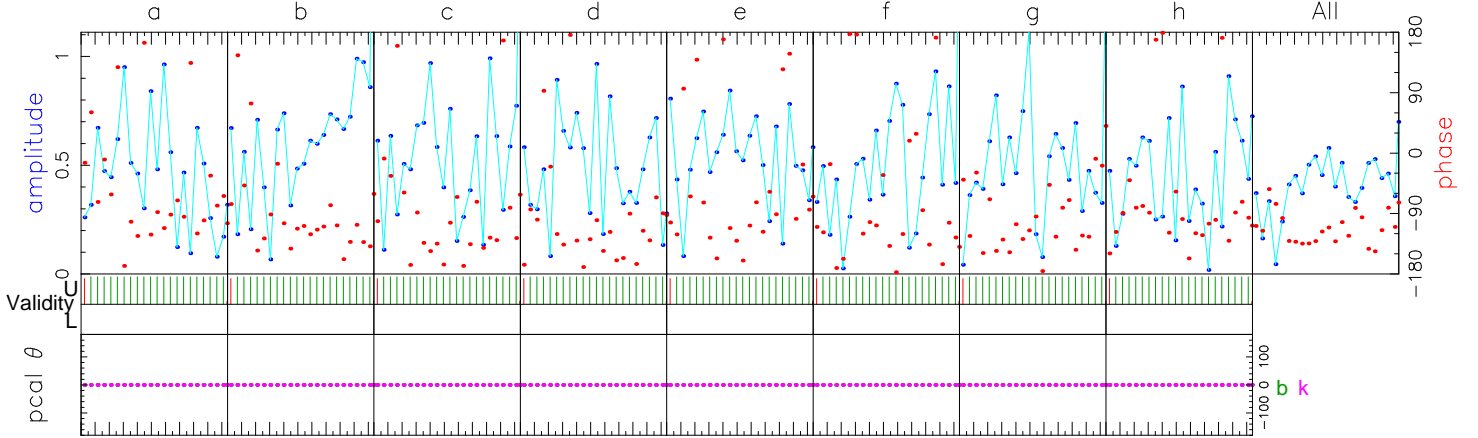


Amp. and Phase vs. time for each freq., 23 segs, 53 APs / seg (27.14 sec / seg.), time ticks 30 sec



86124.00	86156.00	86188.00	86220.00	86252.00	86284.00	86316.00	86348.00	86380.00	86412.00	86444.00	86476.00	86508.00	86540.00	86572.00	86604.00	86636.00	86668.00	86700.00	86732.00	86764.00	86796.00	86828.00	86860.00	86892.00	86924.00	86956.00	86988.00	87020.00	87052.00	87084.00	87116.00	87148.00	87180.00	87212.00	87244.00	87276.00	87308.00	87340.00	87372.00	87404.00	87436.00	87468.00	87500.00	87532.00	87564.00	87596.00	87628.00	87660.00	87692.00	87724.00	87756.00	87788.00	87820.00	87852.00	87884.00	87916.00	87948.00	87980.00	87996.00	88012.00	88028.00	88044.00	88060.00	88076.00	88092.00	88108.00	88124.00	88140.00	88156.00	88172.00	88188.00	88204.00	88220.00	88236.00	88252.00	88268.00	88284.00	88300.00	88316.00	88332.00	88348.00	88364.00	88380.00	88396.00	88412.00	88428.00	88444.00	88460.00	88476.00	88492.00	88508.00	88524.00	88540.00	88556.00	88572.00	88588.00	88604.00	88620.00	88636.00	88652.00	88668.00	88684.00	88700.00	88716.00	88732.00	88748.00	88764.00	88780.00	88796.00	88812.00	88828.00	88844.00	88860.00	88876.00	88892.00	88908.00	88924.00	88940.00	88956.00	88972.00	88988.00	89004.00	89020.00	89036.00	89052.00	89068.00	89084.00	89100.00	89116.00	89132.00	89148.00	89164.00	89180.00	89196.00	89212.00	89228.00	89244.00	89260.00	89276.00	89292.00	89308.00	89324.00	89340.00	89356.00	89372.00	89388.00	89404.00	89420.00	89436.00	89452.00	89468.00	89484.00	89500.00	89516.00	89532.00	89548.00	89564.00	89580.00	89596.00	89612.00	89628.00	89644.00	89660.00	89676.00	89692.00	89708.00	89724.00	89740.00	89756.00	89772.00	89788.00	89804.00	89820.00	89836.00	89852.00	89868.00	89884.00	89900.00	89916.00	89932.00	89948.00	89964.00	89980.00	89996.00	90012.00	90028.00	90044.00	90060.00	90076.00	90092.00	90108.00	90124.00	90140.00	90156.00	90172.00	90188.00	90204.00	90220.00	90236.00	90252.00	90268.00	90284.00	90300.00	90316.00	90332.00	90348.00	90364.00	90380.00	90396.00	90412.00	90428.00	90444.00	90460.00	90476.00	90492.00	90508.00	90524.00	90540.00	90556.00	90572.00	90588.00	90604.00	90620.00	90636.00	90652.00	90668.00	90684.00	90700.00	90716.00	90732.00	90748.00	90764.00	90780.00	90796.00	90812.00	90828.00	90844.00	90860.00	90876.00	90892.00	90908.00	90924.00	90940.00	90956.00	90972.00	90988.00	90996.00	91012.00	91028.00	91044.00	91060.00	91076.00	91092.00	91108.00	91124.00	91140.00	91156.00	91172.00	91188.00	91204.00	91220.00	91236.00	91252.00	91268.00	91284.00	91300.00	91316.00	91332.00	91348.00	91364.00	91380.00	91396.00	91412.00	91428.00	91444.00	91460.00	91476.00	91492.00	91508.00	91524.00	91540.00	91556.00	91572.00	91588.00	91604.00	91620.00	91636.00	91652.00	91668.00	91684.00	91700.00	91716.00	91732.00	91748.00	91764.00	91780.00	91796.00	91812.00	91828.00	91844.00	91860.00	91876.00	91892.00	91908.00	91924.00	91940.00	91956.00	91972.00	91988.00	91996.00	92012.00	92028.00	92044.00	92060.00	92076.00	92092.00	92108.00	92124.00	92140.00	92156.00	92172.00	92188.00	92204.00	92220.00	92236.00	92252.00	92268.00	92284.00	92300.00	92316.00	92332.00	92348.00	92364.00	92380.00	92396.00	92412.00	92428.00	92444.00	92460.00	92476.00	92492.00	92508.00	92524.00	92540.00	92556.00	92572.00	92588.00	92604.00	92620.00	92636.00	92652.00	92668.00	92684.00	92700.00	92716.00	92732.00	92748.00	92764.00	92780.00	92796.00	92812.00	92828.00	92844.00	92860.00	92876.00	92892.00	92908.00	92924.00	92940.00	92956.00	92972.00	92988.00	92996.00	93012.00	93028.00	93044.00	93060.00	93076.00	93092.00	93108.00	93124.00	93140.00	93156.00	93172.00	93188.00	93204.00	93220.00	93236.00	93252.00	93268.00	93284.00	93300.00	93316.00	93332.00	93348.00	93364.00	93380.00	93396.00	93412.00	93428.00	93444.00	93460.00	93476.00	93492.00	93508.00	93524.00	93540.00	93556.00	93572.00	93588.00	93604.00	93620.00	93636.00	93652.00	93668.00	93684.00	93700.00	93716.00	93732.00	93748.00	93764.00	93780.00	93796.00	93812.00	93828.00	93844.00	93860.00	93876.00	93892.00	93908.00	93924.00	93940.00	93956.00	93972.00	93988.00	93996.00	94012.00	94028.00	94044.00	94060.00	94076.00	94092.00	94108.00	94124.00	94140.00	94156.00	94172.00	94188.00	94204.00	94220.00	94236.00	94252.00	94268.00	94284.00	94300.00	94316.00	94332.00	94348.00	94364.00	94380.00	94396.00	94412.00	94428.00	94444.00	94460.00	94476.00	94492.00	94508.00	94524.00	94540.00	94556.00	94572.00	94588.00	94604.00	94620.00	94636.00	94652.00	94668.00	94684.00	94700.00	94716.00	94732.00	94748.00	94764.00	94780.00	94796.00	94812.00	94828.00	94844.00	94860.00	94876.00	94892.00	94908.00	94924.00	94940.00	94956.00	94972.00	94988.00	94996.00	95012.00	95028.00	95044.00	95060.00	95076.00	95092.00	95108.00	95124.00	95140.00	95156.00	95172.00	95188.00	95204.00	95220.00	95236.00	95252.00	95268.00	95284.00	95300.00	95316.00	95332.00	95348.00	95364.00	95380.00	95396.00	95412.00	95428.00	95444.00	95460.00	95476.00	95492.00	95508.00	95524.00	95540.00	95556.00	95572.00	95588.00	95604.00	95620.00	95636.00	95652.00	95668.00	95684.00	95700.00	95716.00	95732.00	95748.00	95764.00	95780.00	95796.00	95812.00	95828.00	95844.00	95860.00	95876.00	95892.00	95908.00	95924.00	95940.00	95956.00	95972.00	95988.00	95996.00	96012.00	96028.00	96044.00	96060.00	96076.00	96092.00	96108.00	96124.00	96140.00	96156.00	96172.00	96188.00	96204.00	96220.00	96236.00	96252.00	96268.00	96284.00	96300.00	96316.00	96332.00	96348.00	96364.00	96380.00	96396.00	96412.00	96428.00	96444.00	96460.00	96476.00	96492.00	96508.00	96524.00	96540.00	96556.00	96572.00	96588.00	96604.00	96620.00	96636.00	96652.00	96668.00	96684.00	96700.00	96716.00	96732.00	96748.00	96764.00	96780.00	96796.00	96812.00	96828.00	96844.00	96860.00	96876.00	96892.00	96908.00	96924.00	96940.00	96956.00	96972.00	96988.00	96996.00	97012.00	97028.00	97044.00	97060.00	97076.00	97092.00	97108.00	97124.00	97140.00	97156.00	97172.00	97188.00	97204.00	97220.00	97236.00	97252.00	97268.00	97284.00	97300.00	97316.00	97332.00	97348.00	97364.00	97380.00	97396.00	97412.00	97428.00	97444.00	97460.00	97476.00	97492.00	97508.00	97524.00	97540.00	97556.00	97572.00	97588.00	97604.00	97620.00	97636.00	97652.00	97668.00	97684.00	97700.00	97716.00	97732.00	97748.00	97764.00	97780.00	97796.00	97812.00	97828.00	97844.00	97860.00	97876.00	97892.00	97908.00	97924.00	97940.00	97956.00	97972.00	97988.00	97996.00	98012.00	98028.00	98044.00	98060.00	98076.00	98092.00	98108.00	98124.00	98140.00	98156.00	98172.00	98188.00	98204.00	98220.00	98236.00	98252.00	98268.00	98284.00	98300.00	98316.00	98332.00	98348.00	98364.00	98380.00	98396.00	98412.00	98428.00	98444.00	98460.00	98476.00	98492.00	98508.00	98524.00	98540.00	98556.00	98572.00	98588.00	98604.00	98620.00	98636.00	98652.00	98668.00	98684.00	98700.00	98716.00	98732.00	98748.00	98764.00	98780.00	98796.00	98812.00	98828.00	98844.00	98860.00	98876.00	98892.00	98908.00	98924.00	98940.00	98956.00	98972.00	98988.00	98996.00	99012.00	99028.00	99044.00	99060.00	99076.00	99092.00	99108.00	99124.00	99140.00	99156.00	99172.00	99188.00	99204.00	99220.00	99236.00	99252.00	99268.00	99284.00	99300.00	99316.00	99332.00	99348.00	99364.00	99380.00	99396.00	99412.00	99428.00	99444.00	99460.00	99476.00	99492.00	99508.00	99524.00	99540.00	99556.00	99572.00	99588.00	99604.00	99620.00	99636.00	99652.00	99668.00	99684.00	99700.00	99716.00	99732.00	99748.00	99764.00	99780.00	99796.00	99812.00	99828.00	99844.00	99860.00	99876.00	99892.00	99908.00	99924.00	99940.00	99956.00	99972.00	99988.00	99996.00
----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------

Group delay (usec)(sbd) -3.30477773166E+03 Apriori delay (usec) -3.30480857769E+03 Resid mbdelay (usec) -4.03972E-04 +/- 1.2E-04  
 Sband delay (usec) -3.30479247519E+03 Apriori clock (usec) -7.1808486E+00 Resid sbdelay (usec) 1.61025E-02 +/- 9.8E-04  
 Phase delay (usec) -3.30480858142E+03 Apriori clockrate (us/s) 1.3659999E-08 Resid phdelay (usec) -3.73568E-06 +/- 2.1E-07  
 Delay rate (us/s) 7.76330722230E-02 Apriori rate (us/s) 7.76330765870E-02 Resid rate (us/s) -4.36401E-09 +/- 1.1E-09  
 Total phase (deg) 106.6 Apriori accel (us/s/s) 2.25114243617E-05 Resid phase (deg) 64.2 +/- 6.5

RMS Theor. Amplitude 0.371 +/- 0.021 Pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5  
 ph/seg (deg) 23.8 15.7 Search (4096X32) 0.362 Pcal rate: 0.000E+00, 0.000E+00 (us/s) sb window (us) -1.000 1.000  
 amp/seg (%) 34.7 27.3 Interp. 0.000 Bits/sample: 2x2 SampCntNorm: enabled mb window (us) -0.016 0.016  
 ph/frq (deg) 11.6 9.2 Inc. seg. avg. 0.38