

Fréquence (MHz)	Magnitude (U)	Phase (°)
+3.000000000E+09	+5.4138127649E-02	+5.4138127649E-02
+3.003000000E+09	+5.2262208110E-02	-1.4876849514E+02
+3.006000000E+09	+5.4963347998E-02	+5.2262208110E-02
+3.009000000E+09	+5.8399193378E-02	-1.5037084715E+02
+3.012000000E+09	+6.2066696172E-02	+5.4963347998E-02
+3.015000000E+09	+6.2868916904E-02	-1.5372817393E+02
+3.018000000E+09	+6.6250800598E-02	+5.8399193378E-02
+3.021000000E+09	+7.3561740502E-02	-1.5291590968E+02
+3.024000000E+09	+7.6915474239E-02	+6.2066696172E-02
+3.027000000E+09	+7.7391525495E-02	-1.5388795938E+02
+3.030000000E+09	+8.2363694506E-02	+6.2868916904E-02
+3.033000000E+09	+8.9277192626E-02	-1.5478498946E+02
+3.036000000E+09	+9.0249113714E-02	+6.6250800598E-02
+3.039000000E+09	+9.6327367105E-02	-1.5697338504E+02
+3.042000000E+09	+9.8798476158E-02	+7.3561740502E-02
+3.045000000E+09	+1.0256798057E-01	-1.5710832222E+02
+3.048000000E+09	+1.0725164364E-01	+7.6915474239E-02
+3.051000000E+09	+1.1707073914E-01	-1.5656776722E+02

+3.0540000000E+09	+1.2232519802E-01	+7.7391525495E-02
+3.0570000000E+09	+1.2811755968E-01	-1.5922084621E+02
+3.0600000000E+09	+1.4245066205E-01	+8.2363694506E-02
+3.0630000000E+09	+1.4549834835E-01	-1.5957910450E+02
+3.0660000000E+09	+1.5376486287E-01	+8.9277192626E-02
+3.0690000000E+09	+1.6455027392E-01	-1.6035024478E+02
+3.0720000000E+09	+1.7352502923E-01	+9.0249113714E-02
+3.0750000000E+09	+1.8789461557E-01	-1.6210371149E+02
+3.0780000000E+09	+1.9514964662E-01	+9.6327367105E-02
+3.0810000000E+09	+2.1181182390E-01	-1.6346168848E+02
+3.0840000000E+09	+2.222371345E-01	+9.8798476158E-02
+3.0870000000E+09	+2.3776201970E-01	-1.6482842320E+02
+3.0900000000E+09	+2.5775086588E-01	+1.0256798057E-01
+3.0930000000E+09	+2.7791320078E-01	-1.6600695451E+02
+3.0960000000E+09	+2.9841552990E-01	+1.0725164364E-01
+3.0990000000E+09	+3.1654024013E-01	-1.6702432411E+02
+3.1020000000E+09	+3.4321246512E-01	+1.1707073914E-01
+3.1050000000E+09	+3.6606619840E-01	-1.6796142377E+02

+3.1080000000E+09	+3.9632832986E-01	+1.2232519802E-01
+3.1110000000E+09	+4.2737815161E-01	-1.6978263523E+02
+3.1140000000E+09	+4.5771689356E-01	+1.2811755968E-01
+3.1170000000E+09	+4.9625028859E-01	-1.7182389340E+02
+3.1200000000E+09	+5.3811611404E-01	+1.4245066205E-01
+3.1230000000E+09	+5.7983554931E-01	-1.7091173262E+02
+3.1260000000E+09	+6.1815169832E-01	+1.4549834835E-01
+3.1290000000E+09	+6.6365502922E-01	-1.7311145185E+02
+3.1320000000E+09	+7.0820825600E-01	+1.5376486287E-01
+3.1350000000E+09	+7.4793831284E-01	-1.7419309529E+02
+3.1380000000E+09	+7.8882016871E-01	+1.6455027392E-01
+3.1410000000E+09	+8.1766864660E-01	-1.7616377552E+02
+3.1440000000E+09	+8.5280514347E-01	+1.7352502923E-01
+3.1470000000E+09	+8.6910234568E-01	-1.7719398565E+02
+3.1500000000E+09	+8.9098737141E-01	+1.8789461557E-01
+3.1530000000E+09	+8.9088736436E-01	-1.7818080585E+02
+3.1560000000E+09	+8.9890790408E-01	+1.9514964662E-01
+3.1590000000E+09	+8.9405989290E-01	+1.7871415436E+02
+3.1620000000E+09	+8.9163413200E-01	+2.1181182390E-01

+3.1650000000E+09	+8.8039824219E-01	+1.7757002075E+02
+3.1680000000E+09	+8.7160986146E-01	+2.2222371345E-01
+3.1710000000E+09	+8.6351694679E-01	+1.7553182904E+02
+3.1740000000E+09	+8.5144172460E-01	+2.3776201970E-01
+3.1770000000E+09	+8.4235117285E-01	+1.7371932257E+02
+3.1800000000E+09	+8.3249386838E-01	+2.5775086588E-01
+3.1830000000E+09	+8.2593827770E-01	+1.7229488200E+02
+3.1860000000E+09	+8.1605649120E-01	+2.7791320078E-01
+3.1890000000E+09	+8.0681673207E-01	+1.7100428687E+02
+3.1920000000E+09	+7.9999619583E-01	+2.9841552990E-01
+3.1950000000E+09	+7.9815080192E-01	+1.6777459511E+02
+3.1980000000E+09	+7.9373150947E-01	+3.1654024013E-01
+3.2010000000E+09	+7.8758046706E-01	+1.6514631890E+02
+3.2040000000E+09	+7.8650777407E-01	+3.4321246512E-01
+3.2070000000E+09	+7.8016506404E-01	+1.6307290625E+02
+3.2100000000E+09	+7.8023700574E-01	+3.6606619840E-01
+3.2130000000E+09	+7.7920618371E-01	+1.5986089796E+02
+3.2160000000E+09	+7.7925316892E-01	+3.9632832986E-01

+3.2190000000E+09	+7.8125910029E-01	+1.5685000765E+02
+3.2220000000E+09	+7.8140268201E-01	+4.2737815161E-01
+3.2250000000E+09	+7.8233463003E-01	+1.5395756296E+02
+3.2280000000E+09	+7.8520849947E-01	+4.5771689356E-01
+3.2310000000E+09	+7.8703582075E-01	+1.4938646373E+02
+3.2340000000E+09	+7.8942906291E-01	+4.9625028859E-01
+3.2370000000E+09	+7.9377959316E-01	+1.4561442302E+02
+3.2400000000E+09	+7.9809775605E-01	+5.3811611404E-01
+3.2430000000E+09	+8.0055521946E-01	+1.4193758032E+02
+3.2460000000E+09	+8.0623261868E-01	+5.7983554931E-01
+3.2490000000E+09	+8.0689721617E-01	+1.3759848423E+02
+3.2520000000E+09	+8.1416120562E-01	+6.1815169832E-01
+3.2550000000E+09	+8.1783824455E-01	+1.3206236781E+02
+3.2580000000E+09	+8.2284313913E-01	+6.6365502922E-01
+3.2610000000E+09	+8.2828940765E-01	+1.2734542557E+02
+3.2640000000E+09	+8.3362177287E-01	+7.0820825600E-01
+3.2670000000E+09	+8.4072481861E-01	+1.2214458238E+02
+3.2700000000E+09	+8.4535674682E-01	+7.4793831284E-01
+3.2730000000E+09	+8.4730478163E-01	+1.1627532326E+02

+3.2760000000E+09	+8.5627000620E-01	+7.8882016871E-01
+3.2790000000E+09	+8.6300579551E-01	+1.1072659949E+02
+3.2820000000E+09	+8.6930079811E-01	+8.1766864660E-01
+3.2850000000E+09	+8.7679439353E-01	+1.0387589027E+02
+3.2880000000E+09	+8.7829738754E-01	+8.5280514347E-01
+3.2910000000E+09	+8.9154842410E-01	+9.7866217343E+01
+3.2940000000E+09	+8.9289727977E-01	+8.6910234568E-01
+3.2970000000E+09	+8.9892767760E-01	+9.2086399665E+01
+3.3000000000E+09	+9.0551994887E-01	+8.9098737141E-01
+3.3030000000E+09	+9.0886114197E-01	+8.5685318931E+01
+3.3060000000E+09	+9.1443053357E-01	+8.9088736436E-01
+3.3090000000E+09	+9.1800403242E-01	+7.9645131200E+01
+3.3120000000E+09	+9.2027153310E-01	+8.9890790408E-01
+3.3150000000E+09	+9.2851178872E-01	+7.3897381545E+01
+3.3180000000E+09	+9.3272738584E-01	+8.9405989290E-01
+3.3210000000E+09	+9.3234045603E-01	+6.8759408224E+01
+3.3240000000E+09	+9.3897767190E-01	+8.9163413200E-01
+3.3270000000E+09	+9.4074246238E-01	+6.3588048868E+01

+3.3300000000E+09	+9.4492955389E-01	+8.8039824219E-01
+3.3330000000E+09	+9.4124201499E-01	+5.9089435066E+01
+3.3360000000E+09	+9.4415853971E-01	+8.7160986146E-01
+3.3390000000E+09	+9.4485478757E-01	+5.4439711985E+01
+3.3420000000E+09	+9.4743813266E-01	+8.6351694679E-01
+3.3450000000E+09	+9.4622693703E-01	+5.0128940663E+01
+3.3480000000E+09	+9.4494154103E-01	+8.5144172460E-01
+3.3510000000E+09	+9.4967164642E-01	+4.6124391540E+01
+3.3540000000E+09	+9.4536949230E-01	+8.4235117285E-01
+3.3570000000E+09	+9.3489090331E-01	+4.2357833443E+01
+3.3600000000E+09	+9.3848825299E-01	+8.3249386838E-01
+3.3630000000E+09	+9.3267881305E-01	+3.8822163071E+01
+3.3660000000E+09	+9.3637172312E-01	+8.2593827770E-01
+3.3690000000E+09	+9.3232267482E-01	+3.5196235419E+01
+3.3720000000E+09	+9.2759758411E-01	+8.1605649120E-01
+3.3750000000E+09	+9.2039388795E-01	+3.2183975807E+01
+3.3780000000E+09	+9.1814928891E-01	+8.0681673207E-01
+3.3810000000E+09	+9.1871554850E-01	+2.8752880727E+01
+3.3840000000E+09	+9.1635338073E-01	+7.9999619583E-01

+3.3870000000E+09	+8.9922006046E-01	+2.6293038396E+01
+3.3900000000E+09	+9.0545634325E-01	+7.9815080192E-01
+3.3930000000E+09	+8.9657269828E-01	+2.3081483694E+01
+3.3960000000E+09	+8.9986534543E-01	+7.9373150947E-01
+3.3990000000E+09	+8.9507854480E-01	+2.0370718138E+01
+3.4020000000E+09	+8.9115472694E-01	+7.8758046706E-01
+3.4050000000E+09	+8.8807884045E-01	+1.7603337370E+01
+3.4080000000E+09	+8.7622347319E-01	+7.8650777407E-01
+3.4110000000E+09	+8.7561414379E-01	+1.4848052081E+01
+3.4140000000E+09	+8.7140230047E-01	+7.8016506404E-01
+3.4170000000E+09	+8.7720120171E-01	+1.2209160411E+01
+3.4200000000E+09	+8.7229868784E-01	+7.8023700574E-01
+3.4230000000E+09	+8.5945901604E-01	+9.8548315970E+00
+3.4260000000E+09	+8.6589372731E-01	+7.7920618371E-01
+3.4290000000E+09	+8.5784015637E-01	+7.2053677807E+00
+3.4320000000E+09	+8.5693254864E-01	+7.7925316892E-01
+3.4350000000E+09	+8.5565073848E-01	+4.7622929927E+00
+3.4380000000E+09	+8.5065884565E-01	+7.8125910029E-01

+3.4410000000E+09	+8.4767963855E-01	+2.4622661443E+00
+3.4440000000E+09	+8.5426770436E-01	+7.8140268201E-01
+3.4470000000E+09	+8.4901551734E-01	+5.2894147562E-02
+3.4500000000E+09	+8.5517124104E-01	+7.8233463003E-01
+3.4530000000E+09	+8.4216157272E-01	-2.2792089861E+00
+3.4560000000E+09	+8.4681886616E-01	+7.8520849947E-01
+3.4590000000E+09	+8.4441641015E-01	-4.6758344073E+00
+3.4620000000E+09	+8.5609536200E-01	+7.8703582075E-01
+3.4650000000E+09	+8.4790715988E-01	-7.1975188165E+00
+3.4680000000E+09	+8.4819350399E-01	+7.8942906291E-01
+3.4710000000E+09	+8.4636083319E-01	-9.4552556966E+00
+3.4740000000E+09	+8.4989436634E-01	+7.9377959316E-01
+3.4770000000E+09	+8.4873523240E-01	-1.1626835507E+01
+3.4800000000E+09	+8.4832345481E-01	+7.9809775605E-01
+3.4830000000E+09	+8.4844931442E-01	-1.3951227112E+01
+3.4860000000E+09	+8.4890123838E-01	+8.0055521946E-01
+3.4890000000E+09	+8.4453018856E-01	-1.6425206777E+01
+3.4920000000E+09	+8.5108035435E-01	+8.0623261868E-01
+3.4950000000E+09	+8.4684925072E-01	-1.8492458578E+01

+3.4980000000E+09	+8.4321454596E-01	+8.0689721617E-01
+3.5010000000E+09	+8.5550941022E-01	-2.0961943384E+01
+3.5040000000E+09	+8.5253266316E-01	+8.1416120562E-01
+3.5070000000E+09	+8.4848847085E-01	-2.3344641330E+01
+3.5100000000E+09	+8.5303949122E-01	+8.1783824455E-01
+3.5130000000E+09	+8.5335505580E-01	-2.5724500457E+01
+3.5160000000E+09	+8.6114499642E-01	+8.2284313913E-01
+3.5190000000E+09	+8.5936918906E-01	-2.8116244900E+01
+3.5220000000E+09	+8.5348571427E-01	+8.2828940765E-01
+3.5250000000E+09	+8.5834746064E-01	-3.0212610947E+01
+3.5280000000E+09	+8.5426482663E-01	+8.3362177287E-01
+3.5310000000E+09	+8.5848945694E-01	-3.2801489389E+01
+3.5340000000E+09	+8.5863604451E-01	+8.4072481861E-01
+3.5370000000E+09	+8.6218038090E-01	-3.5205216818E+01
+3.5400000000E+09	+8.6373969581E-01	+8.4535674682E-01
+3.5430000000E+09	+8.6116732740E-01	-3.7527808724E+01
+3.5460000000E+09	+8.6195033699E-01	+8.4730478163E-01
+3.5490000000E+09	+8.6065003853E-01	-3.9806696410E+01

+3.5520000000E+09	+8.6252274205E-01	+8.5627000620E-01
+3.5550000000E+09	+8.6740435050E-01	-4.2203282125E+01
+3.5580000000E+09	+8.6816297717E-01	+8.6300579551E-01
+3.5610000000E+09	+8.7031692670E-01	-4.4551114621E+01
+3.5640000000E+09	+8.6923470653E-01	+8.6930079811E-01
+3.5670000000E+09	+8.7118438949E-01	-4.7125955792E+01
+3.5700000000E+09	+8.7081775190E-01	+8.7679439353E-01
+3.5730000000E+09	+8.7188658052E-01	-4.9502823595E+01
+3.5760000000E+09	+8.7683263989E-01	+8.7829738754E-01
+3.5790000000E+09	+8.7728542127E-01	-5.1817957039E+01
+3.5820000000E+09	+8.7665337311E-01	+8.9154842410E-01
+3.5850000000E+09	+8.8048921047E-01	-5.4234016062E+01
+3.5880000000E+09	+8.7692673214E-01	+8.9289727977E-01
+3.5910000000E+09	+8.8067974921E-01	-5.6581265542E+01
+3.5940000000E+09	+8.8047338660E-01	+8.9892767760E-01
+3.5970000000E+09	+8.8369781697E-01	-5.9304964890E+01
+3.6000000000E+09	+8.8612337668E-01	+9.0551994887E-01
+3.6030000000E+09	+8.8856115933E-01	-6.1515649400E+01
+3.6060000000E+09	+8.9033704412E-01	+9.0886114197E-01

+3.6090000000E+09	+8.9416124806E-01	-6.4234263531E+01
+3.6120000000E+09	+8.9429488995E-01	+9.1443053357E-01
+3.6150000000E+09	+8.9565833737E-01	-6.6564244750E+01
+3.6180000000E+09	+8.9959668095E-01	+9.1800403242E-01
+3.6210000000E+09	+9.0082392587E-01	-6.9054712670E+01
+3.6240000000E+09	+9.0209118311E-01	+9.2027153310E-01
+3.6270000000E+09	+9.0373240571E-01	-7.1455775909E+01
+3.6300000000E+09	+9.0365803232E-01	+9.2851178872E-01
+3.6330000000E+09	+9.0798483443E-01	-7.4210403782E+01
+3.6360000000E+09	+9.1006786816E-01	+9.3272738584E-01
+3.6390000000E+09	+9.1370059988E-01	-7.6537775267E+01
+3.6420000000E+09	+9.1314869177E-01	+9.3234045603E-01
+3.6450000000E+09	+9.1515652303E-01	-7.9177435589E+01
+3.6480000000E+09	+9.1903061264E-01	+9.3897767190E-01
+3.6510000000E+09	+9.2031830840E-01	-8.1703449359E+01
+3.6540000000E+09	+9.2283047141E-01	+9.4074246238E-01
+3.6570000000E+09	+9.2341210590E-01	-8.4199032377E+01
+3.6600000000E+09	+9.2629643906E-01	+9.4492955389E-01

+3.6630000000E+09	+9.2896396961E-01	-8.6697797119E+01
+3.6660000000E+09	+9.2951098905E-01	+9.4124201499E-01
+3.6690000000E+09	+9.3025485302E-01	-8.9291632143E+01
+3.6720000000E+09	+9.3029147949E-01	+9.4415853971E-01
+3.6750000000E+09	+9.3105054099E-01	-9.1853922373E+01
+3.6780000000E+09	+9.3484014013E-01	+9.4485478757E-01
+3.6810000000E+09	+9.3429569267E-01	-9.4224482925E+01
+3.6840000000E+09	+9.3635072104E-01	+9.4743813266E-01
+3.6870000000E+09	+9.3725873670E-01	-9.6786643601E+01
+3.6900000000E+09	+9.3880049678E-01	+9.4622693703E-01
+3.6930000000E+09	+9.3789912811E-01	-9.9326370786E+01
+3.6960000000E+09	+9.3916953519E-01	+9.4494154103E-01
+3.6990000000E+09	+9.3916418578E-01	-1.0166167610E+02
+3.7020000000E+09	+9.4146639808E-01	+9.4967164642E-01
+3.7050000000E+09	+9.3759753306E-01	-1.0404824010E+02
+3.7080000000E+09	+9.4042412443E-01	+9.4536949230E-01
+3.7110000000E+09	+9.3989642444E-01	-1.0666491032E+02
+3.7140000000E+09	+9.4201398650E-01	+9.3489090331E-01
+3.7170000000E+09	+9.4288934582E-01	-1.0907362838E+02

+3.7200000000E+09	+9.4353248334E-01	+9.3848825299E-01
+3.7230000000E+09	+9.4169345792E-01	-1.1126001133E+02
+3.7260000000E+09	+9.4123821679E-01	+9.3267881305E-01
+3.7290000000E+09	+9.4177813544E-01	-1.1374329230E+02
+3.7320000000E+09	+9.4279088291E-01	+9.3637172312E-01
+3.7350000000E+09	+9.4312838987E-01	-1.1580523137E+02
+3.7380000000E+09	+9.4520384843E-01	+9.3232267482E-01
+3.7410000000E+09	+9.4272735233E-01	-1.1816018988E+02
+3.7440000000E+09	+9.4223840932E-01	+9.2759758411E-01
+3.7470000000E+09	+9.4210714279E-01	-1.2053445322E+02
+3.7500000000E+09	+9.4277796223E-01	+9.2039388795E-01
+3.7530000000E+09	+9.4456652101E-01	-1.2265156604E+02
+3.7560000000E+09	+9.4361535477E-01	+9.1814928891E-01
+3.7590000000E+09	+9.4549110370E-01	-1.2506277206E+02
+3.7620000000E+09	+9.4542681577E-01	+9.1871554850E-01
+3.7650000000E+09	+9.4681256859E-01	-1.2703617040E+02
+3.7680000000E+09	+9.4697126679E-01	+9.1635338073E-01
+3.7710000000E+09	+9.4908105771E-01	-1.2933680315E+02

+3.7740000000E+09	+9.4770465686E-01	+8.9922006046E-01
+3.7770000000E+09	+9.5024886769E-01	-1.3149628282E+02
+3.7800000000E+09	+9.5036957804E-01	+9.0545634325E-01
+3.7830000000E+09	+9.5042692969E-01	-1.3339960226E+02
+3.7860000000E+09	+9.5313650710E-01	+8.9657269828E-01
+3.7890000000E+09	+9.5346290286E-01	-1.3558183715E+02
+3.7920000000E+09	+9.5473823367E-01	+8.9986534543E-01
+3.7950000000E+09	+9.5463885669E-01	-1.3744007809E+02
+3.7980000000E+09	+9.5397386998E-01	+8.9507854480E-01
+3.8010000000E+09	+9.5666659969E-01	-1.3951048244E+02
+3.8040000000E+09	+9.5704161951E-01	+8.9115472694E-01
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+3.8160000000E+09	+9.5973643077E-01	+8.7622347319E-01
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+3.8220000000E+09	+9.6187420926E-01	+8.7561414379E-01
+3.8250000000E+09	+9.6362025720E-01	-1.4706384947E+02
+3.8280000000E+09	+9.6437475732E-01	+8.7140230047E-01

+3.8310000000E+09	+9.6341751481E-01	-1.4921988845E+02
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+3.8370000000E+09	+9.6448583077E-01	-1.5068637255E+02
+3.8400000000E+09	+9.6604968633E-01	+8.7229868784E-01
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+3.8700000000E+09	+9.6655074326E-01	+8.5565073848E-01
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+3.8820000000E+09	+9.6908021111E-01	+8.4767963855E-01

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+3.9030000000E+09	+9.6748467111E-01	-1.7015095342E+02
+3.9060000000E+09	+9.6678737659E-01	+8.4216157272E-01
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+3.9240000000E+09	+9.6524033219E-01	+8.5609536200E-01
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+3.9360000000E+09	+9.6616540166E-01	+8.4819350399E-01
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+3.945000000E+09	+9.6697110919E-01	+1.7776019052E+02
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+3.954000000E+09	+9.6763365255E-01	+8.4873523240E-01
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+3.972000000E+09	+9.7555953969E-01	+8.4890123838E-01
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+3.984000000E+09	+9.7216949369E-01	+8.5108035435E-01
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+3.990000000E+09	+9.6791415309E-01	+8.4684925072E-01
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+4.0200000000E+09	+9.7696853718E-01	+8.5303949122E-01
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+4.0320000000E+09	+9.7768448330E-01	+8.6114499642E-01
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+4.3920000000E+09	+9.6912964345E-01	+9.3916953519E-01
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+4.3980000000E+09	+9.7021871803E-01	+9.3916418578E-01
+4.4010000000E+09	+9.7046628156E-01	+5.2457483492E+01
+4.4040000000E+09	+9.7087671787E-01	+9.4146639808E-01
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+4.4100000000E+09	+9.7181065361E-01	+9.3759753306E-01
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+4.4160000000E+09	+9.7262830345E-01	+9.4042412443E-01
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+4.4220000000E+09	+9.7454013714E-01	+9.3989642444E-01
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+4.4280000000E+09	+9.7381571151E-01	+9.4201398650E-01
+4.4310000000E+09	+9.7192974374E-01	+4.4441168527E+01
+4.4340000000E+09	+9.7482434493E-01	+9.4288934582E-01
+4.4370000000E+09	+9.7412231730E-01	+4.2910121083E+01

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+4.4580000000E+09	+9.7812736995E-01	+9.4177813544E-01
+4.4610000000E+09	+9.7564574065E-01	+3.6441931729E+01
+4.4640000000E+09	+9.7768385302E-01	+9.4279088291E-01
+4.4670000000E+09	+9.7579605186E-01	+3.4952361789E+01
+4.4700000000E+09	+9.7749510334E-01	+9.4312838987E-01
+4.4730000000E+09	+9.7699551007E-01	+3.3246714155E+01
+4.4760000000E+09	+9.7668147570E-01	+9.4520384843E-01
+4.4790000000E+09	+9.7974819872E-01	+3.1798098291E+01
+4.4820000000E+09	+9.8007660695E-01	+9.4272735233E-01
+4.4850000000E+09	+9.7819667254E-01	+3.0209709069E+01
+4.4880000000E+09	+9.8086283431E-01	+9.4223840932E-01
+4.4910000000E+09	+9.7812457325E-01	+2.8665294843E+01
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+4.5000000000E+09	+9.7880971155E-01	+9.4277796223E-01
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+4.5060000000E+09	+9.7917699943E-01	+9.4456652101E-01
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+4.5360000000E+09	+9.7844163206E-01	+9.4697126679E-01
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+4.5450000000E+09	+9.7728023081E-01	+1.4536033488E+01
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+5.2350000000E+09	+7.5381815551E-01	-1.5733596243E+02
+5.2380000000E+09	+7.4973151461E-01	+9.7449586644E-01
+5.2410000000E+09	+7.4716968839E-01	-1.5877303186E+02
+5.2440000000E+09	+7.4501469463E-01	+9.7353612529E-01
+5.2470000000E+09	+7.4089559970E-01	-1.6030987158E+02
+5.2500000000E+09	+7.3987801451E-01	+9.7568586169E-01
+5.2530000000E+09	+7.3929847742E-01	-1.6165997683E+02
+5.2560000000E+09	+7.3646133041E-01	+9.7518659130E-01
+5.2590000000E+09	+7.3657303111E-01	-1.6322651305E+02
+5.2620000000E+09	+7.3665738898E-01	+9.7793666473E-01
+5.2650000000E+09	+7.3342931485E-01	-1.6460364162E+02
+5.2680000000E+09	+7.3255713608E-01	+9.7565670325E-01
+5.2710000000E+09	+7.3263532080E-01	-1.6608874127E+02

+5.2740000000E+09	+7.3476778830E-01	+9.7540515576E-01
+5.2770000000E+09	+7.3610671225E-01	-1.6755263293E+02
+5.2800000000E+09	+7.3579559136E-01	+9.7963549425E-01
+5.2830000000E+09	+7.3875762044E-01	-1.6881232337E+02
+5.2860000000E+09	+7.4129027984E-01	+9.7444067284E-01
+5.2890000000E+09	+7.4530714230E-01	-1.7060161491E+02
+5.2920000000E+09	+7.4944388020E-01	+9.6831568916E-01
+5.2950000000E+09	+7.5319377365E-01	-1.7228742767E+02
+5.2980000000E+09	+7.5921370434E-01	+9.7794560206E-01
+5.3010000000E+09	+7.6268012148E-01	-1.7324900485E+02
+5.3040000000E+09	+7.6962246578E-01	+9.7942587783E-01
+5.3070000000E+09	+7.7634647068E-01	-1.7456166933E+02
+5.3100000000E+09	+7.8277427895E-01	+9.8183866619E-01
+5.3130000000E+09	+7.9048583703E-01	-1.7586308031E+02
+5.3160000000E+09	+8.0038678449E-01	+9.7741694809E-01
+5.3190000000E+09	+8.0721373394E-01	-1.7766874046E+02
+5.3220000000E+09	+8.1288064102E-01	+9.7718038528E-01
+5.3250000000E+09	+8.2171399254E-01	-1.7906683931E+02

+5.3280000000E+09	+8.3306734978E-01	+9.7683568362E-01
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+5.3370000000E+09	+8.5884808317E-01	+1.7790065129E+02
+5.3400000000E+09	+8.7046082893E-01	+9.8143640408E-01
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+5.4060000000E+09	+9.4876210579E-01	+9.7490608192E-01
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+5.4540000000E+09	+8.3749314118E-01	+9.7652605774E-01
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+5.4600000000E+09	+8.0879413942E-01	+9.7436078323E-01
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+5.4660000000E+09	+7.7956957954E-01	+9.7674502459E-01
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+5.7690000000E+09	+2.3806932769E-02	+7.5481242117E+01

+5.7720000000E+09	+2.2491316229E-02	+9.7038448048E-01
+5.7750000000E+09	+2.0834165621E-02	+7.4082930857E+01
+5.7780000000E+09	+2.2388301182E-02	+9.7068025431E-01
+5.7810000000E+09	+1.8383190976E-02	+7.2103562955E+01
+5.7840000000E+09	+1.7751888299E-02	+9.6912964345E-01
+5.7870000000E+09	+1.8671514771E-02	+7.1396798065E+01
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+5.8920000000E+09	+7.8560931264E-03	+9.7547610280E-01
+5.8950000000E+09	+5.9211307971E-03	+4.5944503078E+01
+5.8980000000E+09	+7.7309179409E-03	+9.7504654567E-01
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+5.9130000000E+09	+3.5758440749E-03	+4.1628224718E+01
+5.9160000000E+09	+4.4033741259E-03	+9.7812736995E-01
+5.9190000000E+09	+3.6560054885E-03	+4.0146422644E+01
+5.9220000000E+09	+3.9005740253E-03	+9.7564574065E-01
+5.9250000000E+09	+6.0189808890E-03	+3.8800582189E+01
+5.9280000000E+09	+6.4128029136E-03	+9.7768385302E-01
+5.9310000000E+09	+6.7537398804E-03	+3.6959078068E+01
+5.9340000000E+09	+5.7424585003E-03	+9.7579605186E-01
+5.9370000000E+09	+3.7397677379E-03	+3.5691583883E+01

+5.9400000000E+09	+3.8890873701E-03	+9.7749510334E-01
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+5.9460000000E+09	+5.2848342621E-03	+9.7699551007E-01
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+5.9520000000E+09	+7.1220248565E-03	+9.7668147570E-01
+5.9550000000E+09	+3.4990253140E-03	+3.1253669062E+01
+5.9580000000E+09	+7.7376087957E-03	+9.7974819872E-01
+5.9610000000E+09	+4.9547251248E-03	+2.9930664676E+01
+5.9640000000E+09	+3.5881954446E-03	+9.8007660695E-01
+5.9670000000E+09	+3.1878538480E-03	+2.8780640138E+01
+5.9700000000E+09	+2.5629720917E-03	+9.7819667254E-01
+5.9730000000E+09	+1.8424749305E-03	+2.7227892111E+01
+5.9760000000E+09	+2.3197466210E-03	+9.8086283431E-01
+5.9790000000E+09	+5.2304934534E-03	+2.5759694269E+01
+5.9820000000E+09	+5.4678536317E-03	+9.7812457325E-01
+5.9850000000E+09	+5.2839014634E-03	+2.4461075728E+01
+5.9880000000E+09	+3.7555077010E-03	+9.7946449431E-01
+5.9910000000E+09	+1.5723104725E-03	+2.2817068099E+01

+5.9940000000E+09	+2.2562248604E-03	+9.7965173371E-01
+5.9970000000E+09	+2.9418759421E-03	+2.1514451155E+01
+6.0000000000E+09	+2.4470705135E-03	+9.7880971155E-01