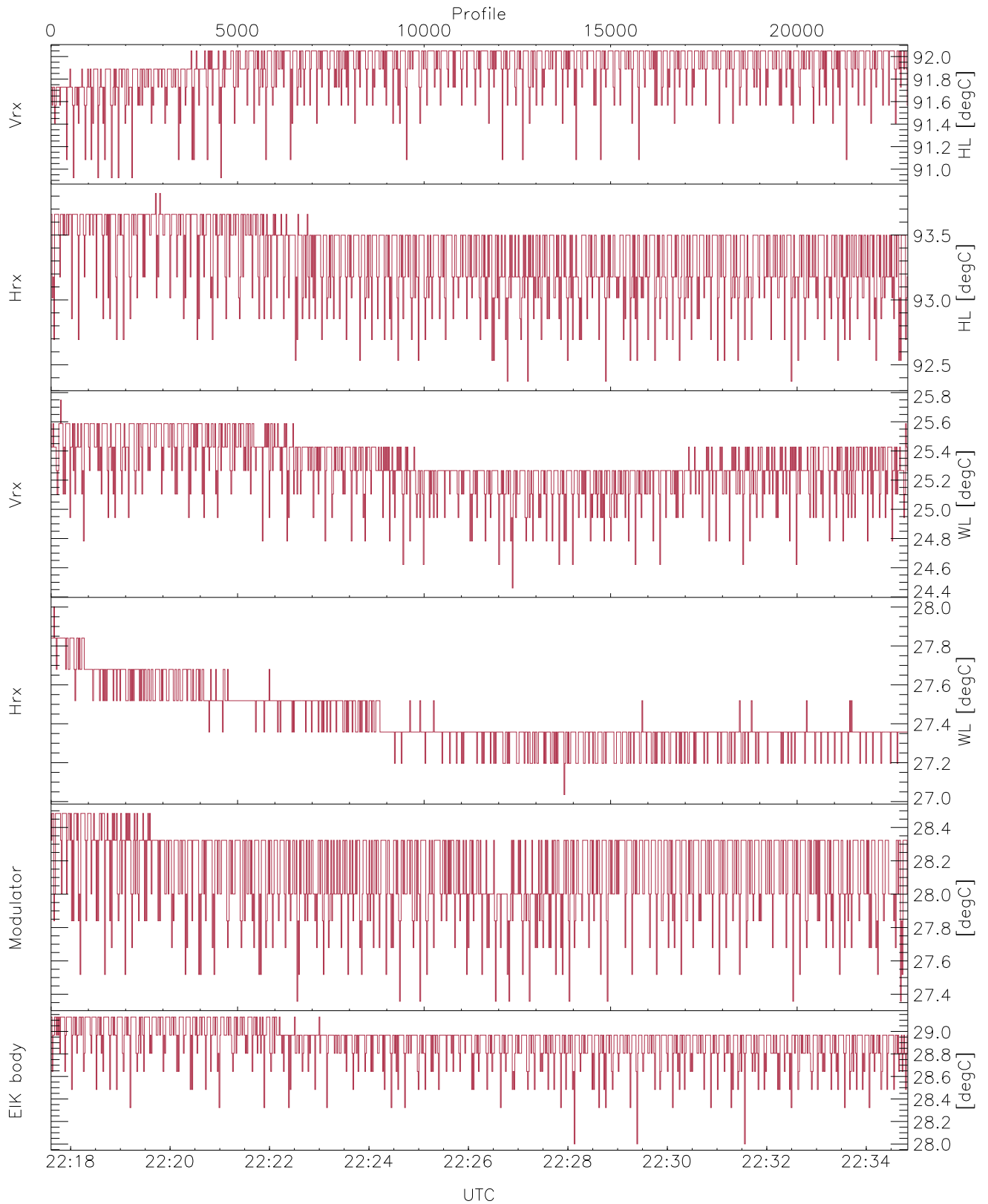


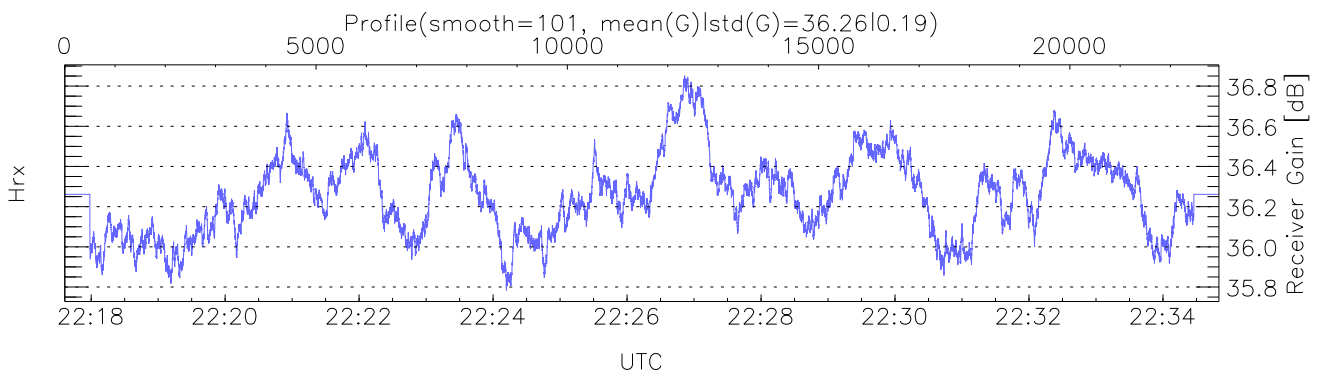
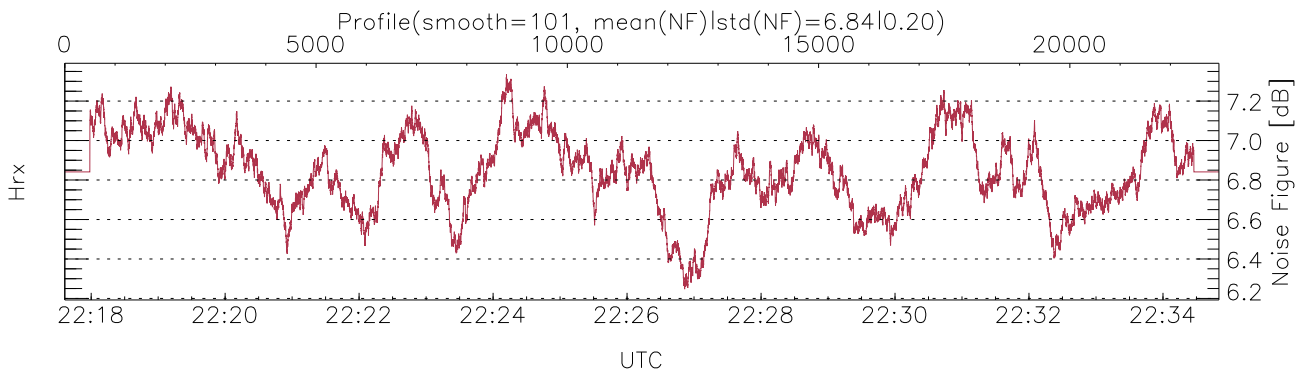
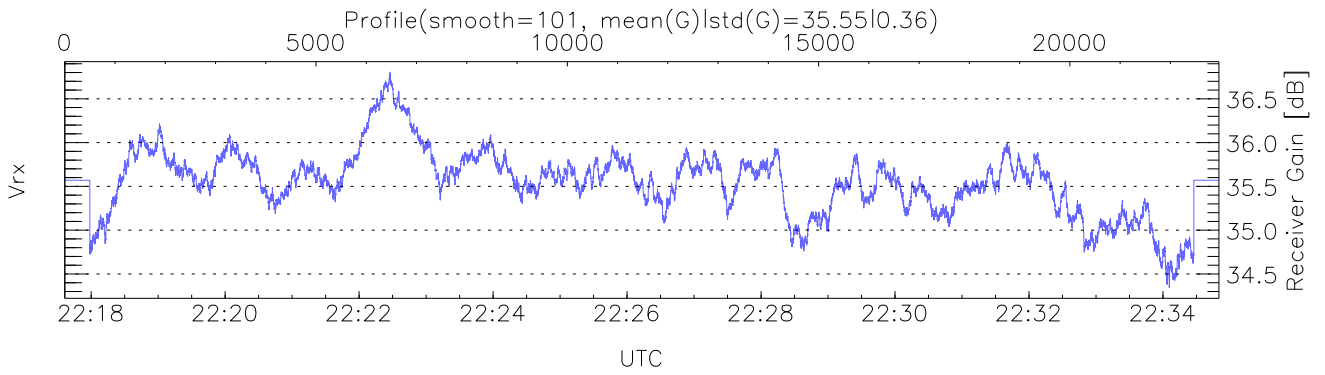
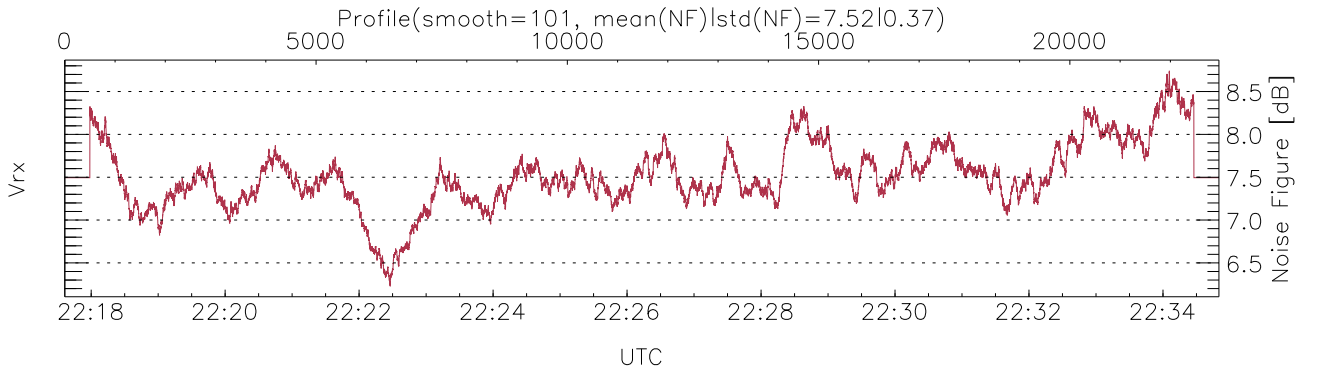
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 22:17:36-22:34:50, TimeCor: 0.00s, Dur: 1033.77s  
 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): 22968/22968, 0-22967/22:17:36-22:34:50  
 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



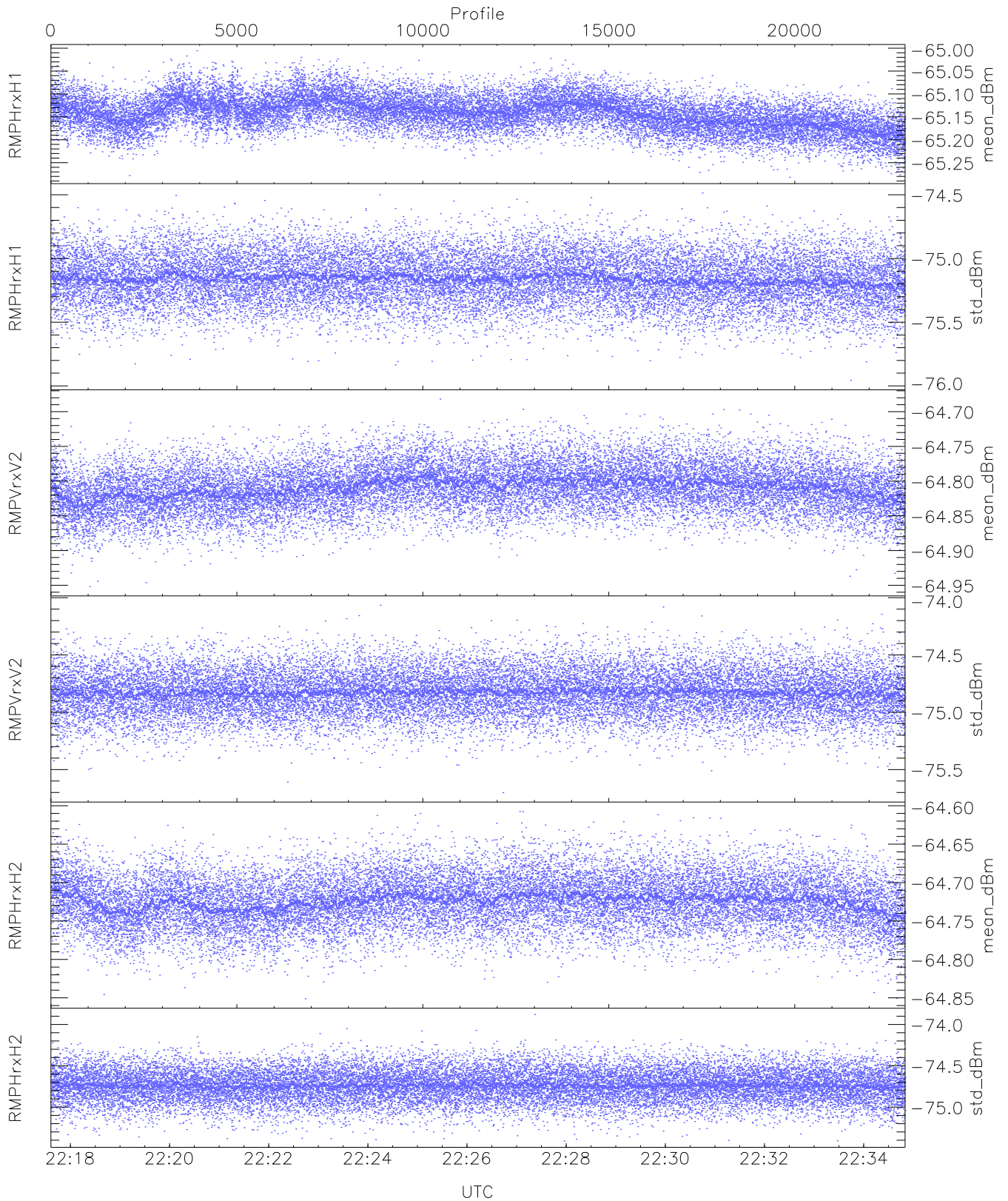
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,24,27,27,28  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,25,28,28,29  
LOalarm(20,240,2817,14861 MHz): 0,0,24,0  
EIK/Modulator Faults: None



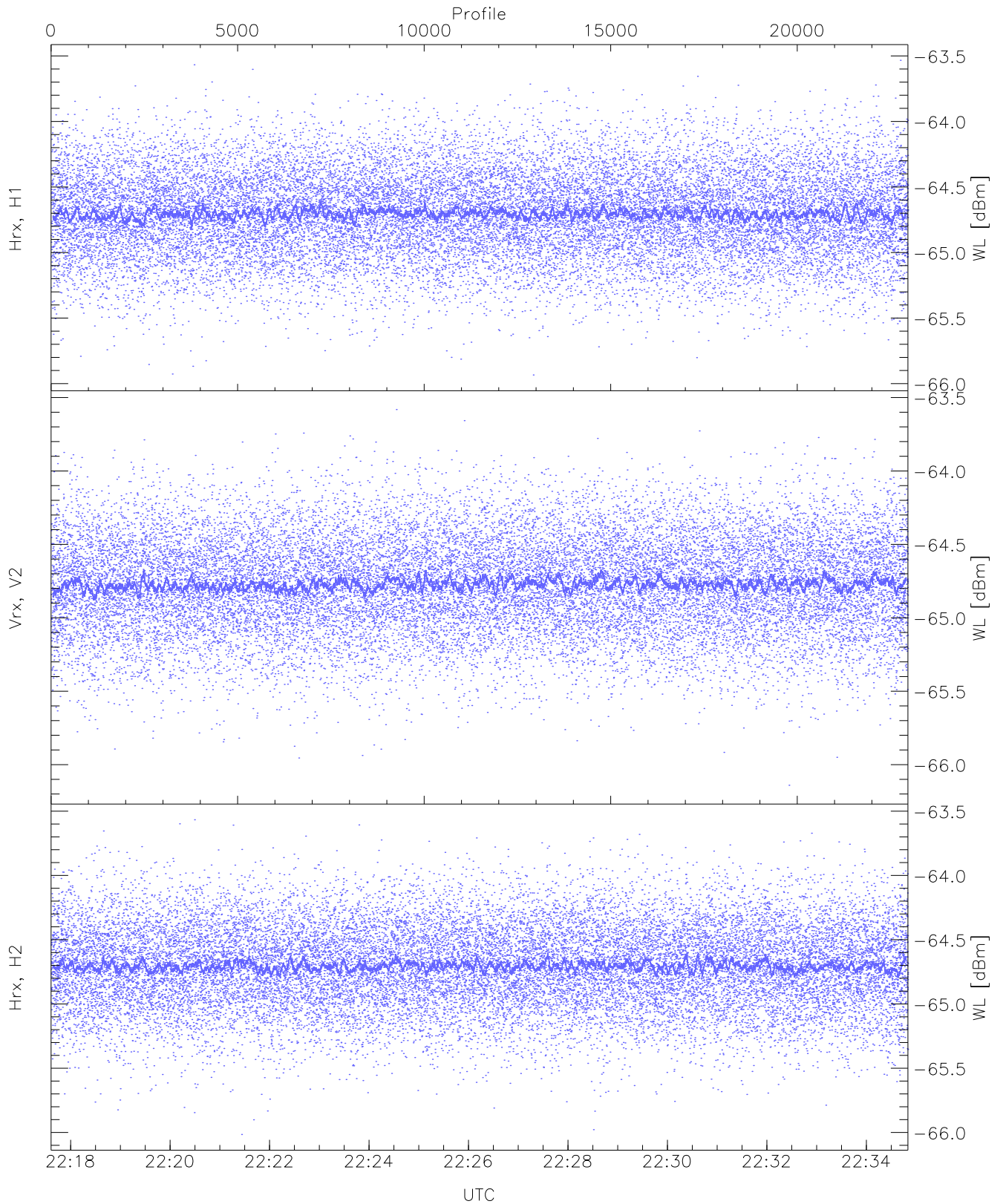
### WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 8 pixs, 4 gates, 5 profs, 1 prod(s)



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

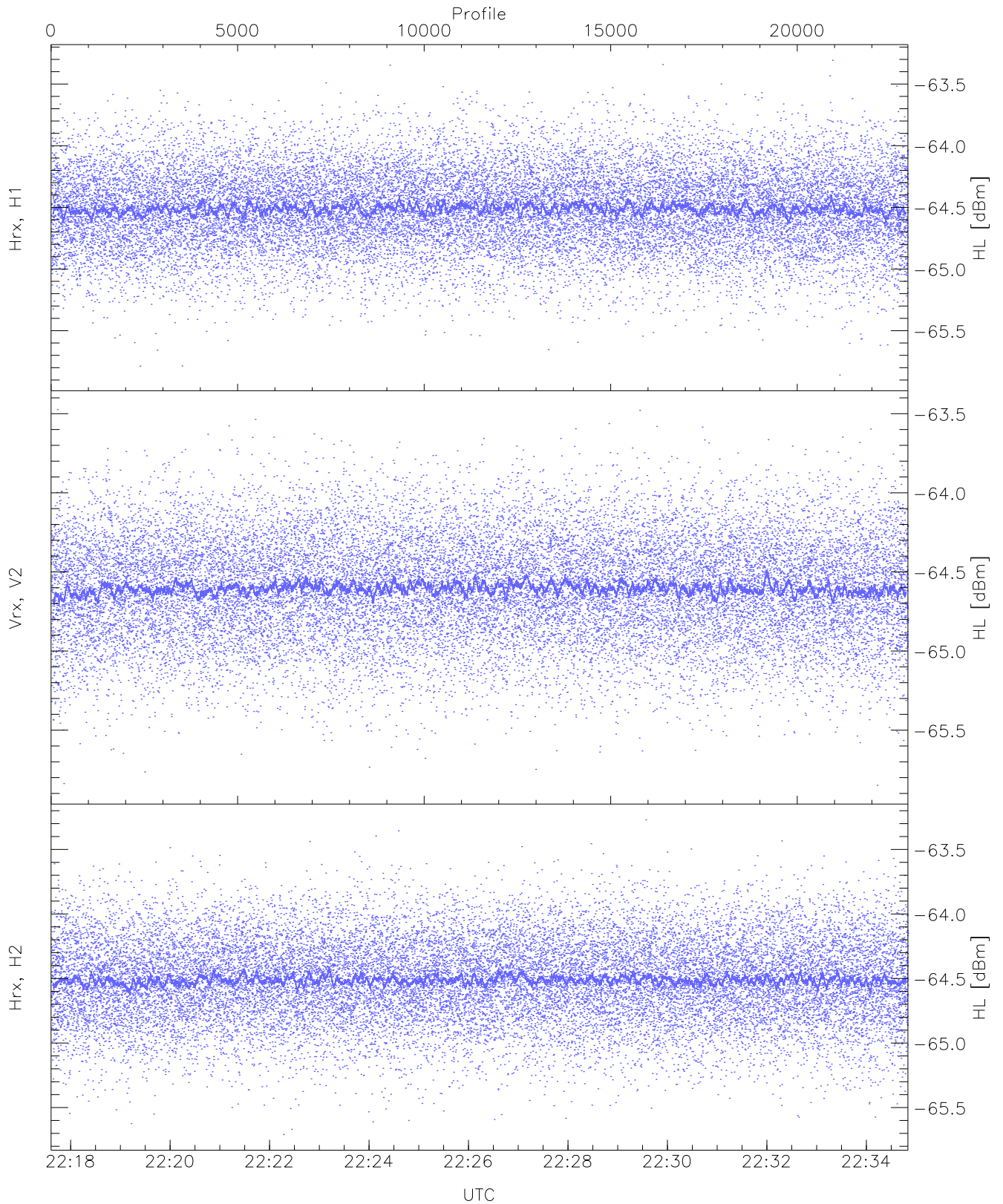
	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.28	-65.01	-65.14	-65.14	-85.92
RMPHrxH1 (std_dBm)	-75.96	-74.49	-75.16	-75.16	-88.91
RMPVrxV2 (mean_dBm)	-64.95	-64.68	-64.81	-64.81	-86.18
RMPVrxV2 (std_dBm)	-75.70	-74.07	-74.83	-74.83	-88.57
RMPHrxH2 (mean_dBm)	-64.85	-64.61	-64.72	-64.72	-86.16
RMPHrxH2 (std_dBm)	-75.41	-73.88	-74.74	-74.74	-88.55



WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

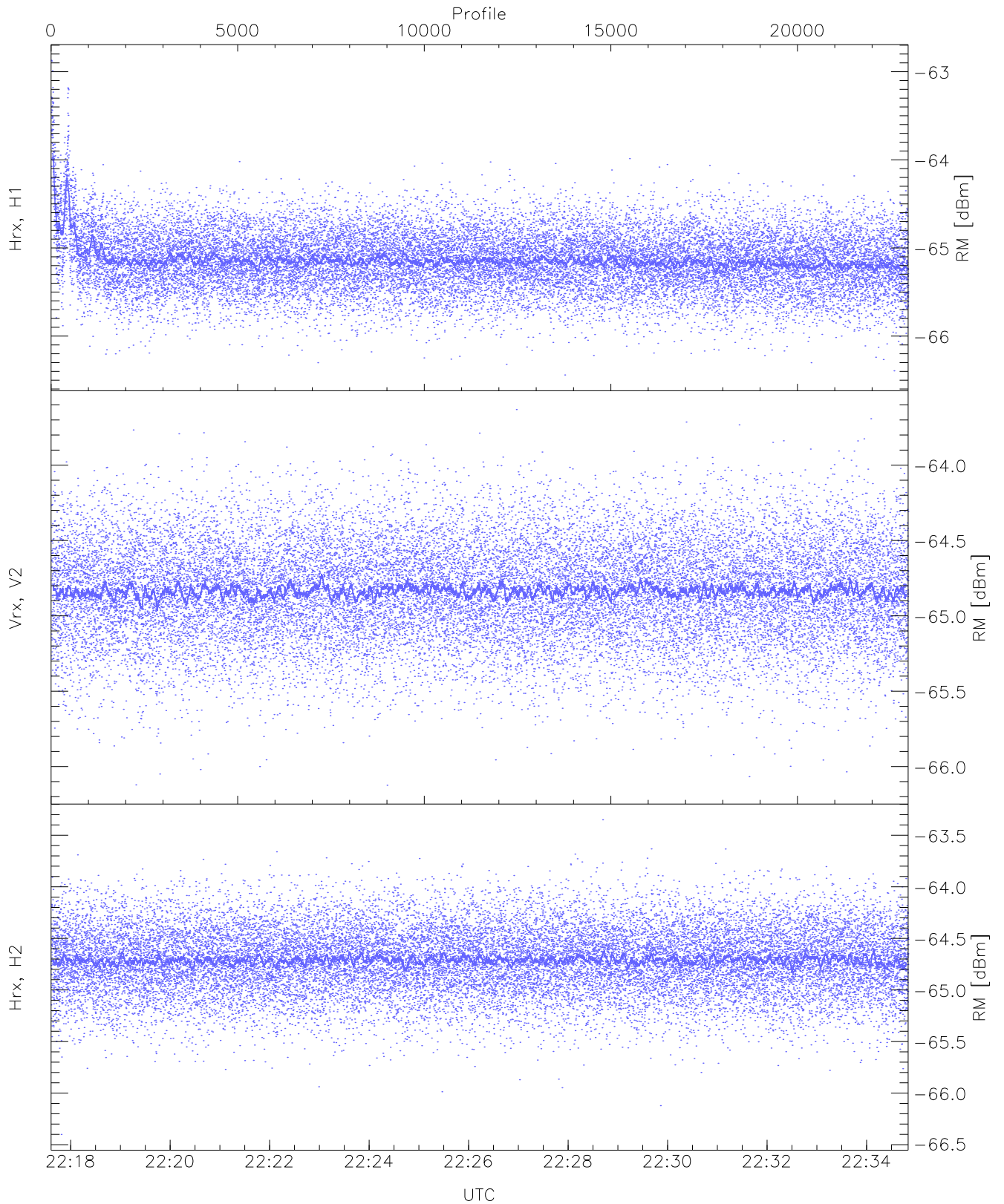
	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.93	-63.53	-64.70	-64.70	-76.17
Vrx, V2 (WL [dBm])	-66.14	-63.58	-64.76	-64.77	-76.25
Hrx, H2 (WL [dBm])	-66.02	-63.57	-64.70	-64.71	-76.18





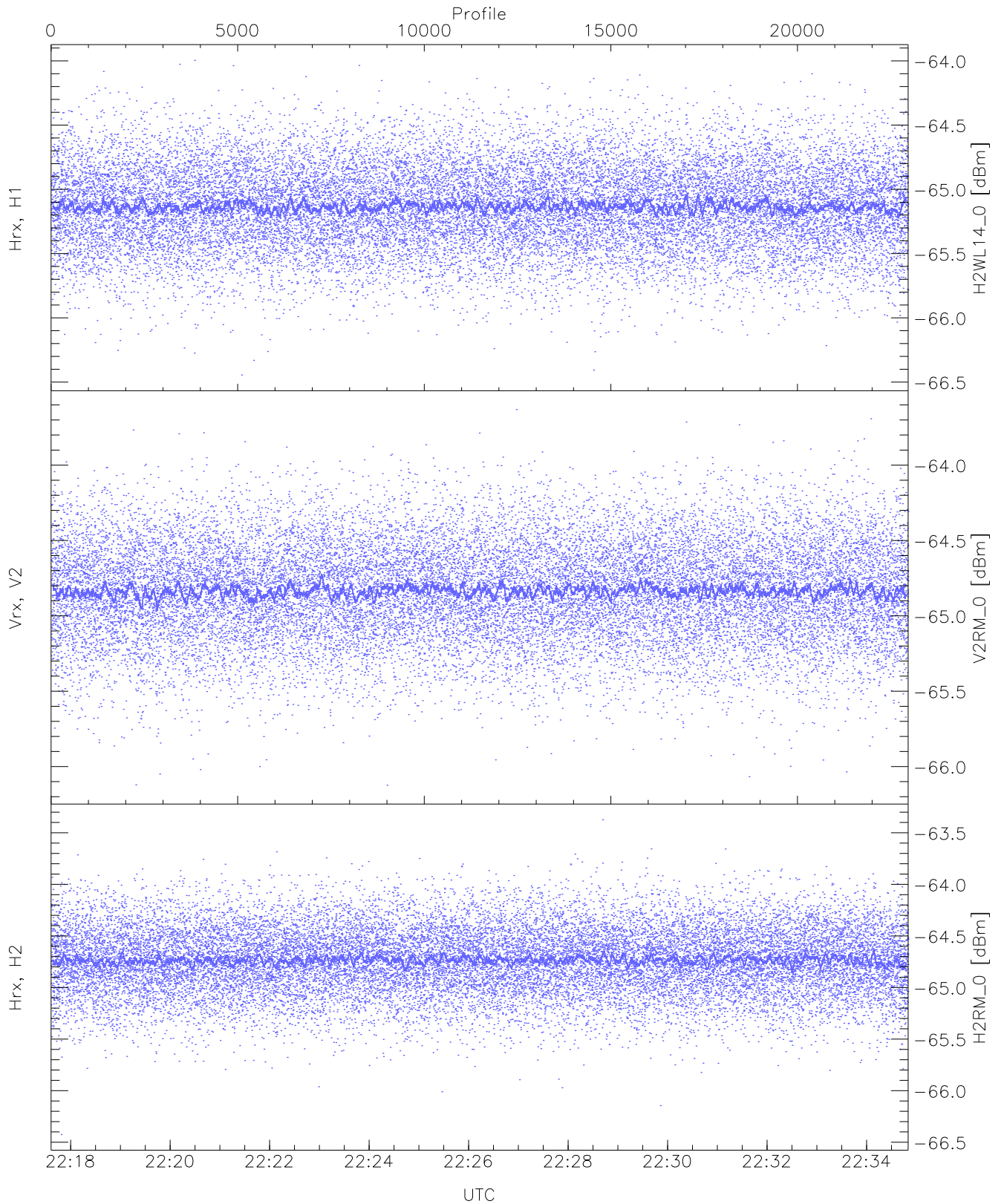
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.86	-63.31	-64.51	-64.51	-76.02
Vrx, V2 (HL [dBm])	-65.85	-63.47	-64.60	-64.60	-76.09
Hrx, H2 (HL [dBm])	-65.71	-63.27	-64.50	-64.51	-75.99



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

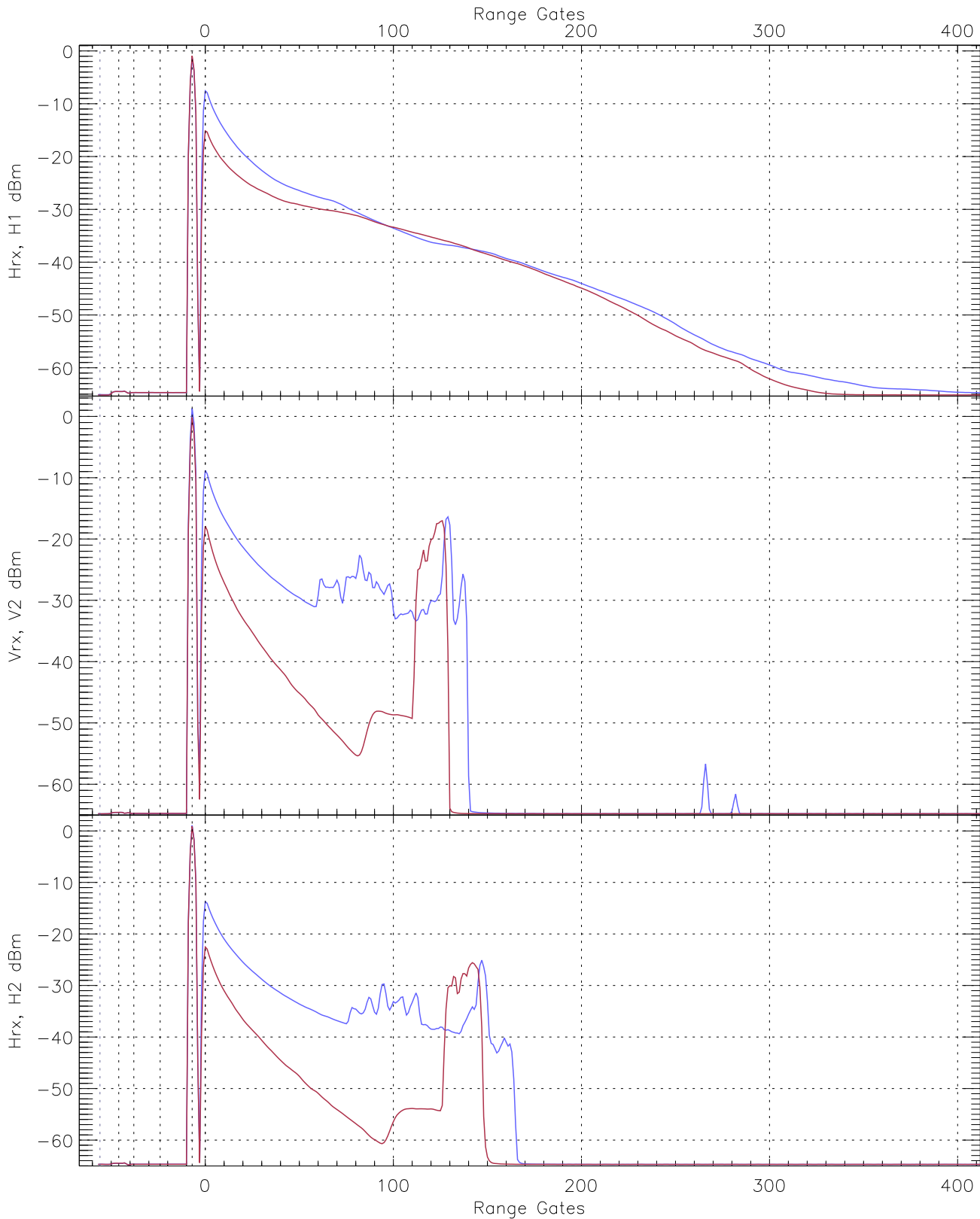
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.44	-62.87	-65.13	-65.15	-76.18
Vrx, V2 (RM [dBm])	-66.12	-63.63	-64.83	-64.83	-76.34
Hrx, H2 (RM [dBm])	-66.40	-63.35	-64.70	-64.71	-76.21



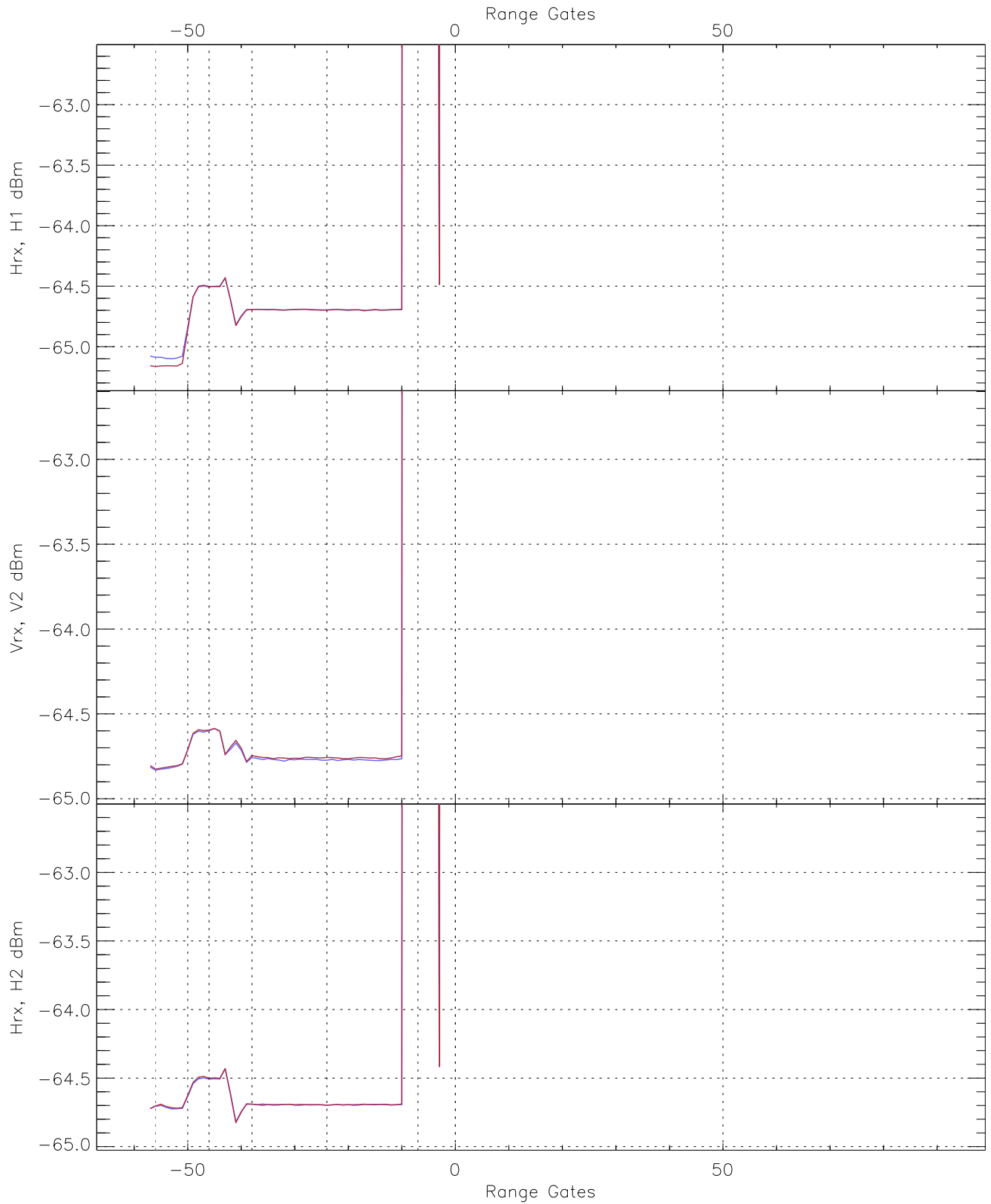
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H2WL14_0 [dBm]	-66.44	-64.00	-65.13	-65.14	-76.61
V2RM_0 [dBm]	-66.12	-63.63	-64.83	-64.83	-76.34
H2RM_0 [dBm]	-66.42	-63.37	-64.73	-64.73	-76.24

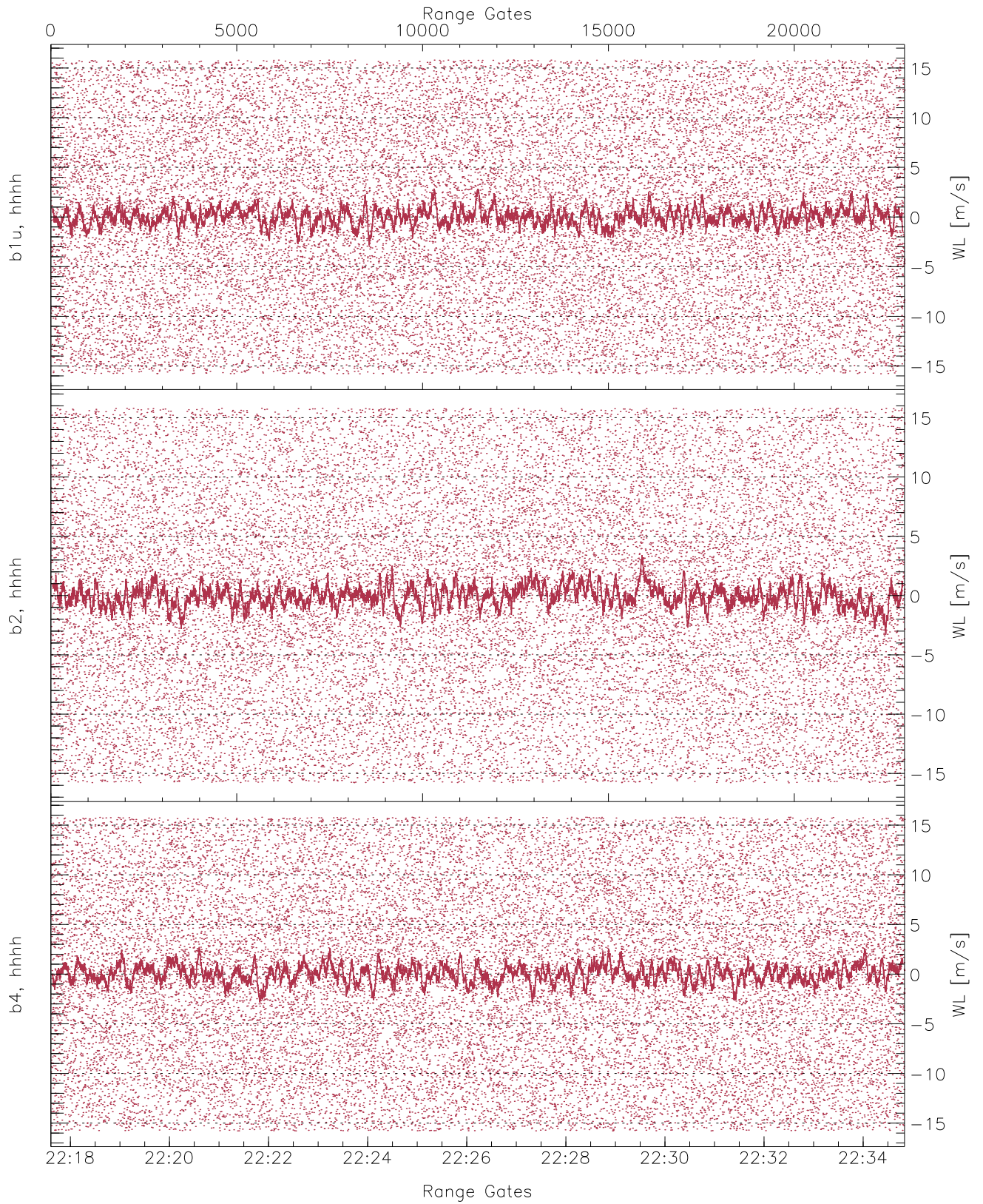




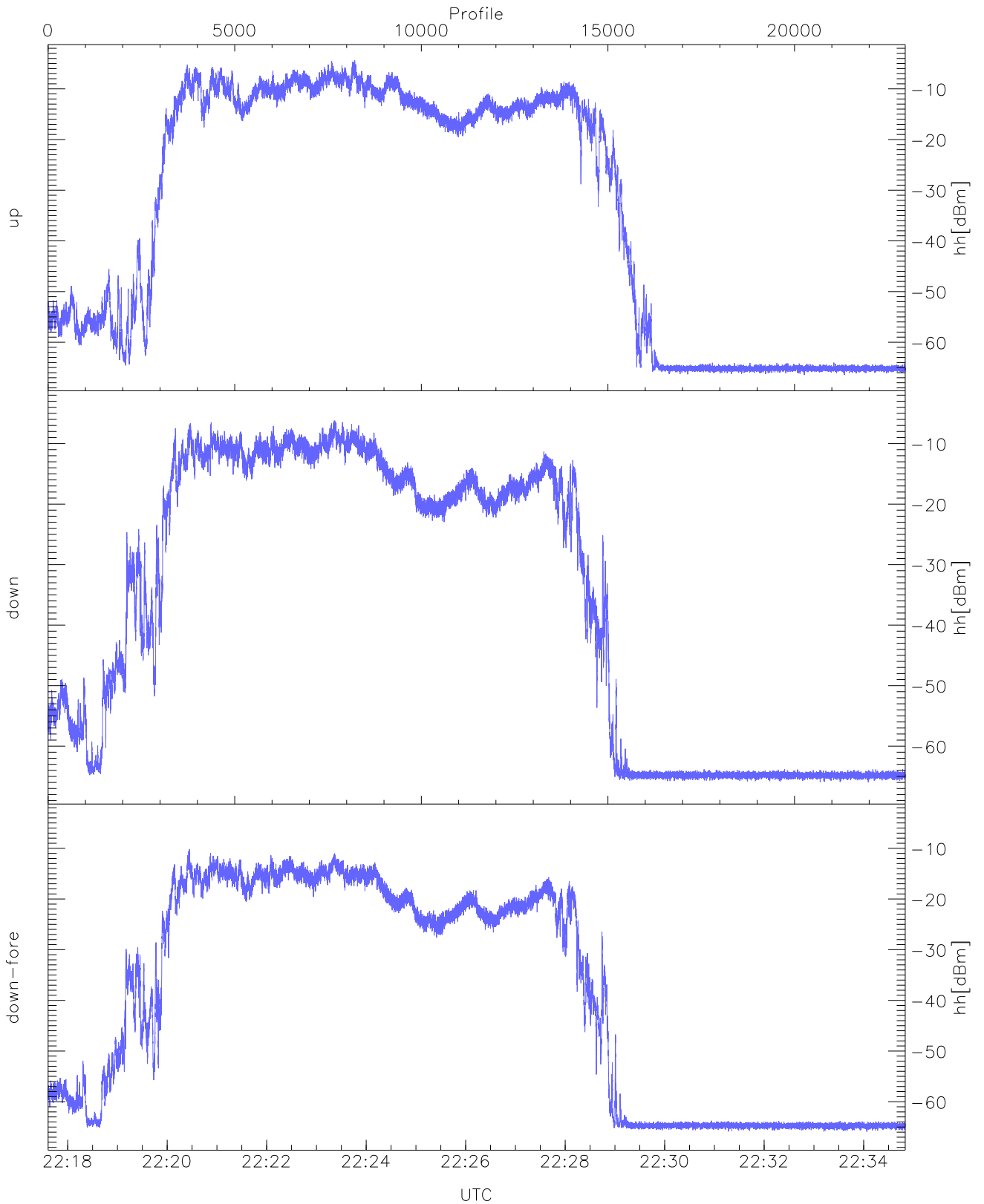
WCR3 CPP Averaged Received power for all recorded gates  
blue: 221736-222613, 11485 profiles averaged  
red: 222613-223450, 11484 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 221736-222613, 11485 profiles averaged  
red: 222613-223450, 11484 profiles averaged



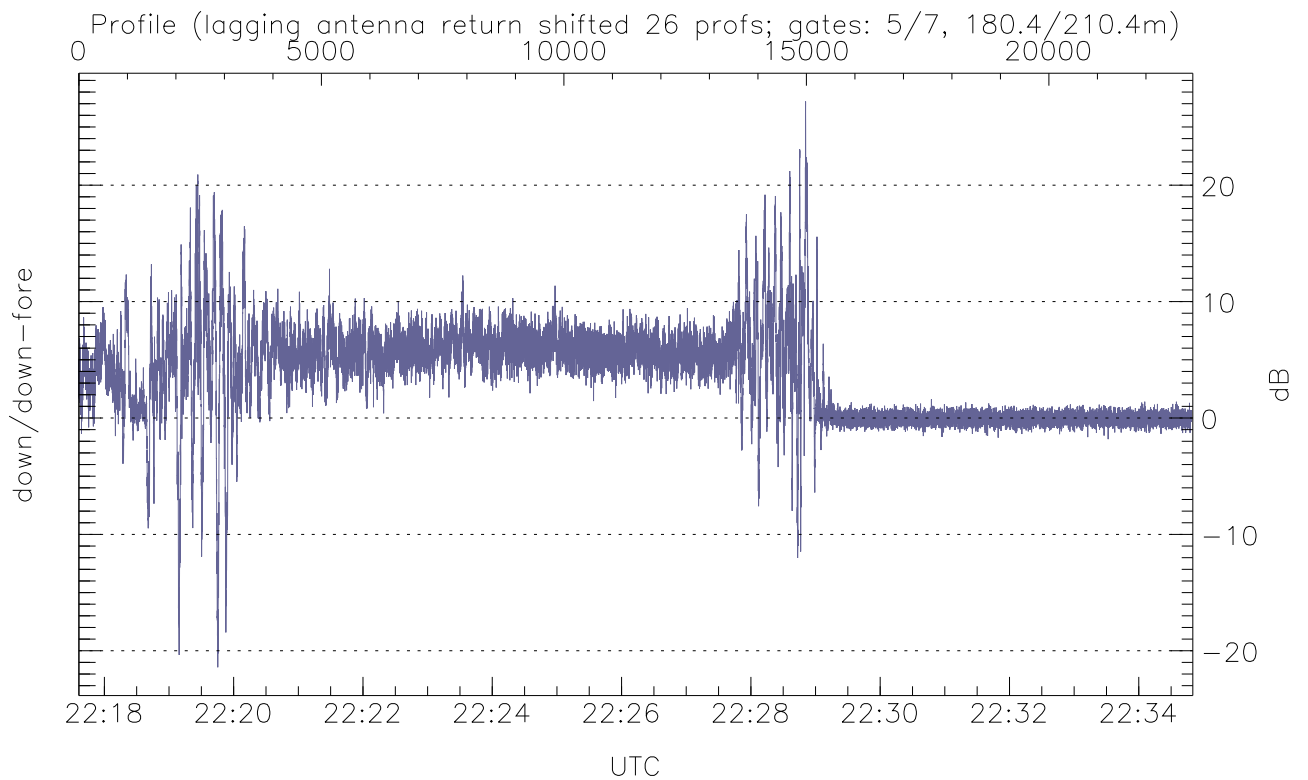
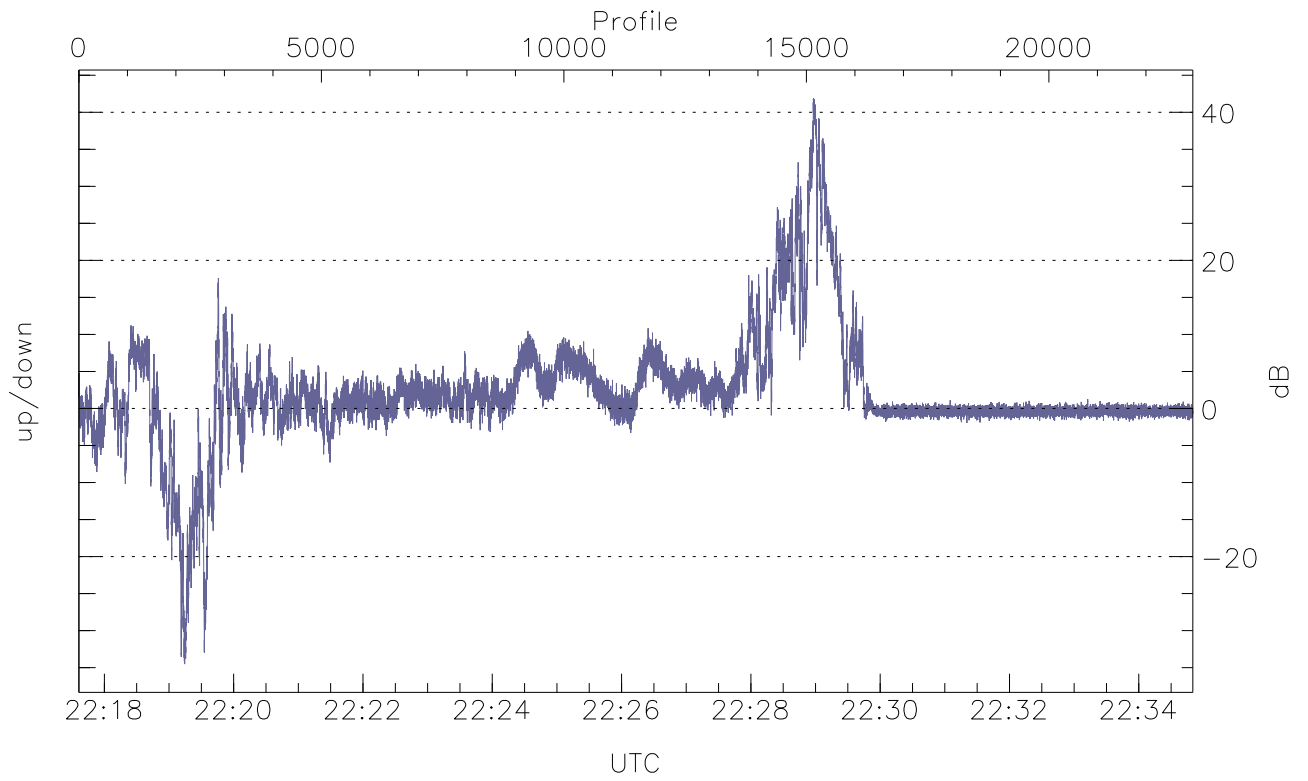
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

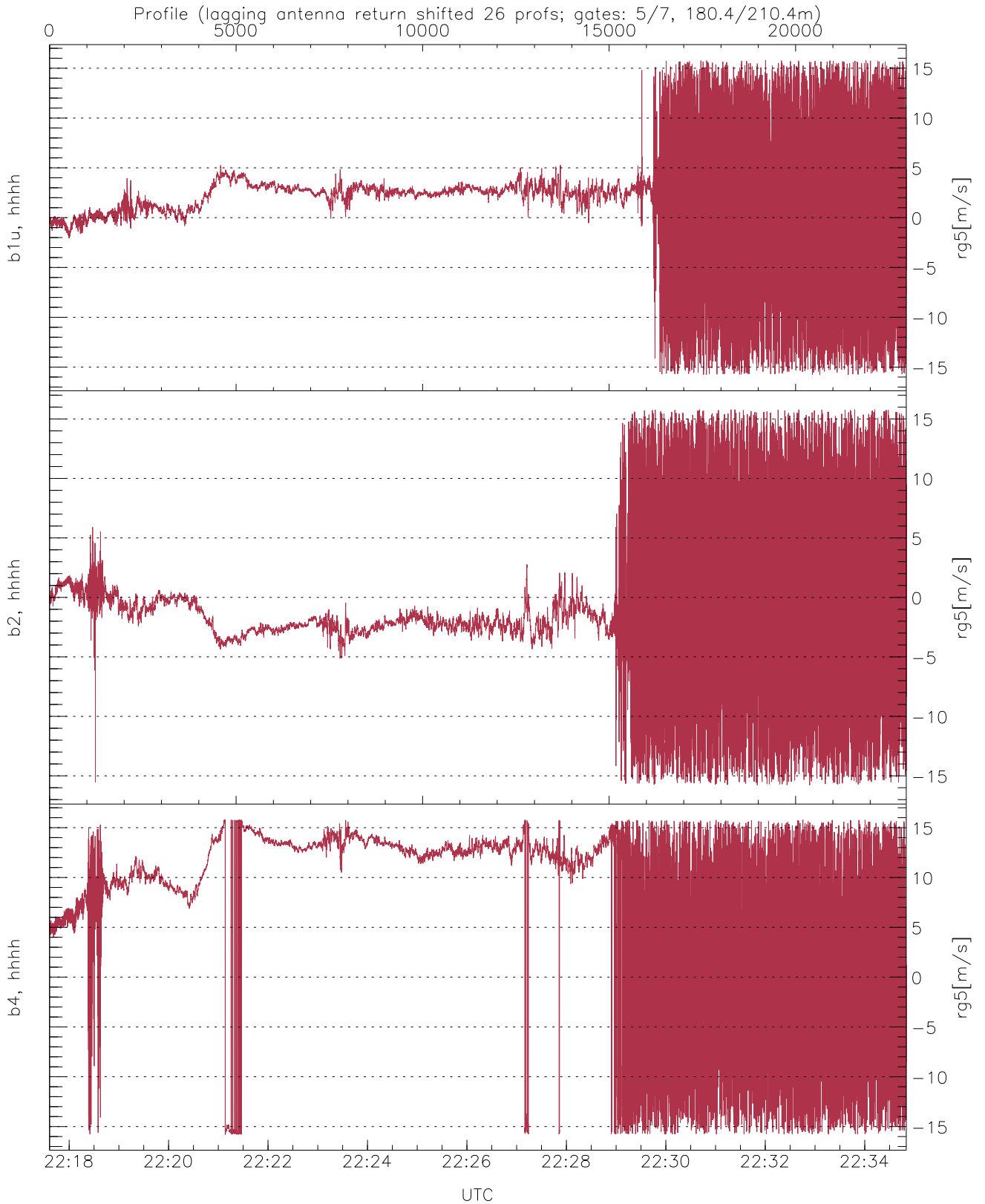
	Min	Max	Mean
up(hh[dBm])	-66.46	-4.37	-13.79
down(hh[dBm])	-65.99	-6.20	-15.85
down-fore(hh[dBm])	-65.92	-10.14	-20.23





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

	Min	Max	Mean
up/down (dB)	-34.52	41.89	2.19
down/down-fore (dB)	-21.42	27.19	3.58



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	1.54	4.84
b2, hhhh(rg5[m/s])	-15.78	15.79	-1.17	4.99
b4, hhhh(rg5[m/s])	-15.79	15.79	7.34	8.46