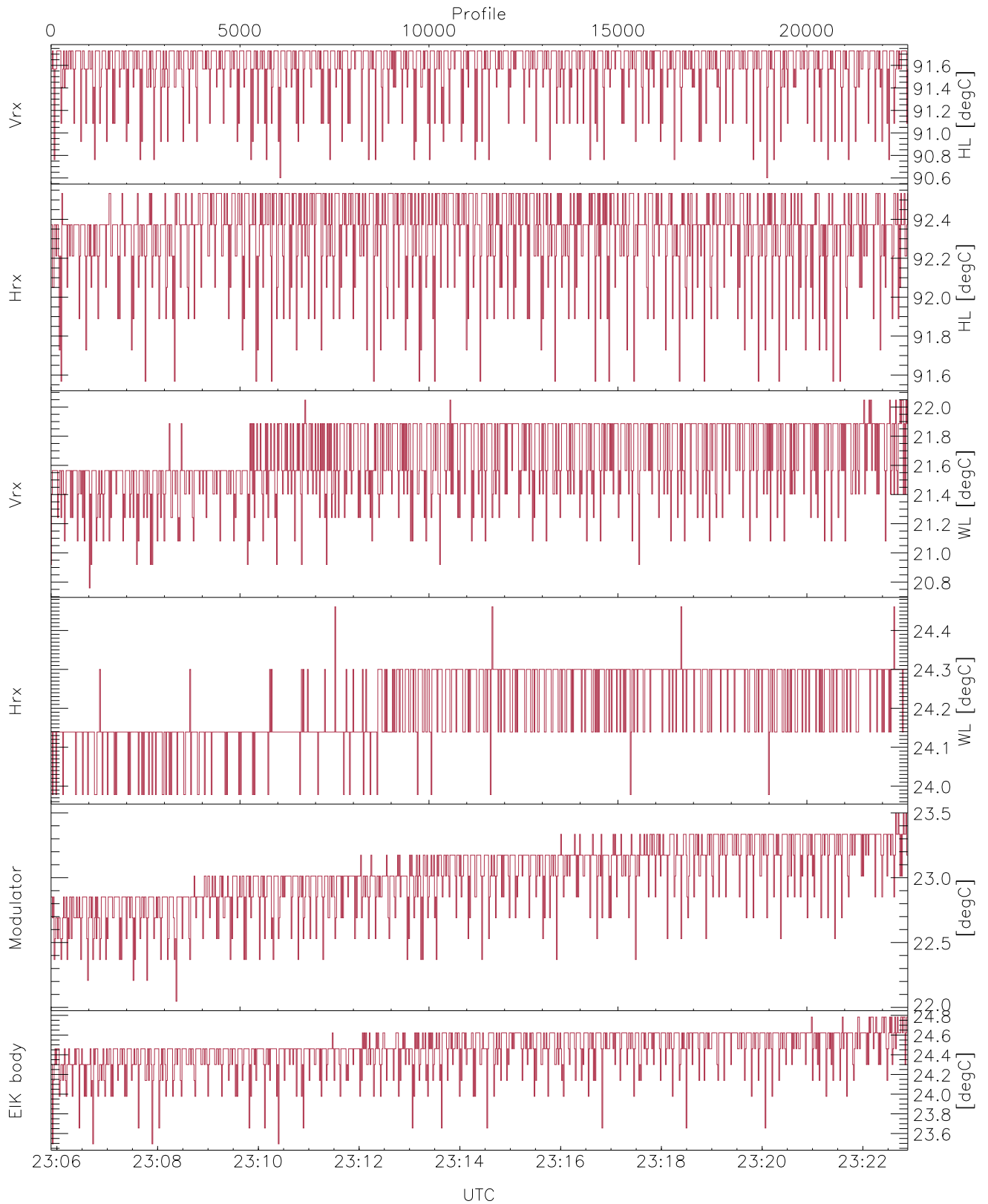


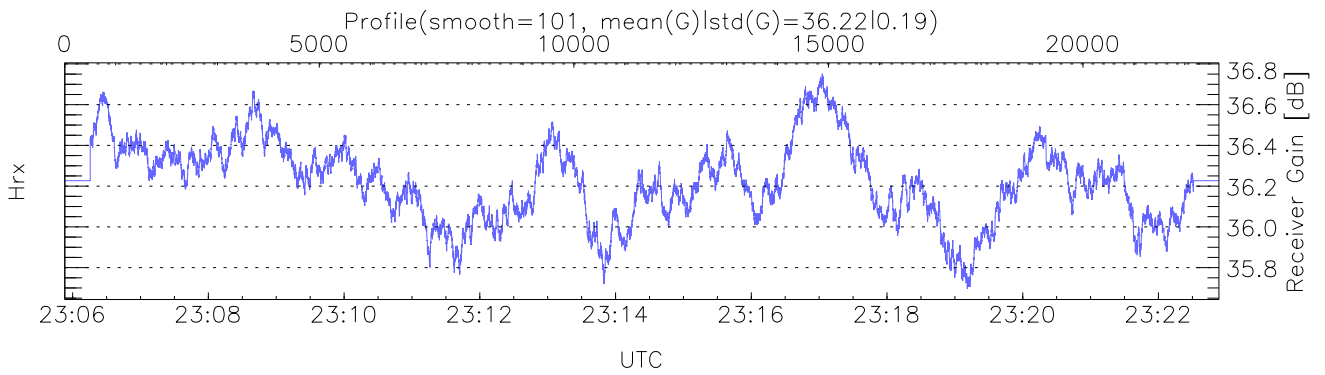
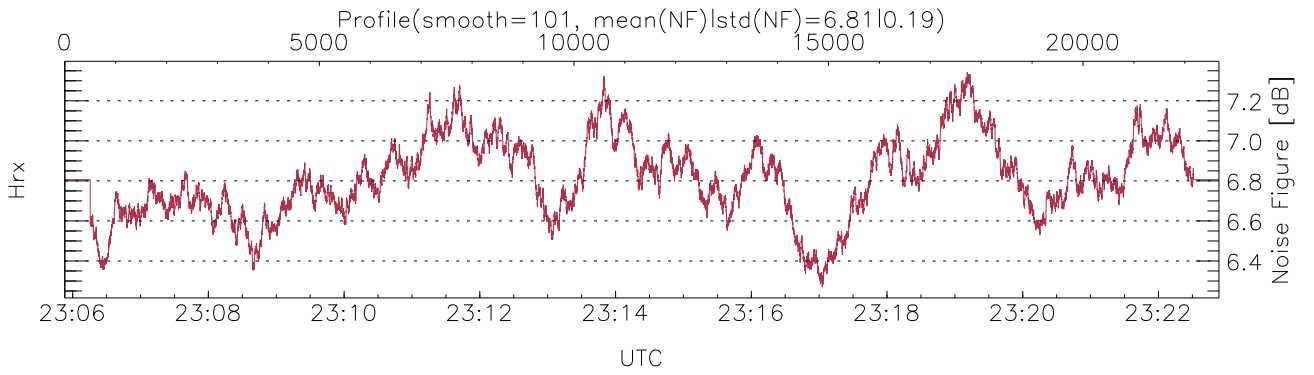
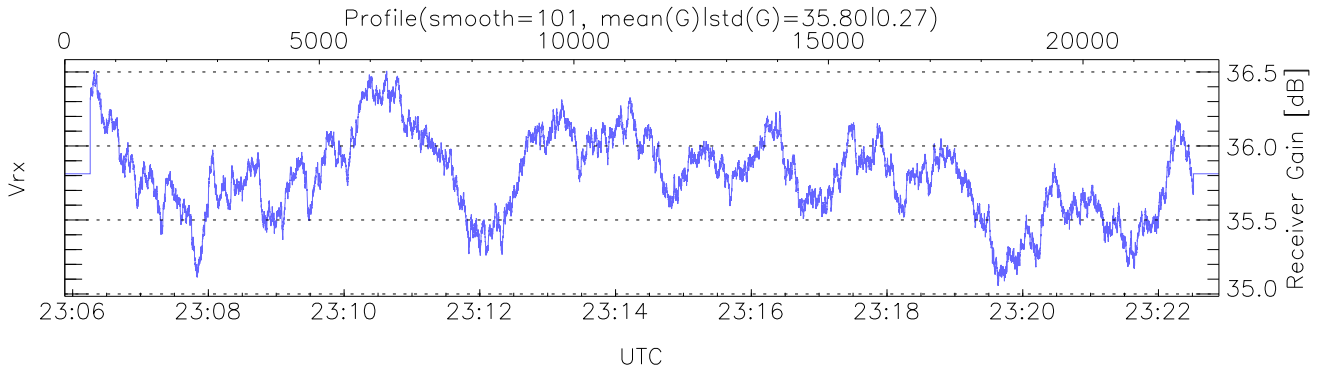
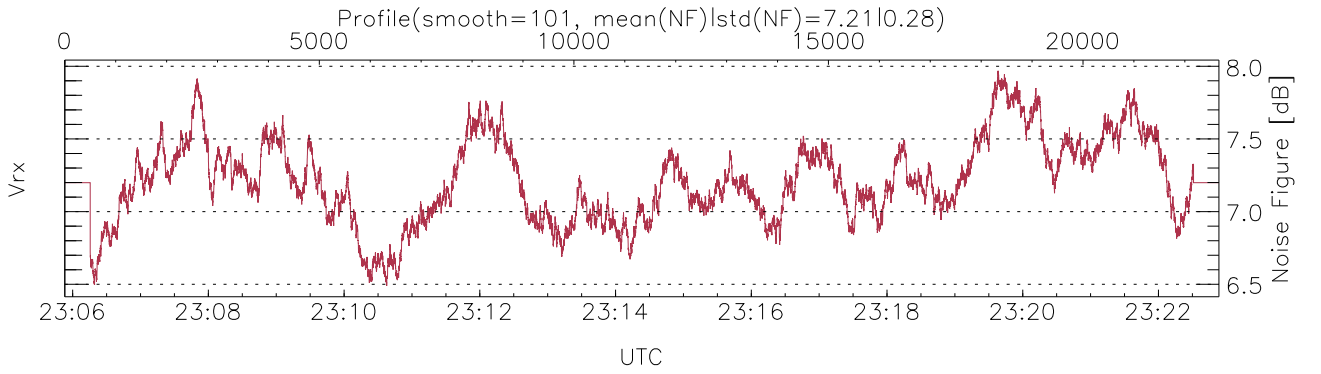
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 23:05:53-23:22:53, 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, 0-22671/23:05:53-23:22:53
 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



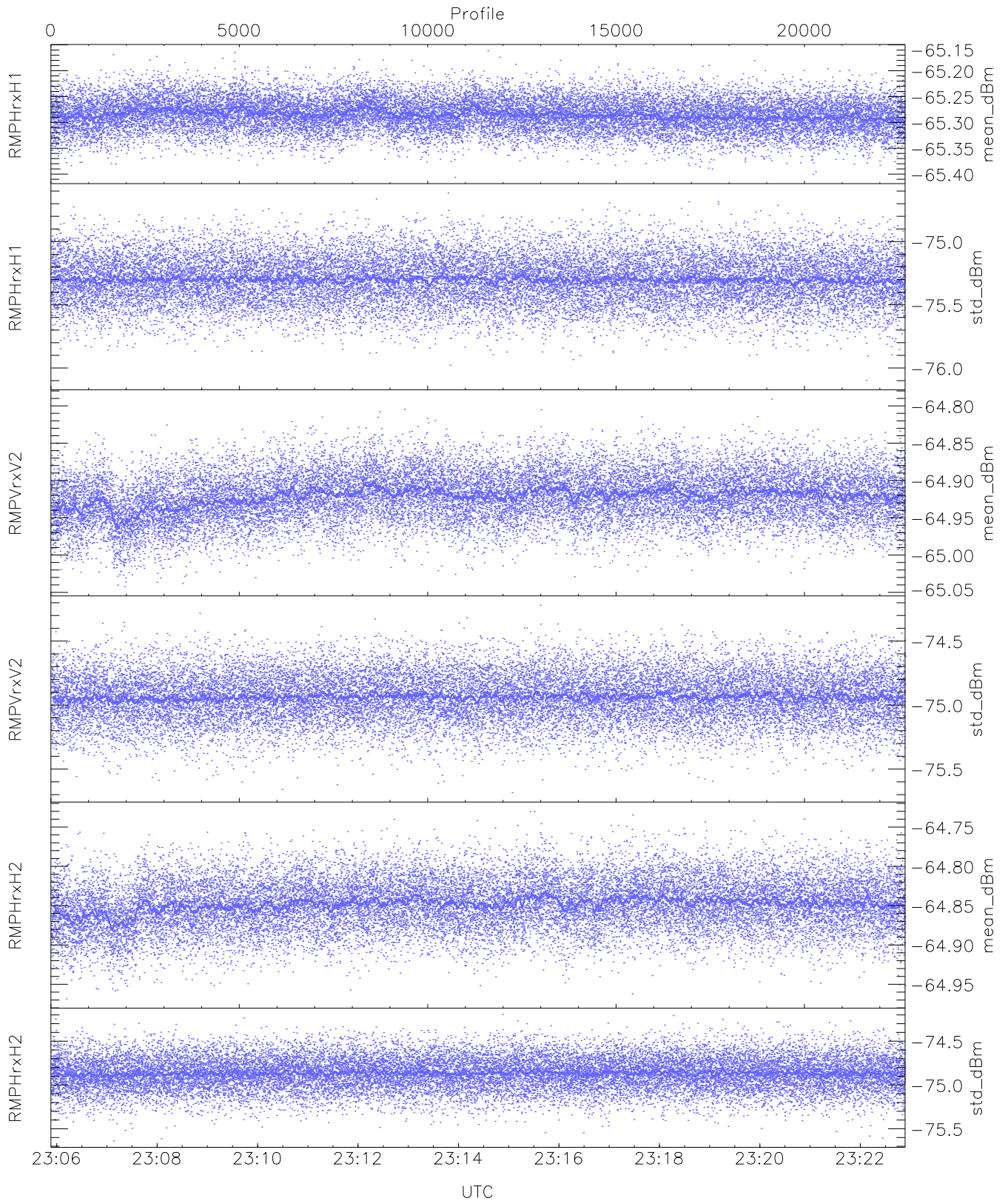
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,20,23,22,23`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,22,24,23,24`
`LOalarm(20,240,2817,14861 MHz): 0,0,46,0`
`EIK/Modulator Faults: None`



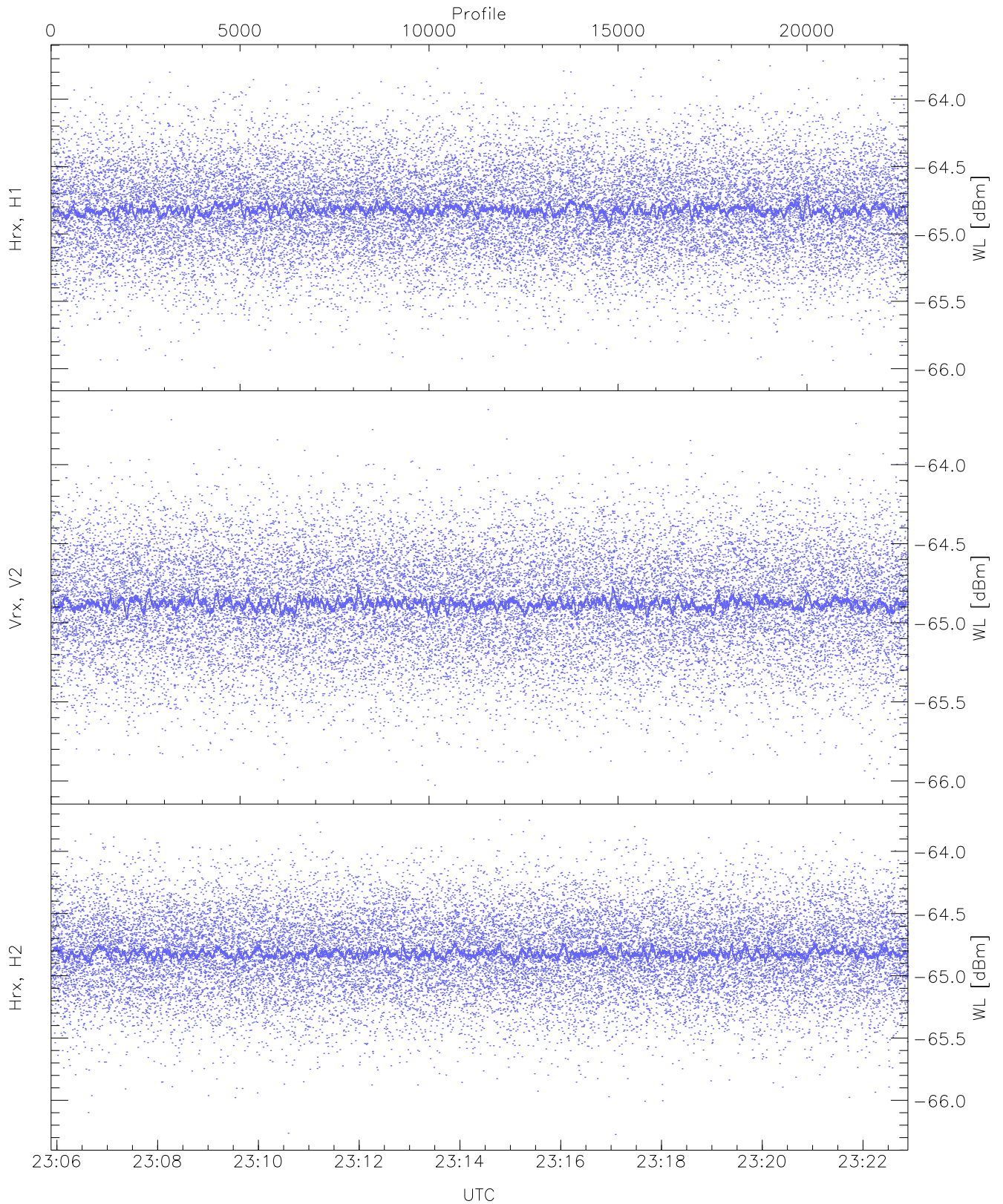
WCR3 CPP Receivers Gain and Noise Figure

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



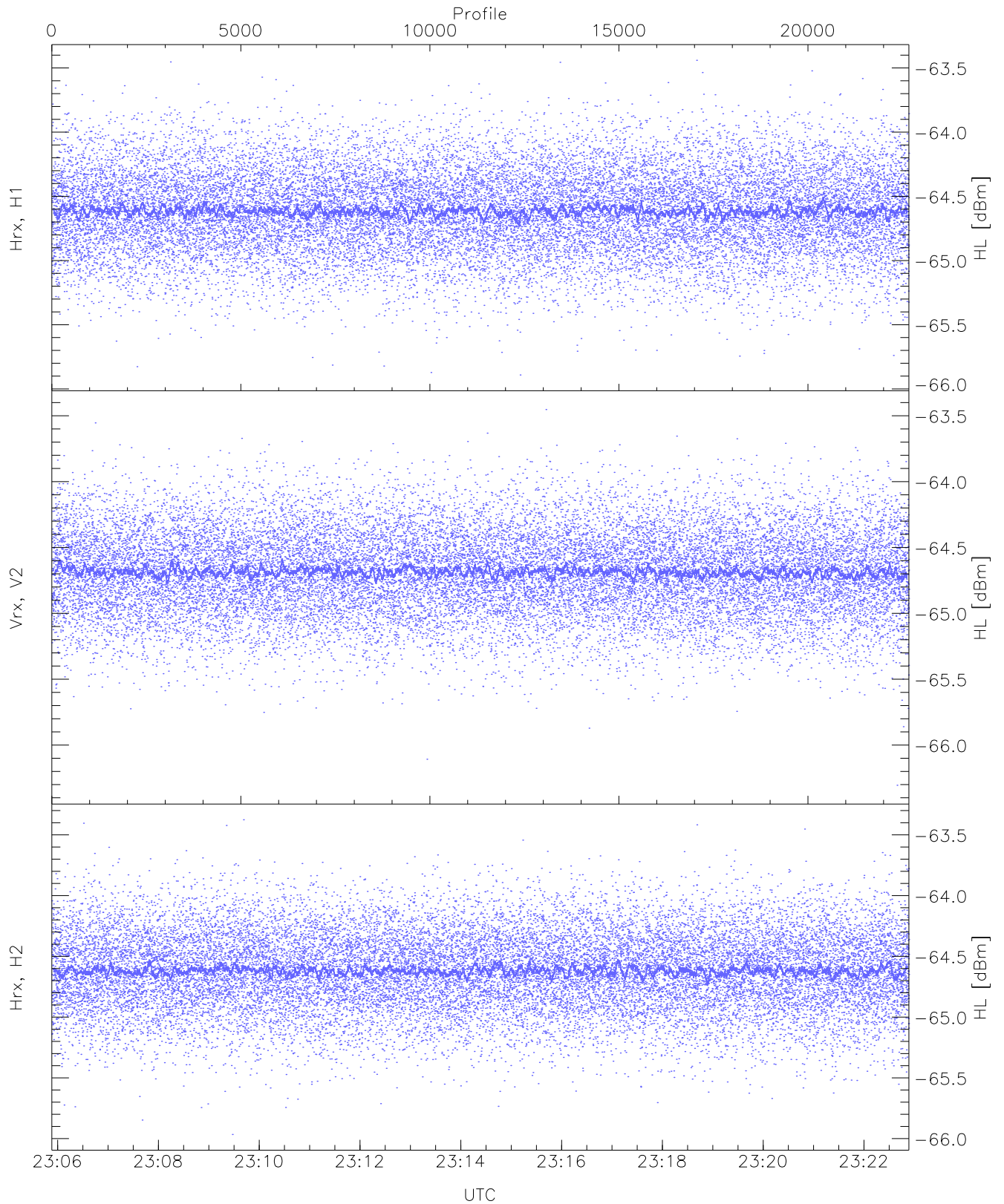
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.41	-65.16	-65.29	-65.29	-86.85
RMPHrxH1(std_dBm)	-76.10	-74.62	-75.30	-75.30	-89.12
RMPVrxV2(mean_dBm)	-65.04	-64.79	-64.92	-64.92	-86.31
RMPVrxV2(std_dBm)	-75.68	-74.22	-74.94	-74.94	-88.74
RMPHrxH2(mean_dBm)	-64.97	-64.73	-64.85	-64.85	-86.34
RMPHrxH2(std_dBm)	-75.64	-74.20	-74.86	-74.87	-88.66



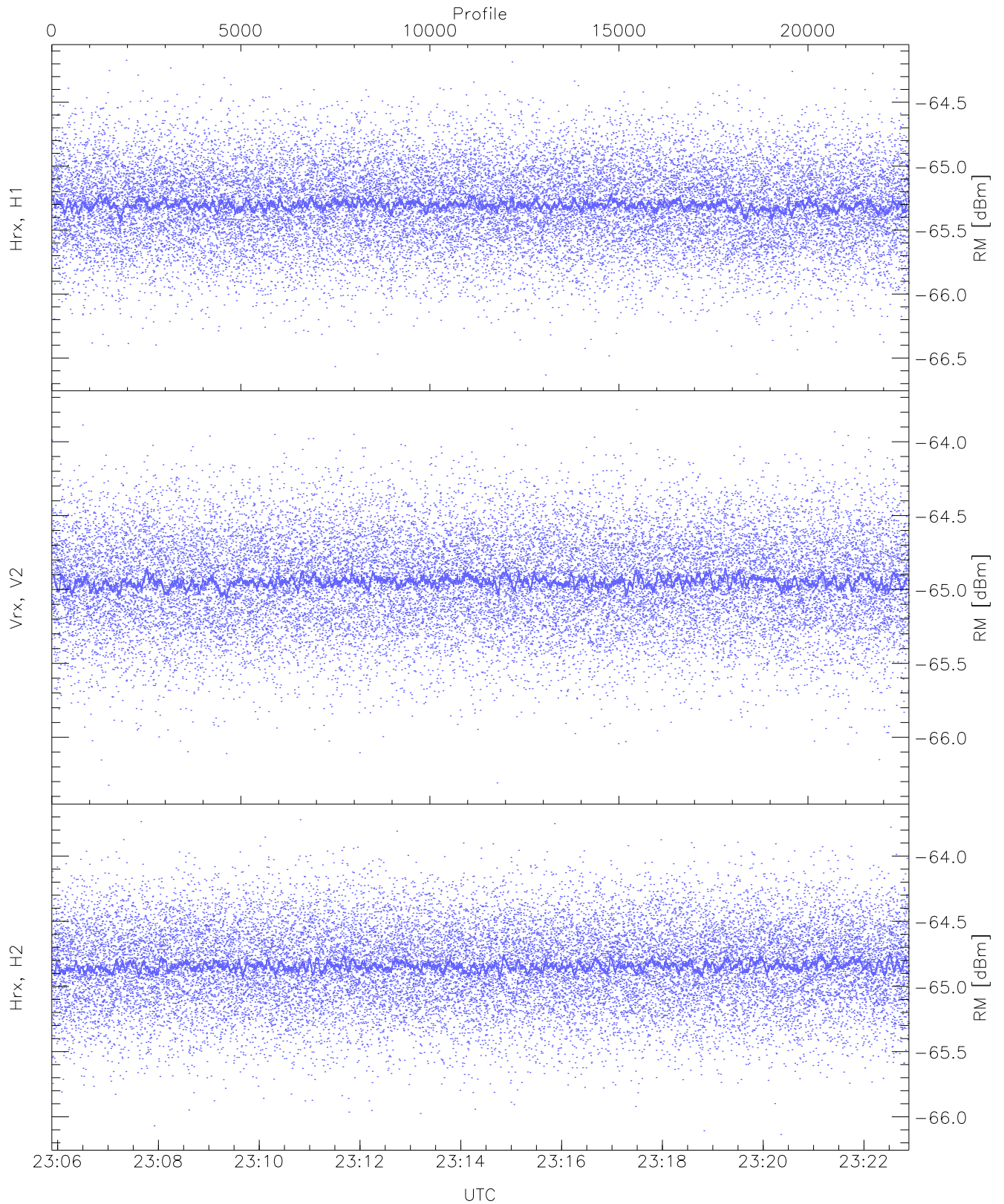
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.05	-63.71	-64.81	-64.82	-76.31
Vrx, V2 (WL [dBm])	-66.03	-63.65	-64.87	-64.88	-76.40
Hrx, H2 (WL [dBm])	-66.27	-63.75	-64.81	-64.82	-76.29



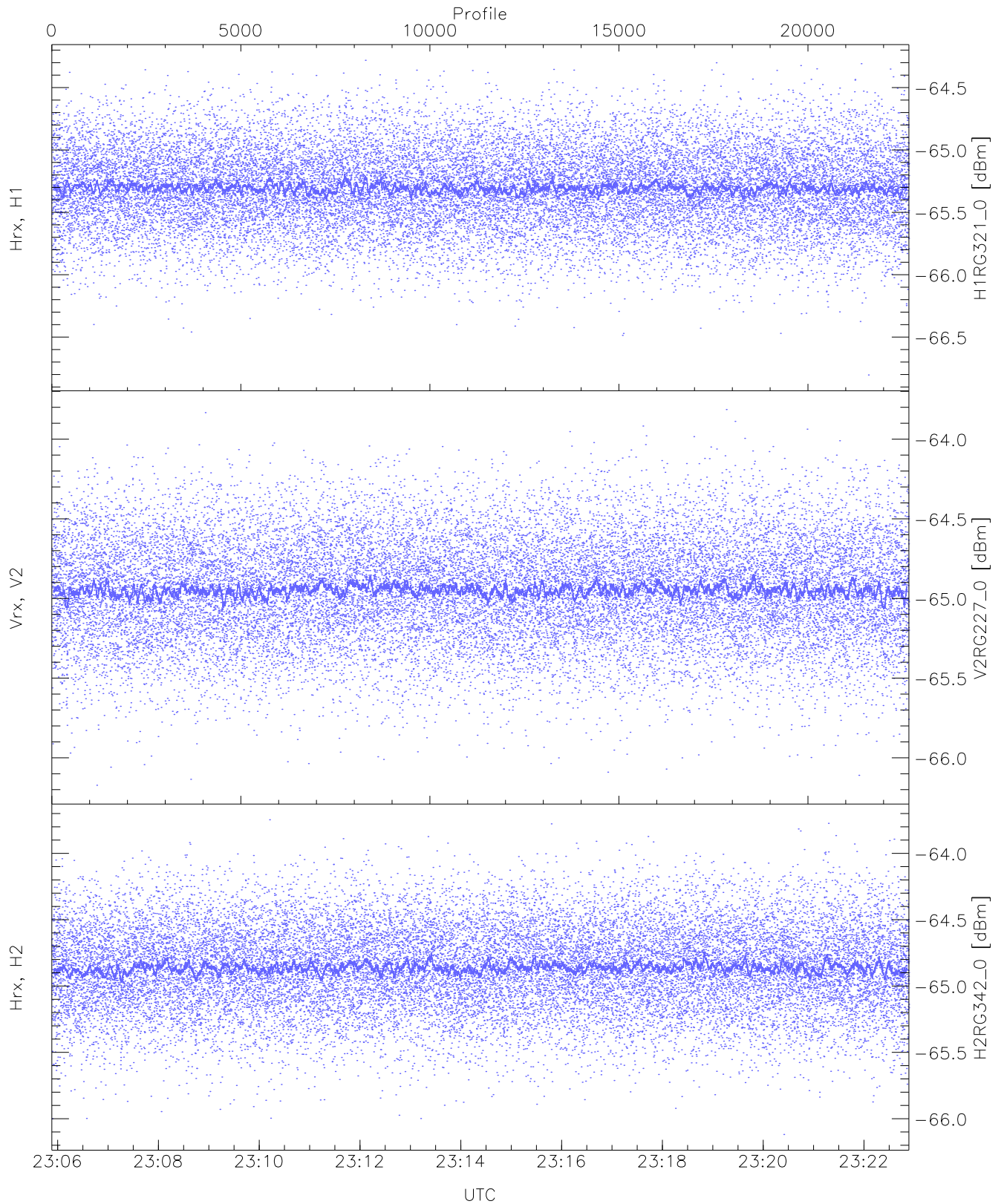
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.89	-63.44	-64.61	-64.62	-76.11
Vrx, V2 (HL [dBm])	-66.30	-63.45	-64.68	-64.69	-76.22
Hrx, H2 (HL [dBm])	-65.97	-63.38	-64.61	-64.62	-76.11



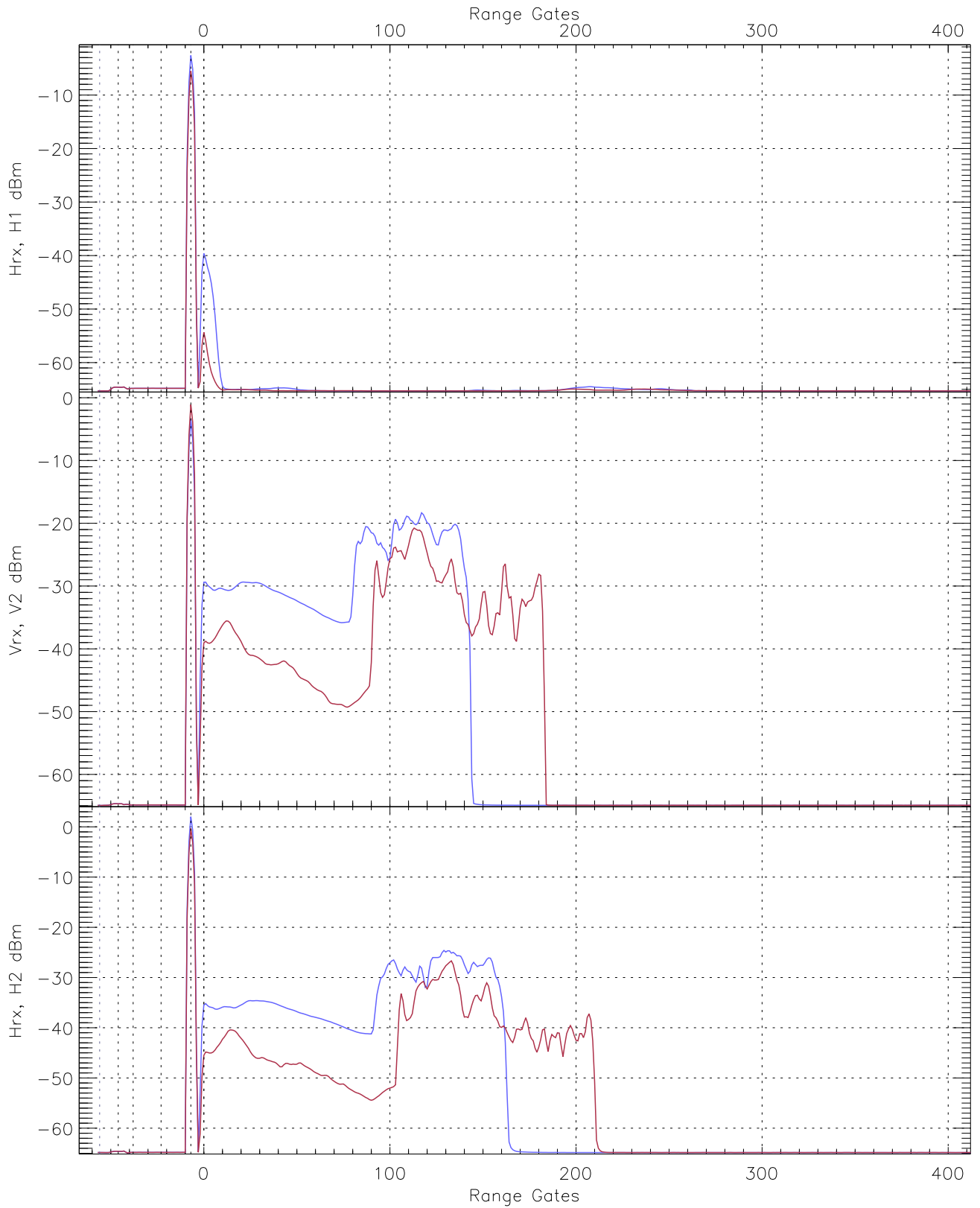
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.63	-64.17	-65.30	-65.30	-76.80
Vrx, V2 (RM [dBm])	-66.32	-63.78	-64.94	-64.95	-76.44
Hrx, H2 (RM [dBm])	-66.14	-63.72	-64.84	-64.84	-76.36

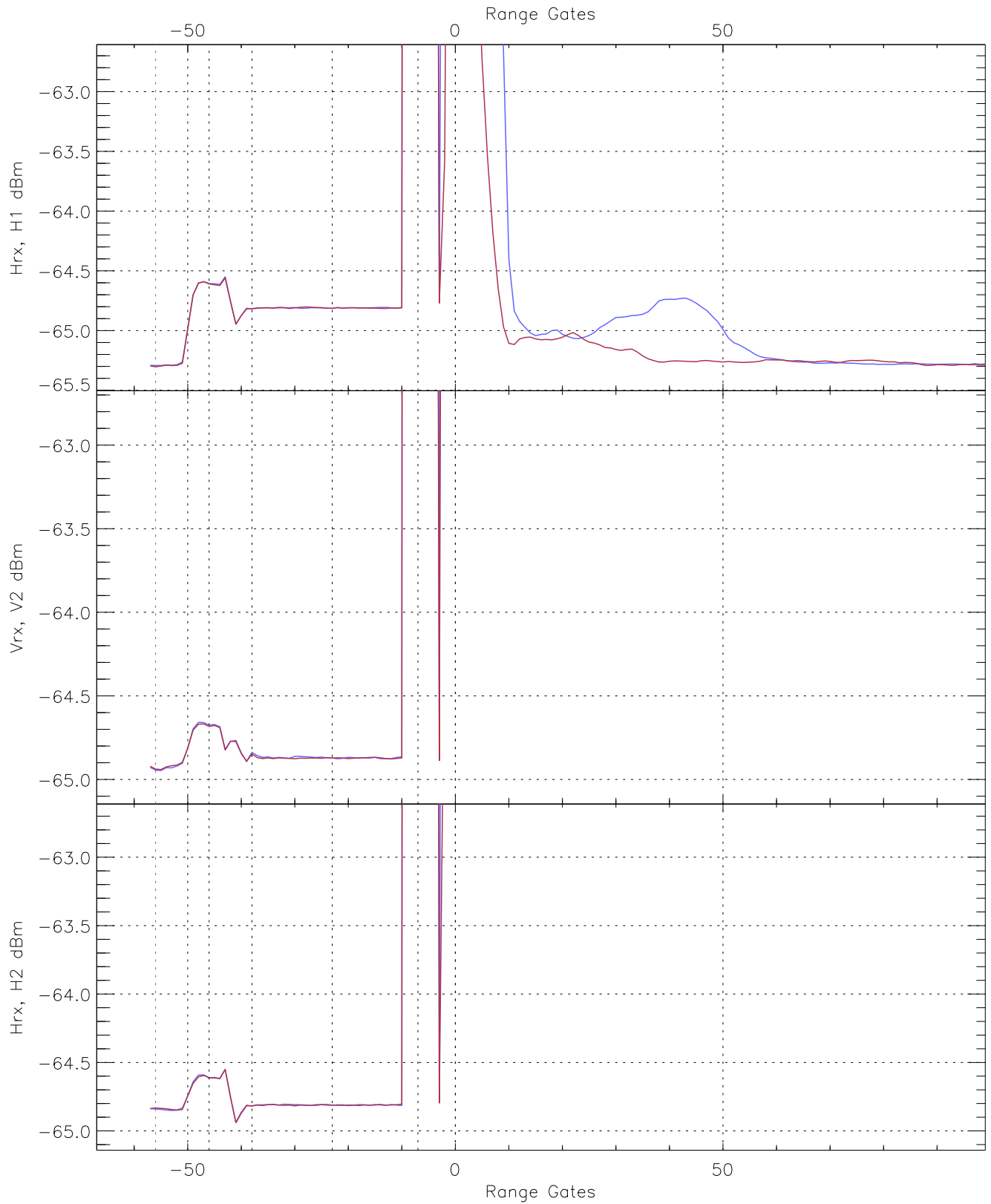


WCR3 CPP "Best" estimate Receivers Noise Power

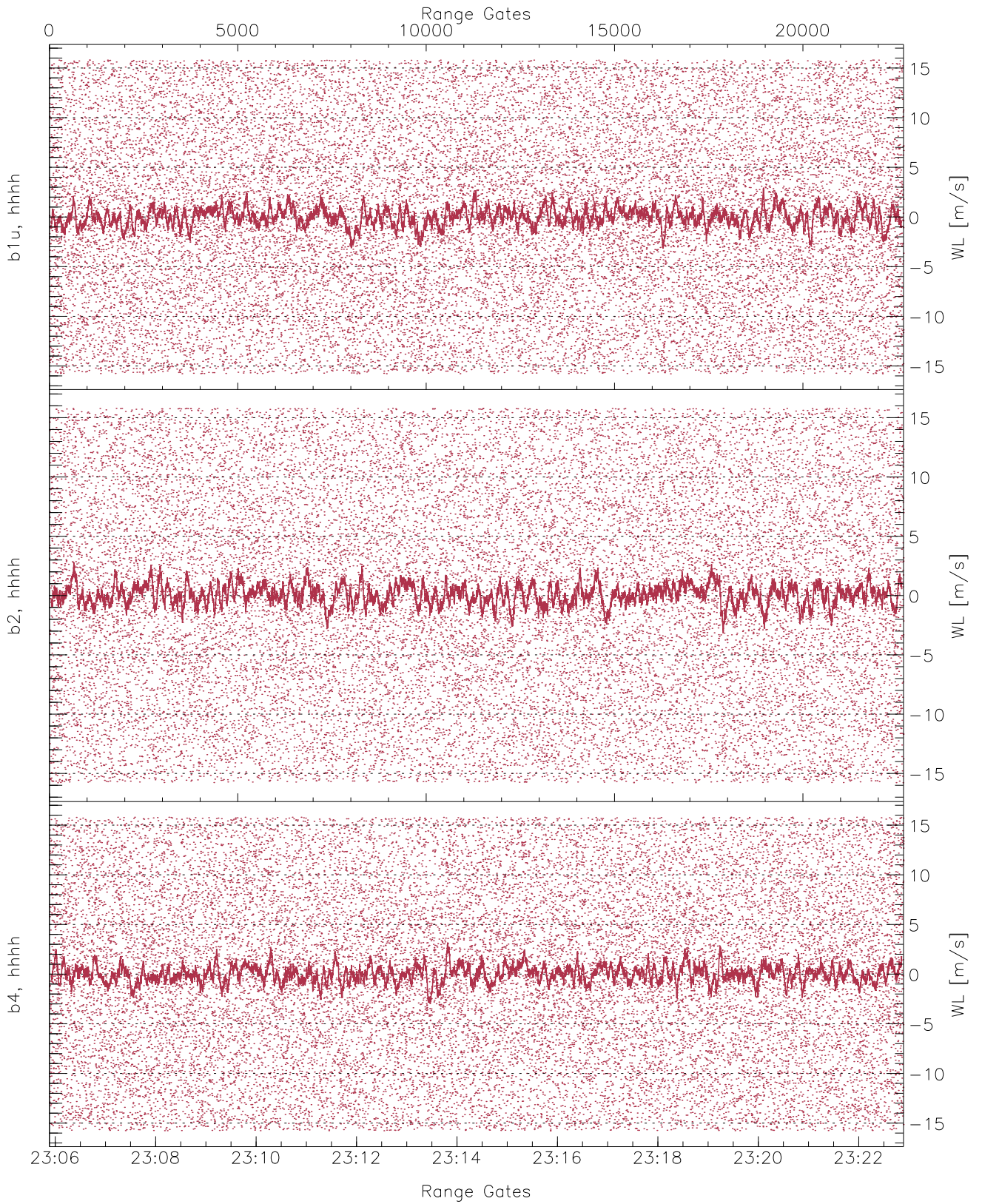
	Min	Max	Mean	Median	StDev
H1RG321_0 [dBm]	-66.80	-64.28	-65.30	-65.31	-76.81
V2RG227_0 [dBm]	-66.17	-63.81	-64.94	-64.95	-76.45
H2RG342_0 [dBm]	-66.12	-63.75	-64.86	-64.86	-76.36



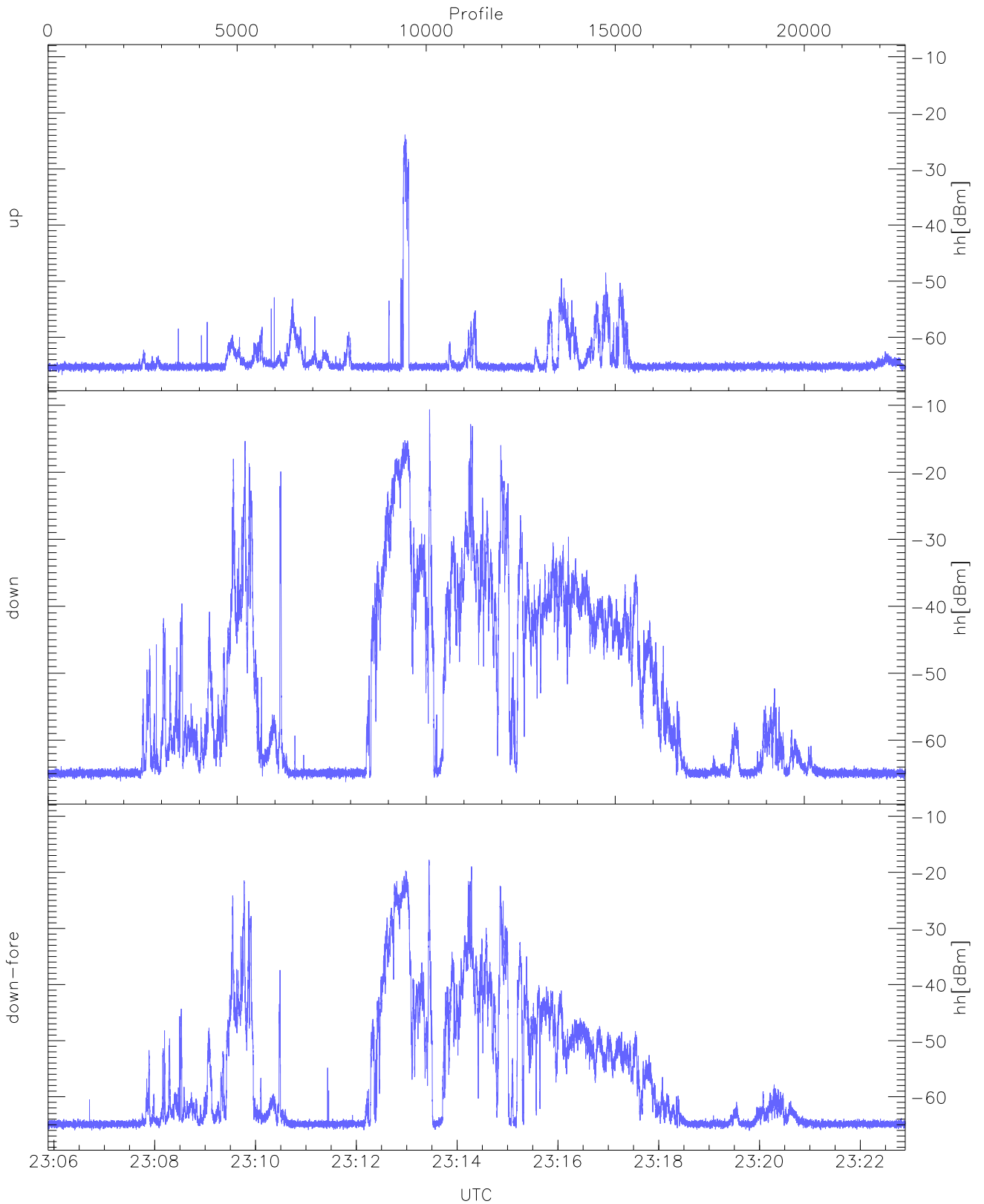
WCR3 CPP Averaged Received power for all recorded gates
blue: 230553-231423, 11337 profiles averaged
red: 231423-232253, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 230553-231423, 11337 profiles averaged
red: 231423-232253, 11336 profiles averaged

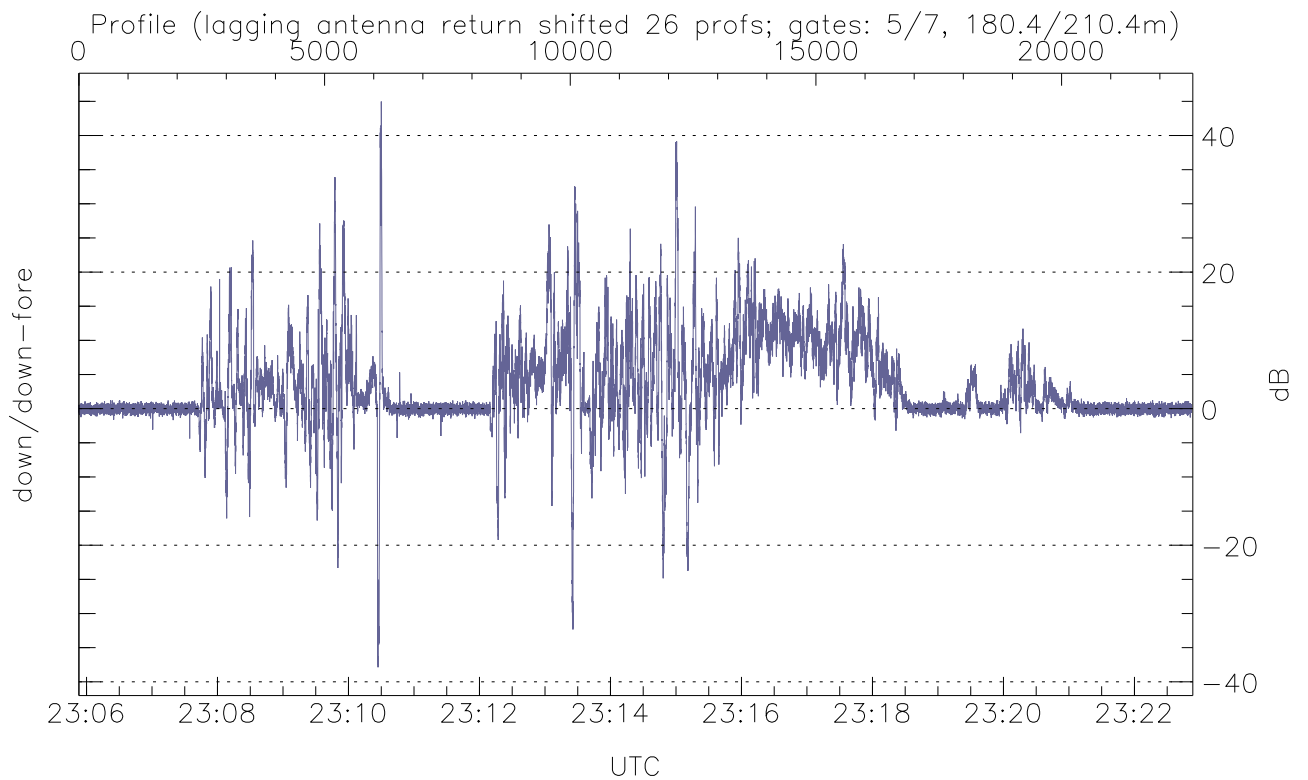
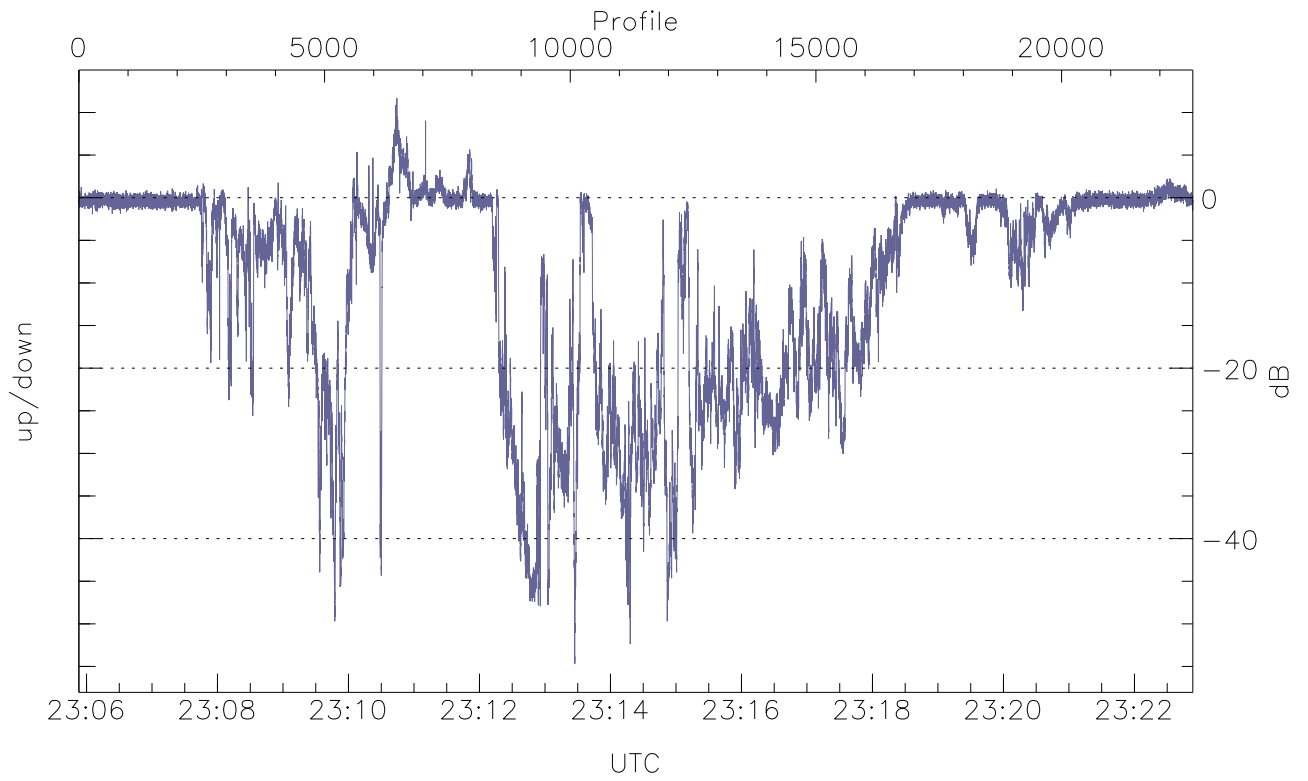


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



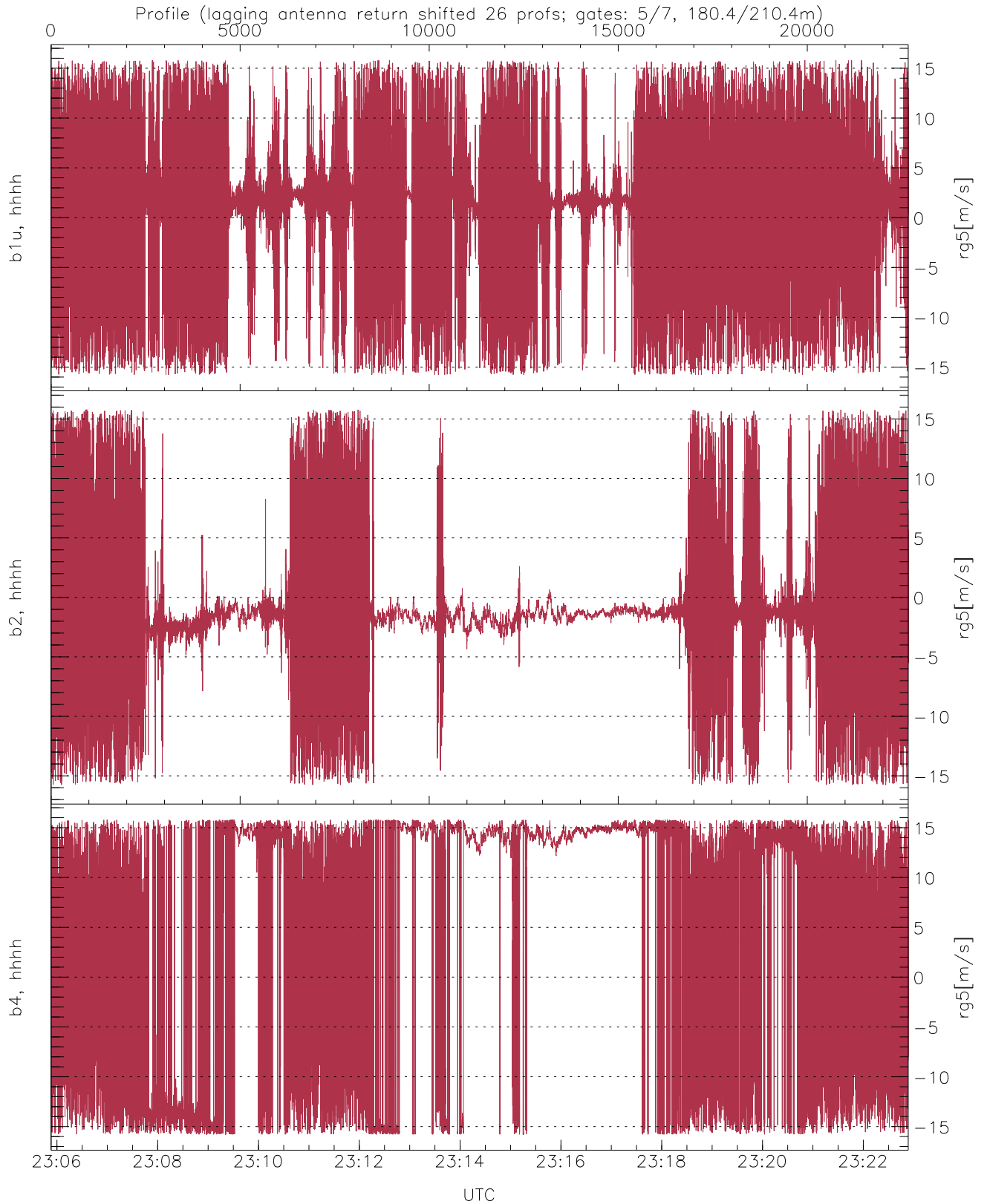
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.72	-23.91	-50.53
down(hh[dBm])	-66.22	-10.63	-33.01
down-fore(hh[dBm])	-66.04	-17.79	-38.52



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

	Min	Max	Mean
up/down (dB)	-54.72	11.66	-10.07
down/down-fore (dB)	-37.87	44.98	3.28



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.56	6.99
b2, hhhh(rg5[m/s])	-15.77	15.79	-1.01	5.23
b4, hhhh(rg5[m/s])	-15.79	15.79	4.70	11.53