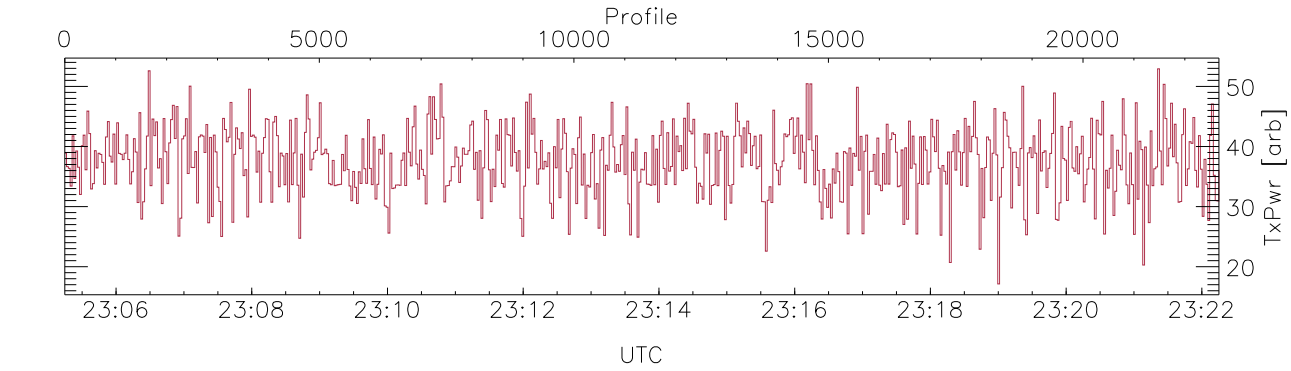
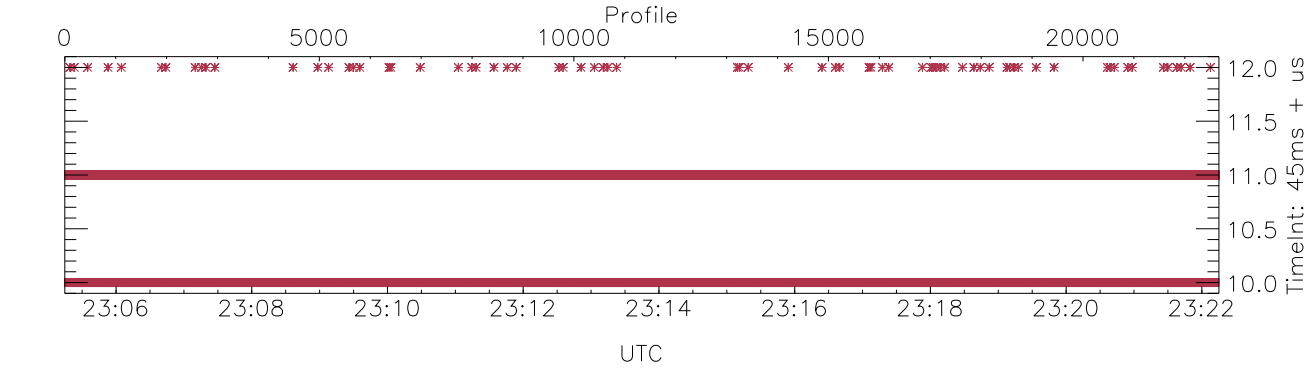
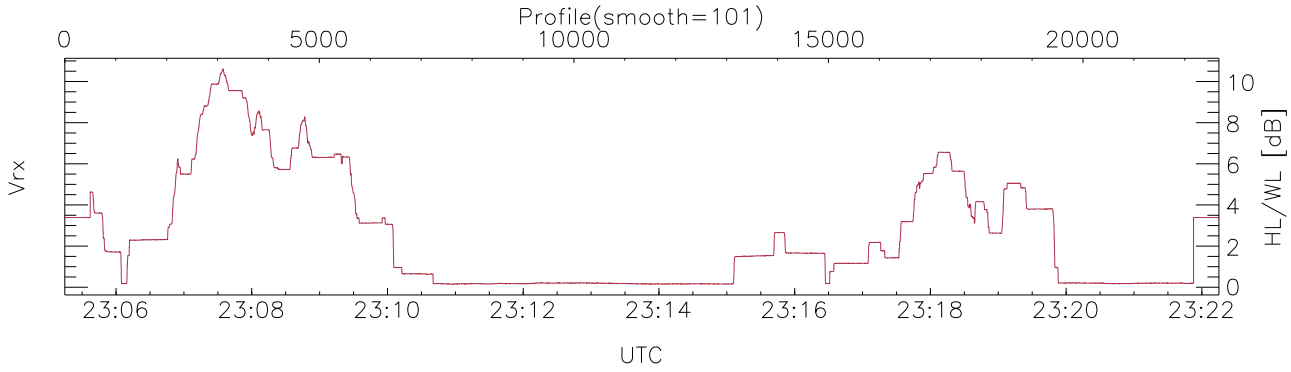
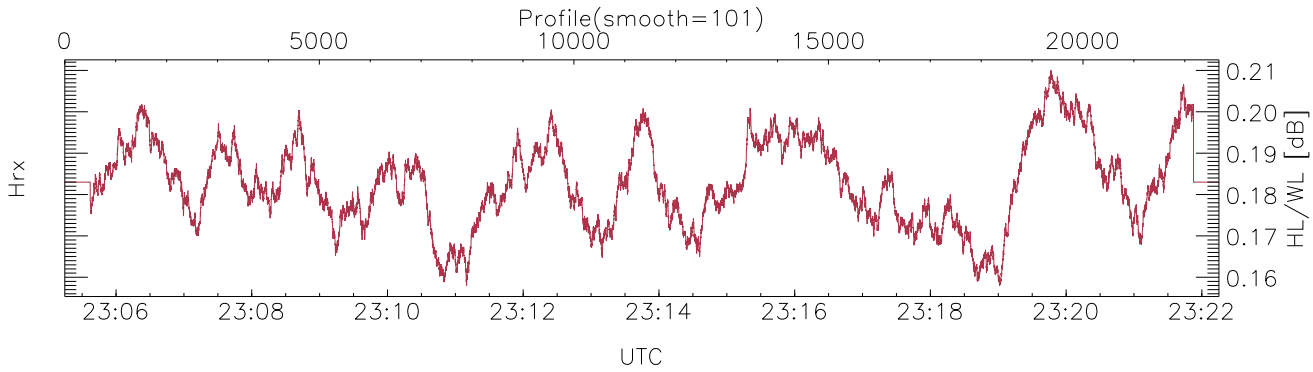


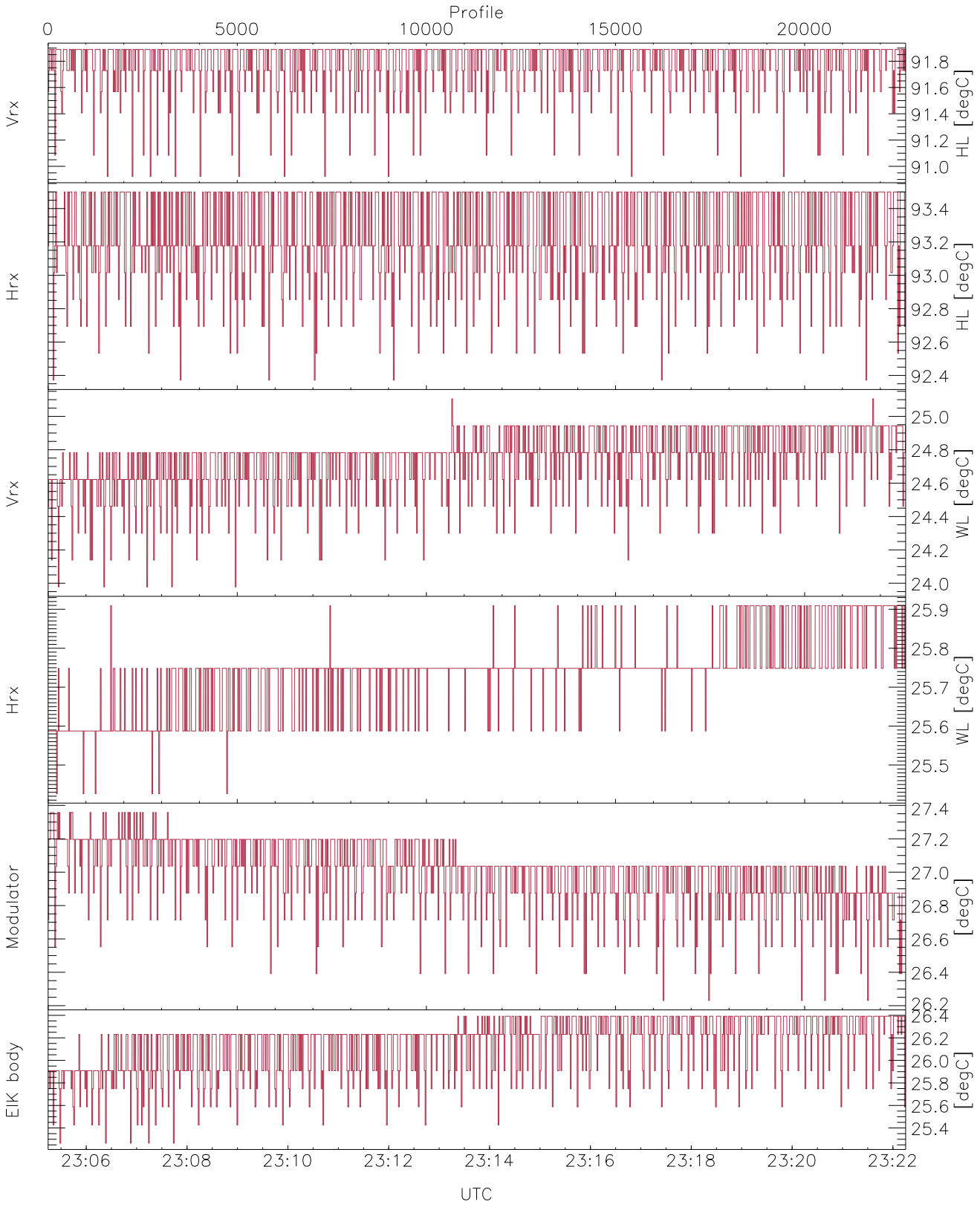






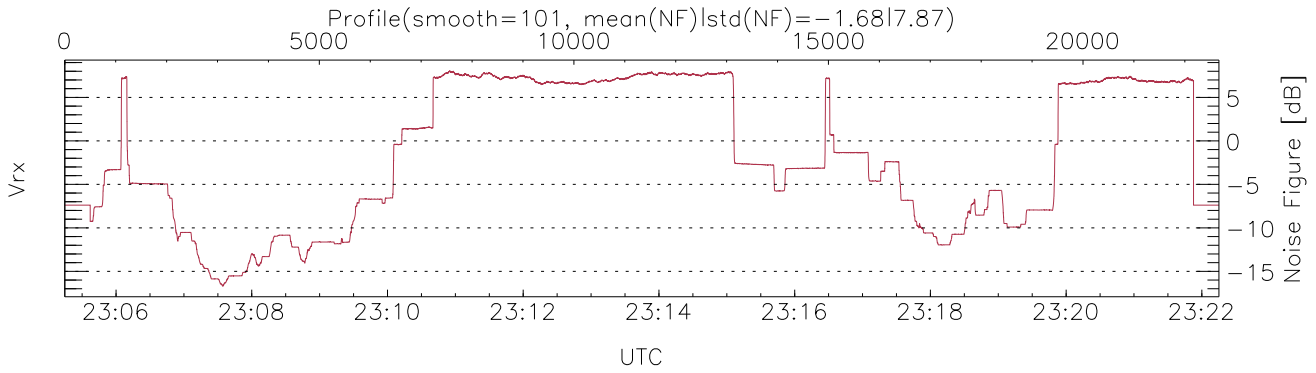
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

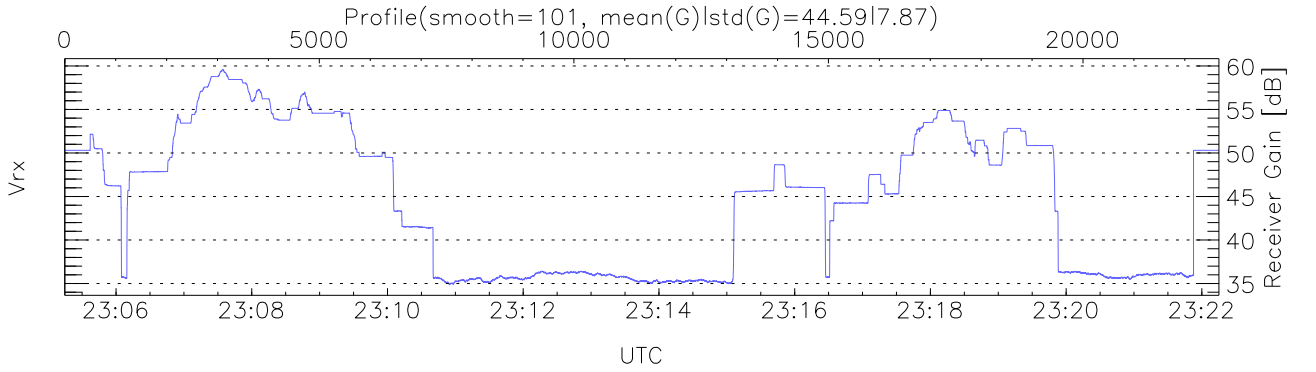
UTC: 23:05:15-23:22:15, TimeCor: 0.00s, Dur: 1020.45s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 22672/22672, 0-22671/23:05:15-23:22:15
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: 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,rgs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
Mirror(-9|0|1|2,3,9x = no mirror|sideluperror): 1

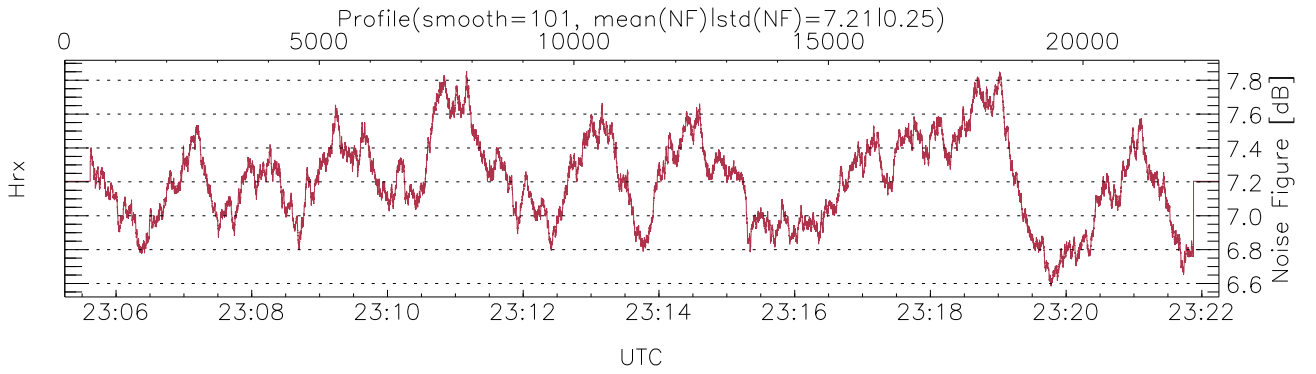


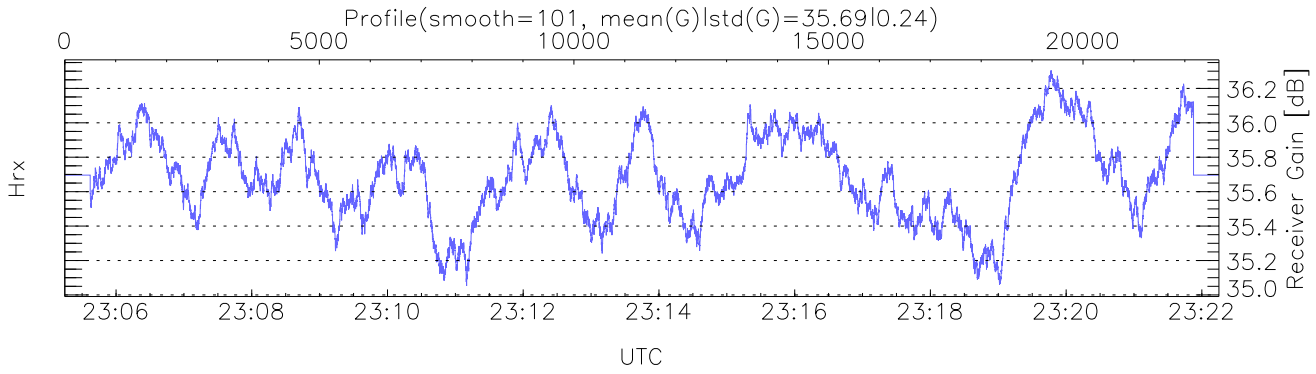
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,23,25,26,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,25,25,27,26
LOalarm(20,240,2817,14861 MHz): 0,0,22,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (24,24,24,47,47,24)



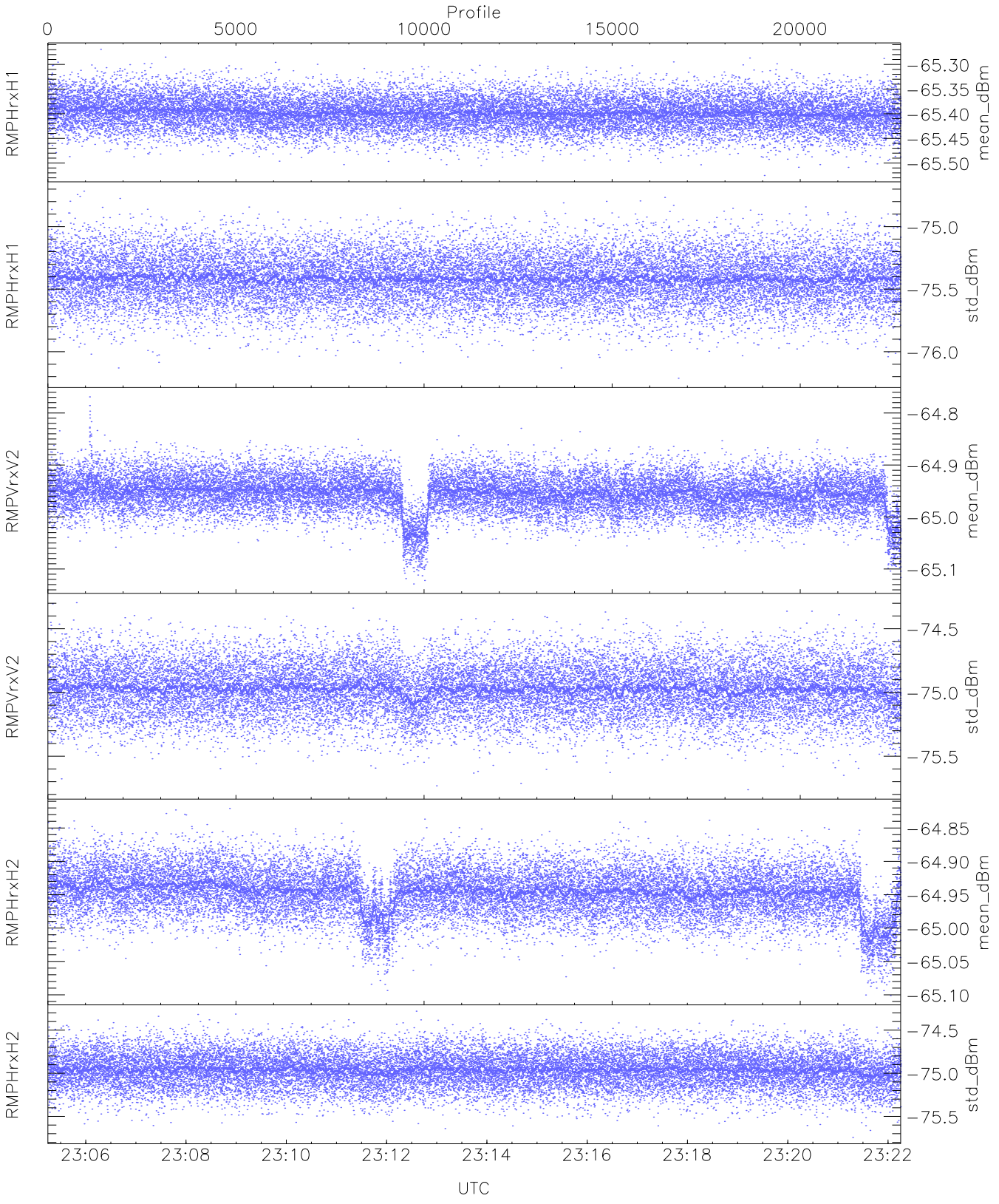






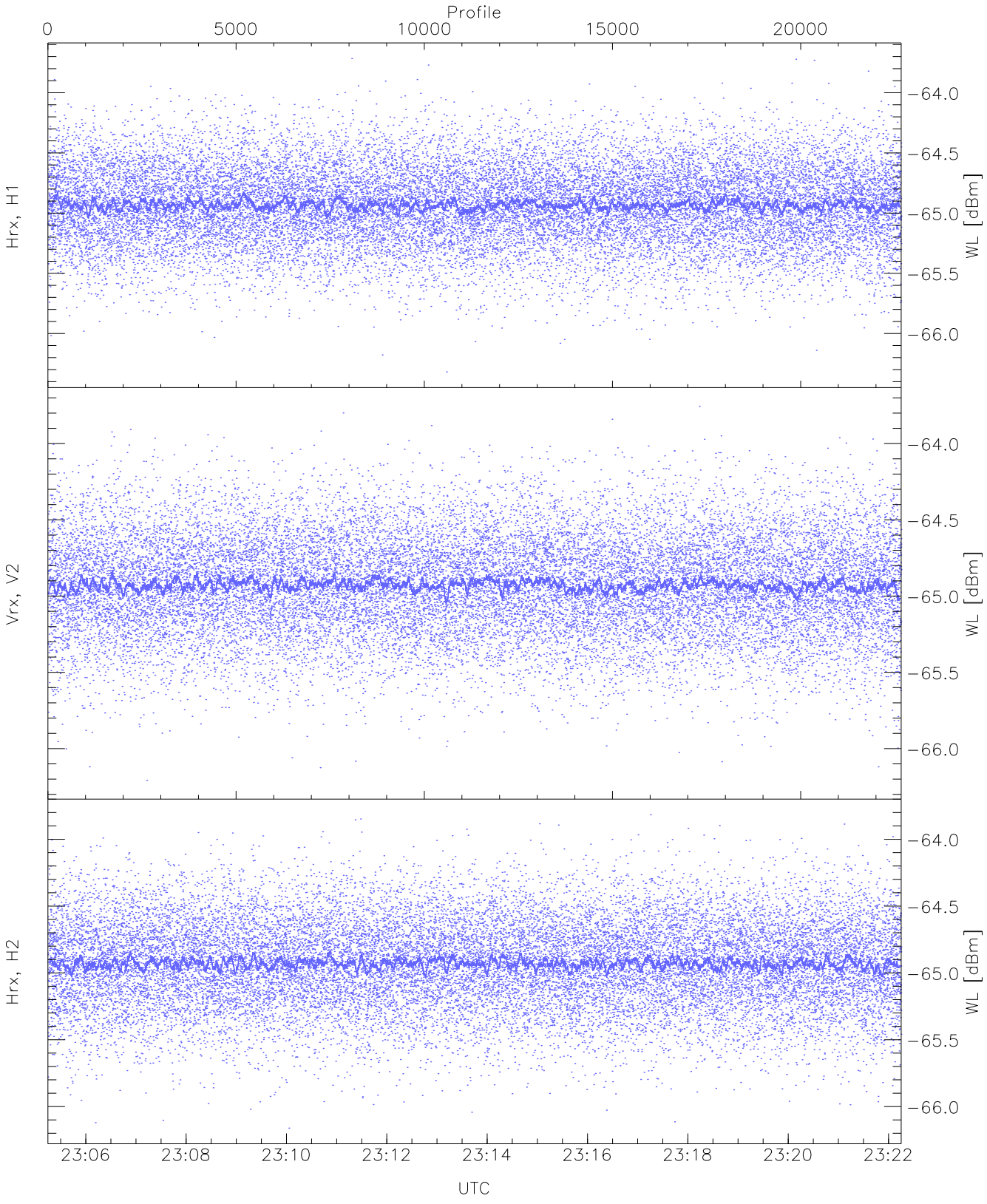
WCR3 CPP Receivers Gain and Noise Figure

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



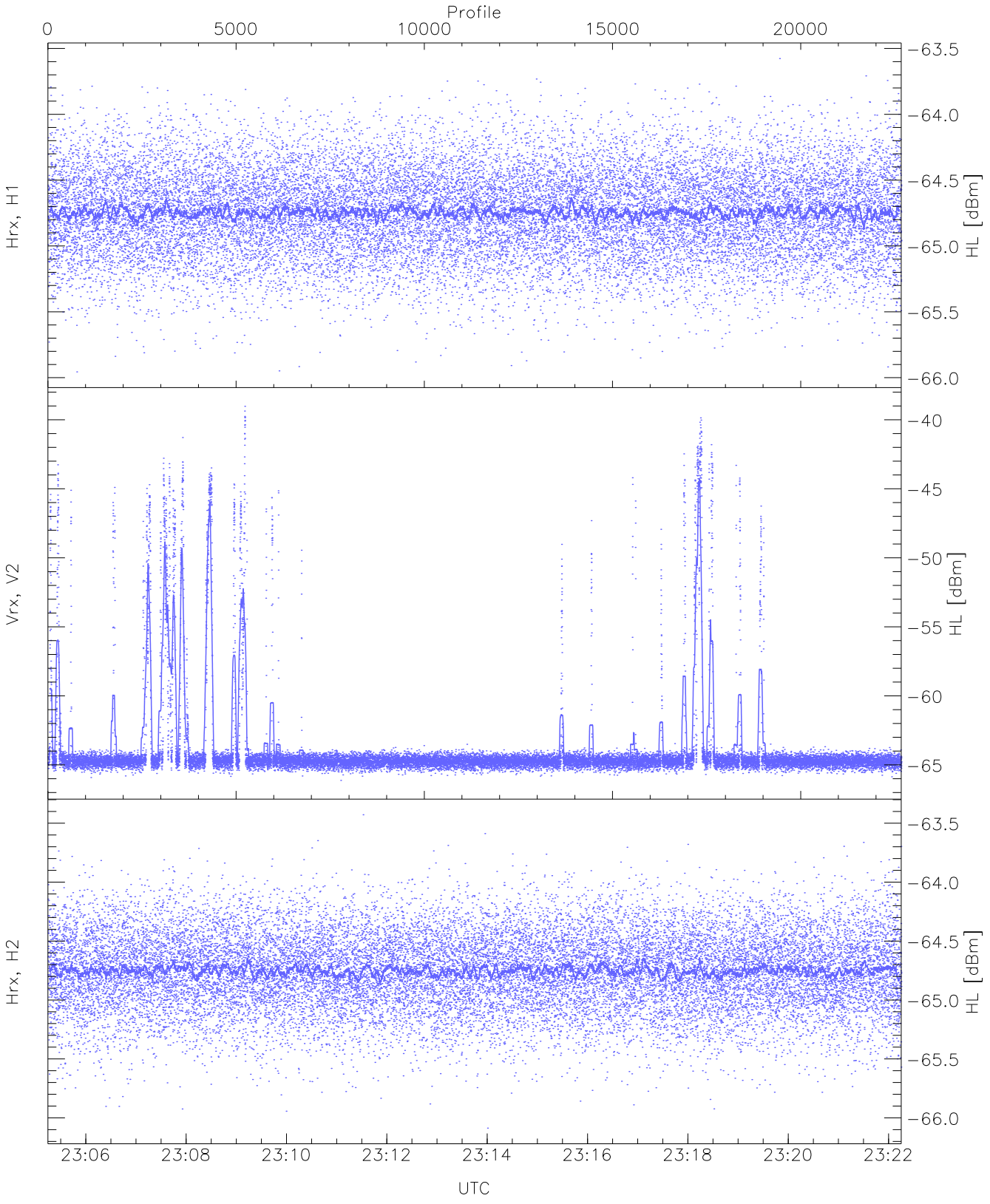
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.53	-65.27	-65.40	-65.40	-86.99
RMPHrxH1(std_dBm)	-76.21	-74.72	-75.41	-75.42	-89.21
RMPVrxV2(mean_dBm)	-65.13	-64.77	-64.96	-64.95	-85.85
RMPVrxV2(std_dBm)	-75.76	-74.30	-74.97	-74.97	-88.73
RMPHrxH2(mean_dBm)	-65.10	-64.82	-64.95	-64.95	-85.99
RMPHrxH2(std_dBm)	-75.74	-74.28	-74.96	-74.96	-88.73



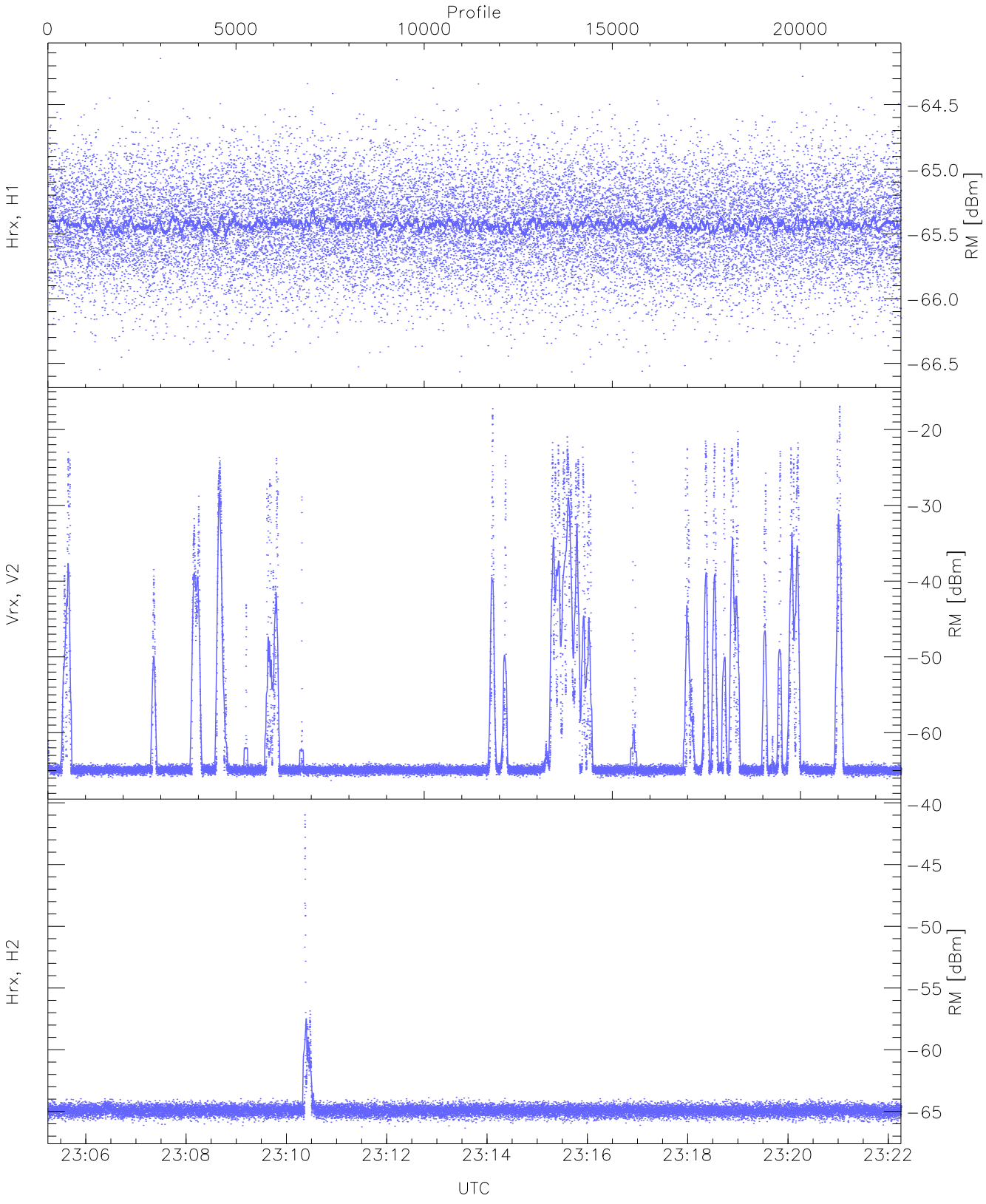
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.32	-63.72	-64.93	-64.93	-76.40
Vrx, V2(WL [dBm])	-66.21	-63.76	-64.92	-64.93	-76.44
Hrx, H2(WL [dBm])	-66.16	-63.82	-64.92	-64.93	-76.40



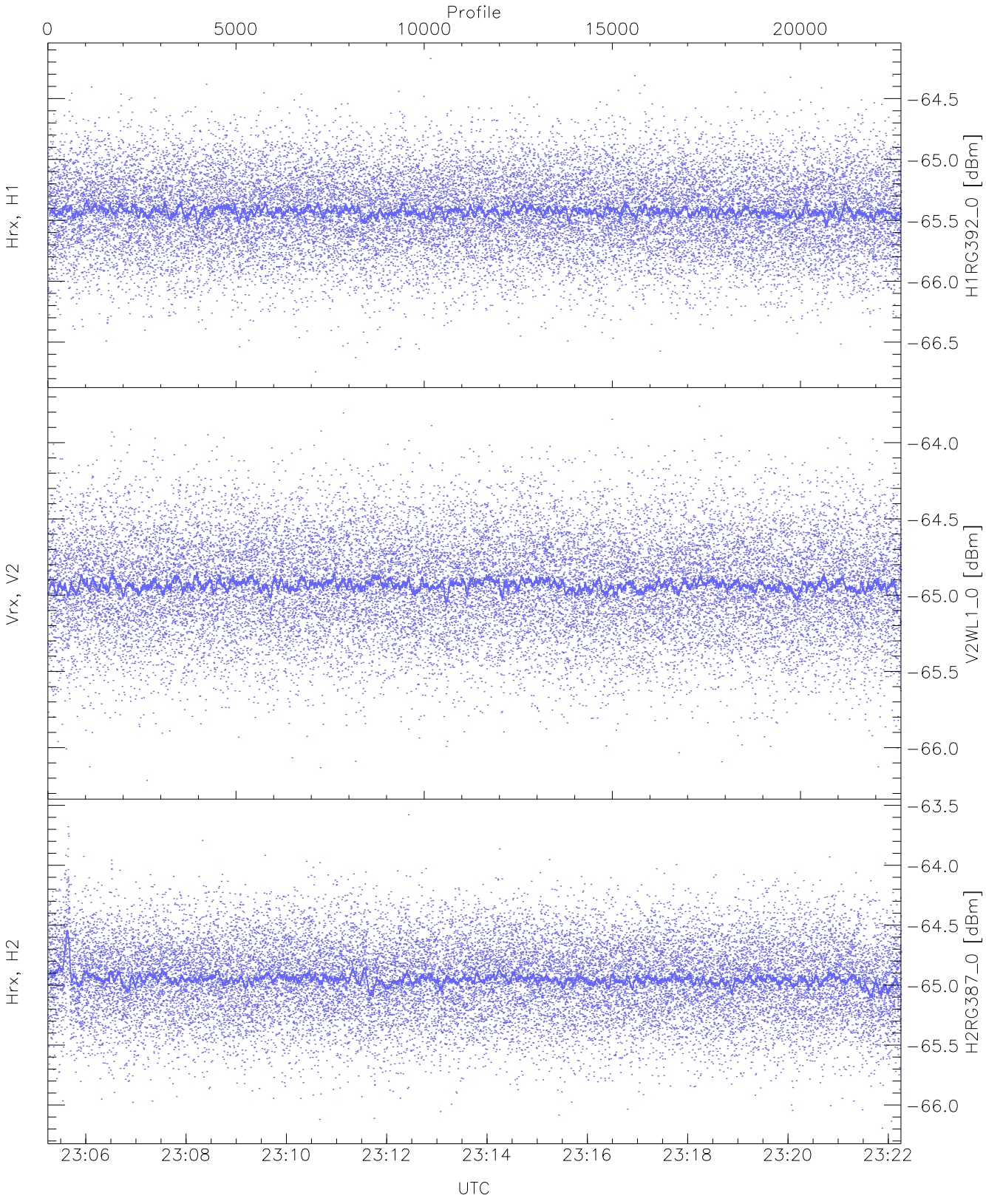
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.96	-63.58	-64.74	-64.74	-76.21
Vrx, V2(HL [dBm])	-66.12	-39.02	-58.31	-64.69	-52.15
Hrx, H2(HL [dBm])	-66.09	-63.43	-64.74	-64.75	-76.23



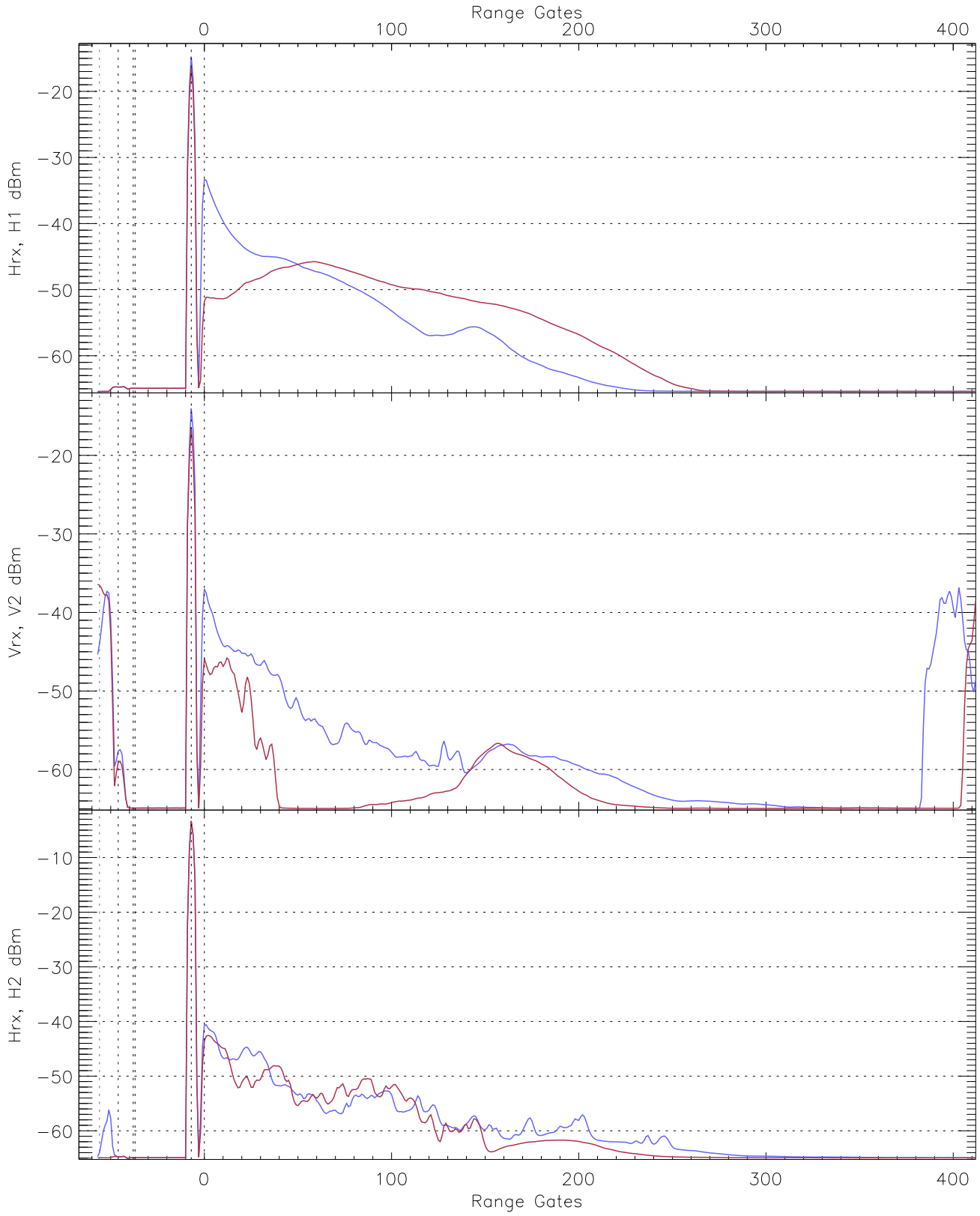
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.57	-64.14	-65.42	-65.43	-76.96
Vrx, V2(RM [dBm])	-66.30	-16.93	-38.83	-64.82	-31.20
Hrx, H2(RM [dBm])	-66.35	-40.97	-64.43	-64.93	-58.68

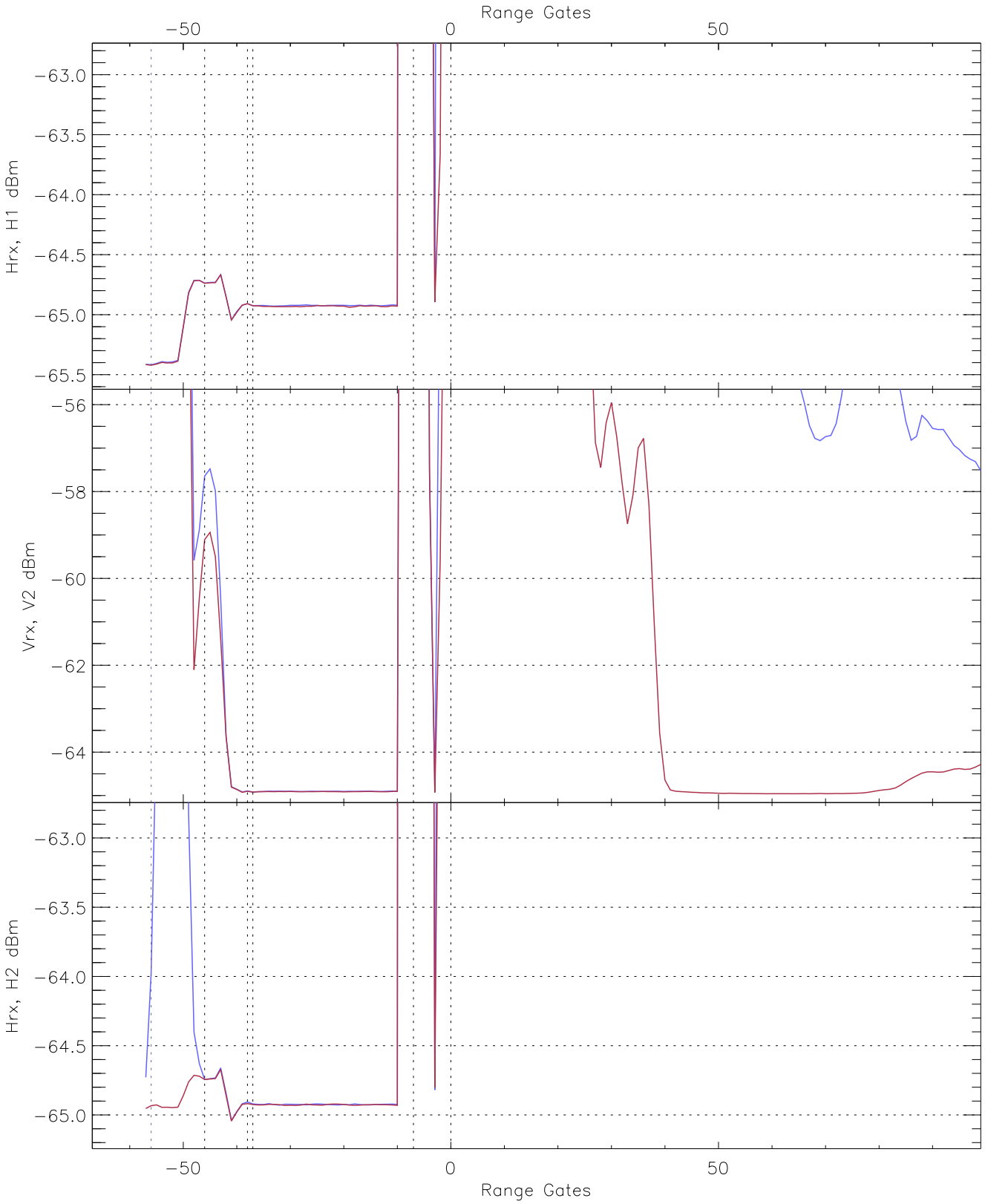


WCR3 CPP "Best" estimate Receivers Noise Power

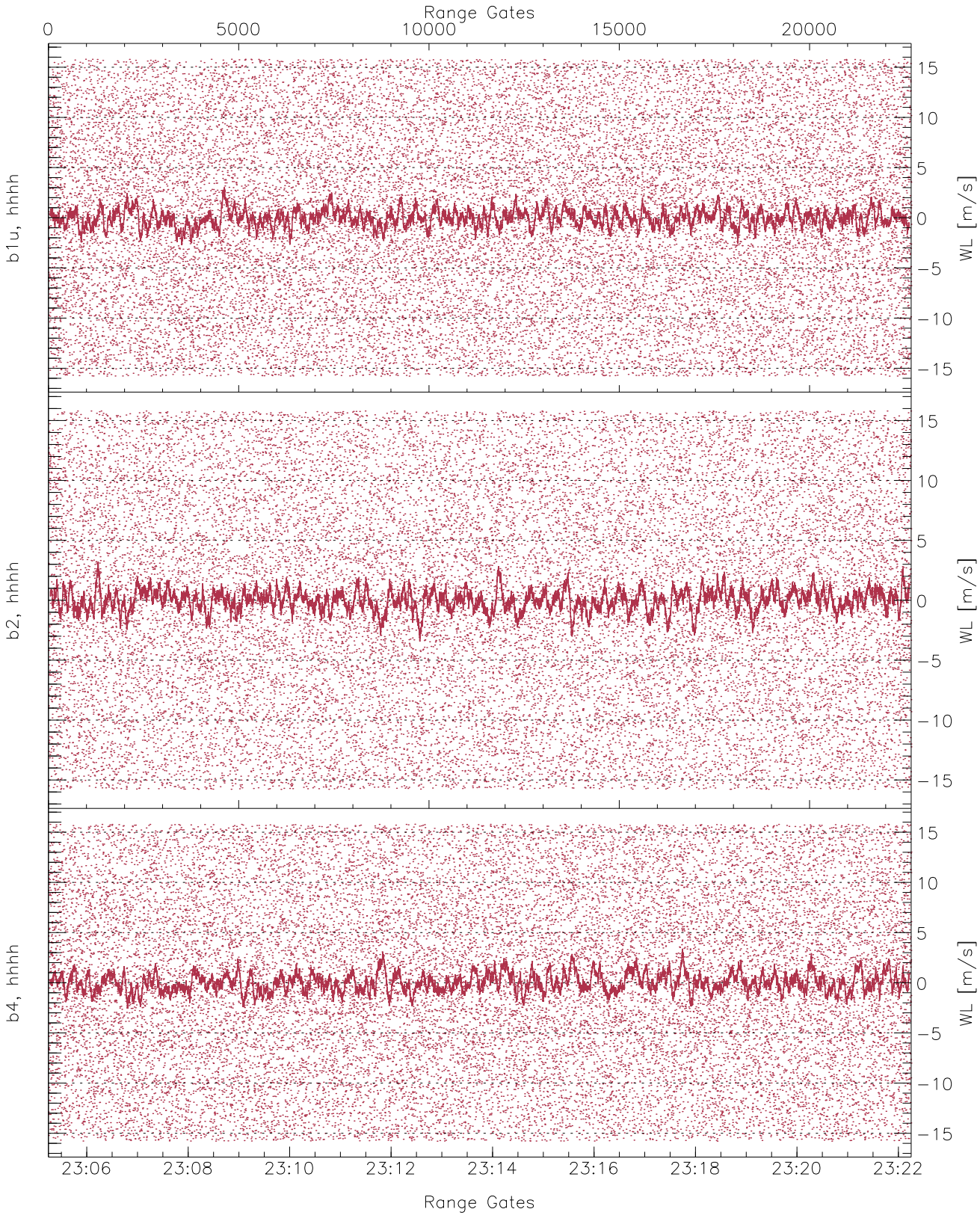
	Min	Max	Mean	Median	StDev
H1RG392_0 [dBm]	-66.74	-64.17	-65.42	-65.43	-76.92
V2WL1_0 [dBm]	-66.21	-63.76	-64.93	-64.94	-76.44
H2RG387_0 [dBm]	-66.19	-63.58	-64.94	-64.95	-76.42



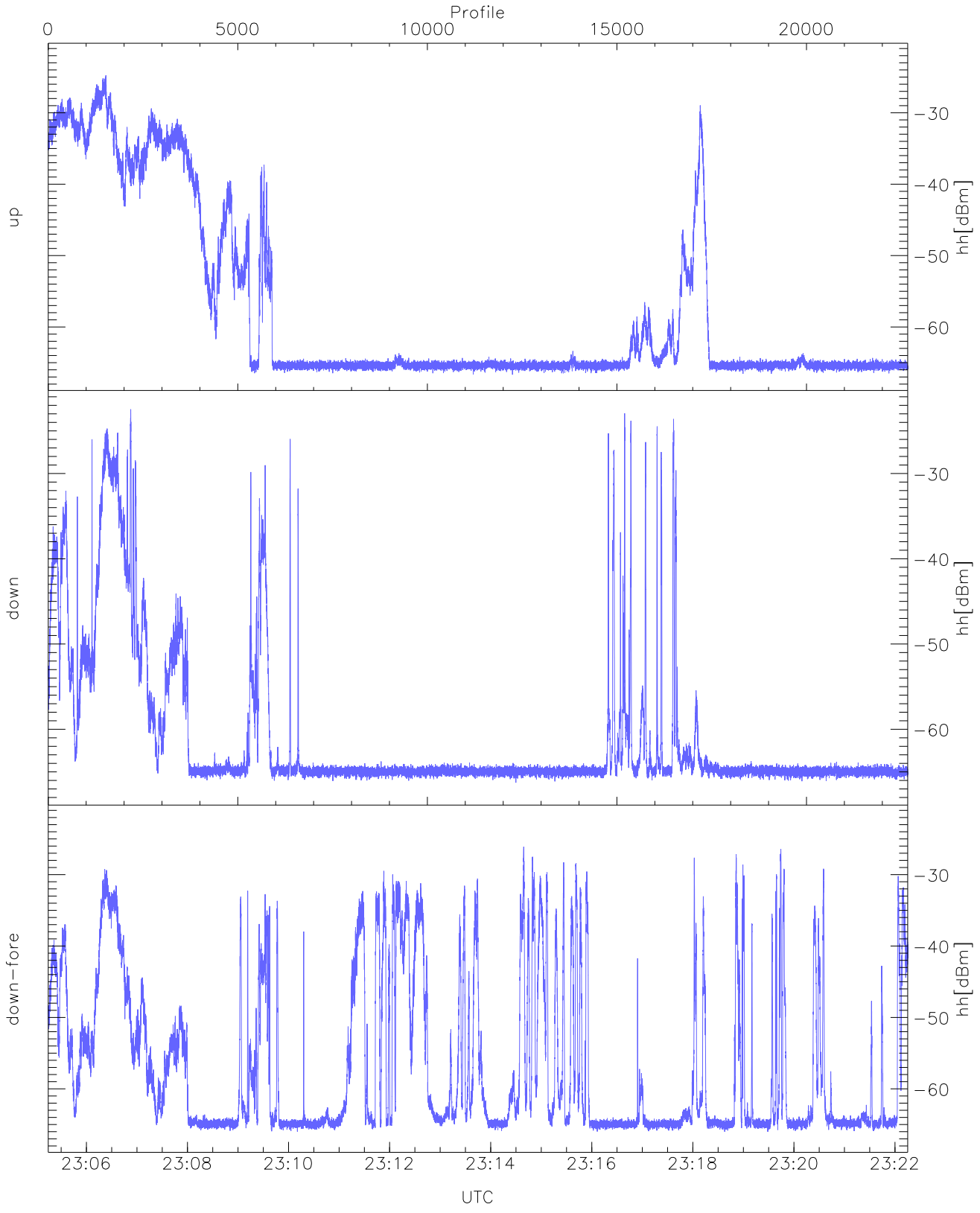
WCR3 CPP Averaged Received power for all recorded gates
blue: 230515-231345, 11337 profiles averaged
red: 231345-232215, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 230515-231345, 11337 profiles averaged
red: 231345-232215, 11336 profiles averaged

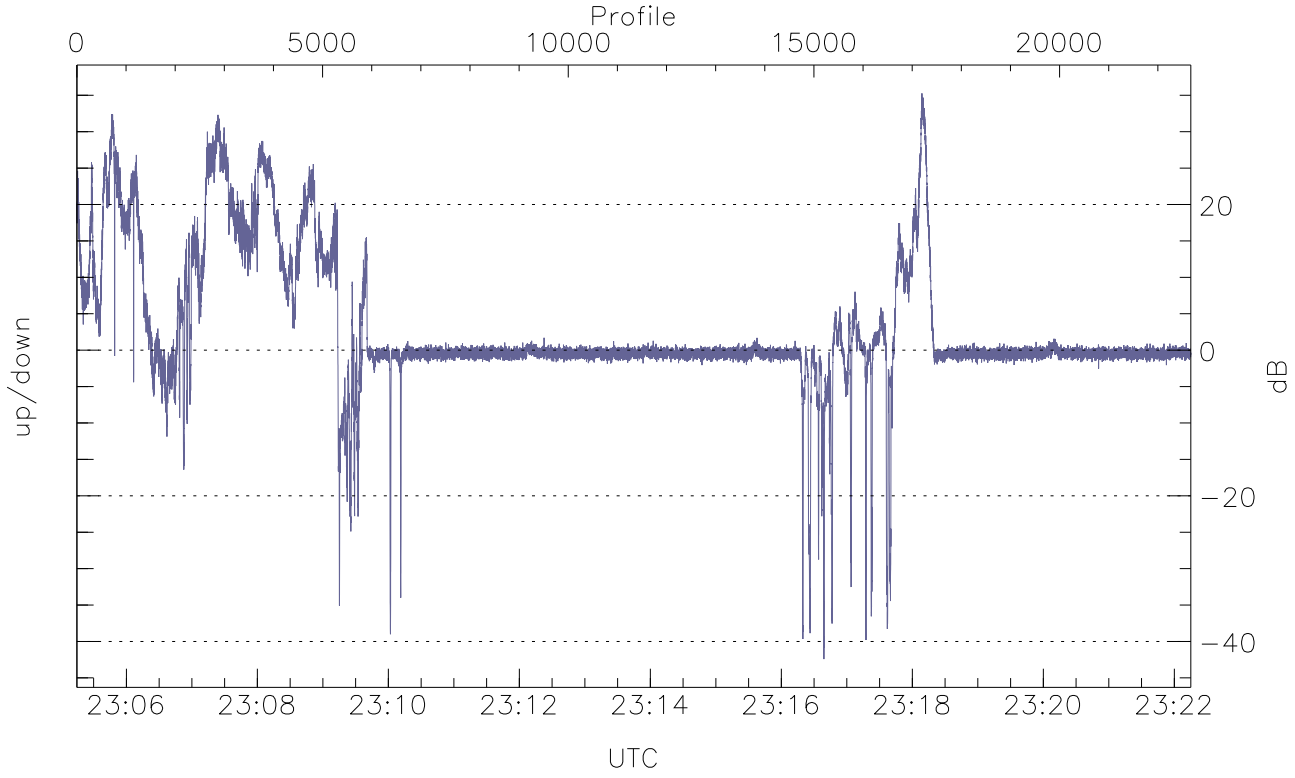


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



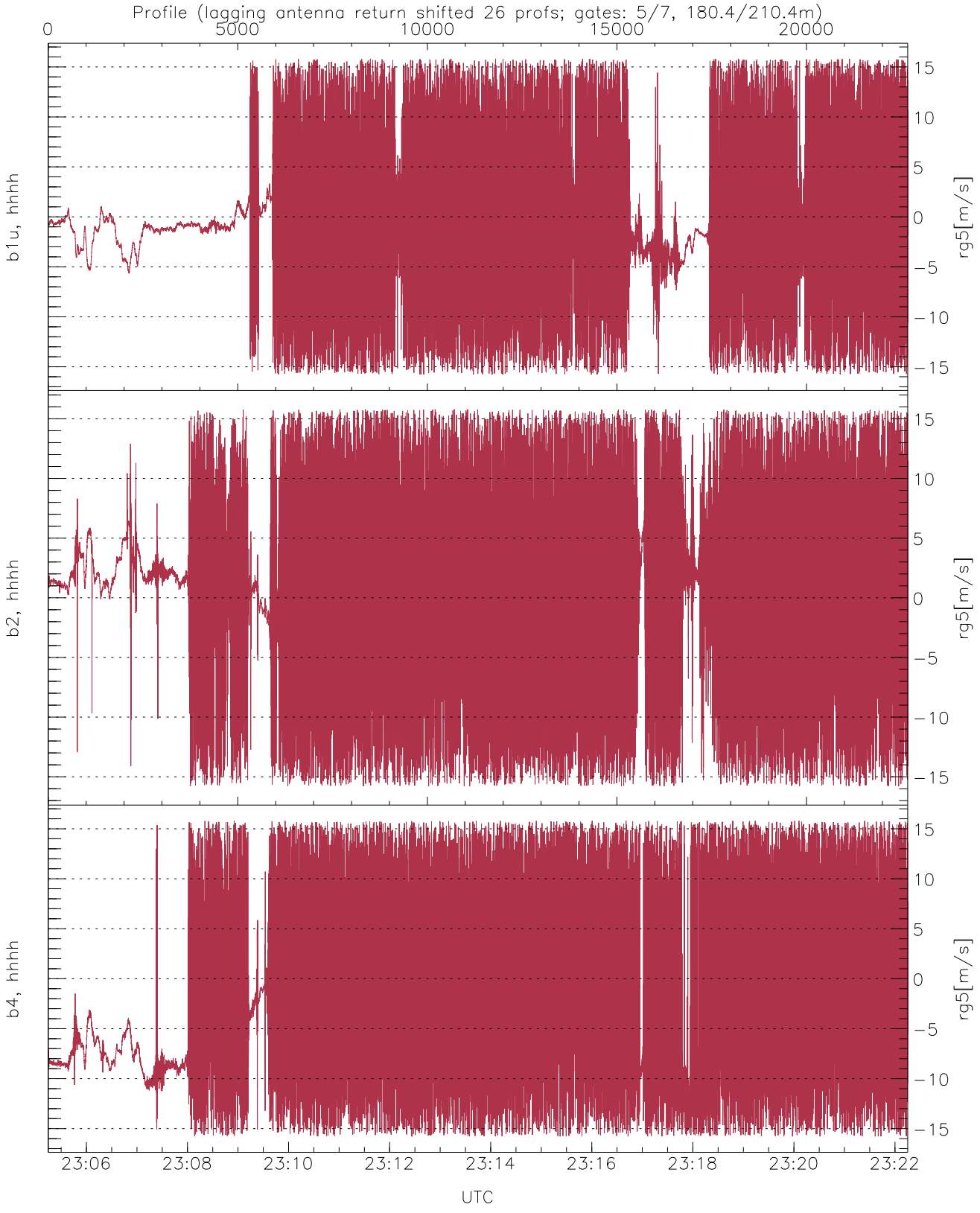
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.68	-24.77	-39.48
down(hh[dBm])	-66.27	-22.47	-42.81
down-fore(hh[dBm])	-66.01	-26.09	-42.64



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

	Min	Max	Mean
up/down(dB)	-42.42	35.27	3.05
down/down-fore(dB)	-39.69	42.14	-2.54



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	-0.63	6.96
b2, hhhh(rg5[m/s])	-15.78	15.79	0.54	7.58
b4, hhhh(rg5[m/s])	-15.79	15.79	-1.68	8.53