

S-Parameter Narrow
RF1400D 03/09/04

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HZ S R I R 50

431420000.	.658264E+0	-.704956E+0	.615770E-3	.505736E-3	.616935E-3
.485841E-3	.637421E+0	-.704041E+0			
431432500.	.657867E+0	-.705170E+0	.633382E-3	.516595E-3	.634725E-3
.502661E-3	.636993E+0	-.704285E+0			
431445000.	.657623E+0	-.705231E+0	.650129E-3	.532028E-3	.665157E-3
.505368E-3	.636780E+0	-.704651E+0			
431457500.	.657440E+0	-.705811E+0	.667878E-3	.548456E-3	.670060E-3
.524466E-3	.636536E+0	-.704712E+0			
431470000.	.657166E+0	-.705750E+0	.676569E-3	.548295E-3	.678894E-3
.540092E-3	.636475E+0	-.704834E+0			
431482600.	.656891E+0	-.705841E+0	.679043E-3	.567344E-3	.690011E-3
.543122E-3	.635956E+0	-.705109E+0			
431495100.	.656586E+0	-.706146E+0	.680937E-3	.571295E-3	.693951E-3
.552534E-3	.635803E+0	-.705322E+0			
431507600.	.656128E+0	-.706482E+0	.683628E-3	.572759E-3	.694895E-3
.554874E-3	.635529E+0	-.705414E+0			
431520100.	.655914E+0	-.706696E+0	.689034E-3	.573501E-3	.694542E-3
.550187E-3	.635162E+0	-.705750E+0			
431532600.	.655670E+0	-.706573E+0	.677038E-3	.583614E-3	.685879E-3
.552439E-3	.634888E+0	-.705750E+0			
431545100.	.655304E+0	-.707001E+0	.663124E-3	.582865E-3	.661401E-3
.559569E-3	.634491E+0	-.706207E+0			
431557600.	.655182E+0	-.707153E+0	.643033E-3	.575348E-3	.654323E-3
.553237E-3	.634460E+0	-.706360E+0			
431570100.	.654785E+0	-.707428E+0	.619194E-3	.569409E-3	.619750E-3
.552276E-3	.633942E+0	-.706268E+0			
431582700.	.654388E+0	-.707794E+0	.582836E-3	.569868E-3	.593680E-3
.543301E-3	.633514E+0	-.706787E+0			
431595200.	.653961E+0	-.707886E+0	.538231E-3	.544914E-3	.553367E-3
.541239E-3	.633209E+0	-.706909E+0			
431607700.	.653534E+0	-.708160E+0	.485627E-3	.550223E-3	.495269E-3
.542456E-3	.632935E+0	-.707092E+0			
431620200.	.653290E+0	-.708221E+0	.413931E-3	.552669E-3	.429962E-3
.530588E-3	.632294E+0	-.707306E+0			
431632700.	.652954E+0	-.708588E+0	.333239E-3	.539125E-3	.350215E-3
.539243E-3	.631897E+0	-.707642E+0			
431645200.	.652496E+0	-.708832E+0	.238171E-3	.547144E-3	.250407E-3
.547290E-3	.631409E+0	-.707581E+0			
431657700.	.652008E+0	-.709045E+0	.125014E-3	.561908E-3	.138997E-3
.548557E-3	.630951E+0	-.707916E+0			
431670200.	.651611E+0	-.709198E+0	-.129844E-4	.584110E-3	.264363E-5
.570230E-3	.630676E+0	-.707977E+0			
431682800.	.651154E+0	-.709442E+0	-.178140E-3	.648701E-3	-.167692E-3
.632209E-3	.630005E+0	-.708313E+0			
431695300.	.650818E+0	-.709839E+0	-.373106E-3	.705302E-3	-.354697E-3
.708145E-3	.629517E+0	-.708374E+0			
431707800.	.650146E+0	-.709747E+0	-.587088E-3	.825684E-3	-.557989E-3
.832017E-3	.629150E+0	-.708527E+0			
431720300.	.649414E+0	-.709717E+0	-.809335E-3	.988374E-3	-.776658E-3
.100377E-2	.628510E+0	-.708496E+0			
431732800.	.648987E+0	-.709869E+0	-.104869E-2	.124460E-2	-.101739E-2
.125393E-2	.628052E+0	-.708740E+0			

431745300.	.648376E+0	-.709778E+0	-.124730E-2	.157115E-2	-.122273E-2
.159035E-2	.627411E+0	-.708405E+0			
431757800.	.647797E+0	-.709625E+0	-.141444E-2	.199705E-2	-.136308E-2
.200931E-2	.626984E+0	-.708313E+0			
431770300.	.647369E+0	-.709412E+0	-.148002E-2	.249697E-2	-.140663E-2
.251373E-2	.626404E+0	-.707947E+0			
431782800.	.647156E+0	-.709076E+0	-.138986E-2	.302623E-2	-.131979E-2
.303871E-2	.626465E+0	-.707489E+0			
431795400.	.646912E+0	-.708710E+0	-.116967E-2	.353983E-2	-.108359E-2
.353222E-2	.626221E+0	-.707581E+0			
431807900.	.646912E+0	-.708557E+0	-.830632E-3	.396359E-2	-.735797E-3
.394449E-2	.626343E+0	-.707153E+0			
431820400.	.647064E+0	-.708649E+0	-.398267E-3	.426725E-2	-.309829E-3
.424761E-2	.626282E+0	-.707092E+0			
431832900.	.647034E+0	-.708679E+0	.315648E-4	.445168E-2	.126287E-3
.440913E-2	.626617E+0	-.707397E+0			
431845400.	.647308E+0	-.708862E+0	.440462E-3	.451627E-2	.529324E-3
.448009E-2	.626617E+0	-.707550E+0			
431857900.	.647095E+0	-.709229E+0	.800262E-3	.453128E-2	.890643E-3
.448076E-2	.626312E+0	-.708038E+0			
431870400.	.647034E+0	-.709747E+0	.109225E-2	.449017E-2	.118066E-2
.443773E-2	.626404E+0	-.708435E+0			
431882900.	.647003E+0	-.709930E+0	.135626E-2	.443611E-2	.144105E-2
.437211E-2	.626251E+0	-.708496E+0			
431895500.	.646790E+0	-.710144E+0	.156469E-2	.436363E-2	.164432E-2
.430201E-2	.626007E+0	-.709045E+0			
431908000.	.646606E+0	-.710663E+0	.174350E-2	.430094E-2	.182498E-2
.422628E-2	.625580E+0	-.709534E+0			
431920500.	.646332E+0	-.711151E+0	.189946E-2	.423437E-2	.198015E-2
.416387E-2	.625610E+0	-.709930E+0			
431933000.	.645844E+0	-.711395E+0	.203052E-2	.418706E-2	.209225E-2
.410869E-2	.625031E+0	-.710297E+0			
431945500.	.645508E+0	-.711700E+0	.215311E-2	.413126E-2	.221992E-2
.405653E-2	.624695E+0	-.710541E+0			
431958000.	.645111E+0	-.712311E+0	.225683E-2	.408751E-2	.233140E-2
.401279E-2	.624420E+0	-.710999E+0			
431970500.	.645050E+0	-.712402E+0	.234299E-2	.405818E-2	.242126E-2
.397268E-2	.623962E+0	-.711182E+0			
431983000.	.644562E+0	-.712860E+0	.244948E-2	.402949E-2	.250151E-2
.394376E-2	.623627E+0	-.711700E+0			
431995600.	.644073E+0	-.713348E+0	.251600E-2	.402094E-2	.258445E-2
.392528E-2	.623322E+0	-.712036E+0			
432008100.	.643738E+0	-.713623E+0	.260290E-2	.400871E-2	.266912E-2
.391582E-2	.622772E+0	-.712311E+0			
432020600.	.643372E+0	-.713898E+0	.267684E-2	.400262E-2	.274488E-2
.390761E-2	.622223E+0	-.712738E+0			
432033100.	.643005E+0	-.714294E+0	.275926E-2	.400188E-2	.281107E-2
.389753E-2	.621979E+0	-.713226E+0			
432045600.	.642639E+0	-.714508E+0	.283349E-2	.400090E-2	.289939E-2
.390019E-2	.621338E+0	-.713470E+0			
432058100.	.641846E+0	-.714966E+0	.291521E-2	.401186E-2	.297583E-2
.391840E-2	.620819E+0	-.713806E+0			
432070600.	.641510E+0	-.715454E+0	.299549E-2	.402804E-2	.305123E-2
.392356E-2	.620483E+0	-.714203E+0			
432083100.	.641083E+0	-.715759E+0	.307459E-2	.405103E-2	.313913E-2
.395333E-2	.619843E+0	-.714569E+0			

432095600.	.640656E+0	-.716156E+0	.316195E-2	.407252E-2	.322818E-2
.397122E-2	.619385E+0	-.714783E+0			
432108200.	.640015E+0	-.716461E+0	.325111E-2	.410355E-2	.331775E-2
.400274E-2	.618622E+0	-.715057E+0			
432120700.	.639435E+0	-.716888E+0	.335475E-2	.414537E-2	.341099E-2
.403535E-2	.618073E+0	-.715576E+0			
432133200.	.639038E+0	-.717377E+0	.345371E-2	.418794E-2	.352097E-2
.407869E-2	.617615E+0	-.715881E+0			
432145700.	.638458E+0	-.717743E+0	.357514E-2	.423277E-2	.363324E-2
.412530E-2	.616821E+0	-.716278E+0			
432158200.	.637970E+0	-.718048E+0	.369251E-2	.428655E-2	.375377E-2
.417184E-2	.616333E+0	-.716736E+0			
432170700.	.637299E+0	-.718597E+0	.384570E-2	.434259E-2	.390132E-2
.421696E-2	.615631E+0	-.716980E+0			
432183200.	.636810E+0	-.718872E+0	.399215E-2	.439020E-2	.406475E-2
.427546E-2	.614868E+0	-.717346E+0			
432195700.	.636230E+0	-.719238E+0	.417742E-2	.445684E-2	.423186E-2
.432521E-2	.614136E+0	-.717865E+0			
432208300.	.635376E+0	-.719757E+0	.437182E-2	.451605E-2	.443296E-2
.437830E-2	.613403E+0	-.718201E+0			
432220800.	.634674E+0	-.720093E+0	.460275E-2	.456431E-2	.466769E-2
.442433E-2	.612701E+0	-.718536E+0			
432233300.	.633942E+0	-.720490E+0	.486438E-2	.461392E-2	.492669E-2
.448061E-2	.611603E+0	-.719177E+0			
432245800.	.633331E+0	-.720856E+0	.517334E-2	.466225E-2	.523064E-2
.450763E-2	.610474E+0	-.719330E+0			
432258300.	.632324E+0	-.721405E+0	.553112E-2	.466983E-2	.558975E-2
.450193E-2	.609589E+0	-.719482E+0			
432270800.	.631439E+0	-.721771E+0	.595423E-2	.464444E-2	.601124E-2
.447191E-2	.608246E+0	-.719971E+0			
432283300.	.630524E+0	-.722198E+0	.645059E-2	.454006E-2	.649235E-2
.436403E-2	.607086E+0	-.719971E+0			
432295800.	.629395E+0	-.722473E+0	.701576E-2	.435307E-2	.705588E-2
.416174E-2	.605804E+0	-.720001E+0			
432308400.	.628357E+0	-.722534E+0	.764875E-2	.400192E-2	.767011E-2
.379809E-2	.604584E+0	-.719543E+0			
432320900.	.627319E+0	-.722534E+0	.831011E-2	.340571E-2	.830410E-2
.320324E-2	.603333E+0	-.719147E+0			
432333400.	.626251E+0	-.722382E+0	.887222E-2	.253990E-2	.884166E-2
.232355E-2	.602020E+0	-.718079E+0			
432345900.	.625092E+0	-.722046E+0	.918164E-2	.138037E-2	.913130E-2
.116892E-2	.601410E+0	-.717010E+0			
432358400.	.624298E+0	-.721283E+0	.907203E-2	.630593E-4	.899402E-2
.136468E-3	.601257E+0	-.715576E+0			
432370900.	.624115E+0	-.721008E+0	.847370E-2	-.117757E-2	.836540E-2
.135676E-2	.601715E+0	-.714355E+0			
432383400.	.624146E+0	-.720612E+0	.748233E-2	-.209524E-2	.735794E-2
.224790E-2	.602661E+0	-.714142E+0			
432395900.	.624207E+0	-.720673E+0	.633153E-2	-.257582E-2	.621770E-2
.268893E-2	.603546E+0	-.714081E+0			
432408400.	.624390E+0	-.720856E+0	.523962E-2	-.266140E-2	.513902E-2
.274349E-2	.604095E+0	-.714752E+0			
432421000.	.624115E+0	-.721375E+0	.433249E-2	-.247456E-2	.424121E-2
.255290E-2	.604645E+0	-.715729E+0			
432433500.	.623962E+0	-.722321E+0	.362663E-2	-.216482E-2	.354957E-2
.222374E-2	.604858E+0	-.716675E+0			

432446000.	.623505E+0	-.722961E+0	.310471E-2	-.180381E-2	.302452E-2	-
.185513E-2	.604706E+0	-.717926E+0				
432458500.	.622864E+0	-.723724E+0	.271414E-2	-.144753E-2	.264951E-2	-
.149384E-2	.604126E+0	-.719086E+0				
432471000.	.622345E+0	-.724487E+0	.240786E-2	-.109515E-2	.235934E-2	-
.113736E-2	.603424E+0	-.720062E+0				
432483500.	.621674E+0	-.725189E+0	.217908E-2	-.789251E-3	.214248E-2	-
.822086E-3	.602814E+0	-.720825E+0				
432496000.	.620789E+0	-.725830E+0	.201192E-2	-.503413E-3	.197948E-2	-
.543003E-3	.602142E+0	-.721985E+0				
432508500.	.619965E+0	-.726776E+0	.188018E-2	-.263311E-3	.185007E-2	-
.303327E-3	.601288E+0	-.722626E+0				
432521100.	.618958E+0	-.727448E+0	.176264E-2	-.565900E-4	.174016E-2	-
.855740E-4	.600494E+0	-.723602E+0				
432533600.	.618073E+0	-.727844E+0	.166295E-2	.150753E-3	.165153E-2	
.115493E-3	.599396E+0	-.724304E+0				
432546100.	.617065E+0	-.728760E+0	.157165E-2	.314528E-3	.156521E-2	
.283078E-3	.598480E+0	-.725098E+0				
432558600.	.616089E+0	-.729340E+0	.149206E-2	.465362E-3	.148908E-2	
.427782E-3	.597473E+0	-.726044E+0				
432571100.	.614990E+0	-.730164E+0	.141216E-2	.593951E-3	.141401E-2	
.562233E-3	.596375E+0	-.726624E+0				
432583600.	.614136E+0	-.730957E+0	.132990E-2	.708896E-3	.133417E-2	
.678020E-3	.595154E+0	-.727600E+0				
432596100.	.612854E+0	-.731415E+0	.124696E-2	.826933E-3	.125417E-2	
.777316E-3	.593994E+0	-.728119E+0				
432608600.	.611542E+0	-.732086E+0	.115144E-2	.903533E-3	.116708E-2	
.864643E-3	.593109E+0	-.728973E+0				
432621200.	.610382E+0	-.732941E+0	.105572E-2	.976632E-3	.106539E-2	
.951617E-3	.591827E+0	-.729675E+0				
432633700.	.608978E+0	-.733765E+0	.949168E-3	.103839E-2	.967690E-3	
.101723E-2	.590790E+0	-.730194E+0				
432646200.	.607697E+0	-.734467E+0	.835379E-3	.109478E-2	.852702E-3	
.106795E-2	.589325E+0	-.731262E+0				
432658700.	.606354E+0	-.735016E+0	.697872E-3	.113387E-2	.719310E-3	
.110797E-2	.588074E+0	-.731689E+0				
432671200.	.605011E+0	-.735779E+0	.569450E-3	.116937E-2	.566078E-3	
.113975E-2	.586670E+0	-.732788E+0				
432683700.	.603516E+0	-.736481E+0	.391887E-3	.120025E-2	.415578E-3	
.117076E-2	.585266E+0	-.733368E+0				
432696200.	.601929E+0	-.737396E+0	.212736E-3	.120122E-2	.231696E-3	
.119241E-2	.583893E+0	-.734283E+0				
432708700.	.600494E+0	-.738220E+0	.148036E-4	.121298E-2	.442324E-4	
.119869E-2	.582245E+0	-.735016E+0				
432721200.	.598602E+0	-.738953E+0	-.205701E-3	.121447E-2	-.183523E-3	
.120825E-2	.580902E+0	-.735657E+0				
432733800.	.597046E+0	-.739716E+0	-.461790E-3	.120251E-2	-.431166E-3	
.119884E-2	.579163E+0	-.736572E+0				
432746300.	.595337E+0	-.740662E+0	-.740734E-3	.119120E-2	-.710592E-3	
.118720E-2	.577484E+0	-.737518E+0				
432758800.	.593536E+0	-.741394E+0	-.105416E-2	.117108E-2	-.102397E-2	
.117244E-2	.575775E+0	-.738312E+0				
432771300.	.591736E+0	-.742310E+0	-.140514E-2	.113469E-2	-.136896E-2	
.115252E-2	.573853E+0	-.739075E+0				
432783800.	.589630E+0	-.743195E+0	-.178392E-2	.110393E-2	-.175671E-2	
.113029E-2	.572113E+0	-.740082E+0				

432796300.	.587463E+0	-.744049E+0	-.221806E-2	.106875E-2	-.217807E-2
.110605E-2	.569977E+0	-.740753E+0			
432808800.	.585175E+0	-.744995E+0	-.269168E-2	.102945E-2	-.265146E-2
.106832E-2	.568054E+0	-.741852E+0			
432821300.	.582855E+0	-.745911E+0	-.322448E-2	.977176E-3	-.317786E-2
.103734E-2	.565613E+0	-.742920E+0			
432833900.	.580444E+0	-.746979E+0	-.381123E-2	.916094E-3	-.375545E-2
.993657E-3	.563568E+0	-.743713E+0			
432846400.	.577698E+0	-.747772E+0	-.447092E-2	.844410E-3	-.440195E-2
.944450E-3	.560791E+0	-.744781E+0			
432858900.	.574921E+0	-.748810E+0	-.520692E-2	.778906E-3	-.513609E-2
.885426E-3	.558258E+0	-.745850E+0			
432871400.	.572052E+0	-.749969E+0	-.602929E-2	.703611E-3	-.596672E-2
.818665E-3	.555664E+0	-.746887E+0			
432883900.	.569153E+0	-.750854E+0	-.697588E-2	.620855E-3	-.689793E-2
.769728E-3	.552734E+0	-.747772E+0			
432896400.	.565796E+0	-.751831E+0	-.802322E-2	.551145E-3	-.793004E-2
.723217E-3	.549866E+0	-.748901E+0			
432908900.	.562195E+0	-.752991E+0	-.922139E-2	.498404E-3	-.911599E-2
.687435E-3	.546539E+0	-.749939E+0			
432921400.	.558380E+0	-.754120E+0	-.105525E-1	.439109E-3	-.104487E-1
.657664E-3	.543152E+0	-.751312E+0			
432934000.	.554413E+0	-.755005E+0	-.120831E-1	.405456E-3	-.119499E-1
.660586E-3	.539581E+0	-.752380E+0			
432946500.	.550018E+0	-.756134E+0	-.137993E-1	.400890E-3	-.136579E-1
.689640E-3	.535461E+0	-.753326E+0			
432959000.	.545074E+0	-.756927E+0	-.157611E-1	.438527E-3	-.156008E-1
.753624E-3	.531006E+0	-.754578E+0			
432971500.	.539917E+0	-.757874E+0	-.180083E-1	.533001E-3	-.178158E-1
.906894E-3	.526489E+0	-.755585E+0			
432984000.	.534454E+0	-.758789E+0	-.205743E-1	.696003E-3	-.203481E-1
.111927E-2	.521606E+0	-.756622E+0			
432996500.	.528381E+0	-.759613E+0	-.235285E-1	.982281E-3	-.232665E-1
.145489E-2	.515839E+0	-.757660E+0			
433009000.	.521637E+0	-.759766E+0	-.269461E-1	.142692E-2	-.266283E-1
.195692E-2	.509796E+0	-.758514E+0			
433021500.	.514130E+0	-.760223E+0	-.308839E-1	.208769E-2	-.305103E-1
.269446E-2	.503357E+0	-.759003E+0			
433034000.	.505951E+0	-.760132E+0	-.354691E-1	.306416E-2	-.350416E-1
.376033E-2	.495880E+0	-.759247E+0			
433046600.	.496887E+0	-.759369E+0	-.408339E-1	.448331E-2	-.402897E-1
.527630E-2	.487762E+0	-.759338E+0			
433059100.	.486389E+0	-.757782E+0	-.470845E-1	.655839E-2	-.464220E-1
.743040E-2	.478424E+0	-.758911E+0			
433071600.	.474945E+0	-.755005E+0	-.543798E-1	.951983E-2	-.535815E-1
.105062E-1	.468140E+0	-.757324E+0			
433084100.	.462219E+0	-.750916E+0	-.628628E-1	.138195E-1	-.619015E-1
.149148E-1	.456604E+0	-.754700E+0			
433096600.	.448090E+0	-.744507E+0	-.726778E-1	.199954E-1	-.714896E-1
.212080E-1	.443481E+0	-.750397E+0			
433109100.	.432587E+0	-.735168E+0	-.837725E-1	.289858E-1	-.822830E-1
.302411E-1	.429291E+0	-.743500E+0			
433121600.	.416443E+0	-.721191E+0	-.957964E-1	.418555E-1	-.939275E-1
.432235E-1	.414001E+0	-.732910E+0			
433134100.	.400879E+0	-.701630E+0	-.107710E+0	.601278E-1	-.105519E+0
.615176E-1	.398743E+0	-.717651E+0			

433146700.	.387970E+0	-.674652E+0	-.117300E+0	.852722E-1	-.114642E+0
.864625E-1	.385376E+0	-.695648E+0			
433159200.	.382355E+0	-.640747E+0	-.120956E+0	.117766E+0	-.117752E+0
.118719E+0	.377411E+0	-.667328E+0			
433171700.	.388458E+0	-.602264E+0	-.113838E+0	.155189E+0	-.110266E+0
.155797E+0	.379150E+0	-.634674E+0			
433184200.	.409515E+0	-.566010E+0	-.930705E-1	.192184E+0	-.891077E-1
.192289E+0	.393188E+0	-.602631E+0			
433196700.	.443085E+0	-.539612E+0	-.596017E-1	.221350E+0	-.553850E-1
.220854E+0	.418335E+0	-.577850E+0			
433209200.	.482574E+0	-.528503E+0	-.189451E-1	.237613E+0	-.145855E-1
.236355E+0	.449615E+0	-.564728E+0			
433221700.	.519714E+0	-.532379E+0	.213537E-1	.240114E+0	.256373E-1
.238295E+0	.480347E+0	-.564514E+0			
433234200.	.549255E+0	-.546661E+0	.562013E-1	.232697E+0	.603086E-1
.230279E+0	.505432E+0	-.573639E+0			
433246800.	.569550E+0	-.565918E+0	.839992E-1	.219900E+0	.876822E-1
.216893E+0	.523193E+0	-.587952E+0			
433259300.	.581940E+0	-.586700E+0	.105079E+0	.205053E+0	.108461E+0
.201674E+0	.534424E+0	-.603973E+0			
433271800.	.588104E+0	-.606506E+0	.120996E+0	.190427E+0	.123925E+0
.186731E+0	.540070E+0	-.619812E+0			
433284300.	.589172E+0	-.624817E+0	.133163E+0	.176901E+0	.135786E+0
.172897E+0	.541382E+0	-.634338E+0			
433296800.	.587067E+0	-.640930E+0	.142990E+0	.164956E+0	.145045E+0
.160757E+0	.539764E+0	-.647766E+0			
433309300.	.582397E+0	-.655029E+0	.151022E+0	.154595E+0	.152935E+0
.150227E+0	.535645E+0	-.659363E+0			
433321800.	.576202E+0	-.667114E+0	.158266E+0	.145671E+0	.159857E+0
.141119E+0	.529938E+0	-.669617E+0			
433334300.	.568451E+0	-.677704E+0	.165176E+0	.137957E+0	.166435E+0
.133336E+0	.522919E+0	-.677917E+0			
433346800.	.559418E+0	-.686798E+0	.172039E+0	.131266E+0	.173082E+0
.126592E+0	.514465E+0	-.685425E+0			
433359400.	.549835E+0	-.694763E+0	.179302E+0	.125475E+0	.180083E+0
.120629E+0	.505005E+0	-.692230E+0			
433371900.	.539246E+0	-.701385E+0	.187067E+0	.120244E+0	.187602E+0
.115231E+0	.494659E+0	-.697205E+0			
433384400.	.527405E+0	-.707031E+0	.195464E+0	.115429E+0	.195761E+0
.110342E+0	.483490E+0	-.701660E+0			
433396900.	.514771E+0	-.711609E+0	.204889E+0	.110785E+0	.204925E+0
.105556E+0	.471130E+0	-.705017E+0			
433409400.	.500946E+0	-.715210E+0	.215372E+0	.106192E+0	.215080E+0
.100789E+0	.457550E+0	-.707001E+0			
433421900.	.486084E+0	-.717529E+0	.227063E+0	.101396E+0	.226444E+0
.958467E-1	.442749E+0	-.708374E+0			
433434400.	.469604E+0	-.718689E+0	.240215E+0	.959881E-1	.239294E+0
.902922E-1	.426666E+0	-.707886E+0			
433446900.	.451569E+0	-.718292E+0	.255079E+0	.896342E-1	.253734E+0
.838414E-1	.409027E+0	-.706146E+0			
433459500.	.432037E+0	-.715912E+0	.271669E+0	.820662E-1	.270014E+0
.760749E-1	.389801E+0	-.702301E+0			
433472000.	.410614E+0	-.711334E+0	.290391E+0	.725972E-1	.288224E+0
.665832E-1	.368774E+0	-.695923E+0			
433484500.	.387482E+0	-.703522E+0	.311121E+0	.602666E-1	.308421E+0
.543152E-1	.345947E+0	-.686249E+0			

433497000.	.362427E+0	-.691589E+0	.333861E+0	.445196E-1	.330589E+0	
.385237E-1	.321442E+0	-.672485E+0				
433509500.	.335724E+0	-.674866E+0	.358417E+0	.238309E-1	.354523E+0	
.178679E-1	.295746E+0	-.653534E+0				
433522000.	.308350E+0	-.651428E+0	.383983E+0	-.315686E-2	.379257E+0	-
.889184E-2	.269653E+0	-.627686E+0				
433534500.	.281647E+0	-.619843E+0	.408970E+0	-.381643E-1	.403682E+0	-
.435925E-1	.244690E+0	-.593719E+0				
433547000.	.258026E+0	-.579071E+0	.431053E+0	-.829117E-1	.425393E+0	-
.876426E-1	.223328E+0	-.550476E+0				
433559600.	.241516E+0	-.527710E+0	.446091E+0	-.137665E+0	.440090E+0	-
.141842E+0	.209747E+0	-.497406E+0				
433572100.	.236908E+0	-.467957E+0	.449272E+0	-.201434E+0	.443111E+0	-
.204790E+0	.208817E+0	-.436050E+0				
433584600.	.248672E+0	-.404449E+0	.435756E+0	-.268967E+0	.429814E+0	-
.271951E+0	.224396E+0	-.371826E+0				
433597100.	.276932E+0	-.343811E+0	.405417E+0	-.333828E+0	.399680E+0	-
.336302E+0	.256454E+0	-.310852E+0				
433609600.	.319977E+0	-.290054E+0	.360203E+0	-.391616E+0	.354432E+0	-
.393879E+0	.303574E+0	-.257477E+0				
433622100.	.376587E+0	-.248077E+0	.301130E+0	-.437507E+0	.295306E+0	-
.439682E+0	.364380E+0	-.216553E+0				
433634600.	.441803E+0	-.223328E+0	.232860E+0	-.466011E+0	.227137E+0	-
.468209E+0	.433670E+0	-.193924E+0				
433647100.	.507935E+0	-.217407E+0	.163842E+0	-.475516E+0	.157566E+0	-
.477395E+0	.502838E+0	-.191101E+0				
433659600.	.567780E+0	-.227417E+0	.100710E+0	-.468774E+0	.942717E-1	-
.470249E+0	.565033E+0	-.204681E+0				
433672200.	.617889E+0	-.248291E+0	.473251E-1	-.450860E+0	.407664E-1	-
.451769E+0	.616364E+0	-.229248E+0				
433684700.	.657623E+0	-.275452E+0	.427637E-2	-.426683E+0	-.224197E-2	-
.427070E+0	.656555E+0	-.259766E+0				
433697200.	.687622E+0	-.304810E+0	-.288124E-1	-.399889E+0	-.355730E-1	-
.399695E+0	.686340E+0	-.292053E+0				
433709700.	.709595E+0	-.334442E+0	-.540358E-1	-.373216E+0	-.604717E-1	-
.372270E+0	.707581E+0	-.324249E+0				
433722200.	.725220E+0	-.362610E+0	-.728322E-1	-.347421E+0	-.789272E-1	-
.346067E+0	.722290E+0	-.354645E+0				
433734700.	.735748E+0	-.389008E+0	-.867688E-1	-.323649E+0	-.926132E-1	-
.321986E+0	.731812E+0	-.382507E+0				
433747200.	.742615E+0	-.412842E+0	-.968438E-1	-.302043E+0	-.102531E+0	-
.300029E+0	.737427E+0	-.407928E+0				
433759700.	.746826E+0	-.434540E+0	-.104298E+0	-.282712E+0	-.109640E+0	-
.280411E+0	.740723E+0	-.430695E+0				
433772300.	.748871E+0	-.454254E+0	-.109638E+0	-.265253E+0	-.114821E+0	-
.262893E+0	.741669E+0	-.451385E+0				
433784800.	.749481E+0	-.471954E+0	-.113527E+0	-.249878E+0	-.118295E+0	-
.247229E+0	.741241E+0	-.469788E+0				
433797300.	.748810E+0	-.487915E+0	-.116246E+0	-.236090E+0	-.120663E+0	-
.233381E+0	.739868E+0	-.486328E+0				
433809800.	.747223E+0	-.502533E+0	-.118279E+0	-.223958E+0	-.122565E+0	-
.221007E+0	.737396E+0	-.501434E+0				
433822300.	.745392E+0	-.515564E+0	-.119677E+0	-.213052E+0	-.123845E+0	-
.210083E+0	.734467E+0	-.514740E+0				
433834800.	.742767E+0	-.527588E+0	-.120643E+0	-.203382E+0	-.124667E+0	-
.200268E+0	.731201E+0	-.527008E+0				

433847300.	.739838E+0	-.538666E+0	-.121513E+0	-.194757E+0	-.125109E+0	-
.191591E+0	.727417E+0	-.538300E+0				
433859800.	.736694E+0	-.548645E+0	-.122132E+0	-.187143E+0	-.125634E+0	-
.184006E+0	.723602E+0	-.548676E+0				
433872400.	.733337E+0	-.557922E+0	-.122624E+0	-.180151E+0	-.126028E+0	-
.176991E+0	.719788E+0	-.558044E+0				
433884900.	.729584E+0	-.566681E+0	-.123044E+0	-.173977E+0	-.126353E+0	-
.170830E+0	.715393E+0	-.566742E+0				
433897400.	.725830E+0	-.574646E+0	-.123656E+0	-.168549E+0	-.126771E+0	-
.165304E+0	.711273E+0	-.574860E+0				
433909900.	.722321E+0	-.582123E+0	-.124175E+0	-.163599E+0	-.127237E+0	-
.160317E+0	.706818E+0	-.582123E+0				
433922400.	.718292E+0	-.589325E+0	-.124840E+0	-.159250E+0	-.127767E+0	-
.155944E+0	.702454E+0	-.589111E+0				
433934900.	.714203E+0	-.595825E+0	-.125622E+0	-.155347E+0	-.128411E+0	-
.151937E+0	.697845E+0	-.595673E+0				
433947400.	.709930E+0	-.602234E+0	-.126489E+0	-.151833E+0	-.129209E+0	-
.148556E+0	.693420E+0	-.601990E+0				
433959900.	.705536E+0	-.608185E+0	-.127520E+0	-.148731E+0	-.130152E+0	-
.145344E+0	.688416E+0	-.607880E+0				
433972400.	.700775E+0	-.613800E+0	-.128837E+0	-.145985E+0	-.131336E+0	-
.142585E+0	.683685E+0	-.613403E+0				
433985000.	.696228E+0	-.619354E+0	-.130199E+0	-.143653E+0	-.132696E+0	-
.140139E+0	.678772E+0	-.618927E+0				
433997500.	.691437E+0	-.624329E+0	-.131813E+0	-.141623E+0	-.134134E+0	-
.138069E+0	.673676E+0	-.623749E+0				
434010000.	.686340E+0	-.629242E+0	-.133732E+0	-.139813E+0	-.135952E+0	-
.136249E+0	.668488E+0	-.628601E+0				
434022500.	.681122E+0	-.633972E+0	-.135917E+0	-.138423E+0	-.138146E+0	-
.134723E+0	.662964E+0	-.633148E+0				
434035000.	.675690E+0	-.638214E+0	-.138327E+0	-.137275E+0	-.140494E+0	-
.133506E+0	.657257E+0	-.637909E+0				
434047500.	.670197E+0	-.642639E+0	-.141206E+0	-.136361E+0	-.143372E+0	-
.132531E+0	.651428E+0	-.642120E+0				
434060000.	.664276E+0	-.646881E+0	-.144450E+0	-.135737E+0	-.146528E+0	-
.131753E+0	.645142E+0	-.646332E+0				
434072500.	.658264E+0	-.651062E+0	-.148223E+0	-.135227E+0	-.150177E+0	-
.131232E+0	.638611E+0	-.650391E+0				
434085100.	.651703E+0	-.655060E+0	-.152479E+0	-.135013E+0	-.154404E+0	-
.130857E+0	.631592E+0	-.654205E+0				
434097600.	.644714E+0	-.659241E+0	-.157297E+0	-.134790E+0	-.159106E+0	-
.130538E+0	.624298E+0	-.658234E+0				
434110100.	.637085E+0	-.663239E+0	-.162687E+0	-.134819E+0	-.164477E+0	-
.130392E+0	.616364E+0	-.661774E+0				
434122600.	.629181E+0	-.667084E+0	-.168862E+0	-.134959E+0	-.170497E+0	-
.130311E+0	.607697E+0	-.665344E+0				
434135100.	.620026E+0	-.670898E+0	-.175742E+0	-.135118E+0	-.177284E+0	-
.130362E+0	.598358E+0	-.668976E+0				
434147600.	.609924E+0	-.674561E+0	-.183699E+0	-.135311E+0	-.185068E+0	-
.130415E+0	.588074E+0	-.672058E+0				
434160100.	.599060E+0	-.677887E+0	-.192658E+0	-.135489E+0	-.193875E+0	-
.130463E+0	.576904E+0	-.674866E+0				
434172600.	.586700E+0	-.680817E+0	-.202919E+0	-.135586E+0	-.204079E+0	-
.130287E+0	.564331E+0	-.677307E+0				
434185200.	.573090E+0	-.683502E+0	-.214767E+0	-.135426E+0	-.215616E+0	-
.129796E+0	.550323E+0	-.679352E+0				

434197700.	.557678E+0	-.685181E+0	-.228480E+0	-.134711E+0	-.229044E+0	-
.128887E+0	.534668E+0	-.680542E+0				
434210200.	.540100E+0	-.685974E+0	-.244212E+0	-.133287E+0	-.244535E+0	-
.127254E+0	.517059E+0	-.680756E+0				
434222700.	.520264E+0	-.685394E+0	-.262486E+0	-.130826E+0	-.262650E+0	-
.124443E+0	.497009E+0	-.679596E+0				
434235200.	.497437E+0	-.682983E+0	-.283975E+0	-.126527E+0	-.283632E+0	-
.119847E+0	.474091E+0	-.676117E+0				
434247700.	.471008E+0	-.677460E+0	-.308996E+0	-.119387E+0	-.308107E+0	-
.112427E+0	.447723E+0	-.669556E+0				
434260200.	.441071E+0	-.667450E+0	-.338220E+0	-.107960E+0	-.336519E+0	-
.100831E+0	.417908E+0	-.658447E+0				
434272700.	.407104E+0	-.650635E+0	-.371482E+0	-.900961E-1	-.369116E+0	-
.828349E-1	.384216E+0	-.640350E+0				
434285200.	.369873E+0	-.623993E+0	-.408565E+0	-.626560E-1	-.405450E+0	-
.554609E-1	.347443E+0	-.612762E+0				
434297800.	.331940E+0	-.583435E+0	-.446951E+0	-.208578E-1	-.442919E+0	-
.141369E-1	.310455E+0	-.570862E+0				
434310300.	.299042E+0	-.524384E+0	-.480823E+0	.393592E-1	-.476215E+0	
.454611E-1	.279175E+0	-.510773E+0				
434322800.	.283173E+0	-.446228E+0	-.498235E+0	.119328E+0	-.493244E+0	
.124481E+0	.265076E+0	-.432159E+0				
434335300.	.296295E+0	-.359650E+0	-.486824E+0	.208370E+0	-.482058E+0	
.212817E+0	.279465E+0	-.345596E+0				
434347800.	.335114E+0	-.280518E+0	-.449603E+0	.291279E+0	-.445096E+0	
.295301E+0	.318954E+0	-.265732E+0				
434360300.	.396637E+0	-.209793E+0	-.388911E+0	.366451E+0	-.384379E+0	
.370381E+0	.382629E+0	-.193680E+0				
434372800.	.484161E+0	-.162598E+0	-.300979E+0	.418266E+0	-.296270E+0	
.422198E+0	.473541E+0	-.146088E+0				
434385300.	.578583E+0	-.153015E+0	-.205425E+0	.432654E+0	-.200119E+0	
.436201E+0	.571228E+0	-.137543E+0				
434397900.	.659332E+0	-.173767E+0	-.122559E+0	.415939E+0	-.116759E+0	
.418910E+0	.654449E+0	-.160400E+0				
434410400.	.719299E+0	-.210571E+0	-.602394E-1	.383040E+0	-.543199E-1	
.384983E+0	.715759E+0	-.199585E+0				
434422900.	.759705E+0	-.251953E+0	-.170448E-1	.344558E+0	-.112491E-1	
.345787E+0	.757080E+0	-.243134E+0				
434435400.	.785583E+0	-.291931E+0	.115376E-1	.306987E+0	.169801E-1	
.307548E+0	.782867E+0	-.284943E+0				
434447900.	.801056E+0	-.327759E+0	.296948E-1	.273034E+0	.347906E-1	
.273179E+0	.798645E+0	-.322693E+0				
434460400.	.809204E+0	-.358551E+0	.406898E-1	.243458E+0	.455171E-1	
.243182E+0	.807190E+0	-.355591E+0				
434472900.	.813690E+0	-.384155E+0	.472207E-1	.218347E+0	.515822E-1	
.217797E+0	.811554E+0	-.383789E+0				
434485400.	.816223E+0	-.405548E+0	.510554E-1	.197195E+0	.551396E-1	
.196330E+0	.812897E+0	-.407745E+0				
434498000.	.818115E+0	-.424622E+0	.534281E-1	.178891E+0	.571551E-1	
.177967E+0	.812408E+0	-.428375E+0				
434510500.	.818817E+0	-.441986E+0	.546533E-1	.162788E+0	.580629E-1	
.161788E+0	.810944E+0	-.446198E+0				
434523000.	.818420E+0	-.457947E+0	.549471E-1	.148660E+0	.580790E-1	
.147560E+0	.809113E+0	-.462097E+0				
434535500.	.817017E+0	-.471802E+0	.544447E-1	.136143E+0	.573015E-1	
.135019E+0	.806396E+0	-.475983E+0				

434548000.	.814941E+0	-.484314E+0	.535511E-1	.125232E+0	.561498E-1
.124038E+0	.803650E+0	-.488525E+0			
434560500.	.812622E+0	-.495544E+0	.522294E-1	.115608E+0	.546971E-1
.114414E+0	.800537E+0	-.499268E+0			
434573000.	.809937E+0	-.505249E+0	.508133E-1	.106983E+0	.530331E-1
.105825E+0	.797485E+0	-.508667E+0			
434585500.	.807251E+0	-.514160E+0	.492434E-1	.994622E-1	.512287E-1
.982294E-1	.794189E+0	-.517395E+0			
434598000.	.804504E+0	-.522034E+0	.475949E-1	.926827E-1	.495147E-1
.915517E-1	.791199E+0	-.525208E+0			
434610600.	.801880E+0	-.529175E+0	.460023E-1	.866530E-1	.477655E-1
.855170E-1	.788208E+0	-.532288E+0			
434623100.	.799194E+0	-.535767E+0	.443984E-1	.811768E-1	.460236E-1
.800868E-1	.785156E+0	-.538574E+0			
434635600.	.796753E+0	-.541565E+0	.428160E-1	.762826E-1	.444478E-1
.752636E-1	.782471E+0	-.544495E+0			
434648100.	.794189E+0	-.546997E+0	.413126E-1	.718834E-1	.428397E-1
.708751E-1	.779907E+0	-.549744E+0			
434660600.	.791809E+0	-.552002E+0	.398351E-1	.678168E-1	.412489E-1
.667898E-1	.776855E+0	-.554749E+0			
434673100.	.789734E+0	-.556519E+0	.384596E-1	.640915E-1	.398275E-1
.631513E-1	.774658E+0	-.559326E+0			
434685600.	.787354E+0	-.560791E+0	.371220E-1	.607401E-1	.383946E-1
.597538E-1	.772095E+0	-.563477E+0			
434698100.	.785400E+0	-.564880E+0	.358252E-1	.576467E-1	.370325E-1
.567239E-1	.769897E+0	-.567139E+0			
434710700.	.783142E+0	-.568542E+0	.346461E-1	.547081E-1	.357735E-1
.538641E-1	.767700E+0	-.570862E+0			
434723200.	.780823E+0	-.571777E+0	.334525E-1	.521249E-1	.344980E-1
.512546E-1	.765503E+0	-.574219E+0			
434735700.	.779175E+0	-.575195E+0	.323486E-1	.497382E-1	.332996E-1
.488569E-1	.763367E+0	-.577515E+0			
434748200.	.777283E+0	-.578247E+0	.312734E-1	.474455E-1	.322401E-1
.465925E-1	.761353E+0	-.580444E+0			
434760700.	.775696E+0	-.580933E+0	.302553E-1	.453572E-1	.311612E-1
.445157E-1	.759888E+0	-.583130E+0			
434773200.	.773926E+0	-.583618E+0	.292872E-1	.433881E-1	.301603E-1
.425987E-1	.757996E+0	-.585754E+0			
434785700.	.772217E+0	-.586487E+0	.283764E-1	.415787E-1	.292032E-1
.408148E-1	.756104E+0	-.588379E+0			
434798200.	.770630E+0	-.588684E+0	.274980E-1	.398786E-1	.282710E-1
.391132E-1	.754272E+0	-.590515E+0			
434810800.	.769165E+0	-.590942E+0	.266631E-1	.382979E-1	.274032E-1
.375582E-1	.752563E+0	-.592834E+0			
434823300.	.767639E+0	-.593140E+0	.258536E-1	.367838E-1	.265744E-1
.360724E-1	.751007E+0	-.595123E+0			
434835800.	.766235E+0	-.595276E+0	.250853E-1	.353873E-1	.257721E-1
.346903E-1	.749573E+0	-.597412E+0			
434848300.	.764832E+0	-.597107E+0	.243427E-1	.340806E-1	.250082E-1
.333783E-1	.748077E+0	-.599091E+0			
434860800.	.763611E+0	-.599121E+0	.236390E-1	.328367E-1	.242859E-1
.321737E-1	.746460E+0	-.601074E+0			
434873300.	.762207E+0	-.600586E+0	.229644E-1	.316577E-1	.235715E-1
.310046E-1	.745117E+0	-.602661E+0			
434885800.	.761047E+0	-.602539E+0	.223005E-1	.305471E-1	.229163E-1
.299116E-1	.743927E+0	-.604401E+0			

434898300.	.759766E+0	-.604248E+0	.216908E-1	.294897E-1	.222549E-1
.288644E-1	.742554E+0	-.605927E+0			
434910800.	.758362E+0	-.605713E+0	.210833E-1	.284884E-1	.216336E-1
.278969E-1	.741333E+0	-.607513E+0			
434923400.	.757385E+0	-.607361E+0	.205034E-1	.275415E-1	.210375E-1
.269551E-1	.739868E+0	-.609161E+0			
434935900.	.756104E+0	-.608765E+0	.199610E-1	.266418E-1	.204579E-1
.260821E-1	.738892E+0	-.610382E+0			
434948400.	.755005E+0	-.610107E+0	.194117E-1	.258095E-1	.198980E-1
.252476E-1	.737823E+0	-.611938E+0			
434960900.	.753784E+0	-.611389E+0	.188922E-1	.250051E-1	.193709E-1
.244705E-1	.736359E+0	-.613037E+0			
434973400.	.752686E+0	-.612793E+0	.183773E-1	.242325E-1	.188493E-1
.237018E-1	.735382E+0	-.614502E+0			
434985900.	.751770E+0	-.613953E+0	.178920E-1	.235009E-1	.183338E-1
.229843E-1	.734253E+0	-.615662E+0			
434998400.	.750916E+0	-.615295E+0	.174259E-1	.227902E-1	.178477E-1
.222968E-1	.733124E+0	-.617065E+0			
435010900.	.749695E+0	-.616516E+0	.169553E-1	.221294E-1	.173632E-1
.216386E-1	.732056E+0	-.617889E+0			
435023500.	.748596E+0	-.617676E+0	.165187E-1	.214942E-1	.169044E-1
.210287E-1	.731018E+0	-.619171E+0			
435036000.	.747864E+0	-.618713E+0	.160662E-1	.208832E-1	.164566E-1
.204216E-1	.730042E+0	-.620209E+0			
435048500.	.746704E+0	-.619690E+0	.156414E-1	.203068E-1	.160239E-1
.198404E-1	.729065E+0	-.621094E+0			
435061000.	.745850E+0	-.620789E+0	.152154E-1	.197453E-1	.155881E-1
.193088E-1	.728088E+0	-.622437E+0			
435073500.	.744995E+0	-.621643E+0	.147917E-1	.192064E-1	.151539E-1
.187893E-1	.727173E+0	-.623352E+0			
435086000.	.744141E+0	-.622803E+0	.143941E-1	.186980E-1	.147370E-1
.182864E-1	.726105E+0	-.624542E+0			
435098500.	.743103E+0	-.623535E+0	.139735E-1	.182094E-1	.143250E-1
.178088E-1	.725311E+0	-.625641E+0			
435111000.	.742371E+0	-.624573E+0	.135506E-1	.177383E-1	.138986E-1
.173452E-1	.724365E+0	-.626251E+0			
435123600.	.741272E+0	-.625671E+0	.131368E-1	.173003E-1	.134597E-1
.169011E-1	.723206E+0	-.626923E+0			
435136100.	.740417E+0	-.626404E+0	.127147E-1	.168647E-1	.130321E-1
.164941E-1	.722260E+0	-.628052E+0			
435148600.	.739563E+0	-.627258E+0	.122803E-1	.164875E-1	.125978E-1
.161177E-1	.721405E+0	-.628937E+0			
435161100.	.738647E+0	-.627930E+0	.118283E-1	.161076E-1	.121346E-1
.157651E-1	.720337E+0	-.629364E+0			
435173600.	.737793E+0	-.628723E+0	.113706E-1	.157880E-1	.116767E-1
.154428E-1	.719299E+0	-.630219E+0			
435186100.	.736816E+0	-.629517E+0	.108731E-1	.154957E-1	.111746E-1
.151533E-1	.718109E+0	-.631073E+0			
435198600.	.735718E+0	-.630066E+0	.103632E-1	.152606E-1	.106532E-1
.149428E-1	.716888E+0	-.631622E+0			
435211100.	.734863E+0	-.630737E+0	.982103E-2	.151185E-1	.101128E-1
.148125E-1	.715820E+0	-.631744E+0			
435223600.	.733856E+0	-.631012E+0	.931008E-2	.150759E-1	.960589E-2
.148039E-1	.714996E+0	-.632141E+0			
435236200.	.732849E+0	-.631317E+0	.886950E-2	.151328E-1	.916685E-2
.148576E-1	.714203E+0	-.632233E+0			

435248700.	.731995E+0	-.631714E+0	.850162E-2	.151941E-1	.879353E-2
.149319E-1	.713684E+0	-.632477E+0			
435261200.	.731018E+0	-.631866E+0	.811896E-2	.153048E-1	.842423E-2
.150365E-1	.713104E+0	-.633026E+0			
435273700.	.730408E+0	-.631989E+0	.776310E-2	.154883E-1	.807034E-2
.152294E-1	.712341E+0	-.633362E+0			
435286200.	.729919E+0	-.631989E+0	.746146E-2	.157787E-1	.777968E-2
.155280E-1	.711609E+0	-.633698E+0			
435298700.	.729340E+0	-.631958E+0	.729060E-2	.161845E-1	.761680E-2
.159410E-1	.711029E+0	-.633881E+0			
435311200.	.728943E+0	-.631989E+0	.727250E-2	.166387E-1	.761045E-2
.163702E-1	.710266E+0	-.633972E+0			
435323700.	.728729E+0	-.631683E+0	.745565E-2	.170640E-1	.779438E-2
.168108E-1	.709961E+0	-.633972E+0			
435336300.	.728790E+0	-.631989E+0	.778233E-2	.174155E-1	.812999E-2
.171471E-1	.709808E+0	-.634125E+0			
435348800.	.729034E+0	-.632141E+0	.823169E-2	.176341E-1	.857456E-2
.173532E-1	.709503E+0	-.634247E+0			
435361300.	.729095E+0	-.632599E+0	.872088E-2	.177024E-1	.908076E-2
.174208E-1	.709656E+0	-.634521E+0			
435373800.	.729156E+0	-.633209E+0	.924556E-2	.176458E-1	.959675E-2
.173451E-1	.709442E+0	-.634857E+0			
435386300.	.729095E+0	-.633759E+0	.970177E-2	.174659E-1	.100476E-1
.171603E-1	.709534E+0	-.635559E+0			
435398800.	.728943E+0	-.634613E+0	.101077E-1	.172185E-1	.104441E-1
.168852E-1	.709167E+0	-.636139E+0			
435411300.	.728943E+0	-.635590E+0	.104570E-1	.169087E-1	.107902E-1
.165758E-1	.709015E+0	-.636902E+0			
435423800.	.728882E+0	-.636292E+0	.107333E-1	.165810E-1	.110524E-1
.162469E-1	.708801E+0	-.637360E+0			
435436400.	.728455E+0	-.637115E+0	.109700E-1	.162494E-1	.112769E-1
.159034E-1	.708313E+0	-.638123E+0			
435448900.	.727966E+0	-.638031E+0	.111371E-1	.159216E-1	.114438E-1
.155784E-1	.707977E+0	-.638885E+0			
435461400.	.727692E+0	-.638641E+0	.112918E-1	.156033E-1	.115804E-1
.152603E-1	.707642E+0	-.639648E+0			
435473900.	.727173E+0	-.639282E+0	.114042E-1	.153068E-1	.116912E-1
.149694E-1	.707214E+0	-.640106E+0			
435486400.	.726563E+0	-.640106E+0	.115198E-1	.150319E-1	.117944E-1
.146760E-1	.706665E+0	-.640839E+0			
435498900.	.726135E+0	-.641022E+0	.116126E-1	.147719E-1	.118834E-1
.144187E-1	.706207E+0	-.641479E+0			
435511400.	.725525E+0	-.641693E+0	.117121E-1	.145421E-1	.119789E-1
.141863E-1	.705505E+0	-.642029E+0			
435523900.	.725189E+0	-.642242E+0	.117957E-1	.143282E-1	.120527E-1
.139647E-1	.705078E+0	-.643005E+0			
435536400.	.724335E+0	-.643036E+0	.118846E-1	.141243E-1	.121364E-1
.137819E-1	.704346E+0	-.643341E+0			
435549000.	.723907E+0	-.643524E+0	.119983E-1	.139459E-1	.122446E-1
.135972E-1	.703735E+0	-.643982E+0			
435561500.	.723083E+0	-.644043E+0	.121086E-1	.137844E-1	.123456E-1
.134387E-1	.703522E+0	-.644470E+0			
435574000.	.722626E+0	-.644775E+0	.122198E-1	.136583E-1	.124676E-1
.132806E-1	.702515E+0	-.644867E+0			
435586500.	.721924E+0	-.645325E+0	.123750E-1	.135345E-1	.126213E-1
.131745E-1	.702057E+0	-.645508E+0			

435599000.	.721222E+0	-.645905E+0	.125527E-1	.134152E-1	.127883E-1
.130526E-1	.701385E+0	-.645966E+0			
435611500.	.720551E+0	-.646454E+0	.127460E-1	.133119E-1	.129609E-1
.129512E-1	.700653E+0	-.646484E+0			
435624000.	.719879E+0	-.647095E+0	.129766E-1	.132448E-1	.132044E-1
.128693E-1	.699982E+0	-.647186E+0			
435636500.	.719116E+0	-.647400E+0	.132319E-1	.131743E-1	.134591E-1
.127966E-1	.699005E+0	-.647705E+0			
435649100.	.718201E+0	-.648254E+0	.135297E-1	.131119E-1	.137674E-1
.127317E-1	.698364E+0	-.648163E+0			
435661600.	.717407E+0	-.648712E+0	.138925E-1	.130652E-1	.141083E-1
.126597E-1	.697784E+0	-.648590E+0			
435674100.	.716461E+0	-.649292E+0	.142989E-1	.130266E-1	.145227E-1
.126053E-1	.696899E+0	-.648926E+0			
435686600.	.715759E+0	-.649689E+0	.147716E-1	.129784E-1	.149827E-1
.125563E-1	.695801E+0	-.649323E+0			
435699100.	.714508E+0	-.650299E+0	.153361E-1	.129248E-1	.155370E-1
.124898E-1	.695007E+0	-.649933E+0			
435711600.	.713318E+0	-.650696E+0	.159834E-1	.128855E-1	.161675E-1
.124286E-1	.693726E+0	-.650269E+0			
435724100.	.712036E+0	-.651245E+0	.167346E-1	.127920E-1	.169341E-1
.123351E-1	.692383E+0	-.650726E+0			
435736600.	.710693E+0	-.651520E+0	.176491E-1	.126727E-1	.178248E-1
.122015E-1	.691284E+0	-.650818E+0			
435749200.	.709320E+0	-.651733E+0	.187071E-1	.124895E-1	.188807E-1
.120012E-1	.689697E+0	-.651031E+0			
435761700.	.707275E+0	-.651886E+0	.199696E-1	.122098E-1	.201260E-1
.116807E-1	.688110E+0	-.651123E+0			
435774200.	.705597E+0	-.651855E+0	.214646E-1	.117654E-1	.216004E-1
.111958E-1	.686279E+0	-.651001E+0			
435786700.	.703003E+0	-.651550E+0	.232240E-1	.110438E-1	.233416E-1
.104377E-1	.684174E+0	-.650452E+0			
435799200.	.700653E+0	-.650726E+0	.252844E-1	.991898E-2	.253672E-1
.929710E-2	.681946E+0	-.649841E+0			
435811700.	.697784E+0	-.649261E+0	.275848E-1	.819451E-2	.276029E-1
.751833E-2	.679352E+0	-.648499E+0			
435824200.	.694855E+0	-.646942E+0	.300060E-1	.557239E-2	.299509E-1
.485005E-2	.676849E+0	-.645844E+0			
435836700.	.692322E+0	-.643372E+0	.321892E-1	.174845E-2	.320219E-1
.101267E-2	.674622E+0	-.642609E+0			
435849200.	.690857E+0	-.638245E+0	.334402E-1	-.340857E-2	.331631E-1
.414610E-2	.673370E+0	-.637817E+0			
435861800.	.691132E+0	-.632385E+0	.328833E-1	-.956698E-2	.324814E-1
.102444E-1	.674194E+0	-.632355E+0			
435874300.	.694000E+0	-.626495E+0	.298609E-1	-.156385E-1	.293191E-1
.162224E-1	.677460E+0	-.627106E+0			
435886800.	.699158E+0	-.622284E+0	.246633E-1	-.201605E-1	.240741E-1
.205868E-1	.682281E+0	-.623718E+0			
435899300.	.705383E+0	-.620544E+0	.185394E-1	-.222495E-1	.179237E-1
.225331E-1	.687805E+0	-.622375E+0			
435911800.	.711029E+0	-.621368E+0	.128539E-1	-.221432E-1	.122855E-1
.222998E-1	.693085E+0	-.623413E+0			
435924300.	.715271E+0	-.623413E+0	.834407E-2	-.206442E-1	.782033E-2
.207096E-1	.696899E+0	-.625610E+0			
435936800.	.718445E+0	-.626221E+0	.507194E-2	-.185538E-1	.461209E-2
.185358E-1	.699463E+0	-.628479E+0			

435949300.	.720123E+0	-.628937E+0	.281319E-2	-.163451E-1	.241609E-2	-
.163033E-1	.701019E+0	-.631348E+0				
435961900.	.721527E+0	-.631531E+0	.129800E-2	-.142971E-1	.944676E-3	-
.142345E-1	.701691E+0	-.633636E+0				
435974400.	.721863E+0	-.633942E+0	.303570E-3	-.124700E-1	.422937E-5	-
.124066E-1	.702087E+0	-.635712E+0				
435986900.	.722137E+0	-.636139E+0	-.355133E-3	-.108936E-1	-.603056E-3	-
.108288E-1	.702209E+0	-.637726E+0				
435999400.	.722290E+0	-.637939E+0	-.785813E-3	-.955165E-2	-.100609E-2	-
.947909E-2	.702057E+0	-.639343E+0				
436011900.	.721954E+0	-.639587E+0	-.106889E-2	-.842049E-2	-.126181E-2	-
.833412E-2	.701996E+0	-.640869E+0				
436024400.	.721741E+0	-.640839E+0	-.125581E-2	-.743592E-2	-.141134E-2	-
.735979E-2	.701385E+0	-.642212E+0				
436036900.	.721405E+0	-.642303E+0	-.135802E-2	-.660568E-2	-.150551E-2	-
.653329E-2	.701172E+0	-.643341E+0				
436049400.	.721130E+0	-.643372E+0	-.142655E-2	-.590300E-2	-.156179E-2	-
.583344E-2	.700714E+0	-.644165E+0				
436062000.	.720734E+0	-.644470E+0	-.147250E-2	-.528728E-2	-.158572E-2	-
.521716E-2	.700439E+0	-.645447E+0				
436074500.	.720398E+0	-.645111E+0	-.149805E-2	-.475800E-2	-.159935E-2	-
.470836E-2	.699951E+0	-.646118E+0				
436087000.	.719940E+0	-.646210E+0	-.151059E-2	-.430492E-2	-.159849E-2	-
.423920E-2	.699493E+0	-.647064E+0				
436099500.	.719452E+0	-.647003E+0	-.152576E-2	-.392111E-2	-.160869E-2	-
.385617E-2	.698883E+0	-.647522E+0				
436112000.	.719147E+0	-.647827E+0	-.153359E-2	-.357962E-2	-.161201E-2	-
.352005E-2	.698395E+0	-.648346E+0				
436124500.	.718506E+0	-.648315E+0	-.154429E-2	-.327842E-2	-.161940E-2	-
.322651E-2	.698212E+0	-.648956E+0				
436137000.	.718109E+0	-.649109E+0	-.156387E-2	-.303594E-2	-.162166E-2	-
.296981E-2	.697662E+0	-.649536E+0				
436149500.	.717834E+0	-.649628E+0	-.158373E-2	-.282073E-2	-.164814E-2	-
.275828E-2	.697266E+0	-.650146E+0				
436162000.	.717224E+0	-.650330E+0	-.162133E-2	-.261566E-2	-.166897E-2	-
.256578E-2	.696869E+0	-.650421E+0				
436174600.	.716797E+0	-.650818E+0	-.164465E-2	-.246503E-2	-.169538E-2	-
.240203E-2	.696381E+0	-.651123E+0				
436187100.	.716309E+0	-.651154E+0	-.168058E-2	-.231478E-2	-.173229E-2	-
.226746E-2	.695862E+0	-.651581E+0				
436199600.	.715881E+0	-.651825E+0	-.173870E-2	-.220367E-2	-.178061E-2	-
.215526E-2	.695587E+0	-.651978E+0				
436212100.	.715546E+0	-.652283E+0	-.178219E-2	-.212217E-2	-.182761E-2	-
.205668E-2	.695282E+0	-.652435E+0				
436224600.	.715118E+0	-.652649E+0	-.184855E-2	-.203287E-2	-.189769E-2	-
.198452E-2	.694702E+0	-.652832E+0				
436237100.	.714691E+0	-.653076E+0	-.193486E-2	-.197700E-2	-.197443E-2	-
.191973E-2	.694366E+0	-.653046E+0				
436249600.	.714264E+0	-.653564E+0	-.201454E-2	-.193113E-2	-.205518E-2	-
.186833E-2	.694000E+0	-.653473E+0				
436262100.	.713806E+0	-.653778E+0	-.211845E-2	-.190589E-2	-.215541E-2	-
.185517E-2	.693481E+0	-.654053E+0				
436274700.	.713562E+0	-.654358E+0	-.223309E-2	-.189412E-2	-.225737E-2	-
.183820E-2	.693207E+0	-.654297E+0				
436287200.	.712860E+0	-.654938E+0	-.235769E-2	-.190975E-2	-.238446E-2	-
.183639E-2	.692688E+0	-.654785E+0				

436299700.	.712372E+0	-.655273E+0	-.249002E-2	-.192852E-2	-.253071E-2	-
.184977E-2	.692230E+0	-.655121E+0				
436312200.	.711914E+0	-.655548E+0	-.265736E-2	-.196466E-2	-.268833E-2	-
.189389E-2	.691589E+0	-.655792E+0				
436324700.	.711517E+0	-.655975E+0	-.282802E-2	-.201081E-2	-.286074E-2	-
.193357E-2	.691315E+0	-.655792E+0				
436337200.	.711060E+0	-.656311E+0	-.303593E-2	-.207498E-2	-.306888E-2	-
.200487E-2	.690948E+0	-.656372E+0				
436349700.	.710419E+0	-.656708E+0	-.326175E-2	-.215954E-2	-.328817E-2	-
.207342E-2	.690369E+0	-.656799E+0				
436362200.	.710083E+0	-.657227E+0	-.351584E-2	-.225064E-2	-.355256E-2	-
.214913E-2	.689758E+0	-.656891E+0				
436374800.	.709412E+0	-.657410E+0	-.380372E-2	-.236099E-2	-.383032E-2	-
.225693E-2	.689178E+0	-.657379E+0				
436387300.	.708771E+0	-.657898E+0	-.412819E-2	-.249351E-2	-.416135E-2	-
.236863E-2	.688446E+0	-.657806E+0				
436399800.	.708160E+0	-.658295E+0	-.450987E-2	-.261938E-2	-.454308E-2	-
.249645E-2	.687744E+0	-.658325E+0				
436412300.	.707642E+0	-.658783E+0	-.492802E-2	-.277397E-2	-.495848E-2	-
.263647E-2	.687195E+0	-.658508E+0				
436424800.	.706604E+0	-.659241E+0	-.541923E-2	-.294240E-2	-.545497E-2	-
.279164E-2	.686249E+0	-.658997E+0				