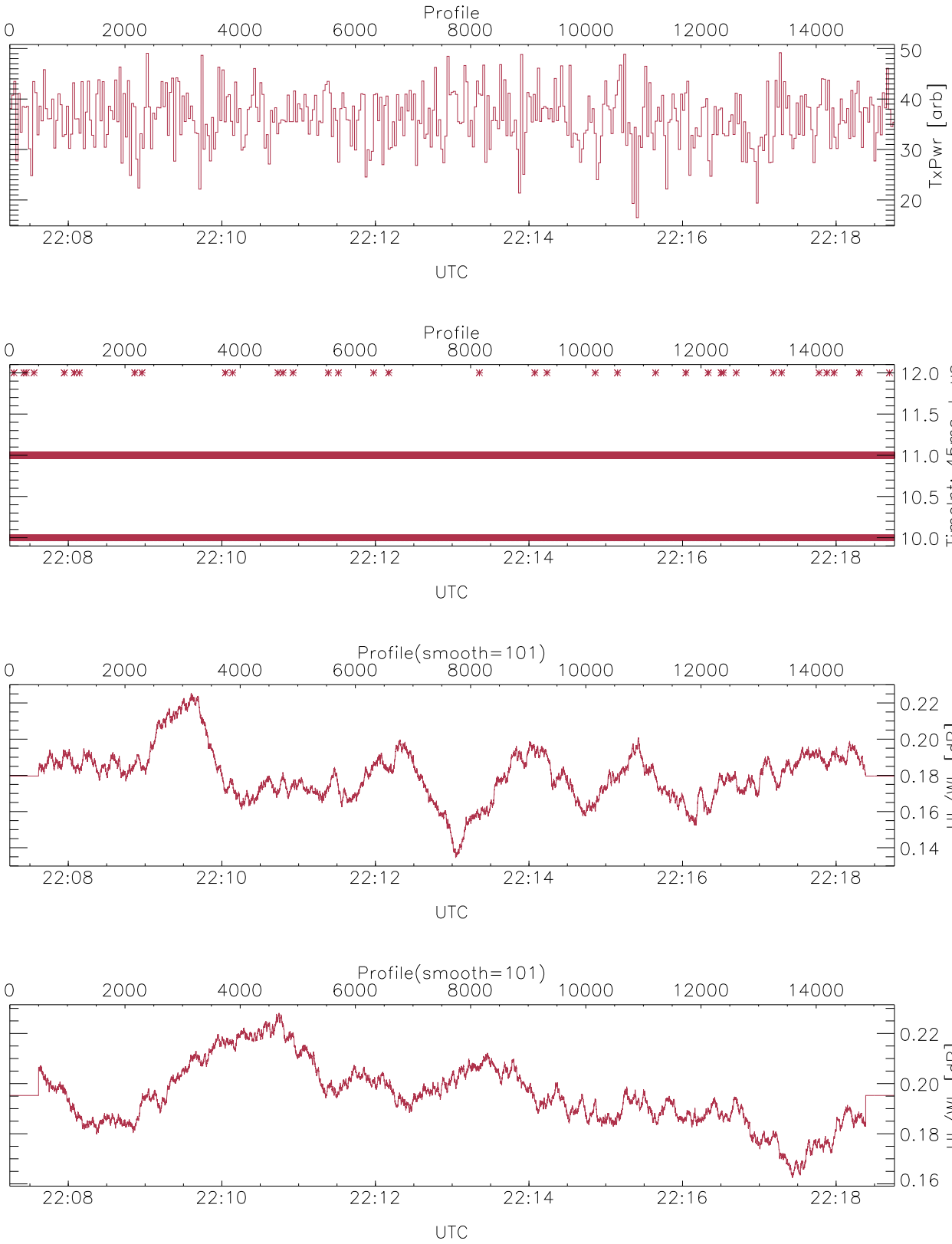
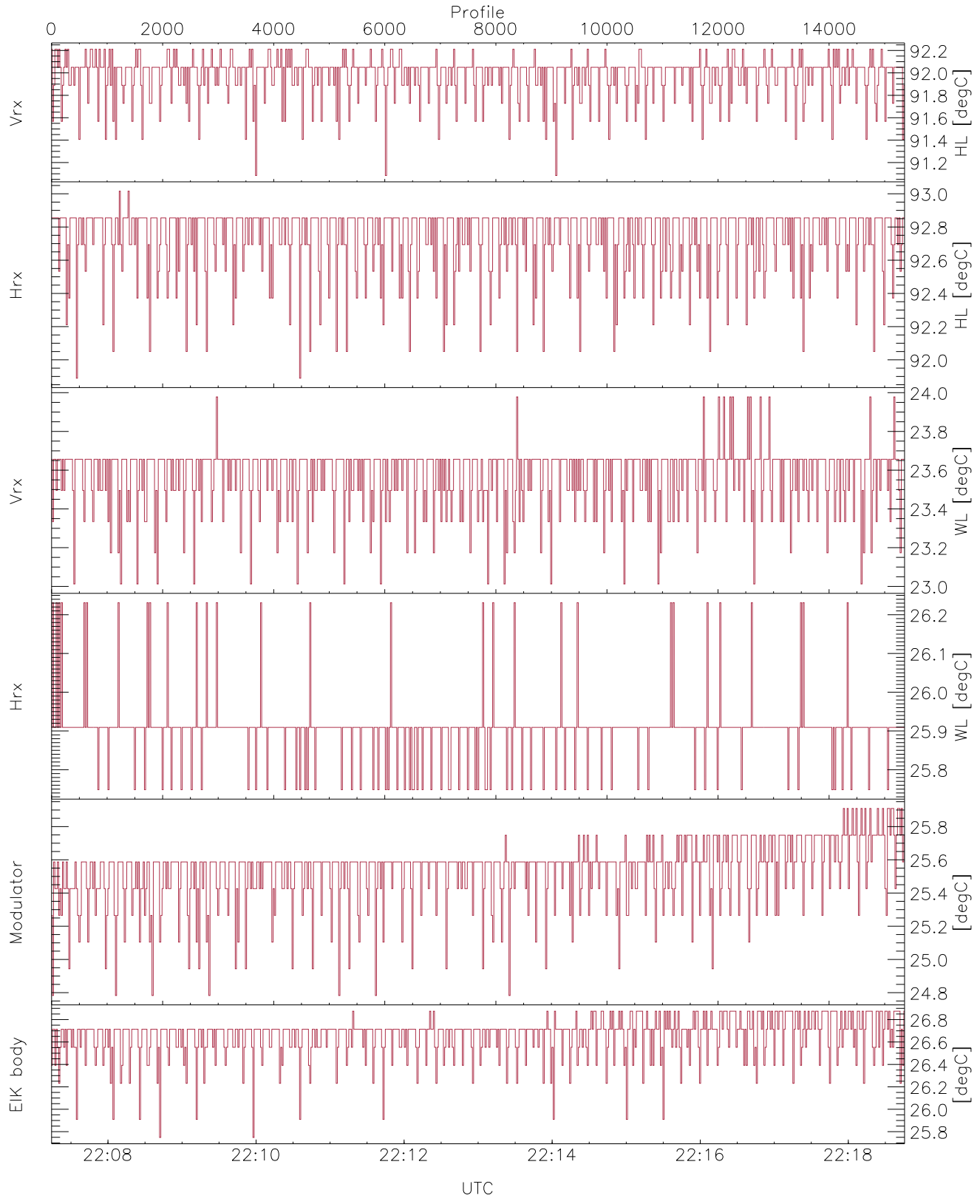


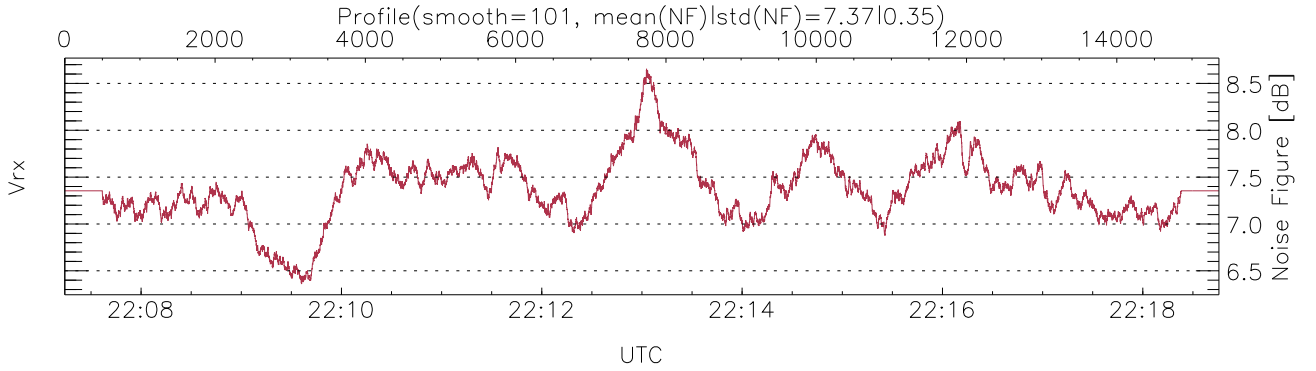
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

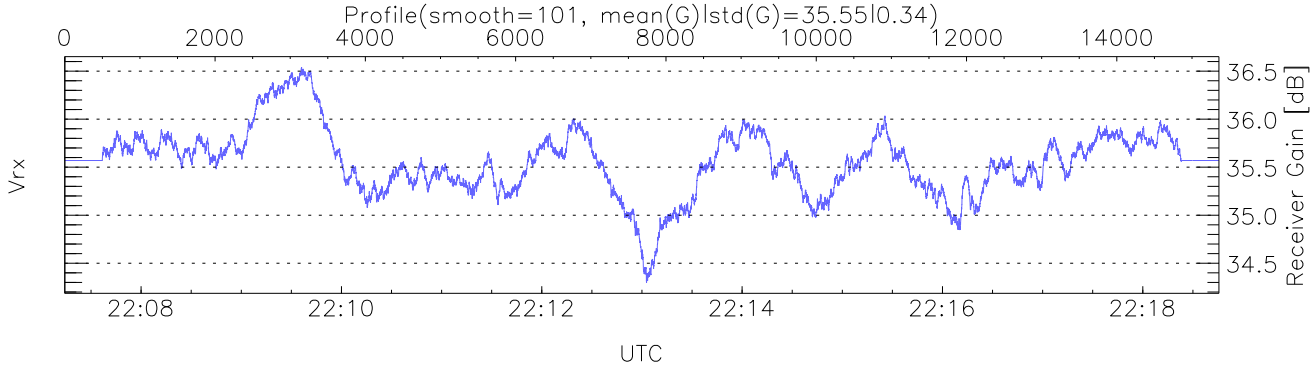
UTC: 22:07:14-22:18:46, TimeCor: 0.00s, Dur: 691.33s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 15360/15360, 0-15359/22:07:14-22:18:46
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: 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|sideluplerror): 1

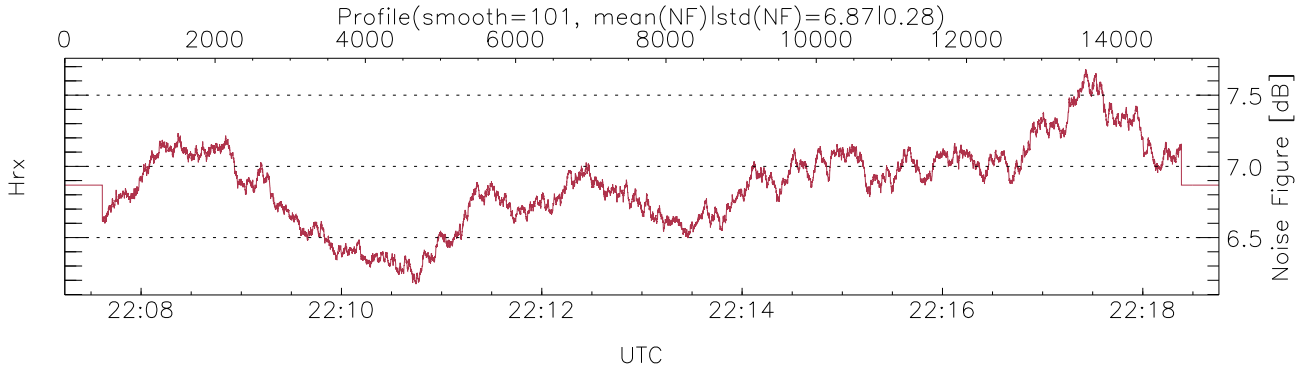


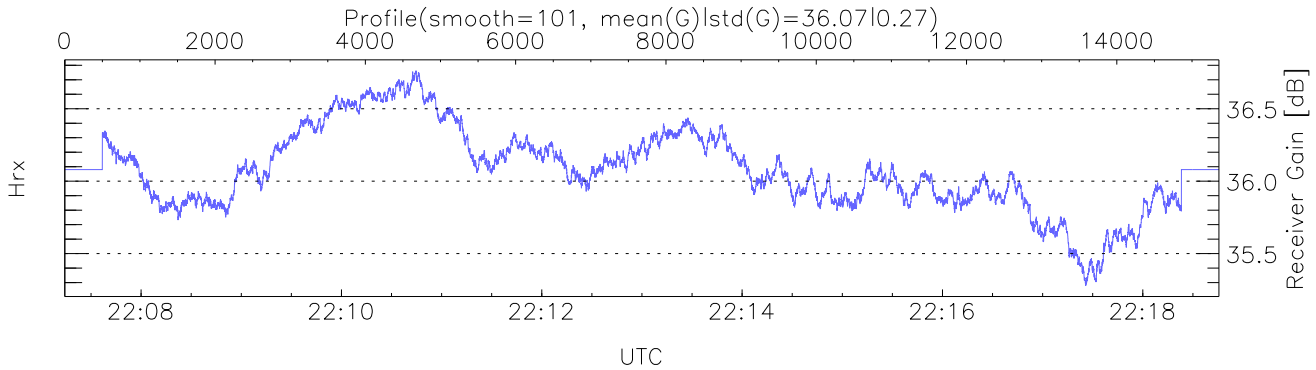
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,91,23,25,24,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,23,26,25,26
LOalarm(20,240,2817,14861 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,44,44,22,22)



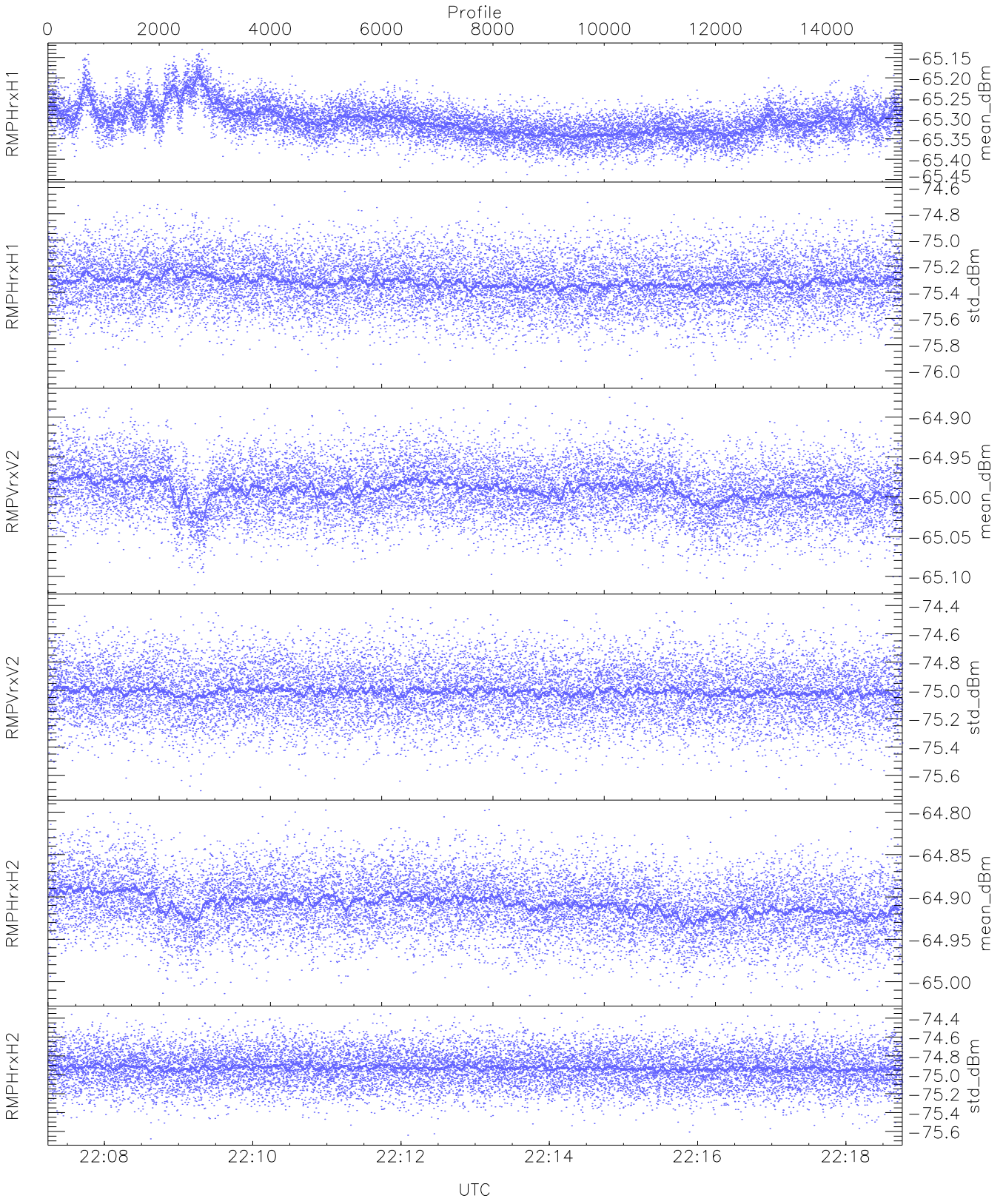






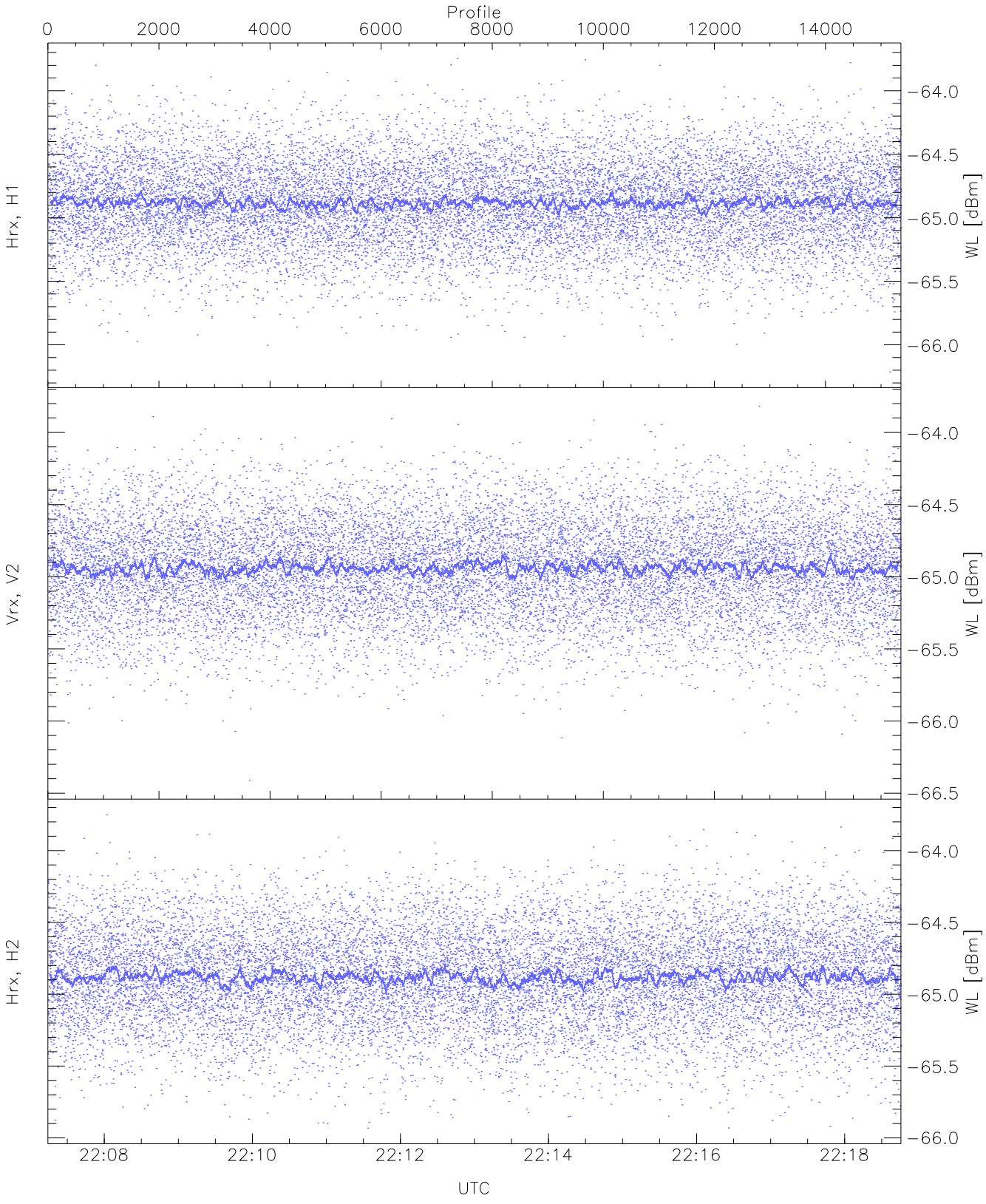
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 3 pixs, 1 gates, 3 profs, 1 prod(s)



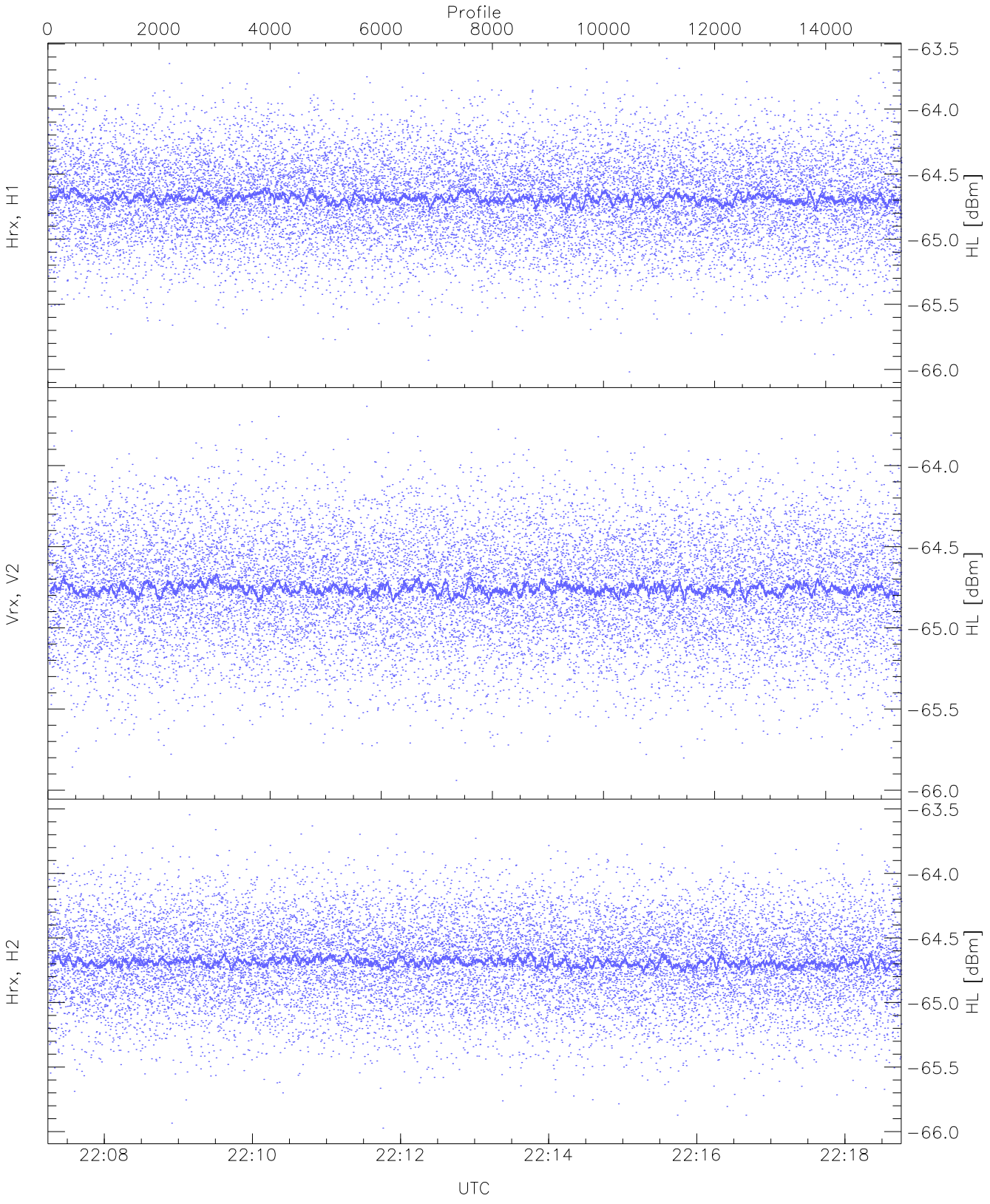
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.44	-65.13	-65.31	-65.31	-85.35
RMPHrxH1(std_dBm)	-76.06	-74.63	-75.32	-75.32	-89.07
RMPVrxV2(mean_dBm)	-65.11	-64.88	-64.99	-64.99	-86.39
RMPVrxV2(std_dBm)	-75.71	-74.39	-75.01	-75.01	-88.84
RMPHrxH2(mean_dBm)	-65.02	-64.80	-64.91	-64.91	-86.31
RMPHrxH2(std_dBm)	-75.68	-74.34	-74.93	-74.93	-88.72



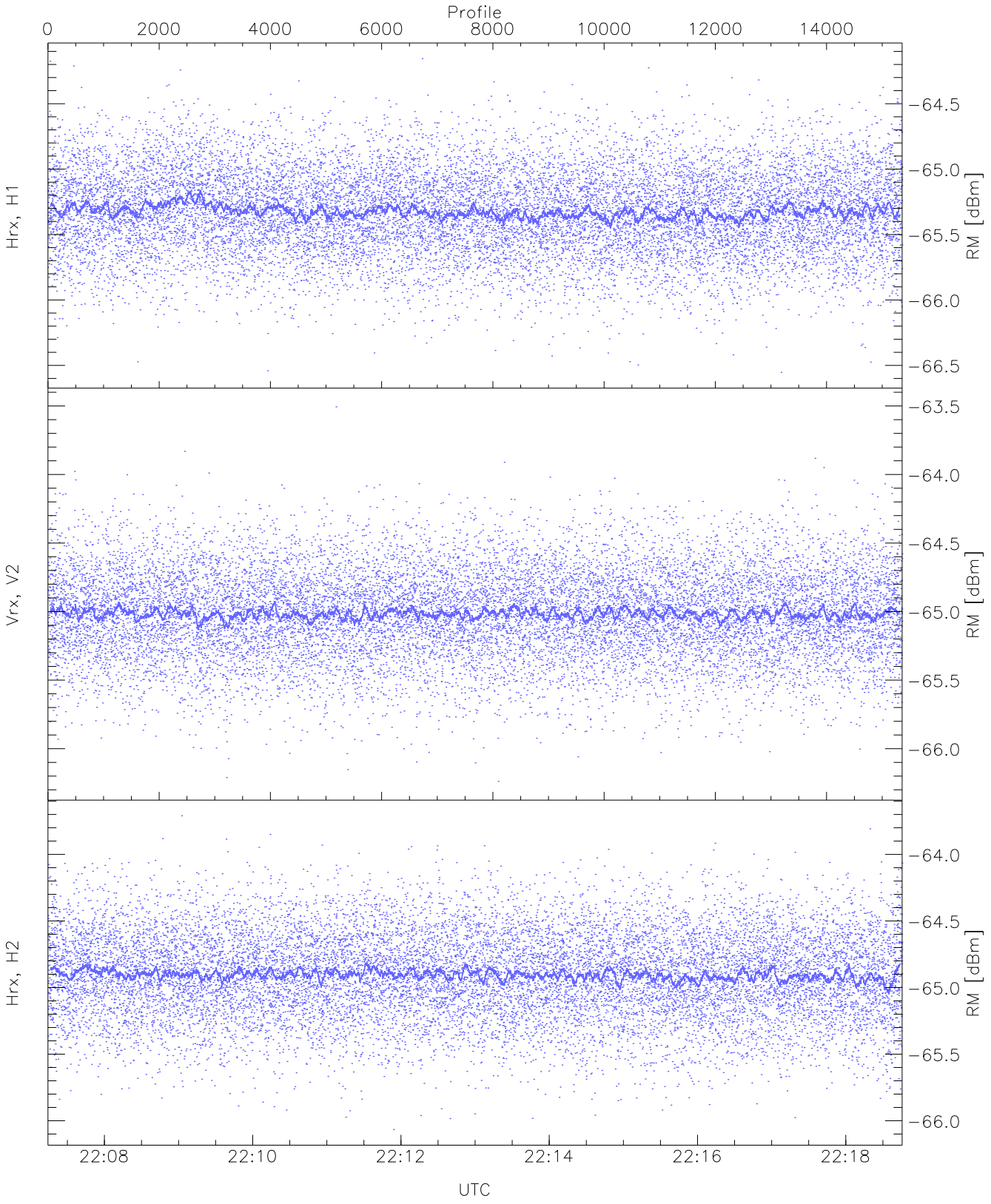
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.21	-63.75	-64.87	-64.88	-76.34
Vrx, V2(WL [dBm])	-66.41	-63.82	-64.93	-64.94	-76.44
Hrx, H2(WL [dBm])	-65.93	-63.75	-64.87	-64.88	-76.37



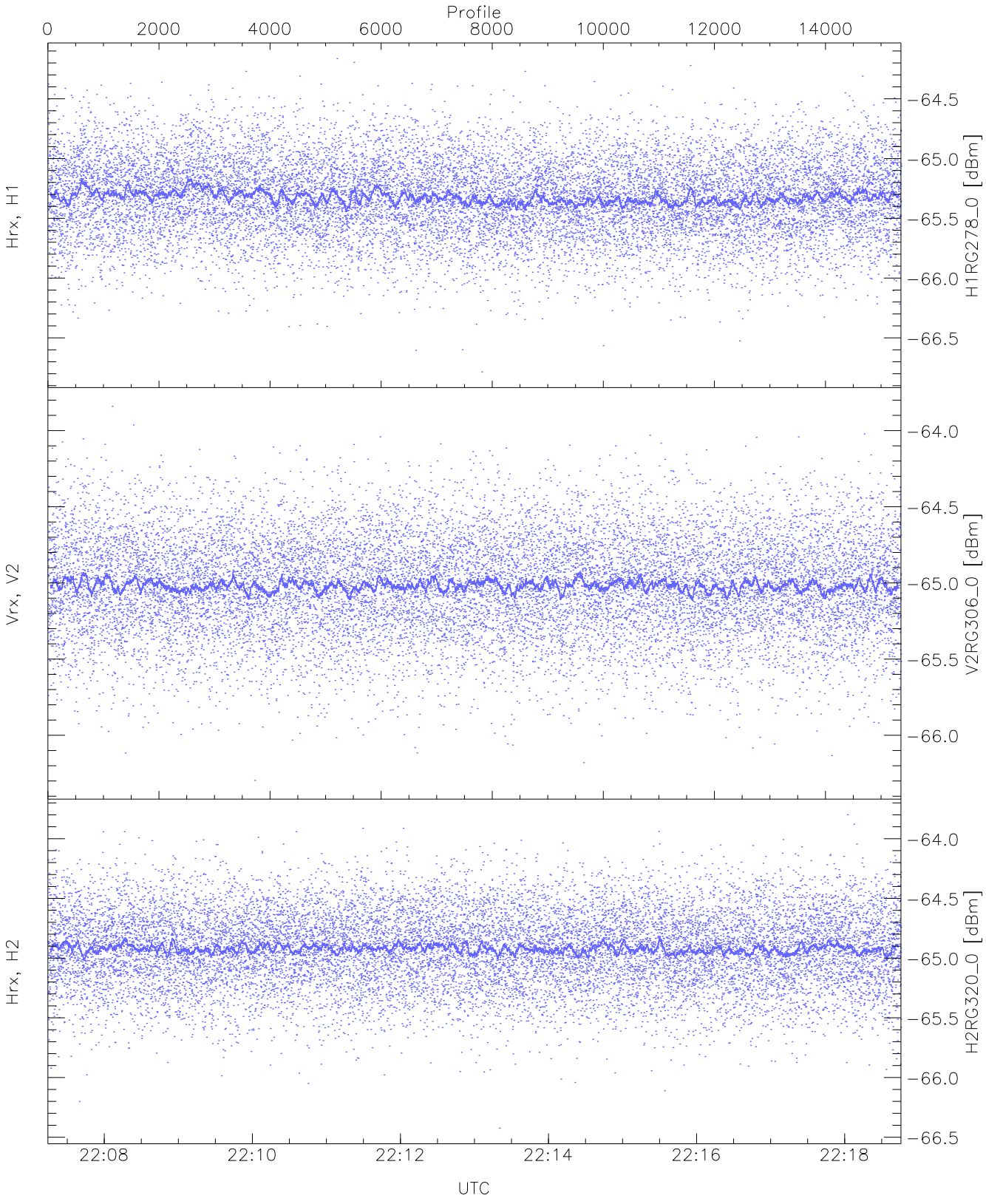
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.02	-63.61	-64.68	-64.68	-76.21
Vrx, V2(HL [dBm])	-65.94	-63.63	-64.75	-64.76	-76.25
Hrx, H2(HL [dBm])	-65.97	-63.55	-64.68	-64.68	-76.23



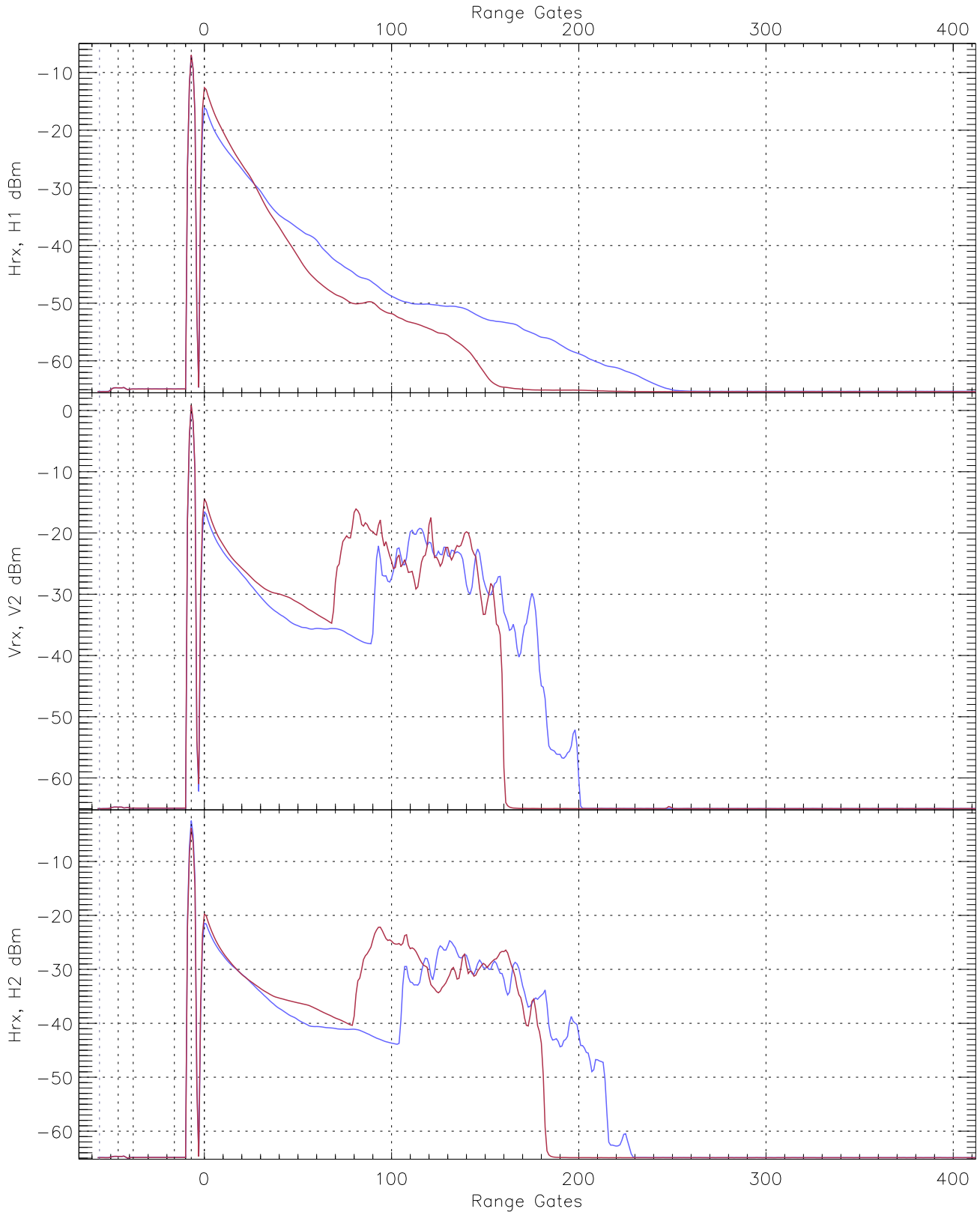
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.55	-64.16	-65.32	-65.32	-76.80
Vrx, V2(RM [dBm])	-66.24	-63.51	-65.01	-65.02	-76.52
Hrx, H2(RM [dBm])	-66.07	-63.71	-64.90	-64.90	-76.39

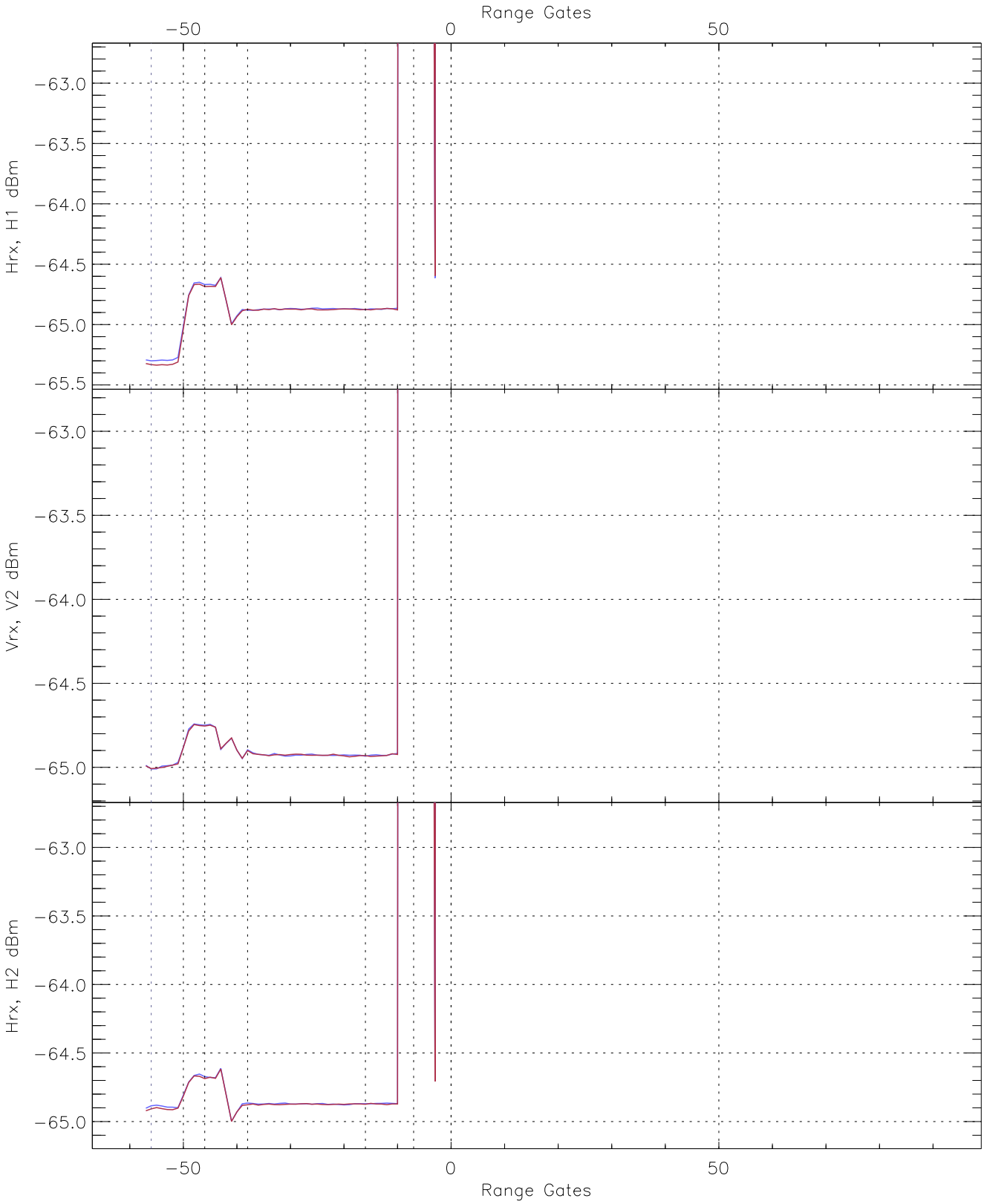


WCR3 CPP "Best" estimate Receivers Noise Power

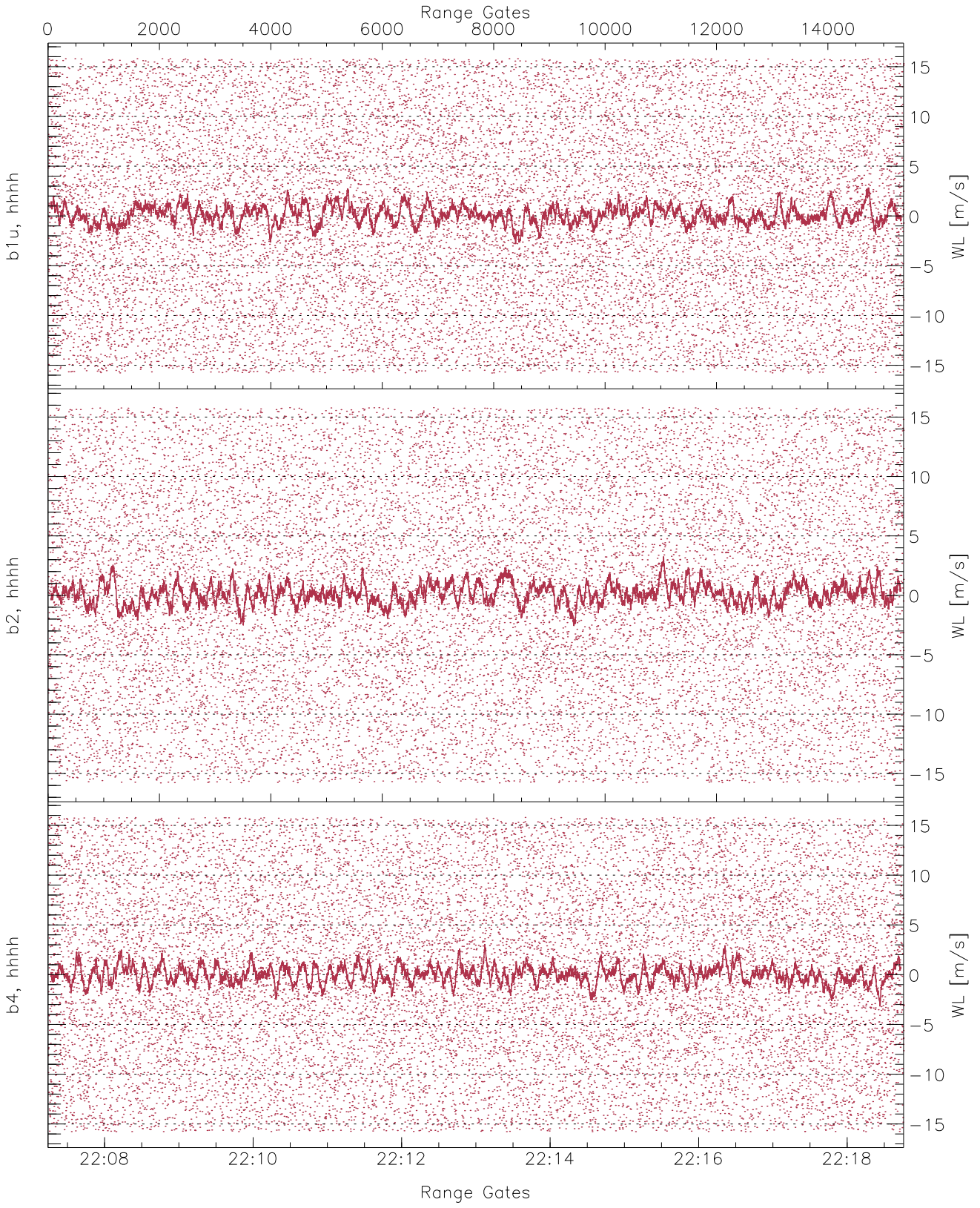
	Min	Max	Mean	Median	StDev
H1RG278_0 [dBm]	-66.78	-64.16	-65.32	-65.32	-76.77
V2RG306_0 [dBm]	-66.30	-63.84	-65.01	-65.02	-76.50
H2RG320_0 [dBm]	-66.42	-63.80	-64.91	-64.92	-76.43



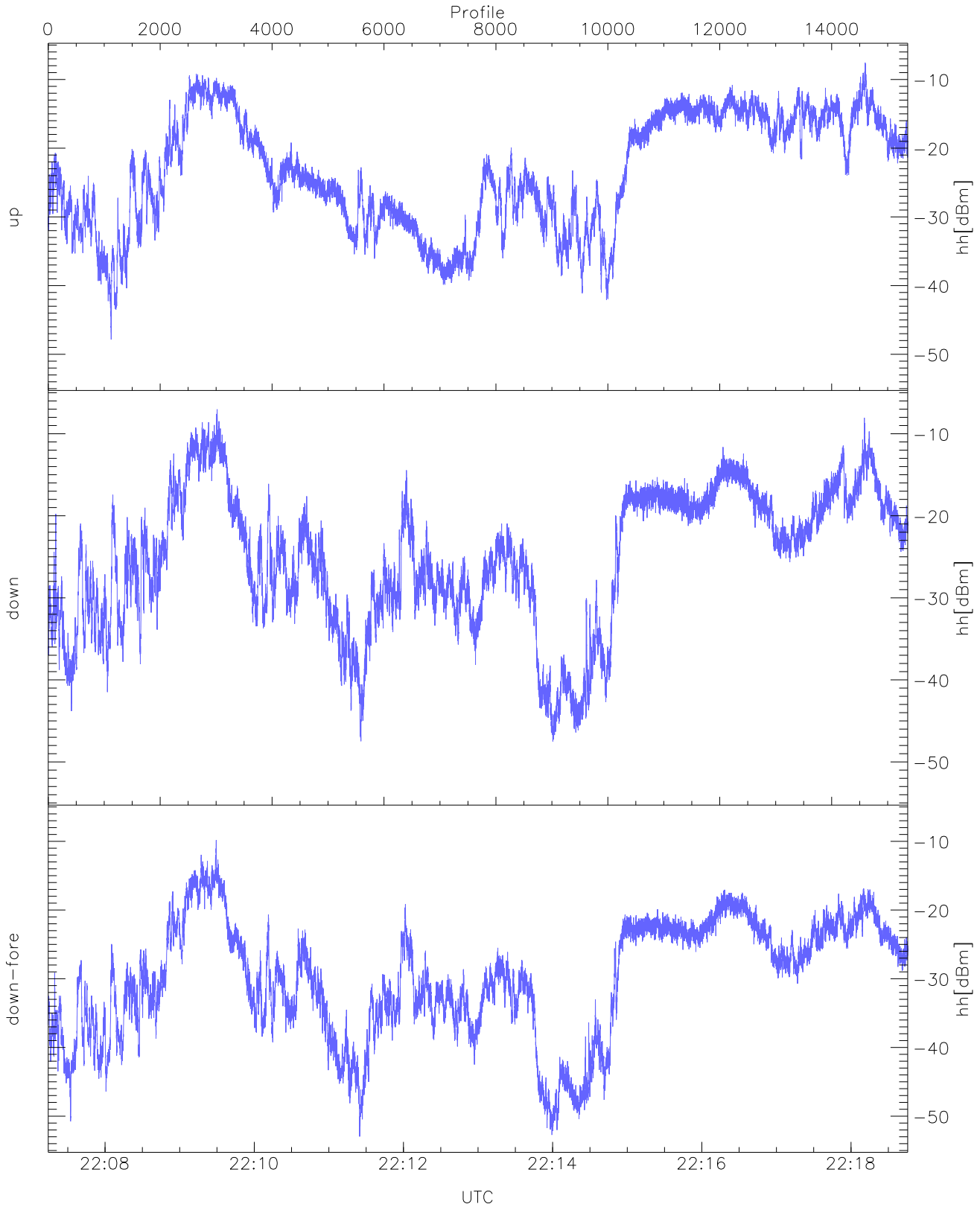
WCR3 CPP Averaged Received power for all recorded gates
blue: 220714-221300, 7681 profiles averaged
red: 221300-221846, 7680 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 220714-221300, 7681 profiles averaged
red: 221300-221846, 7680 profiles averaged

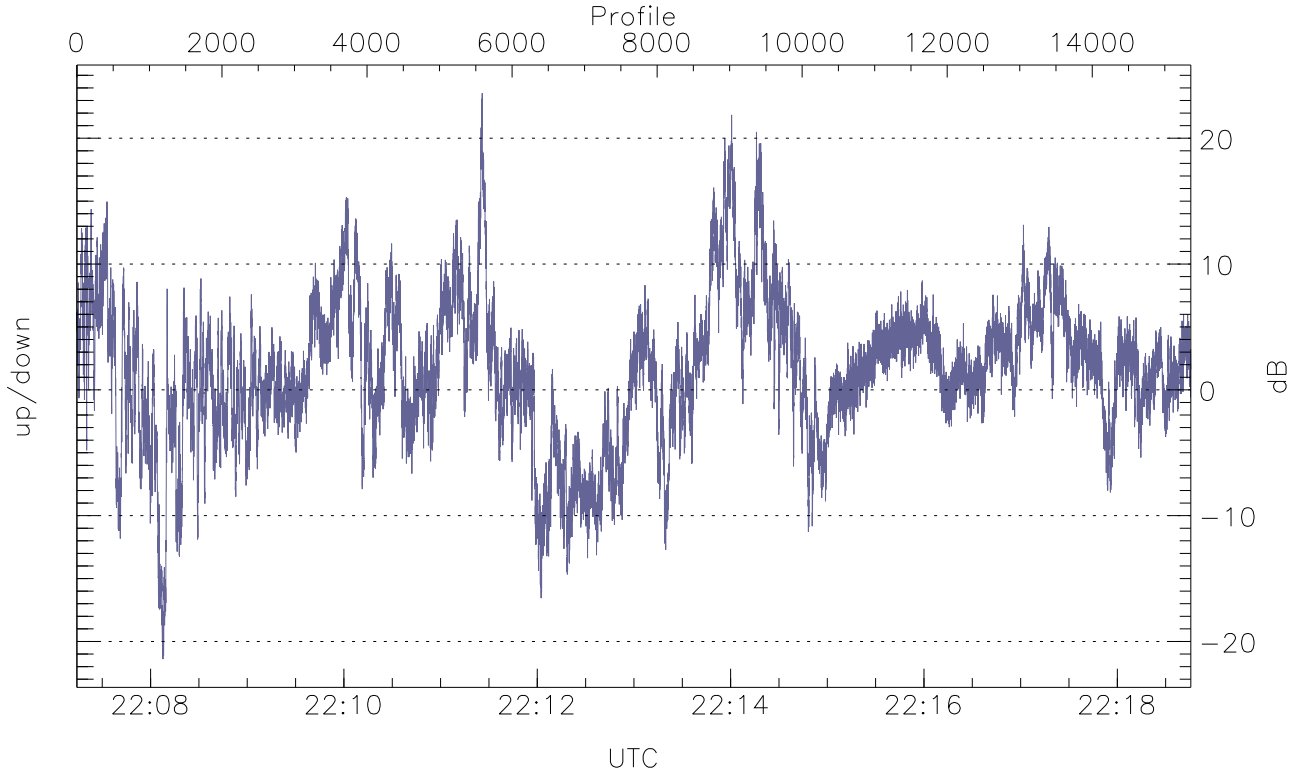


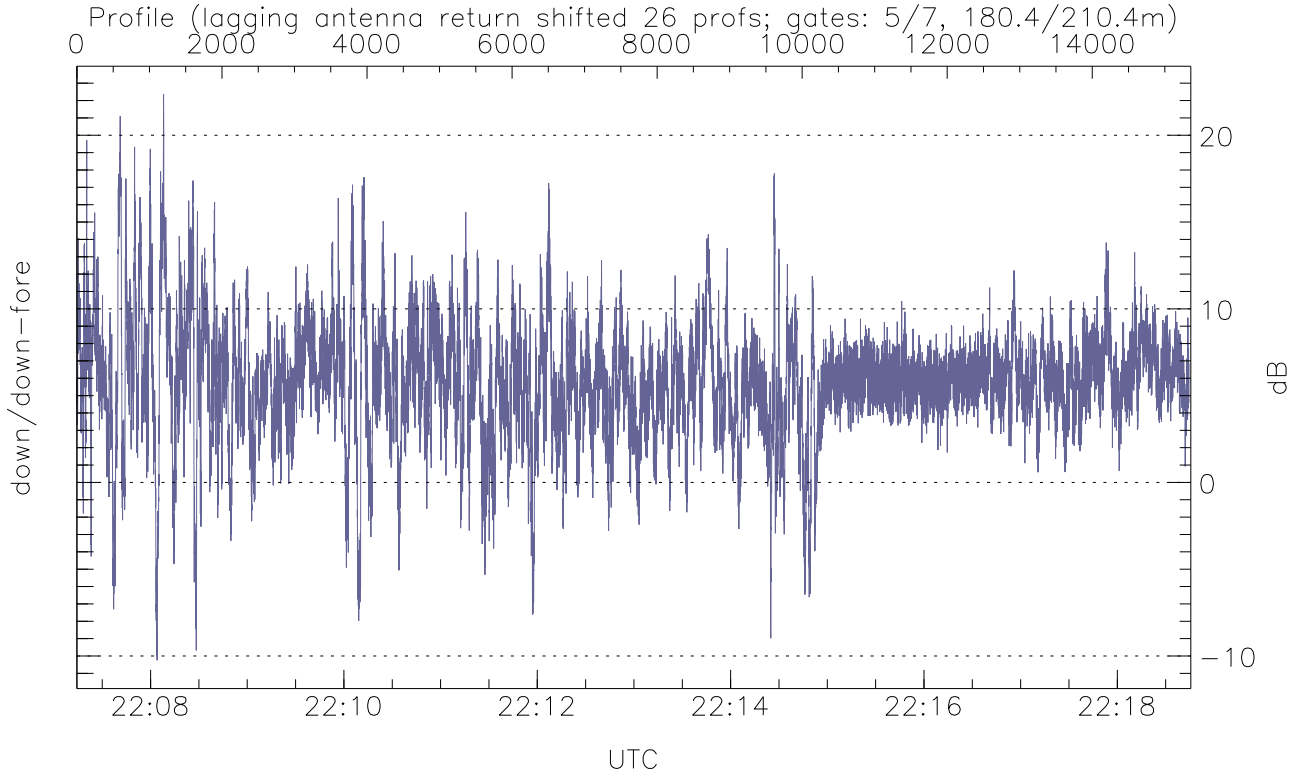
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

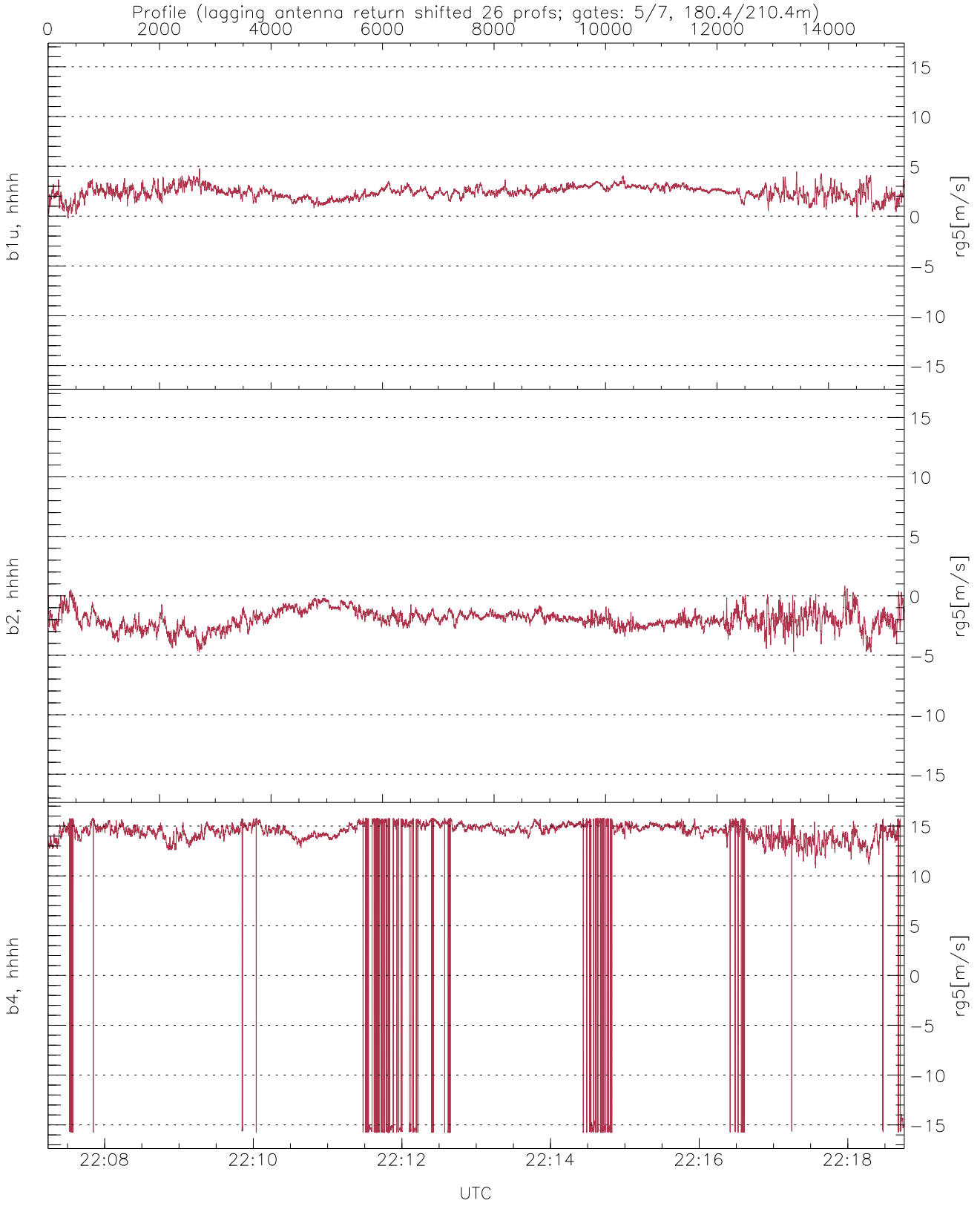
	Min	Max	Mean
up(hh[dBm])	-47.85	-7.57	-18.05
down(hh[dBm])	-47.53	-7.02	-19.57
down-fore(hh[dBm])	-52.97	-9.83	-24.29





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

	Min	Max	Mean
up/down(dB)	-21.40	23.57	1.60
down/down-fore(dB)	-10.25	22.35	5.80



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-0.23	4.78	2.39	0.63
b2, hhhh(rg5[m/s])	-4.74	0.83	-1.97	0.78
b4, hhhh(rg5[m/s])	-15.79	15.79	12.68	7.17