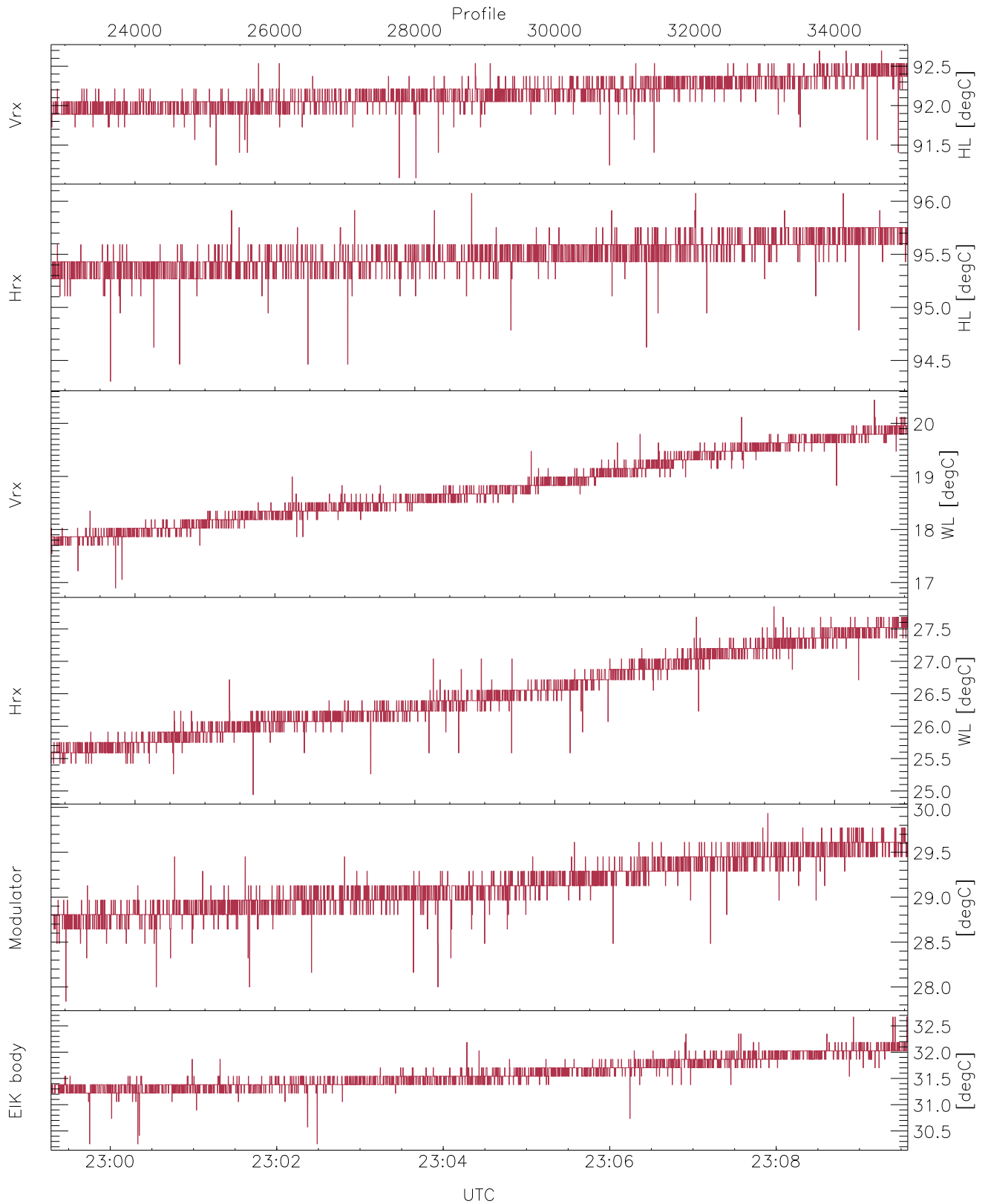




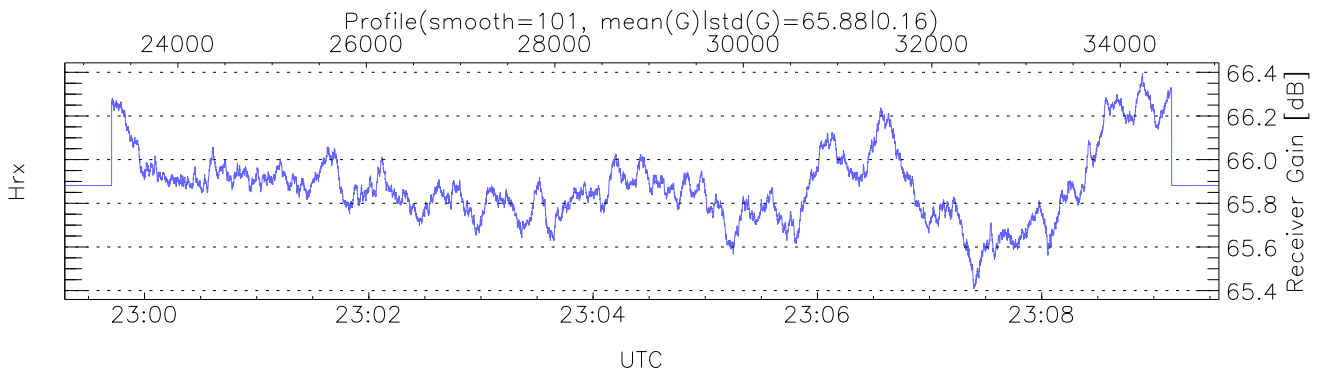
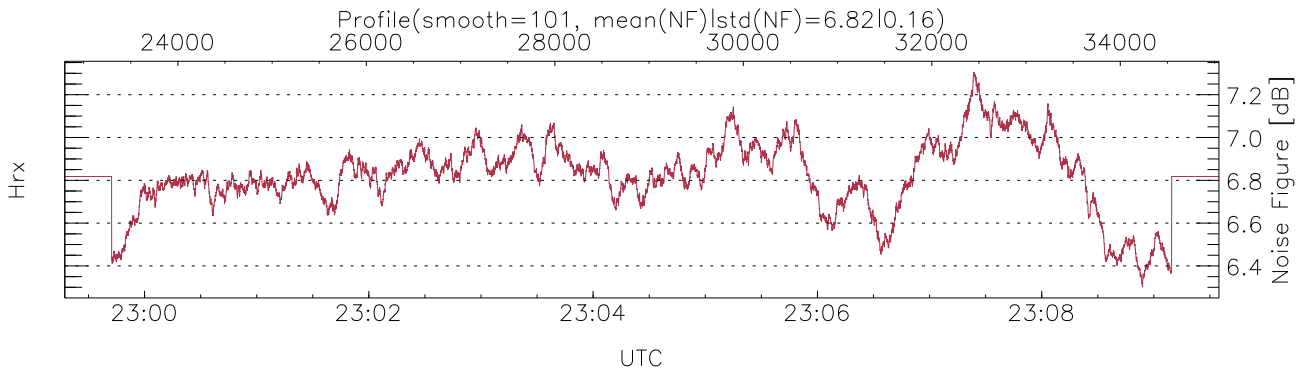
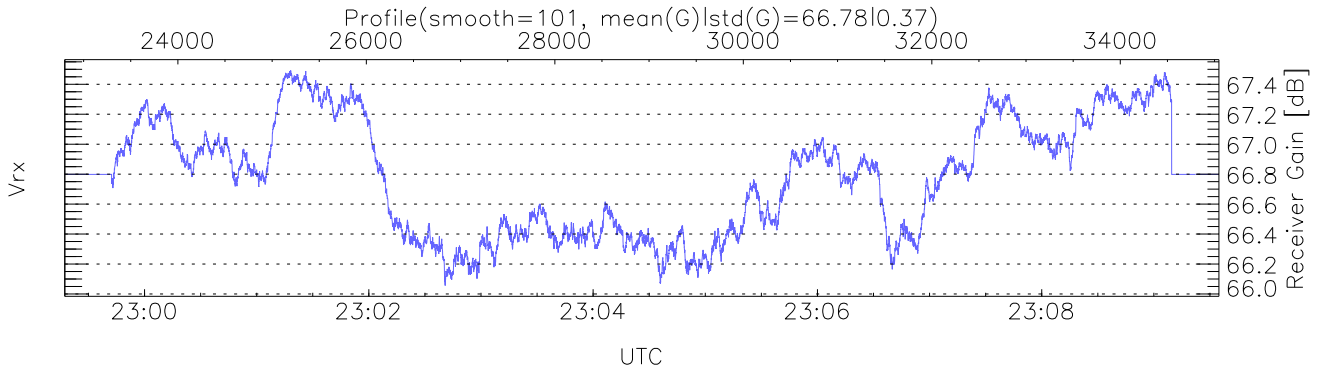
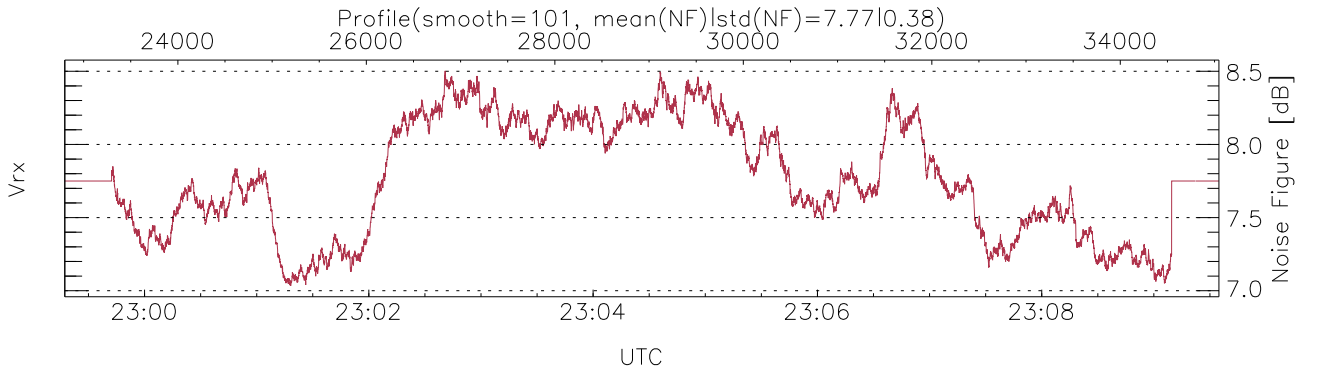
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

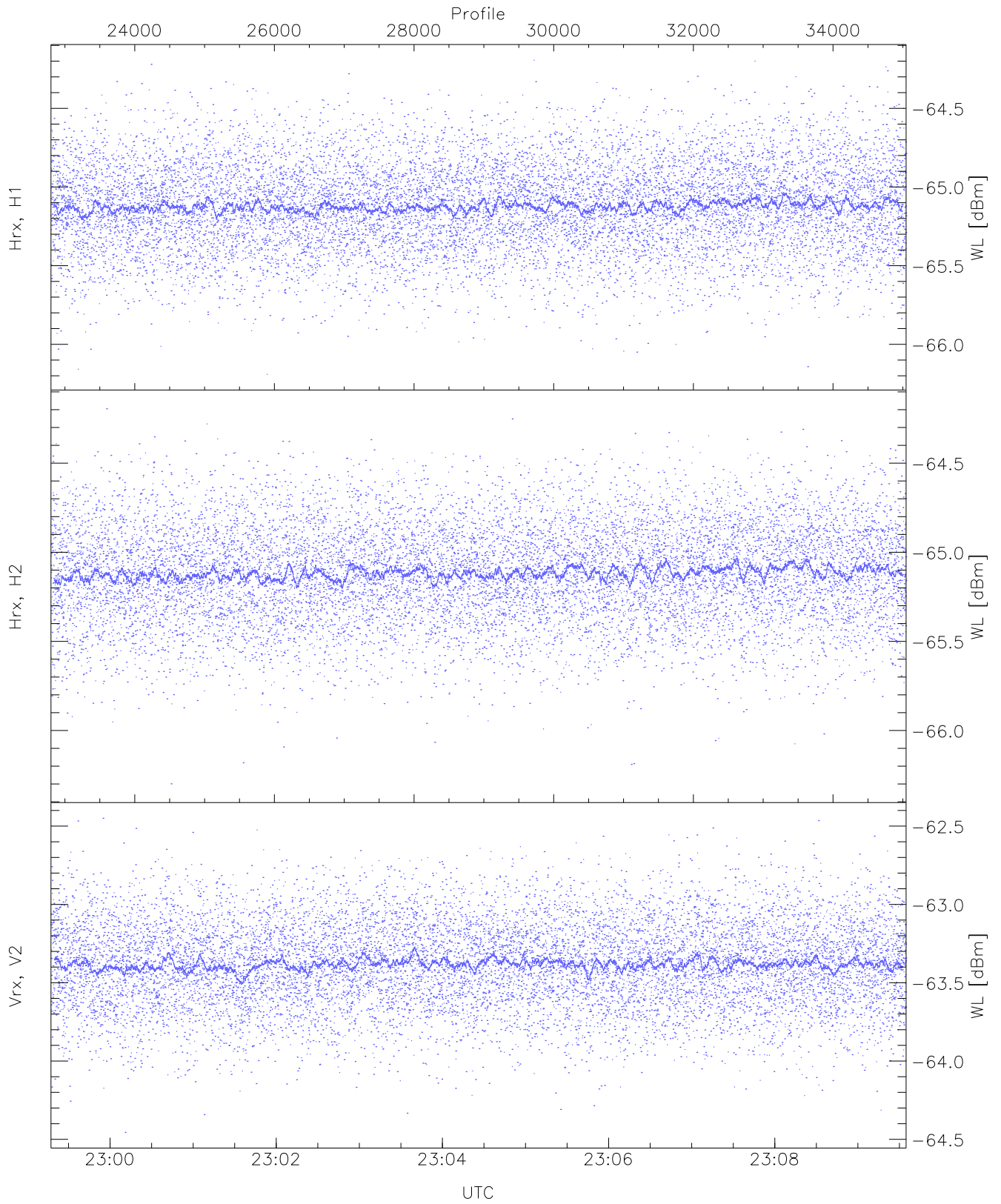
UTC: 22:40:08-23:09:35, Dur: 1767.11s  
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant  
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20  
 NumRec(r/t): 12248/35048, 22800-35047/22:59:17-23:09:35  
 AcqTime: 50.4ms, Rate: 384KB/s, Averages: 140  
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2  
 PRF: 16.7 16.7 16.7 16.7 16.7 KHz, IGS: 60us  
 Range(min,max,rgs): 105,7689,15.0 m, Gates: 506, Aspect: 2.6



WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator Body, EIK Body

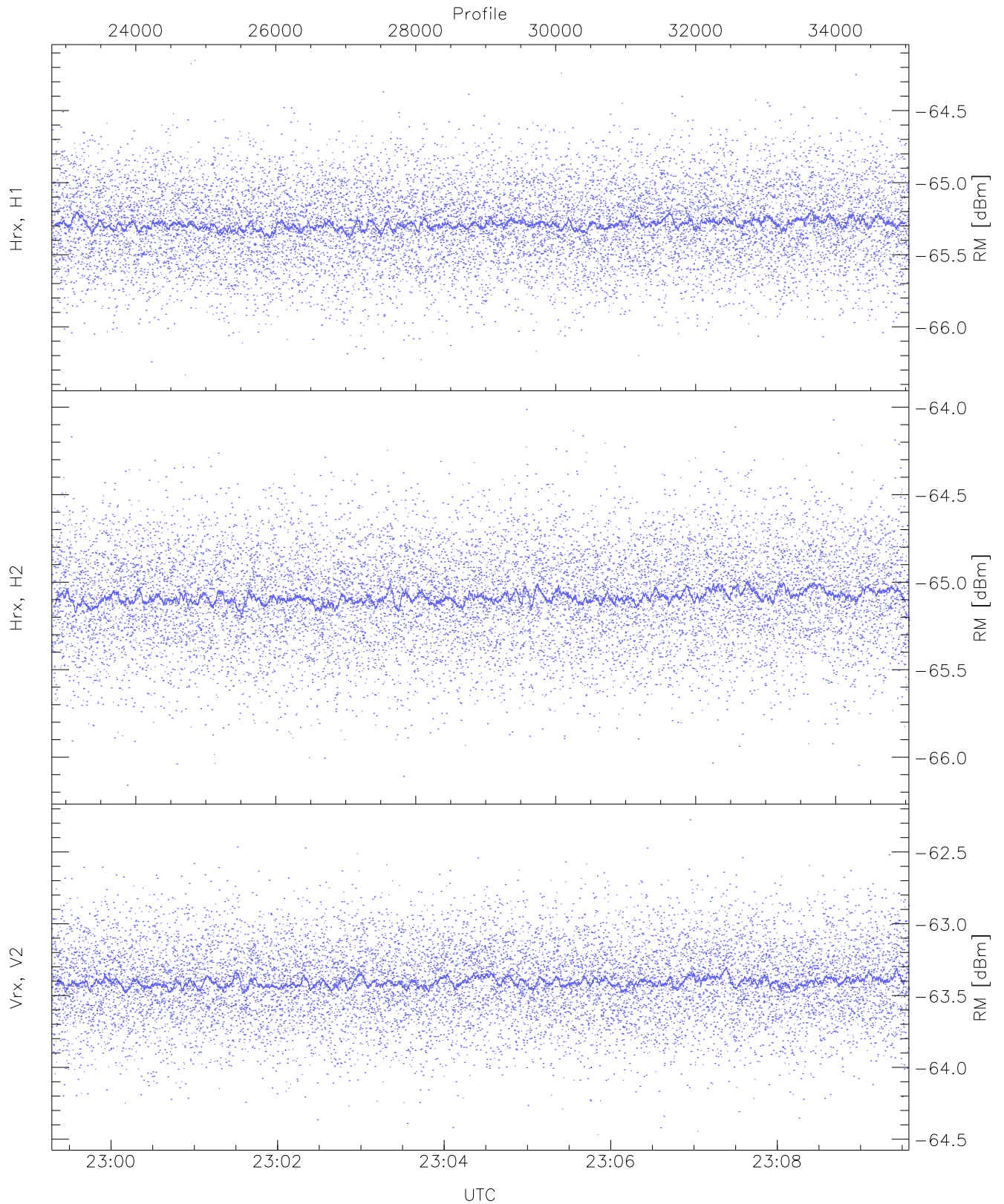
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,94,16,24,27,30  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,96,20,27,29,32  
LOalarm(20,80,240,2.8,14.8 MHz): 0,0,0,16,0  
EIK/Modulator Faults: None





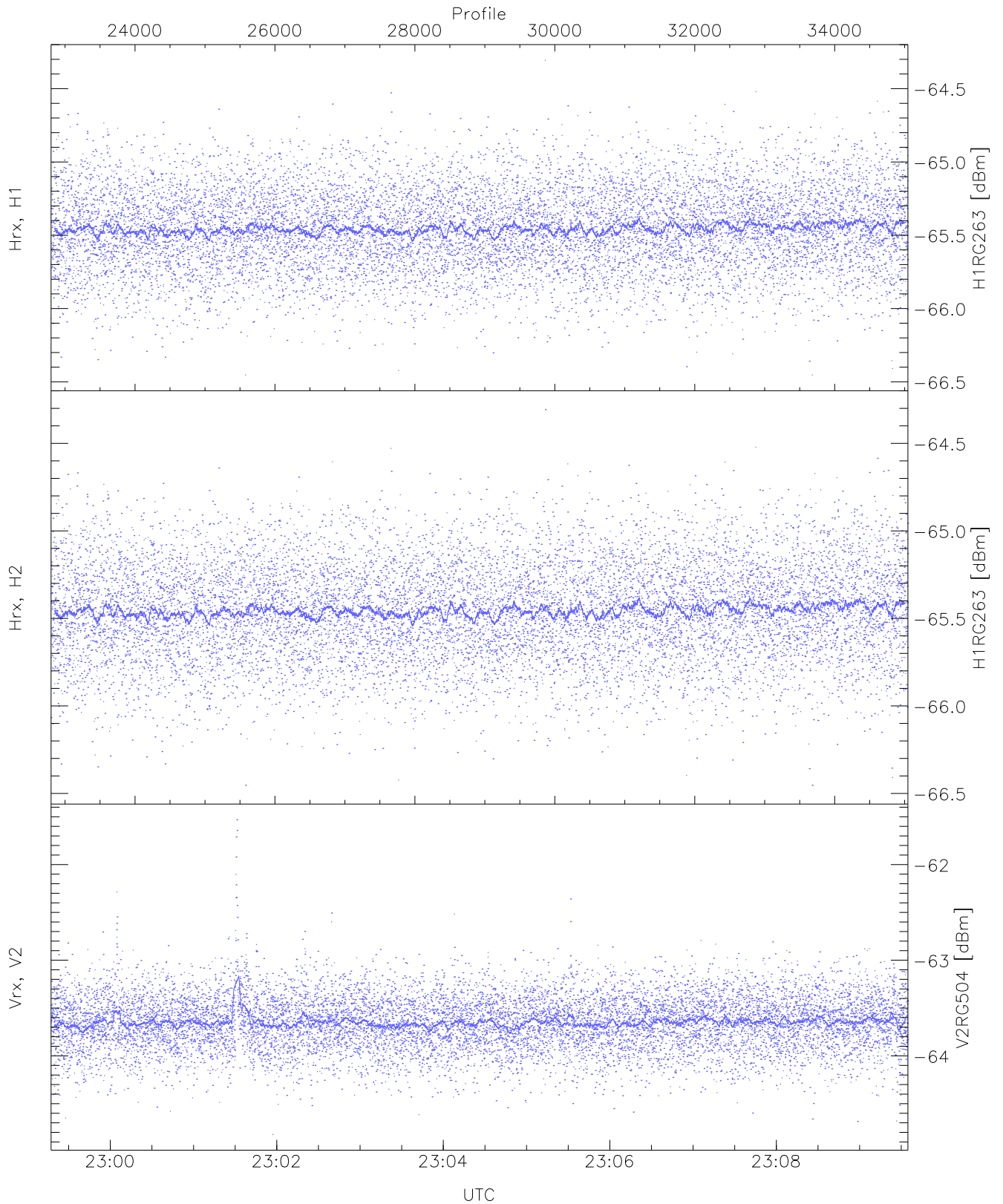
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.19	-64.19	-65.12	-65.12	-77.22
Hrx, H2 (WL [dBm])	-66.30	-64.19	-65.11	-65.12	-77.32
Vrx, V2 (WL [dBm])	-64.46	-62.45	-63.38	-63.38	-75.54



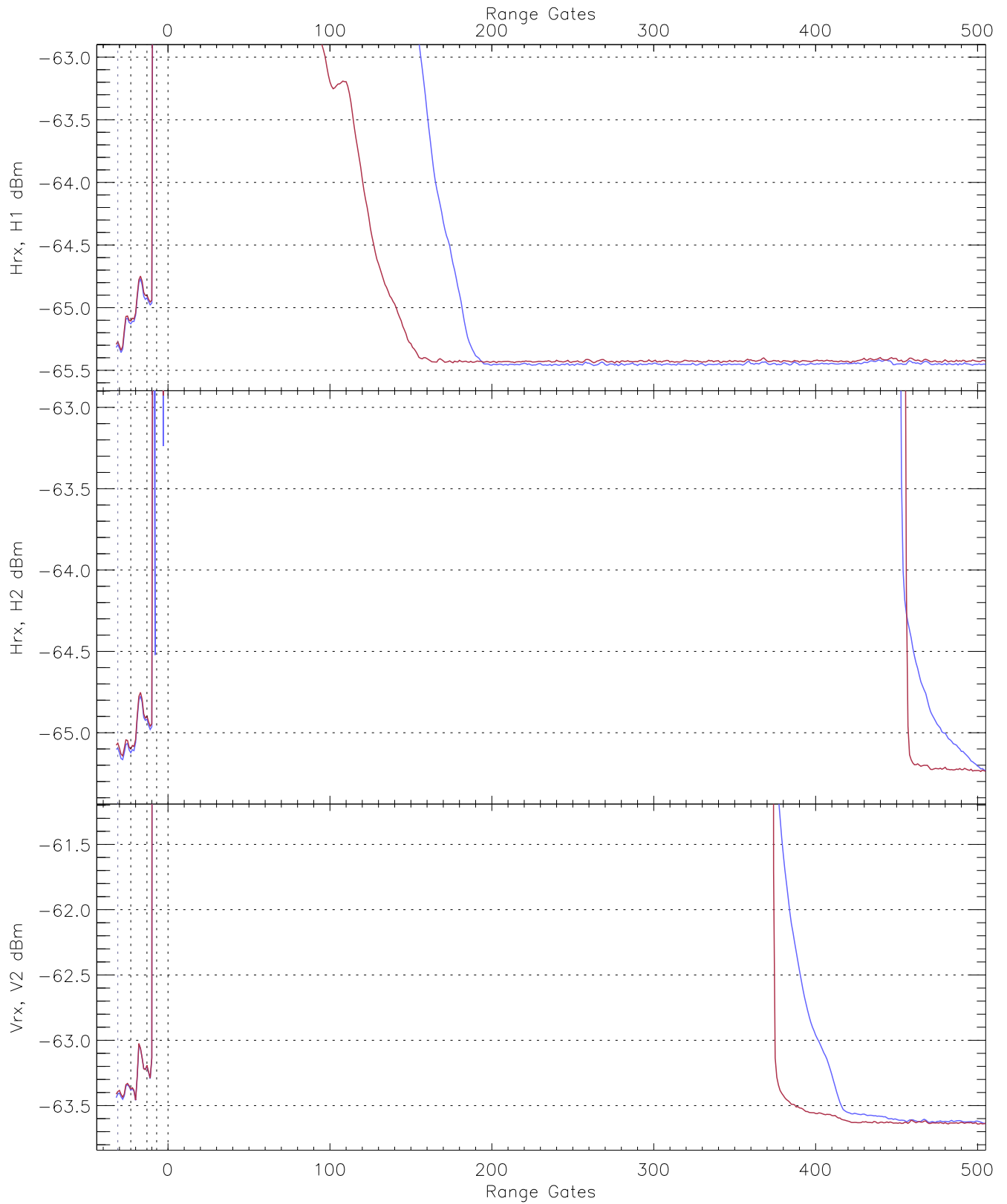
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.33	-64.15	-65.28	-65.29	-77.37
Hrx, H2 (RM [dBm])	-66.16	-64.01	-65.08	-65.08	-77.18
Vrx, V2 (RM [dBm])	-64.47	-62.28	-63.40	-63.40	-75.52

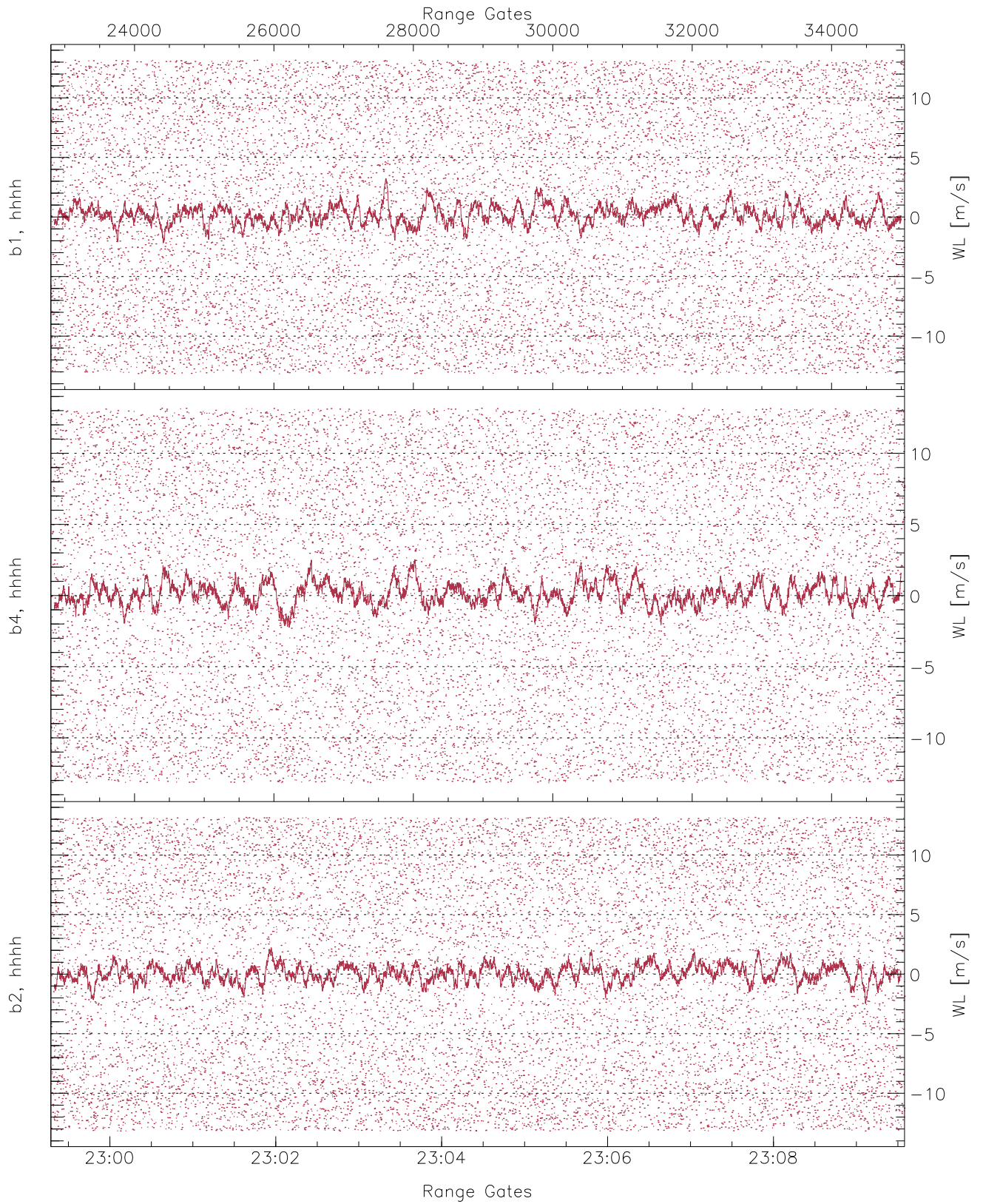


WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG263 [dBm]	-66.45	-64.31	-65.45	-65.46	-77.58
H1RG263 [dBm]	-66.45	-64.31	-65.45	-65.46	-77.58
V2RG504 [dBm]	-64.82	-61.53	-63.64	-63.65	-75.56

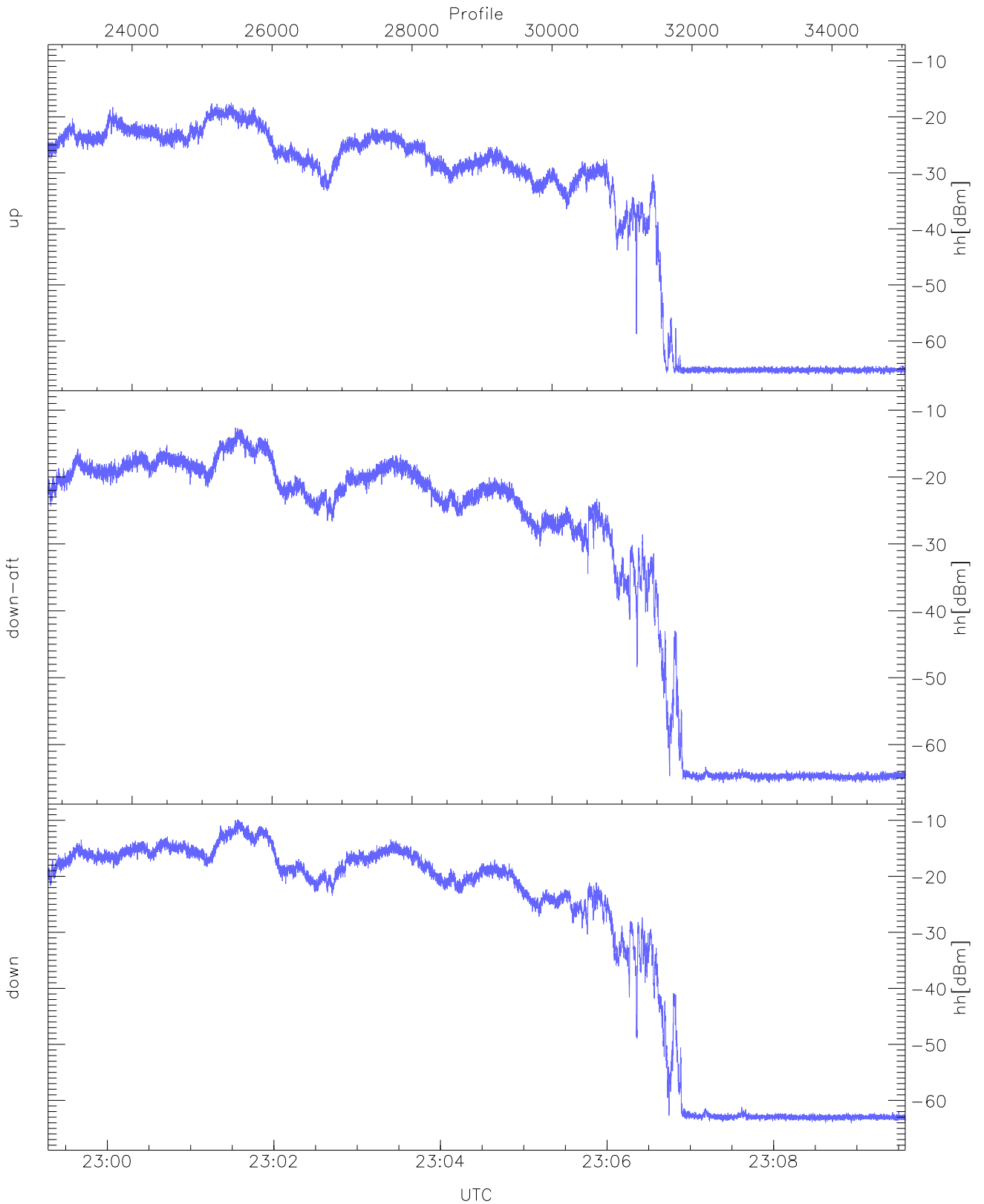


WCR2 CPP Averaged Received power for all recorded gates  
blue: 225917-230426, 6125 profiles averaged  
red: 230426-230935, 6124 profiles averaged



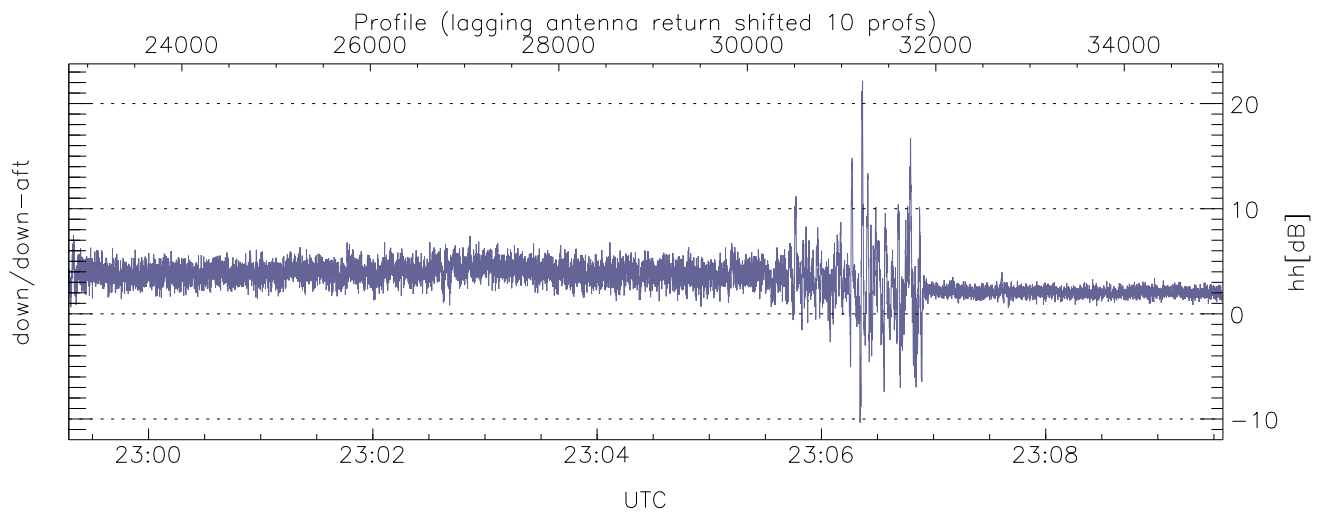
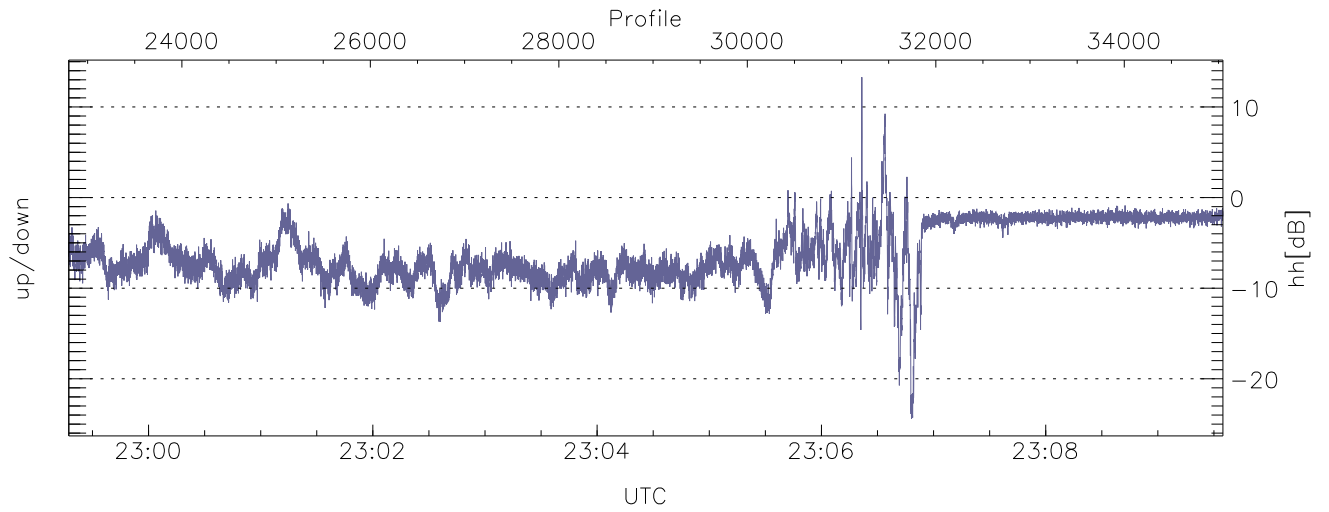
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements





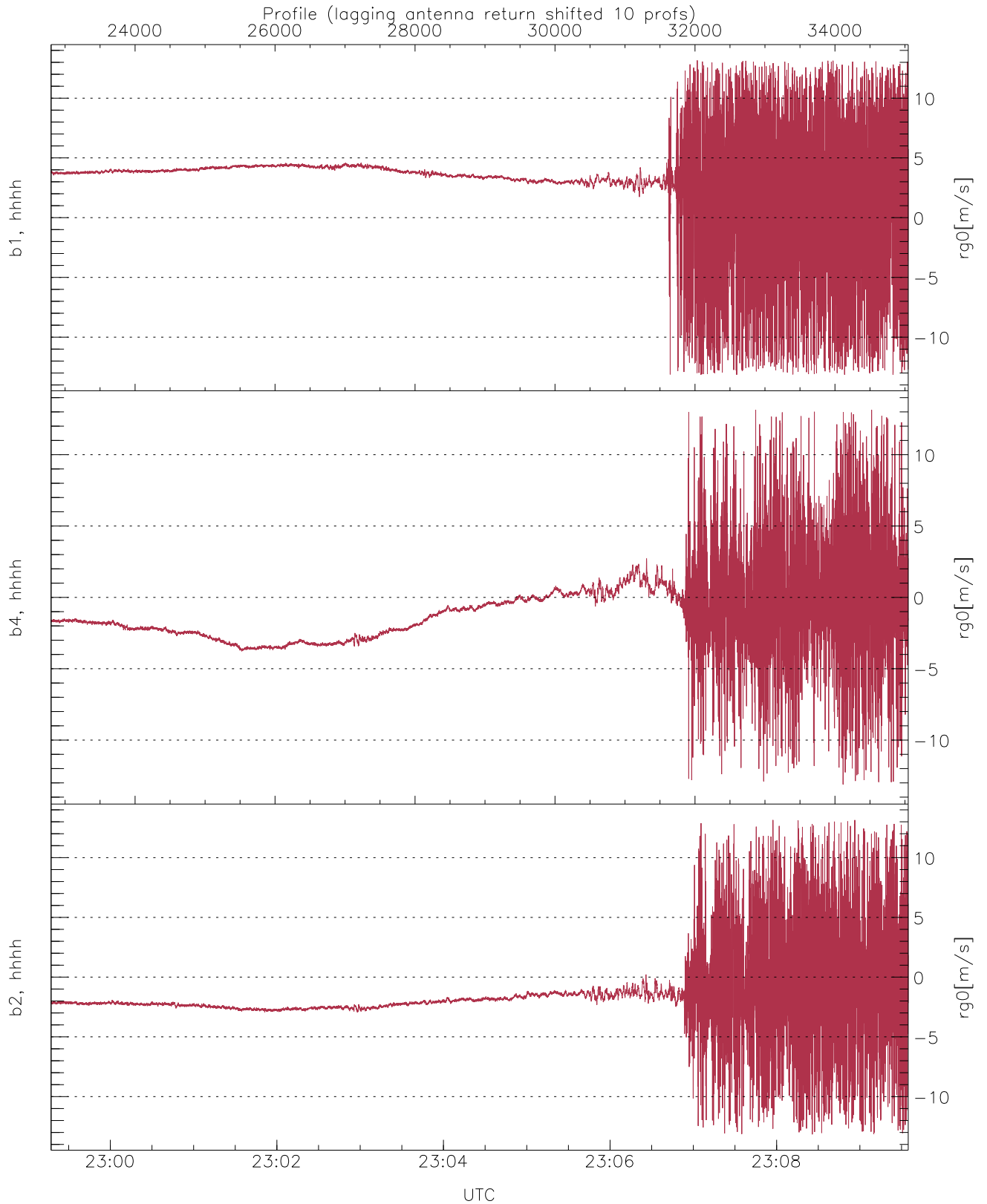
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

	Min	Max	Mean
up(hh[dBm])	-66.08	-17.43	-26.12
down-aft(hh[dBm])	-65.75	-12.62	-21.44
down(hh[dBm])	-64.09	-9.91	-18.60



WCR2 CPP Received Power Ratio; Range gates used: 0,1 (105,120 m)

	Min	Max	Mean
up/down(hh[dB])	-24.42	13.29	-5.29
down/down-aft(hh[dB])	-10.35	22.15	3.35



WCR2 CPP Doppler Velocity Products at 105.1 m range

	Min	Max	Mean	StDev
b1, hhhh(rg0[m/s])	-13.14	13.16	2.98	3.76
b4, hhhh(rg0[m/s])	-13.11	13.15	-1.12	2.65
b2, hhhh(rg0[m/s])	-13.16	13.15	-1.64	2.87