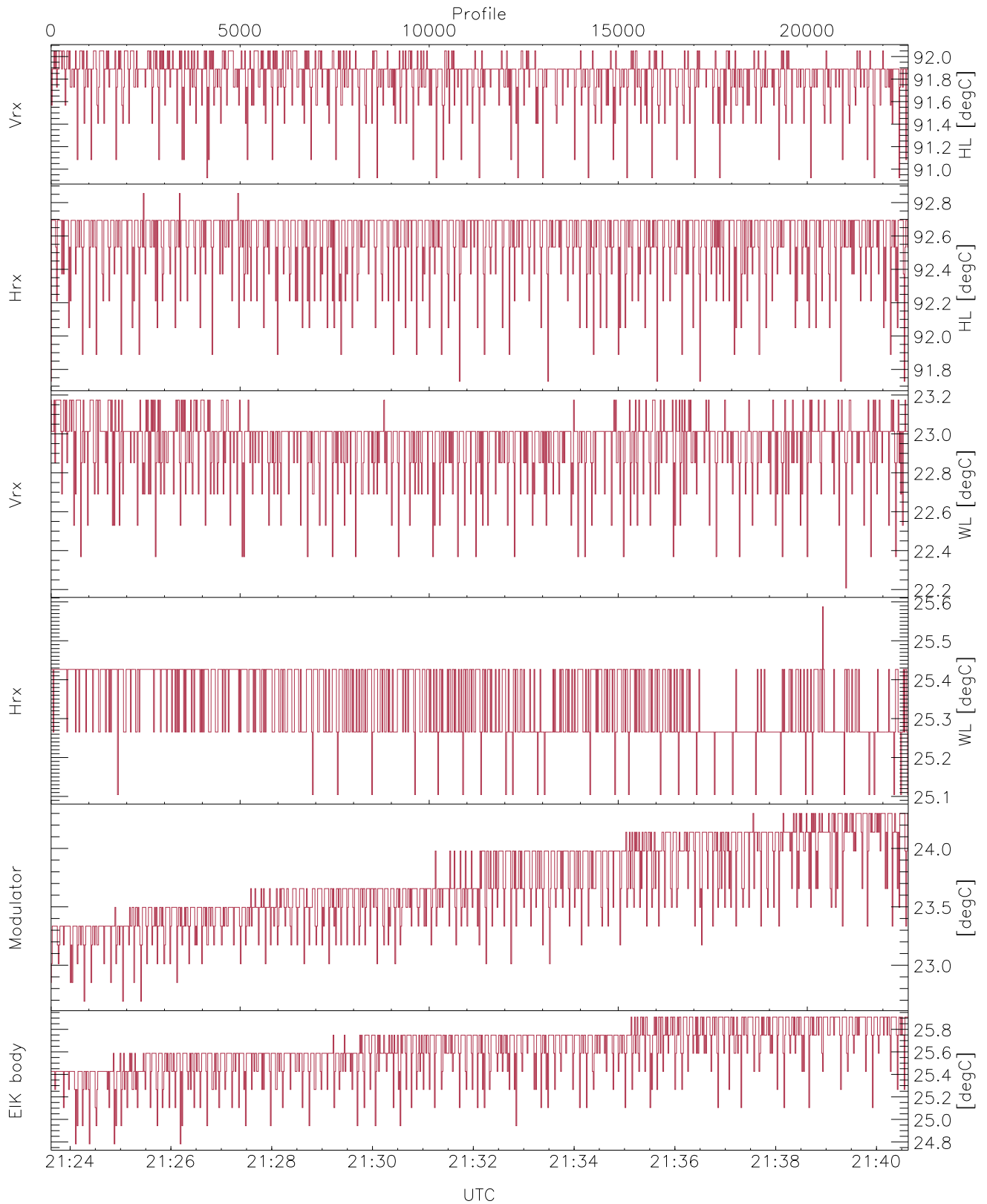


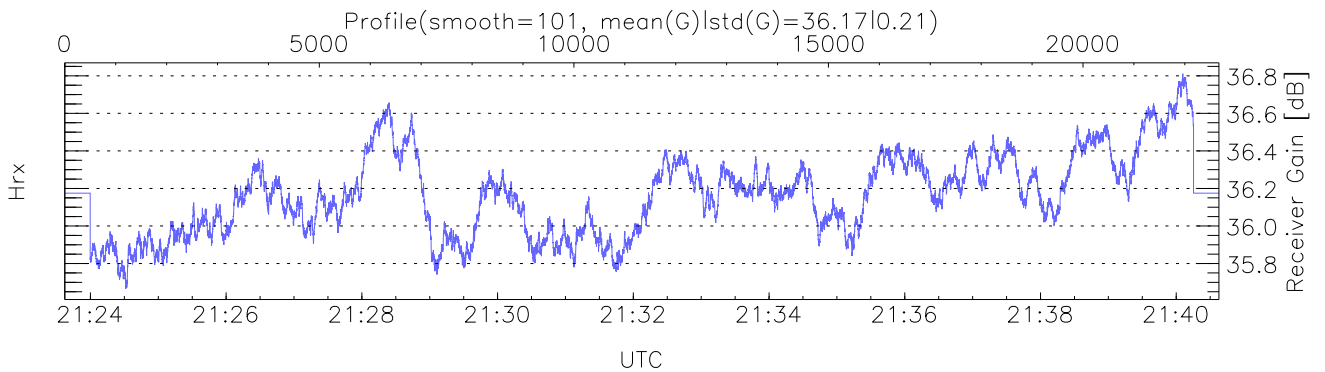
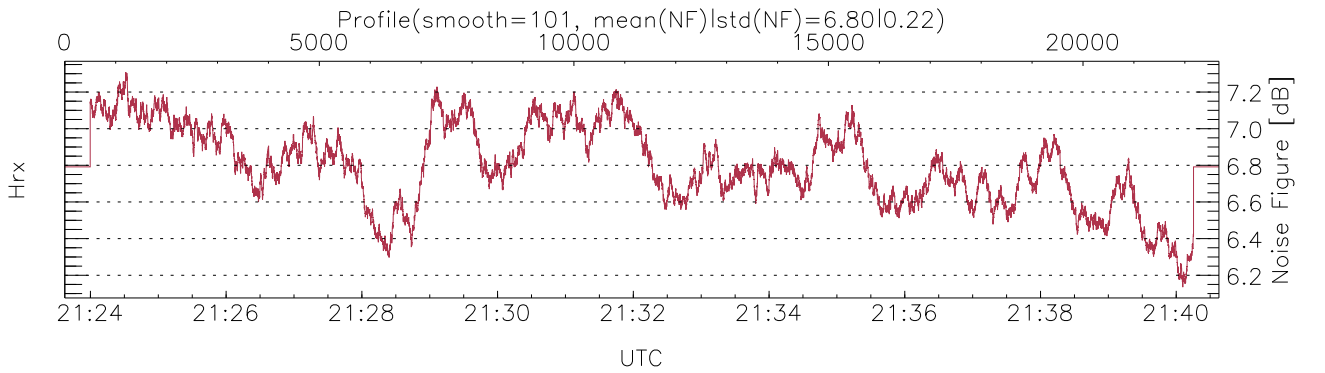
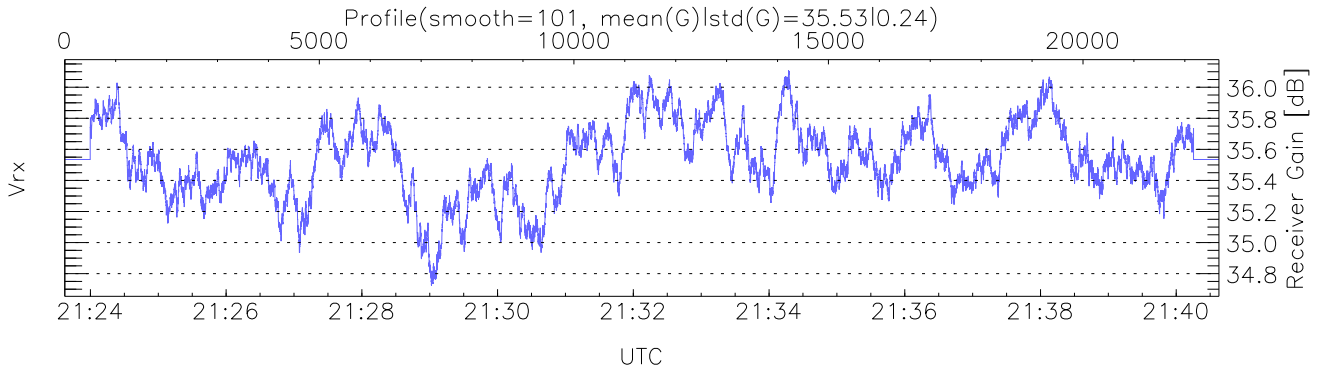
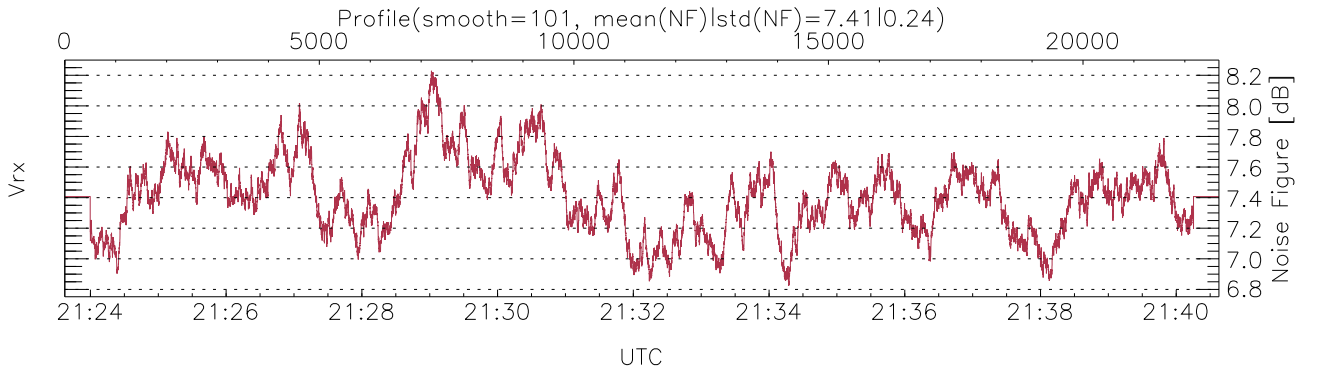
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 21:23:37-21:40:38, TimeCor: 0.00s, Dur: 1020.45s  
 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): 22672/22672, 0-22671/21:23:37-21:40:38  
 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 20.0 KHz, IGS: 50us  
 Range(min,max,rqs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7  
 Mirror(-910|112,3,9x = no mirror|sideluplerror): 1



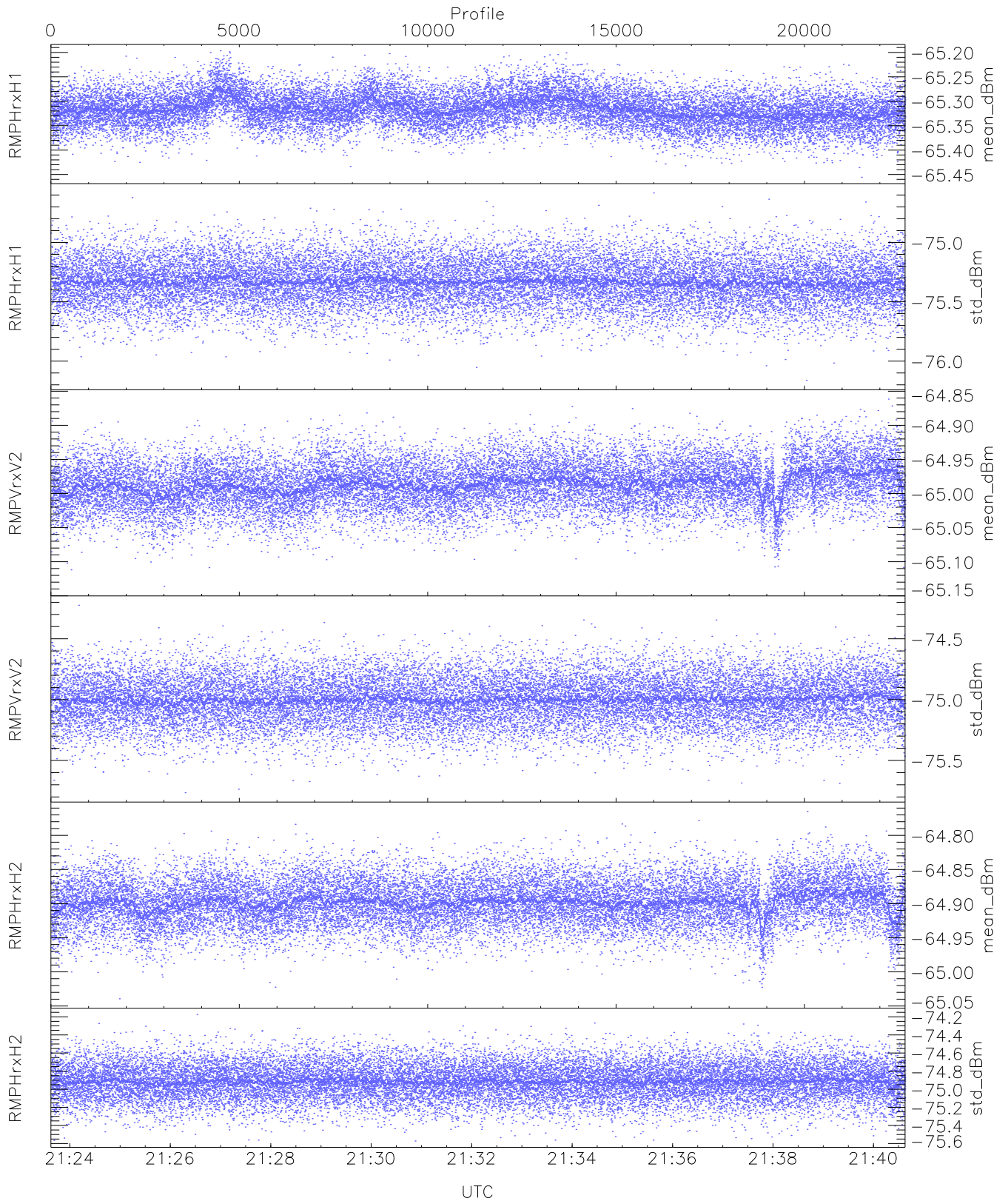
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,22,25,22,24  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,92,23,25,24,25  
LOalarm(20,240,2817,14861 MHz): 0,0,44,0  
EIK Faults(# prof affected):  
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (44,44,44,44,44,44)



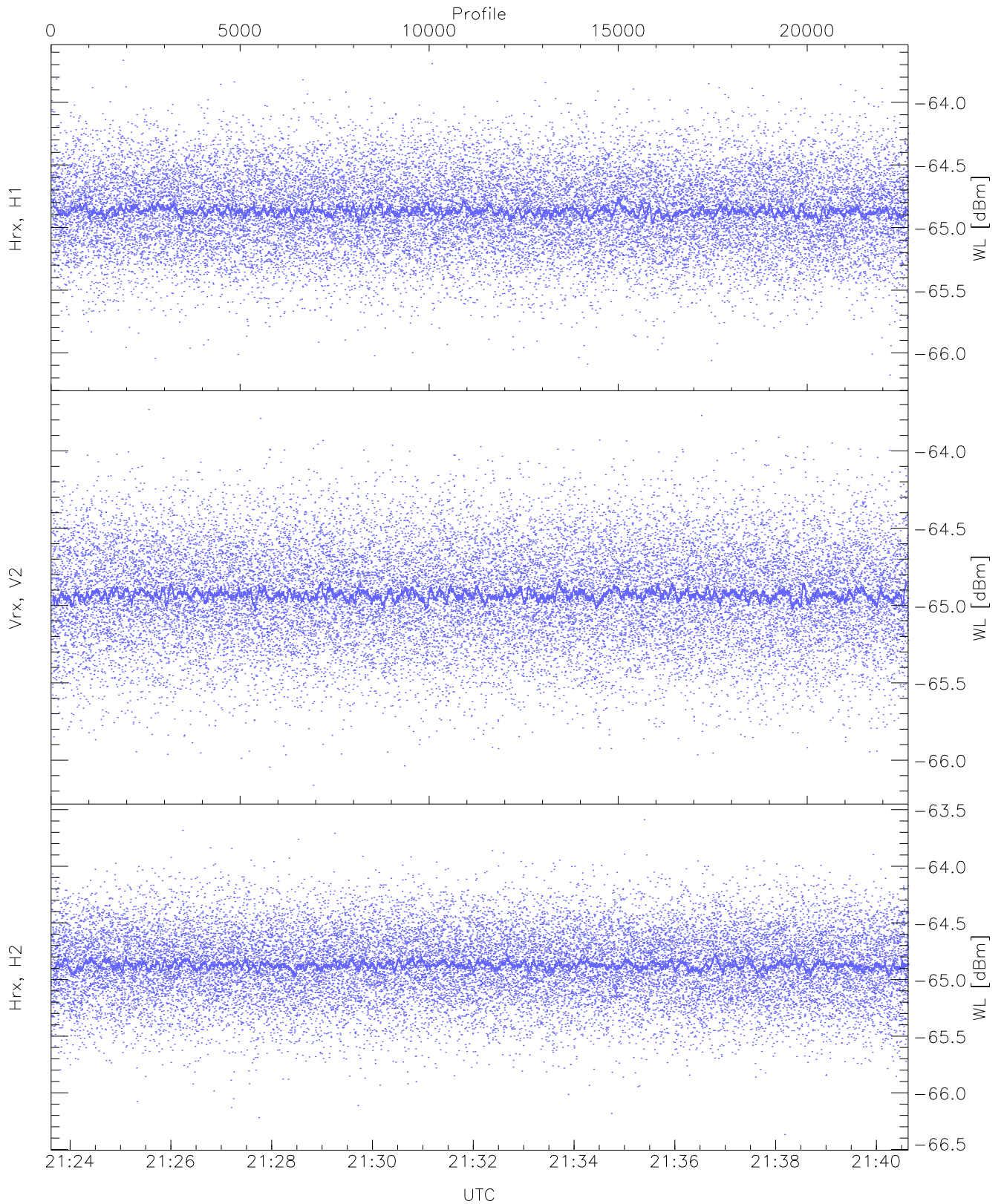
### WCR3 CPP Receivers Gain and Noise Figure

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



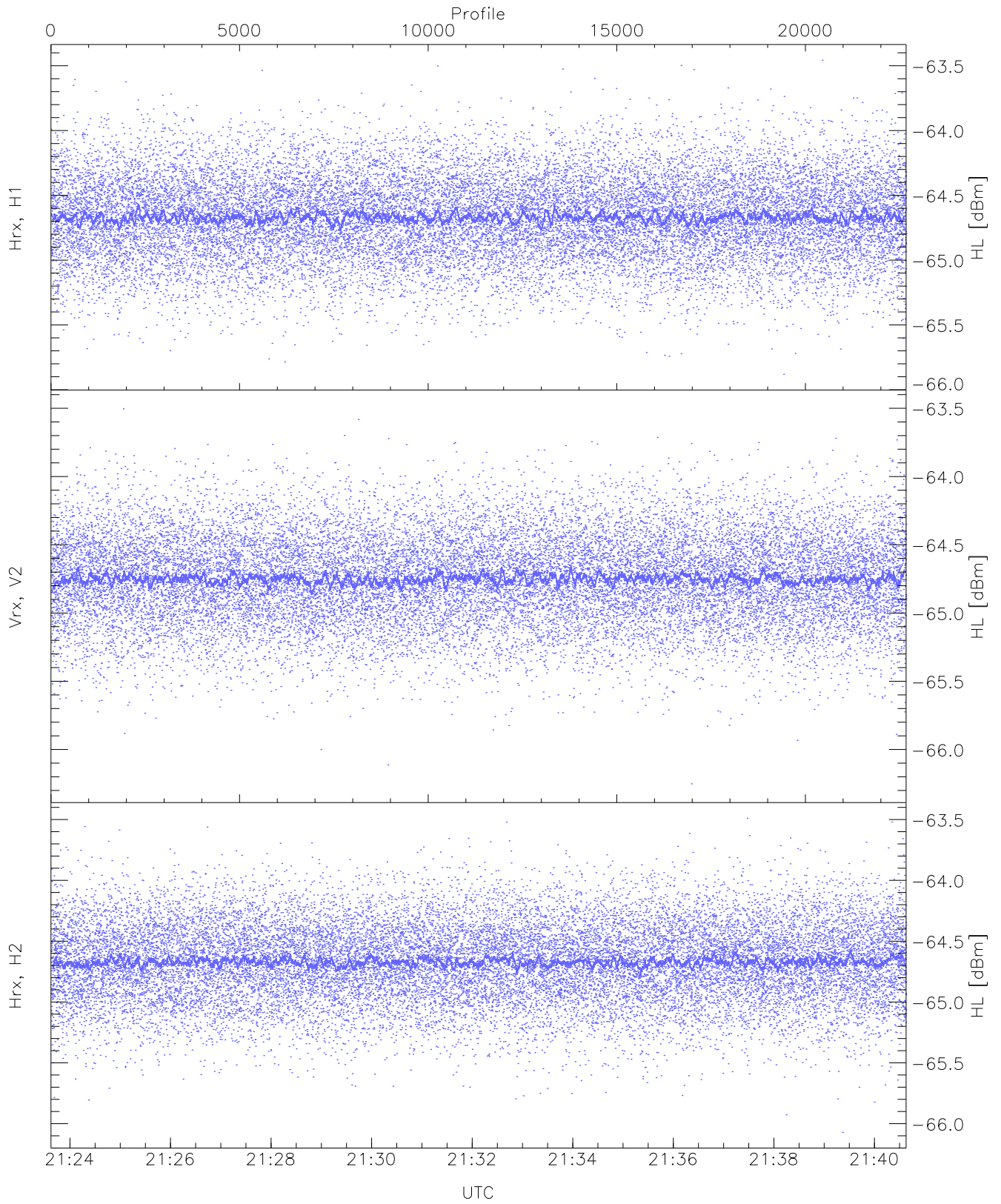
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.46	-65.20	-65.32	-65.32	-86.56
RMPHrxH1(std_dBm)	-76.16	-74.58	-75.33	-75.33	-89.11
RMPVrxV2(mean_dBm)	-65.14	-64.86	-64.99	-64.99	-86.31
RMPVrxV2(std_dBm)	-75.76	-74.22	-75.00	-75.00	-88.80
RMPHrxH2(mean_dBm)	-65.04	-64.76	-64.90	-64.90	-86.33
RMPHrxH2(std_dBm)	-75.57	-74.17	-74.91	-74.92	-88.70



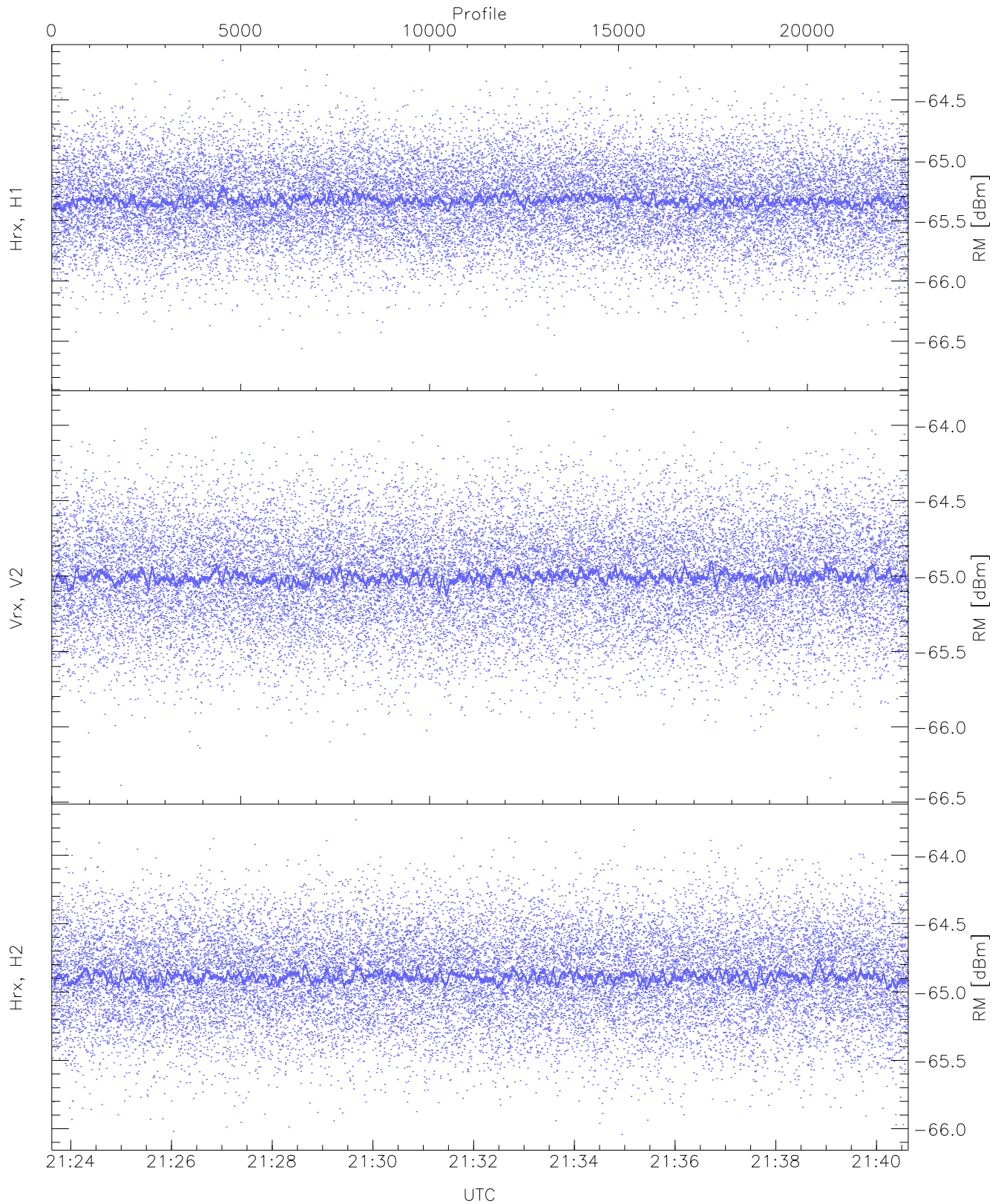
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.18	-63.67	-64.86	-64.87	-76.38
Vrx, V2 (WL [dBm])	-66.16	-63.73	-64.92	-64.93	-76.43
Hrx, H2 (WL [dBm])	-66.37	-63.59	-64.87	-64.87	-76.35



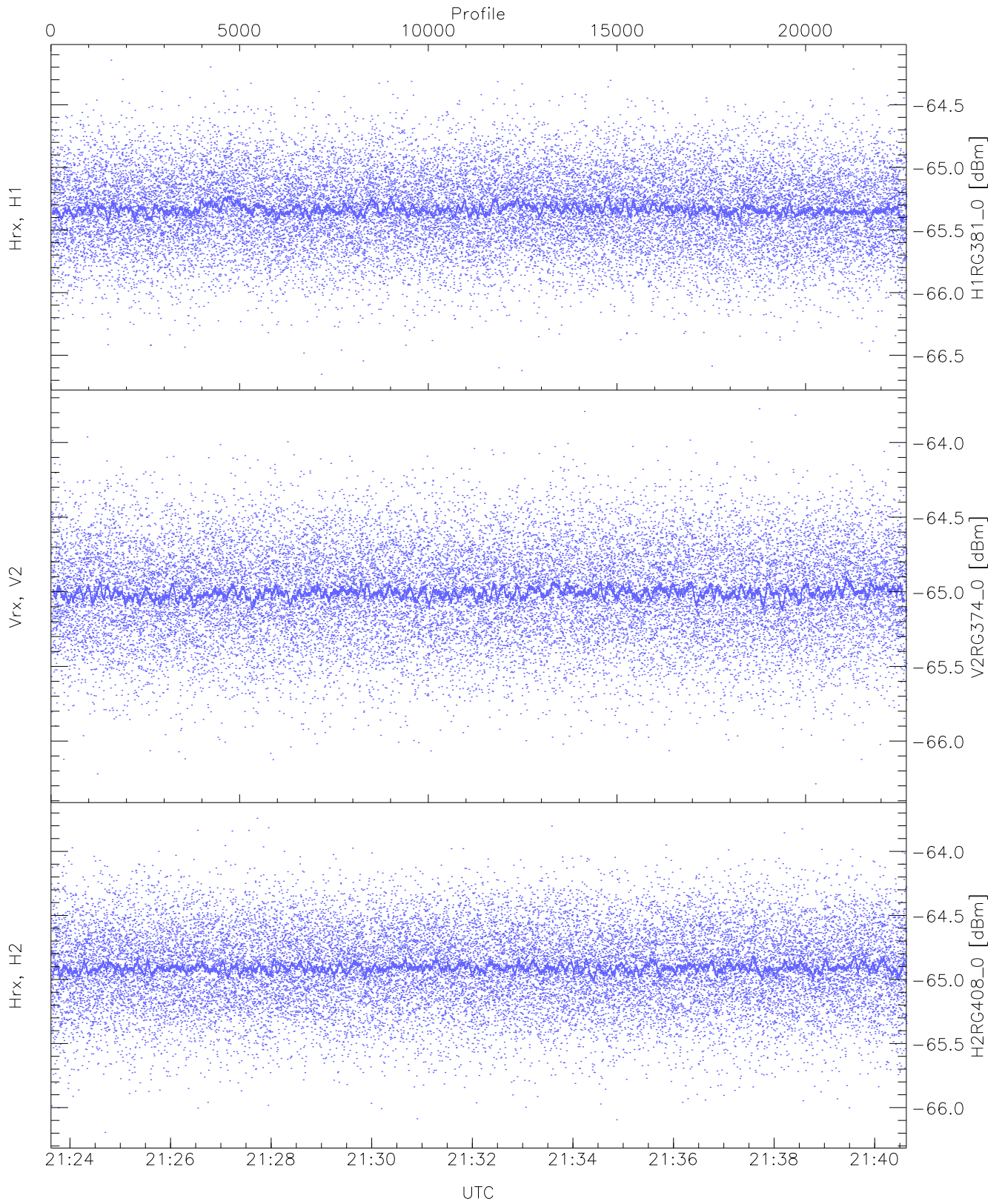
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.88	-63.46	-64.66	-64.67	-76.20
Vrx, V2 (HL [dBm])	-66.25	-63.50	-64.74	-64.75	-76.23
Hrx, H2 (HL [dBm])	-66.07	-63.49	-64.66	-64.67	-76.16



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

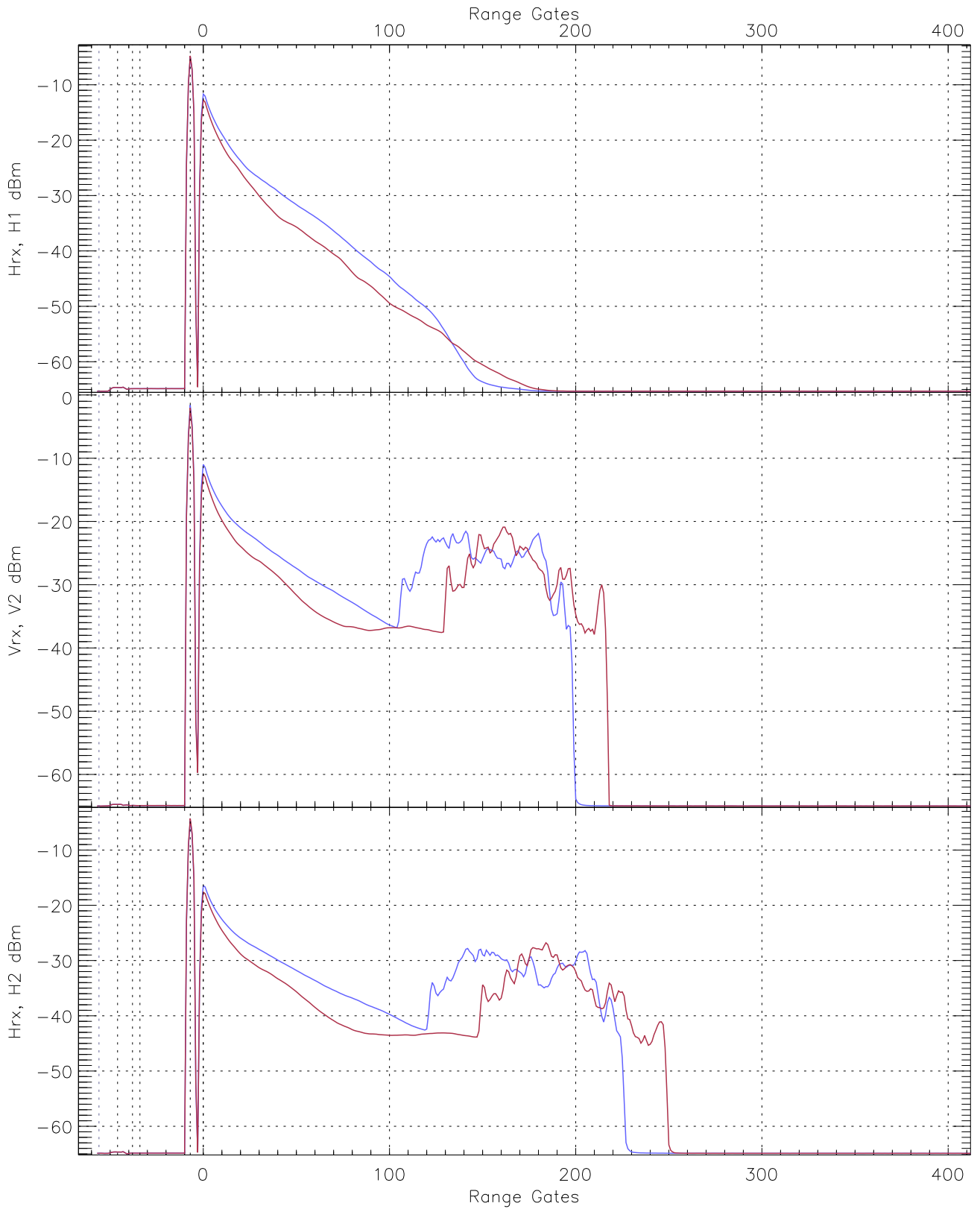
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.78	-64.17	-65.33	-65.34	-76.84
Vrx, V2 (RM [dBm])	-66.39	-63.90	-65.00	-65.01	-76.50
Hrx, H2 (RM [dBm])	-66.04	-63.74	-64.88	-64.89	-76.42



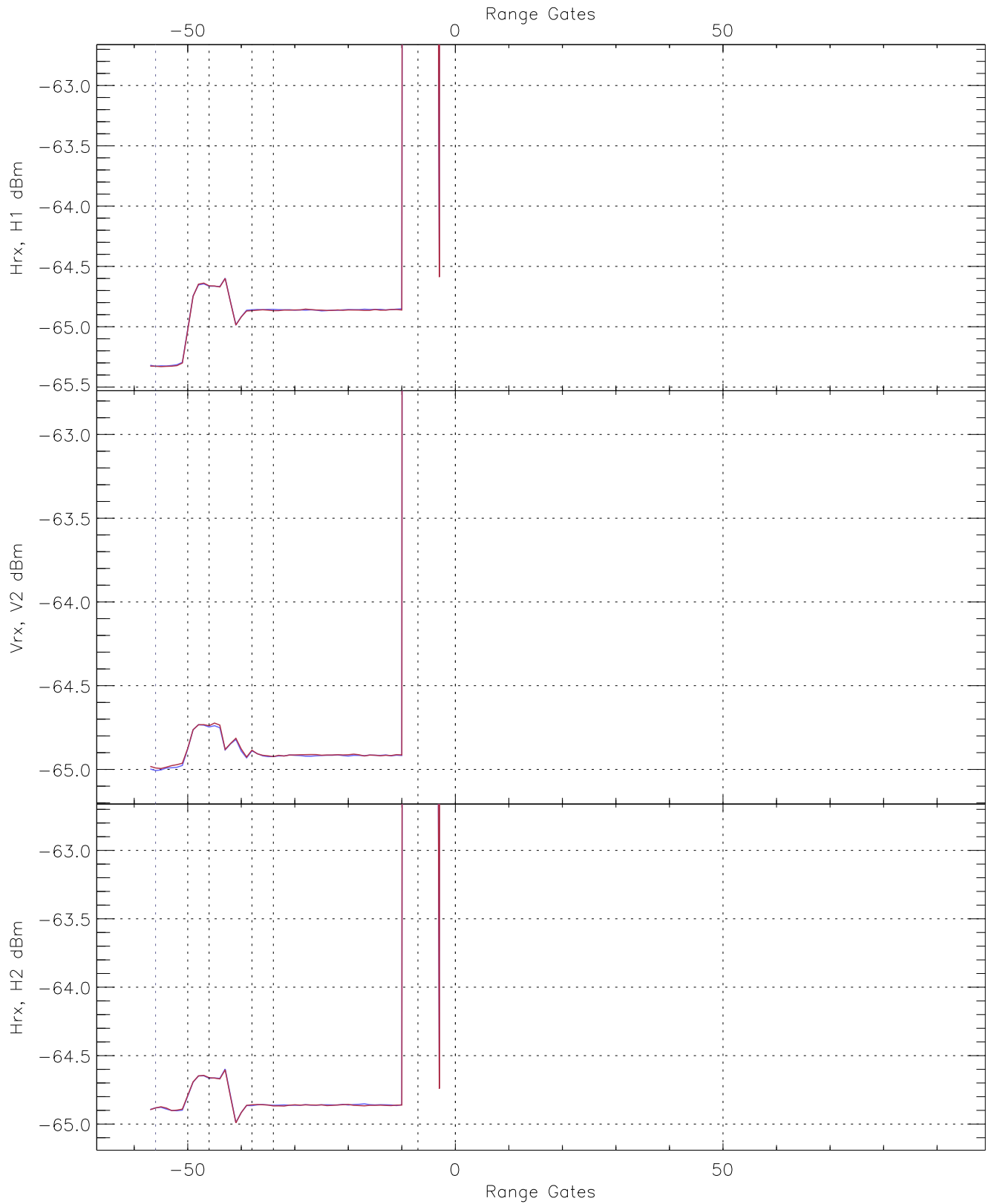
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG381_0 [dBm]	-66.65	-64.14	-65.33	-65.33	-76.86
V2RG374_0 [dBm]	-66.29	-63.77	-65.00	-65.01	-76.52
H2RG408_0 [dBm]	-66.19	-63.74	-64.90	-64.91	-76.40

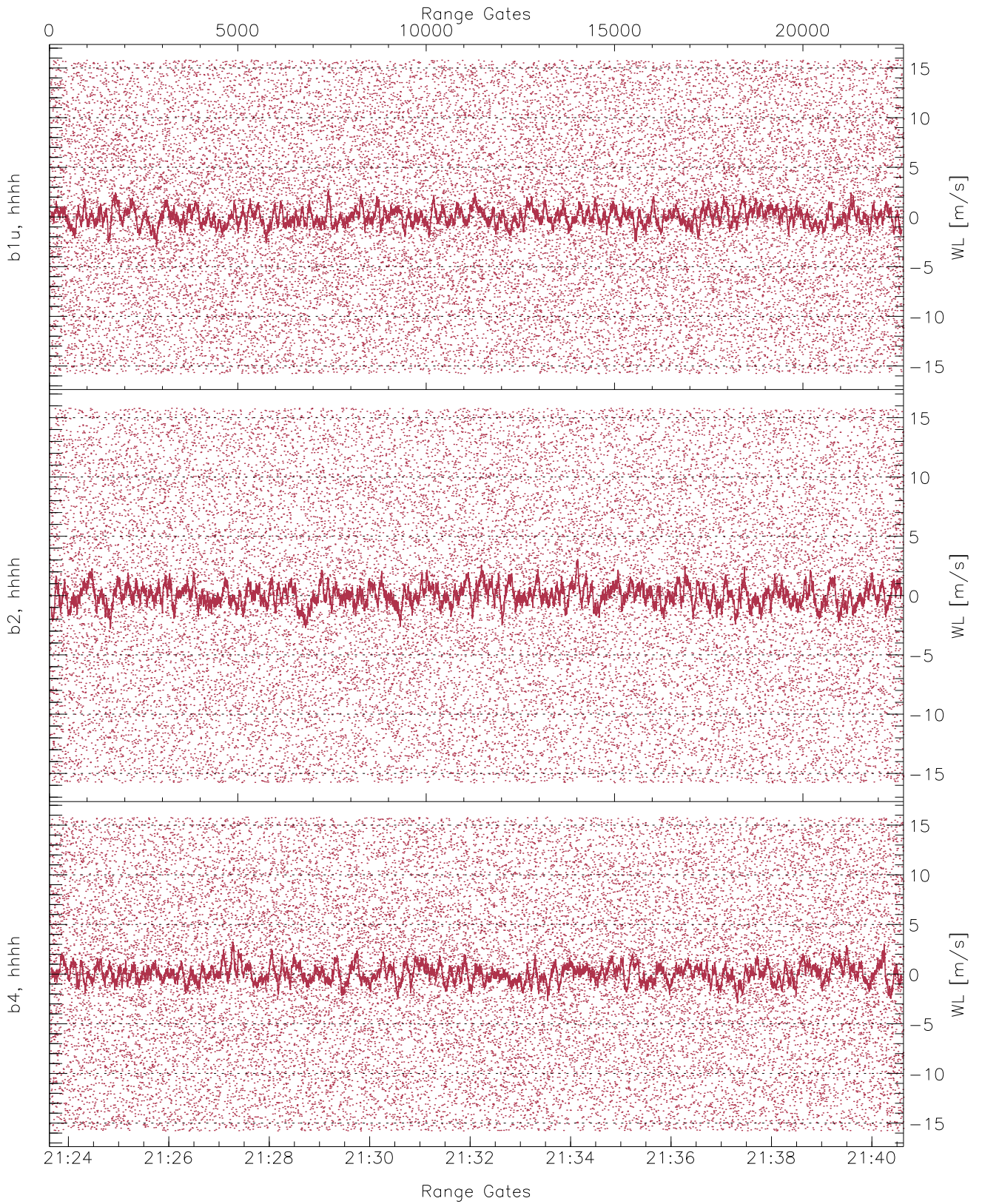




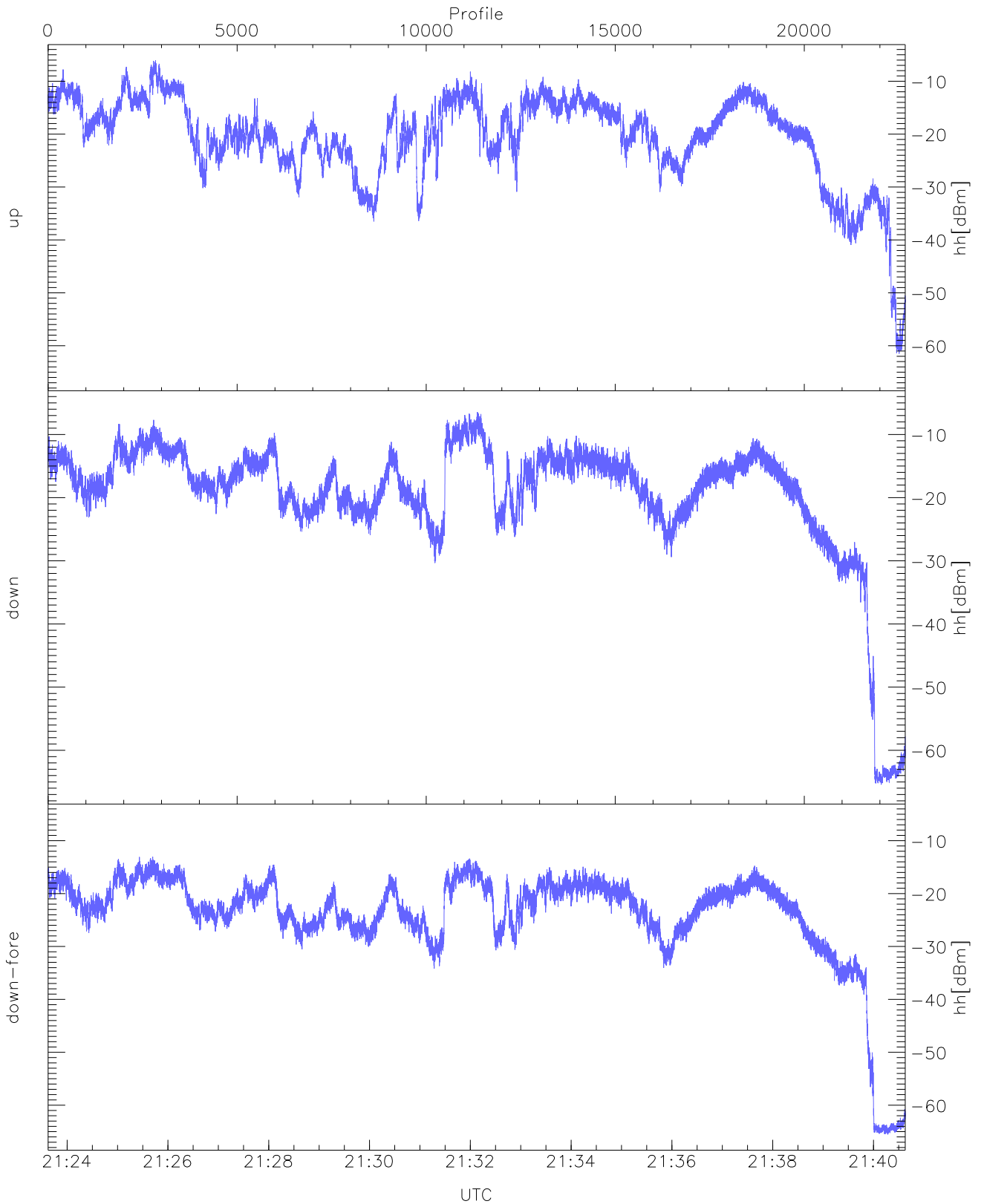
WCR3 CPP Averaged Received power for all recorded gates  
blue: 212337-213208, 11337 profiles averaged  
red: 213208-214038, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 212337-213208, 11337 profiles averaged  
red: 213208-214038, 11336 profiles averaged

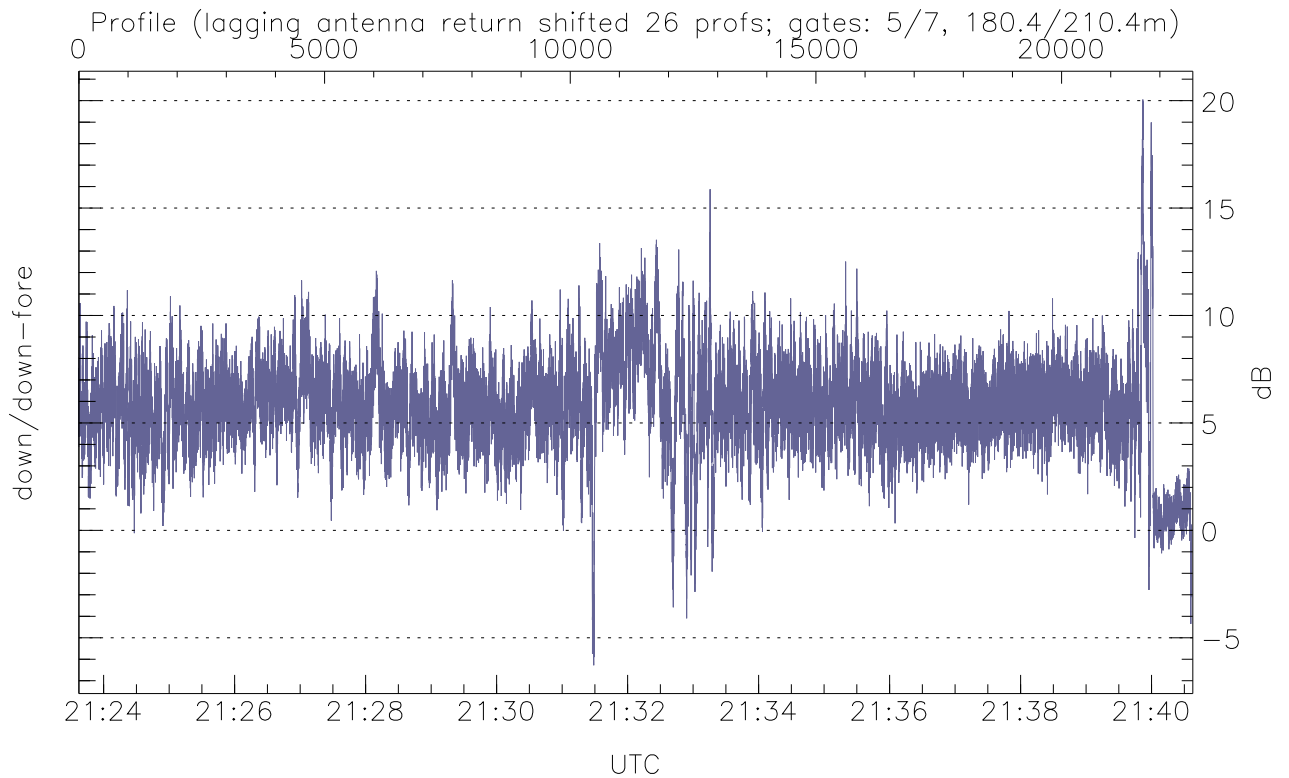
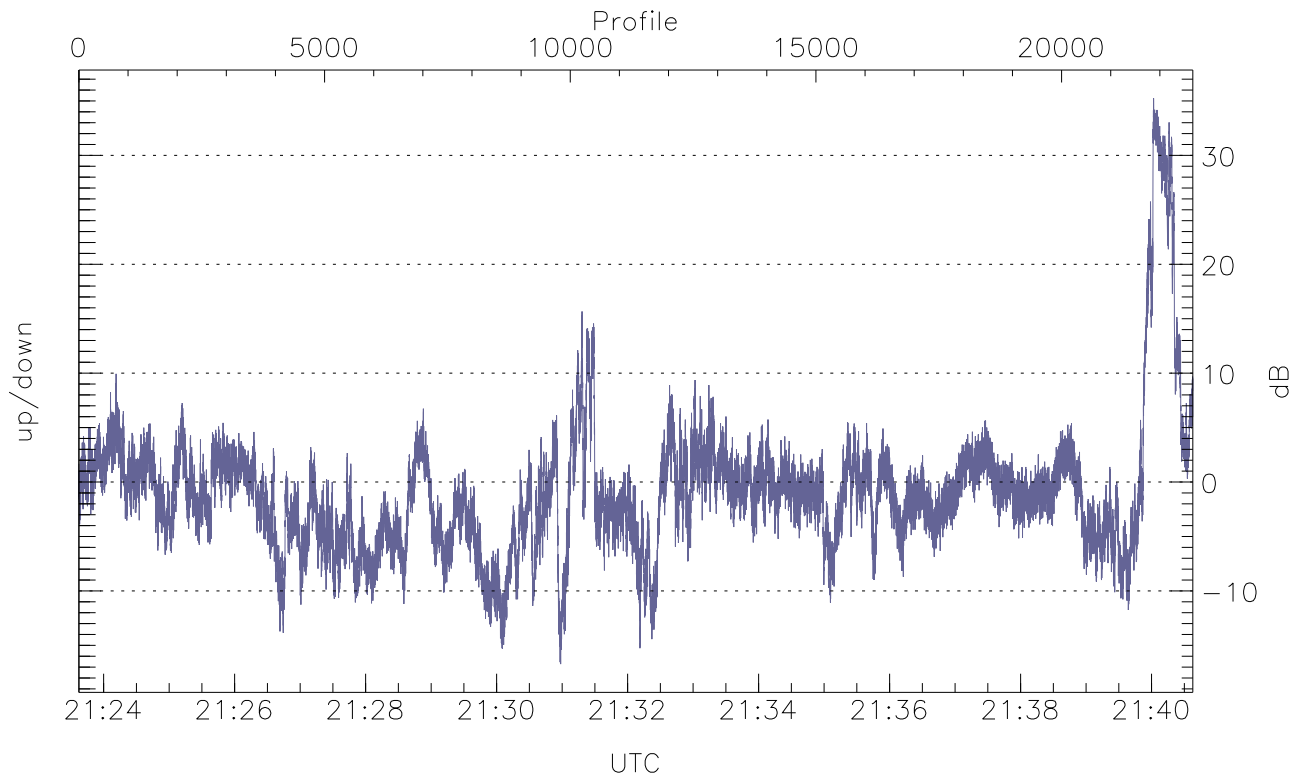


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



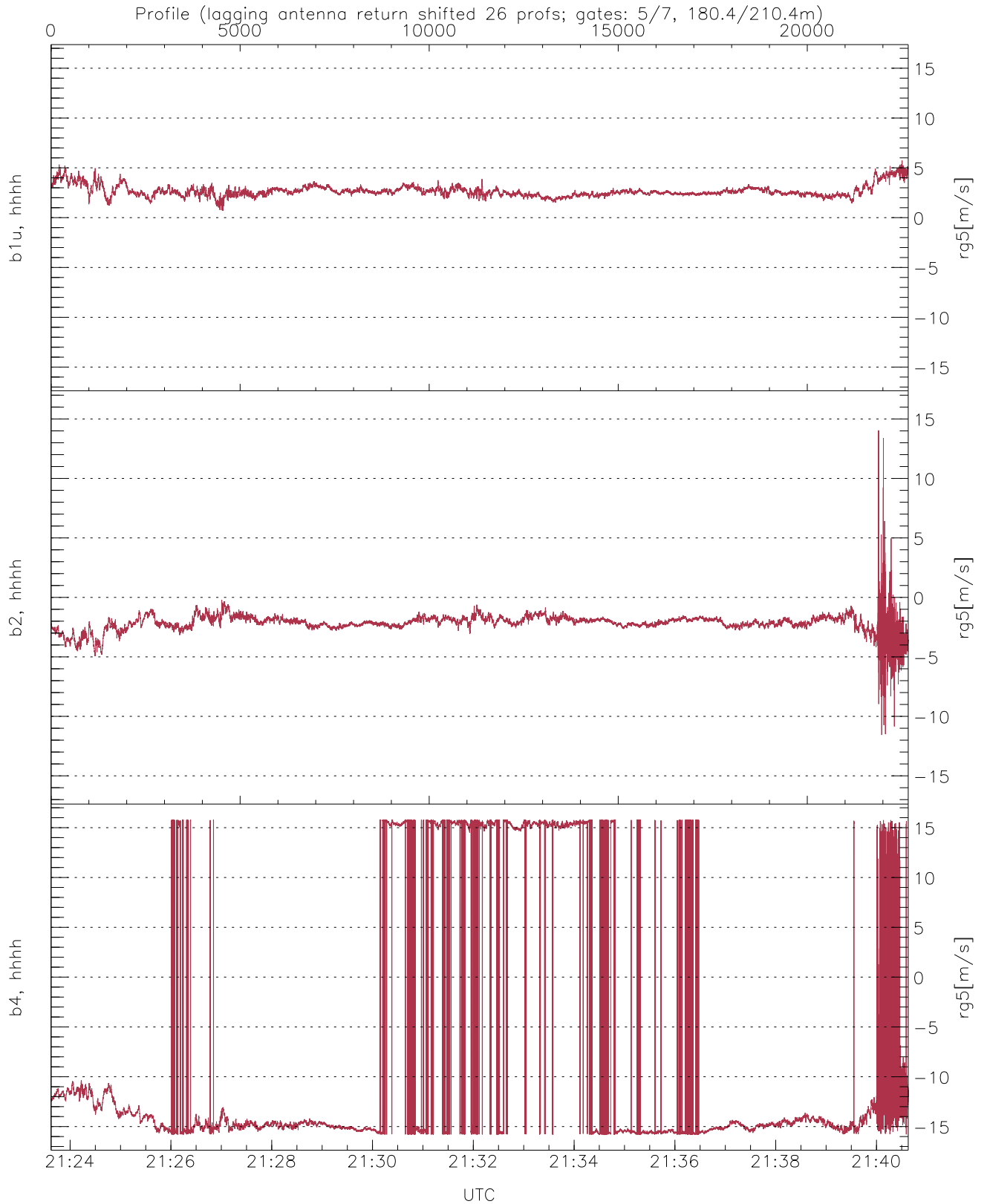
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-61.50	-6.05	-16.40
down(hh[dBm])	-65.44	-6.45	-15.62
down-fore(hh[dBm])	-65.54	-13.04	-20.58



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

	Min	Max	Mean
up/down (dB)	-16.72	35.24	-0.94
down/down-fore (dB)	-6.28	20.05	5.78



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	0.68	5.73	2.67	0.59
b2, hhhh(rg5[m/s])	-11.56	14.04	-2.16	0.71
b4, hhhh(rg5[m/s])	-15.79	15.79	-7.66	12.62