

S-Parameter Wide
RF1172D 03/09/04

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HZ S R I R 50

408920000.	.911255E+0	-.395508E+0	.109846E-3	.201951E-3	.111750E-3
.205785E-3	.821411E+0	-.539124E+0			
409045000.	.911438E+0	-.395569E+0	.114181E-3	.198580E-3	.111022E-3
.196496E-3	.821289E+0	-.539429E+0			
409170000.	.911438E+0	-.395691E+0	.103366E-3	.198581E-3	.106581E-3
.195502E-3	.821167E+0	-.539612E+0			
409295000.	.911255E+0	-.396057E+0	.105591E-3	.191181E-3	.103069E-3
.185494E-3	.820984E+0	-.539856E+0			
409420000.	.911133E+0	-.395996E+0	.101731E-3	.190169E-3	.110047E-3
.200783E-3	.820679E+0	-.539917E+0			
409545000.	.911255E+0	-.395996E+0	.100524E-3	.199809E-3	.116220E-3
.203537E-3	.820862E+0	-.540161E+0			
409670000.	.910889E+0	-.396301E+0	.112230E-3	.203251E-3	.101751E-3
.195591E-3	.820435E+0	-.540344E+0			
409794900.	.911072E+0	-.396362E+0	.101731E-3	.197507E-3	.109679E-3
.194011E-3	.820374E+0	-.540466E+0			
409919900.	.910950E+0	-.396545E+0	.115141E-3	.198741E-3	.987991E-4
.191381E-3	.820374E+0	-.540588E+0			
410044900.	.911011E+0	-.396606E+0	.105856E-3	.192498E-3	.107204E-3
.189830E-3	.820190E+0	-.540710E+0			
410169900.	.910828E+0	-.396790E+0	.111711E-3	.194590E-3	.106586E-3
.192999E-3	.820007E+0	-.540955E+0			
410294900.	.910889E+0	-.396790E+0	.107769E-3	.190527E-3	.103995E-3
.193846E-3	.820007E+0	-.541260E+0			
410419900.	.910889E+0	-.397095E+0	.109432E-3	.202058E-3	.109910E-3
.192501E-3	.819580E+0	-.541138E+0			
410544900.	.910828E+0	-.397278E+0	.105754E-3	.192779E-3	.106780E-3
.188163E-3	.819580E+0	-.541504E+0			
410669900.	.910767E+0	-.397278E+0	.105125E-3	.195042E-3	.990279E-4
.193342E-3	.819397E+0	-.541504E+0			
410794900.	.910522E+0	-.397217E+0	.107098E-3	.193397E-3	.997700E-4
.189459E-3	.819275E+0	-.541382E+0			
410919900.	.910645E+0	-.397583E+0	.102234E-3	.196685E-3	.104262E-3
.203731E-3	.819214E+0	-.541809E+0			
411044900.	.910522E+0	-.397644E+0	.899476E-4	.198267E-3	.103150E-3
.188520E-3	.819153E+0	-.541870E+0			
411169900.	.910400E+0	-.397766E+0	.943675E-4	.191457E-3	.106198E-3
.191294E-3	.818909E+0	-.542175E+0			
411294800.	.910217E+0	-.398010E+0	.959711E-4	.185329E-3	.108465E-3
.196418E-3	.818542E+0	-.542358E+0			
411419800.	.910217E+0	-.397766E+0	.895932E-4	.190267E-3	.105358E-3
.188295E-3	.818665E+0	-.542114E+0			
411544800.	.910217E+0	-.398132E+0	.903242E-4	.192023E-3	.951932E-4
.185730E-3	.818604E+0	-.542480E+0			
411669800.	.910217E+0	-.398193E+0	.100079E-3	.194234E-3	.109161E-3
.188939E-3	.818665E+0	-.542542E+0			
411794800.	.910095E+0	-.398438E+0	.970948E-4	.199938E-3	.100436E-3
.194049E-3	.818726E+0	-.542603E+0			
411919800.	.910095E+0	-.398621E+0	.988571E-4	.187881E-3	.106499E-3
.196689E-3	.818542E+0	-.542847E+0			
412044800.	.909912E+0	-.398499E+0	.919680E-4	.205770E-3	.103220E-3
.198316E-3	.818176E+0	-.543030E+0			

412169800.	.909851E+0	-.398743E+0	.963249E-4	.197769E-3	.863596E-4
.194466E-3	.818054E+0	-.543274E+0			
412294800.	.909851E+0	-.399048E+0	.887778E-4	.203114E-3	.918832E-4
.198243E-3	.817810E+0	-.543335E+0			
412419800.	.909912E+0	-.398987E+0	.971558E-4	.210069E-3	.980441E-4
.206568E-3	.817932E+0	-.543579E+0			
412544800.	.909607E+0	-.399048E+0	.873521E-4	.199852E-3	.895101E-4
.207404E-3	.817749E+0	-.543701E+0			
412669800.	.909607E+0	-.399475E+0	.101280E-3	.219771E-3	.914479E-4
.221116E-3	.817566E+0	-.543945E+0			
412794800.	.909851E+0	-.399170E+0	.103219E-3	.222739E-3	.104156E-3
.225487E-3	.817444E+0	-.544128E+0			
412919700.	.909546E+0	-.399475E+0	.111850E-3	.216553E-3	.130241E-3
.210708E-3	.817383E+0	-.544250E+0			
413044700.	.909546E+0	-.399597E+0	.123145E-3	.211226E-3	.117548E-3
.211144E-3	.817200E+0	-.544312E+0			
413169700.	.909546E+0	-.399963E+0	.113393E-3	.198083E-3	.131139E-3
.193751E-3	.817017E+0	-.544678E+0			
413294700.	.909485E+0	-.399841E+0	.129834E-3	.197927E-3	.126565E-3
.197270E-3	.816956E+0	-.544922E+0			
413419700.	.909302E+0	-.400146E+0	.108044E-3	.194354E-3	.121931E-3
.182739E-3	.816833E+0	-.544922E+0			
413544700.	.909302E+0	-.400269E+0	.113303E-3	.203733E-3	.111174E-3
.205977E-3	.816528E+0	-.545227E+0			
413669700.	.909058E+0	-.400208E+0	.110808E-3	.198369E-3	.106499E-3
.192934E-3	.816711E+0	-.545227E+0			
413794700.	.909058E+0	-.400452E+0	.111615E-3	.193368E-3	.113091E-3
.194727E-3	.816528E+0	-.545349E+0			
413919700.	.909058E+0	-.400574E+0	.111627E-3	.190128E-3	.117114E-3
.194355E-3	.816284E+0	-.545654E+0			
414044700.	.909058E+0	-.400757E+0	.104196E-3	.203534E-3	.112096E-3
.194019E-3	.816284E+0	-.545959E+0			
414169700.	.908997E+0	-.400818E+0	.110613E-3	.195913E-3	.114563E-3
.189536E-3	.815979E+0	-.545715E+0			
414294700.	.908936E+0	-.401123E+0	.991346E-4	.184725E-3	.114189E-3
.193733E-3	.815613E+0	-.546265E+0			
414419600.	.908752E+0	-.401001E+0	.115186E-3	.195622E-3	.105961E-3
.200884E-3	.815552E+0	-.546387E+0			
414544600.	.908630E+0	-.401367E+0	.961029E-4	.189090E-3	.111314E-3
.188592E-3	.815308E+0	-.546448E+0			
414669600.	.908752E+0	-.401306E+0	.112509E-3	.189492E-3	.109141E-3
.187367E-3	.815369E+0	-.546509E+0			
414794600.	.908752E+0	-.401367E+0	.102351E-3	.199445E-3	.110459E-3
.194493E-3	.815308E+0	-.546875E+0			
414919600.	.908569E+0	-.401550E+0	.112916E-3	.194595E-3	.111693E-3
.194252E-3	.815186E+0	-.547180E+0			
415044600.	.908508E+0	-.401550E+0	.109785E-3	.184174E-3	.109720E-3
.194564E-3	.814880E+0	-.547241E+0			
415169600.	.908386E+0	-.401794E+0	.110010E-3	.185615E-3	.107770E-3
.186253E-3	.814453E+0	-.547424E+0			
415294600.	.908386E+0	-.401978E+0	.104852E-3	.197344E-3	.105894E-3
.187660E-3	.814331E+0	-.547302E+0			
415419600.	.908325E+0	-.402100E+0	.998696E-4	.184221E-3	.106422E-3
.183591E-3	.814392E+0	-.547302E+0			
415544600.	.908203E+0	-.402222E+0	.971888E-4	.180479E-3	.108854E-3
.184725E-3	.814331E+0	-.547546E+0			

415669600.	.908264E+0	-.402222E+0	.968486E-4	.189246E-3	.960955E-4
.192212E-3	.813965E+0	-.547546E+0			
415794600.	.908203E+0	-.402527E+0	.962092E-4	.181630E-3	.963466E-4
.188218E-3	.814209E+0	-.547791E+0			
415919600.	.908020E+0	-.402527E+0	.800805E-4	.205098E-3	.944101E-4
.203658E-3	.813843E+0	-.548157E+0			
416044500.	.907959E+0	-.402771E+0	.896032E-4	.209028E-3	.912563E-4
.205644E-3	.813721E+0	-.548462E+0			
416169500.	.908081E+0	-.403015E+0	.977391E-4	.207054E-3	.942244E-4
.199326E-3	.813660E+0	-.548462E+0			
416294500.	.907898E+0	-.403076E+0	.946262E-4	.213395E-3	.108934E-3
.201975E-3	.813660E+0	-.548584E+0			
416419500.	.907776E+0	-.403137E+0	.850271E-4	.206227E-3	.864797E-4
.202160E-3	.813354E+0	-.548828E+0			
416544500.	.907654E+0	-.403381E+0	.887548E-4	.214770E-3	.844617E-4
.217280E-3	.813416E+0	-.548950E+0			
416669500.	.907532E+0	-.403564E+0	.902967E-4	.224859E-3	.101086E-3
.228719E-3	.813049E+0	-.548828E+0			
416794500.	.907532E+0	-.403748E+0	.111701E-3	.229299E-3	.117040E-3
.225846E-3	.813232E+0	-.549255E+0			
416919500.	.907593E+0	-.403809E+0	.132838E-3	.223958E-3	.120067E-3
.219350E-3	.813110E+0	-.549561E+0			
417044500.	.907593E+0	-.403992E+0	.124195E-3	.215230E-3	.129390E-3
.223143E-3	.812622E+0	-.549561E+0			
417169500.	.907410E+0	-.403992E+0	.137553E-3	.208561E-3	.130133E-3
.204145E-3	.812622E+0	-.549927E+0			
417294500.	.907288E+0	-.403931E+0	.122523E-3	.202908E-3	.126914E-3
.193548E-3	.812622E+0	-.549805E+0			
417419500.	.907166E+0	-.404114E+0	.122128E-3	.196726E-3	.125101E-3
.199825E-3	.812317E+0	-.549988E+0			
417544400.	.907104E+0	-.404480E+0	.119574E-3	.194294E-3	.124617E-3
.198134E-3	.812500E+0	-.550293E+0			
417669400.	.907104E+0	-.404663E+0	.122105E-3	.203782E-3	.124670E-3
.194754E-3	.812317E+0	-.550293E+0			
417794400.	.907043E+0	-.404480E+0	.130385E-3	.196291E-3	.120620E-3
.187763E-3	.812073E+0	-.550842E+0			
417919400.	.906921E+0	-.404907E+0	.114630E-3	.203351E-3	.120061E-3
.187526E-3	.811951E+0	-.550903E+0			
418044400.	.906982E+0	-.404724E+0	.114595E-3	.182821E-3	.119532E-3
.189290E-3	.811951E+0	-.550842E+0			
418169400.	.906799E+0	-.405029E+0	.113593E-3	.179695E-3	.118696E-3
.181581E-3	.811462E+0	-.551208E+0			
418294400.	.906860E+0	-.405273E+0	.112475E-3	.194033E-3	.104802E-3
.185620E-3	.811523E+0	-.551514E+0			
418419400.	.906799E+0	-.405151E+0	.975535E-4	.188024E-3	.111290E-3
.195413E-3	.811279E+0	-.551697E+0			
418544400.	.906677E+0	-.405518E+0	.108170E-3	.194972E-3	.110114E-3
.205117E-3	.811096E+0	-.552124E+0			
418669400.	.906555E+0	-.405457E+0	.117232E-3	.198958E-3	.123628E-3
.198628E-3	.810913E+0	-.552185E+0			
418794400.	.906372E+0	-.405640E+0	.113445E-3	.196755E-3	.118818E-3
.190452E-3	.810730E+0	-.552429E+0			
418919400.	.906311E+0	-.405823E+0	.113175E-3	.194796E-3	.113384E-3
.190359E-3	.810852E+0	-.552612E+0			
419044400.	.906250E+0	-.405884E+0	.119388E-3	.183705E-3	.127460E-3
.184658E-3	.810303E+0	-.552856E+0			

419169300.	.906433E+0	-.406067E+0	.106534E-3	.178485E-3	.119961E-3
.180865E-3	.809814E+0	-.552979E+0			
419294300.	.906311E+0	-.406311E+0	.993566E-4	.159233E-3	.114799E-3
.160676E-3	.809753E+0	-.552917E+0			
419419300.	.906128E+0	-.406372E+0	.891221E-4	.177115E-3	.909032E-4
.180655E-3	.809631E+0	-.553040E+0			
419544300.	.906067E+0	-.406433E+0	.931450E-4	.185614E-3	.920674E-4
.175703E-3	.809631E+0	-.553162E+0			
419669300.	.905762E+0	-.406616E+0	.901887E-4	.185620E-3	.102672E-3
.186588E-3	.809509E+0	-.553467E+0			
419794300.	.905884E+0	-.406677E+0	.860436E-4	.181316E-3	.946762E-4
.177987E-3	.809509E+0	-.553650E+0			
419919300.	.905884E+0	-.406738E+0	.750007E-4	.178959E-3	.804292E-4
.184664E-3	.809021E+0	-.553833E+0			
420044300.	.905945E+0	-.406921E+0	.849665E-4	.187661E-3	.692804E-4
.182938E-3	.808838E+0	-.553955E+0			
420169300.	.905701E+0	-.407104E+0	.769048E-4	.190309E-3	.701811E-4
.193972E-3	.808838E+0	-.553772E+0			
420294300.	.905518E+0	-.407349E+0	.684022E-4	.186862E-3	.746754E-4
.198531E-3	.808716E+0	-.554016E+0			
420419300.	.905640E+0	-.407532E+0	.526662E-4	.203702E-3	.625527E-4
.202378E-3	.808655E+0	-.554321E+0			
420544300.	.905396E+0	-.407654E+0	.433484E-4	.232384E-3	.648530E-4
.232682E-3	.808472E+0	-.554565E+0			
420669200.	.905273E+0	-.407837E+0	.798926E-4	.240297E-3	.817726E-4
.238223E-3	.808594E+0	-.554565E+0			
420794200.	.905334E+0	-.407776E+0	.860727E-4	.236583E-3	.102447E-3
.235086E-3	.808228E+0	-.554993E+0			
420919200.	.905334E+0	-.407959E+0	.893400E-4	.242472E-3	.992543E-4
.235703E-3	.807922E+0	-.555115E+0			
421044200.	.905151E+0	-.408020E+0	.968391E-4	.246926E-3	.105799E-3
.254587E-3	.807800E+0	-.555420E+0			
421169200.	.905151E+0	-.408203E+0	.107392E-3	.259617E-3	.115049E-3
.254934E-3	.807434E+0	-.555603E+0			
421294200.	.905029E+0	-.408508E+0	.137540E-3	.243392E-3	.138980E-3
.246940E-3	.806946E+0	-.555359E+0			
421419200.	.904907E+0	-.408691E+0	.144014E-3	.234220E-3	.147578E-3
.232577E-3	.807129E+0	-.555115E+0			
421544200.	.904602E+0	-.408875E+0	.139947E-3	.216678E-3	.149847E-3
.205833E-3	.807373E+0	-.555664E+0			
421669200.	.904663E+0	-.408813E+0	.111938E-3	.209903E-3	.120168E-3
.218015E-3	.807556E+0	-.555786E+0			
421794200.	.904297E+0	-.408936E+0	.125864E-3	.236735E-3	.124654E-3
.236694E-3	.807312E+0	-.556396E+0			
421919200.	.904541E+0	-.409180E+0	.156168E-3	.240891E-3	.161985E-3
.246153E-3	.806946E+0	-.556519E+0			
422044200.	.904663E+0	-.409241E+0	.168176E-3	.208347E-3	.177639E-3
.196964E-3	.806824E+0	-.556519E+0			
422169200.	.904419E+0	-.409546E+0	.158434E-3	.197253E-3	.156589E-3
.200171E-3	.806885E+0	-.556702E+0			
422294100.	.904236E+0	-.409729E+0	.163081E-3	.194918E-3	.176603E-3
.191349E-3	.806641E+0	-.557129E+0			
422419100.	.904053E+0	-.409790E+0	.162617E-3	.175822E-3	.171359E-3
.170706E-3	.806458E+0	-.557373E+0			
422544100.	.904114E+0	-.409729E+0	.145068E-3	.154877E-3	.147088E-3
.160782E-3	.806152E+0	-.557678E+0			

422669100.	.904175E+0	-.409851E+0	.125372E-3	.169322E-3	.125038E-3
.159413E-3	.806152E+0	-.558105E+0			
422794100.	.904053E+0	-.410156E+0	.114447E-3	.173965E-3	.121740E-3
.171835E-3	.805847E+0	-.558411E+0			
422919100.	.903992E+0	-.410522E+0	.108175E-3	.181235E-3	.105249E-3
.169615E-3	.805603E+0	-.558594E+0			
423044100.	.903809E+0	-.410706E+0	.114684E-3	.190395E-3	.116519E-3
.170893E-3	.805359E+0	-.558899E+0			
423169100.	.904053E+0	-.410767E+0	.112085E-3	.185165E-3	.117221E-3
.187082E-3	.805115E+0	-.558960E+0			
423294100.	.903809E+0	-.410950E+0	.121508E-3	.180183E-3	.123895E-3
.179979E-3	.804688E+0	-.559326E+0			
423419100.	.903564E+0	-.411133E+0	.117908E-3	.181049E-3	.115232E-3
.169863E-3	.804565E+0	-.559448E+0			
423544100.	.903503E+0	-.411438E+0	.103800E-3	.180953E-3	.103342E-3
.178417E-3	.804504E+0	-.559509E+0			
423669100.	.903320E+0	-.411743E+0	.910884E-4	.189241E-3	.963159E-4
.190054E-3	.804260E+0	-.559937E+0			
423794000.	.903137E+0	-.411682E+0	.932512E-4	.224004E-3	.976686E-4
.227159E-3	.803772E+0	-.560364E+0			
423919000.	.903137E+0	-.411926E+0	.144179E-3	.254714E-3	.151019E-3
.256280E-3	.803223E+0	-.560547E+0			
424044000.	.903015E+0	-.411987E+0	.195440E-3	.213460E-3	.191782E-3
.206351E-3	.802612E+0	-.560303E+0			
424169000.	.903137E+0	-.412231E+0	.168115E-3	.180564E-3	.171736E-3
.174343E-3	.802856E+0	-.560059E+0			
424294000.	.902710E+0	-.412354E+0	.200748E-3	.187880E-3	.197244E-3
.168917E-3	.803040E+0	-.560303E+0			
424419000.	.902771E+0	-.412537E+0	.225033E-3	.109045E-3	.218565E-3
.103095E-3	.802917E+0	-.560669E+0			
424544000.	.902527E+0	-.412720E+0	.178829E-3	.422969E-4	.162022E-3
.228919E-4	.802856E+0	-.561218E+0			
424669000.	.902405E+0	-.412842E+0	.786963E-4	.148138E-4	.755331E-4
.678540E-5	.802612E+0	-.561462E+0			
424794000.	.902527E+0	-.413086E+0	.299163E-5	.468171E-4	-.911316E-6
.446993E-4	.802246E+0	-.561829E+0			
424919000.	.901794E+0	-.413147E+0	-.504492E-4	.107671E-3	-.443023E-4
.104409E-3	.801819E+0	-.562317E+0			
425044000.	.902039E+0	-.413086E+0	-.409396E-4	.191195E-3	-.322845E-4
.194636E-3	.801331E+0	-.562378E+0			
425169000.	.902222E+0	-.413208E+0	.268621E-4	.221647E-3	.135588E-4
.213790E-3	.800781E+0	-.562500E+0			
425294000.	.902222E+0	-.413635E+0	.563431E-4	.219280E-3	.679858E-4
.218529E-3	.800171E+0	-.562012E+0			
425418900.	.901978E+0	-.414124E+0	.834428E-4	.174024E-3	.878577E-4
.177547E-3	.800659E+0	-.561157E+0			
425543900.	.901733E+0	-.414368E+0	.673395E-4	.138258E-3	.682619E-4
.145817E-3	.801270E+0	-.562195E+0			
425668900.	.901489E+0	-.413879E+0	.274013E-4	.110639E-3	.197924E-4
.107857E-3	.800964E+0	-.562744E+0			
425793900.	.901611E+0	-.414063E+0	-.371229E-4	.105402E-3	-.278452E-4
.108432E-3	.800781E+0	-.563049E+0			
425918900.	.901917E+0	-.414368E+0	-.155232E-3	.137111E-3	-.148379E-3
.152108E-3	.800232E+0	-.563171E+0			
426043900.	.901733E+0	-.414734E+0	-.207994E-3	.341345E-3	-.195054E-3
.343771E-3	.799683E+0	-.562744E+0			

426168900.	.901550E+0	-.415100E+0	-.750698E-4	.463936E-3	-.705349E-4	
.458065E-3	.800171E+0	-.562866E+0				
426293900.	.901489E+0	-.415344E+0	.308696E-4	.488849E-3	.537229E-4	
.484436E-3	.800354E+0	-.563477E+0				
426418900.	.901245E+0	-.415710E+0	.135389E-3	.473497E-3	.151302E-3	
.478277E-3	.800171E+0	-.564209E+0				
426543900.	.901184E+0	-.416138E+0	.205252E-3	.431530E-3	.219564E-3	
.430013E-3	.799988E+0	-.564819E+0				
426668900.	.900696E+0	-.416687E+0	.270286E-3	.391208E-3	.275046E-3	
.376137E-3	.799805E+0	-.565125E+0				
426793900.	.900146E+0	-.416809E+0	.321692E-3	.325242E-3	.325970E-3	
.312155E-3	.799561E+0	-.565430E+0				
426918800.	.899353E+0	-.416504E+0	.380054E-3	.210388E-3	.391699E-3	
.197165E-3	.799133E+0	-.565918E+0				
427043800.	.899719E+0	-.415833E+0	.296812E-3	.320583E-4	.301601E-3	
.355117E-4	.798767E+0	-.566589E+0				
427168800.	.900146E+0	-.416077E+0	.167790E-3	.296566E-4	.159287E-3	
.292344E-4	.798523E+0	-.566833E+0				
427293800.	.900452E+0	-.416931E+0	.132167E-3	.607113E-4	.124049E-3	
.487714E-4	.798035E+0	-.567444E+0				
427418800.	.900085E+0	-.417297E+0	.104755E-3	.317480E-4	.111265E-3	
.335304E-4	.797852E+0	-.567932E+0				
427543800.	.899475E+0	-.417786E+0	.366671E-4	-.111249E-4	.388569E-4	-
.608340E-5	.797180E+0	-.568176E+0				
427668800.	.899170E+0	-.417603E+0	-.774573E-4	-.144433E-4	-.781396E-4	-
.128133E-4	.796753E+0	-.568787E+0				
427793800.	.899353E+0	-.417725E+0	-.209076E-3	.357498E-4	-.205729E-3	
.413012E-4	.796265E+0	-.569397E+0				
427918800.	.899109E+0	-.418396E+0	-.409000E-3	.150382E-3	-.400358E-3	
.162454E-3	.794983E+0	-.569641E+0				
428043800.	.898926E+0	-.418762E+0	-.475659E-3	.635719E-3	-.467163E-3	
.656168E-3	.794434E+0	-.568726E+0				
428168800.	.898010E+0	-.419250E+0	-.134983E-4	.908145E-3	.866887E-5	
.908204E-3	.795227E+0	-.568848E+0				
428293800.	.897339E+0	-.418640E+0	.412151E-3	.786165E-3	.435180E-3	
.776635E-3	.795044E+0	-.569702E+0				
428418800.	.898010E+0	-.418152E+0	.581000E-3	.403113E-3	.606646E-3	
.383546E-3	.794495E+0	-.570190E+0				
428543700.	.898499E+0	-.418396E+0	.449889E-3	.202494E-3	.454527E-3	
.179598E-3	.794128E+0	-.571045E+0				
428668700.	.898621E+0	-.419678E+0	.412463E-3	.120619E-3	.418725E-3	
.949315E-4	.793091E+0	-.571777E+0				
428793700.	.897888E+0	-.420349E+0	.345515E-3	.232712E-5	.343547E-3	-
.891993E-5	.792542E+0	-.571960E+0				
428918700.	.897034E+0	-.420410E+0	.272329E-3	-.810313E-4	.274376E-3	-
.826952E-4	.791809E+0	-.572327E+0				
429043700.	.897095E+0	-.420044E+0	.136829E-3	-.140661E-3	.130568E-3	-
.148976E-3	.790710E+0	-.573059E+0				
429168700.	.897644E+0	-.420593E+0	.101370E-3	-.124433E-3	.103254E-3	-
.126087E-3	.789551E+0	-.573425E+0				
429293700.	.897644E+0	-.421326E+0	.316308E-4	-.263704E-3	.120621E-4	-
.262703E-3	.787994E+0	-.571808E+0				
429418700.	.897156E+0	-.422302E+0	-.192938E-3	-.212409E-3	-.207937E-3	-
.221891E-3	.789734E+0	-.571045E+0				
429543700.	.896606E+0	-.422852E+0	-.158225E-3	-.193928E-3	-.160511E-3	-
.195420E-3	.790100E+0	-.573120E+0				

429668700.	.896118E+0	-.422852E+0	-.203533E-3	-.542906E-3	-.213062E-3	-
.527555E-3	.788574E+0	-.574646E+0				
429793700.	.895935E+0	-.423584E+0	-.895015E-3	-.876894E-3	-.917015E-3	-
.858409E-3	.785828E+0	-.575470E+0				
429918700.	.895508E+0	-.424561E+0	-.195508E-2	-.310747E-3	-.196767E-2	-
.261505E-3	.782196E+0	-.572662E+0				
430043600.	.893982E+0	-.425598E+0	-.181362E-2	.929387E-3	-.180206E-2	
.972087E-3	.785553E+0	-.567352E+0				
430168600.	.891663E+0	-.425659E+0	-.153816E-2	.102352E-2	-.151975E-2	
.107033E-2	.789795E+0	-.569946E+0				
430293600.	.890564E+0	-.422974E+0	-.178264E-2	.189241E-2	-.173060E-2	
.194324E-2	.789978E+0	-.572510E+0				
430418600.	.892883E+0	-.421814E+0	-.670010E-3	.274215E-2	-.608219E-3	
.275327E-2	.789429E+0	-.574707E+0				
430543600.	.894348E+0	-.423462E+0	.514018E-3	.239656E-2	.588461E-3	
.238791E-2	.788269E+0	-.576050E+0				
430668600.	.894226E+0	-.425598E+0	.759187E-3	.149945E-2	.791262E-3	
.148278E-2	.788025E+0	-.576843E+0				
430793600.	.893127E+0	-.427063E+0	.586605E-3	.120459E-2	.629318E-3	
.118591E-2	.787415E+0	-.578186E+0				
430918600.	.891541E+0	-.427795E+0	.520727E-3	.828866E-3	.532902E-3	
.817421E-3	.786377E+0	-.579651E+0				
431043600.	.890930E+0	-.428223E+0	-.694047E-4	.663824E-3	-.542131E-4	
.669012E-3	.785522E+0	-.580811E+0				
431168600.	.889771E+0	-.428589E+0	-.526192E-3	.131293E-2	-.484547E-3	
.132818E-2	.784668E+0	-.581970E+0				
431293600.	.890137E+0	-.429382E+0	.351014E-3	.149619E-2	.392130E-3	
.149024E-2	.784180E+0	-.583801E+0				
431418600.	.888733E+0	-.432312E+0	.204426E-3	.856638E-3	.223684E-3	
.850789E-3	.782654E+0	-.585754E+0				
431543600.	.886536E+0	-.434143E+0	-.172488E-3	.450265E-3	-.148505E-3	
.449018E-3	.781006E+0	-.587769E+0				
431668500.	.881165E+0	-.438904E+0	-.160690E-2	-.696356E-3	-.162912E-2	-
.670125E-3	.778931E+0	-.590027E+0				
431793500.	.862183E+0	-.431885E+0	-.767409E-2	.138554E-2	-.768104E-2	
.159001E-2	.775299E+0	-.591461E+0				
431918500.	.881592E+0	-.411499E+0	-.217911E-2	.101061E-1	-.193079E-2	
.101660E-1	.774750E+0	-.590851E+0				
432043500.	.887756E+0	-.424316E+0	.151652E-2	.779899E-2	.172095E-2	
.778027E-2	.773651E+0	-.593994E+0				
432168500.	.884827E+0	-.425964E+0	.185175E-2	.774097E-2	.205028E-2	
.770004E-2	.771179E+0	-.597534E+0				
432293500.	.886963E+0	-.432129E+0	.395540E-2	.935201E-2	.419192E-2	
.925343E-2	.767578E+0	-.601318E+0				
432418500.	.877319E+0	-.441040E+0	.102911E-1	.111488E-1	.106209E-1	
.109019E-1	.760742E+0	-.605347E+0				
432543500.	.869324E+0	-.416870E+0	.133506E-1	-.627541E-2	.131550E-1	-
.663884E-2	.757019E+0	-.598846E+0				
432668500.	.885559E+0	-.426880E+0	.248368E-2	-.191361E-2	.242799E-2	-
.196259E-2	.758331E+0	-.607697E+0				
432793500.	.882935E+0	-.435730E+0	.223107E-2	.889799E-3	.226076E-2	
.836708E-3	.751068E+0	-.615875E+0				
432918500.	.879639E+0	-.441223E+0	.795496E-4	.993453E-3	.876521E-4	
.990973E-3	.740814E+0	-.624695E+0				
433043500.	.870178E+0	-.448730E+0	-.866259E-2	.266781E-2	-.865456E-2	
.291284E-2	.716125E+0	-.635193E+0				

433168400.	.867737E+0	-.431702E+0	-.560400E-2	.443408E-1	-.427347E-2	
.445089E-1	.706390E+0	-.587341E+0				
433293400.	.874695E+0	-.454651E+0	.237132E-1	.337874E-1	.246269E-1	
.331158E-1	.723053E+0	-.630127E+0				
433418400.	.860474E+0	-.474182E+0	.361178E-1	.384284E-1	.371653E-1	
.374247E-1	.688202E+0	-.660400E+0				
433543400.	.827820E+0	-.501160E+0	.715170E-1	.560521E-1	.730660E-1	
.539658E-1	.621857E+0	-.694244E+0				
433668400.	.700195E+0	-.509766E+0	.231519E+0	.398391E-1	.231433E+0	
.328215E-1	.385437E+0	-.656433E+0				
433793400.	.781433E+0	-.256927E+0	.762667E-1	-.323202E+0	.690449E-1	-
.324287E+0	.643646E+0	-.233795E+0				
433918400.	.868958E+0	-.377502E+0	-.824454E-1	-.199079E+0	-.874461E-1	-
.197239E+0	.742615E+0	-.497681E+0				
434043400.	.809418E+0	-.456512E+0	-.164629E+0	-.177317E+0	-.168790E+0	-
.172372E+0	.546173E+0	-.549896E+0				
434168400.	.593170E+0	-.215332E+0	-.394676E+0	.149160E+0	-.390578E+0	
.157123E+0	.426926E+0	-.148651E+0				
434293400.	.922974E+0	-.235657E+0	.378134E-2	.138279E+0	.662346E-2	
.138484E+0	.886688E+0	-.289307E+0				
434418400.	.930237E+0	-.313843E+0	.164513E-1	.610309E-1	.178619E-1	
.608334E-1	.850342E+0	-.430542E+0				
434543400.	.926392E+0	-.342224E+0	.117687E-1	.264088E-1	.123430E-1	
.262497E-1	.860229E+0	-.398010E+0				
434668400.	.922363E+0	-.358459E+0	.947057E-2	.199043E-1	.995911E-2	
.197033E-1	.845215E+0	-.464722E+0				
434793300.	.919861E+0	-.368286E+0	.535488E-2	.114469E-1	.564063E-2	
.113279E-1	.850647E+0	-.472656E+0				
434918300.	.917725E+0	-.375671E+0	.369109E-2	.877708E-2	.390624E-2	
.869051E-2	.843079E+0	-.494385E+0				
435043300.	.915588E+0	-.381348E+0	.168969E-2	.548127E-2	.181632E-2	
.544198E-2	.832703E+0	-.509094E+0				
435168300.	.912903E+0	-.382507E+0	-.150033E-2	.126689E-1	-.112929E-2	
.127477E-1	.825806E+0	-.490295E+0				
435293300.	.913452E+0	-.387329E+0	.295238E-2	.743404E-2	.312761E-2	
.736399E-2	.833557E+0	-.511963E+0				
435418300.	.912231E+0	-.390503E+0	.241448E-2	.568924E-2	.255950E-2	
.564383E-2	.829041E+0	-.519775E+0				
435543300.	.911316E+0	-.392944E+0	.179411E-2	.471606E-2	.189327E-2	
.467591E-2	.824768E+0	-.524963E+0				
435668300.	.910767E+0	-.394653E+0	.152787E-2	.516706E-2	.166175E-2	
.513577E-2	.821716E+0	-.524963E+0				
435793300.	.909912E+0	-.396606E+0	.199213E-2	.433759E-2	.210613E-2	
.430257E-2	.821960E+0	-.529846E+0				
435918300.	.909363E+0	-.398193E+0	.198218E-2	.396718E-2	.207714E-2	
.392394E-2	.819702E+0	-.533875E+0				
436043300.	.908264E+0	-.399841E+0	.297996E-2	.391387E-2	.308307E-2	
.384169E-2	.814331E+0	-.536926E+0				
436168300.	.908264E+0	-.400269E+0	.143508E-2	.174125E-2	.146729E-2	
.171419E-2	.818054E+0	-.533997E+0				
436293200.	.907837E+0	-.401550E+0	.123574E-2	.224175E-2	.129651E-2	
.222455E-2	.816711E+0	-.538330E+0				
436418200.	.907410E+0	-.403076E+0	.120151E-2	.221362E-2	.125081E-2	
.220117E-2	.815002E+0	-.540344E+0				
436543200.	.906860E+0	-.403687E+0	.114054E-2	.212005E-2	.119396E-2	
.209729E-2	.813843E+0	-.542053E+0				

436668200.	.906555E+0	-.404602E+0	.105036E-2	.203565E-2	.110032E-2
.201849E-2	.812561E+0	-.543945E+0			
436793200.	.906067E+0	-.405457E+0	.986912E-3	.200160E-2	.103893E-2
.197794E-2	.811768E+0	-.545288E+0			
436918200.	.905884E+0	-.406189E+0	.963548E-3	.200462E-2	.101615E-2
.199313E-2	.810425E+0	-.546814E+0			
437043200.	.905396E+0	-.406921E+0	.999572E-3	.193689E-2	.105402E-2
.192465E-2	.809387E+0	-.547729E+0			
437168200.	.905273E+0	-.407837E+0	.100019E-2	.186022E-2	.104456E-2
.184552E-2	.808716E+0	-.548767E+0			
437293200.	.904724E+0	-.408447E+0	.921315E-3	.179470E-2	.979783E-3
.178115E-2	.807129E+0	-.549927E+0			
437418200.	.904358E+0	-.409119E+0	.898691E-3	.186188E-2	.938072E-3
.183766E-2	.806641E+0	-.549988E+0			
437543200.	.904053E+0	-.409912E+0	.937726E-3	.184880E-2	.975749E-3
.184756E-2	.806213E+0	-.551025E+0			
437668200.	.903687E+0	-.410522E+0	.959835E-3	.183847E-2	.994753E-3
.181981E-2	.805359E+0	-.552063E+0			
437793200.	.903259E+0	-.411255E+0	.965983E-3	.183103E-2	.101228E-2
.180798E-2	.804382E+0	-.552917E+0			
437918100.	.902893E+0	-.412048E+0	.944195E-3	.182151E-2	.993718E-3
.179286E-2	.803772E+0	-.553955E+0			
438043100.	.902588E+0	-.412720E+0	.878552E-3	.184743E-2	.916313E-3
.182334E-2	.802917E+0	-.554626E+0			
438168100.	.901917E+0	-.413574E+0	.832048E-3	.189413E-2	.869198E-3
.187634E-2	.802124E+0	-.555481E+0			
438293100.	.901245E+0	-.414307E+0	.649235E-3	.192205E-2	.716569E-3
.191020E-2	.801208E+0	-.556335E+0			
438418100.	.899658E+0	-.415222E+0	.179873E-3	.207222E-2	.236645E-3
.206698E-2	.799500E+0	-.557190E+0			
438543100.	.897217E+0	-.414917E+0	-.893249E-3	.298564E-2	-.810501E-3
.301496E-2	.797546E+0	-.557678E+0			
438668100.	.897949E+0	-.413269E+0	-.740909E-3	.611346E-2	-.572906E-3
.615657E-2	.796021E+0	-.557556E+0			
438793100.	.897095E+0	-.414917E+0	.199804E-2	.876619E-2	.223216E-2
.873669E-2	.796021E+0	-.558289E+0			
438918100.	.894531E+0	-.414490E+0	.756168E-2	.101220E-1	.785529E-2
.993579E-2	.791565E+0	-.562012E+0			
439043100.	.891968E+0	-.412109E+0	.152164E-1	.608757E-2	.154045E-1
.566961E-2	.780029E+0	-.558899E+0			
439168100.	.893250E+0	-.405945E+0	.155867E-1	-.664375E-2	.153892E-1
.707992E-2	.779358E+0	-.539001E+0			-
439293100.	.899231E+0	-.406006E+0	.560120E-2	-.951933E-2	.532681E-2
.967271E-2	.796265E+0	-.536011E+0			-
439418000.	.901123E+0	-.408752E+0	.150298E-2	-.625473E-2	.133805E-2
.629504E-2	.802368E+0	-.543213E+0			-
439543000.	.901245E+0	-.410828E+0	.869519E-3	-.392088E-2	.759645E-3
.393813E-2	.802673E+0	-.548950E+0			-
439668000.	.900757E+0	-.412354E+0	.118679E-2	-.274374E-2	.110560E-2
.276517E-2	.798950E+0	-.552246E+0			-
439793000.	.900208E+0	-.413818E+0	.152159E-2	-.264712E-2	.144560E-2
.267769E-2	.797363E+0	-.548157E+0			-
439918000.	.899292E+0	-.414856E+0	.148384E-2	-.246667E-2	.142049E-2
.250891E-2	.800598E+0	-.548279E+0			-
440043000.	.897644E+0	-.415833E+0	.179572E-2	-.244311E-2	.174136E-2
.249215E-2	.801575E+0	-.549988E+0			-

440168000.	.894775E+0	-.416443E+0	.247973E-2	-.299253E-2	.240823E-2	-
.306040E-2	.801758E+0	-.550842E+0				
440293000.	.891113E+0	-.411865E+0	.231802E-2	-.543925E-2	.217737E-2	-
.550994E-2	.802612E+0	-.551208E+0				
440418000.	.895752E+0	-.406677E+0	-.124650E-2	-.611181E-2	-.140940E-2	-
.608208E-2	.803650E+0	-.553345E+0				
440543000.	.899597E+0	-.409485E+0	-.269096E-2	-.428042E-2	-.280696E-2	-
.419844E-2	.803040E+0	-.555115E+0				
440668000.	.899536E+0	-.411865E+0	-.322169E-2	-.321292E-2	-.330670E-2	-
.313281E-2	.802002E+0	-.556274E+0				
440793000.	.898254E+0	-.413269E+0	-.408488E-2	-.221142E-2	-.414732E-2	-
.210818E-2	.800964E+0	-.556763E+0				
440918000.	.896362E+0	-.411682E+0	-.470144E-2	.251535E-3	-.468972E-2	
.378742E-3	.800659E+0	-.555786E+0				
441042900.	.898560E+0	-.409607E+0	-.230626E-2	.214593E-2	-.224528E-2	
.220763E-2	.801697E+0	-.556152E+0				
441167900.	.900574E+0	-.410950E+0	-.804563E-3	.139794E-2	-.768534E-3	
.140244E-2	.802063E+0	-.557434E+0				
441292900.	.900574E+0	-.412231E+0	-.414080E-3	.984833E-3	-.384460E-3	
.994454E-3	.801758E+0	-.558655E+0				
441417900.	.900696E+0	-.412659E+0	-.119601E-3	.681004E-3	-.973274E-4	
.686744E-3	.801392E+0	-.559570E+0				
441542900.	.900635E+0	-.413696E+0	.758854E-4	.420634E-3	.810123E-4	
.414809E-3	.800903E+0	-.559937E+0				
441667900.	.900635E+0	-.414307E+0	.154305E-3	.129459E-3	.145107E-3	
.125663E-3	.800415E+0	-.560791E+0				
441792900.	.900330E+0	-.415039E+0	.114995E-3	-.669266E-4	.108612E-3	-
.785048E-4	.800110E+0	-.561218E+0				
441917900.	.899963E+0	-.415405E+0	.501599E-4	-.205898E-3	.468976E-4	-
.211405E-3	.799622E+0	-.561646E+0				
442042900.	.899292E+0	-.415649E+0	-.431390E-4	-.370979E-3	-.593907E-4	-
.373003E-3	.799194E+0	-.562134E+0				
442167900.	.898926E+0	-.415405E+0	-.282179E-3	-.453918E-3	-.291259E-3	-
.448433E-3	.798828E+0	-.562622E+0				
442292900.	.898926E+0	-.415649E+0	-.467393E-3	-.313594E-3	-.475708E-3	-
.294646E-3	.798340E+0	-.563171E+0				
442417900.	.898560E+0	-.415588E+0	-.457802E-3	-.243178E-3	-.477375E-3	-
.229537E-3	.797729E+0	-.563477E+0				
442542800.	.898804E+0	-.414795E+0	-.551336E-3	-.254625E-3	-.564345E-3	-
.228726E-3	.796875E+0	-.563660E+0				
442667800.	.899475E+0	-.415344E+0	-.735959E-3	-.151615E-3	-.747998E-3	-
.133049E-3	.795898E+0	-.563599E+0				
442792800.	.899597E+0	-.416138E+0	-.848056E-3	.136572E-3	-.852487E-3	
.156557E-3	.795532E+0	-.562439E+0				
442917800.	.899292E+0	-.416748E+0	-.650836E-3	.324273E-3	-.640323E-3	
.342147E-3	.796631E+0	-.562500E+0				
443042800.	.898682E+0	-.416809E+0	-.676120E-3	.302023E-3	-.660347E-3	
.327328E-3	.796997E+0	-.563293E+0				
443167800.	.898743E+0	-.416138E+0	-.688191E-3	.585503E-3	-.681531E-3	
.603134E-3	.796509E+0	-.564087E+0				
443292800.	.899292E+0	-.416321E+0	-.496241E-3	.786969E-3	-.482084E-3	
.803811E-3	.795288E+0	-.564758E+0				
443417800.	.899719E+0	-.416687E+0	-.219326E-3	.917140E-3	-.180371E-3	
.919559E-3	.794189E+0	-.563660E+0				
443542800.	.899658E+0	-.417236E+0	.140236E-3	.764789E-3	.165356E-3	
.763340E-3	.795166E+0	-.562012E+0				

443667800.	.899658E+0	-.417725E+0	.184423E-3	.510158E-3	.200857E-3
.503651E-3	.796387E+0	-.562683E+0			
443792800.	.899475E+0	-.418030E+0	.133152E-3	.438943E-3	.160755E-3
.439153E-3	.796692E+0	-.563477E+0			
443917800.	.899292E+0	-.418640E+0	.182852E-3	.353429E-3	.200199E-3
.361517E-3	.796692E+0	-.564087E+0			
444042800.	.899048E+0	-.418884E+0	.155162E-3	.252853E-3	.155578E-3
.244044E-3	.796692E+0	-.564697E+0			
444167700.	.898438E+0	-.419128E+0	.562205E-4	.198565E-3	.631276E-4
.206935E-3	.796021E+0	-.565430E+0			
444292700.	.897888E+0	-.418884E+0	-.128683E-4	.254505E-3	-.152131E-5
.253568E-3	.795959E+0	-.565369E+0			
444417700.	.897827E+0	-.417908E+0	.514828E-5	.304461E-3	.107583E-4
.309288E-3	.795593E+0	-.565796E+0			
444542700.	.898682E+0	-.417969E+0	-.140383E-5	.332112E-3	.667857E-5
.322188E-3	.795288E+0	-.566040E+0			
444667700.	.898987E+0	-.418518E+0	-.123238E-4	.362836E-3	-.933155E-5
.370850E-3	.794983E+0	-.565796E+0			
444792700.	.898987E+0	-.419189E+0	.675760E-4	.475884E-3	.712402E-4
.475349E-3	.795166E+0	-.565796E+0			
444917700.	.898621E+0	-.419373E+0	.223312E-3	.458572E-3	.237378E-3
.460050E-3	.795471E+0	-.566284E+0			
445042700.	.898438E+0	-.419556E+0	.325980E-3	.318011E-3	.329139E-3
.307032E-3	.795532E+0	-.566956E+0			
445167700.	.898682E+0	-.419495E+0	.258721E-3	.160841E-3	.259774E-3
.159921E-3	.794983E+0	-.567322E+0			
445292700.	.898499E+0	-.419739E+0	.150507E-3	.138075E-3	.162087E-3
.138885E-3	.794861E+0	-.567688E+0			
445417700.	.898682E+0	-.420349E+0	.113699E-3	.205317E-3	.118223E-3
.205075E-3	.795105E+0	-.567749E+0			
445542700.	.898560E+0	-.420532E+0	.163133E-3	.234506E-3	.171533E-3
.227309E-3	.795044E+0	-.568054E+0			
445667600.	.898438E+0	-.420898E+0	.208700E-3	.166776E-3	.211022E-3
.170846E-3	.794678E+0	-.568542E+0			
445792600.	.898315E+0	-.420959E+0	.164117E-3	.121120E-3	.153402E-3
.111349E-3	.794617E+0	-.568970E+0			
445917600.	.898132E+0	-.421082E+0	.121409E-3	.126324E-3	.121637E-3
.122603E-3	.794312E+0	-.569397E+0			
446042600.	.898071E+0	-.421448E+0	.722487E-4	.136542E-3	.828283E-4
.132543E-3	.793823E+0	-.569702E+0			
446167600.	.897888E+0	-.421509E+0	.717846E-4	.166395E-3	.798723E-4
.156653E-3	.793762E+0	-.570129E+0			
446292600.	.897888E+0	-.421570E+0	.683352E-4	.166612E-3	.700569E-4
.163708E-3	.793396E+0	-.570068E+0			
446417600.	.897827E+0	-.421997E+0	.685668E-4	.164772E-3	.680885E-4
.170328E-3	.793335E+0	-.570251E+0			
446542600.	.897644E+0	-.422058E+0	.577307E-4	.171605E-3	.636336E-4
.172306E-3	.792847E+0	-.570313E+0			
446667600.	.897522E+0	-.422607E+0	.454609E-4	.189358E-3	.387405E-4
.193726E-3	.792480E+0	-.570679E+0			
446792600.	.897339E+0	-.422485E+0	.573117E-4	.216725E-3	.581021E-4
.210736E-3	.792480E+0	-.570618E+0			
446917600.	.897034E+0	-.422424E+0	.599261E-4	.204766E-3	.656920E-4
.203595E-3	.792053E+0	-.571106E+0			
447042600.	.897217E+0	-.422180E+0	.419670E-4	.216848E-3	.540471E-4
.221330E-3	.791809E+0	-.571289E+0			

447167600.	.897522E+0	-.422546E+0	.294768E-4	.249339E-3	.328999E-4
.254320E-3	.791443E+0	-.571289E+0			
447292500.	.897217E+0	-.422791E+0	.343273E-4	.306865E-3	.365030E-4
.311689E-3	.790955E+0	-.571167E+0			
447417500.	.897278E+0	-.423279E+0	.103860E-3	.381363E-3	.118569E-3
.370757E-3	.790894E+0	-.570496E+0			
447542500.	.897156E+0	-.423279E+0	.218273E-3	.355510E-3	.229389E-3
.358153E-3	.791443E+0	-.570862E+0			
447667500.	.896851E+0	-.423218E+0	.276018E-3	.271242E-3	.291523E-3
.262165E-3	.791687E+0	-.571228E+0			
447792500.	.896851E+0	-.423401E+0	.269749E-3	.178688E-3	.275133E-3
.170835E-3	.791382E+0	-.571289E+0			
447917500.	.897034E+0	-.423462E+0	.217421E-3	.142008E-3	.232526E-3
.144407E-3	.791260E+0	-.571716E+0			
448042500.	.896912E+0	-.423767E+0	.199580E-3	.130627E-3	.213031E-3
.131381E-3	.791077E+0	-.571899E+0			
448167500.	.896606E+0	-.423828E+0	.176949E-3	.123129E-3	.188723E-3
.124700E-3	.791138E+0	-.572083E+0			
448292500.	.896851E+0	-.423889E+0	.161568E-3	.970009E-4	.169849E-3
.828051E-4	.790955E+0	-.572205E+0			
448417500.	.896667E+0	-.424133E+0	.117853E-3	.777514E-4	.117130E-3
.852283E-4	.791138E+0	-.572632E+0			
448542500.	.896606E+0	-.424377E+0	.901010E-4	.112593E-3	.866888E-4
.109918E-3	.790771E+0	-.573120E+0			
448667500.	.896362E+0	-.424622E+0	.756812E-4	.150531E-3	.768365E-4
.149350E-3	.790466E+0	-.572754E+0			
448792400.	.896423E+0	-.424683E+0	.809267E-4	.177609E-3	.788569E-4
.165617E-3	.790771E+0	-.573059E+0			
448917400.	.895996E+0	-.424622E+0	.101978E-3	.190147E-3	.105662E-3
.197711E-3	.790344E+0	-.573486E+0			
449042400.	.896240E+0	-.424438E+0	.131558E-3	.185761E-3	.140766E-3
.177713E-3	.790283E+0	-.573608E+0			
449167400.	.896423E+0	-.424683E+0	.141678E-3	.142531E-3	.144869E-3
.142936E-3	.789917E+0	-.573792E+0			
449292400.	.896362E+0	-.424988E+0	.120476E-3	.128517E-3	.132611E-3
.125183E-3	.790039E+0	-.573792E+0			
449417400.	.896362E+0	-.425293E+0	.981494E-4	.127263E-3	.992640E-4
.122001E-3	.790039E+0	-.574097E+0			
449542400.	.896301E+0	-.425354E+0	.730208E-4	.135422E-3	.843928E-4
.139332E-3	.789795E+0	-.574280E+0			
449667400.	.895935E+0	-.425476E+0	.773136E-4	.158284E-3	.845530E-4
.156349E-3	.789795E+0	-.574707E+0			
449792400.	.896179E+0	-.425720E+0	.863460E-4	.159418E-3	.937502E-4
.158723E-3	.789734E+0	-.574768E+0			
449917400.	.895874E+0	-.425964E+0	.744161E-4	.167479E-3	.867354E-4
.156802E-3	.789612E+0	-.575073E+0			
450042400.	.895996E+0	-.425964E+0	.737397E-4	.177135E-3	.750811E-4
.174330E-3	.789429E+0	-.575256E+0			
450167400.	.895691E+0	-.426208E+0	.838674E-4	.190497E-3	.805344E-4
.184322E-3	.789063E+0	-.575623E+0			
450292400.	.895752E+0	-.426453E+0	.837650E-4	.207285E-3	.939171E-4
.195118E-3	.788940E+0	-.575623E+0			
450417300.	.895813E+0	-.426514E+0	.110584E-3	.205102E-3	.122023E-3
.194835E-3	.788818E+0	-.575928E+0			
450542300.	.895691E+0	-.426819E+0	.118802E-3	.193807E-3	.113895E-3
.187506E-3	.788818E+0	-.576050E+0			

450667300.	.895630E+0	-.426880E+0	.121201E-3	.181805E-3	.119292E-3
.182126E-3	.788635E+0	-.576233E+0			
450792300.	.895508E+0	-.426880E+0	.109748E-3	.177960E-3	.123033E-3
.183671E-3	.788391E+0	-.576660E+0			
450917300.	.895508E+0	-.427185E+0	.124587E-3	.176044E-3	.121262E-3
.172753E-3	.788025E+0	-.576782E+0			
451042300.	.895386E+0	-.427307E+0	.115762E-3	.178192E-3	.119661E-3
.170535E-3	.788025E+0	-.576660E+0			
451167300.	.895325E+0	-.427307E+0	.124115E-3	.179708E-3	.118016E-3
.168166E-3	.787842E+0	-.577087E+0			
451292300.	.895203E+0	-.427795E+0	.126339E-3	.159901E-3	.136128E-3
.160801E-3	.787354E+0	-.577148E+0			
451417300.	.895203E+0	-.427734E+0	.111587E-3	.157572E-3	.109069E-3
.151812E-3	.787537E+0	-.577026E+0			
451542300.	.894958E+0	-.427734E+0	.115462E-3	.156383E-3	.113199E-3
.149922E-3	.787476E+0	-.577332E+0			
451667300.	.894958E+0	-.427856E+0	.114317E-3	.134441E-3	.127281E-3
.130827E-3	.787292E+0	-.577515E+0			
451792300.	.894897E+0	-.428040E+0	.106036E-3	.102797E-3	.948309E-4
.110277E-3	.787048E+0	-.577454E+0			
451917200.	.894714E+0	-.428162E+0	.461773E-4	.117911E-3	.604496E-4
.107228E-3	.786865E+0	-.577820E+0			
452042200.	.895142E+0	-.428528E+0	.264237E-4	.153903E-3	.423534E-4
.161361E-3	.786743E+0	-.577820E+0			
452167200.	.894775E+0	-.428528E+0	.417026E-4	.182392E-3	.601046E-4
.180945E-3	.786682E+0	-.577942E+0			
452292200.	.894470E+0	-.428772E+0	.634898E-4	.187834E-3	.758973E-4
.184333E-3	.786682E+0	-.578003E+0			
452417200.	.894653E+0	-.428772E+0	.754254E-4	.200193E-3	.736887E-4
.204451E-3	.786926E+0	-.578308E+0			
452542200.	.894531E+0	-.428955E+0	.727680E-4	.206654E-3	.847504E-4
.203428E-3	.786560E+0	-.578674E+0			
452667200.	.894592E+0	-.429016E+0	.878630E-4	.203511E-3	.924091E-4
.199520E-3	.786316E+0	-.578796E+0			
452792200.	.894348E+0	-.429138E+0	.964366E-4	.195302E-3	.989194E-4
.190339E-3	.786255E+0	-.578857E+0			
452917200.	.894226E+0	-.429199E+0	.967197E-4	.191791E-3	.113480E-3
.187297E-3	.786133E+0	-.579041E+0			
453042200.	.894287E+0	-.429260E+0	.981961E-4	.193437E-3	.102248E-3
.184535E-3	.786072E+0	-.579346E+0			
453167200.	.894165E+0	-.429382E+0	.882269E-4	.190592E-3	.932305E-4
.184215E-3	.785767E+0	-.579285E+0			
453292200.	.893860E+0	-.429749E+0	.916839E-4	.187801E-3	.996466E-4
.184771E-3	.785583E+0	-.579529E+0			
453417200.	.894287E+0	-.429871E+0	.758819E-4	.190918E-3	.922835E-4
.184070E-3	.785522E+0	-.579773E+0			
453542100.	.893860E+0	-.429932E+0	.742701E-4	.200728E-3	.833862E-4
.187357E-3	.785400E+0	-.579895E+0			
453667100.	.893738E+0	-.429993E+0	.726128E-4	.209121E-3	.882526E-4
.208384E-3	.785522E+0	-.580078E+0			
453792100.	.893799E+0	-.429993E+0	.916453E-4	.224666E-3	.100790E-3
.217848E-3	.785400E+0	-.580383E+0			
453917100.	.893738E+0	-.429993E+0	.121774E-3	.218665E-3	.123688E-3
.222799E-3	.785278E+0	-.580322E+0			
454042100.	.893860E+0	-.430359E+0	.117419E-3	.220525E-3	.125137E-3
.208391E-3	.785095E+0	-.580566E+0			

454167100.	.893677E+0	-.430359E+0	.128296E-3	.212028E-3	.138316E-3
.200153E-3	.784851E+0	-.580811E+0			
454292100.	.893677E+0	-.430664E+0	.131415E-3	.194073E-3	.130997E-3
.192833E-3	.784790E+0	-.581055E+0			
454417100.	.893616E+0	-.430908E+0	.133055E-3	.201861E-3	.135042E-3
.188994E-3	.784729E+0	-.581360E+0			
454542100.	.893555E+0	-.431152E+0	.124632E-3	.202372E-3	.143613E-3
.184295E-3	.784668E+0	-.581421E+0			
454667100.	.893616E+0	-.431213E+0	.127809E-3	.190716E-3	.143273E-3
.182302E-3	.784668E+0	-.581604E+0			
454792100.	.893494E+0	-.431274E+0	.132686E-3	.179814E-3	.135276E-3
.179391E-3	.784485E+0	-.581787E+0			
454917100.	.893372E+0	-.431396E+0	.121174E-3	.177006E-3	.129197E-3
.181599E-3	.784424E+0	-.581848E+0			
455042000.	.893311E+0	-.431458E+0	.124803E-3	.173636E-3	.130105E-3
.169700E-3	.784119E+0	-.582153E+0			
455167000.	.893250E+0	-.431580E+0	.117416E-3	.179290E-3	.133361E-3
.177189E-3	.783936E+0	-.582336E+0			
455292000.	.893188E+0	-.431946E+0	.134299E-3	.164179E-3	.125001E-3
.167599E-3	.783936E+0	-.582336E+0			
455417000.	.893188E+0	-.431946E+0	.122780E-3	.154323E-3	.130861E-3
.153356E-3	.783569E+0	-.582642E+0			
455542000.	.893066E+0	-.432068E+0	.111446E-3	.155444E-3	.113945E-3
.150632E-3	.783447E+0	-.582703E+0			
455667000.	.893005E+0	-.432190E+0	.964491E-4	.154867E-3	.102832E-3
.156205E-3	.783447E+0	-.582947E+0			
455792000.	.893127E+0	-.432129E+0	.852770E-4	.178505E-3	.993069E-4
.178165E-3	.783325E+0	-.583313E+0			
455917000.	.892761E+0	-.432373E+0	.951188E-4	.177751E-3	.996421E-4
.167418E-3	.783081E+0	-.583313E+0			
456042000.	.892944E+0	-.432434E+0	.899461E-4	.176098E-3	.957530E-4
.164680E-3	.783020E+0	-.583374E+0			
456167000.	.892761E+0	-.432739E+0	.871177E-4	.186161E-3	.868568E-4
.178237E-3	.782898E+0	-.583557E+0			
456292000.	.892700E+0	-.432861E+0	.886326E-4	.207780E-3	.903269E-4
.203962E-3	.782654E+0	-.583679E+0			
456417000.	.892639E+0	-.432983E+0	.102442E-3	.222733E-3	.103790E-3
.216196E-3	.782776E+0	-.583801E+0			
456542000.	.892700E+0	-.432922E+0	.136694E-3	.211816E-3	.137504E-3
.204037E-3	.782532E+0	-.584106E+0			
456666900.	.892456E+0	-.433228E+0	.125270E-3	.196974E-3	.138877E-3
.182814E-3	.782532E+0	-.584290E+0			
456791900.	.892395E+0	-.433411E+0	.120397E-3	.190057E-3	.128207E-3
.187842E-3	.782288E+0	-.584534E+0			
456916900.	.892273E+0	-.433594E+0	.124329E-3	.187994E-3	.123040E-3
.184265E-3	.782104E+0	-.584717E+0			
457041900.	.892151E+0	-.433655E+0	.134325E-3	.176459E-3	.140619E-3
.180694E-3	.782043E+0	-.584778E+0			
457166900.	.892273E+0	-.433777E+0	.125161E-3	.169242E-3	.114189E-3
.162855E-3	.781738E+0	-.584839E+0			
457291900.	.892029E+0	-.433838E+0	.105587E-3	.183084E-3	.107148E-3
.165982E-3	.781799E+0	-.584656E+0			
457416900.	.892151E+0	-.434082E+0	.103690E-3	.205875E-3	.107411E-3
.188139E-3	.781555E+0	-.584961E+0			
457541900.	.891785E+0	-.434143E+0	.126305E-3	.206918E-3	.128120E-3
.208116E-3	.781921E+0	-.585022E+0			

457666900.	.891724E+0	-.434326E+0	.152212E-3	.159775E-3	.154676E-3
.149460E-3	.781616E+0	-.585327E+0			
457791900.	.891846E+0	-.434570E+0	.124007E-3	.194931E-3	.132102E-3
.194245E-3	.781616E+0	-.585571E+0			
457916900.	.891846E+0	-.434509E+0	.138352E-3	.222117E-3	.151190E-3
.200309E-3	.781372E+0	-.585693E+0			
458041900.	.891602E+0	-.434692E+0	.197783E-3	.182267E-3	.198587E-3
.197668E-3	.781128E+0	-.586060E+0			
458166800.	.891541E+0	-.434814E+0	.121635E-3	.139511E-3	.145314E-3
.126085E-3	.781128E+0	-.585815E+0			
458291800.	.891296E+0	-.434937E+0	.138109E-3	.178886E-3	.135506E-3
.167909E-3	.781006E+0	-.585876E+0			
458416800.	.891418E+0	-.434937E+0	.115810E-3	.194779E-3	.128369E-3
.186247E-3	.780884E+0	-.586304E+0			
458541800.	.891357E+0	-.435120E+0	.188385E-3	.156548E-3	.197408E-3
.141644E-3	.780823E+0	-.586365E+0			
458666800.	.891296E+0	-.435181E+0	.127161E-3	.131401E-3	.132082E-3
.119426E-3	.780762E+0	-.586609E+0			
458791800.	.891113E+0	-.435303E+0	.123857E-3	.129497E-3	.133683E-3
.120294E-3	.780518E+0	-.586853E+0			
458916800.	.891113E+0	-.435364E+0	.119111E-3	.139934E-3	.128432E-3
.140457E-3	.780457E+0	-.587097E+0			