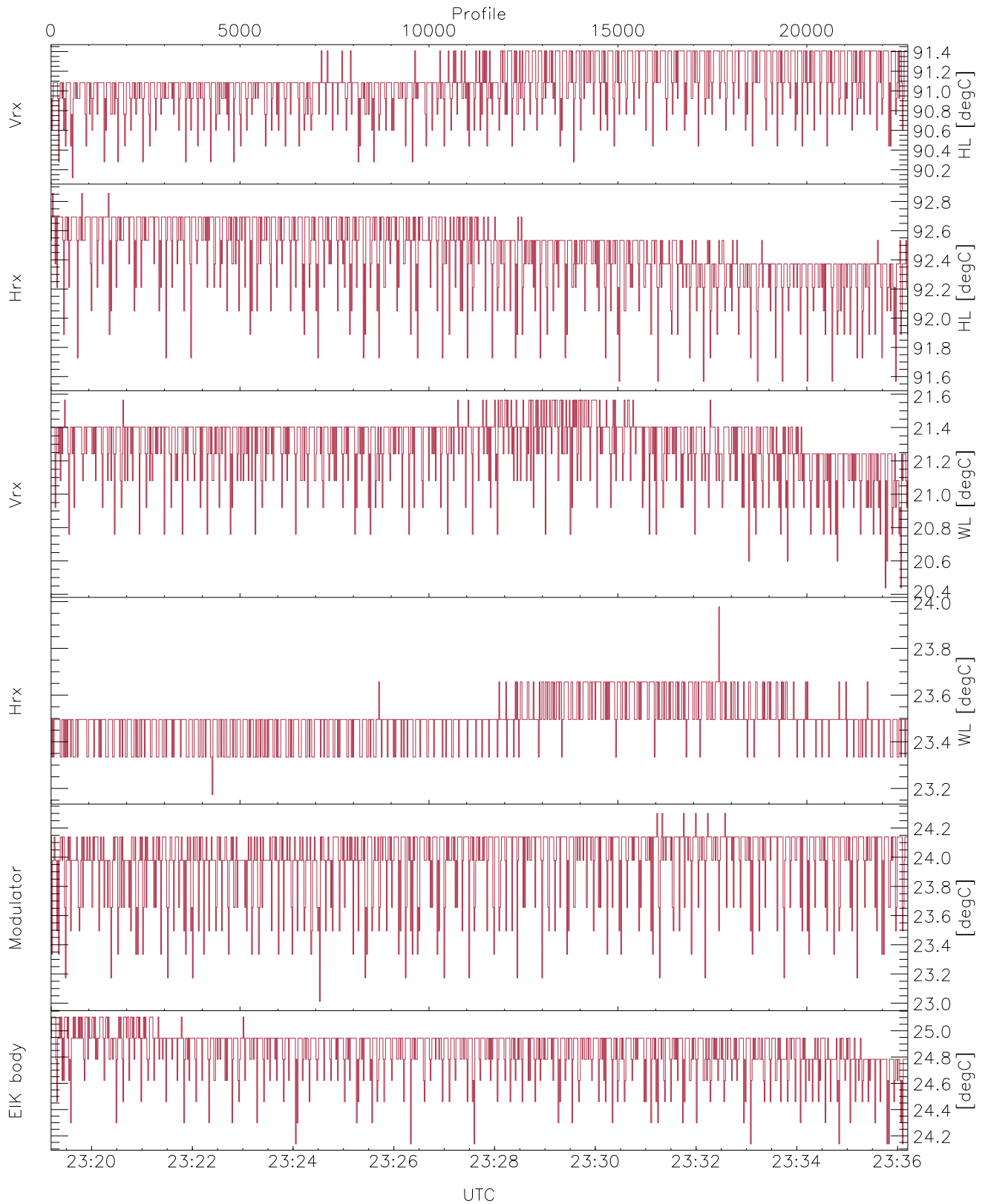


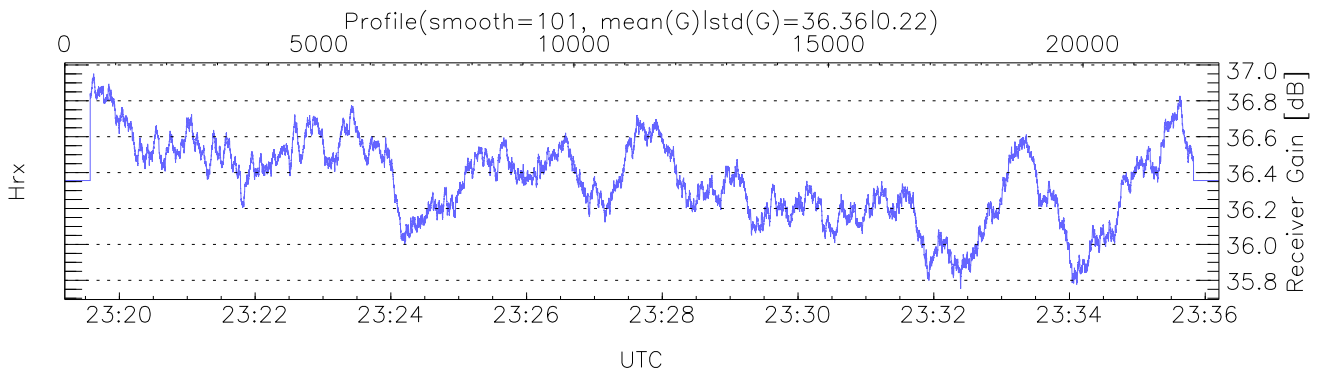
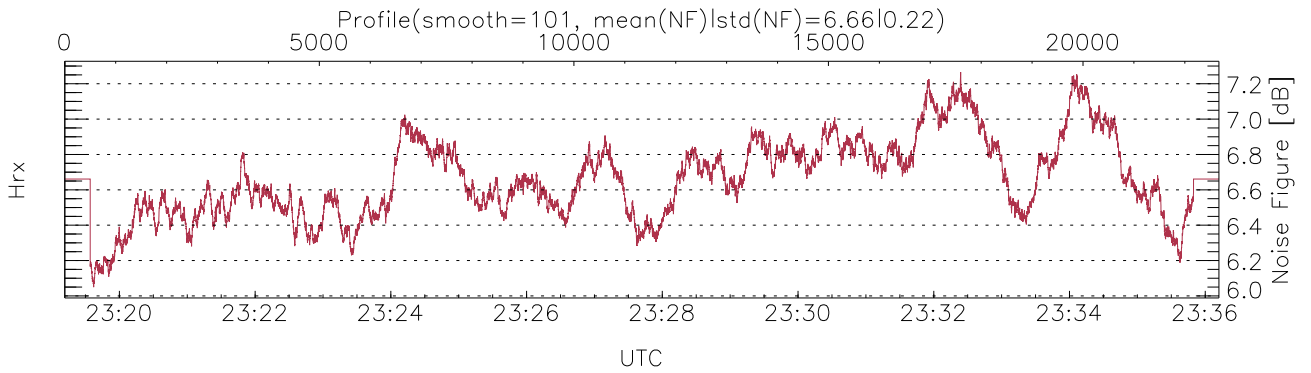
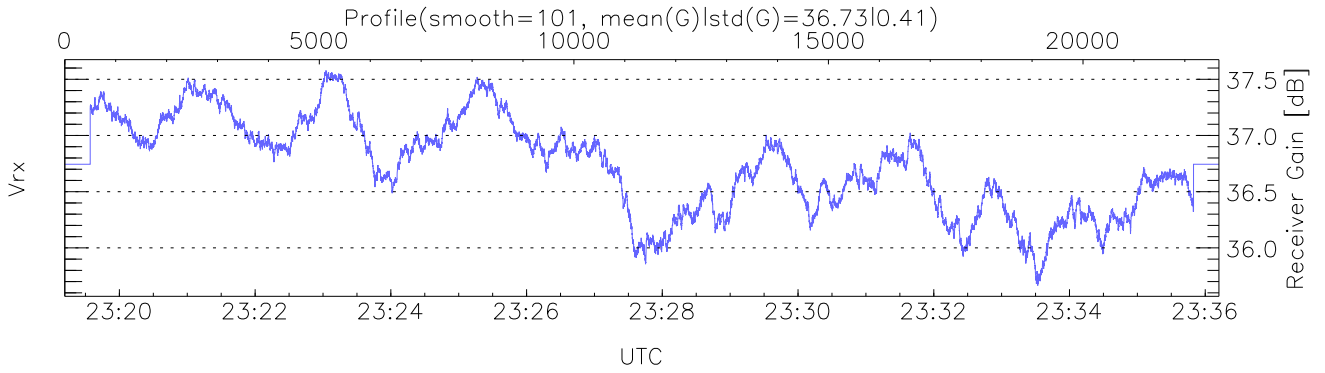
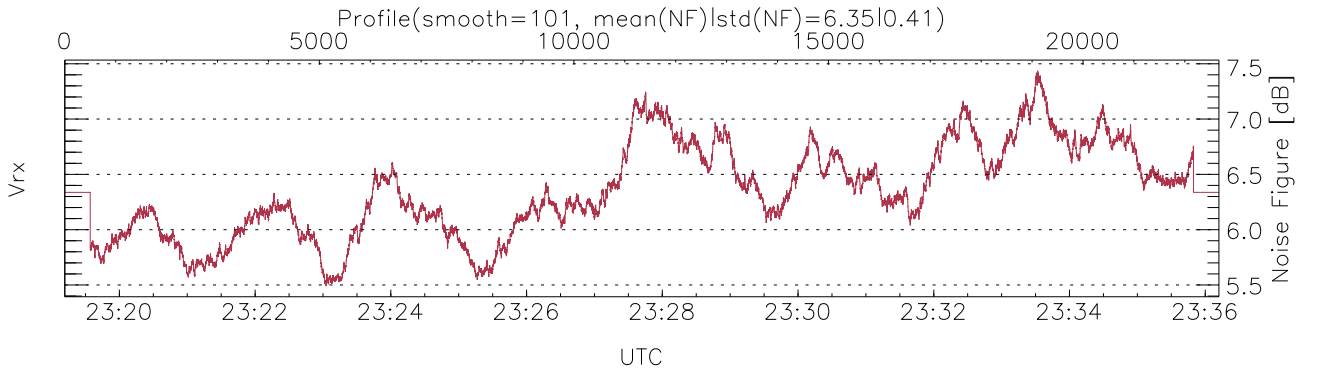
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 23:19:12-23:36:12, 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, 0-22671/23:19:12-23:36:12  
 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



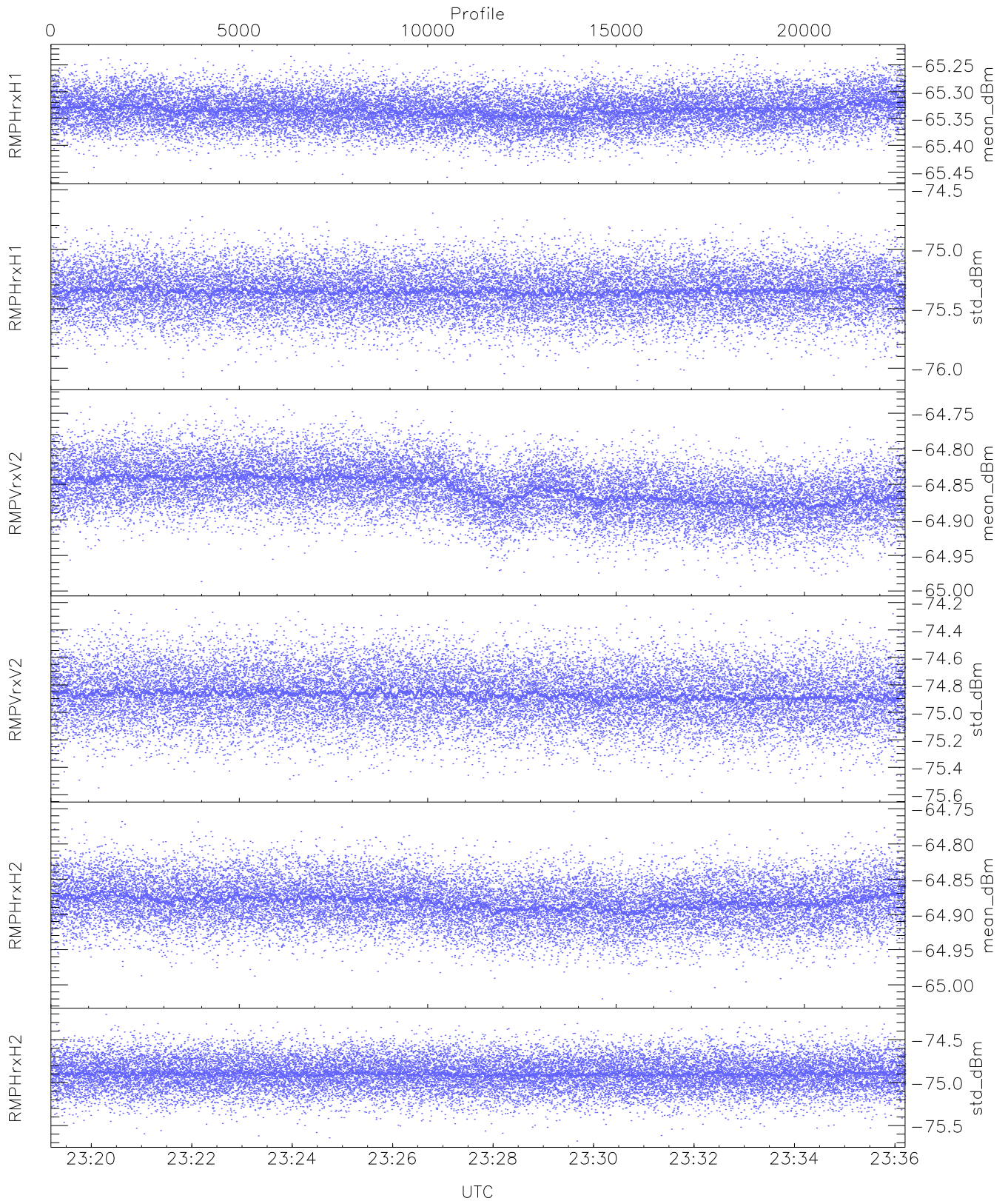
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,20,23,23,24  
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,21,23,24,25  
 LOalarm(20,240,2817,14861 MHz): 0,0,22,0  
 EIK/Modulator Faults: None



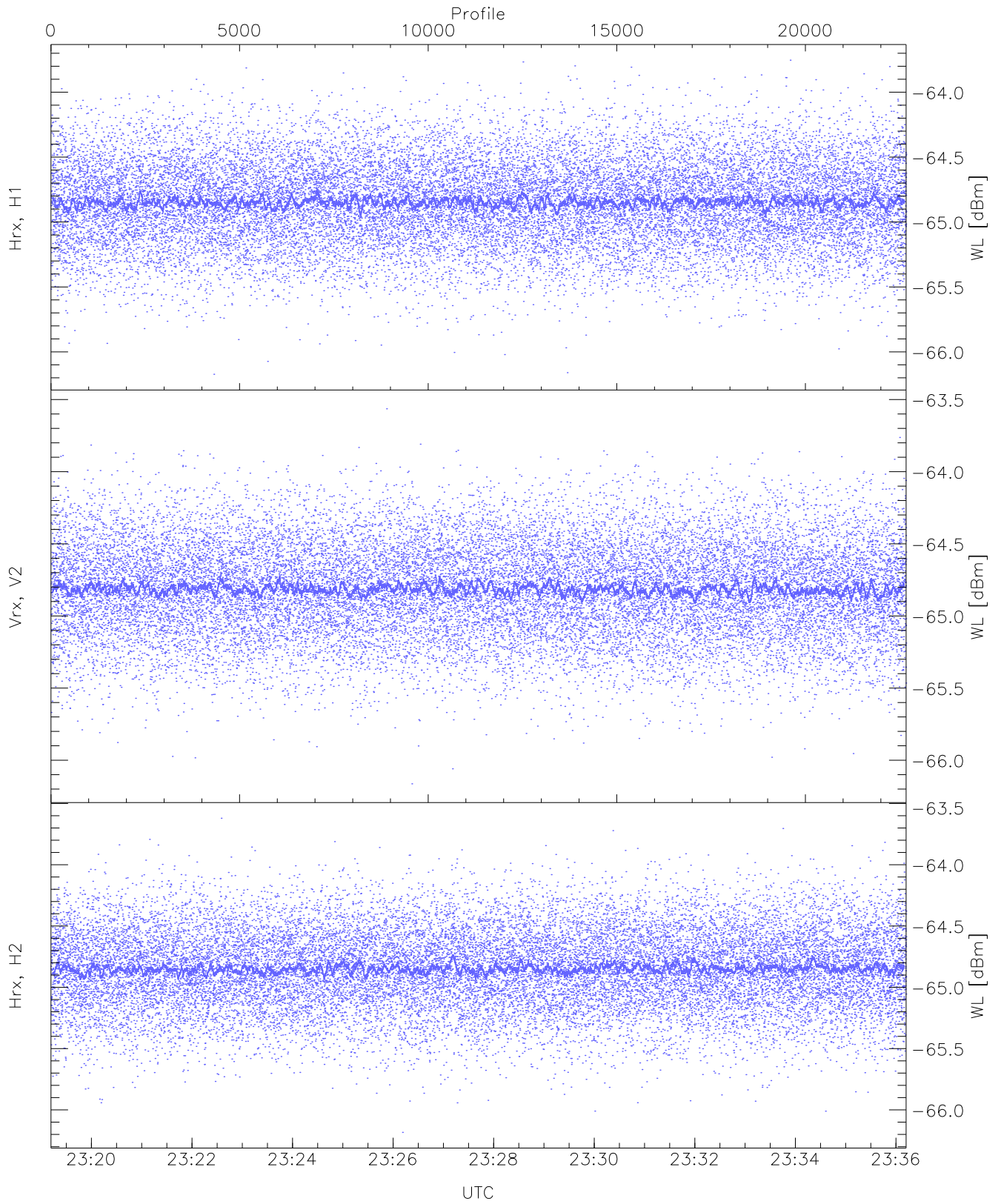
### WCR3 CPP Receivers Gain and Noise Figure

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



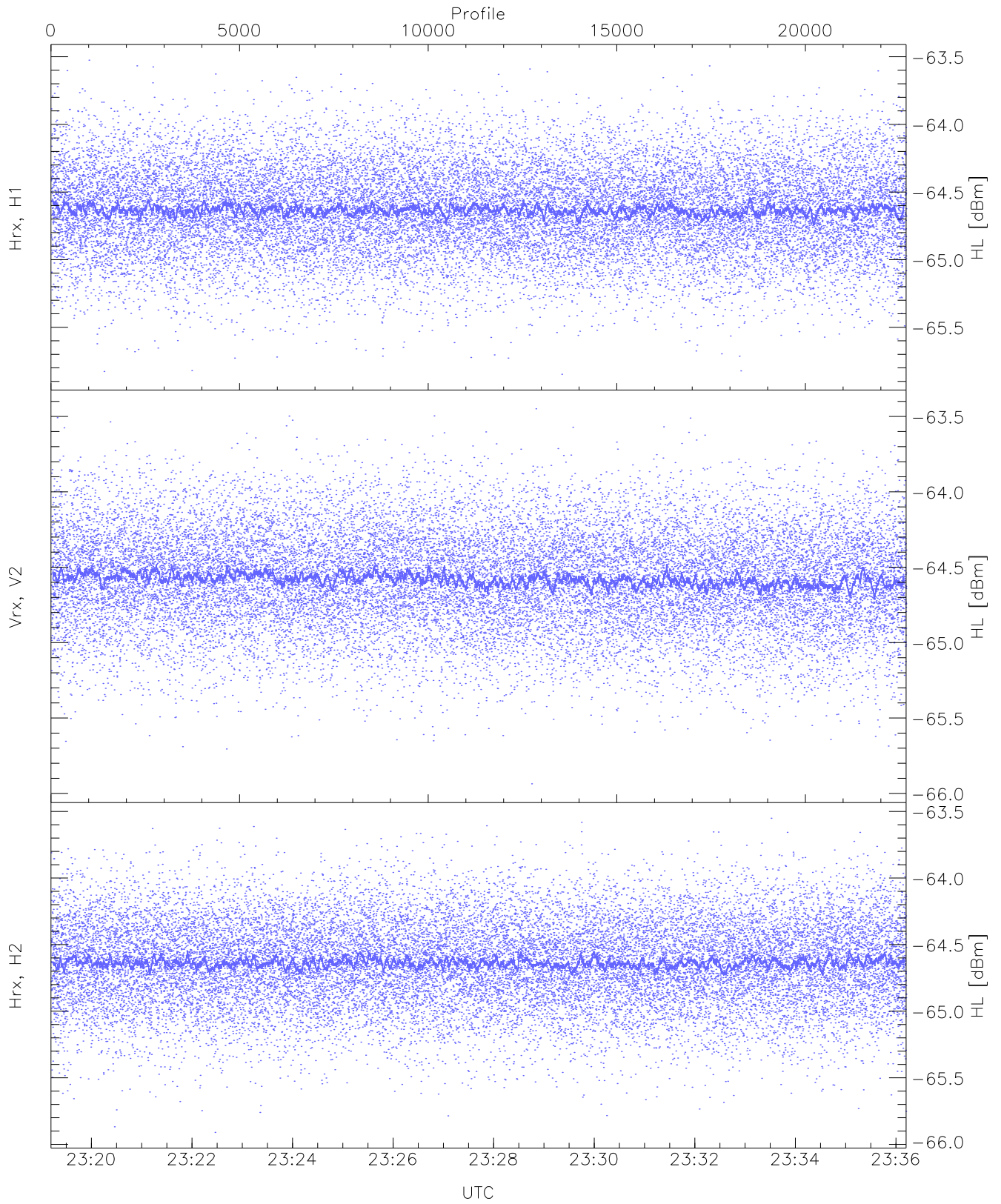
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.46	-65.22	-65.33	-65.33	-86.90
RMPHrxH1 (std_dBm)	-76.10	-74.53	-75.35	-75.35	-89.16
RMPVrxV2 (mean_dBm)	-64.99	-64.73	-64.86	-64.86	-85.94
RMPVrxV2 (std_dBm)	-75.58	-74.22	-74.87	-74.87	-88.62
RMPHrxH2 (mean_dBm)	-65.02	-64.75	-64.88	-64.88	-86.41
RMPHrxH2 (std_dBm)	-75.68	-74.21	-74.90	-74.90	-88.68



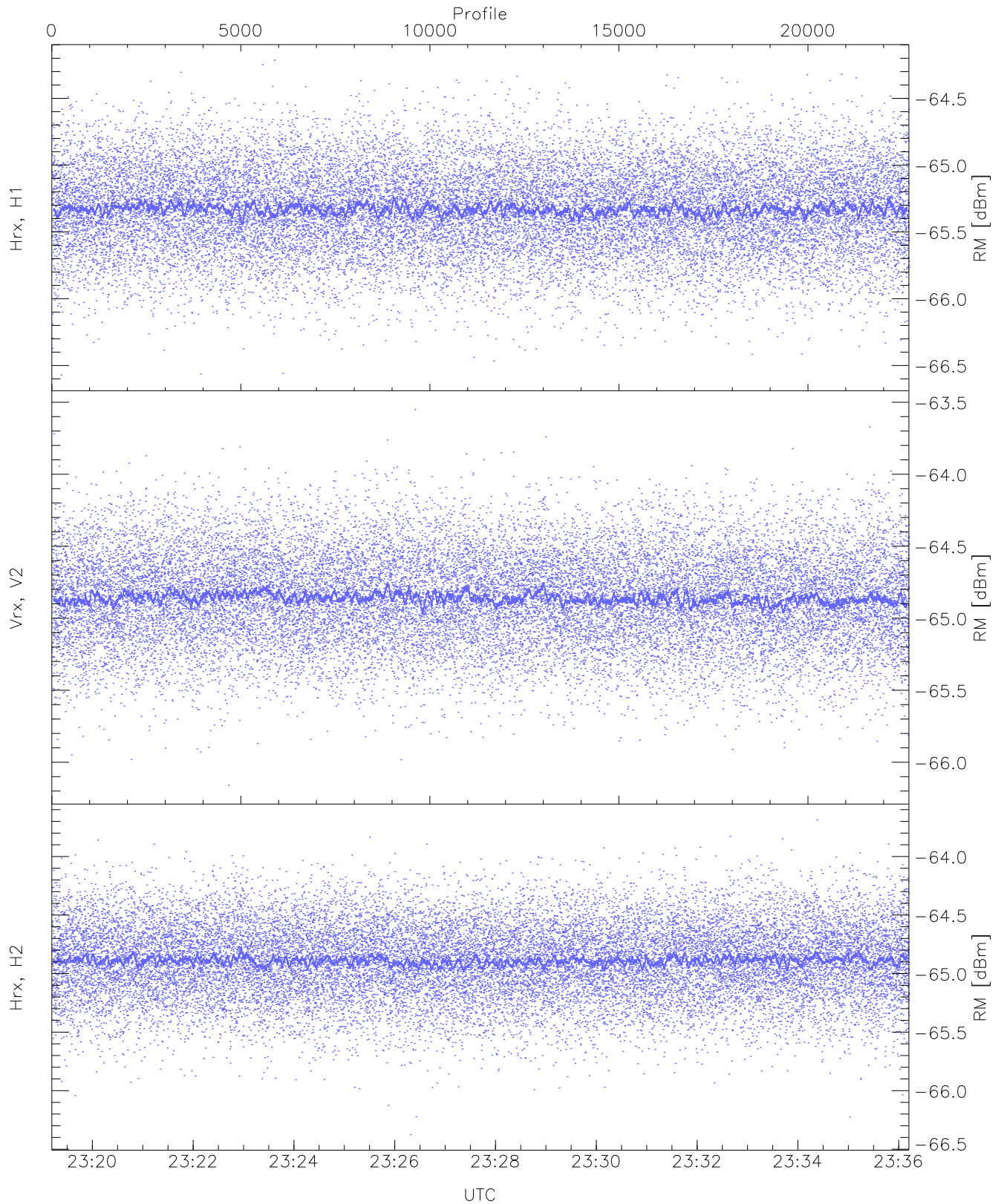
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.17	-63.75	-64.84	-64.85	-76.35
Vrx, V2 (WL [dBm])	-66.16	-63.56	-64.81	-64.82	-76.29
Hrx, H2 (WL [dBm])	-66.18	-63.62	-64.84	-64.85	-76.34



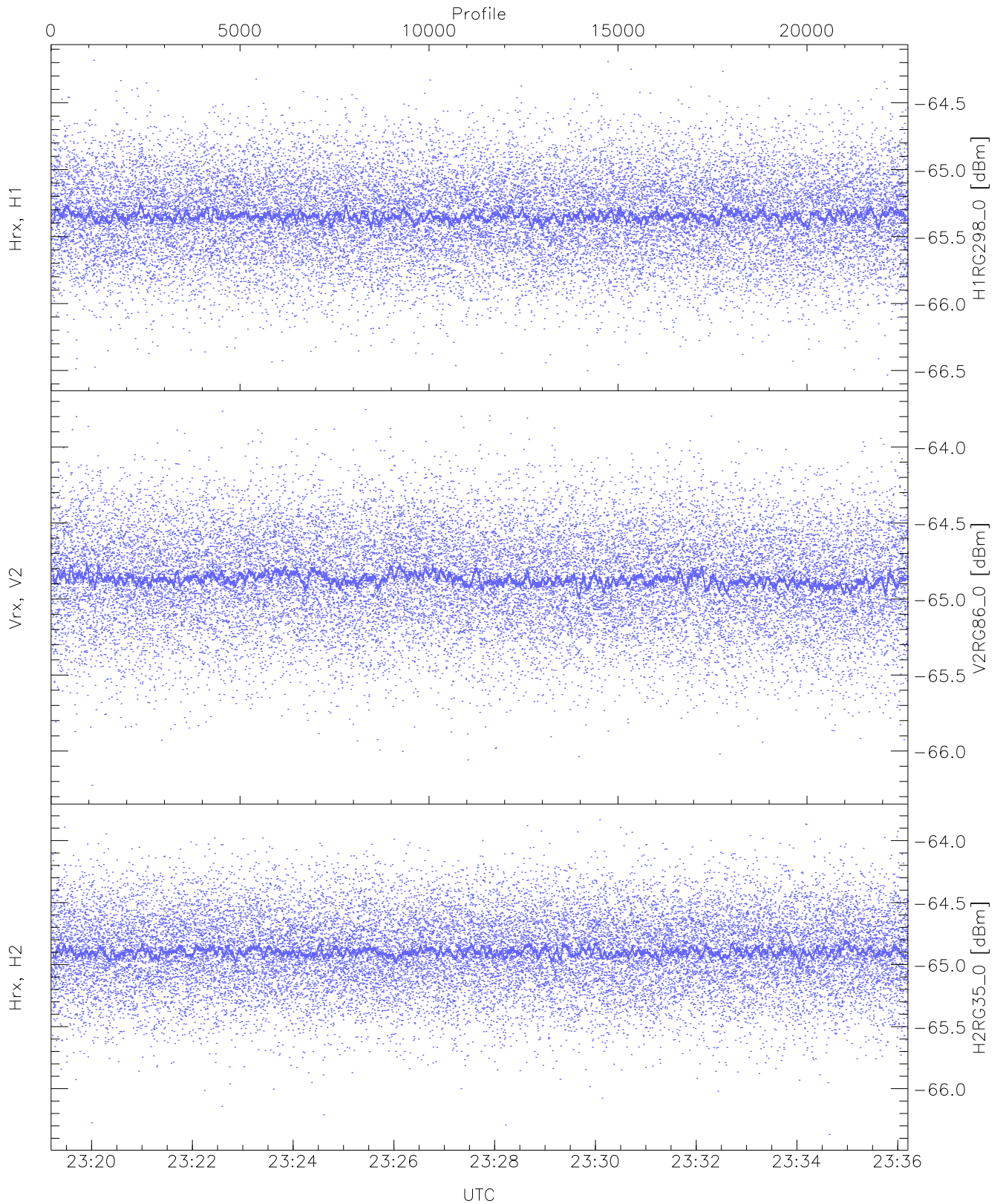
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.85	-63.53	-64.63	-64.64	-76.16
Vrx, V2 (HL [dBm])	-65.94	-63.45	-64.57	-64.58	-76.06
Hrx, H2 (HL [dBm])	-65.91	-63.55	-64.63	-64.64	-76.13



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

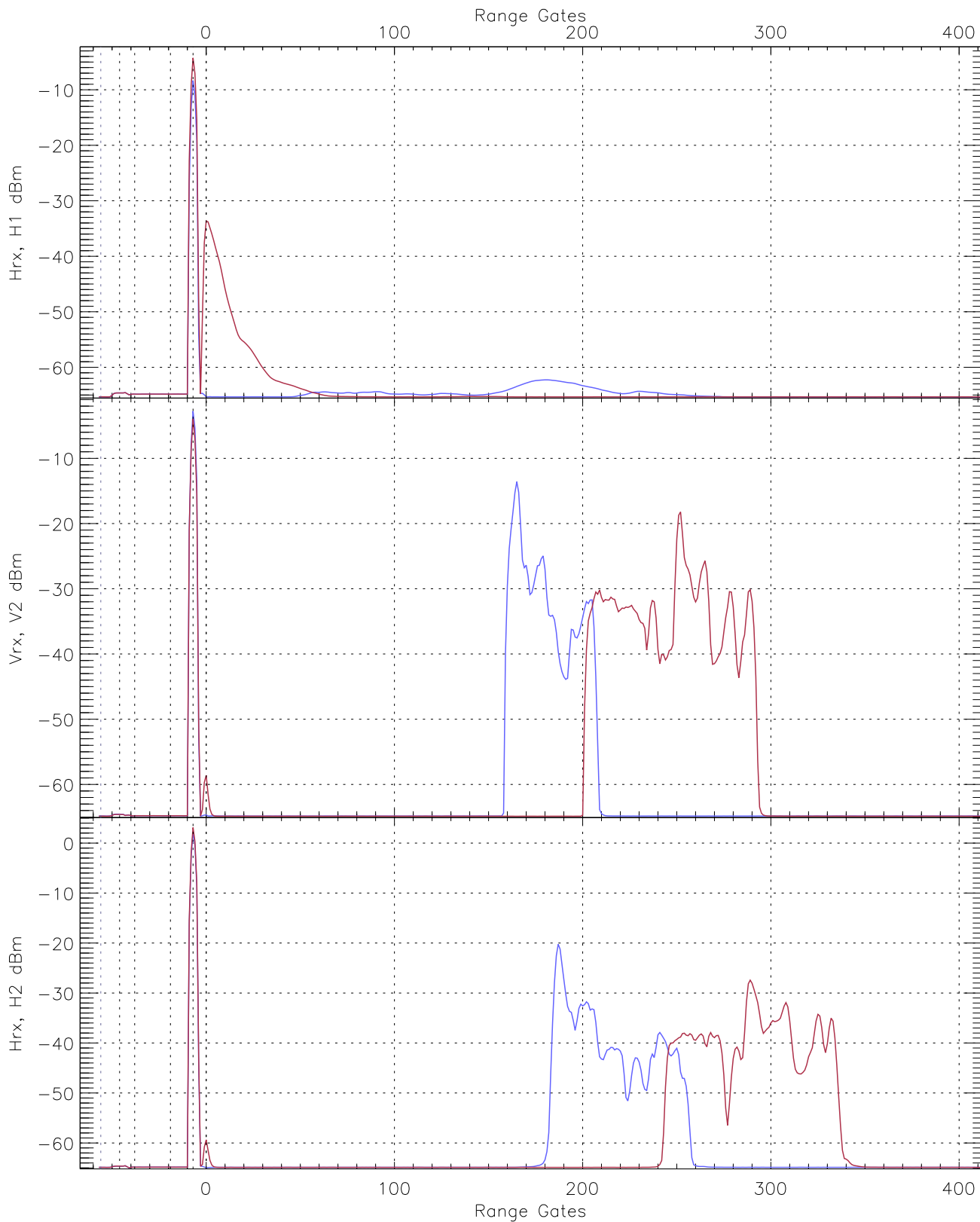
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.57	-64.22	-65.32	-65.33	-76.84
Vrx, V2 (RM [dBm])	-66.16	-63.55	-64.85	-64.86	-76.39
Hrx, H2 (RM [dBm])	-66.37	-63.69	-64.88	-64.89	-76.41



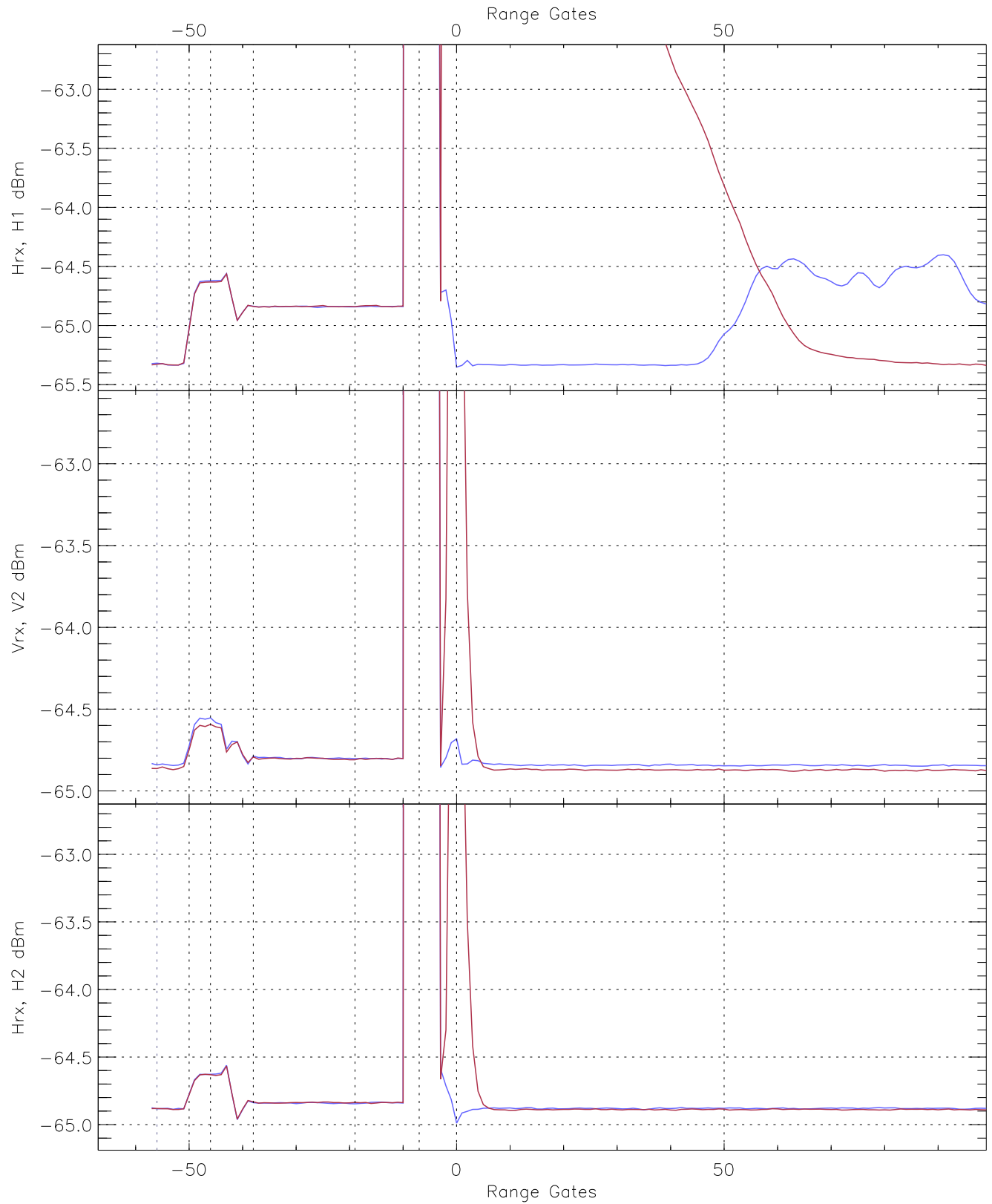
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG298_0 [dBm]	-66.53	-64.18	-65.34	-65.35	-76.88
V2RG86_0 [dBm]	-66.23	-63.75	-64.86	-64.87	-76.37
H2RG35_0 [dBm]	-66.37	-63.83	-64.89	-64.90	-76.43

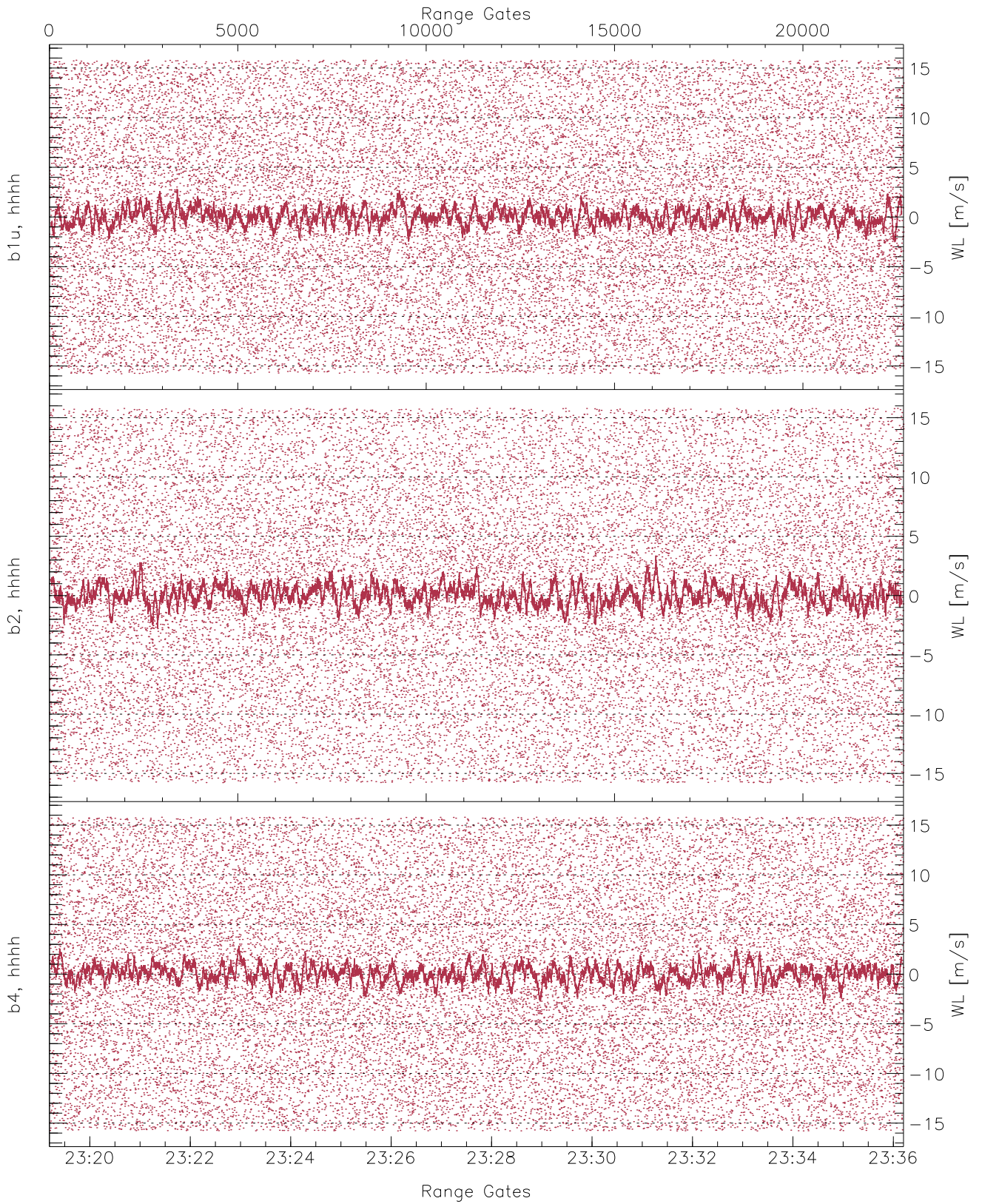




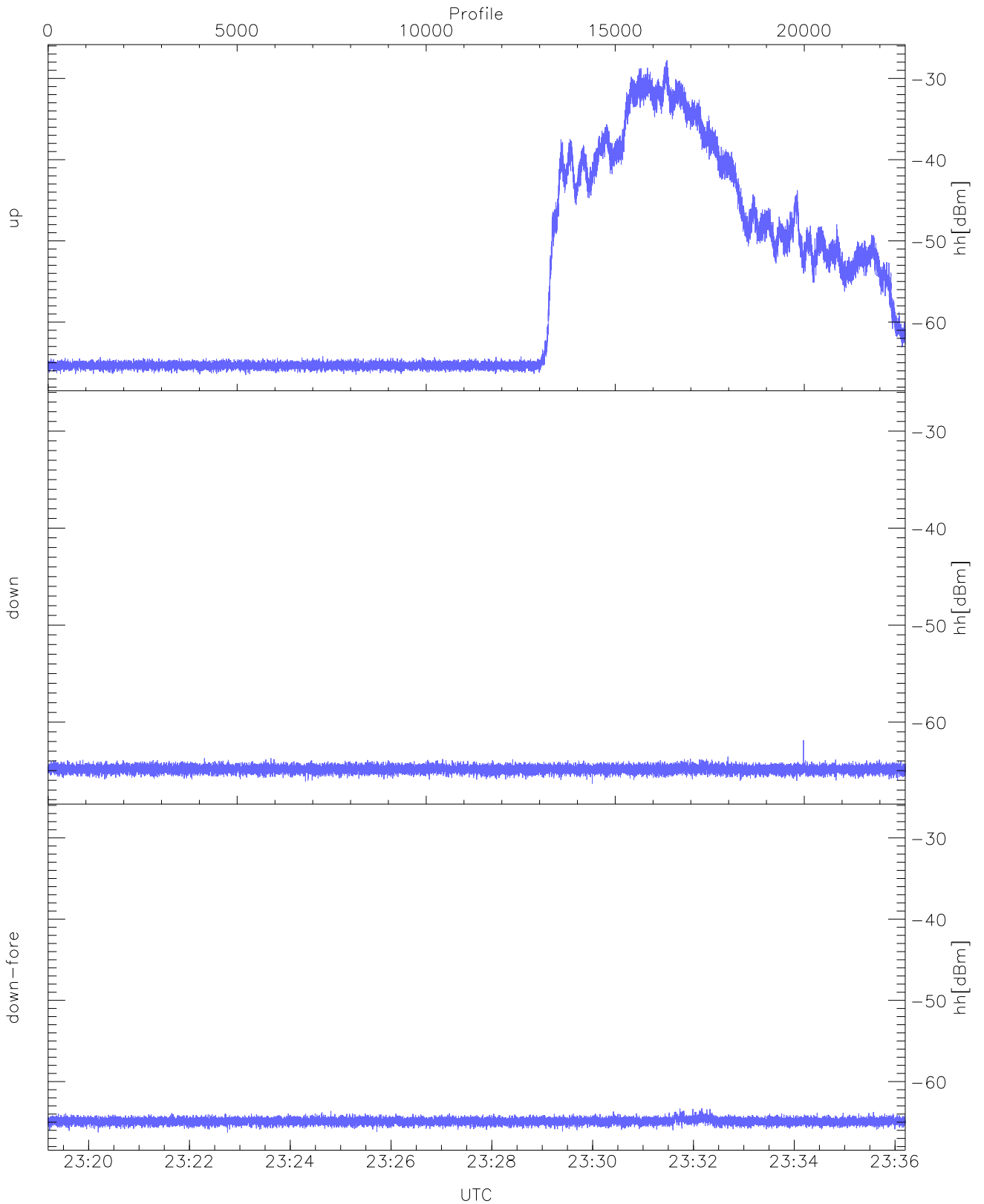
WCR3 CPP Averaged Received power for all recorded gates  
blue: 231912-232742, 11337 profiles averaged  
red: 232742-233612, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 231912-232742, 11337 profiles averaged  
red: 232742-233612, 11336 profiles averaged

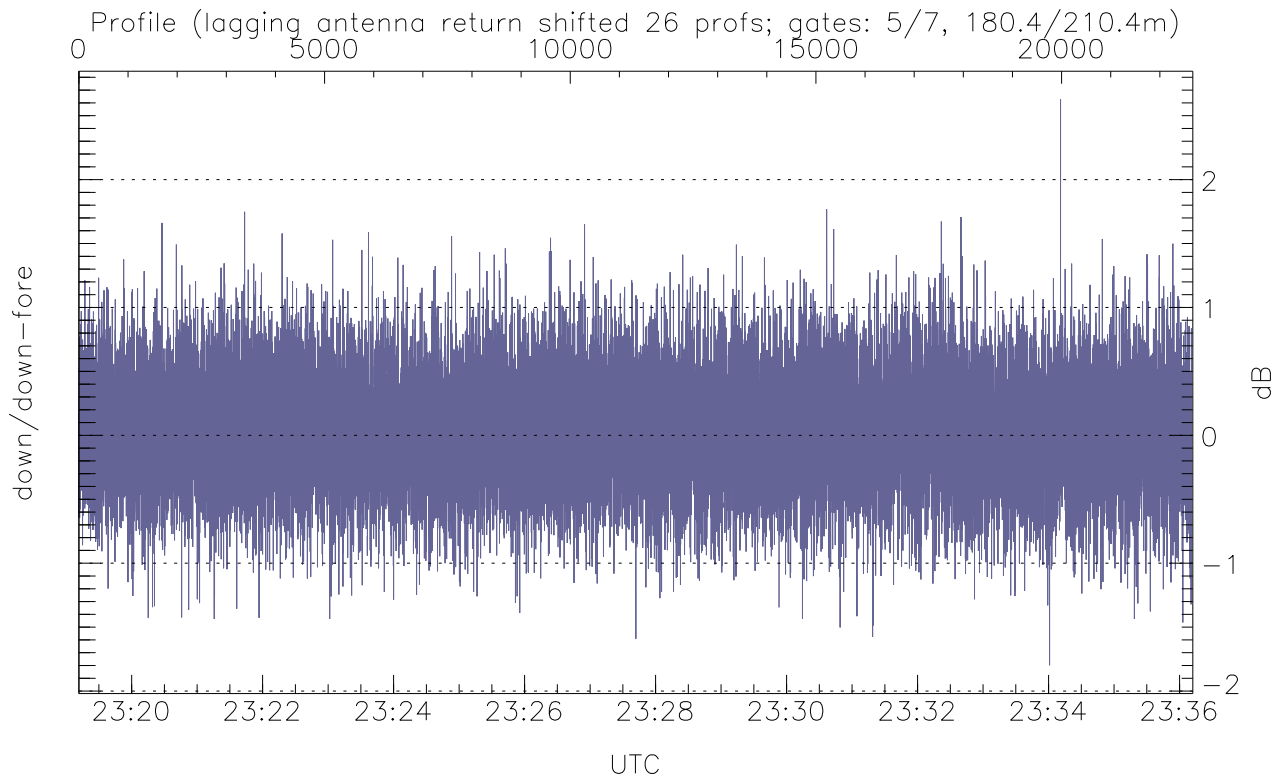
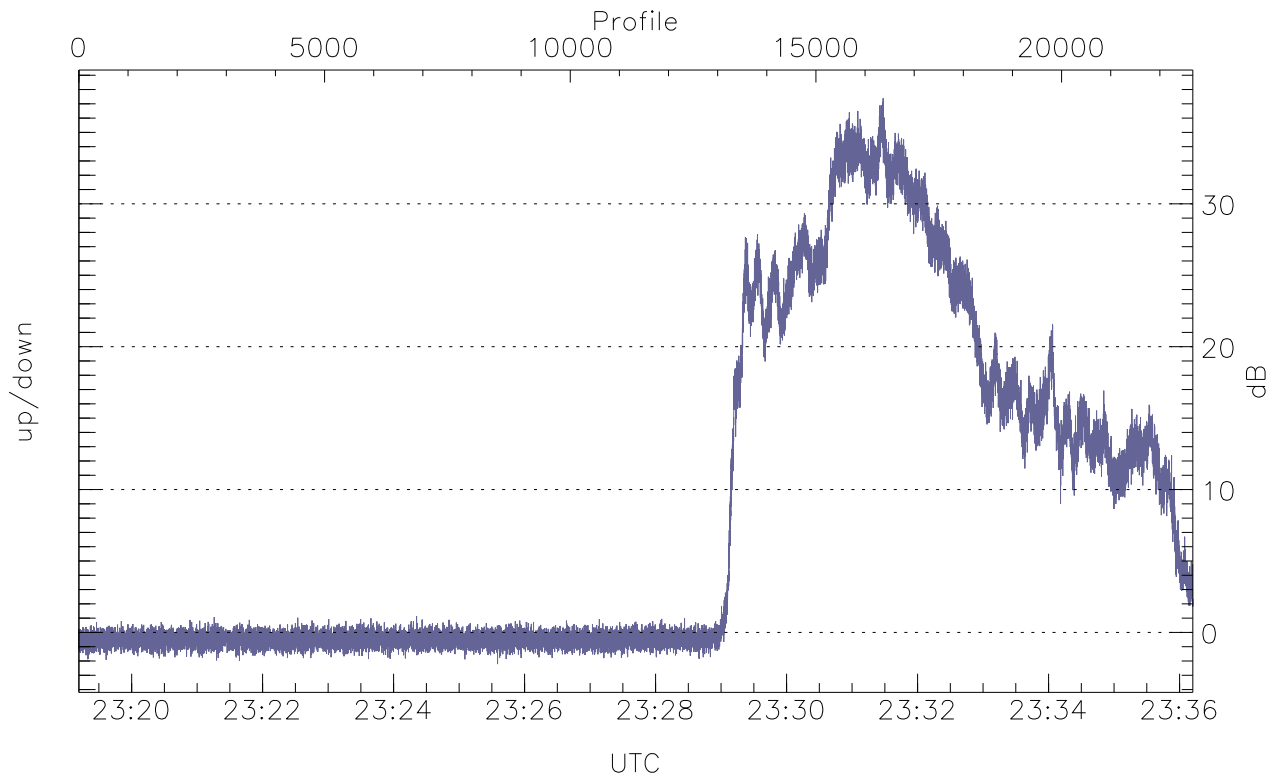


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



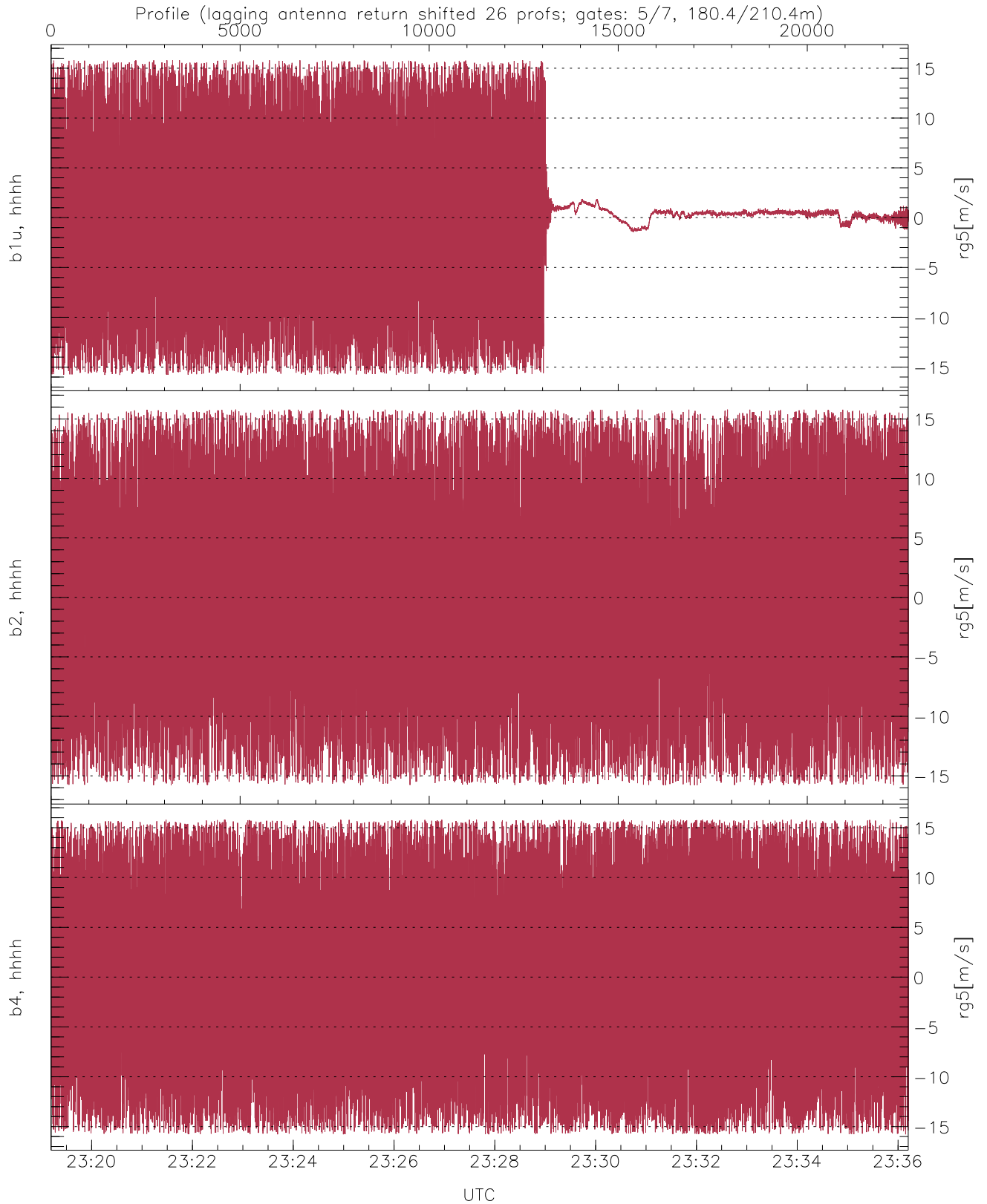
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.51	-27.77	-41.48
down(hh[dBm])	-66.35	-61.86	-64.84
down-fore(hh[dBm])	-66.25	-63.28	-64.87



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

	Min	Max	Mean
up/down (dB)	-2.22	37.39	8.42
down/down-fore (dB)	-1.80	2.63	0.04



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.79	15.79	0.11	6.51
b2, hhhh(rg5[m/s])	-15.79	15.79	0.05	8.17
b4, hhhh(rg5[m/s])	-15.78	15.79	0.00	8.87