
6.140058E+08	3.616735E-10	2.000886E-01	9.885476E-09
6.140058E+08	3.669874E-10	2.000887E-01	9.523802E-09
6.140059E+08	3.673184E-10	2.000887E-01	9.156815E-09
6.140059E+08	3.648411E-10	2.000887E-01	8.789496E-09
6.140060E+08	3.647661E-10	2.000887E-01	8.424655E-09
6.140061E+08	3.778166E-10	2.000887E-01	8.059889E-09
6.140061E+08	4.012182E-10	2.000887E-01	7.682072E-09
6.140062E+08	4.262119E-10	2.000887E-01	7.280854E-09
6.140063E+08	4.412320E-10	2.000887E-01	6.854642E-09
6.140063E+08	4.493563E-10	2.000887E-01	6.413410E-09
6.140064E+08	4.560429E-10	2.000887E-01	5.964054E-09
6.140064E+08	4.725642E-10	2.000887E-01	5.508011E-09
6.140065E+08	5.034874E-10	2.000887E-01	5.035447E-09
6.140066E+08	5.502915E-10	2.000887E-01	4.531960E-09
6.140066E+08	5.997876E-10	2.000887E-01	3.981668E-09
6.140067E+08	6.384364E-10	2.000887E-01	3.381880E-09
6.140068E+08	6.569769E-10	2.000887E-01	2.743444E-09
6.140068E+08	6.680296E-10	2.000887E-01	2.086467E-09
6.140069E+08	6.875013E-10	2.000887E-01	1.418438E-09
6.140069E+08	7.309362E-10	2.000887E-01	7.309362E-10