

S-Parameter Narrow
RF1211D 03/09/04

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HZ S R I R 50

312500000.	.908997E+0	-.380066E+0	.461425E-2	-.484121E-2	.451256E-2	-
.489336E-2	.918152E+0	-.360046E+0				
312512500.	.909363E+0	-.379883E+0	.429717E-2	-.499158E-2	.420477E-2	-
.504273E-2	.918579E+0	-.360107E+0				
312525000.	.909668E+0	-.379639E+0	.396110E-2	-.514765E-2	.386266E-2	-
.518563E-2	.918823E+0	-.360229E+0				
312537500.	.910156E+0	-.379150E+0	.359264E-2	-.525260E-2	.349129E-2	-
.529828E-2	.919067E+0	-.360474E+0				
312550000.	.911011E+0	-.378967E+0	.320246E-2	-.534298E-2	.310993E-2	-
.536669E-2	.919189E+0	-.360596E+0				
312562600.	.911560E+0	-.379028E+0	.277368E-2	-.536116E-2	.270229E-2	-
.539598E-2	.919250E+0	-.360718E+0				
312575100.	.912292E+0	-.378967E+0	.239252E-2	-.533741E-2	.229449E-2	-
.536172E-2	.919373E+0	-.360962E+0				
312587600.	.913025E+0	-.379150E+0	.199986E-2	-.526121E-2	.190866E-2	-
.526410E-2	.919617E+0	-.361206E+0				
312600100.	.913757E+0	-.379272E+0	.165367E-2	-.513710E-2	.156585E-2	-
.513545E-2	.919678E+0	-.361572E+0				
312612600.	.914185E+0	-.379700E+0	.133179E-2	-.496894E-2	.126203E-2	-
.496925E-2	.919922E+0	-.361633E+0				
312625100.	.914673E+0	-.380127E+0	.107329E-2	-.480409E-2	.980902E-3	-
.479451E-2	.919861E+0	-.361816E+0				
312637600.	.915039E+0	-.380432E+0	.816356E-3	-.460044E-2	.752538E-3	-
.460492E-2	.919983E+0	-.362183E+0				
312650100.	.915283E+0	-.380981E+0	.619297E-3	-.441964E-2	.541554E-3	-
.440564E-2	.919983E+0	-.362183E+0				
312662700.	.915771E+0	-.381531E+0	.452257E-3	-.421176E-2	.380992E-3	-
.419972E-2	.919922E+0	-.362671E+0				
312675200.	.916138E+0	-.381897E+0	.313507E-3	-.402204E-2	.249061E-3	-
.400931E-2	.920105E+0	-.362854E+0				
312687700.	.916016E+0	-.382446E+0	.189235E-3	-.382536E-2	.112433E-3	-
.381634E-2	.920227E+0	-.362976E+0				
312700200.	.916382E+0	-.382690E+0	.859403E-4	-.364253E-2	.186136E-4	-
.364022E-2	.920166E+0	-.363159E+0				
312712700.	.916565E+0	-.383423E+0	.108678E-4	-.346532E-2	-.421369E-4	-
.345264E-2	.920288E+0	-.363586E+0				
312725200.	.916565E+0	-.383606E+0	-.761133E-4	-.330240E-2	-.111951E-3	-
.328285E-2	.920166E+0	-.363892E+0				
312737700.	.916626E+0	-.384216E+0	-.122549E-3	-.312452E-2	-.167493E-3	-
.311470E-2	.920227E+0	-.363831E+0				
312750200.	.916565E+0	-.384705E+0	-.165148E-3	-.298014E-2	-.201342E-3	-
.296650E-2	.920227E+0	-.364136E+0				
312762800.	.916687E+0	-.384766E+0	-.197649E-3	-.282929E-2	-.228392E-3	-
.280657E-2	.919983E+0	-.364441E+0				
312775300.	.916382E+0	-.385254E+0	-.215685E-3	-.269127E-2	-.246302E-3	-
.267648E-2	.919983E+0	-.364563E+0				
312787800.	.916565E+0	-.385681E+0	-.231981E-3	-.254175E-2	-.263041E-3	-
.253930E-2	.920044E+0	-.364746E+0				
312800300.	.916382E+0	-.385864E+0	-.234202E-3	-.242880E-2	-.262003E-3	-
.241056E-2	.919800E+0	-.364929E+0				
312812800.	.916382E+0	-.386414E+0	-.228229E-3	-.229797E-2	-.273223E-3	-
.228575E-2	.919922E+0	-.364990E+0				

312825300.	.916138E+0	-.386597E+0	-.231501E-3	-.218113E-2	-.251381E-3	-
.216951E-2	.919739E+0	-.365295E+0				
312837800.	.916260E+0	-.387146E+0	-.215433E-3	-.206460E-2	-.253691E-3	-
.205227E-2	.919678E+0	-.365417E+0				
312850300.	.916138E+0	-.387634E+0	-.200559E-3	-.195695E-2	-.242819E-3	-
.194148E-2	.919495E+0	-.365540E+0				
312862800.	.916016E+0	-.387878E+0	-.185982E-3	-.183944E-2	-.200337E-3	-
.184086E-2	.919495E+0	-.365906E+0				
312875400.	.915771E+0	-.387878E+0	-.177521E-3	-.174743E-2	-.194512E-3	-
.174205E-2	.919373E+0	-.365967E+0				
312887900.	.915894E+0	-.388428E+0	-.146831E-3	-.164979E-2	-.177268E-3	-
.164979E-2	.919495E+0	-.366394E+0				
312900400.	.915710E+0	-.388977E+0	-.115492E-3	-.155270E-2	-.149180E-3	-
.153721E-2	.919312E+0	-.366455E+0				
312912900.	.915344E+0	-.389038E+0	-.823818E-4	-.144557E-2	-.108977E-3	-
.144120E-2	.919128E+0	-.366516E+0				
312925400.	.915283E+0	-.389587E+0	-.550639E-4	-.134535E-2	-.811378E-4	-
.134312E-2	.919189E+0	-.366760E+0				
312937900.	.915222E+0	-.389893E+0	-.148536E-4	-.125206E-2	-.410566E-4	-
.123358E-2	.919189E+0	-.366821E+0				
312950400.	.915100E+0	-.390198E+0	.212299E-4	-.113221E-2	-.170498E-5	-
.113675E-2	.919067E+0	-.367004E+0				
312962900.	.914612E+0	-.390808E+0	.705542E-4	-.103120E-2	.460020E-4	-
.102632E-2	.918823E+0	-.367371E+0				
312975500.	.914612E+0	-.391113E+0	.125189E-3	-.923169E-3	.118034E-3	-
.901780E-3	.919006E+0	-.367493E+0				
312988000.	.914551E+0	-.391724E+0	.182151E-3	-.797161E-3	.171794E-3	-
.799645E-3	.918945E+0	-.367981E+0				
313000500.	.914001E+0	-.392212E+0	.254077E-3	-.663515E-3	.245678E-3	-
.666500E-3	.918579E+0	-.367798E+0				
313013000.	.913635E+0	-.392578E+0	.345261E-3	-.511268E-3	.347242E-3	-
.521723E-3	.918640E+0	-.368225E+0				
313025500.	.913208E+0	-.393127E+0	.451047E-3	-.356000E-3	.434201E-3	-
.373204E-3	.918396E+0	-.368347E+0				
313038000.	.913086E+0	-.393799E+0	.582180E-3	-.203284E-3	.575583E-3	-
.198760E-3	.918152E+0	-.368713E+0				
313050500.	.912537E+0	-.394714E+0	.743173E-3	-.317068E-5	.731505E-3	-
.100120E-4	.918213E+0	-.368713E+0				
313063000.	.911621E+0	-.395325E+0	.940724E-3	.210607E-3	.925183E-3	
.195187E-3	.918152E+0	-.369019E+0				
313075600.	.910828E+0	-.396118E+0	.119119E-2	.432177E-3	.118853E-2	
.420218E-3	.917847E+0	-.369202E+0				
313088100.	.909851E+0	-.396973E+0	.151359E-2	.705988E-3	.151933E-2	
.670687E-3	.917847E+0	-.369385E+0				
313100600.	.908325E+0	-.398071E+0	.195702E-2	.991529E-3	.196790E-2	
.969754E-3	.917542E+0	-.369812E+0				
313113100.	.906128E+0	-.399170E+0	.258317E-2	.130949E-2	.259873E-2	
.126053E-2	.917114E+0	-.369812E+0				
313125600.	.903442E+0	-.400269E+0	.350448E-2	.159384E-2	.351533E-2	
.154199E-2	.916809E+0	-.370361E+0				
313138100.	.898987E+0	-.400818E+0	.486887E-2	.173126E-2	.488715E-2	
.164291E-2	.916504E+0	-.370544E+0				
313150600.	.892578E+0	-.399353E+0	.687920E-2	.125335E-2	.688094E-2	
.115220E-2	.915588E+0	-.370422E+0				
313163100.	.885376E+0	-.393188E+0	.921941E-2	-.794166E-3	.917223E-2	-
.940495E-3	.914795E+0	-.369812E+0				

313175600.	.883057E+0	-.380310E+0	.988085E-2	-.494114E-2	.977346E-2	-
.508075E-2	.914612E+0	-.368530E+0				
313188200.	.891785E+0	-.369446E+0	.716862E-2	-.840903E-2	.701805E-2	-
.850294E-2	.915588E+0	-.367798E+0				
313200700.	.902100E+0	-.367981E+0	.375640E-2	-.896315E-2	.360813E-2	-
.898860E-2	.916565E+0	-.367859E+0				
313213200.	.908936E+0	-.370911E+0	.159675E-2	-.806477E-2	.146097E-2	-
.806983E-2	.917114E+0	-.368713E+0				
313225700.	.912048E+0	-.374512E+0	.481175E-3	-.698375E-2	.371674E-3	-
.695584E-2	.917297E+0	-.369019E+0				
313238200.	.913696E+0	-.377625E+0	-.553800E-4	-.606176E-2	-.163385E-3	-
.605028E-2	.917297E+0	-.369568E+0				
313250700.	.914185E+0	-.379883E+0	-.316848E-3	-.532335E-2	-.402907E-3	-
.530432E-2	.917542E+0	-.369995E+0				
313263200.	.914734E+0	-.381836E+0	-.429340E-3	-.473985E-2	-.495184E-3	-
.472375E-2	.917419E+0	-.370422E+0				
313275700.	.914429E+0	-.383667E+0	-.430159E-3	-.426900E-2	-.501417E-3	-
.423893E-2	.917358E+0	-.370667E+0				
313288300.	.913940E+0	-.385071E+0	-.377151E-3	-.386984E-2	-.428546E-3	-
.384518E-2	.916931E+0	-.370911E+0				
313300800.	.913391E+0	-.386047E+0	-.227626E-3	-.354322E-2	-.282025E-3	-
.352811E-2	.916809E+0	-.371521E+0				
313313300.	.912109E+0	-.387146E+0	.915497E-5	-.327516E-2	-.322169E-4	-
.325885E-2	.916687E+0	-.371704E+0				
313325800.	.910156E+0	-.387390E+0	.388848E-3	-.315624E-2	.338548E-3	-
.315485E-2	.916565E+0	-.372009E+0				
313338300.	.908569E+0	-.386169E+0	.825401E-3	-.338814E-2	.768824E-3	-
.338378E-2	.916565E+0	-.372192E+0				
313350800.	.908508E+0	-.383301E+0	.861645E-3	-.402269E-2	.804751E-3	-
.400719E-2	.916199E+0	-.372192E+0				
313363300.	.911133E+0	-.381714E+0	.342088E-3	-.438871E-2	.263358E-3	-
.436942E-2	.916504E+0	-.372559E+0				
313375800.	.913208E+0	-.382202E+0	-.165917E-3	-.427487E-2	-.236153E-3	-
.425618E-2	.916138E+0	-.372864E+0				
313388400.	.914368E+0	-.383362E+0	-.445236E-3	-.401233E-2	-.514703E-3	-
.398940E-2	.916199E+0	-.373291E+0				
313400900.	.914917E+0	-.384705E+0	-.582839E-3	-.376457E-2	-.628889E-3	-
.374242E-2	.916016E+0	-.373169E+0				
313413400.	.915039E+0	-.385681E+0	-.645489E-3	-.356267E-2	-.704811E-3	-
.352824E-2	.915955E+0	-.373901E+0				
313425900.	.915344E+0	-.386414E+0	-.668498E-3	-.338124E-2	-.721742E-3	-
.336394E-2	.915894E+0	-.373962E+0				
313438400.	.915161E+0	-.387146E+0	-.677057E-3	-.323846E-2	-.715704E-3	-
.320660E-2	.915710E+0	-.374573E+0				
313450900.	.915100E+0	-.387695E+0	-.665098E-3	-.310612E-2	-.716900E-3	-
.307557E-2	.915588E+0	-.374939E+0				
313463400.	.915100E+0	-.388245E+0	-.669472E-3	-.298320E-2	-.696783E-3	-
.296004E-2	.915466E+0	-.374878E+0				
313475900.	.915039E+0	-.388916E+0	-.660585E-3	-.288192E-2	-.704288E-3	-
.285040E-2	.915161E+0	-.375732E+0				
313488400.	.914795E+0	-.389221E+0	-.638085E-3	-.277593E-2	-.678510E-3	-
.275251E-2	.915100E+0	-.375732E+0				
313501000.	.914795E+0	-.389771E+0	-.620764E-3	-.267219E-2	-.664111E-3	-
.264211E-2	.914917E+0	-.376343E+0				
313513500.	.914490E+0	-.390137E+0	-.599182E-3	-.256975E-2	-.629331E-3	-
.255826E-2	.914734E+0	-.376526E+0				

313526000.	.914429E+0	-.390625E+0	-.574306E-3	-.248450E-2	-.603777E-3	-
.246162E-2	.914490E+0	-.377136E+0				
313538500.	.914368E+0	-.390930E+0	-.543223E-3	-.239691E-2	-.582433E-3	-
.237180E-2	.914124E+0	-.377502E+0				
313551000.	.914368E+0	-.391113E+0	-.510780E-3	-.230101E-2	-.549916E-3	-
.227892E-2	.914063E+0	-.377808E+0				
313563500.	.914124E+0	-.391785E+0	-.471383E-3	-.218905E-2	-.506233E-3	-
.219889E-2	.913879E+0	-.378357E+0				
313576000.	.914063E+0	-.392151E+0	-.437873E-3	-.209156E-2	-.462954E-3	-
.208960E-2	.913635E+0	-.378906E+0				
313588500.	.913818E+0	-.392456E+0	-.394260E-3	-.199845E-2	-.427554E-3	-
.198551E-2	.913208E+0	-.379333E+0				
313601100.	.913696E+0	-.392700E+0	-.345753E-3	-.189873E-2	-.373966E-3	-
.188543E-2	.913025E+0	-.379883E+0				
313613600.	.913696E+0	-.393127E+0	-.294092E-3	-.177377E-2	-.320871E-3	-
.177859E-2	.912659E+0	-.380371E+0				
313626100.	.913452E+0	-.393677E+0	-.233453E-3	-.166440E-2	-.259518E-3	-
.164872E-2	.912354E+0	-.380859E+0				
313638600.	.913513E+0	-.393921E+0	-.169670E-3	-.154244E-2	-.194114E-3	-
.153254E-2	.912170E+0	-.381714E+0				
313651100.	.913208E+0	-.394348E+0	-.871664E-4	-.140318E-2	-.118695E-3	-
.139390E-2	.911926E+0	-.382507E+0				
313663600.	.912781E+0	-.394775E+0	-.154385E-4	-.125798E-2	-.394098E-4	-
.126171E-2	.911255E+0	-.383057E+0				
313676100.	.912659E+0	-.395142E+0	.941247E-4	-.109476E-2	.737330E-4	-
.108966E-2	.910889E+0	-.383789E+0				
313688600.	.912720E+0	-.395569E+0	.197496E-3	-.922955E-3	.176321E-3	-
.921847E-3	.910400E+0	-.384521E+0				
313701200.	.912354E+0	-.396057E+0	.315247E-3	-.729093E-3	.302390E-3	-
.729893E-3	.909912E+0	-.385620E+0				
313713700.	.912292E+0	-.396362E+0	.445246E-3	-.501259E-3	.441504E-3	-
.515794E-3	.909424E+0	-.386353E+0				
313726200.	.912109E+0	-.396790E+0	.601571E-3	-.254119E-3	.600292E-3	-
.246147E-3	.908752E+0	-.387390E+0				
313738700.	.911987E+0	-.396912E+0	.790963E-3	.440283E-4	.795253E-3	-
.330122E-4	.907898E+0	-.388611E+0				
313751200.	.911621E+0	-.397583E+0	.101002E-2	.383628E-3	.100399E-2	-
.360238E-3	.907227E+0	-.389954E+0				
313763700.	.911316E+0	-.397949E+0	.127026E-2	.752037E-3	.126872E-2	-
.735034E-3	.906555E+0	-.391052E+0				
313776200.	.911194E+0	-.398499E+0	.158539E-2	.120258E-2	.159243E-2	-
.116553E-2	.905090E+0	-.392883E+0				
313788700.	.910828E+0	-.399109E+0	.196284E-2	.171369E-2	.198138E-2	-
.168410E-2	.903870E+0	-.394592E+0				
313801200.	.910339E+0	-.399658E+0	.245277E-2	.235749E-2	.248095E-2	-
.229761E-2	.902405E+0	-.396790E+0				
313813800.	.910095E+0	-.400208E+0	.304929E-2	.309390E-2	.309056E-2	-
.304434E-2	.900635E+0	-.398987E+0				
313826300.	.909485E+0	-.400879E+0	.384423E-2	.401765E-2	.389252E-2	-
.394112E-2	.898193E+0	-.401794E+0				
313838800.	.909119E+0	-.401611E+0	.490841E-2	.516568E-2	.495908E-2	-
.507020E-2	.894836E+0	-.405273E+0				
313851300.	.908386E+0	-.402466E+0	.638377E-2	.660698E-2	.646819E-2	-
.648364E-2	.890442E+0	-.409607E+0				
313863800.	.907104E+0	-.403503E+0	.853351E-2	.846051E-2	.863849E-2	-
.829498E-2	.884460E+0	-.415039E+0				

313876300.	.905640E+0	-.404907E+0	.118989E-1	.108408E-1	.120410E-1	
.106172E-1	.875061E+0	-.421692E+0				
313888800.	.903320E+0	-.406311E+0	.175862E-1	.137882E-1	.177612E-1	
.134792E-1	.859558E+0	-.429779E+0				
313901300.	.899231E+0	-.407349E+0	.282800E-1	.165202E-1	.284704E-1	
.159806E-1	.830597E+0	-.436798E+0				
313913900.	.891235E+0	-.405762E+0	.492252E-1	.126178E-1	.492750E-1	
.117021E-1	.775177E+0	-.425232E+0				
313926400.	.883972E+0	-.392883E+0	.698608E-1	-.221803E-1	.691536E-1	-
.232329E-1	.723083E+0	-.331543E+0				
313938900.	.896240E+0	-.379944E+0	.388152E-1	-.590625E-1	.377648E-1	-
.593547E-1	.807831E+0	-.235901E+0				
313951400.	.906677E+0	-.383484E+0	.905980E-2	-.522552E-1	.826465E-2	-
.521579E-1	.885773E+0	-.256866E+0				
313963900.	.910217E+0	-.388428E+0	-.105904E-2	-.407619E-1	-.167240E-2	-
.405902E-1	.911621E+0	-.288940E+0				
313976400.	.911072E+0	-.391968E+0	-.439609E-2	-.330779E-1	-.488645E-2	-
.328954E-1	.919556E+0	-.310364E+0				
313988900.	.911255E+0	-.394104E+0	-.556382E-2	-.281114E-1	-.597228E-2	-
.279288E-1	.921936E+0	-.324524E+0				
314001400.	.911194E+0	-.395996E+0	-.598908E-2	-.247603E-1	-.632998E-2	-
.245868E-1	.922485E+0	-.334290E+0				
314014000.	.910889E+0	-.397339E+0	-.611431E-2	-.223549E-1	-.644081E-2	-
.221818E-1	.921997E+0	-.341492E+0				
314026500.	.910706E+0	-.398438E+0	-.609534E-2	-.205415E-1	-.637563E-2	-
.203807E-1	.921509E+0	-.347046E+0				
314039000.	.910217E+0	-.399475E+0	-.596447E-2	-.191534E-1	-.624448E-2	-
.190023E-1	.920715E+0	-.351685E+0				
314051500.	.909729E+0	-.400269E+0	-.578363E-2	-.180426E-1	-.602927E-2	-
.178858E-1	.919861E+0	-.355469E+0				
314064000.	.909302E+0	-.401245E+0	-.546591E-2	-.171076E-1	-.568721E-2	-
.169589E-1	.918762E+0	-.358582E+0				
314076500.	.908630E+0	-.402222E+0	-.486940E-2	-.163324E-1	-.510207E-2	-
.161971E-1	.916992E+0	-.361328E+0				
314089000.	.907715E+0	-.402954E+0	-.364095E-2	-.160703E-1	-.386915E-2	-
.159674E-1	.914185E+0	-.363098E+0				
314101500.	.907104E+0	-.402222E+0	-.264919E-2	-.179437E-1	-.290211E-2	-
.178426E-1	.911926E+0	-.360962E+0				
314114000.	.907898E+0	-.402344E+0	-.474353E-2	-.192149E-1	-.502143E-2	-
.190569E-1	.915405E+0	-.360107E+0				
314126600.	.908325E+0	-.403381E+0	-.603549E-2	-.184002E-1	-.630570E-2	-
.182403E-1	.917175E+0	-.363037E+0				
314139100.	.908142E+0	-.404358E+0	-.642218E-2	-.177124E-1	-.668224E-2	-
.175435E-1	.917175E+0	-.365479E+0				
314151600.	.908081E+0	-.405212E+0	-.658676E-2	-.172929E-1	-.683752E-2	-
.171282E-1	.916931E+0	-.367615E+0				
314164100.	.907471E+0	-.405762E+0	-.668073E-2	-.170657E-1	-.691944E-2	-
.168904E-1	.916260E+0	-.369080E+0				
314176600.	.907166E+0	-.406921E+0	-.677031E-2	-.169330E-1	-.700688E-2	-
.167833E-1	.915894E+0	-.370850E+0				
314189100.	.906799E+0	-.407471E+0	-.686028E-2	-.169100E-1	-.709991E-2	-
.167486E-1	.915466E+0	-.372314E+0				
314201600.	.906616E+0	-.408020E+0	-.696864E-2	-.169413E-1	-.720725E-2	-
.167785E-1	.915039E+0	-.373779E+0				
314214100.	.906372E+0	-.408875E+0	-.708363E-2	-.170324E-1	-.732228E-2	-
.168589E-1	.914429E+0	-.375061E+0				

314226700.	.905884E+0	-.409851E+0	-.720689E-2	-.171570E-1	-.744497E-2	-
.170048E-1	.914063E+0	-.376221E+0				
314239200.	.905579E+0	-.410461E+0	-.735007E-2	-.173387E-1	-.760015E-2	-
.171520E-1	.913269E+0	-.377319E+0				
314251700.	.905090E+0	-.411377E+0	-.750738E-2	-.175497E-1	-.773837E-2	-
.173647E-1	.912964E+0	-.378479E+0				
314264200.	.904846E+0	-.412109E+0	-.767974E-2	-.178148E-1	-.792475E-2	-
.176308E-1	.912476E+0	-.379761E+0				
314276700.	.904358E+0	-.412964E+0	-.786858E-2	-.181168E-1	-.812180E-2	-
.179220E-1	.911926E+0	-.380981E+0				
314289200.	.903931E+0	-.413757E+0	-.807131E-2	-.184491E-1	-.833643E-2	-
.182563E-1	.911377E+0	-.382141E+0				
314301700.	.903442E+0	-.414795E+0	-.830068E-2	-.188334E-1	-.856791E-2	-
.186320E-1	.910706E+0	-.383423E+0				
314314200.	.902771E+0	-.415649E+0	-.854831E-2	-.192563E-1	-.881934E-2	-
.190452E-1	.910217E+0	-.384399E+0				
314326800.	.902527E+0	-.416748E+0	-.883155E-2	-.197237E-1	-.909760E-2	-
.195168E-1	.909485E+0	-.385620E+0				
314339300.	.901794E+0	-.417603E+0	-.910972E-2	-.202412E-1	-.940578E-2	-
.200173E-1	.908752E+0	-.387146E+0				
314351800.	.901367E+0	-.418762E+0	-.944101E-2	-.208028E-1	-.972597E-2	-
.205747E-1	.908020E+0	-.388489E+0				
314364300.	.900574E+0	-.419739E+0	-.979626E-2	-.214031E-1	-.100930E-1	-
.211828E-1	.907532E+0	-.389709E+0				
314376800.	.899902E+0	-.421204E+0	-.101803E-1	-.220670E-1	-.104786E-1	-
.218423E-1	.906860E+0	-.391296E+0				
314389300.	.899536E+0	-.422241E+0	-.105891E-1	-.228058E-1	-.109113E-1	-
.225626E-1	.905945E+0	-.392761E+0				
314401800.	.898682E+0	-.423584E+0	-.110583E-1	-.235969E-1	-.113846E-1	-
.233339E-1	.905151E+0	-.394104E+0				
314414300.	.897888E+0	-.424988E+0	-.115343E-1	-.244649E-1	-.118830E-1	-
.241961E-1	.904297E+0	-.395874E+0				
314426800.	.896912E+0	-.426147E+0	-.120614E-1	-.254165E-1	-.124136E-1	-
.251161E-1	.903198E+0	-.397461E+0				
314439400.	.896179E+0	-.427917E+0	-.126399E-1	-.265048E-1	-.130063E-1	-
.261983E-1	.902222E+0	-.399109E+0				
314451900.	.895142E+0	-.429321E+0	-.133523E-1	-.277111E-1	-.137225E-1	-
.274061E-1	.901306E+0	-.400940E+0				
314464400.	.894104E+0	-.431030E+0	-.141759E-1	-.289646E-1	-.145663E-1	-
.286363E-1	.900085E+0	-.403076E+0				
314476900.	.892822E+0	-.432983E+0	-.150451E-1	-.302999E-1	-.154446E-1	-
.299574E-1	.899170E+0	-.405212E+0				
314489400.	.891724E+0	-.434937E+0	-.159876E-1	-.318050E-1	-.164284E-1	-
.314174E-1	.897705E+0	-.407532E+0				
314501900.	.890381E+0	-.436951E+0	-.170416E-1	-.334460E-1	-.174910E-1	-
.330369E-1	.895874E+0	-.410034E+0				
314514400.	.888916E+0	-.439148E+0	-.182252E-1	-.352683E-1	-.187157E-1	-
.348487E-1	.894409E+0	-.412781E+0				
314526900.	.887268E+0	-.441711E+0	-.195765E-1	-.373074E-1	-.200851E-1	-
.368424E-1	.892517E+0	-.415649E+0				
314539500.	.885437E+0	-.444458E+0	-.211136E-1	-.395917E-1	-.216288E-1	-
.390885E-1	.890442E+0	-.418945E+0				
314552000.	.883484E+0	-.447327E+0	-.228623E-1	-.421208E-1	-.234221E-1	-
.415901E-1	.887939E+0	-.422424E+0				
314564500.	.881042E+0	-.450684E+0	-.248980E-1	-.449968E-1	-.254968E-1	-
.444341E-1	.885254E+0	-.426270E+0				

314577000.	.878540E+0	-.454224E+0	-.272829E-1	-.482300E-1	-.279259E-1	-
.475940E-1	.882324E+0	-.430603E+0				
314589500.	.875366E+0	-.458191E+0	-.300791E-1	-.519349E-1	-.307790E-1	-
.512407E-1	.878723E+0	-.435242E+0				
314602000.	.871704E+0	-.462708E+0	-.334502E-1	-.561637E-1	-.341766E-1	-
.553889E-1	.874512E+0	-.440674E+0				
314614500.	.867371E+0	-.467590E+0	-.374960E-1	-.610571E-1	-.382726E-1	-
.602117E-1	.869385E+0	-.446899E+0				
314627000.	.862366E+0	-.473389E+0	-.424613E-1	-.667513E-1	-.433076E-1	-
.657808E-1	.863281E+0	-.454102E+0				
314639600.	.856018E+0	-.480103E+0	-.487002E-1	-.734147E-1	-.496167E-1	-
.723195E-1	.855560E+0	-.462280E+0				
314652100.	.848022E+0	-.487549E+0	-.566319E-1	-.813027E-1	-.576185E-1	-
.799911E-1	.845886E+0	-.471588E+0				
314664600.	.837799E+0	-.496460E+0	-.670615E-1	-.906802E-1	-.681679E-1	-
.892154E-1	.833771E+0	-.482880E+0				
314677100.	.824280E+0	-.506683E+0	-.811370E-1	-.101861E+0	-.823437E-1	-
.100113E+0	.817017E+0	-.495819E+0				
314689600.	.805389E+0	-.518524E+0	-.100931E+0	-.115090E+0	-.102232E+0	-
.112919E+0	.793884E+0	-.511230E+0				
314702100.	.778229E+0	-.532196E+0	-.130038E+0	-.130251E+0	-.131297E+0	-
.127520E+0	.760468E+0	-.528320E+0				
314714600.	.737091E+0	-.544586E+0	-.174813E+0	-.145592E+0	-.175896E+0	-
.142120E+0	.709534E+0	-.545532E+0				
314727100.	.672516E+0	-.548737E+0	-.246702E+0	-.152850E+0	-.247281E+0	-
.148306E+0	.628296E+0	-.552917E+0				
314739600.	.573761E+0	-.517761E+0	-.359059E+0	-.122704E+0	-.358306E+0	-
.117177E+0	.502777E+0	-.517944E+0				
314752200.	.470673E+0	-.389374E+0	-.482110E+0	.168357E-1	-.479512E+0	
.218531E-1	.366516E+0	-.360367E+0				
314764700.	.507172E+0	-.174866E+0	-.452691E+0	.261279E+0	-.449408E+0	
.264639E+0	.401672E+0	-.852966E-1				
314777200.	.683105E+0	-.841675E-1	-.259116E+0	.374768E+0	-.255602E+0	
.377112E+0	.621552E+0	.410156E-1				
314789700.	.811371E+0	-.118683E+0	-.112358E+0	.345243E+0	-.108481E+0	
.346609E+0	.787994E+0	.411987E-2				
314802200.	.872223E+0	-.173706E+0	-.400193E-1	.288895E+0	-.363840E-1	
.289310E+0	.868744E+0	-.628357E-1				
314814700.	.899536E+0	-.219330E+0	-.593328E-2	.241695E+0	-.273504E-2	
.241657E+0	.905670E+0	-.118927E+0				
314827200.	.911560E+0	-.253601E+0	.107700E-1	.206311E+0	.135542E-1	
.205937E+0	.922913E+0	-.161255E+0				
314839700.	.916931E+0	-.279663E+0	.193619E-1	.179966E+0	.218433E-1	
.179416E+0	.931152E+0	-.192932E+0				
314852300.	.918823E+0	-.299622E+0	.239842E-1	.159960E+0	.262058E-1	
.159334E+0	.934937E+0	-.217529E+0				
314864800.	.919189E+0	-.316101E+0	.264031E-1	.144380E+0	.284458E-1	
.143672E+0	.936646E+0	-.236938E+0				
314877300.	.917908E+0	-.329468E+0	.276646E-1	.132054E+0	.295217E-1	
.131341E+0	.936829E+0	-.252808E+0				
314889800.	.916565E+0	-.341248E+0	.281546E-1	.121951E+0	.298901E-1	
.121291E+0	.935852E+0	-.266296E+0				
314902300.	.914124E+0	-.351624E+0	.279606E-1	.113428E+0	.295460E-1	
.112754E+0	.934326E+0	-.277893E+0				
314914800.	.910706E+0	-.361328E+0	.266652E-1	.105872E+0	.281763E-1	
.105213E+0	.931519E+0	-.288696E+0				

314927300.	.904480E+0	-.370178E+0	.224406E-1	.993936E-1	.237957E-1
.987602E-1	.925659E+0	-.298340E+0			
314939800.	.893677E+0	-.370300E+0	.130765E-1	.101737E+0	.144600E-1
.101235E+0	.914490E+0	-.298584E+0			
314952400.	.899841E+0	-.364441E+0	.209038E-1	.111892E+0	.224834E-1
.111325E+0	.921326E+0	-.290771E+0			
314964900.	.904907E+0	-.373352E+0	.293693E-1	.107236E+0	.308647E-1
.106568E+0	.927856E+0	-.298889E+0			
314977400.	.904419E+0	-.382141E+0	.321028E-1	.102769E+0	.335954E-1
.101998E+0	.929077E+0	-.307007E+0			
314989900.	.902466E+0	-.389648E+0	.335371E-1	.999374E-1	.349485E-1
.991640E-1	.928162E+0	-.313721E+0			
315002400.	.899780E+0	-.396667E+0	.347216E-1	.982209E-1	.361198E-1
.974160E-1	.926941E+0	-.319458E+0			
315014900.	.896912E+0	-.403381E+0	.359402E-1	.974202E-1	.372666E-1
.965708E-1	.925476E+0	-.324585E+0			
315027400.	.893494E+0	-.410156E+0	.373398E-1	.972933E-1	.386905E-1
.963861E-1	.923645E+0	-.329529E+0			
315039900.	.889526E+0	-.417053E+0	.390205E-1	.977863E-1	.403006E-1
.969202E-1	.921997E+0	-.334229E+0			
315052400.	.885315E+0	-.424316E+0	.409675E-1	.990189E-1	.422583E-1
.980822E-1	.919861E+0	-.338989E+0			
315065000.	.880371E+0	-.431946E+0	.433982E-1	.100879E+0	.446755E-1
.998477E-1	.917419E+0	-.343445E+0			
315077500.	.874390E+0	-.440430E+0	.462968E-1	.103415E+0	.476413E-1
.102367E+0	.914673E+0	-.348511E+0			
315090000.	.867615E+0	-.449707E+0	.498990E-1	.106914E+0	.512557E-1
.105784E+0	.911743E+0	-.353455E+0			
315102500.	.858856E+0	-.460205E+0	.545751E-1	.111356E+0	.559207E-1
.110140E+0	.907959E+0	-.358948E+0			
315115000.	.848450E+0	-.472076E+0	.605122E-1	.116923E+0	.618624E-1
.115528E+0	.903381E+0	-.364990E+0			
315127500.	.834869E+0	-.485901E+0	.682027E-1	.123806E+0	.696745E-1
.122273E+0	.897766E+0	-.371460E+0			
315140000.	.817383E+0	-.502045E+0	.786212E-1	.132551E+0	.800557E-1
.130819E+0	.890747E+0	-.378906E+0			
315152500.	.793427E+0	-.520905E+0	.931215E-1	.143277E+0	.945519E-1
.141277E+0	.880493E+0	-.387573E+0			
315165100.	.758575E+0	-.542969E+0	.114102E+0	.156475E+0	.115544E+0
.154139E+0	.866547E+0	-.397308E+0			
315177600.	.706329E+0	-.567749E+0	.146295E+0	.171573E+0	.147495E+0
.168835E+0	.845184E+0	-.408295E+0			
315190100.	.623291E+0	-.588928E+0	.198178E+0	.185614E+0	.199000E+0
.182375E+0	.811951E+0	-.417694E+0			
315202600.	.486298E+0	-.583221E+0	.284993E+0	.183822E+0	.285126E+0
.180187E+0	.756866E+0	-.416595E+0			
315215100.	.287872E+0	-.467682E+0	.413480E+0	.113944E+0	.412868E+0
.110737E+0	.676300E+0	-.372131E+0			
315227600.	.194229E+0	-.128708E+0	.480375E+0	-.998840E-1	.480517E+0
.103546E+0	.635742E+0	-.235657E+0			
315240100.	.444244E+0	.160095E+0	.327802E+0	-.290154E+0	.326577E+0
.294616E+0	.735596E+0	-.116516E+0			
315252600.	.718872E+0	.152985E+0	.152579E+0	-.293272E+0	.149921E+0
.296708E+0	.847931E+0	-.118774E+0			
315265200.	.853699E+0	.587769E-1	.641494E-1	-.238110E+0	.611877E-1
.240035E+0	.903107E+0	-.157776E+0			

315277700.	.911194E+0	-.231323E-1	.241859E-1	-.188780E+0	.215485E-1	-
.189704E+0	.925842E+0	-.191650E+0				
315290200.	.935852E+0	-.818481E-1	.516244E-2	-.150480E+0	.290181E-2	-
.150914E+0	.935181E+0	-.215332E+0				
315302700.	.949036E+0	-.125061E+0	-.196233E-2	-.122470E+0	-.374853E-2	-
.122691E+0	.941589E+0	-.232544E+0				
315315200.	.955017E+0	-.158691E+0	-.546175E-2	-.103007E+0	-.698664E-2	-
.103043E+0	.944336E+0	-.247375E+0				
315327700.	.957458E+0	-.184570E+0	-.736780E-2	-.881589E-1	-.874618E-2	-
.880628E-1	.945190E+0	-.258423E+0				
315340200.	.957947E+0	-.205017E+0	-.828178E-2	-.763418E-1	-.944781E-2	-
.762585E-1	.945313E+0	-.267578E+0				
315352700.	.957275E+0	-.221619E+0	-.859646E-2	-.667735E-1	-.965347E-2	-
.666748E-1	.945068E+0	-.274841E+0				
315365200.	.956482E+0	-.235474E+0	-.841960E-2	-.588600E-1	-.937963E-2	-
.587282E-1	.944641E+0	-.280823E+0				
315377800.	.954773E+0	-.247437E+0	-.796305E-2	-.521148E-1	-.877708E-2	-
.520140E-1	.943970E+0	-.285889E+0				
315390300.	.951843E+0	-.257996E+0	-.677702E-2	-.462077E-1	-.750823E-2	-
.460626E-1	.942688E+0	-.290588E+0				
315402800.	.945374E+0	-.265198E+0	-.363439E-2	-.421033E-1	-.425399E-2	-
.420165E-1	.940674E+0	-.294006E+0				
315415300.	.945862E+0	-.263062E+0	-.378766E-2	-.431914E-1	-.447318E-2	-
.430964E-1	.940369E+0	-.294617E+0				
315427800.	.950317E+0	-.270203E+0	-.653746E-2	-.395297E-1	-.714387E-2	-
.393835E-1	.941589E+0	-.297668E+0				
315440300.	.950806E+0	-.277466E+0	-.693484E-2	-.357026E-1	-.749350E-2	-
.355520E-1	.941528E+0	-.300842E+0				
315452800.	.950073E+0	-.283203E+0	-.681633E-2	-.325924E-1	-.730889E-2	-
.324548E-1	.940979E+0	-.303345E+0				
315465300.	.949280E+0	-.288330E+0	-.657602E-2	-.300207E-1	-.702422E-2	-
.298764E-1	.940674E+0	-.305603E+0				
315477900.	.948425E+0	-.292664E+0	-.628381E-2	-.277880E-1	-.672893E-2	-
.276540E-1	.940125E+0	-.307739E+0				
315490400.	.947754E+0	-.296814E+0	-.602085E-2	-.258220E-1	-.642974E-2	-
.256987E-1	.939758E+0	-.309509E+0				
315502900.	.946716E+0	-.300232E+0	-.575279E-2	-.240996E-1	-.613012E-2	-
.239661E-1	.939270E+0	-.311279E+0				
315515400.	.946106E+0	-.303467E+0	-.550222E-2	-.225456E-1	-.584301E-2	-
.224166E-1	.938721E+0	-.312683E+0				
315527900.	.945374E+0	-.306396E+0	-.526754E-2	-.211147E-1	-.557950E-2	-
.209889E-1	.938599E+0	-.313904E+0				
315540400.	.944519E+0	-.309021E+0	-.500714E-2	-.198347E-1	-.530917E-2	-
.197226E-1	.938110E+0	-.315430E+0				
315552900.	.944092E+0	-.311523E+0	-.477038E-2	-.186873E-1	-.505104E-2	-
.185819E-1	.937866E+0	-.316467E+0				
315565400.	.943420E+0	-.313965E+0	-.453897E-2	-.176751E-1	-.481529E-2	-
.175679E-1	.937500E+0	-.317871E+0				
315578000.	.942810E+0	-.315735E+0	-.436682E-2	-.166973E-1	-.462299E-2	-
.166040E-1	.937317E+0	-.318726E+0				
315590500.	.942261E+0	-.317932E+0	-.419319E-2	-.158130E-1	-.442101E-2	-
.157126E-1	.936951E+0	-.319763E+0				
315603000.	.941833E+0	-.319763E+0	-.400239E-2	-.149780E-1	-.423409E-2	-
.148924E-1	.936523E+0	-.320984E+0				
315615500.	.941162E+0	-.321594E+0	-.383545E-2	-.142171E-1	-.404295E-2	-
.141285E-1	.936340E+0	-.321655E+0				

315628000.	.940674E+0	-.323120E+0	-.367008E-2	-.135125E-1	-.387261E-2	-
.134362E-1	.936096E+0	-.322693E+0				
315640500.	.940125E+0	-.324707E+0	-.351774E-2	-.128442E-1	-.371282E-2	-
.127705E-1	.935852E+0	-.323303E+0				
315653000.	.939941E+0	-.326538E+0	-.337378E-2	-.122172E-1	-.355433E-2	-
.121481E-1	.935730E+0	-.324158E+0				
315665500.	.939453E+0	-.327698E+0	-.321821E-2	-.116199E-1	-.340569E-2	-
.115465E-1	.935364E+0	-.325073E+0				
315678000.	.938965E+0	-.328857E+0	-.307092E-2	-.110675E-1	-.324577E-2	-
.109933E-1	.935242E+0	-.325684E+0				
315690600.	.938477E+0	-.330383E+0	-.290760E-2	-.105095E-1	-.308566E-2	-
.104484E-1	.934692E+0	-.326294E+0				
315703100.	.938110E+0	-.331787E+0	-.275238E-2	-.997493E-2	-.290117E-2	-
.991572E-2	.934631E+0	-.326965E+0				
315715600.	.937561E+0	-.333130E+0	-.253809E-2	-.943111E-2	-.268537E-2	-
.936741E-2	.934326E+0	-.327759E+0				
315728100.	.936768E+0	-.334351E+0	-.223721E-2	-.885966E-2	-.235413E-2	-
.879534E-2	.934204E+0	-.328430E+0				
315740600.	.935486E+0	-.335815E+0	-.159445E-2	-.825379E-2	-.170983E-2	-
.819790E-2	.933594E+0	-.329285E+0				
315753100.	.933289E+0	-.335815E+0	-.680088E-4	-.845350E-2	-.200011E-3	-
.842862E-2	.932251E+0	-.329346E+0				
315765600.	.934082E+0	-.333069E+0	-.795808E-3	-.104580E-1	-.967265E-3	-
.104175E-1	.932922E+0	-.328430E+0				
315778100.	.935913E+0	-.334595E+0	-.212509E-2	-.975549E-2	-.226413E-2	-
.971034E-2	.933533E+0	-.329102E+0				
315790700.	.936035E+0	-.336426E+0	-.239800E-2	-.899361E-2	-.252998E-2	-
.893565E-2	.933472E+0	-.330078E+0				
315803200.	.935791E+0	-.337585E+0	-.243810E-2	-.840313E-2	-.257287E-2	-
.833613E-2	.933289E+0	-.330688E+0				
315815700.	.935852E+0	-.338196E+0	-.233912E-2	-.790664E-2	-.245850E-2	-
.786839E-2	.933228E+0	-.331116E+0				
315828200.	.935486E+0	-.339233E+0	-.222171E-2	-.757616E-2	-.235034E-2	-
.751682E-2	.932983E+0	-.331604E+0				
315840700.	.935425E+0	-.340332E+0	-.216324E-2	-.728290E-2	-.227399E-2	-
.722763E-2	.932861E+0	-.332092E+0				
315853200.	.935059E+0	-.340942E+0	-.208972E-2	-.701264E-2	-.218686E-2	-
.696229E-2	.932861E+0	-.332458E+0				
315865700.	.934875E+0	-.341797E+0	-.202650E-2	-.675502E-2	-.212510E-2	-
.670804E-2	.932739E+0	-.332947E+0				
315878200.	.934631E+0	-.342346E+0	-.196997E-2	-.653257E-2	-.206253E-2	-
.647983E-2	.932495E+0	-.333374E+0				
315890800.	.934448E+0	-.343079E+0	-.191797E-2	-.630877E-2	-.200821E-2	-
.626042E-2	.932434E+0	-.333740E+0				
315903300.	.934143E+0	-.343872E+0	-.185727E-2	-.610314E-2	-.194016E-2	-
.606676E-2	.932312E+0	-.334229E+0				
315915800.	.933838E+0	-.344421E+0	-.180091E-2	-.590347E-2	-.188925E-2	-
.587580E-2	.932190E+0	-.334534E+0				
315928300.	.933716E+0	-.345215E+0	-.175912E-2	-.571341E-2	-.183712E-2	-
.568175E-2	.932129E+0	-.334778E+0				
315940800.	.933350E+0	-.345398E+0	-.171067E-2	-.553857E-2	-.179338E-2	-
.550413E-2	.931824E+0	-.335144E+0				
315953300.	.933228E+0	-.346191E+0	-.166574E-2	-.537104E-2	-.175186E-2	-
.533958E-2	.931824E+0	-.335632E+0				
315965800.	.933167E+0	-.346619E+0	-.162454E-2	-.521806E-2	-.169469E-2	-
.517247E-2	.931519E+0	-.335815E+0				

315978300.	.933105E+0	-.347107E+0	-.157250E-2	-.506062E-2	-.165186E-2	-
.502901E-2	.931641E+0	-.336182E+0				
315990800.	.932861E+0	-.347839E+0	-.151681E-2	-.491925E-2	-.157710E-2	-
.488326E-2	.931580E+0	-.336426E+0				
316003400.	.932617E+0	-.348083E+0	-.148663E-2	-.479813E-2	-.155091E-2	-
.477655E-2	.931274E+0	-.336792E+0				
316015900.	.932434E+0	-.348511E+0	-.145472E-2	-.467146E-2	-.152976E-2	-
.463701E-2	.931274E+0	-.336914E+0				
316028400.	.932312E+0	-.349060E+0	-.141811E-2	-.454083E-2	-.149789E-2	-
.450838E-2	.931213E+0	-.337280E+0				
316040900.	.932251E+0	-.349487E+0	-.139969E-2	-.441823E-2	-.144758E-2	-
.438087E-2	.931030E+0	-.337646E+0				
316053400.	.932068E+0	-.350037E+0	-.135560E-2	-.429532E-2	-.141828E-2	-
.425905E-2	.931030E+0	-.338013E+0				
316065900.	.931946E+0	-.350403E+0	-.132761E-2	-.418772E-2	-.139438E-2	-
.416076E-2	.930786E+0	-.338074E+0				
316078400.	.931702E+0	-.350769E+0	-.130010E-2	-.407778E-2	-.136458E-2	-
.406173E-2	.930725E+0	-.338379E+0				
316090900.	.931702E+0	-.351318E+0	-.127535E-2	-.397394E-2	-.134418E-2	-
.394920E-2	.930969E+0	-.338501E+0				
316103500.	.931396E+0	-.351807E+0	-.124863E-2	-.388794E-2	-.129595E-2	-
.384443E-2	.930786E+0	-.338867E+0				
316116000.	.931274E+0	-.351868E+0	-.123324E-2	-.378148E-2	-.128535E-2	-
.375370E-2	.930542E+0	-.339111E+0				
316128500.	.931274E+0	-.352173E+0	-.119792E-2	-.367064E-2	-.125770E-2	-
.363409E-2	.930481E+0	-.339294E+0				
316141000.	.930847E+0	-.352783E+0	-.116363E-2	-.358794E-2	-.121602E-2	-
.354729E-2	.930420E+0	-.339722E+0				
316153500.	.930786E+0	-.352966E+0	-.112491E-2	-.350187E-2	-.117750E-2	-
.347582E-2	.930359E+0	-.339783E+0				
316166000.	.930786E+0	-.353333E+0	-.110756E-2	-.341983E-2	-.115769E-2	-
.339296E-2	.930298E+0	-.339966E+0				
316178500.	.930664E+0	-.353699E+0	-.109552E-2	-.334219E-2	-.112849E-2	-
.332369E-2	.930359E+0	-.340271E+0				
316191000.	.930481E+0	-.354065E+0	-.106134E-2	-.327026E-2	-.111029E-2	-
.324825E-2	.929932E+0	-.340454E+0				
316203600.	.930359E+0	-.354492E+0	-.104104E-2	-.319806E-2	-.108511E-2	-
.316823E-2	.929932E+0	-.340698E+0				
316216100.	.930298E+0	-.354614E+0	-.100360E-2	-.311839E-2	-.106019E-2	-
.309961E-2	.930054E+0	-.341003E+0				
316228600.	.930115E+0	-.354980E+0	-.996095E-3	-.305715E-2	-.102620E-2	-
.302512E-2	.929871E+0	-.341125E+0				
316241100.	.930115E+0	-.355286E+0	-.975404E-3	-.299019E-2	-.102191E-2	-
.296193E-2	.929626E+0	-.341187E+0				
316253600.	.929871E+0	-.355652E+0	-.963932E-3	-.291453E-2	-.100124E-2	-
.290266E-2	.929565E+0	-.341431E+0				
316266100.	.929810E+0	-.355957E+0	-.930712E-3	-.285715E-2	-.972924E-3	-
.282808E-2	.929688E+0	-.341675E+0				
316278600.	.929749E+0	-.356323E+0	-.904606E-3	-.280163E-2	-.940473E-3	-
.277863E-2	.929382E+0	-.341736E+0				
316291100.	.929688E+0	-.356445E+0	-.880814E-3	-.275619E-2	-.933915E-3	-
.273042E-2	.929565E+0	-.341980E+0				
316303600.	.929626E+0	-.356750E+0	-.874000E-3	-.269615E-2	-.911283E-3	-
.266900E-2	.929321E+0	-.342163E+0				
316316200.	.929382E+0	-.357056E+0	-.858574E-3	-.264672E-2	-.899170E-3	-
.262066E-2	.929321E+0	-.342285E+0				

316328700.	.929504E+0	-.357056E+0	-.849503E-3	-.259104E-2	-.883689E-3	-
.257440E-2	.929260E+0	-.342468E+0				
316341200.	.929199E+0	-.357361E+0	-.832701E-3	-.253337E-2	-.853716E-3	-
.252005E-2	.929138E+0	-.342712E+0				
316353700.	.929138E+0	-.357849E+0	-.816682E-3	-.248921E-2	-.840989E-3	-
.246807E-2	.929260E+0	-.342957E+0				
316366200.	.929199E+0	-.357849E+0	-.799129E-3	-.243852E-2	-.828144E-3	-
.242334E-2	.929199E+0	-.342834E+0				
316378700.	.928833E+0	-.358276E+0	-.787644E-3	-.239354E-2	-.814521E-3	-
.237079E-2	.929199E+0	-.343079E+0				
316391200.	.928894E+0	-.358398E+0	-.766437E-3	-.234795E-2	-.798135E-3	-
.233033E-2	.929260E+0	-.343201E+0				
316403700.	.928833E+0	-.358582E+0	-.745795E-3	-.231410E-2	-.786444E-3	-
.228907E-2	.928955E+0	-.343445E+0				
316416300.	.928589E+0	-.358948E+0	-.726567E-3	-.227193E-2	-.774756E-3	-
.225255E-2	.928833E+0	-.343628E+0				
316428800.	.928711E+0	-.358887E+0	-.733492E-3	-.223052E-2	-.765919E-3	-
.221067E-2	.928772E+0	-.343750E+0				
316441300.	.928650E+0	-.359436E+0	-.708338E-3	-.218816E-2	-.754275E-3	-
.217659E-2	.928772E+0	-.344116E+0				
316453800.	.928528E+0	-.359497E+0	-.707171E-3	-.214113E-2	-.736923E-3	-
.212464E-2	.928589E+0	-.344238E+0				
316466300.	.928284E+0	-.359741E+0	-.687169E-3	-.210853E-2	-.736661E-3	-
.209387E-2	.928650E+0	-.344299E+0				
316478800.	.928345E+0	-.360046E+0	-.678906E-3	-.206500E-2	-.718663E-3	-
.205254E-2	.928406E+0	-.344482E+0				
316491300.	.928406E+0	-.360229E+0	-.677187E-3	-.202069E-2	-.702057E-3	-
.201524E-2	.928589E+0	-.344543E+0				
316503800.	.928101E+0	-.360291E+0	-.666180E-3	-.200325E-2	-.682280E-3	-
.197187E-2	.928467E+0	-.344727E+0				
316516400.	.928101E+0	-.360718E+0	-.646505E-3	-.196374E-2	-.671884E-3	-
.194784E-2	.928528E+0	-.344727E+0				
316528900.	.927979E+0	-.360901E+0	-.642457E-3	-.192577E-2	-.664012E-3	-
.189728E-2	.928467E+0	-.344910E+0				
316541400.	.927917E+0	-.361084E+0	-.622275E-3	-.188538E-2	-.659611E-3	-
.187691E-2	.928284E+0	-.345154E+0				
316553900.	.927795E+0	-.361084E+0	-.613864E-3	-.186246E-2	-.651291E-3	-
.185485E-2	.928345E+0	-.345215E+0				
316566400.	.927795E+0	-.361328E+0	-.606481E-3	-.183584E-2	-.637720E-3	-
.182615E-2	.928223E+0	-.345398E+0				
316578900.	.927612E+0	-.361267E+0	-.595256E-3	-.180145E-2	-.627185E-3	-
.178697E-2	.928223E+0	-.345459E+0				
316591400.	.927795E+0	-.361511E+0	-.589804E-3	-.178536E-2	-.619590E-3	-
.175652E-2	.928040E+0	-.345398E+0				
316603900.	.927734E+0	-.361877E+0	-.585539E-3	-.175277E-2	-.602976E-3	-
.174421E-2	.928223E+0	-.345703E+0				
316616400.	.927368E+0	-.361938E+0	-.580874E-3	-.172822E-2	-.607997E-3	-
.172365E-2	.928284E+0	-.346008E+0				
316629000.	.927429E+0	-.362000E+0	-.557186E-3	-.169633E-2	-.595717E-3	-
.169214E-2	.927734E+0	-.345886E+0				
316641500.	.927307E+0	-.362183E+0	-.562861E-3	-.167047E-2	-.590571E-3	-
.166088E-2	.927856E+0	-.346069E+0				
316654000.	.927368E+0	-.362366E+0	-.546157E-3	-.164909E-2	-.573676E-3	-
.164096E-2	.927917E+0	-.346191E+0				
316666500.	.927124E+0	-.362671E+0	-.546543E-3	-.161549E-2	-.563102E-3	-
.160614E-2	.927734E+0	-.346313E+0				

316679000.	.927185E+0	-.362732E+0	-.546997E-3	-.160242E-2	-.559533E-3	-
.158282E-2	.927856E+0	-.346375E+0				
316691500.	.927246E+0	-.363098E+0	-.529667E-3	-.156737E-2	-.562595E-3	-
.155032E-2	.927856E+0	-.346558E+0				
316704000.	.927002E+0	-.363037E+0	-.531348E-3	-.153872E-2	-.550192E-3	-
.152587E-2	.927917E+0	-.346558E+0				
316716500.	.927185E+0	-.363220E+0	-.514769E-3	-.152706E-2	-.536235E-3	-
.150320E-2	.927490E+0	-.346680E+0				
316729100.	.927002E+0	-.363464E+0	-.506900E-3	-.150202E-2	-.541009E-3	-
.148326E-2	.927734E+0	-.346985E+0				
316741600.	.926636E+0	-.363586E+0	-.504836E-3	-.147398E-2	-.533833E-3	-
.145926E-2	.927368E+0	-.347046E+0				
316754100.	.926880E+0	-.363770E+0	-.494524E-3	-.146239E-2	-.512058E-3	-
.145230E-2	.927673E+0	-.347046E+0				
316766600.	.926697E+0	-.363831E+0	-.487913E-3	-.142838E-2	-.521185E-3	-
.141839E-2	.927490E+0	-.347168E+0				
316779100.	.926697E+0	-.364197E+0	-.487004E-3	-.141405E-2	-.495247E-3	-
.139310E-2	.927551E+0	-.347412E+0				
316791600.	.926758E+0	-.364136E+0	-.478981E-3	-.139632E-2	-.504550E-3	-
.137601E-2	.927368E+0	-.347473E+0				
316804100.	.926636E+0	-.364319E+0	-.461831E-3	-.138089E-2	-.482346E-3	-
.136210E-2	.927368E+0	-.347473E+0				
316816600.	.926514E+0	-.364441E+0	-.463528E-3	-.136246E-2	-.484780E-3	-
.134647E-2	.927368E+0	-.347595E+0				
316829200.	.926575E+0	-.364685E+0	-.456553E-3	-.133806E-2	-.486471E-3	-
.132951E-2	.927307E+0	-.347778E+0				
316841700.	.926453E+0	-.364746E+0	-.465059E-3	-.133143E-2	-.473158E-3	-
.131083E-2	.927246E+0	-.347778E+0				
316854200.	.926270E+0	-.364685E+0	-.460690E-3	-.130434E-2	-.458487E-3	-
.128415E-2	.927246E+0	-.347839E+0				
316866700.	.926331E+0	-.364929E+0	-.437787E-3	-.126470E-2	-.456606E-3	-
.126605E-2	.927124E+0	-.348083E+0				
316879200.	.926392E+0	-.364990E+0	-.436545E-3	-.126195E-2	-.458995E-3	-
.125204E-2	.927185E+0	-.348022E+0				
316891700.	.926147E+0	-.365295E+0	-.427819E-3	-.124634E-2	-.436992E-3	-
.123376E-2	.927002E+0	-.348145E+0				
316904200.	.926270E+0	-.365479E+0	-.415277E-3	-.123721E-2	-.427344E-3	-
.120783E-2	.927185E+0	-.348389E+0				
316916700.	.926270E+0	-.365540E+0	-.404261E-3	-.121454E-2	-.437375E-3	-
.119080E-2	.927124E+0	-.348389E+0				
316929200.	.926208E+0	-.365662E+0	-.405725E-3	-.118936E-2	-.431046E-3	-
.118404E-2	.927124E+0	-.348389E+0				
316941800.	.926208E+0	-.365723E+0	-.394029E-3	-.116967E-2	-.407830E-3	-
.115468E-2	.926941E+0	-.348755E+0				
316954300.	.925903E+0	-.365906E+0	-.377995E-3	-.115584E-2	-.384943E-3	-
.114865E-2	.927185E+0	-.348755E+0				
316966800.	.925903E+0	-.365906E+0	-.379426E-3	-.117566E-2	-.387382E-3	-
.115619E-2	.927002E+0	-.348755E+0				
316979300.	.925903E+0	-.366211E+0	-.387726E-3	-.115434E-2	-.396754E-3	-
.115098E-2	.926880E+0	-.348755E+0				
316991800.	.925964E+0	-.366272E+0	-.384670E-3	-.113958E-2	-.392958E-3	-
.112847E-2	.926819E+0	-.348938E+0				
317004300.	.925781E+0	-.366394E+0	-.375607E-3	-.113154E-2	-.396903E-3	-
.111574E-2	.926880E+0	-.349121E+0				
317016800.	.925598E+0	-.366516E+0	-.388980E-3	-.111656E-2	-.396574E-3	-
.111050E-2	.926880E+0	-.349182E+0				

317029300.	.925659E+0	-.366577E+0	-.373046E-3	-.109479E-2	-.382193E-3	-
.108421E-2	.926758E+0	-.349121E+0				
317041900.	.925781E+0	-.366699E+0	-.371374E-3	-.108142E-2	-.392472E-3	-
.107148E-2	.926758E+0	-.349365E+0				
317054400.	.925476E+0	-.366821E+0	-.369165E-3	-.107189E-2	-.386770E-3	-
.106377E-2	.926636E+0	-.349670E+0				
317066900.	.925720E+0	-.367004E+0	-.364488E-3	-.106090E-2	-.380097E-3	-
.103836E-2	.926697E+0	-.349426E+0				
317079400.	.925415E+0	-.366943E+0	-.354231E-3	-.104799E-2	-.380952E-3	-
.103196E-2	.926636E+0	-.349487E+0				
317091900.	.925720E+0	-.367004E+0	-.360506E-3	-.104007E-2	-.370586E-3	-
.101152E-2	.926575E+0	-.349609E+0				
317104400.	.925476E+0	-.367188E+0	-.356174E-3	-.101925E-2	-.367651E-3	-
.101853E-2	.926575E+0	-.349731E+0				
317116900.	.925476E+0	-.367432E+0	-.352597E-3	-.100112E-2	-.358646E-3	-
.991890E-3	.926514E+0	-.349731E+0				
317129400.	.925476E+0	-.367554E+0	-.353541E-3	-.100054E-2	-.355618E-3	-
.989206E-3	.926331E+0	-.349854E+0				
317142000.	.925415E+0	-.367554E+0	-.346250E-3	-.989773E-3	-.360512E-3	-
.990708E-3	.926514E+0	-.350037E+0				
317154500.	.925415E+0	-.367676E+0	-.338774E-3	-.976512E-3	-.358513E-3	-
.958091E-3	.926453E+0	-.350098E+0				
317167000.	.925232E+0	-.367798E+0	-.351076E-3	-.972404E-3	-.356282E-3	-
.946226E-3	.926392E+0	-.350159E+0				
317179500.	.925293E+0	-.367676E+0	-.318307E-3	-.953694E-3	-.351617E-3	-
.945547E-3	.926331E+0	-.350342E+0				
317192000.	.925232E+0	-.367798E+0	-.335495E-3	-.948024E-3	-.344483E-3	-
.940470E-3	.926453E+0	-.350342E+0				
317204500.	.924988E+0	-.367920E+0	-.335402E-3	-.941836E-3	-.345141E-3	-
.923313E-3	.926208E+0	-.350342E+0				
317217000.	.924927E+0	-.368164E+0	-.326227E-3	-.923838E-3	-.353424E-3	-
.903898E-3	.926086E+0	-.350281E+0				
317229500.	.924988E+0	-.368347E+0	-.337268E-3	-.917286E-3	-.352127E-3	-
.899496E-3	.926270E+0	-.350525E+0				
317242000.	.924866E+0	-.368408E+0	-.332696E-3	-.891690E-3	-.351110E-3	-
.899427E-3	.926086E+0	-.350586E+0				
317254600.	.924805E+0	-.368347E+0	-.344536E-3	-.889021E-3	-.352003E-3	-
.874153E-3	.926147E+0	-.350586E+0				
317267100.	.924805E+0	-.368530E+0	-.356393E-3	-.862570E-3	-.355059E-3	-
.853401E-3	.926025E+0	-.350647E+0				
317279600.	.924805E+0	-.368530E+0	-.348665E-3	-.837550E-3	-.347879E-3	-
.827540E-3	.926025E+0	-.350769E+0				
317292100.	.924927E+0	-.368652E+0	-.324004E-3	-.808117E-3	-.326700E-3	-
.794847E-3	.926086E+0	-.350708E+0				
317304600.	.924866E+0	-.368713E+0	-.302503E-3	-.790624E-3	-.308461E-3	-
.795291E-3	.926025E+0	-.350952E+0				
317317100.	.924622E+0	-.368896E+0	-.277514E-3	-.789314E-3	-.293483E-3	-
.792192E-3	.925964E+0	-.350952E+0				
317329600.	.924683E+0	-.368835E+0	-.274004E-3	-.797533E-3	-.279918E-3	-
.790463E-3	.925903E+0	-.351074E+0				
317342100.	.924622E+0	-.369080E+0	-.258997E-3	-.802133E-3	-.269428E-3	-
.781437E-3	.925842E+0	-.351013E+0				
317354700.	.924622E+0	-.369263E+0	-.257916E-3	-.788840E-3	-.262911E-3	-
.785223E-3	.925720E+0	-.351318E+0				
317367200.	.924744E+0	-.369202E+0	-.249610E-3	-.802330E-3	-.264784E-3	-
.793874E-3	.925781E+0	-.351196E+0				

317379700.	.924622E+0	-.369324E+0	-.254343E-3	-.799257E-3	-.272845E-3	-
.785779E-3	.925659E+0	-.351501E+0				
317392200.	.924622E+0	-.369507E+0	-.258802E-3	-.780724E-3	-.280963E-3	-
.769490E-3	.925659E+0	-.351440E+0				
317404700.	.924683E+0	-.369446E+0	-.258219E-3	-.776835E-3	-.272152E-3	-
.760615E-3	.925659E+0	-.351624E+0				
317417200.	.924500E+0	-.369568E+0	-.250613E-3	-.778163E-3	-.273789E-3	-
.767003E-3	.925903E+0	-.351501E+0				
317429700.	.924377E+0	-.369873E+0	-.249218E-3	-.774373E-3	-.259832E-3	-
.754607E-3	.925659E+0	-.351807E+0				
317442200.	.924438E+0	-.369629E+0	-.252365E-3	-.751855E-3	-.267887E-3	-
.742306E-3	.925537E+0	-.351746E+0				
317454800.	.924316E+0	-.369934E+0	-.254855E-3	-.751957E-3	-.260484E-3	-
.735583E-3	.925598E+0	-.351868E+0				
317467300.	.924133E+0	-.370056E+0	-.248374E-3	-.740130E-3	-.258598E-3	-
.733277E-3	.925537E+0	-.352112E+0				
317479800.	.924316E+0	-.369995E+0	-.248405E-3	-.732926E-3	-.253804E-3	-
.727580E-3	.925537E+0	-.351868E+0				
317492300.	.924316E+0	-.370239E+0	-.241958E-3	-.735446E-3	-.258855E-3	-
.720662E-3	.925659E+0	-.352173E+0				
317504800.	.924255E+0	-.370239E+0	-.243142E-3	-.720142E-3	-.258810E-3	-
.719764E-3	.925415E+0	-.352112E+0				