S-Parameter Narrow

Click here for S-Parameter Wide

RF1172D 03/09/04

```
# HZ  S  RI R 50
 431420000.    .888428E+0   -.432617E+0    .205273E-3    .834692E-3    .223760E-3
.830327E-3    .781494E+0   -.585144E+0
 431432500.    .888123E+0   -.432800E+0    .168592E-3    .807498E-3    .178838E-3
.800742E-3    .781372E+0   -.585327E+0
 431445000.    .887756E+0   -.432983E+0    .114840E-3    .772733E-3    .136610E-3
.769540E-3    .781494E+0   -.585632E+0
 431457500.    .887695E+0   -.433289E+0    .752822E-4    .748652E-3    .905205E-4
.737646E-3    .781189E+0   -.585754E+0
 431470000.    .887451E+0   -.433350E+0    .432961E-4    .721609E-3    .524722E-4
.723448E-3    .781067E+0   -.585754E+0
 431482600.    .887024E+0   -.433411E+0    .142120E-5    .694854E-3    .177797E-4
.687940E-3    .781006E+0   -.586304E+0
 431495100.    .886780E+0   -.433289E+0   -.344114E-4    .662659E-3   -.197006E-4
.659538E-3    .780884E+0   -.586243E+0
 431507600.    .886597E+0   -.433594E+0   -.655030E-4    .625270E-3   -.476047E-4
.633585E-3    .780579E+0   -.586243E+0
 431520100.    .886536E+0   -.433777E+0   -.865632E-4    .595871E-3   -.769556E-4
.593921E-3    .780518E+0   -.586609E+0
 431532600.    .886230E+0   -.433838E+0   -.128377E-3    .530585E-3   -.110356E-3
.520754E-3    .780212E+0   -.586670E+0
 431545100.    .886230E+0   -.434265E+0   -.164016E-3    .459679E-3   -.140344E-3
.460617E-3    .779968E+0   -.587097E+0
 431557600.    .886169E+0   -.434509E+0   -.205856E-3    .377664E-3   -.183351E-3
.378278E-3    .780273E+0   -.587158E+0
 431570100.    .885803E+0   -.434875E+0   -.253355E-3    .291372E-3   -.254659E-3
.284695E-3    .779785E+0   -.587219E+0
 431582700.    .885498E+0   -.435425E+0   -.331363E-3    .183382E-3   -.323327E-3
.181188E-3    .779663E+0   -.587830E+0
 431595200.    .885193E+0   -.436035E+0   -.427868E-3    .586463E-4   -.414207E-3
.739097E-4    .779480E+0   -.587646E+0
 431607700.    .884644E+0   -.436401E+0   -.546737E-3   -.649374E-4   -.540589E-3   -
.479640E-4    .779358E+0   -.588013E+0
 431620200.    .884277E+0   -.436951E+0   -.682090E-3   -.190764E-3   -.692143E-3   -
.177994E-3    .778931E+0   -.588379E+0
 431632700.    .883667E+0   -.437622E+0   -.843696E-3   -.320569E-3   -.864161E-3   -
.292555E-3    .778809E+0   -.588684E+0
 431645200.    .882935E+0   -.438110E+0   -.104700E-2   -.451180E-3   -.105694E-2   -
.427368E-3    .778442E+0   -.588562E+0
 431657700.    .882019E+0   -.438599E+0   -.127960E-2   -.580830E-3   -.128823E-2   -
.553468E-3    .778381E+0   -.588989E+0
 431670200.    .881165E+0   -.439209E+0   -.153982E-2   -.724173E-3   -.156976E-2   -
.667588E-3    .778076E+0   -.589111E+0
 431682800.    .879944E+0   -.439636E+0   -.185742E-2   -.837316E-3   -.188599E-2   -
.793584E-3    .777832E+0   -.589661E+0
 431695300.    .878784E+0   -.440002E+0   -.222412E-2   -.961670E-3   -.226171E-2   -
.908415E-3    .777588E+0   -.589722E+0
 431707800.    .877197E+0   -.440430E+0   -.266695E-2   -.105558E-2   -.270614E-2   -
.994578E-3    .777283E+0   -.590027E+0
 431720300.    .875427E+0   -.440613E+0   -.317864E-2   -.111733E-2   -.321049E-2   -
.102720E-2    .776917E+0   -.590210E+0
 431732800.    .873413E+0   -.440674E+0   -.377485E-2   -.111984E-2   -.380990E-2   -
.103200E-2    .776550E+0   -.590393E+0
```

```
    431745300.     .871155E+0    -.440247E+0    -.446068E-2    -.105549E-2    -.448511E-2    -
.946310E-3    .776184E+0    -.590637E+0
    431757800.     .868713E+0    -.439514E+0    -.523723E-2    -.869072E-3    -.527613E-2    -
.741512E-3    .775818E+0    -.590820E+0
    431770300.     .866028E+0    -.438293E+0    -.611575E-2    -.515737E-3    -.613809E-2    -
.357783E-3    .775208E+0    -.591003E+0
    431782800.     .863464E+0    -.436218E+0    -.703773E-2    .806119E-4    -.704147E-2
.255507E-3    .774811E+0    -.590973E+0
    431795400.     .860779E+0    -.433105E+0    -.794279E-2    .975253E-3    -.792827E-2
.116390E-2    .774261E+0    -.591125E+0
    431807900.     .859070E+0    -.429260E+0    -.870472E-2    .220188E-2    -.865911E-2
.241283E-2    .773956E+0    -.590698E+0
    431820400.     .858337E+0    -.424500E+0    -.916575E-2    .372794E-2    -.907827E-2
.394735E-2    .773438E+0    -.590363E+0
    431832900.     .858887E+0    -.419739E+0    -.915511E-2    .543152E-2    -.905297E-2
.565006E-2    .773224E+0    -.590149E+0
    431845400.     .861511E+0    -.415100E+0    -.866838E-2    .709222E-2    -.851091E-2
.731529E-2    .773132E+0    -.589874E+0
    431857900.     .864685E+0    -.411621E+0    -.771852E-2    .850908E-2    -.752632E-2
.870348E-2    .773071E+0    -.589508E+0
    431870400.     .868896E+0    -.409546E+0    -.650519E-2    .953178E-2    -.628324E-2
.970429E-2    .773438E+0    -.589386E+0
    431882900.     .872986E+0    -.408752E+0    -.520607E-2    .101456E-1    -.495363E-2
.102968E-1    .773529E+0    -.589417E+0
    431895500.     .876709E+0    -.408936E+0    -.395896E-2    .104152E-1    -.371517E-2
.105232E-1    .773926E+0    -.589386E+0
    431908000.     .880005E+0    -.409851E+0    -.285927E-2    .104316E-1    -.260866E-2
.105147E-1    .773773E+0    -.589874E+0
    431920500.     .882324E+0    -.411133E+0    -.192445E-2    .102623E-1    -.165954E-2
.103275E-1    .774139E+0    -.590118E+0
    431933000.     .884216E+0    -.412903E+0    -.115921E-2    .999845E-2    -.916978E-3
.100395E-1    .774109E+0    -.590637E+0
    431945500.     .885437E+0    -.414551E+0    -.543323E-3    .969670E-2    -.309125E-3
.972667E-2    .773956E+0    -.590698E+0
    431958000.     .886658E+0    -.416321E+0    -.537858E-4    .939176E-2    .180241E-3
.940709E-2    .774017E+0    -.591095E+0
    431970500.     .887329E+0    -.417542E+0    .325349E-3    .910323E-2    .554611E-3
.910857E-2    .773804E+0    -.591309E+0
    431983000.     .887817E+0    -.419067E+0    .645073E-3    .882706E-2    .872473E-3
.882751E-2    .773712E+0    -.591644E+0
    431995600.     .888062E+0    -.420471E+0    .909329E-3    .857854E-2    .112785E-2
.856235E-2    .773682E+0    -.592072E+0
    432008100.     .888184E+0    -.421631E+0    .113926E-2    .834984E-2    .134940E-2
.833576E-2    .773560E+0    -.592255E+0
    432020600.     .888062E+0    -.422607E+0    .131248E-2    .812525E-2    .151731E-2
.810646E-2    .773071E+0    -.592712E+0
    432033100.     .887878E+0    -.423767E+0    .145494E-2    .794074E-2    .165035E-2
.791543E-2    .773193E+0    -.593231E+0
    432045600.     .887512E+0    -.424622E+0    .156666E-2    .777087E-2    .176521E-2
.775199E-2    .772980E+0    -.593292E+0
    432058100.     .886963E+0    -.425415E+0    .165215E-2    .761934E-2    .184816E-2
.759768E-2    .772614E+0    -.593842E+0
    432070600.     .886719E+0    -.426147E+0    .170935E-2    .749959E-2    .190195E-2
.745486E-2    .772461E+0    -.594177E+0
    432083100.     .885986E+0    -.426636E+0    .174585E-2    .737828E-2    .193408E-2
.736653E-2    .772339E+0    -.594574E+0
```

432095600.	.885437E+0	-.427063E+0	.175559E-2	.732356E-2	.193846E-2
.728607E-2	.771942E+0	-.594757E+0			
432108200.	.884888E+0	-.427185E+0	.175153E-2	.726728E-2	.193599E-2
.724298E-2	.771637E+0	-.595154E+0			
432120700.	.884338E+0	-.427368E+0	.174387E-2	.728123E-2	.192382E-2
.724099E-2	.771515E+0	-.595367E+0			
432133200.	.884094E+0	-.427002E+0	.173305E-2	.732197E-2	.191219E-2
.729125E-2	.771271E+0	-.595825E+0			
432145700.	.883972E+0	-.426636E+0	.172024E-2	.742114E-2	.190607E-2
.738268E-2	.770752E+0	-.596161E+0			
432158200.	.884155E+0	-.426208E+0	.174167E-2	.755811E-2	.192402E-2
.752637E-2	.770660E+0	-.596497E+0			
432170700.	.884460E+0	-.426086E+0	.180353E-2	.772300E-2	.199947E-2
.768382E-2	.770081E+0	-.596619E+0			
432183200.	.884766E+0	-.425842E+0	.189681E-2	.790314E-2	.210837E-2
.786639E-2	.769867E+0	-.597107E+0			
432195700.	.885498E+0	-.426086E+0	.205029E-2	.809617E-2	.226736E-2
.804784E-2	.769714E+0	-.597351E+0			
432208300.	.886047E+0	-.426575E+0	.222982E-2	.826541E-2	.243917E-2
.822214E-2	.769104E+0	-.597748E+0			
432220800.	.886353E+0	-.427124E+0	.243150E-2	.842759E-2	.264637E-2
.838125E-2	.769043E+0	-.598206E+0			
432233300.	.886658E+0	-.427673E+0	.264738E-2	.857340E-2	.288344E-2
.852679E-2	.768646E+0	-.598602E+0			
432245800.	.887268E+0	-.428589E+0	.287889E-2	.872449E-2	.310977E-2
.865587E-2	.768097E+0	-.598999E+0			
432258300.	.887207E+0	-.429443E+0	.313074E-2	.887941E-2	.336080E-2
.881079E-2	.767792E+0	-.599121E+0			
432270800.	.887329E+0	-.430359E+0	.338266E-2	.902483E-2	.361552E-2
.894345E-2	.767334E+0	-.599670E+0			
432283300.	.887146E+0	-.431274E+0	.365127E-2	.917742E-2	.388672E-2
.909956E-2	.767090E+0	-.600128E+0			
432295800.	.886719E+0	-.432251E+0	.393008E-2	.934536E-2	.418025E-2
.925620E-2	.766602E+0	-.600708E+0			
432308400.	.886658E+0	-.433228E+0	.425448E-2	.950683E-2	.450083E-2
.942130E-2	.766083E+0	-.600861E+0			
432320900.	.886108E+0	-.434021E+0	.460211E-2	.970808E-2	.484835E-2
.959290E-2	.765961E+0	-.601440E+0			
432333400.	.885803E+0	-.435120E+0	.497845E-2	.989552E-2	.523854E-2
.978296E-2	.765289E+0	-.602020E+0			
432345900.	.885132E+0	-.436035E+0	.540321E-2	.101178E-1	.565609E-2
.998756E-2	.764801E+0	-.602234E+0			
432358400.	.884155E+0	-.436951E+0	.589705E-2	.103373E-1	.616769E-2
.102032E-1	.764069E+0	-.602844E+0			
432370900.	.883362E+0	-.437927E+0	.645926E-2	.105697E-1	.673643E-2
.104151E-1	.763275E+0	-.603180E+0			
432383400.	.882263E+0	-.438965E+0	.713418E-2	.108194E-1	.741945E-2
.106400E-1	.762756E+0	-.603821E+0			
432395900.	.880920E+0	-.440002E+0	.791708E-2	.110451E-1	.820126E-2
.108511E-1	.761902E+0	-.604065E+0			
432408400.	.879395E+0	-.440735E+0	.886601E-2	.112623E-1	.915044E-2
.110366E-1	.760895E+0	-.604462E+0			
432421000.	.877380E+0	-.441406E+0	.999543E-2	.113874E-1	.103009E-1
.111351E-1	.759918E+0	-.605042E+0			
432433500.	.875244E+0	-.442078E+0	.113816E-1	.113878E-1	.116927E-1
.110997E-1	.758667E+0	-.605133E+0			

432446000.	.872314E+0	-.442444E+0	.130424E-1	.111193E-1	.133449E-1	
.108035E-1	.757507E+0	-.605408E+0				
432458500.	.868774E+0	-.441833E+0	.149749E-1	.104506E-1	.152684E-1	
.100768E-1	.756012E+0	-.605194E+0				
432471000.	.865112E+0	-.440369E+0	.171081E-1	.911863E-2	.173443E-1	
.868044E-2	.754303E+0	-.604584E+0				
432483500.	.861816E+0	-.437134E+0	.191167E-1	.683272E-2	.193077E-1	
.634630E-2	.753021E+0	-.603363E+0				
432496000.	.858826E+0	-.432068E+0	.204475E-1	.355048E-2	.205528E-1	
.304263E-2	.752136E+0	-.601593E+0				
432508500.	.858459E+0	-.426270E+0	.204448E-1	-.341584E-3	.204580E-1	-
.840950E-3	.752167E+0	-.599609E+0				
432521100.	.860596E+0	-.420593E+0	.188668E-1	-.398054E-2	.187841E-1	-
.446820E-2	.753204E+0	-.598083E+0				
432533600.	.864563E+0	-.416199E+0	.161305E-1	-.655330E-2	.159750E-1	-
.696297E-2	.754608E+0	-.597046E+0				
432546100.	.869507E+0	-.414490E+0	.130744E-1	-.777873E-2	.128849E-1	-
.814018E-2	.756195E+0	-.596985E+0				
432558600.	.873901E+0	-.414185E+0	.103014E-1	-.796438E-2	.101239E-1	-
.823536E-2	.757629E+0	-.597839E+0				
432571100.	.877380E+0	-.415283E+0	.808903E-2	-.748407E-2	.790601E-2	-
.771273E-2	.758698E+0	-.598755E+0				
432583600.	.880249E+0	-.416748E+0	.642459E-2	-.671763E-2	.625449E-2	-
.690171E-2	.758972E+0	-.599915E+0				
432596100.	.882202E+0	-.418396E+0	.519194E-2	-.587730E-2	.503631E-2	-
.601119E-2	.758911E+0	-.601105E+0				
432608600.	.883362E+0	-.420227E+0	.429230E-2	-.502702E-2	.416672E-2	-
.514117E-2	.759277E+0	-.602295E+0				
432621200.	.884277E+0	-.421875E+0	.365989E-2	-.423115E-2	.354516E-2	-
.433423E-2	.758942E+0	-.603333E+0				
432633700.	.884644E+0	-.423462E+0	.319565E-2	-.351669E-2	.310655E-2	-
.359565E-2	.758698E+0	-.604004E+0				
432646200.	.885071E+0	-.424927E+0	.283982E-2	-.289989E-2	.277692E-2	-
.296894E-2	.758209E+0	-.605438E+0				
432658700.	.885315E+0	-.426025E+0	.258868E-2	-.233773E-2	.253600E-2	-
.239706E-2	.757996E+0	-.606079E+0				
432671200.	.885437E+0	-.427124E+0	.238531E-2	-.182863E-2	.235659E-2	-
.188833E-2	.757385E+0	-.607025E+0				
432683700.	.885315E+0	-.428101E+0	.224201E-2	-.136656E-2	.221147E-2	-
.143401E-2	.756744E+0	-.607880E+0				
432696200.	.885437E+0	-.429565E+0	.213910E-2	-.948897E-3	.211873E-2	-
.100589E-2	.756317E+0	-.608795E+0				
432708700.	.885315E+0	-.430359E+0	.206432E-2	-.565105E-3	.204855E-2	-
.613157E-3	.755554E+0	-.609680E+0				
432721200.	.884949E+0	-.431458E+0	.202833E-2	-.210827E-3	.202972E-2	-
.258793E-3	.755127E+0	-.610504E+0				
432733800.	.884827E+0	-.432251E+0	.203348E-2	.102244E-3	.204081E-2	
.552874E-4	.754272E+0	-.611206E+0				
432746300.	.884338E+0	-.433044E+0	.206749E-2	.369370E-3	.206491E-2	
.328023E-3	.753418E+0	-.612152E+0				
432758800.	.884216E+0	-.433960E+0	.209213E-2	.606049E-3	.212282E-2	
.551837E-3	.752686E+0	-.612793E+0				
432771300.	.883789E+0	-.434631E+0	.216671E-2	.797329E-3	.218670E-2	
.735889E-3	.751648E+0	-.613525E+0				
432783800.	.883484E+0	-.435303E+0	.222830E-2	.923925E-3	.226014E-2	
.870637E-3	.750977E+0	-.614563E+0				

```
 432796300.     .882751E+0    -.436096E+0    .229245E-2    .974747E-3    .230704E-2
.921739E-3    .750000E+0    -.614960E+0
 432808800.     .882324E+0    -.436523E+0    .232125E-2    .978967E-3    .233997E-2
.917961E-3    .749207E+0    -.615845E+0
 432821300.     .881958E+0    -.437012E+0    .228368E-2    .927607E-3    .231085E-2
.868797E-3    .748444E+0    -.616608E+0
 432833900.     .881531E+0    -.437378E+0    .218358E-2    .845893E-3    .221110E-2
.783799E-3    .747467E+0    -.617310E+0
 432846400.     .881165E+0    -.437622E+0    .200139E-2    .765173E-3    .202768E-2
.708758E-3    .746429E+0    -.617981E+0
 432858900.     .880981E+0    -.438171E+0    .174902E-2    .725235E-3    .176237E-2
.685141E-3    .745544E+0    -.618927E+0
 432871400.     .880737E+0    -.438599E+0    .145639E-2    .723156E-3    .147174E-2
.687934E-3    .744598E+0    -.619934E+0
 432883900.     .880554E+0    -.439331E+0    .113749E-2    .766854E-3    .115570E-2
.730517E-3    .743530E+0    -.620758E+0
 432896400.     .880127E+0    -.439941E+0    .819556E-3    .831602E-3    .825529E-3
.805622E-3    .742554E+0    -.621765E+0
 432908900.     .879883E+0    -.440491E+0    .471723E-3    .905643E-3    .490332E-3
.891521E-3    .741119E+0    -.622650E+0
 432921400.     .879333E+0    -.441406E+0    .100043E-3    .100452E-2    .131238E-3
.994759E-3    .739868E+0    -.624023E+0
 432934000.     .879089E+0    -.442139E+0    -.263440E-3    .109533E-2    -.243770E-3
.109781E-2    .738464E+0    -.625153E+0
 432946500.     .878479E+0    -.442688E+0    -.687038E-3    .116400E-2    -.649344E-3
.118475E-2    .736816E+0    -.626160E+0
 432959000.     .877563E+0    -.443359E+0    -.114894E-2    .123546E-2    -.112655E-2
.127018E-2    .735077E+0    -.627411E+0
 432971500.     .877075E+0    -.444397E+0    -.170628E-2    .129602E-2    -.166713E-2
.133988E-2    .733215E+0    -.628571E+0
 432984000.     .876343E+0    -.445007E+0    -.234706E-2    .135892E-2    -.231563E-2
.143864E-2    .731384E+0    -.629730E+0
 432996500.     .875732E+0    -.445984E+0    -.310955E-2    .143404E-2    -.308139E-2
.152166E-2    .728882E+0    -.631134E+0
 433009000.     .874451E+0    -.446716E+0    -.402935E-2    .152973E-2    -.398254E-2
.162993E-2    .726227E+0    -.632050E+0
 433021500.     .873413E+0    -.447632E+0    -.513355E-2    .168426E-2    -.508680E-2
.181696E-2    .723511E+0    -.633118E+0
 433034000.     .872009E+0    -.448181E+0    -.647693E-2    .191087E-2    -.641666E-2
.208974E-2    .719910E+0    -.634003E+0
 433046600.     .870544E+0    -.448853E+0    -.810907E-2    .227268E-2    -.806457E-2
.249086E-2    .715942E+0    -.634857E+0
 433059100.     .868713E+0    -.449341E+0    -.101485E-1    .289057E-2    -.100780E-1
.315945E-2    .711517E+0    -.635315E+0
 433071600.     .866272E+0    -.449585E+0    -.126384E-1    .392433E-2    -.125352E-1
.426086E-2    .706238E+0    -.635223E+0
 433084100.     .863892E+0    -.449280E+0    -.156201E-1    .564189E-2    -.154787E-1
.607042E-2    .700226E+0    -.633667E+0
 433096600.     .861206E+0    -.448242E+0    -.190407E-1    .846503E-2    -.188276E-1
.898348E-2    .693390E+0    -.631012E+0
 433109100.     .858521E+0    -.446289E+0    -.226242E-1    .129677E-1    -.222866E-1
.135905E-1    .686462E+0    -.625458E+0
 433121600.     .856201E+0    -.442383E+0    -.254718E-1    .198114E-1    -.249361E-1
.205044E-1    .680542E+0    -.616211E+0
 433134100.     .855896E+0    -.437439E+0    -.258339E-1    .290001E-1    -.250186E-1
.297006E-1    .678986E+0    -.603699E+0
```

433146700.	.858032E+0	-.432251E+0	-.218141E-1	.387842E-1	-.207584E-1
.393706E-1	.683716E+0	-.590179E+0			
433159200.	.863159E+0	-.429199E+0	-.137258E-1	.459348E-1	-.124769E-1
.463119E-1	.694916E+0	-.581390E+0			
433171700.	.868469E+0	-.429077E+0	-.433983E-2	.487620E-1	-.302893E-2
.488665E-1	.707489E+0	-.579407E+0			
433184200.	.872986E+0	-.431152E+0	.382015E-2	.481202E-1	.509542E-2
.480073E-1	.718292E+0	-.583008E+0			
433196700.	.875732E+0	-.434265E+0	.979180E-2	.457446E-1	.110218E-1
.454856E-1	.725159E+0	-.589294E+0			
433209200.	.877380E+0	-.437500E+0	.139203E-1	.430018E-1	.150661E-1
.426193E-1	.728943E+0	-.595795E+0			
433221700.	.877747E+0	-.440735E+0	.166887E-1	.404460E-1	.177579E-1
.400097E-1	.730591E+0	-.602081E+0			
433234200.	.877991E+0	-.443848E+0	.186082E-1	.383246E-1	.196385E-1
.378070E-1	.730804E+0	-.608215E+0			
433246800.	.877563E+0	-.446228E+0	.200175E-1	.366113E-1	.210006E-1
.360781E-1	.730164E+0	-.613251E+0			
433259300.	.876953E+0	-.448792E+0	.211341E-1	.353174E-1	.220901E-1
.347659E-1	.728821E+0	-.617950E+0			
433271800.	.876404E+0	-.450867E+0	.220653E-1	.343713E-1	.229975E-1
.337937E-1	.727051E+0	-.622345E+0			
433284300.	.875366E+0	-.453064E+0	.229323E-1	.337103E-1	.238303E-1
.330929E-1	.724945E+0	-.625916E+0			
433296800.	.874390E+0	-.455078E+0	.237517E-1	.333131E-1	.246251E-1
.326670E-1	.722595E+0	-.629700E+0			
433309300.	.873352E+0	-.457031E+0	.245675E-1	.331137E-1	.254491E-1
.324410E-1	.720093E+0	-.633118E+0			
433321800.	.872192E+0	-.458984E+0	.254287E-1	.331183E-1	.262939E-1
.324114E-1	.717316E+0	-.636322E+0			
433334300.	.871155E+0	-.460754E+0	.263268E-1	.332762E-1	.272241E-1
.325524E-1	.714600E+0	-.639465E+0			
433346800.	.869690E+0	-.462646E+0	.273393E-1	.335947E-1	.282234E-1
.328362E-1	.711395E+0	-.642395E+0			
433359400.	.868469E+0	-.464600E+0	.284282E-1	.340511E-1	.293451E-1
.332575E-1	.708130E+0	-.645752E+0			
433371900.	.867065E+0	-.466248E+0	.296331E-1	.346481E-1	.305577E-1
.338147E-1	.704529E+0	-.648499E+0			
433384400.	.865540E+0	-.468201E+0	.309490E-1	.353537E-1	.318917E-1
.344626E-1	.700806E+0	-.651428E+0			
433396900.	.863831E+0	-.470215E+0	.324030E-1	.361827E-1	.333792E-1
.352465E-1	.696625E+0	-.654358E+0			
433409400.	.862244E+0	-.472290E+0	.340378E-1	.371407E-1	.350231E-1
.361736E-1	.692169E+0	-.657104E+0			
433421900.	.860229E+0	-.474182E+0	.358425E-1	.382086E-1	.368513E-1
.371869E-1	.687286E+0	-.659851E+0			
433434400.	.858215E+0	-.476440E+0	.378915E-1	.393907E-1	.389265E-1
.382895E-1	.682770E+0	-.662262E+0			
433446900.	.856079E+0	-.478699E+0	.401523E-1	.406260E-1	.412236E-1
.394550E-1	.677673E+0	-.664398E+0			
433459500.	.853638E+0	-.481079E+0	.426251E-1	.419533E-1	.437555E-1
.406940E-1	.672760E+0	-.666809E+0			
433472000.	.851135E+0	-.483704E+0	.453550E-1	.433735E-1	.464896E-1
.420290E-1	.667999E+0	-.669342E+0			
433484500.	.848450E+0	-.486206E+0	.483045E-1	.449278E-1	.494656E-1
.435116E-1	.662872E+0	-.672485E+0			

433497000.	.845215E+0	-.488708E+0	.515824E-1	.467196E-1	.527754E-1				
.452115E-1	.657196E+0	-.676117E+0							
433509500.	.841797E+0	-.491760E+0	.553028E-1	.487198E-1	.565569E-1				
.470901E-1	.650238E+0	-.680450E+0							
433522000.	.837769E+0	-.494629E+0	.595769E-1	.509678E-1	.608714E-1				
.491486E-1	.642426E+0	-.684814E+0							
433534500.	.833557E+0	-.497864E+0	.645637E-1	.533480E-1	.659276E-1				
.513781E-1	.633423E+0	-.689301E+0							
433547000.	.828613E+0	-.501404E+0	.703000E-1	.558566E-1	.717221E-1				
.537329E-1	.623016E+0	-.693512E+0							
433559600.	.823059E+0	-.504395E+0	.769175E-1	.584522E-1	.783811E-1				
.561024E-1	.611389E+0	-.697998E+0							
433572100.	.816772E+0	-.508362E+0	.846100E-1	.612000E-1	.860525E-1				
.585524E-1	.598236E+0	-.701935E+0							
433584600.	.809265E+0	-.511902E+0	.936926E-1	.639193E-1	.951570E-1				
.610604E-1	.583099E+0	-.705688E+0							
433597100.	.800476E+0	-.515564E+0	.104355E+0	.665314E-1	.105885E+0				
.633671E-1	.565704E+0	-.708801E+0							
433609600.	.790466E+0	-.518982E+0	.116988E+0	.687852E-1	.118508E+0				
.652209E-1	.545532E+0	-.711212E+0							
433622100.	.778625E+0	-.522461E+0	.132096E+0	.704130E-1	.133441E+0				
.663722E-1	.522308E+0	-.712036E+0							
433634600.	.764252E+0	-.524933E+0	.150173E+0	.708574E-1	.151406E+0				
.662324E-1	.495148E+0	-.710327E+0							
433647100.	.747437E+0	-.526123E+0	.171960E+0	.692820E-1	.172842E+0				
.639724E-1	.463440E+0	-.705139E+0							
433659600.	.726990E+0	-.525085E+0	.197962E+0	.642210E-1	.198471E+0				
.582676E-1	.427124E+0	-.694458E+0							
433672200.	.702911E+0	-.520111E+0	.228778E+0	.534339E-1	.228488E+0				
.467642E-1	.385468E+0	-.674927E+0							
433684700.	.675293E+0	-.508698E+0	.263810E+0	.334558E-1	.262436E+0				
.262859E-1	.340393E+0	-.642487E+0							
433697200.	.645752E+0	-.487671E+0	.300677E+0	.230617E-3	.297994E+0	-			
.737252E-2	.295959E+0	-.591858E+0							
433709700.	.618530E+0	-.453705E+0	.333297E+0	-.508719E-1	.329110E+0	-			
.581813E-1	.261139E+0	-.518921E+0							
433722200.	.601166E+0	-.405884E+0	.350788E+0	-.120298E+0	.345136E+0	-			
.126666E+0	.249939E+0	-.424927E+0							
433734700.	.602631E+0	-.349365E+0	.341261E+0	-.199985E+0	.335004E+0	-			
.205212E+0	.276688E+0	-.322906E+0							
433747200.	.627075E+0	-.295898E+0	.300297E+0	-.273126E+0	.293827E+0	-			
.277180E+0	.343903E+0	-.236328E+0							
433759700.	.669098E+0	-.258270E+0	.236909E+0	-.323150E+0	.230408E+0	-			
.326304E+0	.436829E+0	-.185394E+0							
433772300.	.716553E+0	-.241119E+0	.167951E+0	-.344887E+0	.161593E+0	-			
.347341E+0	.531097E+0	-.174622E+0							
433784800.	.759491E+0	-.240631E+0	.106798E+0	-.344278E+0	.100659E+0	-			
.346313E+0	.609741E+0	-.192322E+0							
433797300.	.793640E+0	-.250214E+0	.581890E-1	-.331194E+0	.519799E-1	-			
.332589E+0	.668610E+0	-.225098E+0							
433809800.	.819366E+0	-.264801E+0	.214729E-1	-.312589E+0	.154276E-1	-			
.313599E+0	.709198E+0	-.263245E+0							
433822300.	.837952E+0	-.280731E+0	-.549183E-2	-.292884E+0	-.114858E-1	-			
.293354E+0	.735687E+0	-.301025E+0							
433834800.	.850861E+0	-.296783E+0	-.252257E-1	-.274119E+0	-.310642E-1	-			
.274143E+0	.751984E+0	-.336365E+0							

433847300.	.859589E+0	-.311768E+0	-.398104E-1	-.257137E+0	-.454703E-1	-.256851E+0	.761108E+0	-.368195E+0
433859800.	.865234E+0	-.325623E+0	-.508884E-1	-.242499E+0	-.563651E-1	-.241886E+0	.764893E+0	-.396576E+0
433872400.	.868713E+0	-.338135E+0	-.594546E-1	-.229894E+0	-.648854E-1	-.228990E+0	.765045E+0	-.421753E+0
433884900.	.870483E+0	-.349487E+0	-.664197E-1	-.219225E+0	-.716818E-1	-.218132E+0	.762543E+0	-.444305E+0
433897400.	.871216E+0	-.360046E+0	-.724282E-1	-.210347E+0	-.776018E-1	-.208988E+0	.758087E+0	-.464417E+0
433909900.	.870972E+0	-.369873E+0	-.778036E-1	-.202933E+0	-.828690E-1	-.201461E+0	.751831E+0	-.482758E+0
433922400.	.869934E+0	-.378906E+0	-.827790E-1	-.196954E+0	-.878350E-1	-.195200E+0	.743927E+0	-.499359E+0
433934900.	.867981E+0	-.387512E+0	-.878545E-1	-.192119E+0	-.927352E-1	-.190102E+0	.734436E+0	-.514771E+0
433947400.	.865234E+0	-.395569E+0	-.930831E-1	-.188268E+0	-.979909E-1	-.186189E+0	.723724E+0	-.529358E+0
433959900.	.862244E+0	-.403687E+0	-.986683E-1	-.185416E+0	-.103534E+0	-.183083E+0	.710876E+0	-.542572E+0
433972400.	.857971E+0	-.411438E+0	-.104898E+0	-.183302E+0	-.109661E+0	-.180687E+0	.695892E+0	-.555145E+0
433985000.	.853210E+0	-.418945E+0	-.111857E+0	-.181893E+0	-.116621E+0	-.179019E+0	.678345E+0	-.566620E+0
433997500.	.847534E+0	-.426208E+0	-.119780E+0	-.180941E+0	-.124527E+0	-.177663E+0	.657501E+0	-.576599E+0
434010000.	.840881E+0	-.433899E+0	-.129062E+0	-.180313E+0	-.133649E+0	-.176706E+0	.632599E+0	-.584106E+0
434022500.	.833069E+0	-.441406E+0	-.139682E+0	-.179667E+0	-.144129E+0	-.175475E+0	.602448E+0	-.587006E+0
434035000.	.823486E+0	-.449097E+0	-.151644E+0	-.178437E+0	-.155995E+0	-.173869E+0	.567383E+0	-.582489E+0
434047500.	.812622E+0	-.456848E+0	-.164548E+0	-.176408E+0	-.168601E+0	-.171382E+0	.530884E+0	-.564545E+0
434060000.	.799072E+0	-.465088E+0	-.177581E+0	-.174319E+0	-.181193E+0	-.168826E+0	.502472E+0	-.530640E+0
434072500.	.781647E+0	-.473511E+0	-.190989E+0	-.174579E+0	-.194223E+0	-.168882E+0	.496765E+0	-.490631E+0
434085100.	.759003E+0	-.481445E+0	-.209586E+0	-.179399E+0	-.212585E+0	-.173399E+0	.509094E+0	-.469452E+0
434097600.	.729156E+0	-.486755E+0	-.239301E+0	-.184557E+0	-.242107E+0	-.178130E+0	.512421E+0	-.473328E+0
434110100.	.690765E+0	-.485901E+0	-.282568E+0	-.183338E+0	-.284863E+0	-.176117E+0	.488800E+0	-.483002E+0
434122600.	.643097E+0	-.473267E+0	-.338697E+0	-.167544E+0	-.339930E+0	-.159472E+0	.440216E+0	-.477173E+0
434135100.	.588501E+0	-.440643E+0	-.403559E+0	-.126456E+0	-.403359E+0	-.117747E+0	.376434E+0	-.438751E+0
434147600.	.537659E+0	-.376953E+0	-.463621E+0	-.472590E-1	-.461458E+0	-.391046E-1	.319168E+0	-.353668E+0
434160100.	.514679E+0	-.280243E+0	-.489097E+0	.714606E-1	-.485833E+0	-.783750E-1	.304565E+0	-.223587E+0
434172600.	.545105E+0	-.174194E+0	-.449665E+0	.200351E+0	-.446229E+0	-.206084E+0	.366638E+0	-.863647E-1
434185200.	.623199E+0	-.100616E+0	-.353774E+0	.288965E+0	-.350265E+0	-.294070E+0	.491287E+0	-.152588E-2

434197700.	.712402E+0	-.759277E-1	-.245795E+0	.317985E+0	-.242242E+0
.322471E+0	.623413E+0	.115967E-1			
434210200.	.785339E+0	-.860291E-1	-.158334E+0	.306040E+0	-.154684E+0
.309877E+0	.726257E+0	-.217285E-1			
434222700.	.836548E+0	-.111023E+0	-.978004E-1	.277020E+0	-.937897E-1
.280308E+0	.794220E+0	-.721436E-1			
434235200.	.870239E+0	-.139069E+0	-.581499E-1	.244932E+0	-.542558E-1
.247364E+0	.836182E+0	-.123260E+0			
434247700.	.891937E+0	-.165253E+0	-.324962E-1	.215129E+0	-.289117E-1
.216977E+0	.860962E+0	-.169250E+0			
434260200.	.906281E+0	-.188385E+0	-.160259E-1	.189422E+0	-.126072E-1
.190754E+0	.875458E+0	-.208618E+0			
434272700.	.915436E+0	-.208313E+0	-.524174E-2	.167450E+0	-.199944E-2
.168540E+0	.883118E+0	-.242188E+0			
434285200.	.921173E+0	-.225128E+0	.186954E-2	.149024E+0	.484417E-2
.149848E+0	.886993E+0	-.270935E+0			
434297800.	.925232E+0	-.239441E+0	.665052E-2	.133517E+0	.940521E-2
.134107E+0	.888123E+0	-.295166E+0			
434310300.	.927795E+0	-.252014E+0	.980274E-2	.120460E+0	.123664E-1
.120909E+0	.887604E+0	-.316498E+0			
434322800.	.929443E+0	-.262756E+0	.118580E-1	.109238E+0	.143489E-1
.109626E+0	.886047E+0	-.334839E+0			
434335300.	.930603E+0	-.272278E+0	.133346E-1	.997100E-1	.155461E-1
.999171E-1	.883667E+0	-.351013E+0			
434347800.	.931030E+0	-.280762E+0	.143717E-1	.914654E-1	.163466E-1
.916102E-1	.880859E+0	-.365295E+0			
434360300.	.931152E+0	-.287964E+0	.149358E-1	.843352E-1	.168340E-1
.844199E-1	.877686E+0	-.378845E+0			
434372800.	.931274E+0	-.294189E+0	.152922E-1	.780744E-1	.170672E-1
.781188E-1	.873779E+0	-.390686E+0			
434385300.	.931152E+0	-.300110E+0	.154778E-1	.726713E-1	.172057E-1
.726259E-1	.869507E+0	-.401550E+0			
434397900.	.930969E+0	-.305481E+0	.156938E-1	.678506E-1	.173279E-1
.678408E-1	.864685E+0	-.412109E+0			
434410400.	.930603E+0	-.310486E+0	.158451E-1	.637550E-1	.174294E-1
.636396E-1	.859131E+0	-.421997E+0			
434422900.	.929993E+0	-.314819E+0	.161330E-1	.600292E-1	.176088E-1
.599563E-1	.852295E+0	-.431458E+0			
434435400.	.929565E+0	-.318909E+0	.166054E-1	.569126E-1	.180273E-1
.567166E-1	.843140E+0	-.440369E+0			
434447900.	.929077E+0	-.322571E+0	.174331E-1	.541052E-1	.187977E-1
.539110E-1	.831299E+0	-.448700E+0			
434460400.	.928284E+0	-.326111E+0	.189361E-1	.514689E-1	.202696E-1
.511911E-1	.813538E+0	-.454468E+0			
434472900.	.927734E+0	-.329102E+0	.215157E-1	.482984E-1	.227744E-1
.479156E-1	.787628E+0	-.451630E+0			
434485400.	.926697E+0	-.331421E+0	.248621E-1	.426585E-1	.259556E-1
.421393E-1	.759033E+0	-.424408E+0			
434498000.	.926514E+0	-.333740E+0	.246408E-1	.335866E-1	.254402E-1
.330562E-1	.765198E+0	-.370209E+0			
434510500.	.926453E+0	-.335449E+0	.189108E-1	.277071E-1	.195637E-1
.273523E-1	.814331E+0	-.348328E+0			
434523000.	.926514E+0	-.338074E+0	.141940E-1	.266314E-1	.148013E-1
.264000E-1	.849426E+0	-.364655E+0			
434535500.	.926392E+0	-.340515E+0	.118046E-1	.266356E-1	.124255E-1
.264533E-1	.863281E+0	-.385620E+0			

434548000.	.926086E+0	-.342773E+0	.106135E-1	.264769E-1	.112338E-1
.263105E-1	.867676E+0	-.402466E+0			
434560500.	.925964E+0	-.344727E+0	.993342E-2	.260685E-1	.105582E-1
.259236E-1	.868408E+0	-.415466E+0			
434573000.	.925415E+0	-.346741E+0	.950656E-2	.254847E-1	.101126E-1
.253625E-1	.867371E+0	-.425354E+0			
434585500.	.924927E+0	-.348633E+0	.920422E-2	.248500E-1	.980175E-2
.247200E-1	.865601E+0	-.433533E+0			
434598000.	.924561E+0	-.350342E+0	.898179E-2	.241584E-1	.957417E-2
.240455E-1	.863464E+0	-.440491E+0			
434610600.	.924316E+0	-.352112E+0	.881744E-2	.234662E-1	.941072E-2
.233473E-1	.861145E+0	-.446533E+0			
434623100.	.923828E+0	-.353577E+0	.873593E-2	.227950E-1	.929431E-2
.226742E-1	.858459E+0	-.451904E+0			
434635600.	.923340E+0	-.354919E+0	.870102E-2	.221286E-1	.926095E-2
.220049E-1	.855896E+0	-.456543E+0			
434648100.	.922913E+0	-.356567E+0	.876939E-2	.214980E-1	.931373E-2
.213763E-1	.852661E+0	-.460876E+0			
434660600.	.922607E+0	-.357849E+0	.894279E-2	.208659E-1	.948342E-2
.207158E-1	.848633E+0	-.464478E+0			
434673100.	.922119E+0	-.358948E+0	.930184E-2	.201592E-1	.981323E-2
.199988E-1	.844482E+0	-.467041E+0			
434685600.	.921692E+0	-.360352E+0	.985187E-2	.192671E-1	.103366E-1
.190780E-1	.838928E+0	-.468018E+0			
434698100.	.921326E+0	-.361328E+0	.104667E-1	.179153E-1	.109115E-1
.177083E-1	.833557E+0	-.465759E+0			
434710700.	.920715E+0	-.362061E+0	.106810E-1	.159652E-1	.110816E-1
.157427E-1	.831360E+0	-.460266E+0			
434723200.	.920715E+0	-.363098E+0	.994465E-2	.139399E-1	.102859E-1
.137334E-1	.834473E+0	-.454590E+0			
434735700.	.920532E+0	-.363892E+0	.857550E-2	.126699E-1	.888738E-2
.124911E-1	.840942E+0	-.453735E+0			
434748200.	.920288E+0	-.364807E+0	.734724E-2	.121461E-1	.765459E-2
.119927E-1	.846252E+0	-.456787E+0			
434760700.	.920166E+0	-.365845E+0	.649323E-2	.119309E-1	.678501E-2
.118133E-1	.849121E+0	-.461121E+0			
434773200.	.920044E+0	-.366882E+0	.590650E-2	.117992E-1	.620266E-2
.116934E-1	.850342E+0	-.465454E+0			
434785700.	.919922E+0	-.367859E+0	.551755E-2	.116494E-1	.581705E-2
.115516E-1	.850342E+0	-.469360E+0			
434798200.	.919678E+0	-.368591E+0	.524099E-2	.114527E-1	.552378E-2
.113569E-1	.850037E+0	-.472778E+0			
434810800.	.919495E+0	-.369568E+0	.500747E-2	.112387E-1	.528597E-2
.111350E-1	.849487E+0	-.475830E+0			
434823300.	.919189E+0	-.370483E+0	.481684E-2	.109796E-1	.508785E-2
.108954E-1	.848816E+0	-.478516E+0			
434835800.	.919128E+0	-.371094E+0	.464308E-2	.107243E-1	.492144E-2
.106430E-1	.848022E+0	-.481140E+0			
434848300.	.918884E+0	-.371887E+0	.449211E-2	.104478E-1	.476004E-2
.103793E-1	.847046E+0	-.483154E+0			
434860800.	.918640E+0	-.372498E+0	.434127E-2	.101695E-1	.460126E-2
.100929E-1	.846252E+0	-.485291E+0			
434873300.	.917908E+0	-.373230E+0	.421366E-2	.988551E-2	.445834E-2
.980950E-2	.845337E+0	-.487122E+0			
434885800.	.918213E+0	-.374084E+0	.406804E-2	.961101E-2	.432534E-2
.953931E-2	.844604E+0	-.489014E+0			

434898300.	.917847E+0	-.374817E+0	.394984E-2	.931230E-2	.418279E-2
.924503E-2	.843811E+0	-.490601E+0			
434910800.	.917664E+0	-.375549E+0	.382645E-2	.902652E-2	.404001E-2
.897175E-2	.842773E+0	-.492371E+0			
434923400.	.917542E+0	-.376038E+0	.368247E-2	.874824E-2	.391602E-2
.868376E-2	.841919E+0	-.494141E+0			
434935900.	.917114E+0	-.376648E+0	.355906E-2	.846310E-2	.376901E-2
.839438E-2	.841125E+0	-.495544E+0			
434948400.	.917114E+0	-.377258E+0	.342562E-2	.816293E-2	.363027E-2
.810459E-2	.840332E+0	-.497131E+0			
434960900.	.916931E+0	-.377808E+0	.327966E-2	.786617E-2	.348263E-2
.781208E-2	.839294E+0	-.498413E+0			
434973400.	.916626E+0	-.378479E+0	.313261E-2	.756717E-2	.332457E-2
.750701E-2	.838501E+0	-.499878E+0			
434985900.	.916443E+0	-.378845E+0	.296508E-2	.725045E-2	.315389E-2
.720503E-2	.837646E+0	-.501282E+0			
434998400.	.916260E+0	-.379578E+0	.278738E-2	.694532E-2	.297463E-2
.690027E-2	.836670E+0	-.502747E+0			
435010900.	.915955E+0	-.380066E+0	.260091E-2	.661867E-2	.276606E-2
.657744E-2	.835632E+0	-.503845E+0			
435023500.	.915649E+0	-.380676E+0	.238208E-2	.627191E-2	.252656E-2
.623142E-2	.834473E+0	-.505493E+0			
435036000.	.915527E+0	-.381226E+0	.212100E-2	.591383E-2	.226907E-2
.586922E-2	.833252E+0	-.507019E+0			
435048500.	.915344E+0	-.381592E+0	.180716E-2	.551196E-2	.195306E-2
.548555E-2	.831848E+0	-.508484E+0			
435061000.	.915039E+0	-.382324E+0	.141490E-2	.507240E-2	.154276E-2
.504614E-2	.830322E+0	-.509888E+0			
435073500.	.914673E+0	-.382813E+0	.884579E-3	.459423E-2	.100279E-2
.458390E-2	.828186E+0	-.511475E+0			
435086000.	.914490E+0	-.383545E+0	.149511E-3	.407436E-2	.244404E-3
.407345E-2	.825623E+0	-.513000E+0			
435098500.	.913818E+0	-.383972E+0	-.955223E-3	.354079E-2	-.872970E-3
.357387E-2	.821838E+0	-.514648E+0			
435111000.	.913086E+0	-.384705E+0	-.268667E-2	.318769E-2	-.262503E-2
.325433E-2	.816284E+0	-.514771E+0			
435123600.	.912048E+0	-.384949E+0	-.539299E-2	.366443E-2	-.534737E-2
.380984E-2	.808228E+0	-.512024E+0			
435136100.	.910767E+0	-.384338E+0	-.852531E-2	.673968E-2	-.838168E-2
.699420E-2	.800903E+0	-.501648E+0			
435148600.	.910583E+0	-.382690E+0	-.803038E-2	.125730E-1	-.772453E-2
.128181E-1	.805908E+0	-.485321E+0			
435161100.	.911926E+0	-.381775E+0	-.334689E-2	.152742E-1	-.296237E-2
.153856E-1	.820862E+0	-.480530E+0			
435173600.	.913147E+0	-.382263E+0	.197922E-3	.143707E-1	.558041E-3
.144033E-1	.830383E+0	-.485718E+0			
435186100.	.913879E+0	-.383240E+0	.187184E-2	.128298E-1	.220588E-2
.128270E-1	.834167E+0	-.491699E+0			
435198600.	.913940E+0	-.383850E+0	.262479E-2	.115341E-1	.291035E-2
.114956E-1	.835266E+0	-.496094E+0			
435211100.	.914063E+0	-.384583E+0	.294566E-2	.105602E-1	.321329E-2
.105051E-1	.835571E+0	-.499512E+0			
435223600.	.913757E+0	-.384949E+0	.309042E-2	.977830E-2	.333075E-2
.973570E-2	.835388E+0	-.502380E+0			
435236200.	.913879E+0	-.385498E+0	.312369E-2	.917742E-2	.335915E-2
.912645E-2	.834595E+0	-.504456E+0			

435248700.	.913879E+0	-.386047E+0	.311409E-2	.869395E-2	.334054E-2
.864071E-2	.834290E+0	-.506409E+0			
435261200.	.913635E+0	-.386414E+0	.308963E-2	.827047E-2	.330970E-2
.821921E-2	.833862E+0	-.507996E+0			
435273700.	.913513E+0	-.386841E+0	.305328E-2	.793627E-2	.326034E-2
.787420E-2	.833191E+0	-.509094E+0			
435286200.	.913513E+0	-.387207E+0	.300589E-2	.762632E-2	.320551E-2
.757467E-2	.832703E+0	-.510315E+0			
435298700.	.913330E+0	-.387573E+0	.294851E-2	.736424E-2	.315161E-2
.729714E-2	.832458E+0	-.511292E+0			
435311200.	.913208E+0	-.388123E+0	.289651E-2	.712573E-2	.307526E-2
.705420E-2	.831665E+0	-.512451E+0			
435323700.	.912964E+0	-.388184E+0	.282750E-2	.690730E-2	.300643E-2
.684783E-2	.831360E+0	-.513245E+0			
435336300.	.913025E+0	-.388733E+0	.278230E-2	.669512E-2	.295929E-2
.665278E-2	.830811E+0	-.514160E+0			
435348800.	.912964E+0	-.388916E+0	.273164E-2	.653295E-2	.289633E-2
.647909E-2	.830444E+0	-.515137E+0			
435361300.	.912903E+0	-.389343E+0	.266288E-2	.636241E-2	.282821E-2
.630938E-2	.830200E+0	-.515686E+0			
435373800.	.912537E+0	-.389648E+0	.261107E-2	.621126E-2	.277902E-2
.615127E-2	.829468E+0	-.516418E+0			
435386300.	.912537E+0	-.390015E+0	.257362E-2	.605962E-2	.272339E-2
.600519E-2	.829285E+0	-.517029E+0			
435398800.	.912170E+0	-.390198E+0	.251227E-2	.592192E-2	.266483E-2
.587394E-2	.828918E+0	-.517883E+0			
435411300.	.912354E+0	-.390625E+0	.245554E-2	.579368E-2	.261086E-2
.575185E-2	.828308E+0	-.518311E+0			
435423800.	.912231E+0	-.390564E+0	.241940E-2	.566001E-2	.255261E-2
.562252E-2	.828064E+0	-.519043E+0			
435436400.	.912048E+0	-.391052E+0	.236443E-2	.555234E-2	.249997E-2
.551056E-2	.827576E+0	-.519653E+0			
435448900.	.911987E+0	-.391418E+0	.231090E-2	.543795E-2	.245173E-2
.539054E-2	.826965E+0	-.520142E+0			
435461400.	.912109E+0	-.391663E+0	.225922E-2	.533553E-2	.240225E-2
.528557E-2	.827026E+0	-.520813E+0			
435473900.	.911743E+0	-.391663E+0	.221659E-2	.523585E-2	.233997E-2
.519171E-2	.826477E+0	-.521301E+0			
435486400.	.911743E+0	-.392090E+0	.215419E-2	.513717E-2	.228975E-2
.509884E-2	.825989E+0	-.521790E+0			
435498900.	.911682E+0	-.392395E+0	.209030E-2	.504157E-2	.221995E-2
.499525E-2	.825562E+0	-.522461E+0			
435511400.	.911560E+0	-.392761E+0	.204123E-2	.494224E-2	.216169E-2
.490918E-2	.825073E+0	-.522888E+0			
435523900.	.911499E+0	-.392822E+0	.196615E-2	.484451E-2	.209035E-2
.480121E-2	.824829E+0	-.523804E+0			
435536400.	.911072E+0	-.392944E+0	.189048E-2	.475830E-2	.201563E-2
.471542E-2	.824219E+0	-.523926E+0			
435549000.	.911133E+0	-.393188E+0	.179897E-2	.467788E-2	.191483E-2
.463532E-2	.823730E+0	-.524536E+0			
435561500.	.910950E+0	-.393311E+0	.169119E-2	.460641E-2	.181544E-2
.457671E-2	.823364E+0	-.525024E+0			
435574000.	.910889E+0	-.393433E+0	.156802E-2	.456194E-2	.169201E-2
.453018E-2	.822327E+0	-.525208E+0			
435586500.	.910583E+0	-.393738E+0	.143195E-2	.455671E-2	.154326E-2
.453614E-2	.822021E+0	-.525696E+0			

435599000.	.910645E+0	-.393982E+0	.130571E-2	.458778E-2	.142209E-2
.457219E-2	.821289E+0	-.525818E+0			
435611500.	.910461E+0	-.394043E+0	.119150E-2	.466884E-2	.132006E-2
.464541E-2	.820374E+0	-.525818E+0			
435624000.	.910583E+0	-.394287E+0	.110837E-2	.477118E-2	.122399E-2
.475422E-2	.819824E+0	-.525452E+0			
435636500.	.910522E+0	-.394348E+0	.107649E-2	.494824E-2	.120225E-2
.493211E-2	.819153E+0	-.525024E+0			
435649100.	.910522E+0	-.394592E+0	.115973E-2	.514647E-2	.129406E-2
.512905E-2	.819519E+0	-.524231E+0			
435661600.	.910278E+0	-.394653E+0	.134528E-2	.525649E-2	.147429E-2
.523701E-2	.820190E+0	-.523621E+0			
435674100.	.910339E+0	-.394958E+0	.156095E-2	.526571E-2	.169203E-2
.523545E-2	.820862E+0	-.523804E+0			
435686600.	.910522E+0	-.395020E+0	.173411E-2	.519565E-2	.187977E-2
.515261E-2	.821350E+0	-.524109E+0			
435699100.	.910339E+0	-.395325E+0	.186972E-2	.507024E-2	.199459E-2
.502635E-2	.821838E+0	-.524902E+0			
435711600.	.910278E+0	-.395508E+0	.193787E-2	.495022E-2	.206597E-2
.490333E-2	.821899E+0	-.525513E+0			
435724100.	.910278E+0	-.395752E+0	.198759E-2	.481798E-2	.210419E-2
.478745E-2	.821655E+0	-.526306E+0			
435736600.	.910278E+0	-.395935E+0	.200167E-2	.471385E-2	.213155E-2
.467051E-2	.821716E+0	-.526855E+0			
435749200.	.910095E+0	-.395996E+0	.201321E-2	.462059E-2	.213333E-2
.458391E-2	.821533E+0	-.527527E+0			
435761700.	.909973E+0	-.396301E+0	.202137E-2	.453341E-2	.211777E-2
.449907E-2	.821350E+0	-.527893E+0			
435774200.	.910034E+0	-.396484E+0	.201018E-2	.444865E-2	.213486E-2
.441219E-2	.821167E+0	-.528503E+0			
435786700.	.909729E+0	-.396729E+0	.200193E-2	.438412E-2	.211709E-2
.433692E-2	.820984E+0	-.528809E+0			
435799200.	.909912E+0	-.396912E+0	.200152E-2	.432146E-2	.210419E-2
.428675E-2	.820801E+0	-.529419E+0			
435811700.	.909668E+0	-.396912E+0	.198448E-2	.426483E-2	.210046E-2
.422549E-2	.820801E+0	-.529846E+0			
435824200.	.909729E+0	-.397095E+0	.198385E-2	.421979E-2	.208619E-2
.417249E-2	.820435E+0	-.530090E+0			
435836700.	.909546E+0	-.397461E+0	.196903E-2	.416685E-2	.207958E-2
.412791E-2	.820313E+0	-.530579E+0			
435849200.	.909607E+0	-.397461E+0	.197400E-2	.413931E-2	.207913E-2
.408983E-2	.819824E+0	-.531006E+0			
435861800.	.909485E+0	-.397705E+0	.195217E-2	.409857E-2	.207362E-2
.405227E-2	.819946E+0	-.531433E+0			
435874300.	.909302E+0	-.398010E+0	.196532E-2	.405052E-2	.207357E-2
.400760E-2	.819580E+0	-.531677E+0			
435886800.	.909180E+0	-.398193E+0	.196268E-2	.402374E-2	.205580E-2
.399058E-2	.819214E+0	-.532104E+0			
435899300.	.909180E+0	-.398193E+0	.197258E-2	.398868E-2	.206361E-2
.395592E-2	.818787E+0	-.532410E+0			
435911800.	.909058E+0	-.398315E+0	.197520E-2	.397623E-2	.206970E-2
.393125E-2	.818604E+0	-.532654E+0			
435924300.	.909119E+0	-.398743E+0	.197216E-2	.395993E-2	.208335E-2
.391274E-2	.818604E+0	-.532959E+0			
435936800.	.909180E+0	-.398560E+0	.199216E-2	.394434E-2	.209666E-2
.389093E-2	.818115E+0	-.533569E+0			

```
435949300.    .908997E+0   -.398804E+0    .200961E-2    .393214E-2    .211525E-2
.388538E-2    .817810E+0   -.533813E+0
435961900.    .909119E+0   -.398987E+0    .202318E-2    .392628E-2    .214346E-2
.388469E-2    .817505E+0   -.534363E+0
435974400.    .908813E+0   -.399292E+0    .206290E-2    .392581E-2    .216706E-2
.388073E-2    .817139E+0   -.534607E+0
435986900.    .908691E+0   -.399414E+0    .210456E-2    .393543E-2    .220393E-2
.389451E-2    .816895E+0   -.535156E+0
435999400.    .908752E+0   -.399475E+0    .217456E-2    .394677E-2    .227794E-2
.390330E-2    .816406E+0   -.535461E+0
436011900.    .908508E+0   -.399658E+0    .225045E-2    .396976E-2    .235781E-2
.392255E-2    .816040E+0   -.535767E+0
436024400.    .908508E+0   -.399841E+0    .236902E-2    .400648E-2    .248289E-2
.395303E-2    .815369E+0   -.536194E+0
436036900.    .908264E+0   -.399963E+0    .255997E-2    .404263E-2    .266472E-2
.398863E-2    .814514E+0   -.536499E+0
436049400.    .908264E+0   -.400269E+0    .280940E-2    .407043E-2    .292083E-2
.399950E-2    .813599E+0   -.536682E+0
436062000.    .908081E+0   -.400330E+0    .321261E-2    .402527E-2    .331331E-2
.396701E-2    .812256E+0   -.536682E+0
436074500.    .907837E+0   -.400269E+0    .379003E-2    .378564E-2    .390110E-2
.369393E-2    .810364E+0   -.536072E+0
436087000.    .907837E+0   -.400330E+0    .441629E-2    .304455E-2    .450399E-2
.291991E-2    .808533E+0   -.533936E+0
436099500.    .907532E+0   -.400024E+0    .439284E-2    .169992E-2    .443610E-2
.158675E-2    .809204E+0   -.530212E+0
436112000.    .907715E+0   -.399719E+0    .337192E-2    .812627E-3    .340639E-2
.731701E-3    .812500E+0   -.528137E+0
436124500.    .908020E+0   -.399719E+0    .238852E-2    .818612E-3    .241801E-2
.767384E-3    .815308E+0   -.528931E+0
436137000.    .908020E+0   -.400208E+0    .183342E-2    .113390E-2    .186722E-2
.109376E-2    .816589E+0   -.530518E+0
436149500.    .908264E+0   -.400146E+0    .156482E-2    .142557E-2    .160216E-2
.139149E-2    .817078E+0   -.531921E+0
436162000.    .908081E+0   -.400635E+0    .143128E-2    .164967E-2    .147542E-2
.162097E-2    .817200E+0   -.532715E+0
436174600.    .908142E+0   -.400635E+0    .136360E-2    .181882E-2    .140642E-2
.179307E-2    .816895E+0   -.533630E+0
436187100.    .908081E+0   -.400818E+0    .131927E-2    .193789E-2    .137709E-2
.190768E-2    .816772E+0   -.534363E+0
436199600.    .907959E+0   -.401062E+0    .130529E-2    .202278E-2    .135285E-2
.199980E-2    .816772E+0   -.534912E+0
436212100.    .908142E+0   -.401001E+0    .128875E-2    .208880E-2    .134613E-2
.206022E-2    .816589E+0   -.535461E+0
436224600.    .907898E+0   -.401367E+0    .127417E-2    .214120E-2    .133267E-2
.211790E-2    .816345E+0   -.535828E+0
436237100.    .907776E+0   -.401428E+0    .127007E-2    .216779E-2    .132461E-2
.214889E-2    .816162E+0   -.536255E+0
436249600.    .907837E+0   -.401489E+0    .126309E-2    .220072E-2    .133021E-2
.217020E-2    .815979E+0   -.536621E+0
436262100.    .907837E+0   -.401611E+0    .126149E-2    .222472E-2    .132056E-2
.219151E-2    .815796E+0   -.536865E+0
436274700.    .907837E+0   -.401794E+0    .124536E-2    .223840E-2    .130520E-2
.220136E-2    .815552E+0   -.536987E+0
436287200.    .907715E+0   -.402039E+0    .124941E-2    .224406E-2    .129105E-2
.221102E-2    .815491E+0   -.537292E+0
```

```
  436299700.    .907776E+0   -.402161E+0    .124124E-2    .224991E-2    .129535E-2
 .221786E-2    .815430E+0   -.537659E+0
  436312200.    .907532E+0   -.402283E+0    .123098E-2    .225488E-2    .130064E-2
 .222885E-2    .815063E+0   -.538147E+0
  436324700.    .907532E+0   -.402283E+0    .123670E-2    .225439E-2    .129199E-2
 .222517E-2    .815125E+0   -.538147E+0
  436337200.    .907532E+0   -.402283E+0    .123141E-2    .225531E-2    .127619E-2
 .223094E-2    .815002E+0   -.538391E+0
  436349700.    .907471E+0   -.402283E+0    .120989E-2    .226299E-2    .127450E-2
 .222393E-2    .814880E+0   -.538696E+0
  436362200.    .907349E+0   -.402588E+0    .121510E-2    .224908E-2    .128173E-2
 .222509E-2    .814758E+0   -.538696E+0
  436374800.    .907349E+0   -.402588E+0    .121354E-2    .225188E-2    .126584E-2
 .221563E-2    .814453E+0   -.538940E+0
  436387300.    .907288E+0   -.402710E+0    .121035E-2    .223991E-2    .126494E-2
 .221020E-2    .814453E+0   -.539307E+0
  436399800.    .907166E+0   -.403076E+0    .121345E-2    .223563E-2    .126131E-2
 .220964E-2    .814209E+0   -.539490E+0
  436412300.    .907410E+0   -.402954E+0    .120324E-2    .223076E-2    .126245E-2
 .219977E-2    .814209E+0   -.539612E+0
  436424800.    .907166E+0   -.403259E+0    .120775E-2    .221538E-2    .125308E-2
 .220184E-2    .813965E+0   -.539917E+0
```