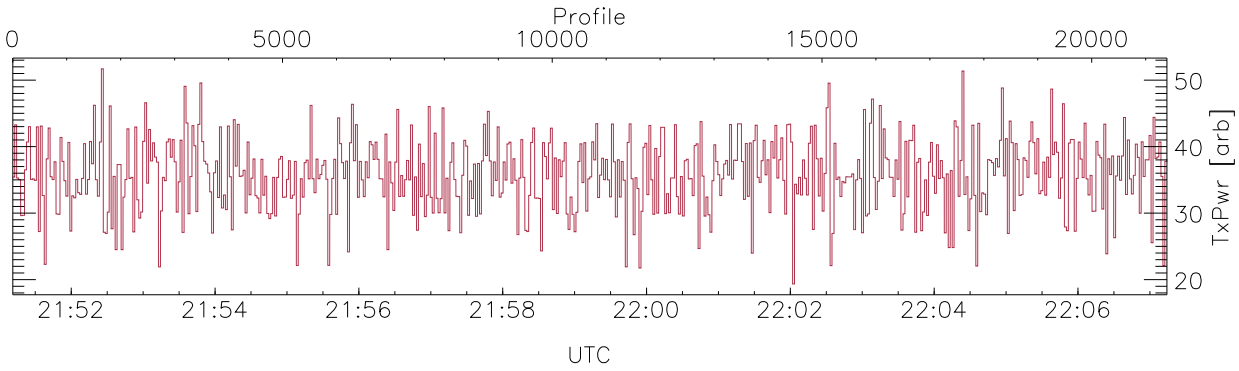
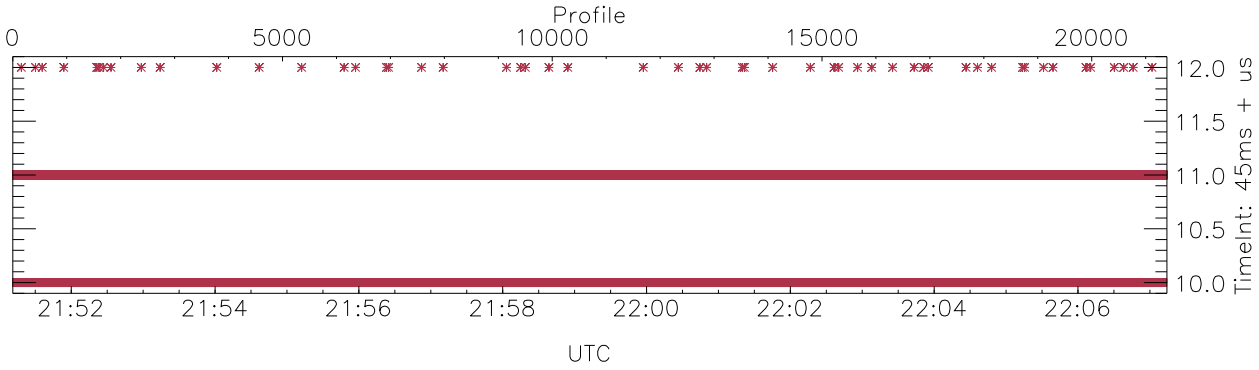
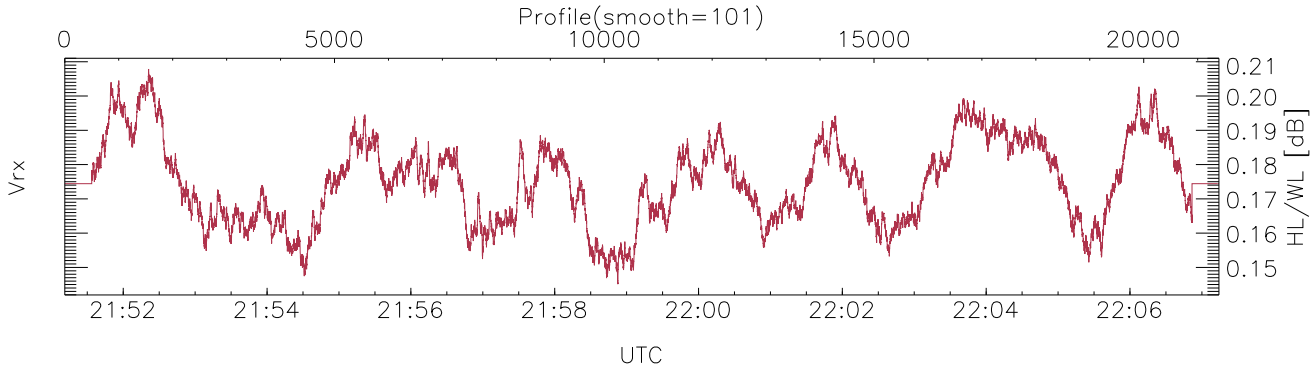
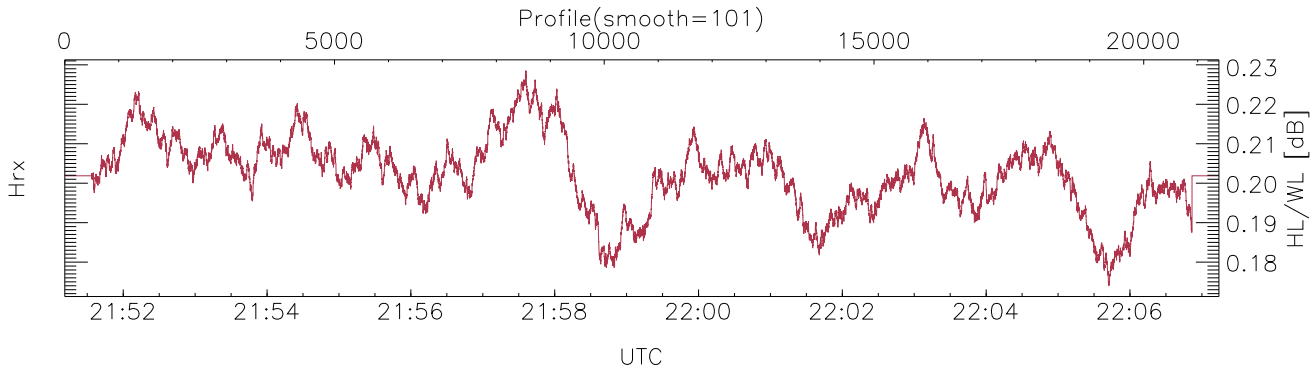


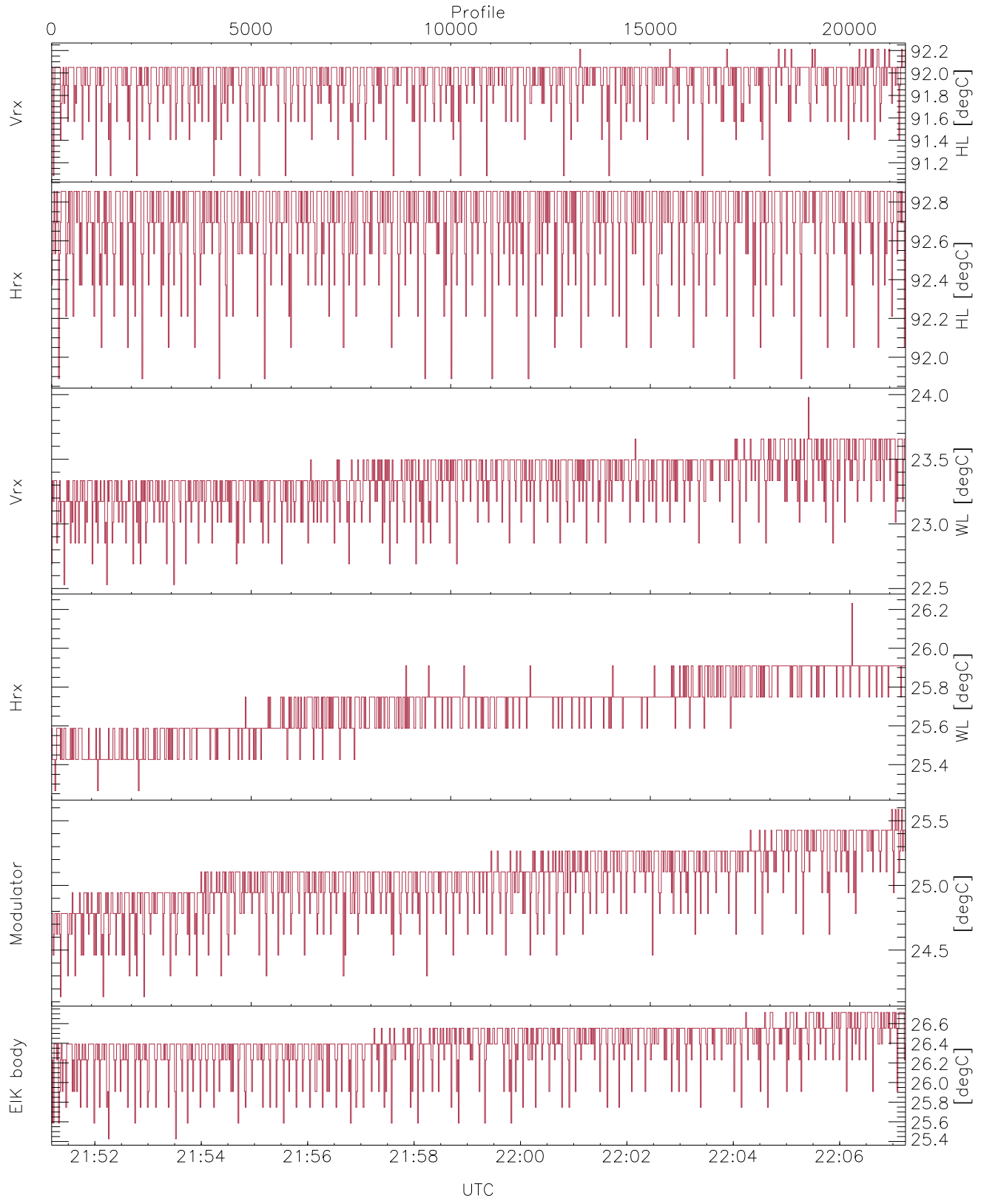






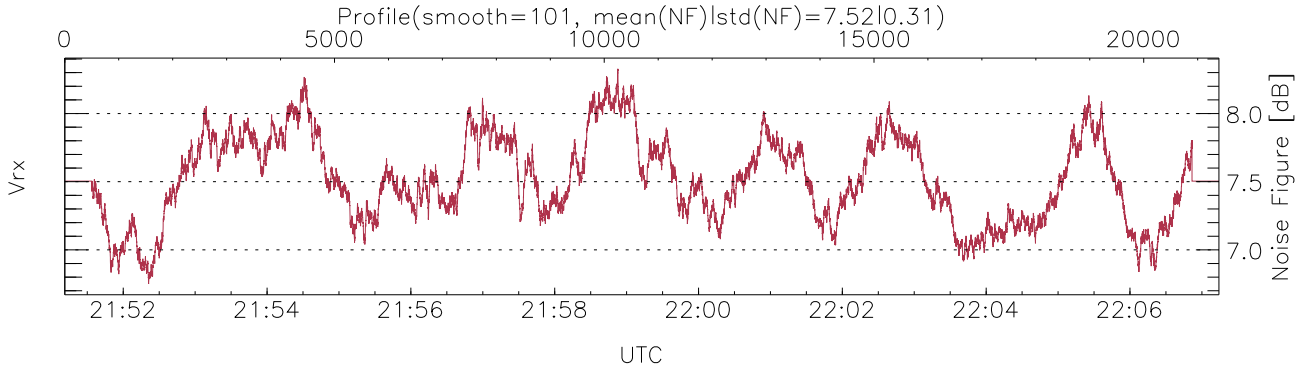
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

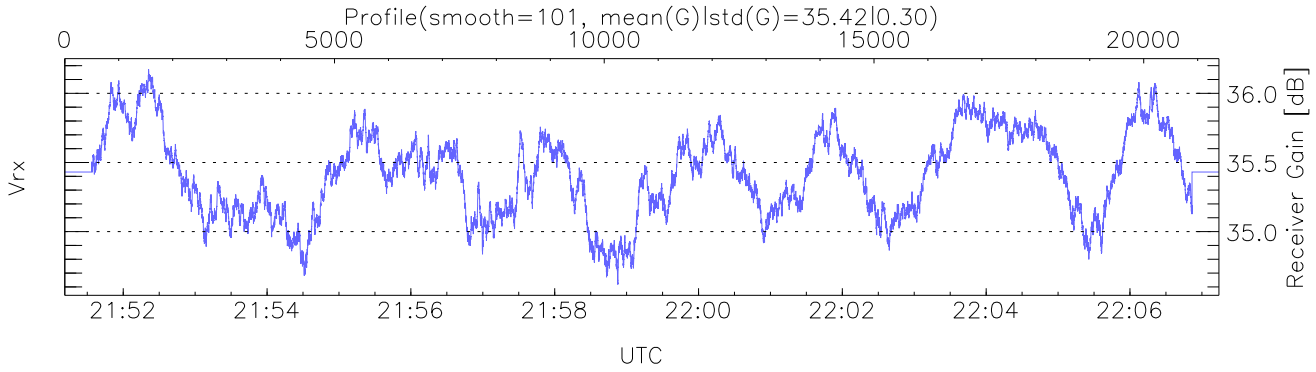
UTC: 21:51:11-22:07:14, TimeCor: 0.00s, Dur: 963.02s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 21396/21396, 0-21395/21:51:11-22:07:14
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: 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

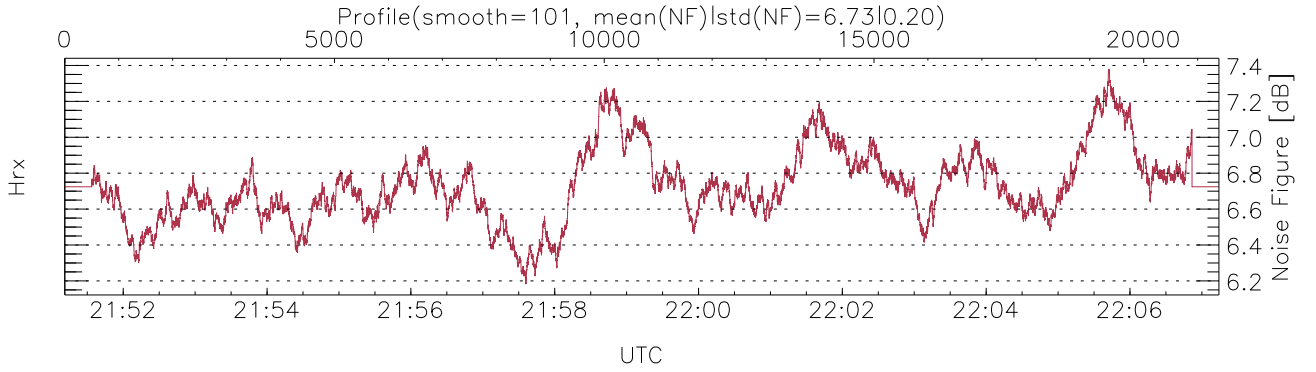


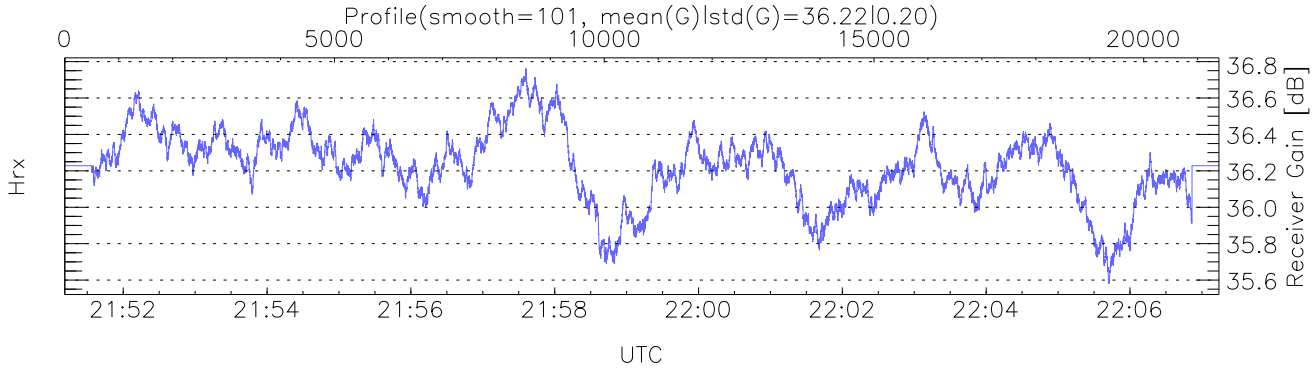
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,91,22,25,24,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,92,23,26,25,26
LOalarm(20,240,2817,14861 MHz): 0,0,46,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,22,22,22,22)



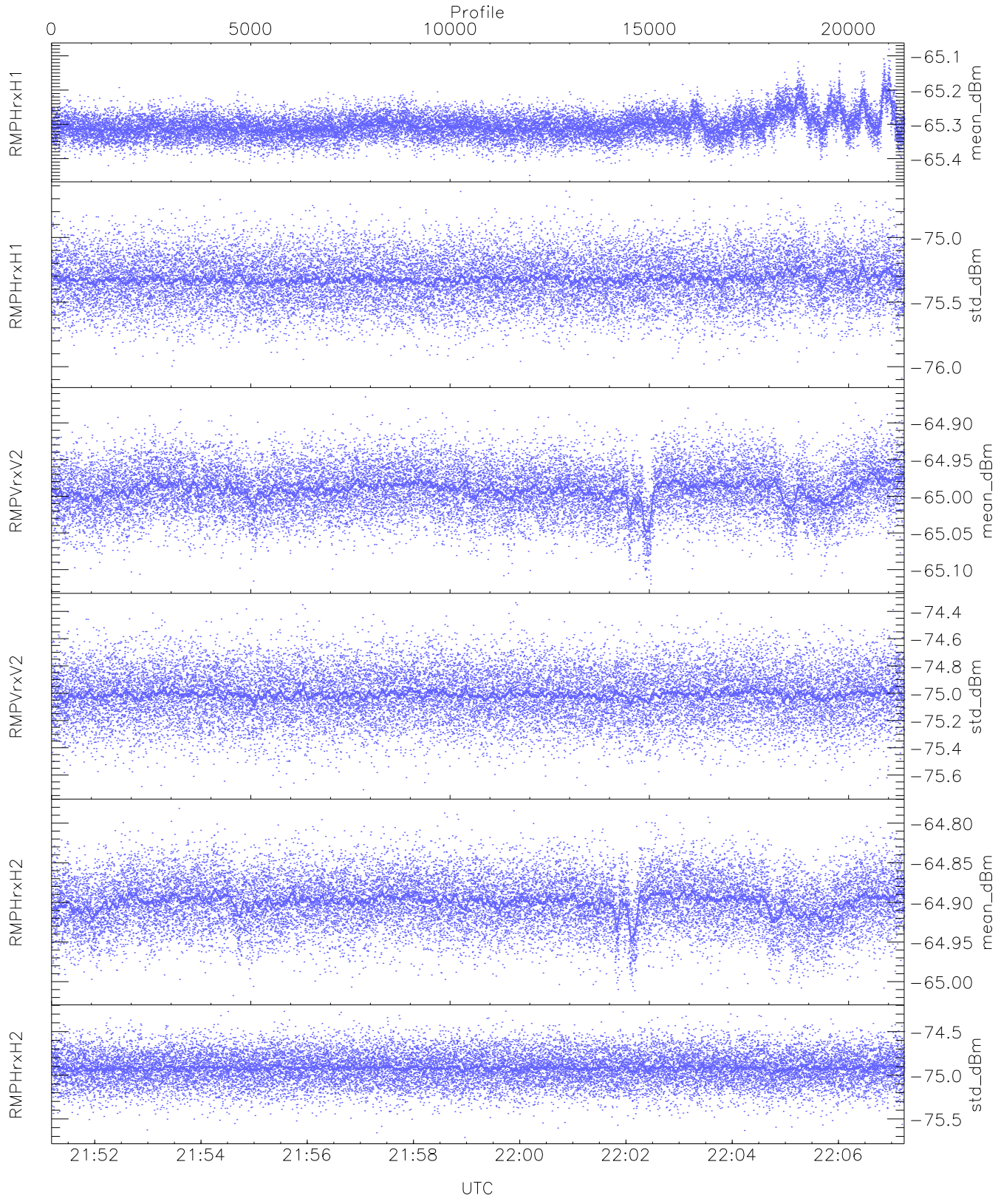






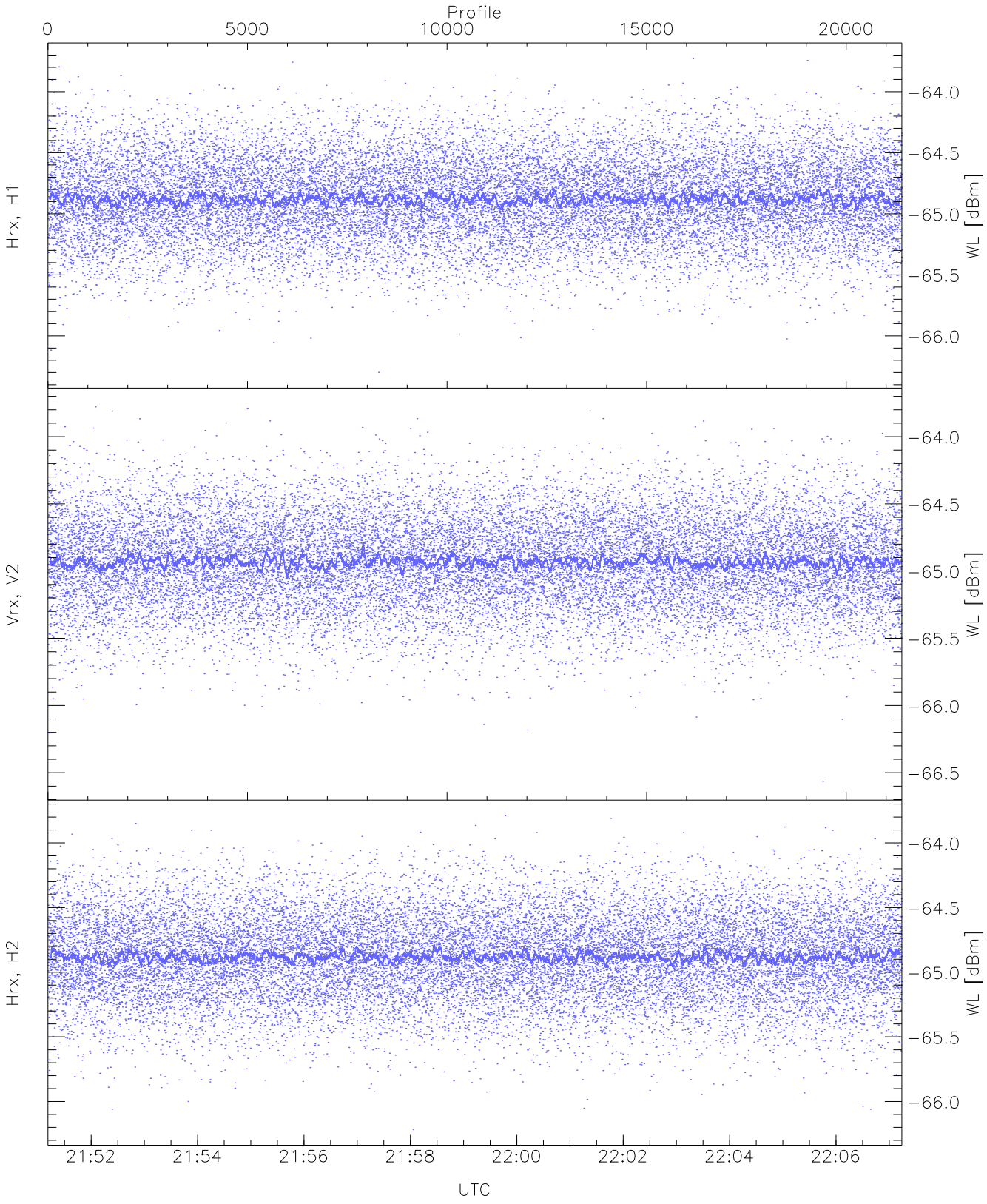
WCR3 CPP Receivers Gain and Noise Figure

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



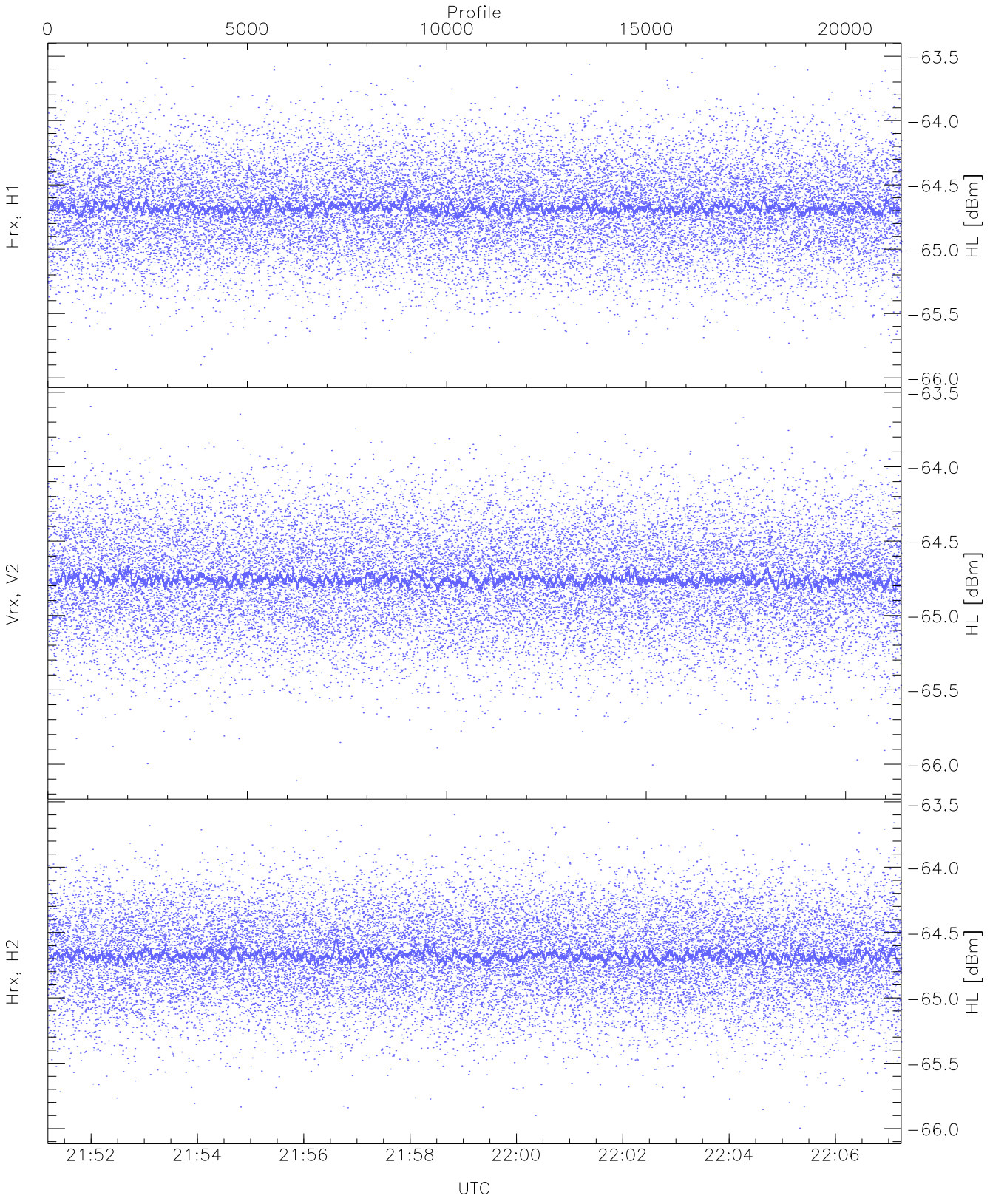
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.45	-65.08	-65.30	-65.31	-85.93
RMPHrxH1(std_dBm)	-76.09	-74.64	-75.32	-75.32	-89.11
RMPVrxV2(mean_dBm)	-65.12	-64.86	-64.99	-64.99	-86.32
RMPVrxV2(std_dBm)	-75.71	-74.34	-75.01	-75.01	-88.79
RMPHrxH2(mean_dBm)	-65.02	-64.78	-64.90	-64.90	-86.33
RMPHrxH2(std_dBm)	-75.71	-74.27	-74.92	-74.92	-88.72



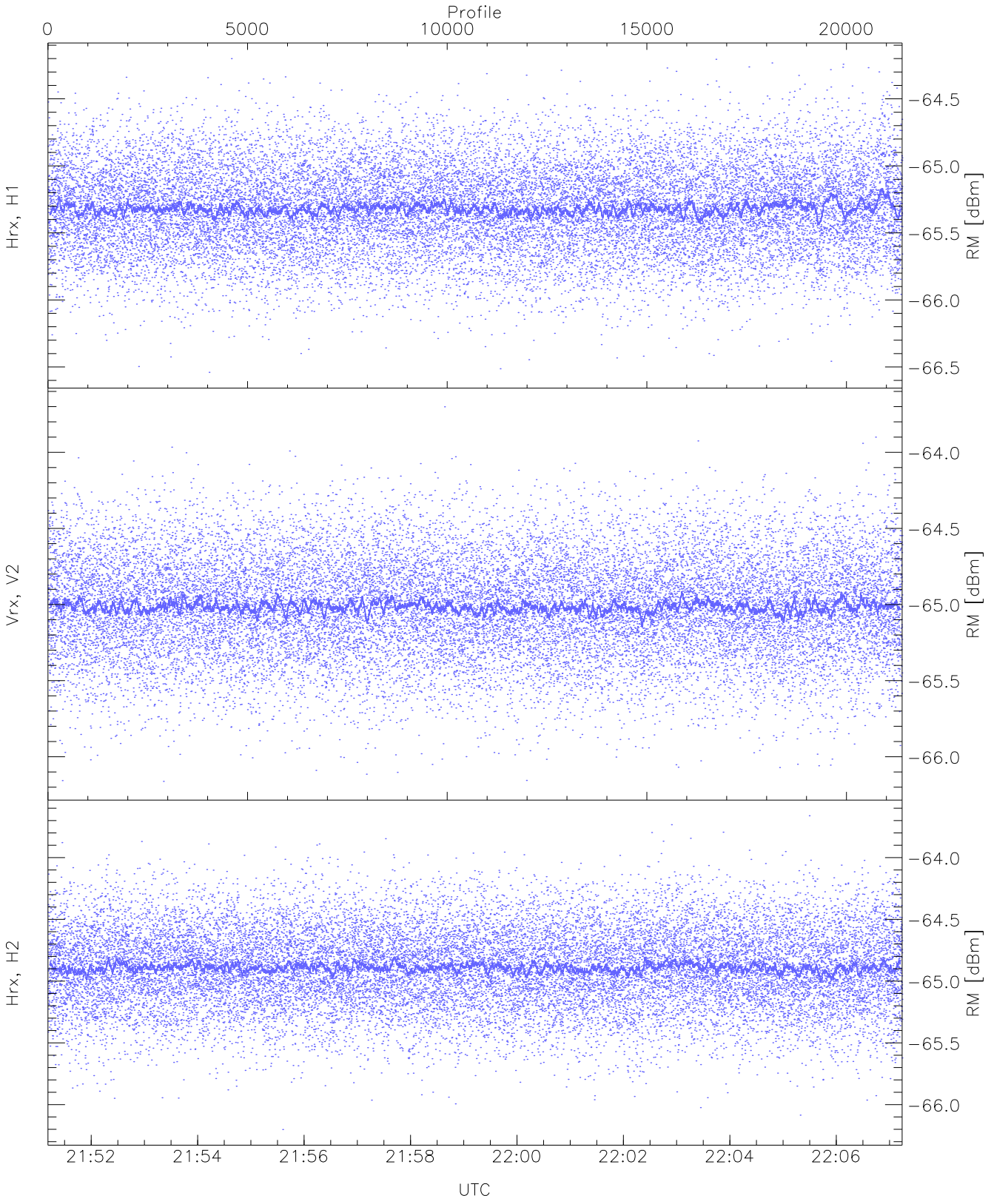
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.30	-63.73	-64.87	-64.88	-76.34
Vrx, V2(WL [dBm])	-66.56	-63.78	-64.92	-64.93	-76.41
Hrx, H2(WL [dBm])	-66.22	-63.79	-64.87	-64.88	-76.38



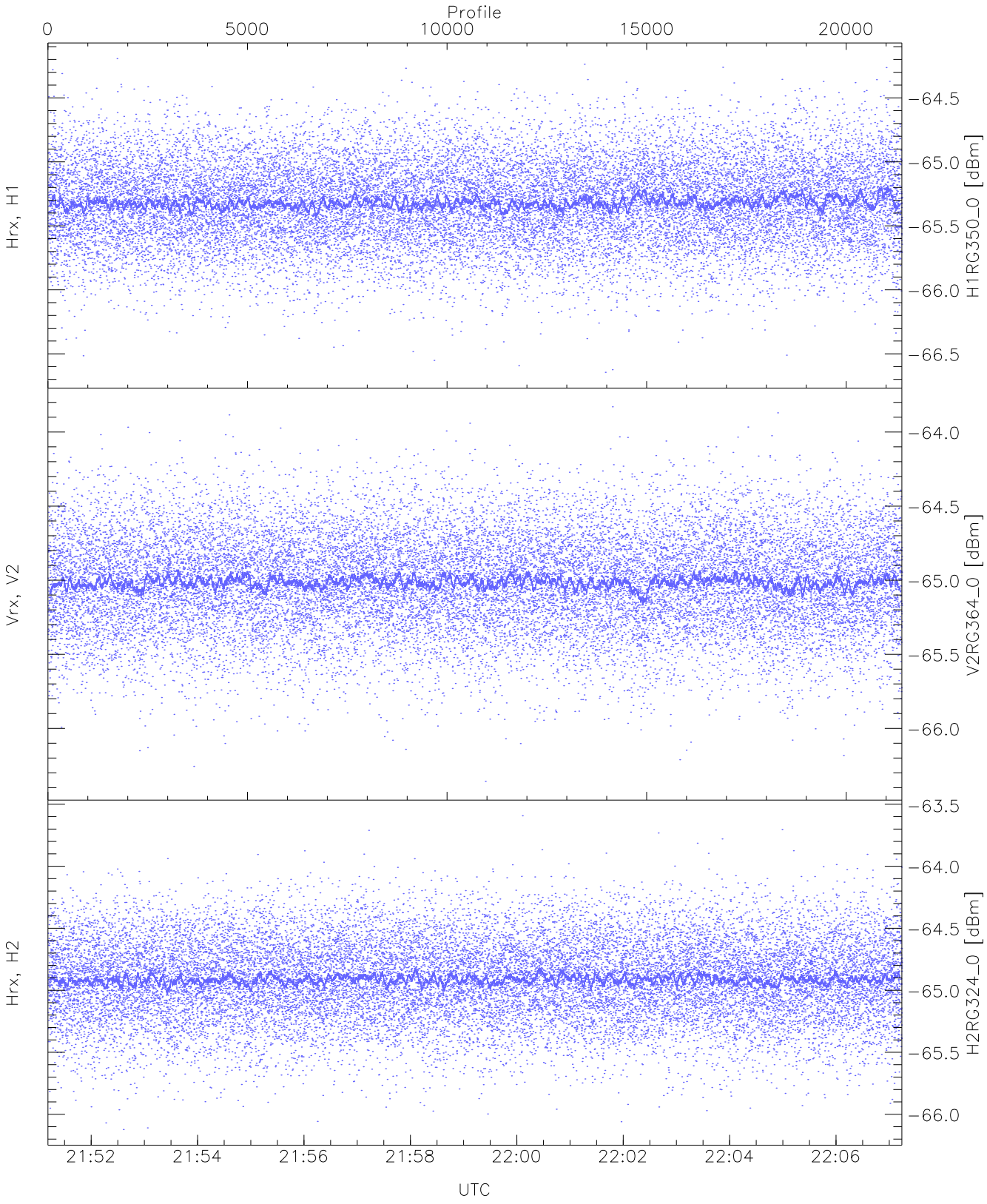
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.95	-63.52	-64.67	-64.68	-76.12
Vrx, V2(HL [dBm])	-66.11	-63.59	-64.75	-64.76	-76.21
Hrx, H2(HL [dBm])	-66.00	-63.60	-64.67	-64.67	-76.22



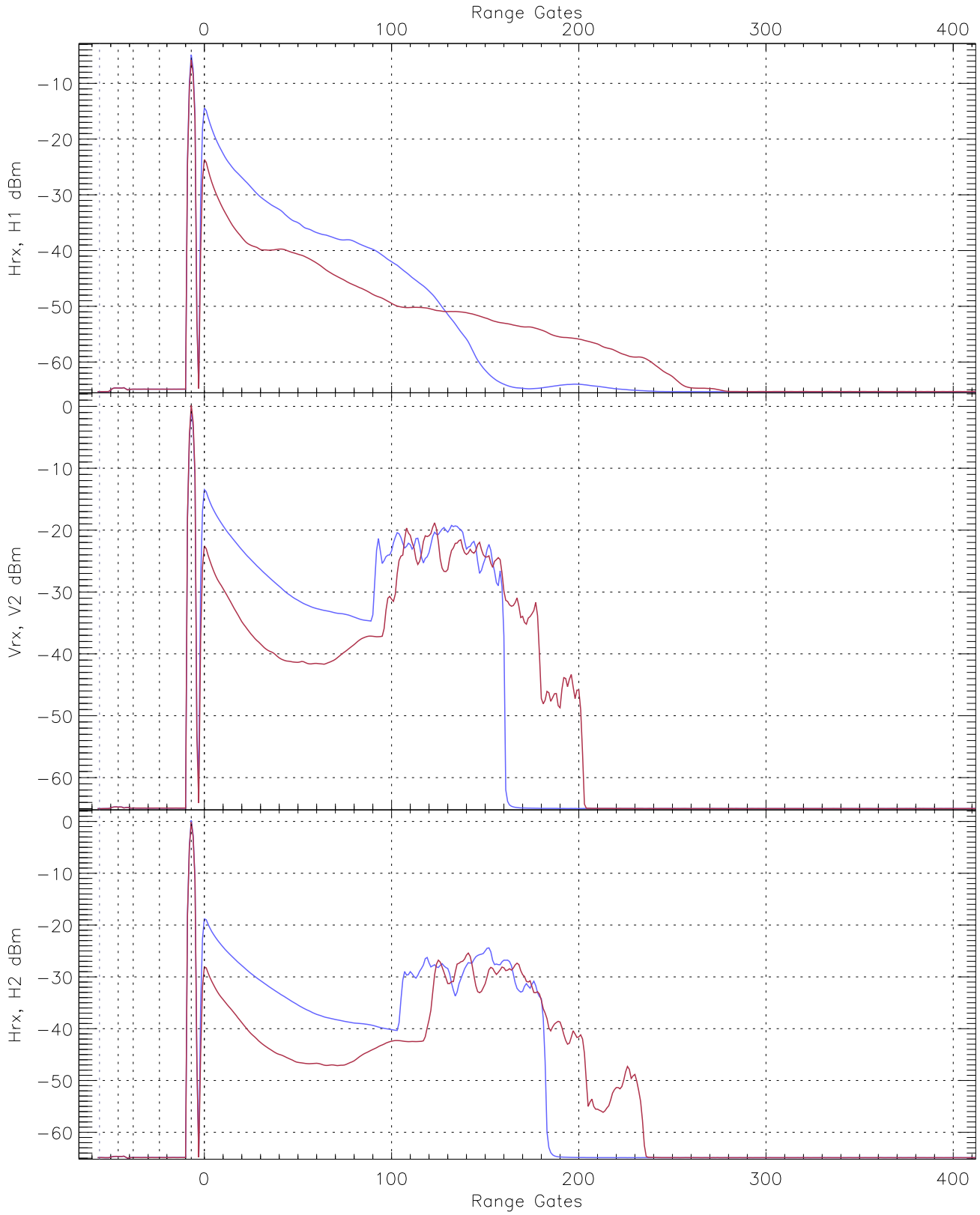
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.54	-64.20	-65.31	-65.32	-76.80
Vrx, V2(RM [dBm])	-66.16	-63.70	-65.01	-65.02	-76.49
Hrx, H2(RM [dBm])	-66.20	-63.66	-64.88	-64.89	-76.38

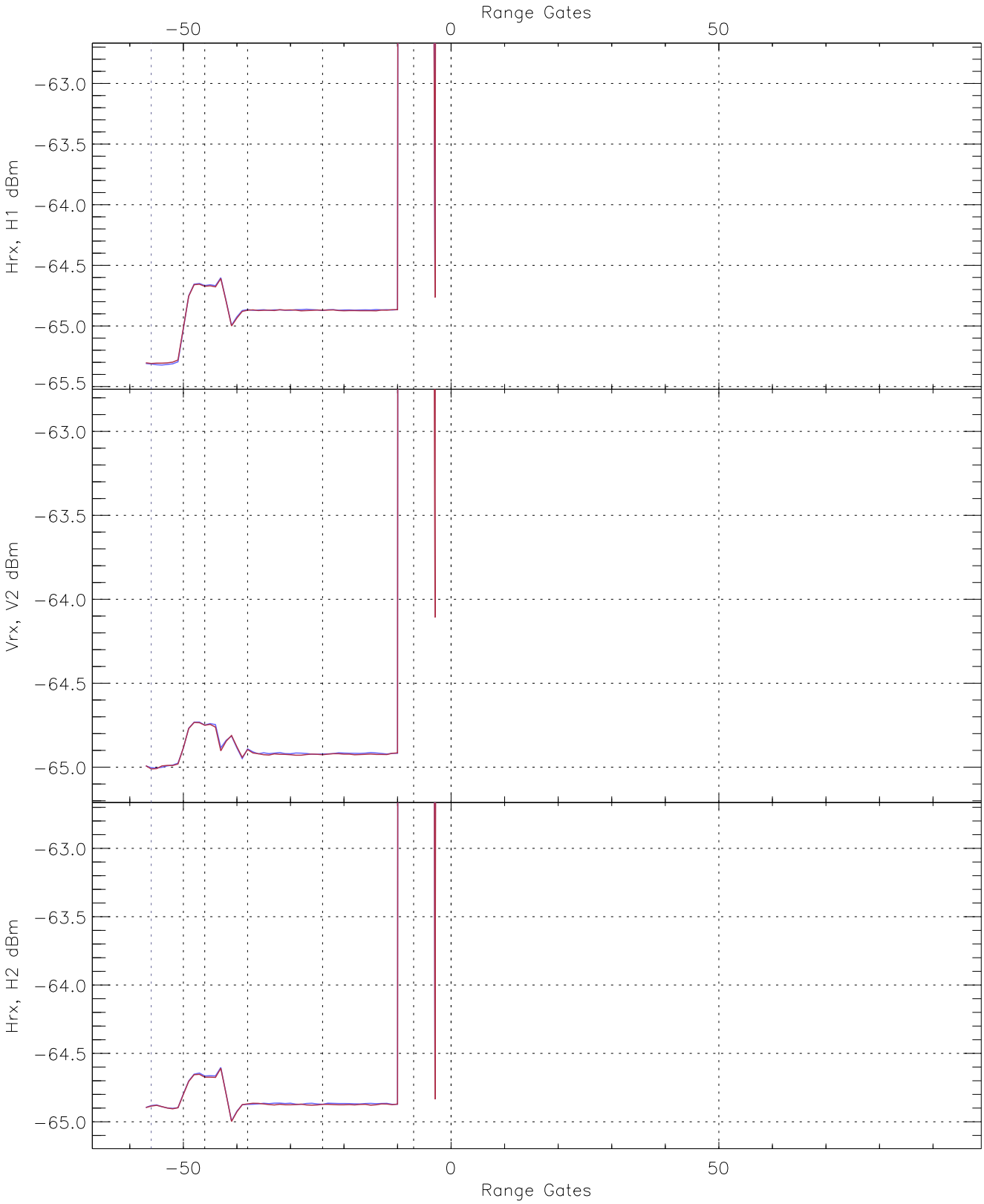


WCR3 CPP "Best" estimate Receivers Noise Power

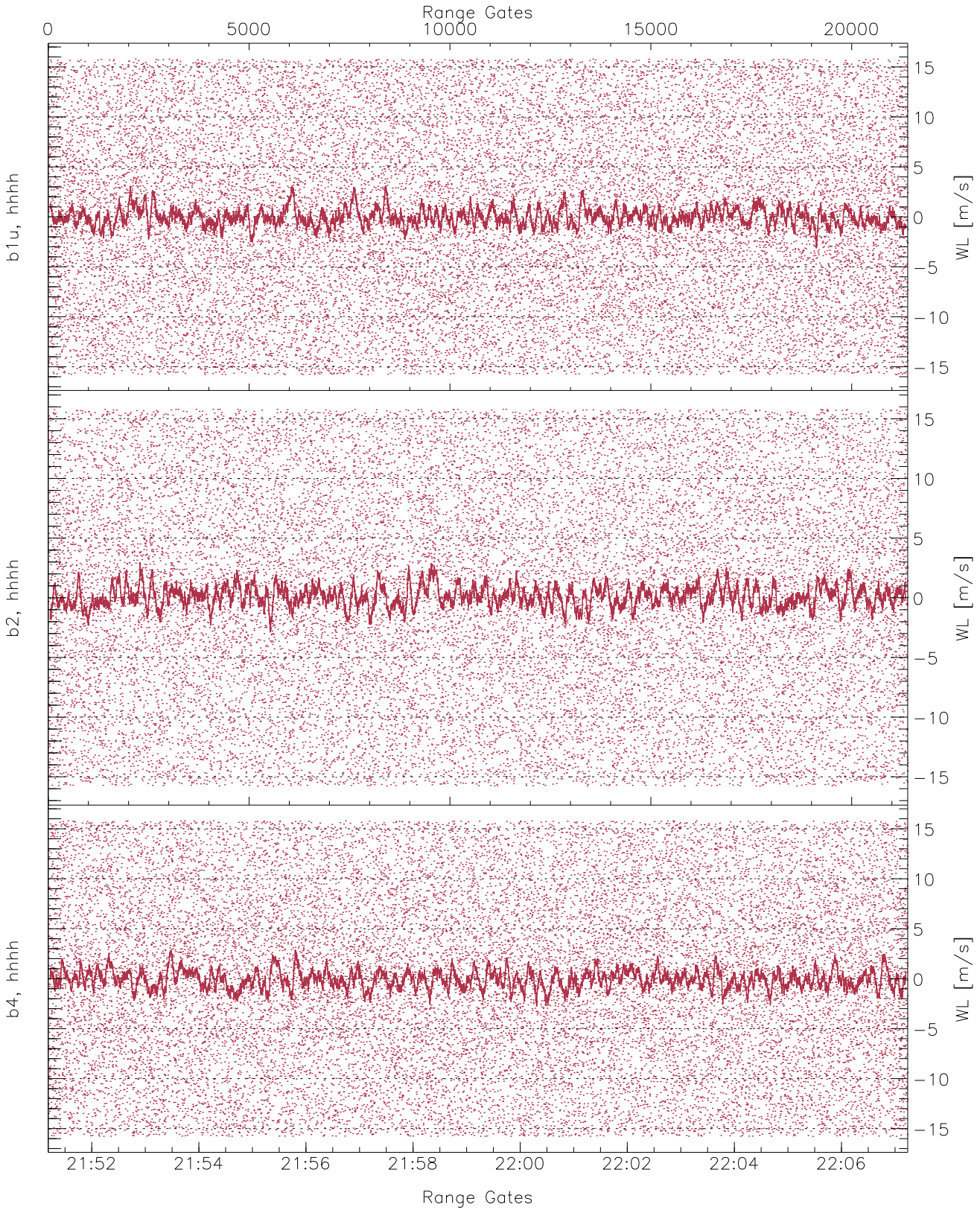
	Min	Max	Mean	Median	StDev
H1RG350_0 [dBm]	-66.64	-64.19	-65.31	-65.32	-76.78
V2RG364_0 [dBm]	-66.36	-63.83	-65.01	-65.01	-76.50
H2RG324_0 [dBm]	-66.12	-63.59	-64.91	-64.91	-76.37



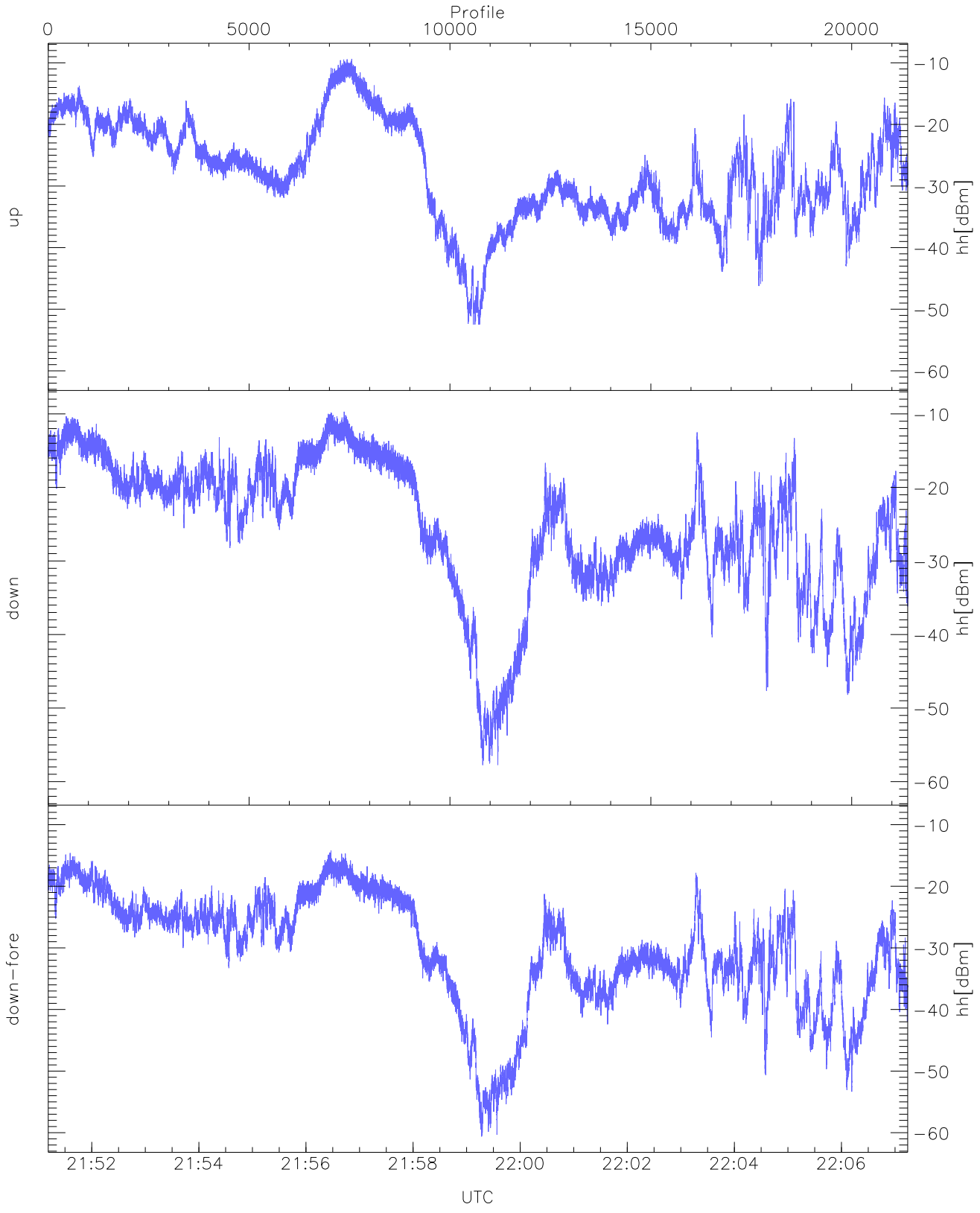
WCR3 CPP Averaged Received power for all recorded gates
blue: 215111-215913, 10699 profiles averaged
red: 215913-220714, 10698 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 215111-215913, 10699 profiles averaged
red: 215913-220714, 10698 profiles averaged

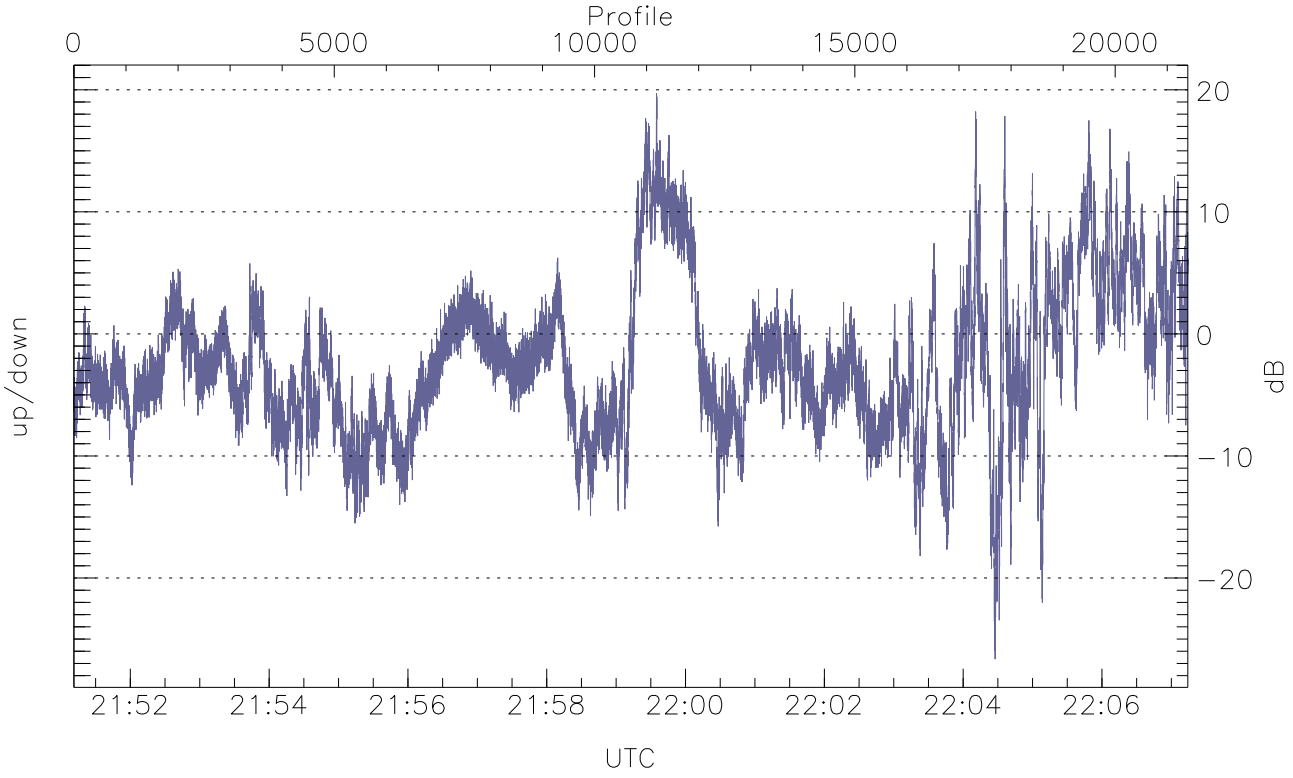


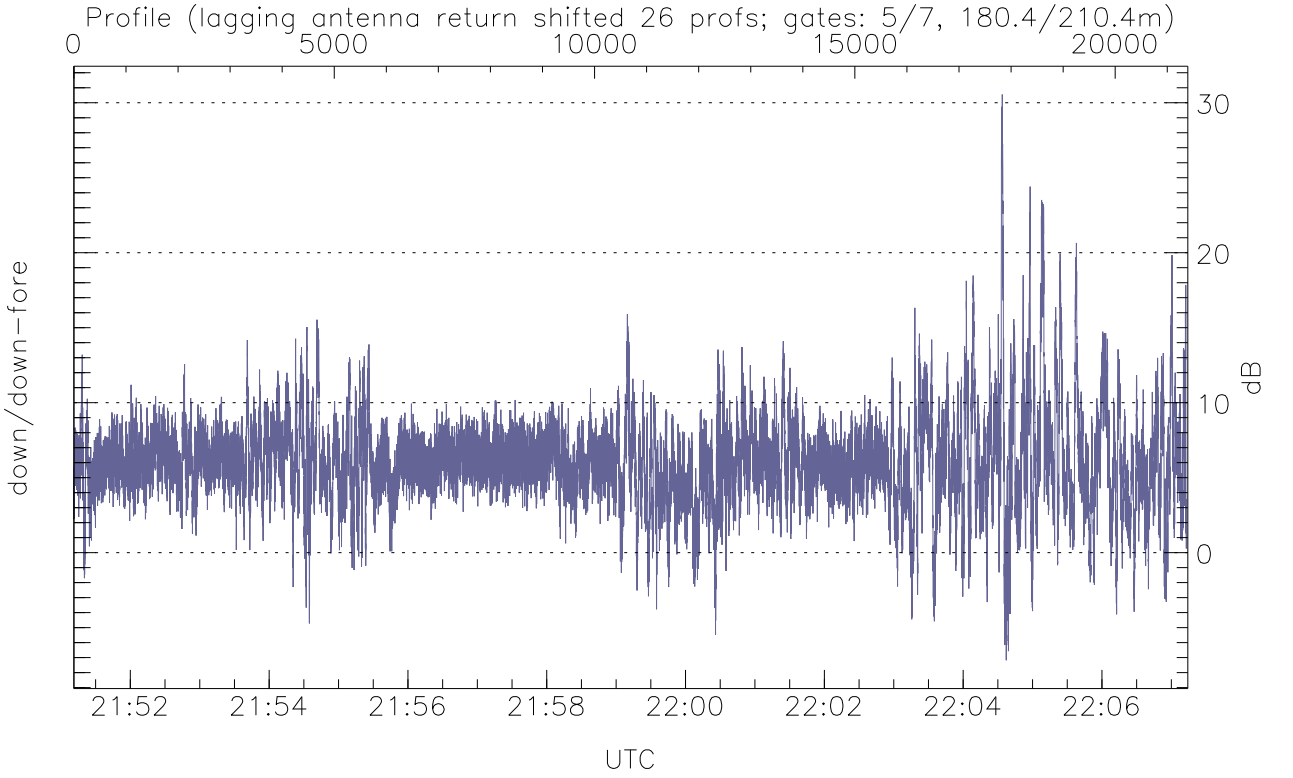
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

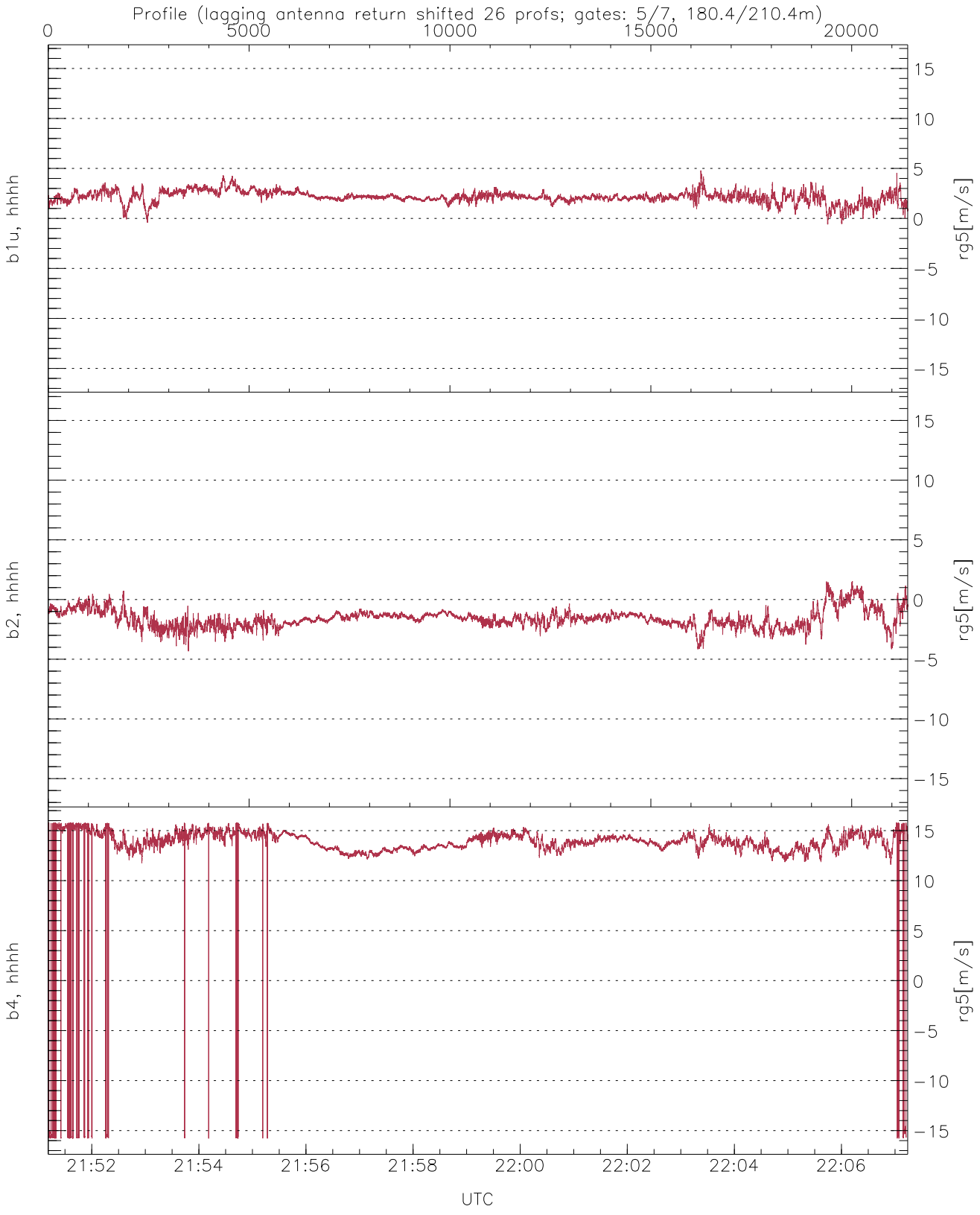
	Min	Max	Mean
up(hh[dBm])	-52.50	-9.38	-21.63
down(hh[dBm])	-57.75	-9.70	-19.37
down-fore(hh[dBm])	-60.63	-14.19	-24.42





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

	Min	Max	Mean
up/down(dB)	-26.64	19.71	-2.37
down/down-fore(dB)	-7.18	30.55	6.09



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-0.59	4.79	2.15	0.59
b2, hhhh(rg5[m/s])	-4.34	1.55	-1.61	0.76
b4, hhhh(rg5[m/s])	-15.79	15.79	13.37	4.16