

```
##TITLE=Parameter List, ParaVision 360 V2.0 pl 1
##JCAMPDX=4.24
##DATATYPE=Parameter Values
##ORIGIN=Bruker BioSpin MRI GmbH
##OWNER=nmrsu
$$ Write Options: Symbolic Enums, RLE encoded arrays, symbol visibility
$$ 2020-11-12 10:20:05.451 -0500 nmrsu@snrimri
$$
/opt/PV-360.2.0.pl.1/data/nmrsu/20201112_094204_2021_00060_ID_A1950_2021_00060_ID_A
1950_1_1/5/method
$$ process /opt/PV-360.2.0.pl.1/prog/bin/parxserver
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, <FOV Saturation>) (<BRUKER_PARIMPORT_SLICEORIENT>, <>, <Slice Orientation>)
(<BRUKER_PARIMPORT_MAPSHIM>, <>, <Shim Volume>)
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##$PVM_EchoTime=0.672
##$PVM_MinEchoTime=23.4597935856455
##$NSegments=4
##$PVM_RepetitionTime=5500
##$PackDel=0.001
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##$PVM_DiffPrepMode=<SpinEcho>
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0.14782164131072, 1, 0, 43.3654493495209, <$PVM_DwRfcPulse1Shape>)
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0.267984568628901 0.103377180464046 -0.0234355364640702 -0.217269456716145
-0.297263900539368 -0.340979071385586 -0.337125796748684 -0.262583735044368
-0.116159371311077 0.057543422803241 0.231991983565801 0.298015920978396
0.348616441732471 0.322773716694459 0.187164813906658 0.0449476558536924
-0.133337980176548

##\$PVM_DwGradPhase=(65)

0 0 0 0 0 0.0258700966835096 0.014192461752622 -0.0932948294868947
-0.0713823940987915 0.114199421021409 0.122592851589704 0.00364890527653136
-0.0947601876622143 -0.17639670897346 -0.1128183536353 0.0130650058534763
0.20645714321034 0.210180489833706 0.112148020033751 -0.101203869484307
-0.191478511520976 -0.256360096751147 -0.211765242337785 -0.0287613376423261
0.0920884816062563 0.194499009345604 0.284204559923391 0.196895271232272
0.0846602773792977 -0.0227967103708818 -0.198523077759095 -0.276589883930806
-0.289290733863829 -0.136134173403071 0.044620778906896 0.164905703077698
0.258100962007782 0.277277016444544 0.283505021220243 0.16264294439104
0.0662284387648199 -0.148683402911253 -0.259804108961676 -0.326054944274002
-0.306881894321382 -0.234307451054243 -0.0577083051516525 0.116020385417925
0.218264307850979 0.322401667207993 0.335096724303311 0.255842352400502
0.182689722775827 0.0825907489466399 -0.0437701827549768 -0.225912993340929
-0.322204344254617 -0.344335691559837 -0.262689866032764 -0.167152302693267
0.0213015376352566 0.13468753803529 0.296524265621191 0.347921753738987
0.320870985378868

##\$PVM_DwGradSlice=(65)

0 0 0 0 0 0.348589011241241 0.339283273787114 0.337402786510684
0.332190273411005 0.315392733419502 0.327238312413285 0.288297928214379
0.308552242864858 0.297194585494947 0.27835584710046 0.311048666231075
0.280956166660761 0.267543527243155 0.296533269789507 0.242701556773177
0.28399967683 0.23938708710439 0.232532934013274 0.24017383057301
0.256977478747827 0.245143712175924 0.204865618389953 0.218875487702014
0.22739348918136 0.192342307674222 0.224747870248886 0.193437694979706
0.174489061378916 0.191142164769559 0.171754670946444 0.174691783111088
0.138091150190434 0.195221842193511 0.164666495797544 0.146393954476861
0.115410935785438 0.146716350731663 0.130791982035932 0.129318537076274
0.080229420450283 0.139184329756547 0.122721876535794 0.0873499882041311
0.0602989275501464 0.0919854407468567 0.101251956822646 0.102125763963024
0.0367373977956437 0.00174322518336225 0.086725809519104 0.0557144442534746
0.0760418224969049 0.0348236095010184 0.0162711896761237 0.079609147190006
0.0332237688522417 -0.0277018533282615 0.0115624435861317 0.00459992141550134
0.0485158896962214

##\$PVM_DwSpDir=(65, 3)

0.3 0.283150494692049 0.315952207391637 0.3 0.283150494692049
0.315952207391637 0.3 0.283150494692049 0.315952207391637 0.3
0.283150494692049 0.315952207391637 0.3 0.283150494692049 0.315952207391637
0.203280068611444 0.216612924478344 0.0118598612408923 -0.0168621697918427
0.254050923995684 0.0139096441912012 -0.224945651458205 -0.000452106890766927
-2.47534859863963e-05 0.0192618752650215 -0.0707024401422107
-0.00387105770118969 0 0 0 -0.199637332541506 0 0 0 0.287853116357329
0.0157603616034354 0 0 0 0.106005918730749 0 0 0 0 0.257665499520424
0.0141075472677206 0.174407262639083 0 0 -0.0250041500528443 0 0 0 0 0 0
-0.056084552505086 0 0 0.274249574482842 0 0 0 0 0 -0.207343729280746

-0.01135235981122 0 0.00431960674329497 0.000236504523975543 0 0 0
-0.240031453726287 0 0 0 0 0 0.02813411266932 0.00154038210414875 0
-0.22646606991145 -0.01239933476448 @13*(0) 0.156499037018807
0.00856854164102236 0 0 0 0 0 0.0110872345429245 0 0 0 0 0 0
0.087225801117921 0.0047757348753566 0 0 0 0 0 -0.27599712236448 0 0 0
-0.00231813333906099 0.0423392510001213 0 0 0 0 -0.114540986083477
-0.00627127953983571 0 -0.00106825539162224 0.0195110144856672 0
-0.00581654588404421 0.106235561168378 0 -0.000254591353888676
0.00464995134366157 -0.224754139739164 0 0 0 0 0 -0.00995231671947512
0.181772820621806 0 0.0186740656702266 0.295866293248441 0 -0.160403829889769
0.0127942573838054 0 -0.00662126325644963 0.120933219081461 0
-0.00305318516576939 0.0557645114304427 0.115241935774708 -0.0102882452392516
0.187908344268033 0 -0.0135447637097387 0.247386610934236 0
-0.00242701031294937 0.0443278206168548 0 0.220690463608206 0.205699148571558
0 -0.0212633809089438 0.388362311280865 0 -0.0143712930120951
0.262482650062683 0.15568390821331 -0.0155934291142228 0.284804199178255 0
-0.00788483027885216 0.144011477961361
##\$PVM_DwPerSep=(1)
5.578
##\$PVM_DwMinPerSep=(1)
5.578
##\$PVM_DwModDur=16.0022604291864
##\$PVM_DwModEchDel=16.0022604291864
##\$PVM_DwEffGradTraj=(6)
(1.17226042918639, 0.143, 0.143, 4.5, 35.0843266671292, RPS_KS, 0 0 1)
(6.06726042918639, 0.143, 0.143, 1.5, 30, RPS_KS, 0 0 1) (7.42426042918639,
0.143, 0, 1.279, 47.2985996067121, RPS_KS, 0 0 1) (8.70326042918639, 0, 0.143,
1.279, -47.2985996067121, RPS_KS, 0 0 1) (9.83926042918639, 0.143, 0.143,
1.5, -30, RPS_KS, 0 0 1) (11.4922604291864, 0.143, 0.143, 4.5,
-35.0843266671292, RPS_KS, 0 0 1)
##\$PVM_SpatDimEnum=<2D>
##\$PVM_IsotropicFovRes=Isot_None
##\$PVM_Matrix=(2)
120 100
##\$PVM_MinMatrix=(2)
16 16
##\$PVM_MaxMatrix=(2)
512 512
##\$PVM_DefMatrix=(3)
96 64 32
##\$PVM_AntiAlias=(2)
1 1
##\$PVM_MaxAntiAlias=(2)
2 8
##\$PVM_EncSpectroscopy=No
##\$PVM_EncUseMultiRec=Yes
##\$PVM_EncActReceivers=(1)
On
##\$PVM_EncZf=(2)
1 1
##\$PVM_EncPft=(2)
1 1.6
##\$PVM_EncPftOverscans=(2)
60 13
##\$PVM_EncPpi=(2)
1 1
##\$PVM_EncPpiRefLines=(2)
0 0
##\$PVM_EncOrder=(2)

```
LINEAR_ENC LINEAR_ENC
##$PVM_EncStart=( 2 )
0 -1
##$PVM_EncNReceivers=4
##$PVM_EncAvailReceivers=6
##$PVM_EncChanScaling=( 4 )
0.986 1 0.992 0.947
##$PVM_EncChanPhase=( 4 )
243.1 222.3 191.9 245.6
##$PVM_EncMatrix=( 2 )
120 60
##$PVM_EncTotalAccel=1.666666666666667
##$PVM_EncSteps1=( 60 )
-13 -9 -5 -1 3 7 11 15 19 23 27 31 35 39 43 -12 -8 -4 0 4 8 12 16 20 24 28 32
36 40 44 -11 -7 -3 1 5 9 13 17 21 25 29 33 37 41 45 -10 -6 -2 2 6 10 14 18 22
26 30 34 38 42 46
##$PVM_EncSteps2=( 1 )
0
##$PVM_EncCentralStep1=4
##$PVM_EncValues1=( 60 )
-0.26 -0.18 -0.1 -0.02 0.06 0.14 0.22 0.3 0.38 0.46 0.54 0.62 0.7 0.78 0.86
-0.24 -0.16 -0.08 0 0.08 0.16 0.24 0.32 0.4 0.48 0.56 0.64 0.72 0.8 0.88
-0.22 -0.14 -0.06 0.02 0.1 0.18 0.26 0.34 0.42 0.5 0.58 0.66 0.74 0.82 0.9
-0.2 -0.12 -0.04 0.04 0.12 0.2 0.28 0.36 0.44 0.52 0.6 0.68 0.76 0.84 0.92
##$PVM_EpiPrefixNavYes=Yes
##$PVM_EpiSingleNav=No
##$PVM_EpiCombine=No
##$PVM_EpiEchoMode=0
##$PVM_EpiGradSync=No
##$PVM_EpiTempGridding=No
##$PVM_EpiRampMode=UserSlope
##$PVM_EpiRampForm=Line
##$PVM_EpiRampComp=No
##$PVM_EpiNShots=4
##$PVM_EpiEchoPosition=20
##$PVM_EpiRampTime=0.05
##$PVM_EpiSlope=80
##$PVM_EpiEffSlope=77.4233029276538
##$PVM_EpiBlipTime=0.1
##$PVM_EpiEchoDelay=4.43089679282273
##$PVM_EpiModuleTime=12.8737935856455
##$PVM_EpiGradDwellTime=10
##$PVM_EpiAutoGhost=Yes
##$PVM_EpiMaxOrder=1
##$PVM_EpiDynCorr=No
##$PVM_EpiDoubleShotAdj=In_Multishot
##$PVM_EpiAcqDelayTrim=16.5
##$PVM_EpiBlipsOff=No
##$PVM_EpiBlipAsym=0
##$PVM_EpiReadAsym=0
##$PVM_EpiReadDepthTrim=100
##$PVM_EpiEchoTimeShifting=Yes
##$PVM_EpiEchoShiftA=( 4 )
0.001 0.169 0.337 0.505
##$PVM_EpiEchoShiftB=( 4 )
0.671 0.503 0.335 0.167
##$PVM_EpiDriftCorr=No
##$PVM_EpiGrappaSegAdj=Yes
##$PVM_EpiGrappaThresh=0.05
```



```
##$PVM_EpiUseNav=Yes
##$PVM_EpiUseDyn=Yes
##$PVM_EpiMatrix=( 4 )
120 60 0 0
##$PVM_EpiEchoSpacing=0.672
##$PVM_EpiEffBandwidth=5952.38095238095
##$PVM_EpiBandwidth=178571.428571429
##$PVM_EpiDePhaseTime=0.32889679282273
##$PVM_EpiRefDePhaseTime=0.32889679282273
##$PVM_EpiDePhaseRampTime=0.11
##$PVM_EpiPlateau=0.572
##$PVM_EpiAcqDelay=0.37889679282273
##$PVM_EpiInterTime=0.05
##$PVM_EpiSwitchTime=0.1
##$PVM_EpiReadDepthGrad=-0.5
##$PVM_EpiReadRefDepthGrad=-0.5
##$PVM_EpiReadOddGrad=-0.351924104216608
##$PVM_EpiReadEvenGrad=0.351924104216608
##$PVM_EpiPhaseDepthGrad=-0.121003215434084
##$PVM_EpiPhaseRephGrad=-0.484012861736334
##$PVM_EpiBlipOddGrad=0.189194398426849
##$PVM_EpiBlipEvenGrad=0.189194398426849
##$PVM_EpiPhaseEncGrad=0.189194398426849
##$PVM_EpiPhaseRewGrad=-0.189194398426849
##$PVM_EpiPhase3DGrad=0
##$PVM_EpiNEchoes=15
##$PVM_EpiEchoCounter=7
##$PVM_EpiRampUpIntegral=0.5
##$PVM_EpiRampDownIntegral=0.5
##$PVM_EpiBlipIntegral=0.5
##$PVM_EpiSlopeFactor=1
##$PVM_EpiSlewRate=4657.57508011029
##$PVM_EpiNSamplesPerScan=2110
##$PVM_EpiPrefixNavDur=1.344
##$PVM_EpiPrefixNavSize=240
##$PVM_EpiAdjustMode=0
##$PVM_EpiReadCenter=53
##$PVM_EpiPhaseCorrection=( 4, 200 )
-1.30322594877521 0.0198480178325823 0.0193148678712562 0.0260302223754342
-0.170342935226012 -0.0382479074741658 0.223605354784464 0.00466583304622411
-0.0232527215953698 -0.0797580484146135 -0.0564736547550635
0.0514862257095248 0.168068359714854 0.0048052461982251 0.0355595942576506
0.0750481871046194 0.0261459367954073 0.000548572937741308 0.0377152562684333
0.0592268566104745 0.0223403960635463 -0.0195990361478173 0.126891980200737
0.021267200161261 0.116669005333034 -0.0321385497323044 0.234244119535876
-0.0165774135344041 -0.0166291439392441 -0.0106230916411821
0.0256953800787227 -0.0111462071497885 -0.0877222996315731
-0.00937494128720495 0.109836575123607 -0.0186582013927076 0.0648581290103976
0.00843349688161766 0.207589420578545 -0.0246569639306364 -0.314466811180443
0.0217394009562142 -0.0827226303364224 -0.00685203723063084
-0.121833361363733 -0.0307782898968803 0.121490208716618 0.00299968657736349
0.0950459833951454 -0.0115617299478109 -0.0482851846266629
-0.00926497662258737 0.00509702415039131 -0.00962374488601264
-0.0252482058101522 -0.00900400343733267 0.029056712335949
-0.0081630364299845 -0.0336830165036352 -0.00314455439169989
-0.0157924034346607 -0.0103385783627459 0.0433140657147768
-0.00556673715798911 -0.0599785887160771 -0.0185355953705901
0.173660317149477 -0.0121200129723043 0.0239919677972023 -0.00978170252011247
0.0972058797171156 -0.0114172200137948 0.0239716586832664 -0.0122008644202898
```

-0.0708435571296648 -0.00664607624919773 0.0196242042669912
-0.00851809307542722 0.0203065646775787 -0.00999341591812256
-0.0201220271036396 -0.00818830200033131 -0.0302317711535059
-0.00378841798850148 -0.0273079395102213 -0.0159812620429832
-0.0211855859528702 -0.00922044018330373 0.211962888842474
-0.0236005677168901 -0.0250947584047999 0.00550774793651301 0.841787077248313
0.0270624770193712 0.794869315997995 0.0386995740570871 -0.137911063697163
0.0524297875866148 0.536418289332777 -0.0174280837366538 1.08676655984131
0.0175617357172876 0.484870954343941 -0.0678175603618526 -1.31802241115866
-0.0978851151440506 0.326823960671903 -0.0929466585666331 0.00248175912486006
-0.116780969993561 0.132232309662496 -0.0374621344317636 -0.232833759369159
-0.0112236740037745 0.0441623954170838 -0.0220019343277213 0.0538683141801442
0.00269121900497182 0.427469375587717 -0.012871022034256 0.0893935493444721
-0.0131848693311801 -0.0528299868473292 -0.0113896776642476
-0.064265531664912 -0.0349078179336008 -0.0272309882693046
-0.0121749413183209 0.187692952115385 -0.00360794234582376
0.00112928057718793 -0.0277046294758403 -0.0805245829346263
-0.0144309883081677 -0.147021472057623 -0.00974760031577965 -0.15372783615388
-0.0202804188672956 -0.10124489305728 -0.00456028736983437 -0.236543083169271
-0.0398006203015325 0.00669715551919382 -0.0287788754488838
-0.0562388649207153 -0.00918636072316426 0.00819824798514659
-0.00924074819495907 0.0562892315071689 -0.0107049609591828
0.00427577616325922 -0.0101583058277487 -0.00673354016986504
-0.0107343481168914 -0.0216385513755691 -0.00753509036415907
0.0441507917868385 -0.00939951166417671 0.123504225192126 -0.0089594510319247
-0.0101003159594034 -0.00823859817504215 -0.0184279888493957
-0.00742596751923597 0.0469503489588195 -0.00811087051464991
0.0192498334447338 -0.00928192080046473 0.0739670019655543
-0.00865315217864425 0.0491284505197674 -0.013386619881169 0.0405753602487468
-0.00970858822315049 0.117779927945847 -0.0128569718002856 0.0095312824114075
-0.00834338952547636 0.0308529077945334 -0.00843959480248903
0.0724939718834583 -0.0243126398491874 -0.0736147573241128 0.0173921858745009
-0.0148211010806761 -0.014251475253916 -0.0368448822155191 -0.019367162641209
0.0670893456880865 0.020486603513886 0.0167670598837782 -0.00632231893269113
-0.626630926154685 -0.0648261459215874 0.0527993531647584 -0.0539367113544631
0.77535333158873 0.0717986020630902 0.751918821190434 0.0376792258305376
-1.30322594877521 0.0198480178325823 0.0193148678712562 0.0260302223754342
-0.170342935226012 -0.0382479074741658 0.223605354784464 0.00466583304622411
-0.0232527215953698 -0.0797580484146135 -0.0564736547550635
0.0514862257095248 0.168068359714854 0.0048052461982251 0.0355595942576506
0.0750481871046194 0.0261459367954073 0.000548572937741308 0.0377152562684333
0.0592268566104745 0.0223403960635463 -0.0195990361478173 0.126891980200737
0.021267200161261 0.116669005333034 -0.0321385497323044 0.234244119535876
-0.0165774135344041 -0.0166291439392441 -0.0106230916411821
0.0256953800787227 -0.0111462071497885 -0.0877222996315731
-0.00937494128720495 0.109836575123607 -0.0186582013927076 0.0648581290103976
0.00843349688161766 0.207589420578545 -0.0246569639306364 -0.314466811180443
0.0217394009562142 -0.0827226303364224 -0.00685203723063084
-0.121833361363733 -0.0307782898968803 0.121490208716618 0.00299968657736349
0.0950459833951454 -0.0115617299478109 -0.0482851846266629
-0.00926497662258737 0.00509702415039131 -0.00962374488601264
-0.0252482058101522 -0.00900400343733267 0.029056712335949
-0.0081630364299845 -0.0336830165036352 -0.00314455439169989
-0.0157924034346607 -0.0103385783627459 0.0433140657147768
-0.00556673715798911 -0.0599785887160771 -0.0185355953705901
0.173660317149477 -0.0121200129723043 0.0239919677972023 -0.00978170252011247
0.0972058797171156 -0.0114172200137948 0.0239716586832664 -0.0122008644202898
-0.0708435571296648 -0.00664607624919773 0.0196242042669912
-0.00851809307542722 0.0203065646775787 -0.00999341591812256

-0.0201220271036396 -0.00818830200033131 -0.0302317711535059
-0.00378841798850148 -0.0273079395102213 -0.0159812620429832
-0.0211855859528702 -0.00922044018330373 0.211962888842474
-0.0236005677168901 -0.0250947584047999 0.00550774793651301 0.841787077248313
0.0270624770193712 0.794869315997995 0.0386995740570871 -0.137911063697163
0.0524297875866148 0.536418289332777 -0.0174280837366538 1.08676655984131
0.0175617357172876 0.484870954343941 -0.0678175603618526 -1.31802241115866
-0.0978851151440506 0.326823960671903 -0.0929466585666331 0.00248175912486006
-0.116780969993561 0.132232309662496 -0.0374621344317636 -0.232833759369159
-0.0112236740037745 0.0441623954170838 -0.0220019343277213 0.0538683141801442
0.00269121900497182 0.427469375587717 -0.012871022034256 0.0893935493444721
-0.0131848693311801 -0.0528299868473292 -0.0113896776642476
-0.064265531664912 -0.0349078179336008 -0.0272309882693046
-0.0121749413183209 0.187692952115385 -0.00360794234582376
0.00112928057718793 -0.0277046294758403 -0.0805245829346263
-0.0144309883081677 -0.147021472057623 -0.00974760031577965 -0.15372783615388
-0.0202804188672956 -0.10124489305728 -0.00456028736983437 -0.236543083169271
-0.0398006203015325 0.00669715551919382 -0.0287788754488838
-0.0562388649207153 -0.00918636072316426 0.00819824798514659
-0.00924074819495907 0.0562892315071689 -0.0107049609591828
0.00427577616325922 -0.0101583058277487 -0.00673354016986504
-0.0107343481168914 -0.0216385513755691 -0.00753509036415907
0.0441507917868385 -0.00939951166417671 0.123504225192126 -0.0089594510319247
-0.0101003159594034 -0.00823859817504215 -0.0184279888493957
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-0.0708435571296648 -0.00664607624919773 0.0196242042669912
-0.00851809307542722 0.0203065646775787 -0.00999341591812256
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-0.0148211010806761 -0.014251475253916 -0.0368448822155191 -0.019367162641209
0.0670893456880865 0.020486603513886 0.0167670598837782 -0.00632231893269113
-0.626630926154685 -0.0648261459215874 0.0527993531647584 -0.0539367113544631
0.77535333158873 0.0717986020630902 0.751918821190434 0.0376792258305376
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##\$PVM_EpiGrappaCoefficients=(1)

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##\$PVM_EpiTrajAdjYesNo=Yes

##\$PVM_EpiTrajAdjAutomatic=Yes

##\$PVM_EpiTrajAdjMeasured=Yes

##\$PVM_EpiTrajAdjkx=(120)

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1.79094552826334 2.47199591877211 3.23261354243494 4.06469003826521
4.94651837416939 5.8673185752895 6.80642840929552 7.74990473489639
8.70202612919131 9.66585029447006 10.6335088744711 11.6106871054735
12.5884936986235 13.5724887338616 14.5538942670271 15.534995034146
16.5116617199486 17.4888617641426 18.4771672209357 19.4622282451234
20.4452924064789 21.4340060316888 22.4188404860554 23.4043243645714
24.3923795182688 25.3813698368803 26.3657164192858 27.3516835652837
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63.9928346972667 64.9854311039673 65.9799444352714 66.9695932343634
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75.914443980558 76.9080419050902 77.9063326436242 78.9019777809933
79.899625105142 80.8948252949168 81.8899003612408 82.8908727762582
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87.8756017426821 88.8669013223359 89.8651839463033 90.8626683442684
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##\$PVM_EpiTrajAdjB0=(120)

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0.738760529527953 0.751528995053581 0.767009072403371 0.772038264335827
0.778123031213042 0.78910407300638 0.791857676014252 0.801974282532515
0.80603627508855 0.806492861566838 0.810832784890009 0.815111087936411
0.817100155511309 0.817430041116812 0.816851463961407 0.819921685619341
0.819634377675764 0.821611989617766 0.820737771467737 0.820250959291524
0.818932884916589 0.817392359109551 0.818346929902885 0.821070040916249
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0.820175710695965 0.818952983393278 0.818202766346656 0.819393436243177
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0.810901831705055 0.805917843345875 0.808099566914059 0.810414038525167
0.810176852564977 0.806614516334424 0.80994547716195 0.80696978449616
0.807702668183639 0.806848024642083 0.808414488735324 0.806711002658362
0.80629431316645 0.805973801495392 0.804543900781341 0.807174551065661
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0.800995487642399 0.804410384715163 0.803747479394188 0.799806354666986
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0.802225524313102 0.793452637224605 0.783752438259579 0.765867962668078
0.737331164793366 0.710082306047547 0.676165659132747 0.632636877689599
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##\$PVM_EpiTrajAdjReadvec=(3)

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##\$PVM_EpiTrajAdjFov0=18

##\$PVM_EpiTrajAdjMatrix0=120

##\$PVM_EpiTrajAdjBw=178571.428571429

##\$PVM_EpiTrajAdjComp=No

##\$PVM_EpiTrajAdjRampform=Line

##\$PVM_EpiTrajAdjRampmode=UserSlope

##\$PVM_EpiTrajAdjRamptime=0.05

##\$PVM_EpiTrajAdjDistRatio=0.25

##\$ExcPulseEnum=<Calculated>

##\$ExcPul=(2.72727272727273, 2200, 90, Yes, 4, 6000, 0.155352536733369,
0.135449017488208, 0, 50, 4.96562776758225, <\$ExcPulseShape>)

##\$ExcPulseAmpl=(4.96562776758225, 15.7569473052083, -6.95974160940662)

##\$ExcPulseShape=(600)

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0.140814261694285 -6.11114168204084e-13 0.190876486685382
-4.64262995020728e-13 0.242808844858739 -3.7391553074583e-13
0.296783013078415 -3.11837651674698e-13 0.352955742065575
-2.65948498684155e-13 0.411464426120184 -2.30221719117259e-13

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1.55522071456407 180 1.96990046851969 180 2.40362131457428 180
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1.57581059289707e-14 9.30587522331683 2.06654371099421e-14 7.31215235200202
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8.67298007769753e-13 1.25337794070517 180 2.67670816503152 180
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1.80110113565723 -9.0042030997585e-15 1.72182872163647 -8.66079890588632e-15

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0.411464426120183 -3.36349622776527e-15 0.352955742065575
-3.02531794486293e-15 0.296783013078414 -2.66981157123959e-15
0.242808844858739 -2.31108700546811e-15 0.190876486685382
-1.94409998191233e-15 0.140814261694285 -1.55470213877193e-15
0.0924399815230457 -1.21244323314616e-15 0.0455653047685455
-8.38536122143446e-16 2.63607901417511e-16 -8.38536122143441e-16
##\$PVM_GradCalConst=28189.7
##\$PVM_NucLeus1Enum=<1H>
##\$PVM_NucLeus1=(8)
<1H>
##\$PVM_RefPowMod1=AutoAdj
##\$PVM_RefPowCh1=0.891390494191733
##\$PVM_RefPowStat1=(1024)
<Study: Adj by Bruker:AdjRefPowADJ_REF_POW>
##\$PVM_NucLeus2Enum=<1H>
##\$PVM_NucLeus3Enum=<1H>
##\$PVM_NucLeus4Enum=<1H>
##\$PVM_NucLeus5Enum=<1H>
##\$PVM_NucLeus6Enum=<1H>
##\$PVM_NucLeus7Enum=<1H>
##\$PVM_NucLeus8Enum=<1H>
##\$PVM_FrqRef=(8)
400.314766705557 0 0 0 0 0 0 0
##\$PVM_FrqWorkOffset=(8)
0 0 0 0 0 0 0 0
##\$PVM_FrqWork=(8)
400.314766705557 0 0 0 0 0 0 0
##\$PVM_FrqRefPpm=(8)
4.7 0 0 0 0 0 0 0
##\$PVM_FrqWorkOffsetPpm=(8)
0 0 0 0 0 0 0 0
##\$PVM_FrqWorkPpm=(8)
4.7 0 0 0 0 0 0 0
##\$PVM_NucleiPpmWork=(20)
(<1H>, 4.7) (<none>, 0) (<none>, 0) (<none>, 0) (<none>, 0) (<none>, 0)
(<none>, 0) (<none>, 0) (<none>, 0) (<none>, 0) (<none>, 0) (<none>, 0)
(<none>, 0) (<none>, 0) (<none>, 0) (<none>, 0) (<none>, 0) (<none>, 0)
(<none>, 0) (<none>, 0)
##\$PVM_TxCoilScMode1=AutoAdj
##\$PVM_TxCoilAdjStat1=(1024)
<System (Coil)>
##\$PVM_TxCoilAmpScaling1=(2)
100 100
##\$PVM_TxCoilPhaseOffset1=(2)
0 90
##\$ShowAllPars=No
##\$GradStabTime=0
##\$Phase3DGradDur=1.5
##\$ExcSliceRephTime=1.5
##\$PVM_Isotropic=Isotropic_None

```
##$PVM_Fov=( 2 )
18 15
##$PVM_FovCm=( 2 )
1.8 1.5
##$PVM_SpatResol=( 2 )
0.15 0.15
##$PVM_SliceThick=0.15
##$PVM_ObjOrderScheme=Interlaced
##$PVM_ObjOrderList=( 100 )
0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52
54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 1 3 5 7
9 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41 43 45 47 49 51 53 55 57 59
61 63 65 67 69 71 73 75 77 79 81 83 85 87 89 91 93 95 97 99
##$PVM_NSpacks=1
##$PVM_SPackArrNSlices=( 1 )
100
##$PVM_MajSliceOri=No
##$PVM_SPackArrSliceOrient=( 1 )
axial
##$PVM_SPackArrReadOrient=( 1 )
L_R
##$PVM_SPackArrReadOffset=( 1 )
-0
##$PVM_SPackArrPhase10ffset=( 1 )
-2.9231118906968
##$PVM_SPackArrPhase20ffset=( 1 )
0
##$PVM_SPackArrSliceOffset=( 1 )
0.266869229384735
##$PVM_SPackArrSliceGapMode=( 1 )
non_contiguous
##$PVM_SPackArrSliceGap=( 1 )
0
##$PVM_SPackArrSliceDistance=( 1 )
0.15
##$PVM_SPackArrGradOrient=( 1, 3, 3 )
1 0 0 0 0.99850450347281 0.0546695211659798 0 -0.0546695211659798
0.99850450347281
##$PVM_SliceGeo=( 1 )
((( -1 0 0 0 0.99850450347281 -0.0546695211659798 0 -0.0546695211659798
-0.99850450347281, 0 -2.933330000000007 -0.106665, 0 0 0), 18 15 15, <+R;read>
<+P;phase> <+S;slice>, 0), 100, 1, 256, 0.15, 0, No)
##$PVM_SliceGeoObj=( <BRUKER_SLICEPACKAGE>, GeoCuboidPackId, Standard_GobjShape,
<PVM_SliceGeo>, <PVM_ObjOrderList>, 0, <R;read> <P;phase> <S;slice>, Yes,
4195848)
##$PVM_EffPhase00ffset=( 100 )
@100*(-0)
##$PVM_EffPhase10ffset=( 100 )
@100*(-2.9231118906968)
##$PVM_EffPhase20ffset=( 100 )
@100*(0)
##$PVM_EffSliceOffset=( 100 )
-7.15813077061526 -7.00813077061526 -6.85813077061526 -6.70813077061526
-6.55813077061527 -6.40813077061526 -6.25813077061527 -6.10813077061526
-5.95813077061526 -5.80813077061527 -5.65813077061526 -5.50813077061527
-5.35813077061526 -5.20813077061526 -5.05813077061526 -4.90813077061526
-4.75813077061527 -4.60813077061526 -4.45813077061526 -4.30813077061526
-4.15813077061526 -4.00813077061527 -3.85813077061526 -3.70813077061527
-3.55813077061527 -3.40813077061526 -3.25813077061526 -3.10813077061526
```

-2.95813077061526 -2.80813077061527 -2.65813077061526 -2.50813077061527
-2.35813077061526 -2.20813077061526 -2.05813077061527 -1.90813077061526
-1.75813077061527 -1.60813077061526 -1.45813077061526 -1.30813077061527
-1.15813077061526 -1.00813077061527 -0.858130770615265 -0.708130770615265
-0.558130770615265 -0.408130770615265 -0.258130770615265 -0.108130770615265
0.0418692293847345 0.191869229384735 0.341869229384735 0.491869229384735
0.641869229384735 0.791869229384734 0.941869229384735 1.09186922938474
1.24186922938474 1.39186922938473 1.54186922938473 1.69186922938473
1.84186922938474 1.99186922938474 2.14186922938473 2.29186922938473
2.44186922938473 2.59186922938474 2.74186922938474 2.89186922938473
3.04186922938473 3.19186922938473 3.34186922938474 3.49186922938474
3.64186922938473 3.79186922938473 3.94186922938473 4.09186922938474
4.24186922938474 4.39186922938473 4.54186922938473 4.69186922938473
4.84186922938474 4.99186922938474 5.14186922938473 5.29186922938473
5.44186922938473 5.59186922938474 5.74186922938474 5.89186922938473
6.04186922938473 6.19186922938473 6.34186922938474 6.49186922938474
6.64186922938473 6.79186922938473 6.94186922938473 7.09186922938474
7.24186922938473 7.39186922938473 7.54186922938473 7.69186922938473
##\$PVM_EffReadOffset=(100)
@100*(-0)
##\$PVM_Phase0Offset=(100)
@100*(-0)
##\$PVM_Phase10Offset=(100)
@100*(-2.9231118906968)
##\$PVM_Phase20Offset=(100)
@100*(0)
##\$PVM_SliceOffset=(100)
-7.15813077061526 -7.00813077061526 -6.85813077061526 -6.70813077061526
-6.55813077061527 -6.40813077061526 -6.25813077061527 -6.10813077061526
-5.95813077061526 -5.80813077061527 -5.65813077061526 -5.50813077061527
-5.35813077061526 -5.20813077061526 -5.05813077061526 -4.90813077061526
-4.75813077061527 -4.60813077061526 -4.45813077061526 -4.30813077061526
-4.15813077061526 -4.00813077061527 -3.85813077061526 -3.70813077061527
-3.55813077061527 -3.40813077061526 -3.25813077061526 -3.10813077061526
-2.95813077061526 -2.80813077061527 -2.65813077061526 -2.50813077061527
-2.35813077061526 -2.20813077061526 -2.05813077061527 -1.90813077061526
-1.75813077061527 -1.60813077061526 -1.45813077061526 -1.30813077061527
-1.15813077061526 -1.00813077061527 -0.858130770615265 -0.708130770615265
-0.558130770615265 -0.408130770615265 -0.258130770615265 -0.108130770615265
0.0418692293847345 0.191869229384735 0.341869229384735 0.491869229384735
0.641869229384735 0.791869229384734 0.941869229384735 1.09186922938474
1.24186922938474 1.39186922938473 1.54186922938473 1.69186922938473
1.84186922938474 1.99186922938474 2.14186922938473 2.29186922938473
2.44186922938473 2.59186922938474 2.74186922938474 2.89186922938473
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3.64186922938473 3.79186922938473 3.94186922938473 4.09186922938474
4.24186922938474 4.39186922938473 4.54186922938473 4.69186922938473
4.84186922938474 4.99186922938474 5.14186922938473 5.29186922938473
5.44186922938473 5.59186922938474 5.74186922938474 5.89186922938473
6.04186922938473 6.19186922938473 6.34186922938474 6.49186922938474
6.64186922938473 6.79186922938473 6.94186922938473 7.09186922938474
7.24186922938473 7.39186922938473 7.54186922938473 7.69186922938473
##\$PVM_ReadOffset=(100)
@100*(-0)
##\$PVM_DummyScans=1
##\$PVM_DummyScansDur=5500
##\$PVM_TriggerModule=Off
##\$PVM_TriggerMode=per_PhaseStep
##\$PVM_TriggerDelay=1

```
##$PVM_TriggerDur=0.01
##$PVM_TriggerModuleTime=0
##$PVM_FatSupOnOff=On
##$PVM_FatSupPulEnum=<gauss512>
##$PVM_FatSupPul=(1.95714285714286, 1400, 90, No, 3, 2740, 0.4150688,
0.295357137487272, 0, 50, 1.35077422589683, <gauss512.exc>)
##$PVM_FatSupPulAmp=(1.35077422589683, 8.21819391927699, -1.30582765275799)
##$PVM_FatSupBandWidth=1400
##$PVM_FatSupSpoil=(Yes, 3, 1.41895798820136, 50)
##$PVM_FatSupModuleTime=3.53910084534422
##$PVM_FatSupPerform=Yes
##$PVM_FatSupRampTime=0.143
##$PVM_FatSupGradWait=0.01
##$PVM_FatSupFL=( 1 )
-1401.09509832249
##$PVM_FatSupRfLength=1957.14285714286
##$PVM_FatSupSpoilDur=1.41895798820136
##$PVM_FatSupSpoilAmp=50
##$PVM_FovSatOnOff=On
##$PVM_FovSatPulEnum=<sech>
##$PVM_FovSatPul=(4.05, 5000, 90, No, 3, 20250, 0.1064278, 0.189614018306272,
0, 50, 4.79786233259122, <sech.exc>)
##$PVM_FovSatPulAmp=(4.79786233259122, 15.488483354724, -6.81047782386766)
##$PVM_FovSatNSlices=1
##$PVM_FovSatThick=( 1 )
6
##$PVM_FovSatOffset=( 1 )
-7.07428264352691
##$PVM_FovSatSpoil=(Yes, 10, 0.8, 7.39040618854877)
##$PVM_FovSatSpoilDur=0.657
##$PVM_FovSatSpoilAmp=7.39040618854877
##$PVM_FovSatModuleTime=5.013
##$PVM_FovSatGrad=( 1, 3 )
-0.0690598124748289 2.95135666994241 -0.153691672402213
##$PVM_FovSatRampTime=0.143
##$PVM_FovSatGradWait=0.01
##$PVM_FovSatSliceOri=( 1 )
coronal
##$PVM_FovSatSliceVec=( 1, 3 )
0.0233613047486602 0.998374309424108 0.0519902656502001
##$PVM_FovSatFL=( 1 )
-5895.23553627242
##$PVM_FovSatRfLength=4050
##$PVM_FovSatGeoObj=(<BRUKER_FOVSAT>, GeoPlanarId, Standard_GobjShape,
<PVM_FovSatGeoCub>, <>, 0, <D1;first> <D2;second> <S;slice>, Yes, 524384)
##$PVM_FovSatGeoCub=( 1 )
((( -0.0220752262742939 -0.0525069274133983 -0.998376535661041
-0.999483333440522 -0.0221756816252013 0.0232659691196992 -0.0233613047486602
0.998374309424108 -0.0519902656502001, 0.546696999999952 -6.98612000000014
1.66855, 0 0 0), 58 58 6, <+D1;first> <+D2;second> <+S;slice>, 0), 1, 1, 1, 6,
0, No)
##$PVM_DriftCompYesNo=No
##$PVM_DriftCompStore=No
##$PVM_DriftCompUpdateTime=5500
##$PVM_DriftCompNavOnOff=On
##$PVM_DriftCompModuleTime=0
##$PVM_DriftCompNavPoints=96
##$PVM_DriftCompNavPulse=(0.548, 5000, 1, No, 3, 2740, 0.4181723,
0.298723764675971, 0, 50, 0.00209561423392193, <gauss.exc>)
```

```
##$PVM_DriftCompNavPulseEnum=<gauss>
##$PVM_DriftCompNavSWH=178571.428571429
##$PVM_DriftCompNavSpoilYesNo=No
##$PVM_DriftCompNavSpoil=(Yes, 1, 1, 10)
##$PVM_DriftCompStickFreq=No
##$PVM_DriftCompNavD1=0.5376
##$PVM_DriftCompNavD2=0
##$PVM_DriftCompNavD3=0.045
##$PVM_DriftCompNavD4=0.065
##$PVM_DriftCompNavD5=0
##$PVM_DriftCompNavP0=548
##$PVM_MapShimReady=Yes
##$PVM_MapShimLocShim=Yes
##$PVM_MapShimStatus=( 128 )
<Mapshim ready.>
##$PVM_MapShimCalcStat=( 256 )
<Succeeded>
##$PVM_DynamicShim=( 1, 10 )
0 0 0 0 0 0 0 0 0 0
##$PVM_MapShimNVolumes=1
##$PVM_MapShimVolDescr=(<BRUKER_SHIMVOL>, GeoCuboidPackId,
Ellipsoid_In_GobjShape, <PVM_MapShimVolumes>, <>, 0, <+1; 1st dir> <+2; 2nd
dir> <+3; 3rd dir>, Yes, 524288)
##$PVM_MapShimVolumes=( 1 )
((0.999742402799253 0.0163352650903807 -0.0157571304369082
-0.0169897637351686 0.998958868380869 -0.0423382476188493 0.0150491186918675
0.0425950513280467 0.998979071667151, -0.644206 -0.240704 0.0990639, 0 0 0),
12.704 8.90271 17.1149, <+1; 1st dir> <+2; 2nd dir> <+3; 3rd dir>, 0), 1, 1,
1, 17.1149, 0, No)
##$PVM_MapShimVolShape=Ellipsoid
##$PVM_StudyB0Map=(</opt/PV-360.2.0.pl.1/data/nmrstu>,
<20201112_094204_2021_00060_ID_A1950_2021_00060_ID_A1950_1_1>, 6, 1)
##$PVM_B0MapShimset=( 10 )
0 0.892652780956741 0 0 4.29922941939422 -15.4398413061723 0 0 0 0
##$PVM_ReqShimEnum=Map_Shim
##$PVM_MapShimUseShims=AllShims
##$PVM_MapShimVolDerive=No
##$PVM_MapShimVolMargin=( 3 )
0 0 0
##$PVM_MapShimVolMaster=( 65 )
<PVM_SliceGeoObj>
##$PVM_DynamicShimEnable=No
##$PVM_DynamicShimConstrainToFast=No
##$PVM_DynamicShimSliceMargin=0
##$PVM_DynamicShimEventDuration=30
##$PVM_AutoRg=( 1 )
(<job0>, 101)
##$PVM_RampTime=0.11
##$PVM_RiseTime=0.143
##$PVM_DynamicShimRisetime=10
##$PVM_RgJob=<job0>
##$PVM_RgValue=101
$$ @vis= MethodFileGroup MethodClass Method MethManagGroup PVM_GeoObj
$$ @vis= PVM_ExportHandler PVM_AtSBedPositionMode PVM_AtSChangeRefPos
$$ @vis= PVM_EffSWH EchoTime PVM_EchoTime PVM_MinEchoTime NSegments
$$ @vis= PVM_RepetitionTime PackDel PVM_NEchoImages PVM_NAverages
$$ @vis= PVM_NRepetitions PVM_ScanTimeStr PVM_DeriveGains Diffusion
$$ @vis= PVM_DiffPrepMode PVM_DwUsedSliceThick PVM_DwVisiblePars
$$ @vis= PVM_DwDeriveGains DW_SliceSelection PVM_DwExcPulse1Enum
```

\$\$ @vis= PVM_DwExcPulse1 PVM_DwExcPulse1Ampl PVM_DwRfcPulse1Enum
\$\$ @vis= PVM_DwRfcPulse1 PVM_DwSliceGradDur PVM_DwSliceGrad PVM_DwSliceGradLim
\$\$ @vis= PVM_TeDwSliceSpoilGradDur PVM_TeDwSliceSpoilGrad
\$\$ @vis= PVM_TeDwSliceSpoilGradLim PVM_DwGradDur PVM_DwGradSep
\$\$ @vis= PVM_DwDirectScale PVM_DwMeasMode PVM_DwNDiffDir PVM_DwNDiffExpEach
\$\$ @vis= PVM_DwAoImages PVM_DwEnterDiffDir PVM_DwDirInput PVM_DwDir
\$\$ @vis= PVM_DwDgSwitch PVM_DwMaxBval PVM_DwBvalEach PVM_DwGradAmp
\$\$ @vis= PVM_DwGradStr PVM_DwEffGradStr DiffOutput PVM_DwNDiffExp PVM_DwBMat
\$\$ @vis= PVM_DwBMatImag PVM_DwBMatMag PVM_DwBMatPat PVM_DwEffBval
\$\$ @vis= PVM_DwGradVec PVM_DwGradRead PVM_DwGradPhase PVM_DwGradSlice
\$\$ @vis= PVM_DwSpDir PVM_DwPeriods PVM_DwMinPeriods PVM_DwPerSep
\$\$ @vis= PVM_DwMinPerSep PVM_DwGradPulseDelay PVM_DwGradSepDelay PVM_DwModDur
\$\$ @vis= PVM_DwModEchDel Encoding PVM_SpatDimEnum PVM_IsotropicFovRes
\$\$ @vis= PVM_Matrix PVM_MinMatrix PVM_MaxMatrix PVM_DefMatrix PVM_AntiAlias
\$\$ @vis= PVM_MaxAntiAlias PVM_EncSpectroscopy PVM_EncUseMultiRec
\$\$ @vis= PVM_EncActReceivers PVM_EncZf PVM_EncPft PVM_EncPftOverScans
\$\$ @vis= PVM_EncPpi PVM_EncOrder PVM_EncStart Encoding_Output
\$\$ @vis= PVM_EncNReceivers PVM_EncAvailReceivers PVM_EncChanScaling
\$\$ @vis= PVM_EncChanPhase PVM_EncMatrix PVM_EncTotalAccel PVM_EncSteps1
\$\$ @vis= PVM_EncCentralStep1 PVM_EncValues1 EPI_Parameters PVM_EpiPrefixNavYes
\$\$ @vis= PVM_EpiSingleNav PVM_EpiCombine PVM_EpiEchoMode PVM_EpiGradSync
\$\$ @vis= PVM_EpiTempGridding PVM_EpiRampMode PVM_EpiRampForm PVM_EpiRampComp
\$\$ @vis= PVM_EpiNShots PVM_EpiEchoPosition PVM_EpiRampTime PVM_EpiSlope
\$\$ @vis= PVM_EpiEffSlope PVM_EpiBlipTime PVM_EpiEchoDelay PVM_EpiModuleTime
\$\$ @vis= PVM_EpiGradDwellTime EPI_Corrections PVM_EpiAutoGhost PVM_EpiMaxOrder
\$\$ @vis= PVM_EpiDynCorr PVM_EpiDoubleShotAdj PVM_EpiAcqDelayTrim
\$\$ @vis= PVM_EpiBlipsOff PVM_EpiBlipAsym PVM_EpiReadAsym PVM_EpiReadDephTrim
\$\$ @vis= PVM_EpiEchoTimeShifting PVM_EpiEchoShiftA PVM_EpiEchoShiftB
\$\$ @vis= PVM_EpiDriftCorr PVM_EpiGrappaSegAdj PVM_EpiGrappaThresh EPI_Details
\$\$ @vis= PVM_EpiMatrix PVM_EpiEchoSpacing PVM_EpiEffBandwidth PVM_EpiBandwidth
\$\$ @vis= PVM_EpiDephaseTime PVM_EpiDephaseRampTime PVM_EpiPlateau
\$\$ @vis= PVM_EpiAcqDelay PVM_EpiInterTime PVM_EpiSwitchTime
\$\$ @vis= PVM_EpiReadDephGrad PVM_EpiReadRefDephGrad PVM_EpiReadOddGrad
\$\$ @vis= PVM_EpiReadEvenGrad PVM_EpiPhaseDephGrad PVM_EpiPhaseRephGrad
\$\$ @vis= PVM_EpiBlipOddGrad PVM_EpiBlipEvenGrad PVM_EpiPhaseEncGrad
\$\$ @vis= PVM_EpiPhaseRewGrad PVM_EpiPhase3DGrad PVM_EpiNEchoes
\$\$ @vis= PVM_EpiEchoCounter PVM_EpiRampUpIntegral PVM_EpiRampDownIntegral
\$\$ @vis= PVM_EpiBlipIntegral PVM_EpiSlopeFactor PVM_EpiSlewRate
\$\$ @vis= PVM_EpiNSamplesPerScan PVM_EpiPrefixNavDur PVM_EpiPrefixNavSize
\$\$ @vis= PVM_EpiAdjustMode PVM_EpiReadCenter PVM_EpiPhaseCorrection
\$\$ @vis= PVM_EpiGrappaCoefficients EPI_Trajectory PVM_EpiTrajAdjYesNo
\$\$ @vis= PVM_EpiTrajAdjAutomatic PVM_EpiTrajAdjMeasured PVM_EpiTrajAdjkx
\$\$ @vis= PVM_EpiTrajAdjB0 RF_Pulses ExcPulseEnum ExcPul ExcPulseShape Nuclei
\$\$ @vis= PVM_GradCalConst PVM_Nucleus1Enum PVM_Nucleus1 PVM_RefPowMod1
\$\$ @vis= PVM_RefPowCh1 PVM_RefPowStat1 PVM_FrqRef PVM_FrqWorkOffset
\$\$ @vis= PVM_FrqWork PVM_FrqRefPpm PVM_FrqWorkOffsetPpm PVM_FrqWorkPpm
\$\$ @vis= PVM_NucleiPpmWork PVM_TxCoilScMode1 PVM_TxCoilAdjStat1
\$\$ @vis= PVM_TxCoilAmpScaling1 PVM_TxCoilPhaseOffset1 SequenceDetails
\$\$ @vis= ShowAllPars GradStabTime Phase3DGrad Phase3DGradLim SliceSelection
\$\$ @vis= SliceGradStabTime ExcSliceRephTime ExcSliceGrad ExcSliceGradLim
\$\$ @vis= ExcSliceRephGrad ExcSliceRephGradLim ImageGeometry PVM_Isotropic
\$\$ @vis= PVM_Fov PVM_MinFov PVM_SpatResol PVM_SliceThick PVM_MinSliceThick
\$\$ @vis= PVM_ObjOrderScheme PVM_ObjOrderList PVM_NSpacks PVM_SPackArrNSlices
\$\$ @vis= PVM_MajSliceOri PVM_SPackArrSliceOrient PVM_SPackArrReadOrient
\$\$ @vis= PVM_SPackArrReadOffset PVM_SPackArrPhase10Offset
\$\$ @vis= PVM_SPackArrSliceOffset PVM_SPackArrSliceGapMode PVM_SPackArrSliceGap
\$\$ @vis= PVM_SPackArrSliceDistance PVM_SliceGeo PVM_SliceGeoObj
\$\$ @vis= SliceOffsetPars Preparation DummyScans_Parameters PVM_DummyScans
\$\$ @vis= PVM_DummyScansDur PVM_TriggerModule PVM_FatSupOnOff

```
$$ @vis= Fat_Sup_Parameters PVM_FatSupPulEnum PVM_FatSupPul
$$ @vis= PVM_FatSupBandWidth PVM_FatSupSpoil PVM_FatSupModuleTime
$$ @vis= PVM_FatSupPerform PVM_FatSupRampTime PVM_FatSupGradWait PVM_FatSupFL
$$ @vis= PVM_FatSupRfLength PVM_FatSupSpoilDur PVM_FatSupSpoilAmp
$$ @vis= PVM_FovSatOnOff Fov_Sat_Parameters PVM_FovSatPulEnum PVM_FovSatPul
$$ @vis= PVM_FovSatNSlices PVM_FovSatThick PVM_FovSatOffset PVM_FovSatSpoil
$$ @vis= PVM_FovSatSpoilDur PVM_FovSatSpoilAmp PVM_FovSatModuleTime
$$ @vis= PVM_FovSatGrad PVM_FovSatRampTime PVM_FovSatGradWait
$$ @vis= PVM_FovSatSliceOri PVM_FovSatSliceVec PVM_FovSatFL PVM_FovSatRfLength
$$ @vis= PVM_FovSatGeoObj PVM_FovSatGeoCub DriftComp_Parameters
$$ @vis= PVM_DriftCompYesNo PVM_DriftCompNavOnOff PVM_DriftCompNavD1
$$ @vis= PVM_DriftCompNavD2 PVM_DriftCompNavD3 PVM_DriftCompNavD4
$$ @vis= PVM_DriftCompNavD5 PVM_DriftCompNavP0 MapShim PVM_MapShimReady
$$ @vis= PVM_MapShimLocShim PVM_MapShimStatus PVM_MapShimCalcStat
$$ @vis= PVM_DynamicShim PVM_MapShimNVolumes PVM_MapShimVolDescr
$$ @vis= PVM_MapShimVolumes PVM_MapShimVolShape PVM_StudyB0Map
$$ @vis= PVM_B0MapShimset PVM_ReqShimEnum PVM_MapShimUseShims
$$ @vis= PVM_MapShimVolDerive PVM_MapShimVolMaster
$$ @vis= PVM_DynamicShimConstrainToFast PVM_AutoRg PVM_RampTime PVM_RiseTime
$$ @vis= PVM_DynamicShimRisetime RgGroup PVM_RgJob PVM_RgValue
##END=
$$ File finished by PARX at 2020-11-12 10:20:05.463 -0500
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