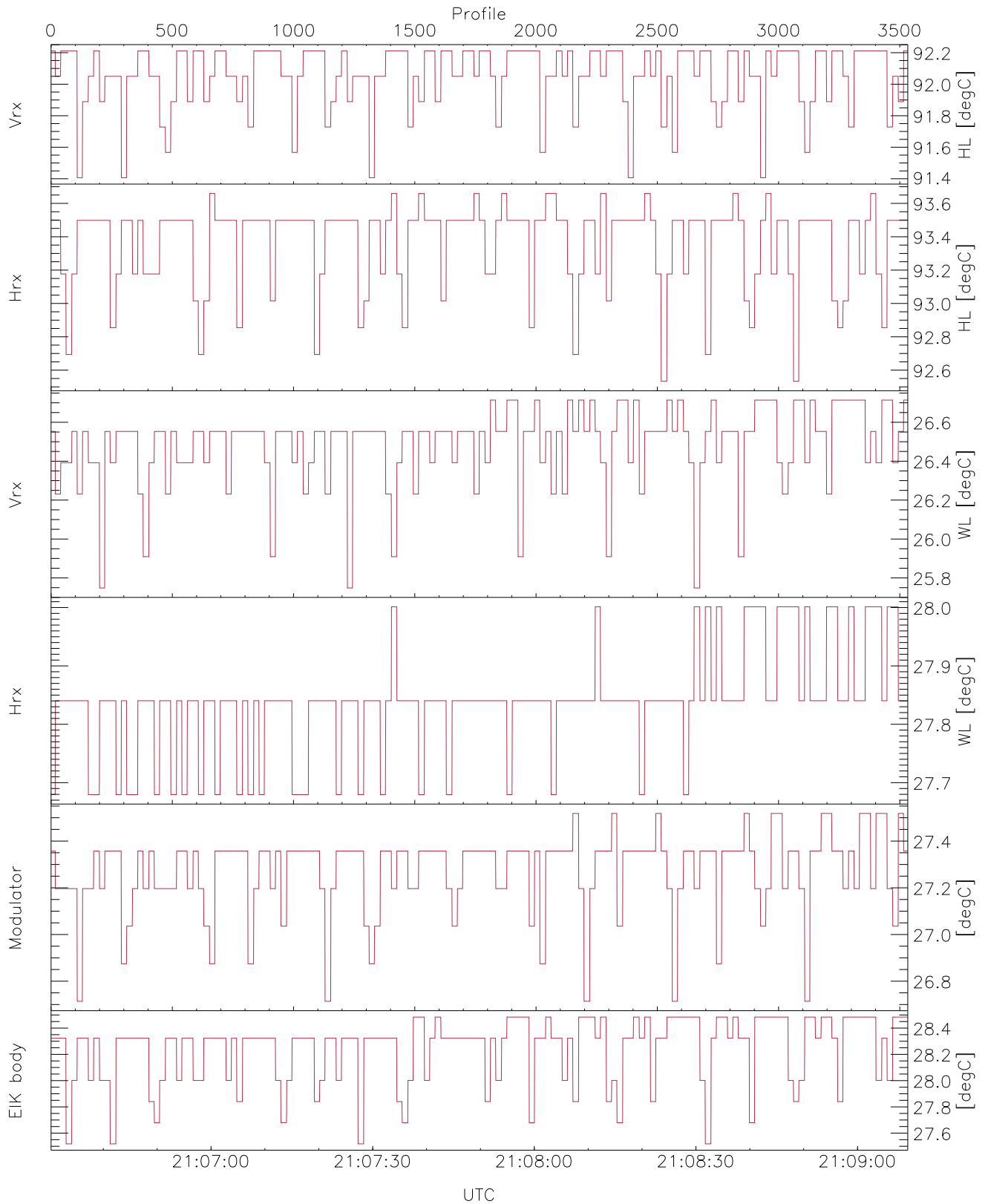


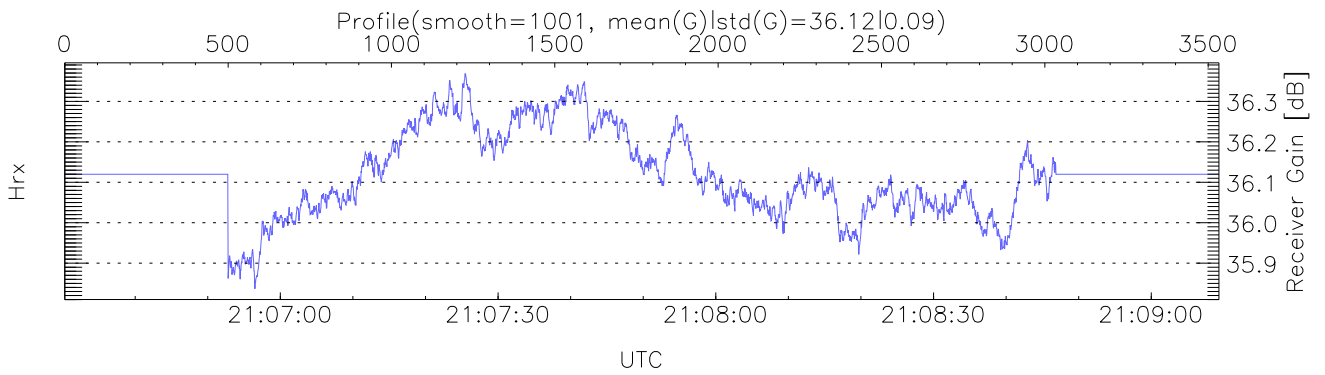
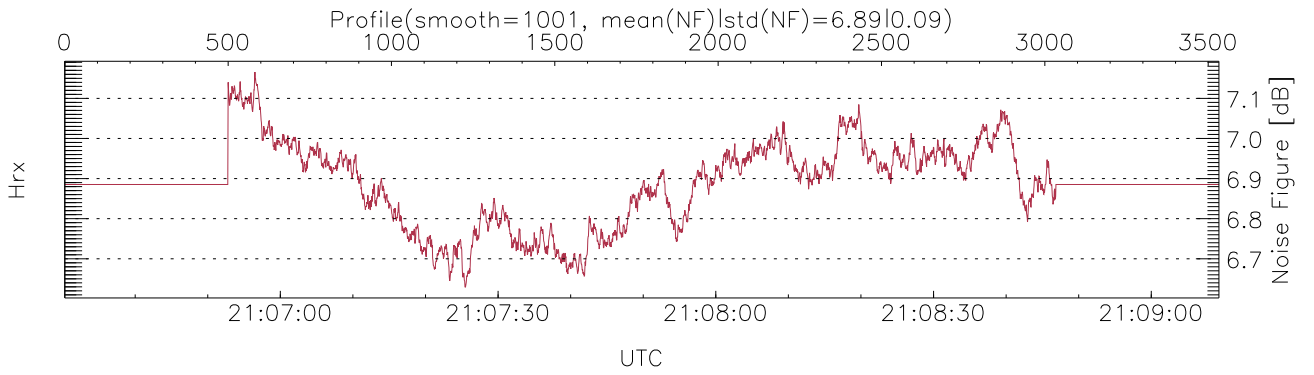
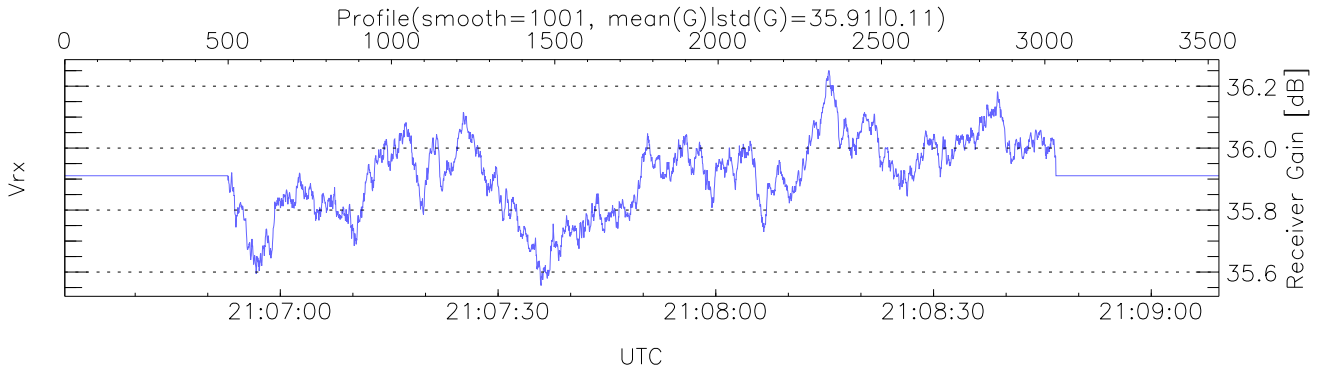
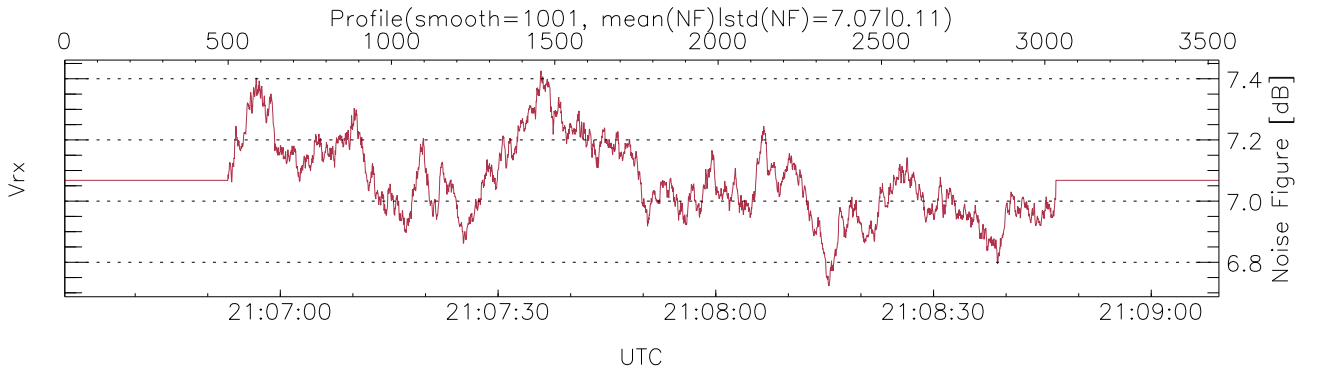
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 21:06:30-21:09:09, TimeCor: 0.00s, Dur: 159.02s  
 TimeFlg: 1, TFPstatus constant.  
 TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2  
 NumRec(r/t): 3534/3534, 0-3533/21:06:30-21:09:09  
 AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100  
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H1 V2 V2 V2 H2 H2 H2  
 PRF: 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us  
 Range(min,max,rqs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7  
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



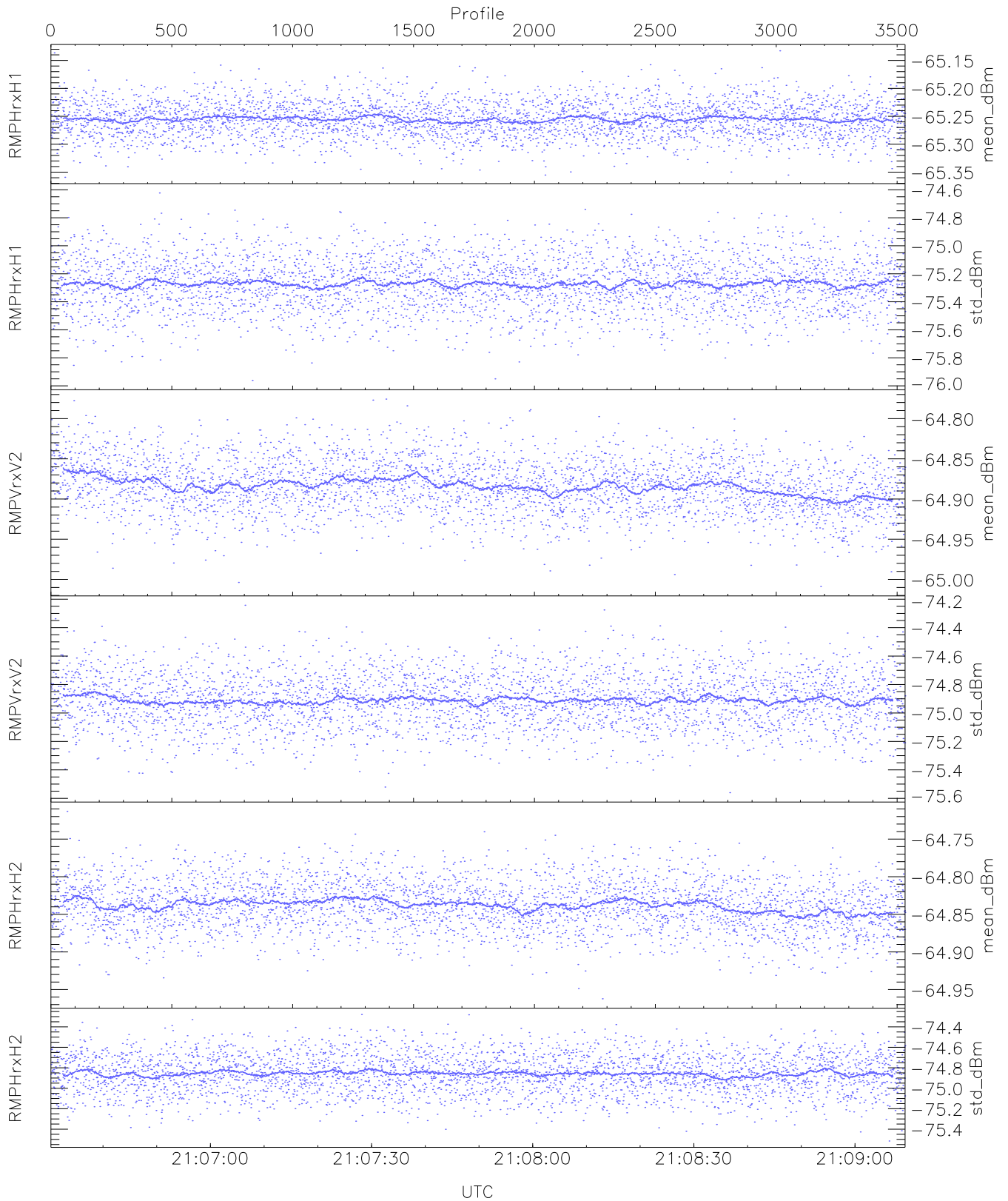
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,25,27,26,27  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,26,28,27,28  
LOalarm(20,240,2817,14861 MHz): None  
EIK Faults(# prof affected):  
DeckT,CollT,BodyCurr,Fault2,DeckF,OverDuty,HVPS,Fault1 (22,22,22,22,22,22,22,22)



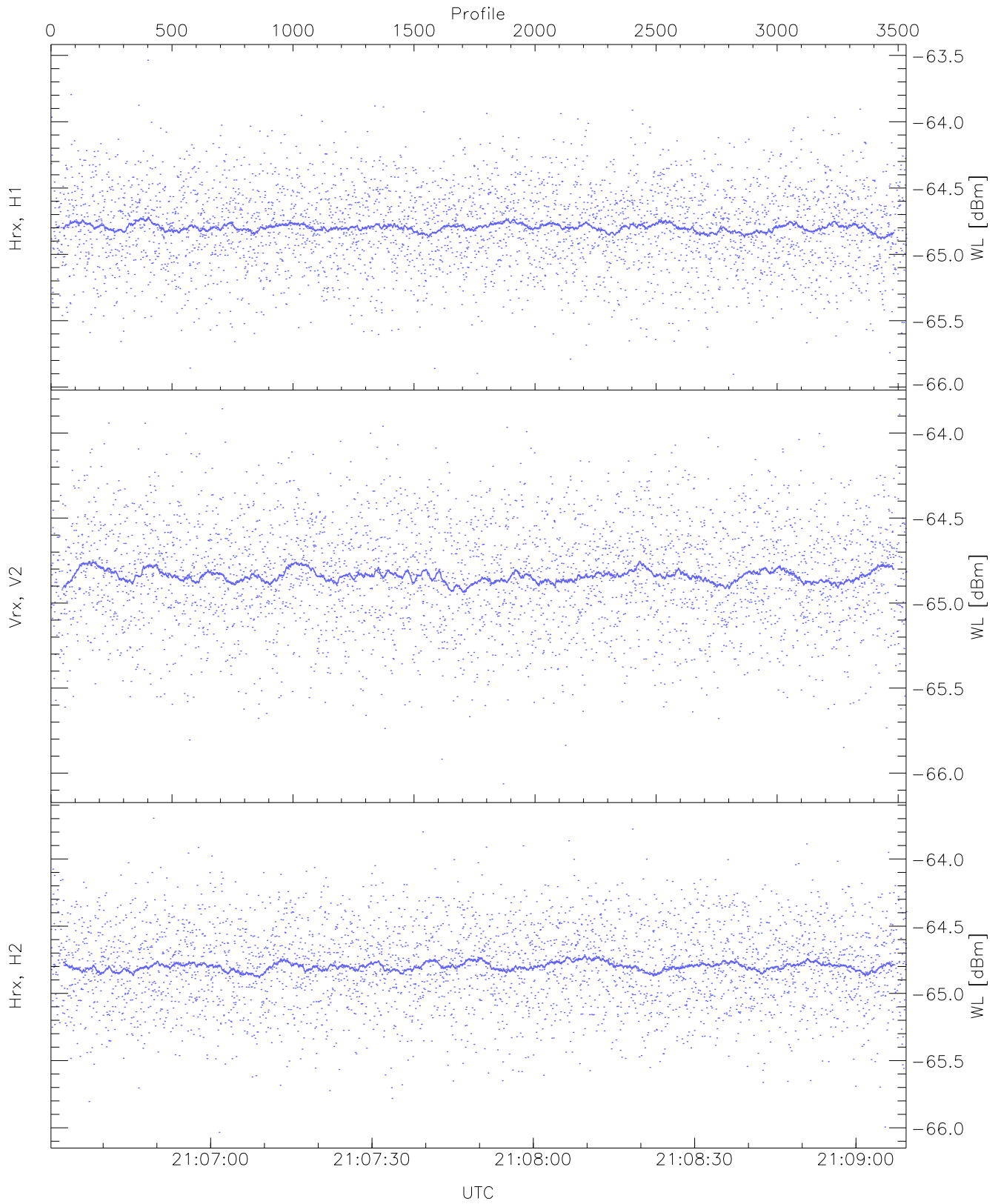
### WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 0 pixs, 0 gates, 0 profs, 0 prod(s)



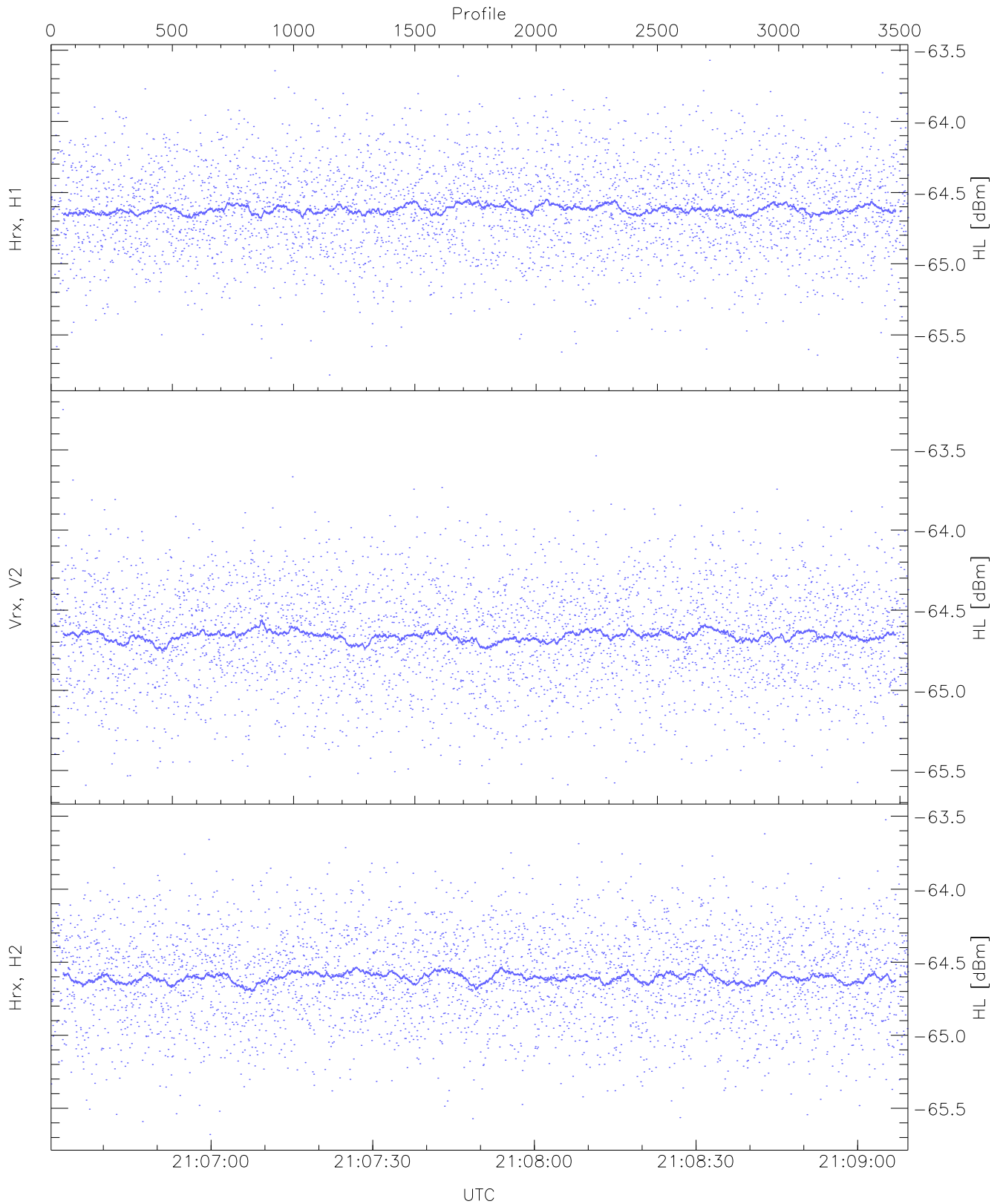
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.36	-65.13	-65.26	-65.26	-86.84
RMPHrxH1(std_dBm)	-75.96	-74.62	-75.27	-75.27	-89.05
RMPVrxV2(mean_dBm)	-65.01	-64.78	-64.88	-64.88	-86.26
RMPVrxV2(std_dBm)	-75.56	-74.24	-74.91	-74.91	-88.75
RMPHrxH2(mean_dBm)	-64.96	-64.71	-64.84	-64.84	-86.30
RMPHrxH2(std_dBm)	-75.52	-74.28	-74.85	-74.86	-88.66



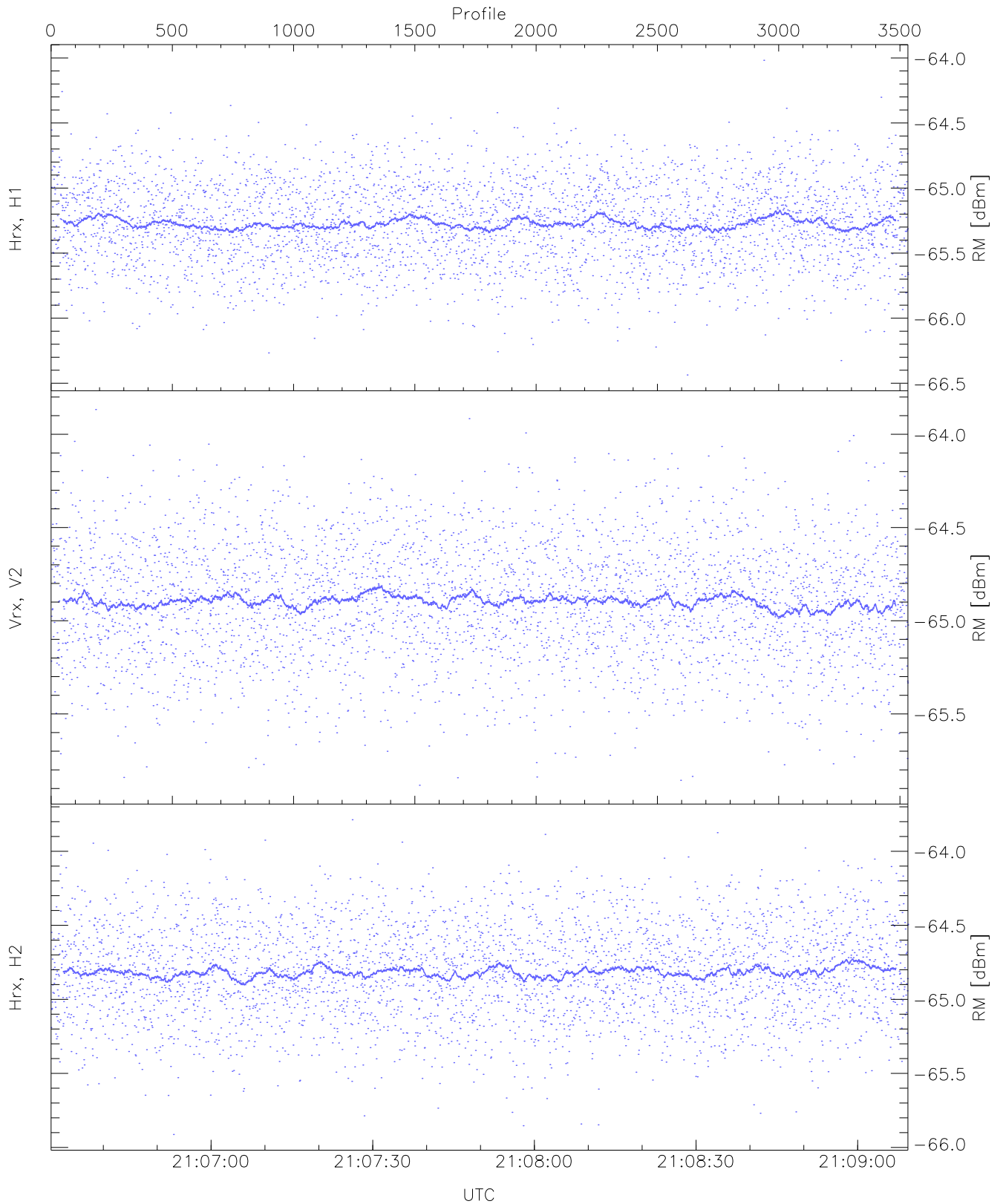
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-65.90	-63.54	-64.79	-64.79	-76.28
Vrx, V2(WL [dBm])	-66.06	-63.86	-64.83	-64.84	-76.38
Hrx, H2(WL [dBm])	-66.03	-63.70	-64.79	-64.80	-76.33



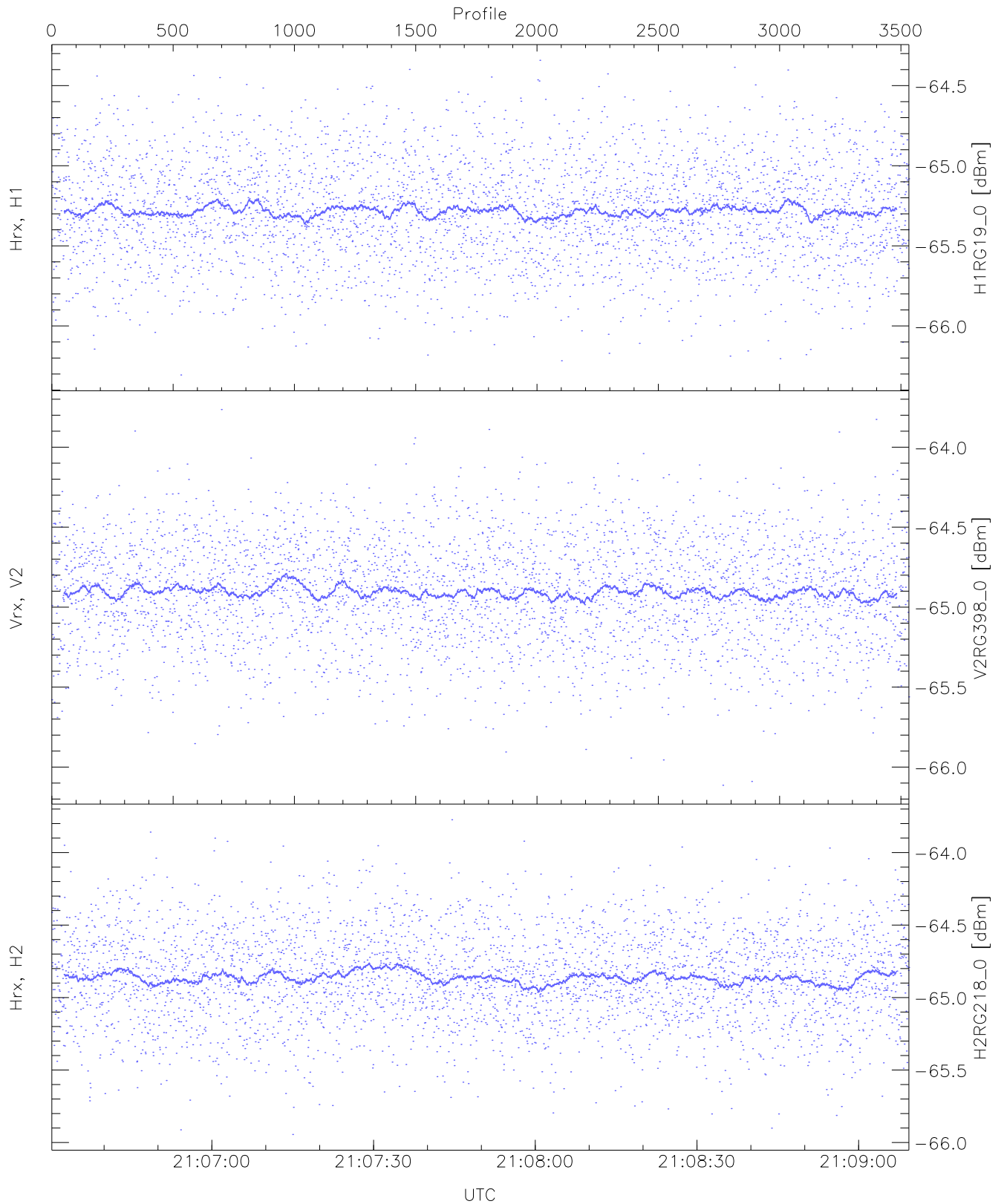
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.78	-63.57	-64.61	-64.62	-76.11
Vrx, V2 (HL [dBm])	-65.59	-63.25	-64.65	-64.65	-76.11
Hrx, H2 (HL [dBm])	-65.68	-63.52	-64.60	-64.60	-76.11



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

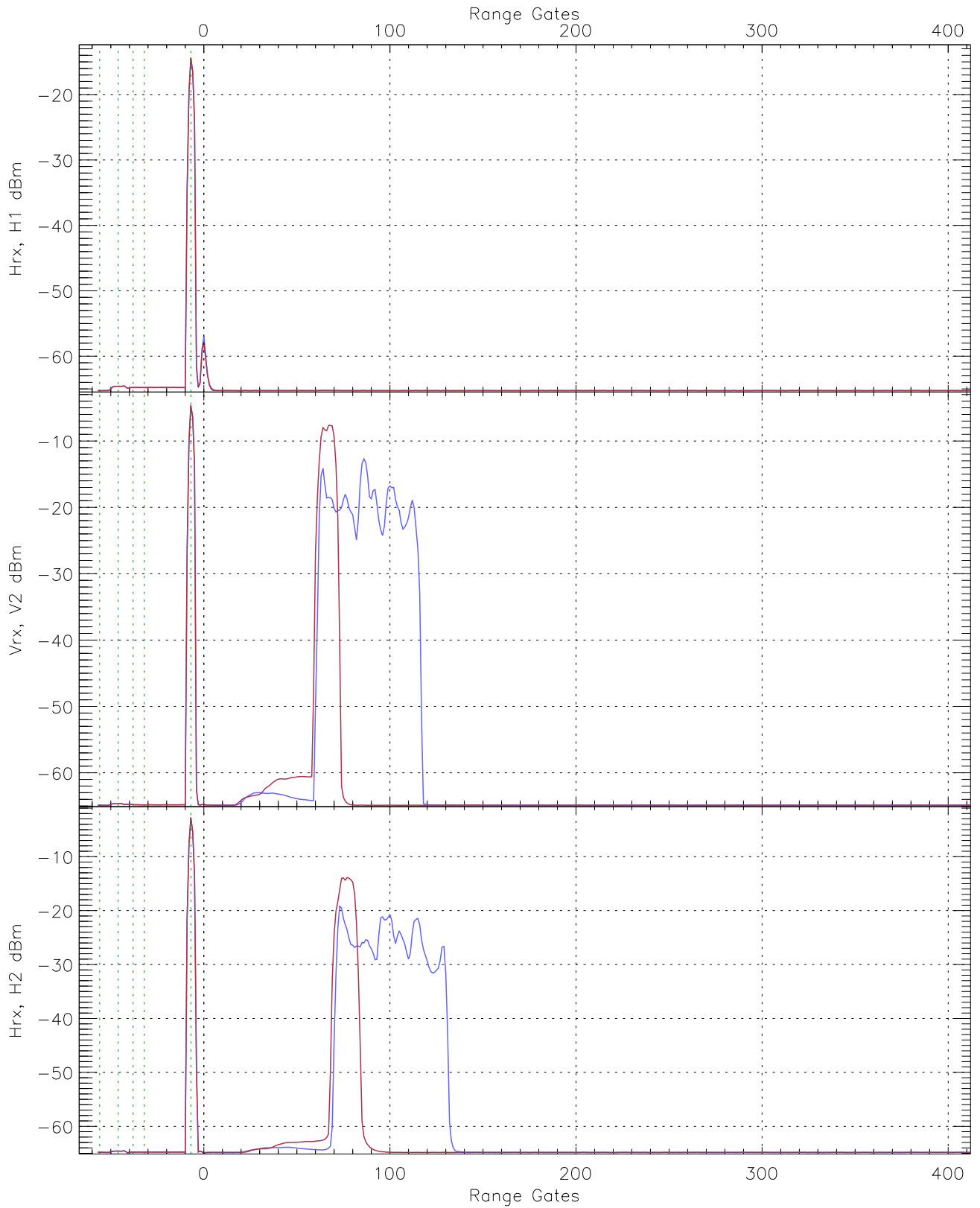
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.44	-64.02	-65.26	-65.27	-76.78
Vrx, V2 (RM [dBm])	-65.88	-63.87	-64.89	-64.89	-76.43
Hrx, H2 (RM [dBm])	-65.91	-63.79	-64.81	-64.82	-76.34



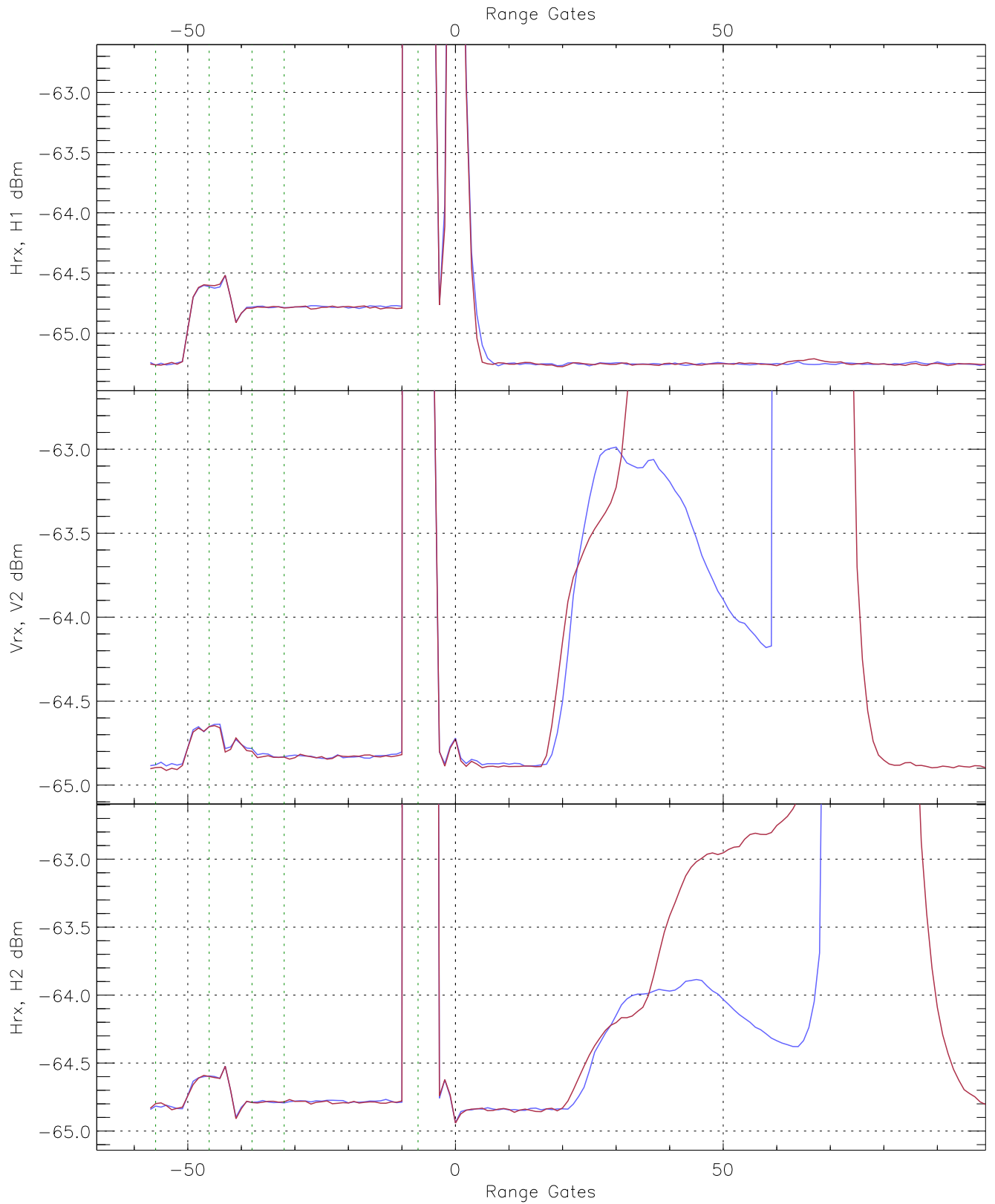
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG19_0 [dBm]	-66.31	-64.34	-65.27	-65.28	-76.80
V2RG398_0 [dBm]	-66.11	-63.76	-64.90	-64.90	-76.32
H2RG218_0 [dBm]	-65.94	-63.77	-64.85	-64.86	-76.35

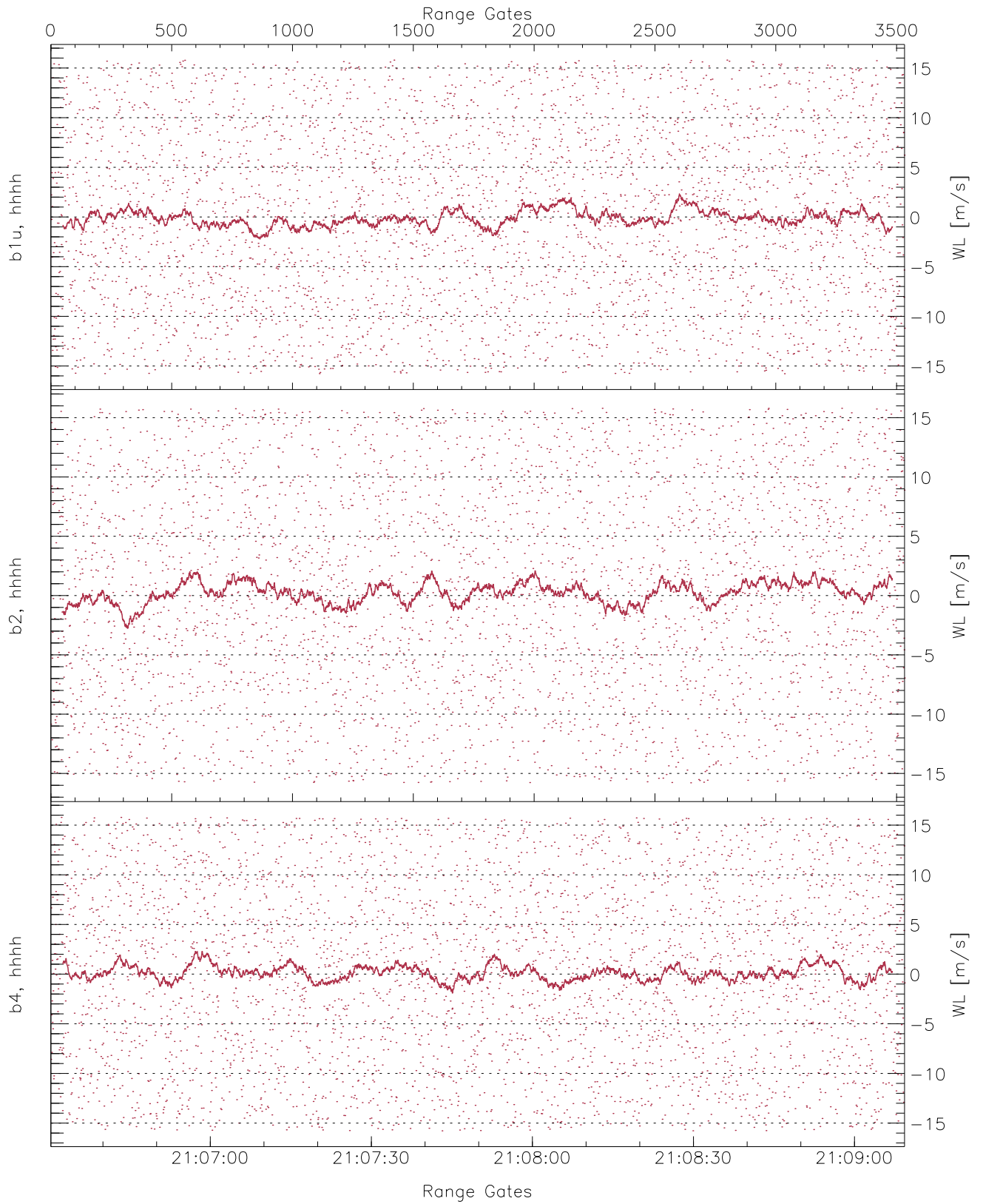




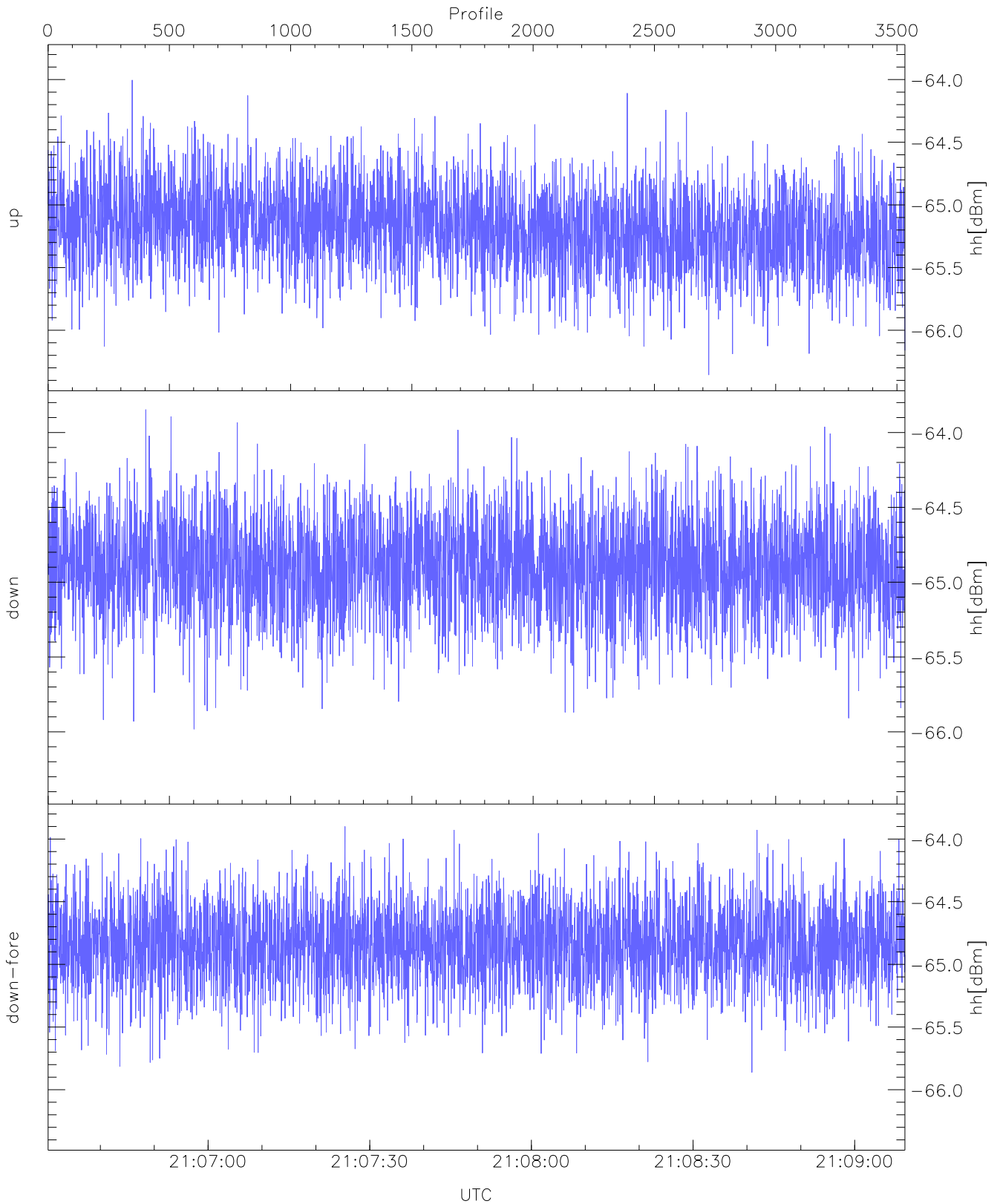
WCR3 CPP Averaged Received power for all recorded gates  
blue: 210630-210750, 1768 profiles averaged  
red: 210750-210909, 1767 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 210630-210750, 1768 profiles averaged  
red: 210750-210909, 1767 profiles averaged

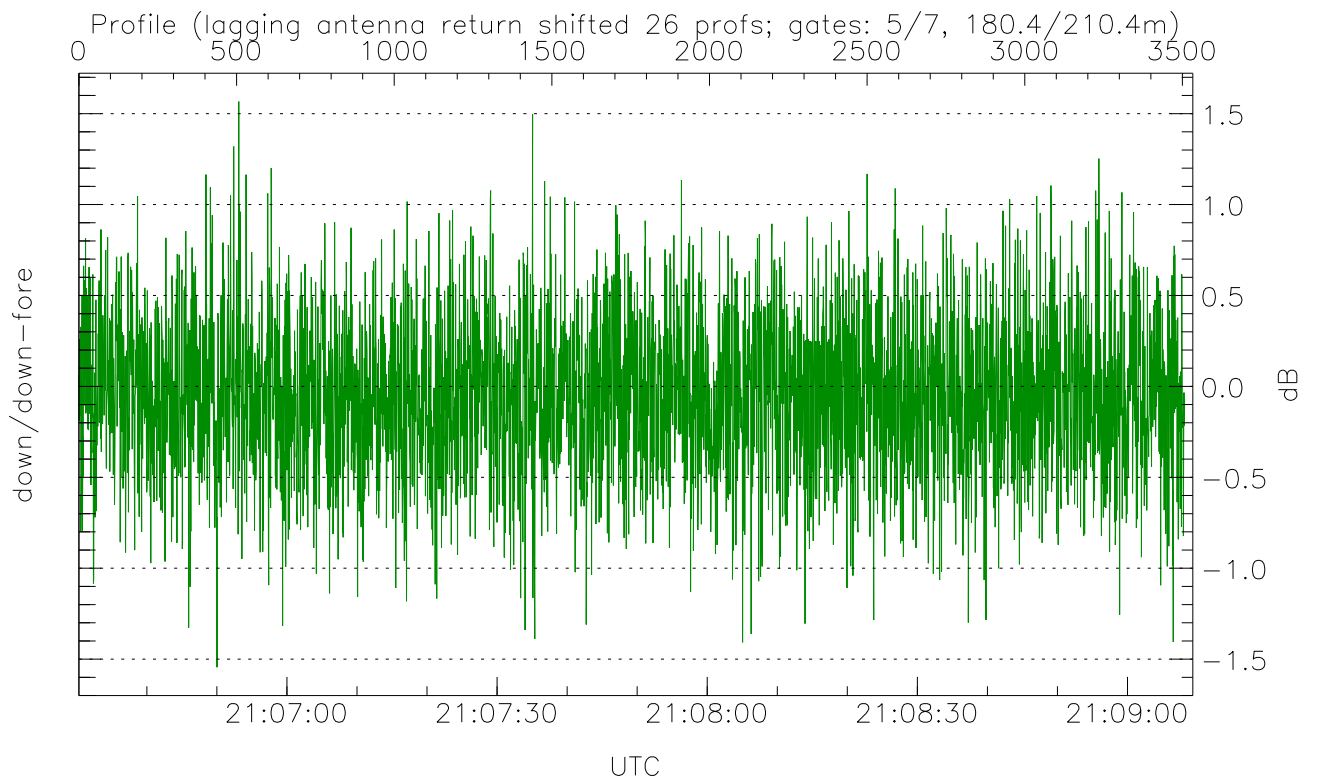
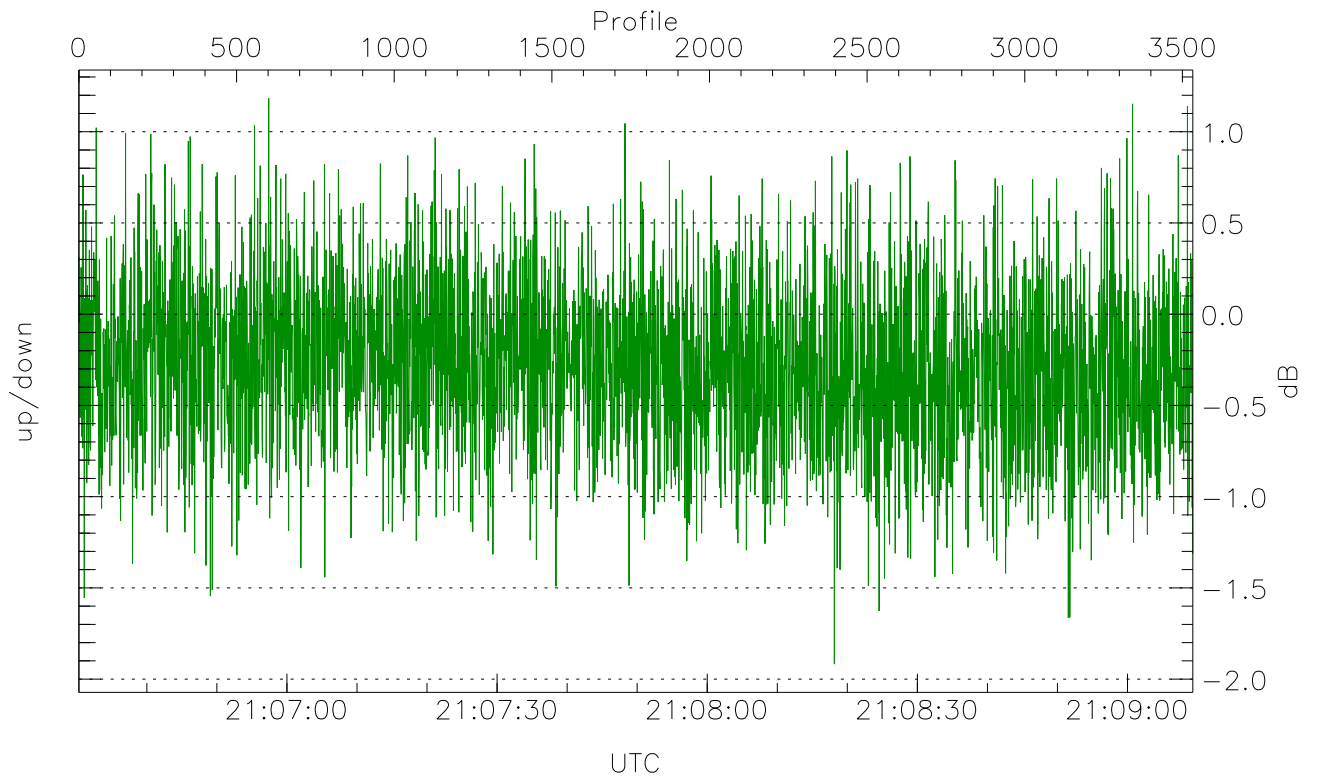


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



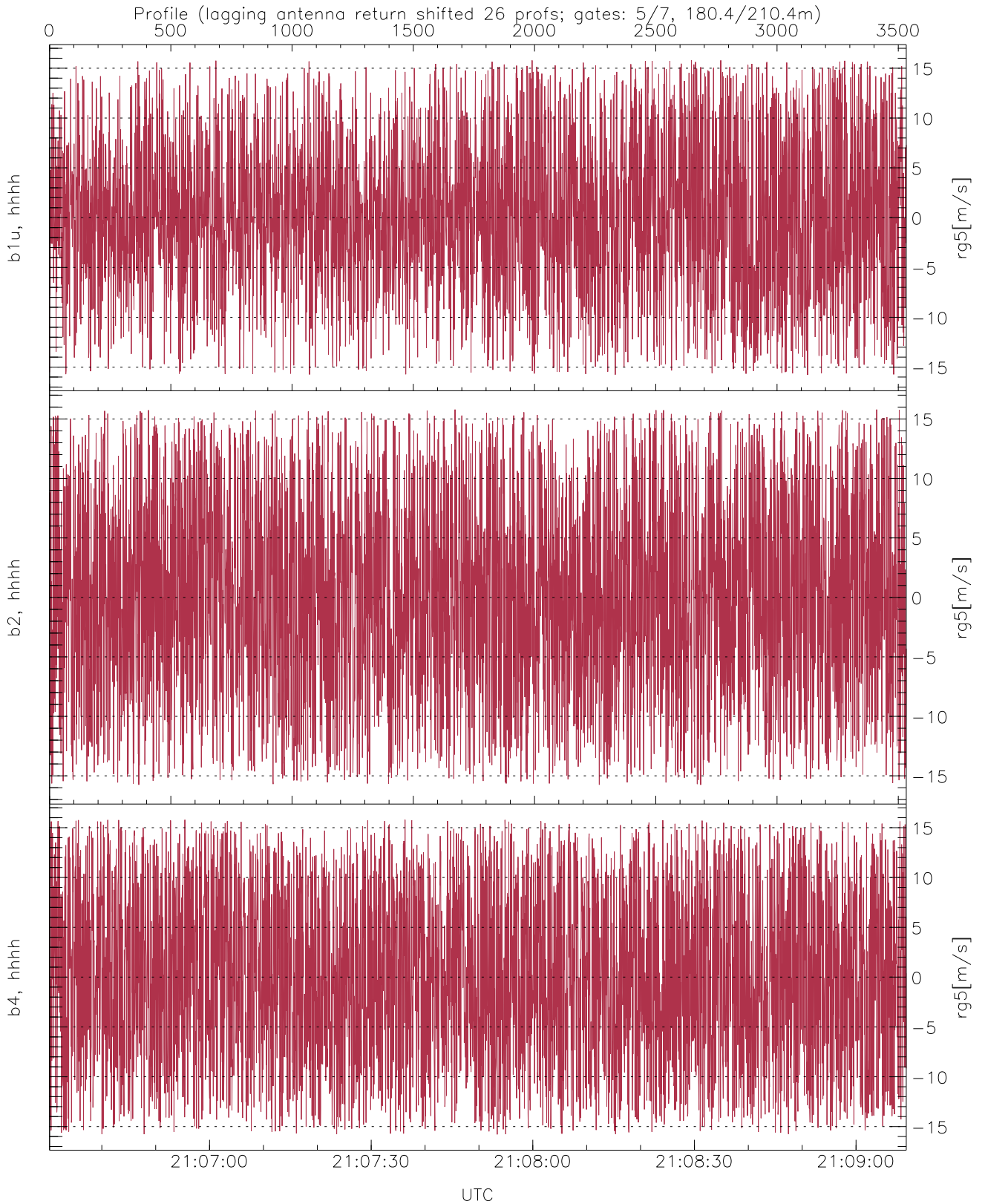
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.36	-64.00	-65.17
down(hh[dBm])	-65.98	-63.85	-64.89
down-fore(hh[dBm])	-65.86	-63.90	-64.84



WCR3 Beam pairs Received Power Ratio(s); RangeGate: 5 (180 m)

	Min	Max	Mean
up/down (dB)	-1.92	1.18	-0.28
down/down-fore (dB)	-1.54	1.57	-0.05



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.76	15.79	0.28	7.87
b2, hhhh(rg5[m/s])	-15.76	15.79	0.15	8.61
b4, hhhh(rg5[m/s])	-15.79	15.79	0.04	8.86