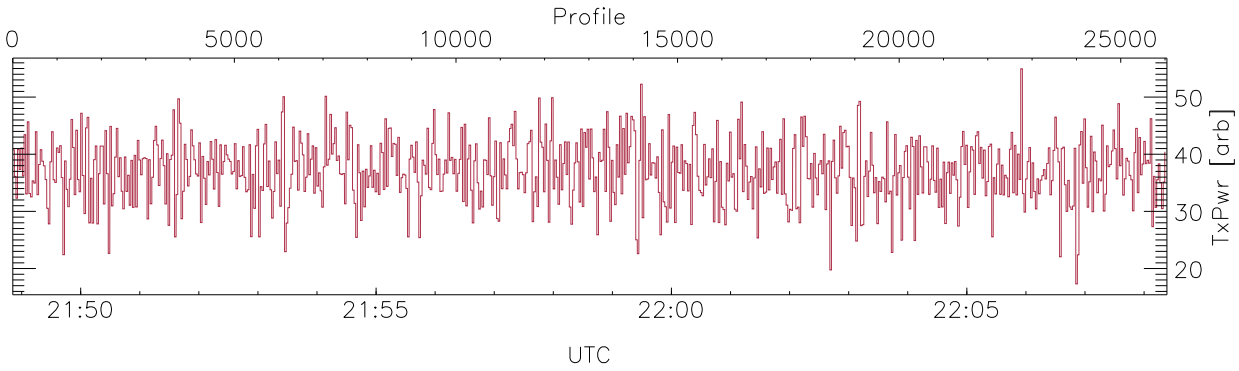
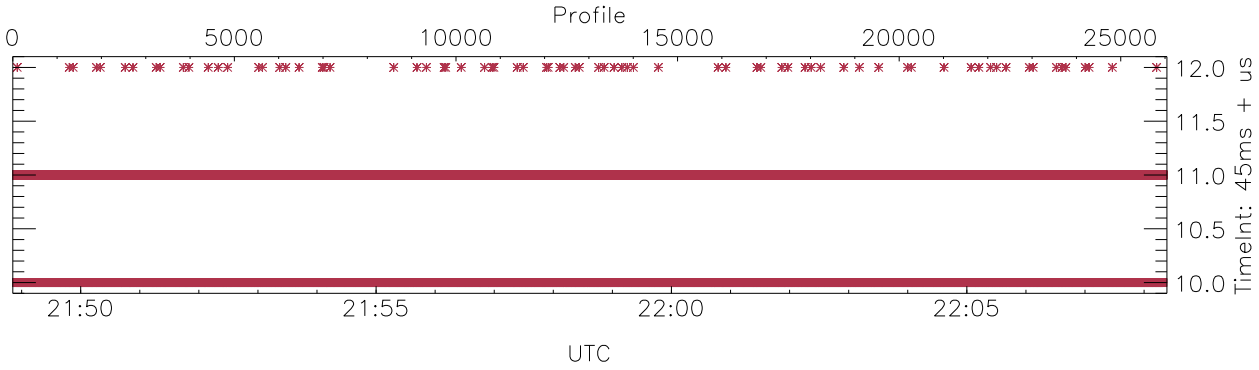
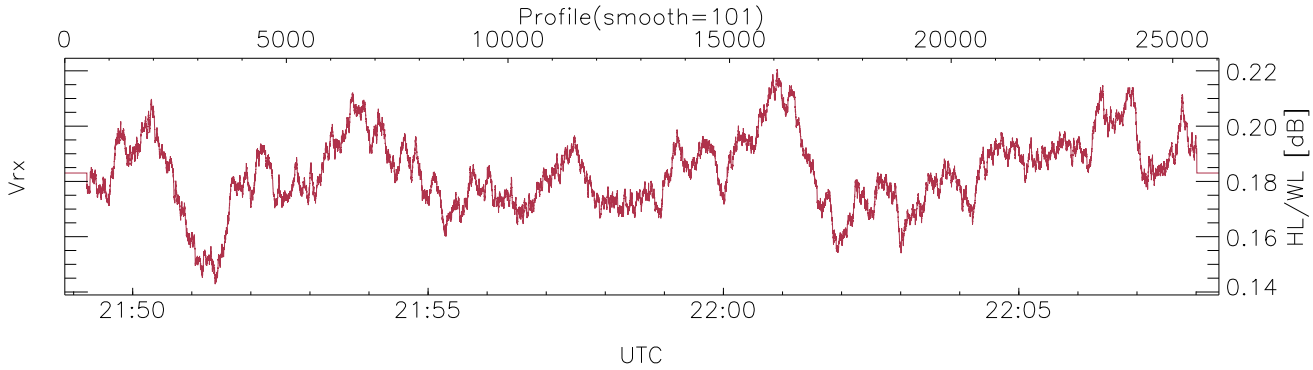
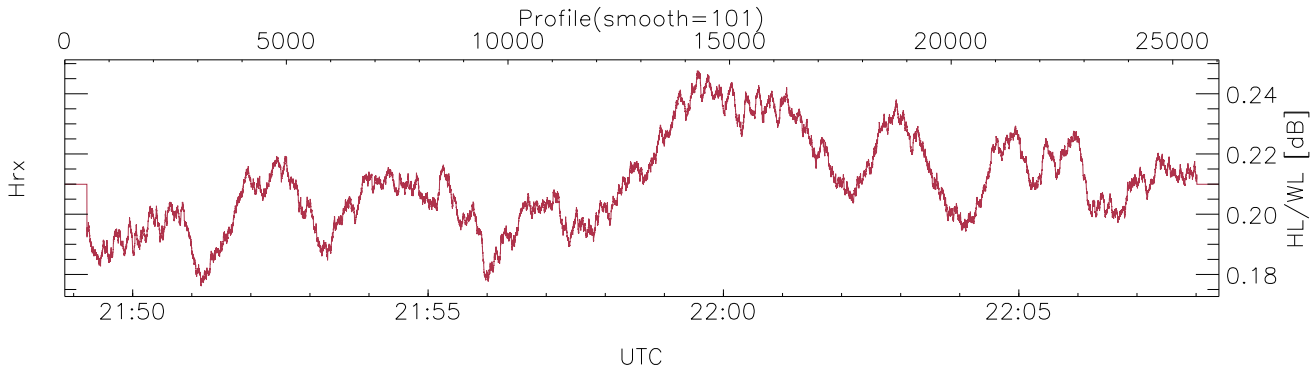


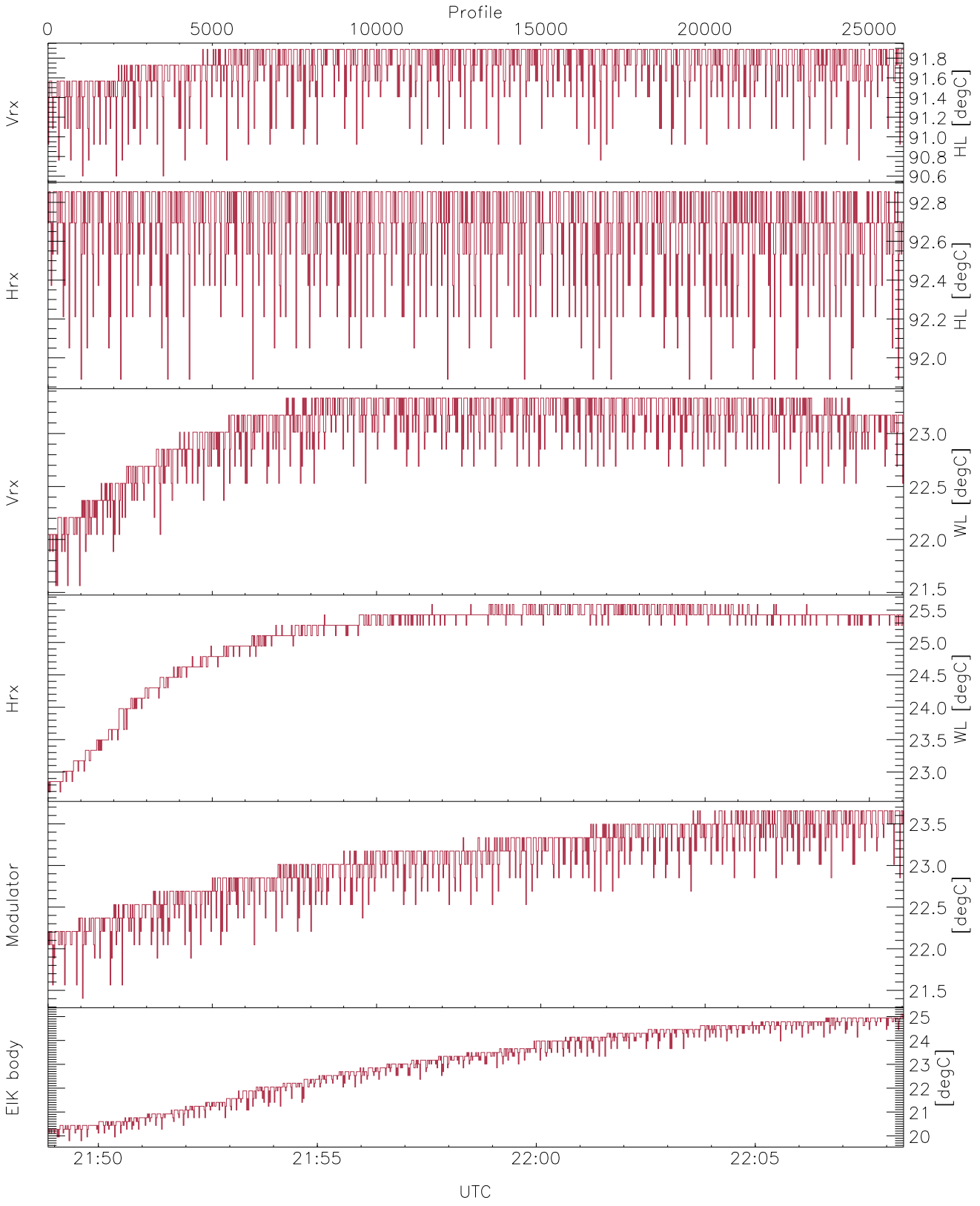






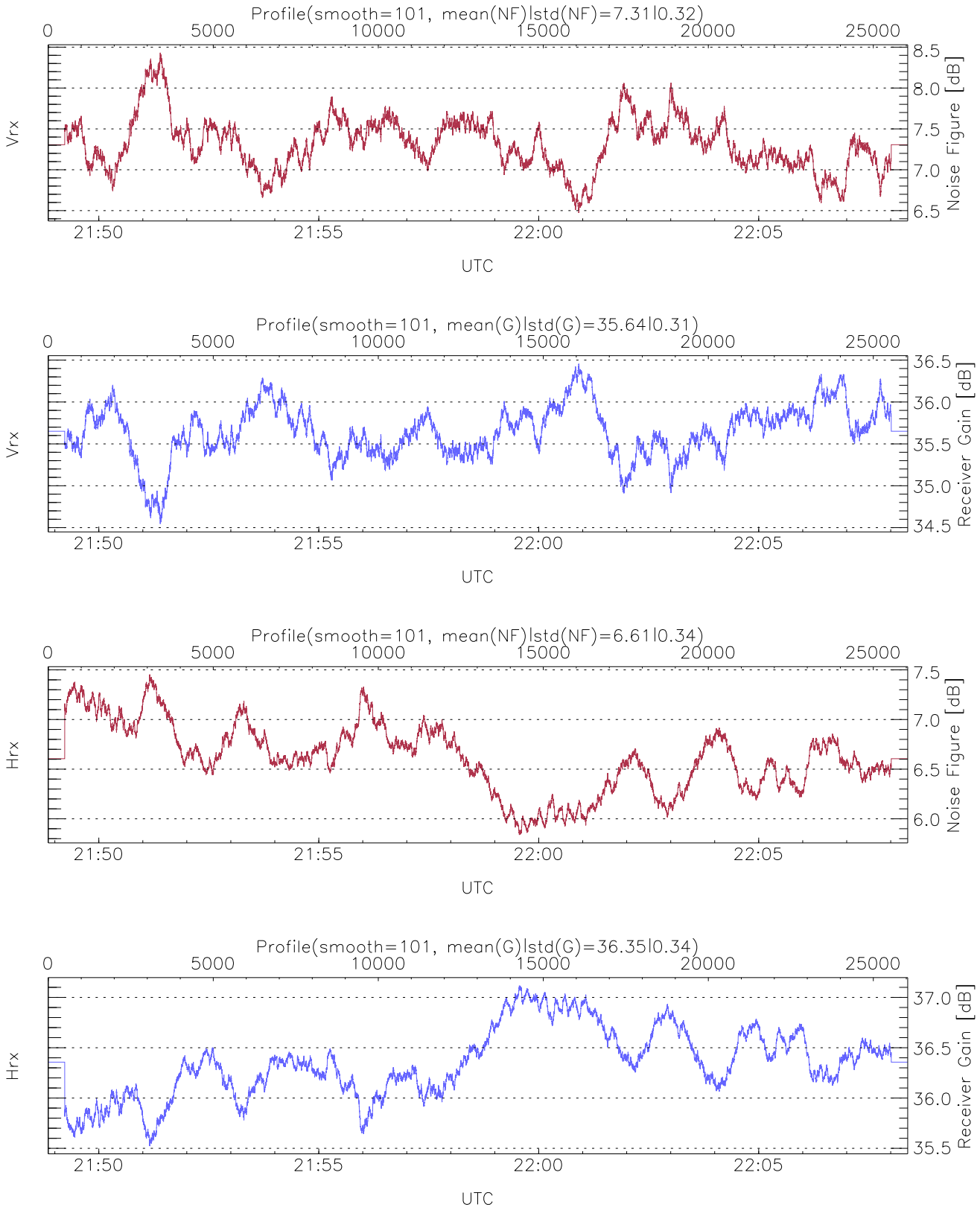
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 21:48:51-22:08:23, TimeCor: 0.00s, Dur: 1172.23s
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): 26044/26044, 0-26043/21:48:51-22:08:23
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



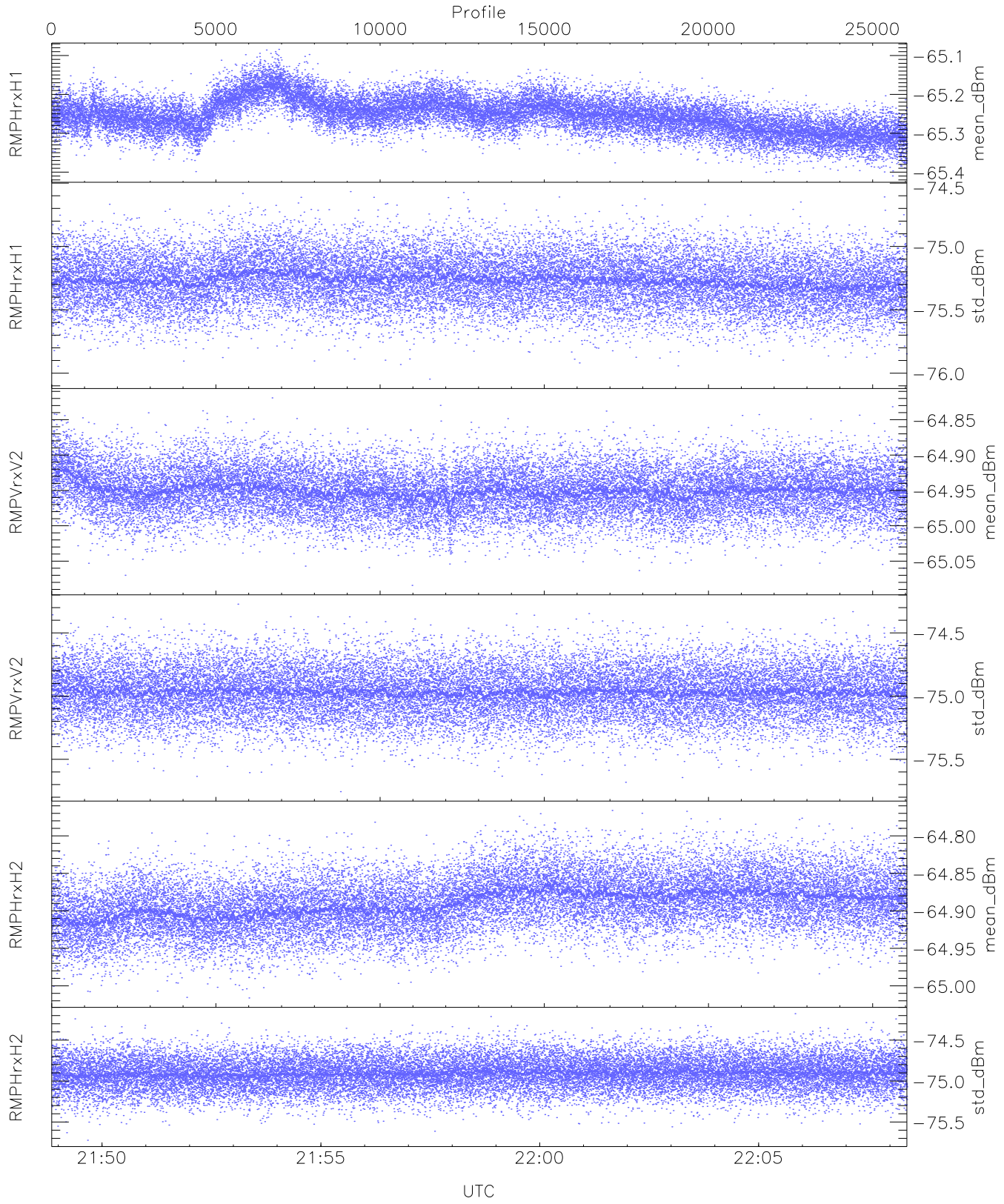
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,21,22,21,19
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,25,23,25
LOalarm(20,240,2817,14861 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (46,46,46,68,46,46)



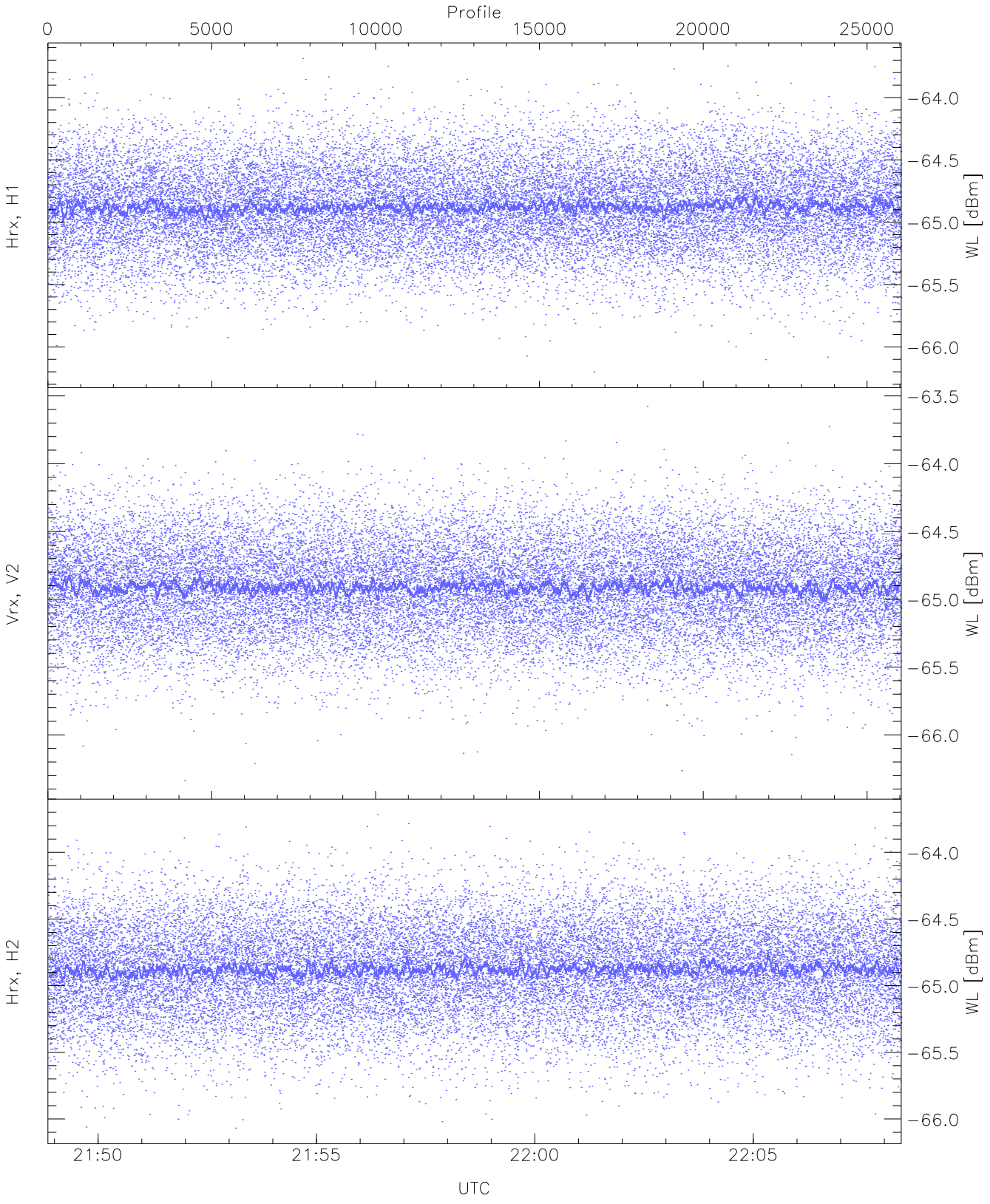
WCR3 CPP Receivers Gain and Noise Figure

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



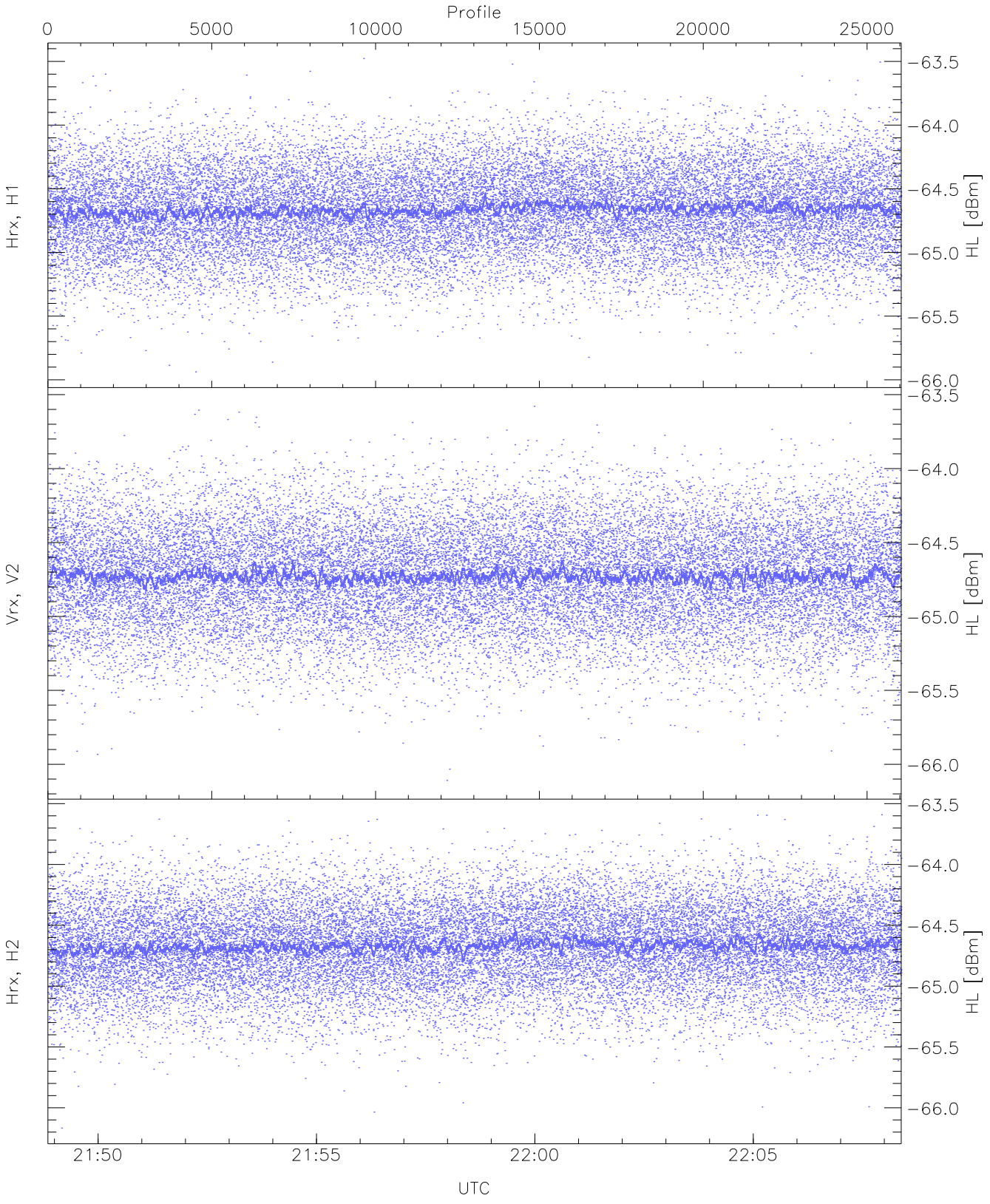
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.41	-65.08	-65.25	-65.25	-85.20
RMPHrxH1(std_dBm)	-76.05	-74.57	-75.27	-75.27	-89.02
RMPVrxV2(mean_dBm)	-65.08	-64.82	-64.95	-64.95	-86.46
RMPVrxV2(std_dBm)	-75.76	-74.27	-74.97	-74.97	-88.77
RMPHrxH2(mean_dBm)	-65.02	-64.77	-64.89	-64.89	-86.06
RMPHrxH2(std_dBm)	-75.72	-74.18	-74.91	-74.91	-88.71



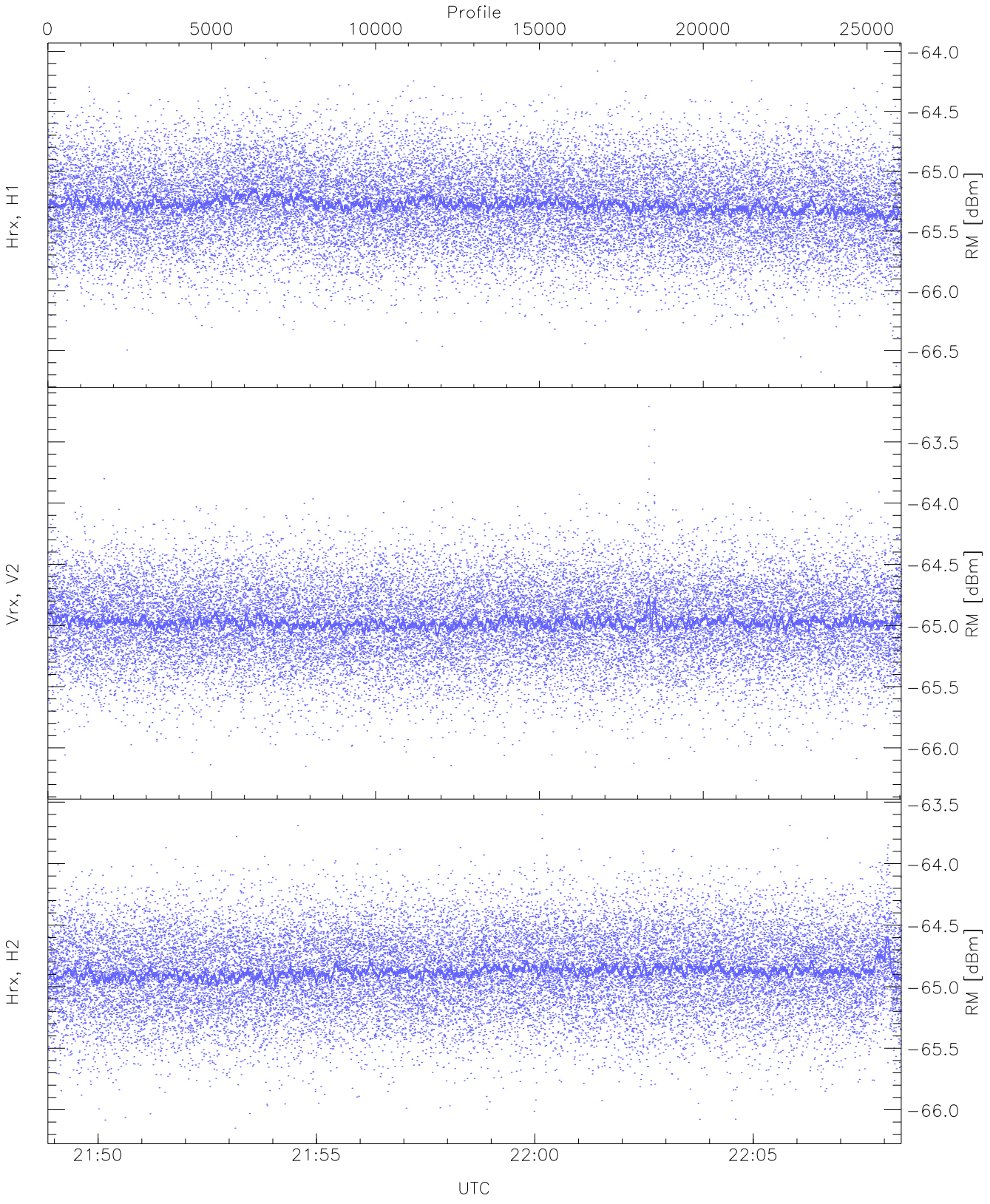
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.20	-63.69	-64.87	-64.88	-76.37
Vrx, V2(WL [dBm])	-66.34	-63.58	-64.90	-64.91	-76.41
Hrx, H2(WL [dBm])	-66.07	-63.72	-64.87	-64.88	-76.35



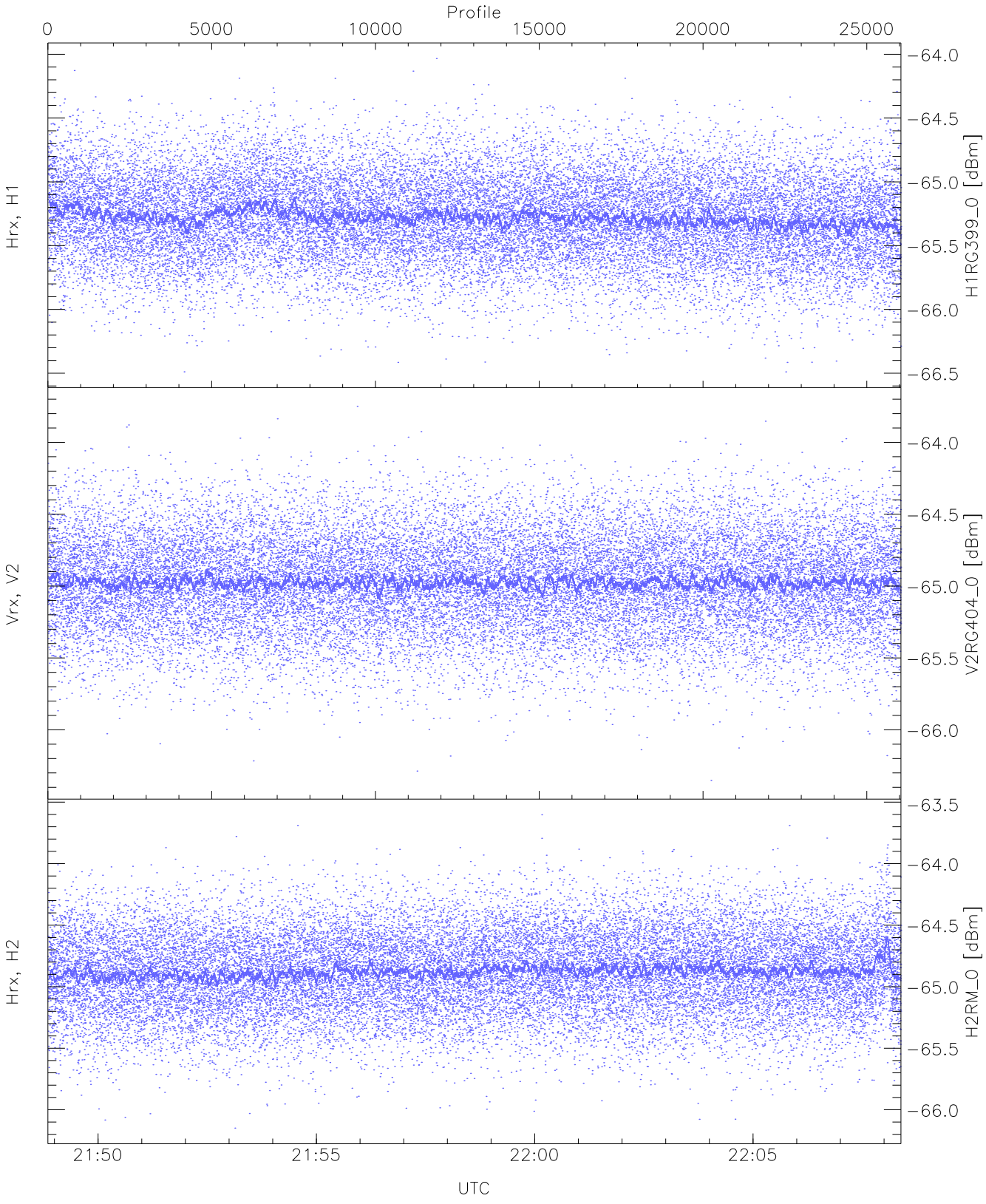
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.94	-63.48	-64.66	-64.67	-76.17
Vrx, V2(HL [dBm])	-66.11	-63.58	-64.72	-64.73	-76.21
Hrx, H2(HL [dBm])	-66.17	-63.59	-64.66	-64.67	-76.16



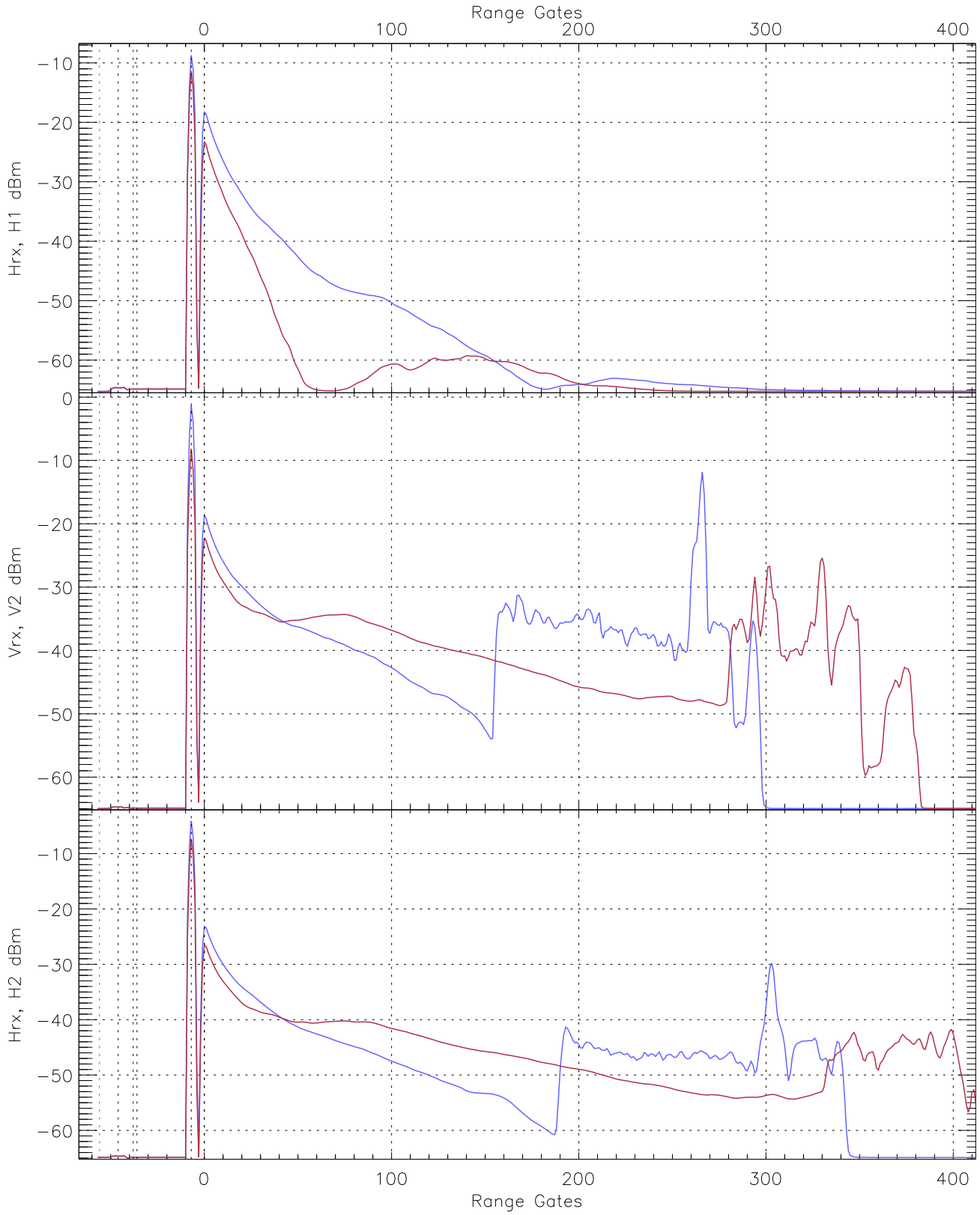
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.68	-64.06	-65.27	-65.28	-76.72
Vrx, V2(RM [dBm])	-66.27	-63.21	-64.97	-64.98	-76.45
Hrx, H2(RM [dBm])	-66.15	-63.60	-64.87	-64.88	-76.33

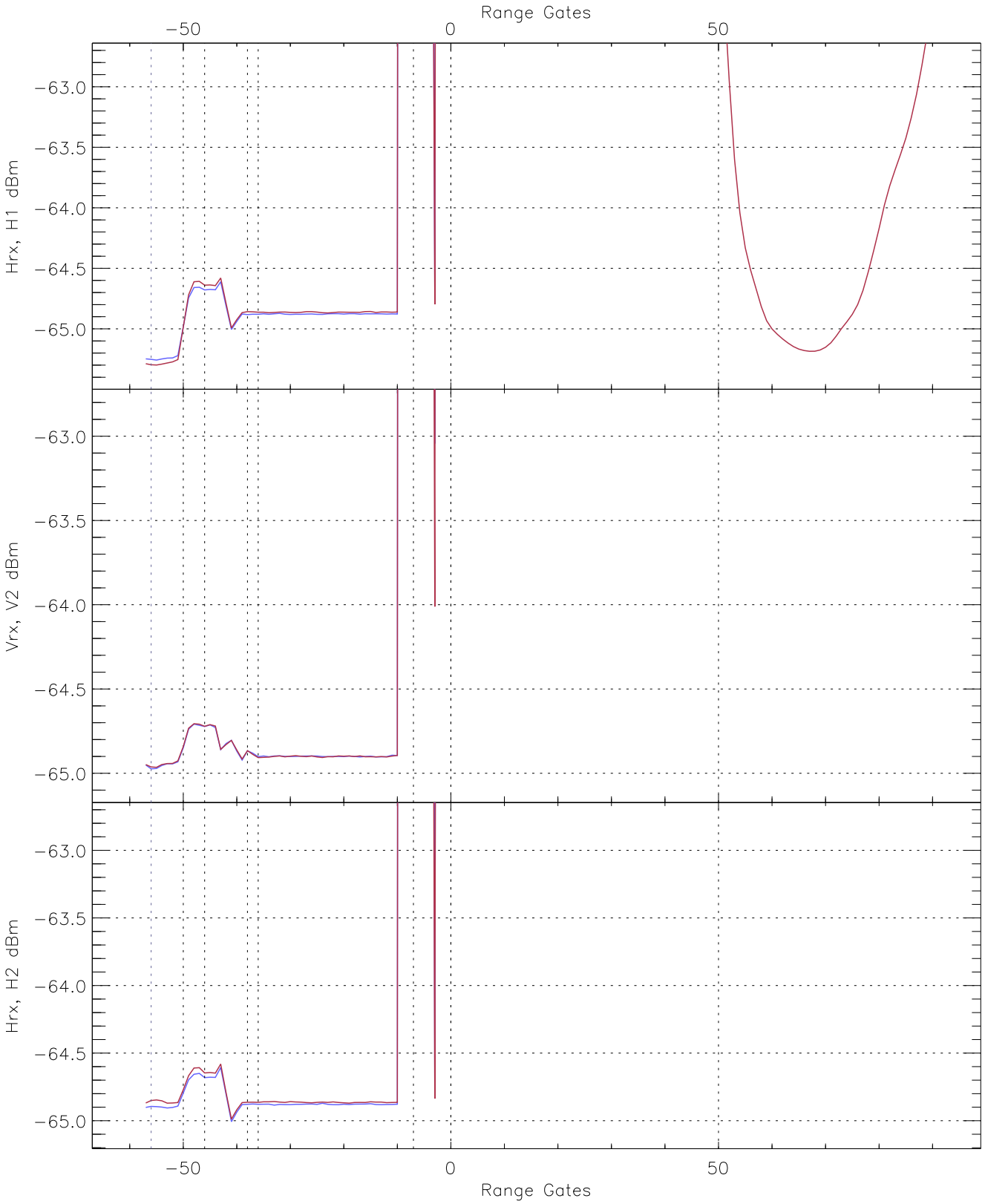


WCR3 CPP "Best" estimate Receivers Noise Power

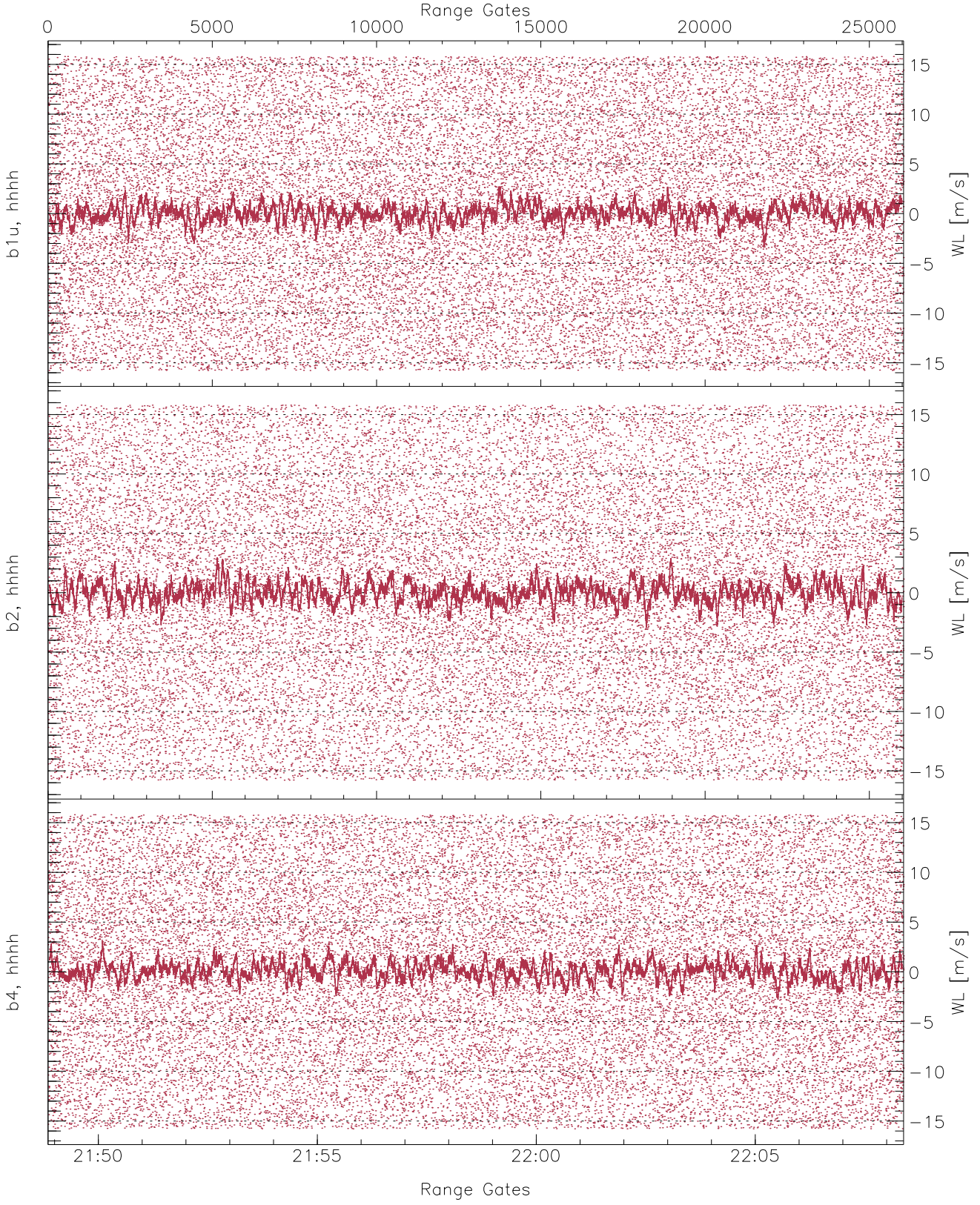
	Min	Max	Mean	Median	StDev
H1RG399_0 [dBm]	-66.49	-64.03	-65.27	-65.28	-76.73
V2RG404_0 [dBm]	-66.35	-63.75	-64.97	-64.98	-76.48
H2RM_0 [dBm]	-66.15	-63.60	-64.87	-64.88	-76.33



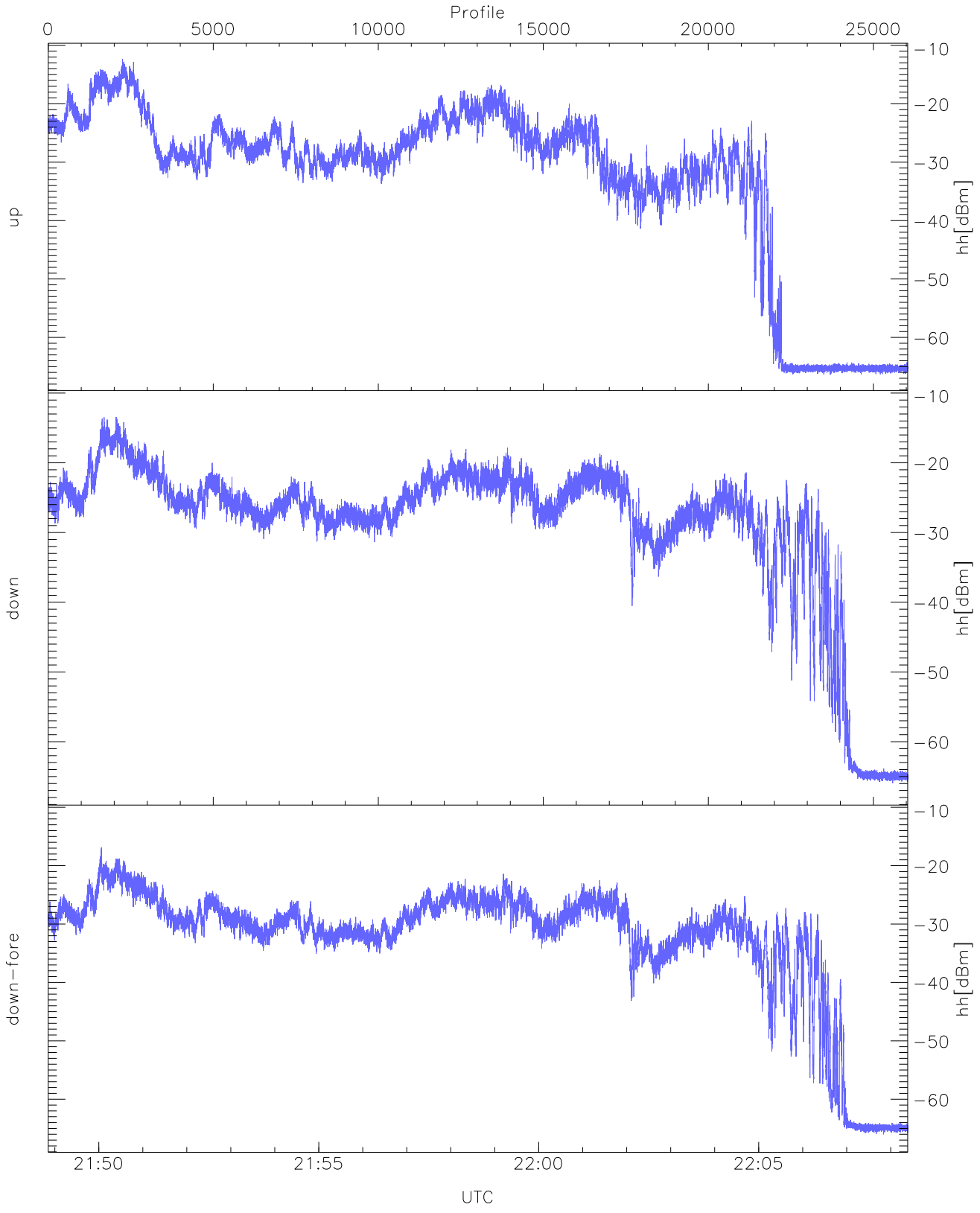
WCR3 CPP Averaged Received power for all recorded gates
blue: 214851-215837, 13023 profiles averaged
red: 215837-220823, 13022 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 214851-215837, 13023 profiles averaged
red: 215837-220823, 13022 profiles averaged

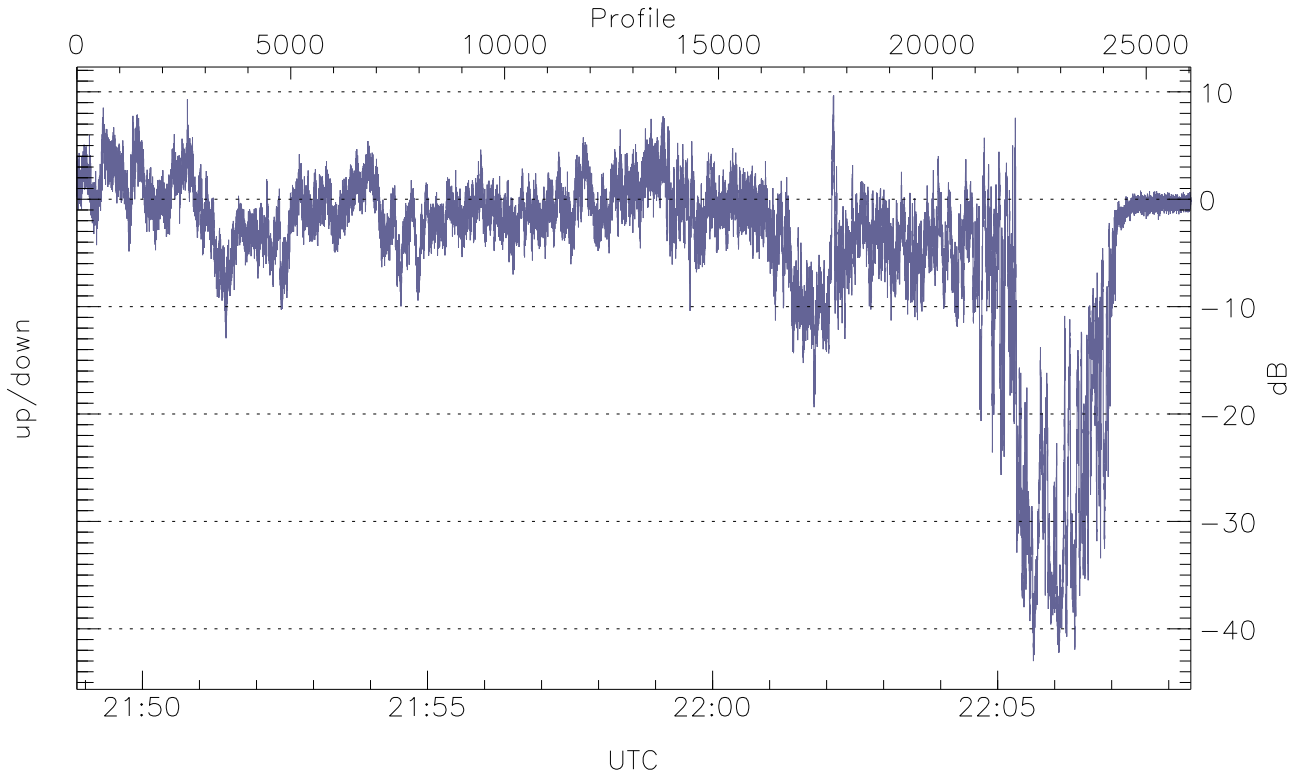


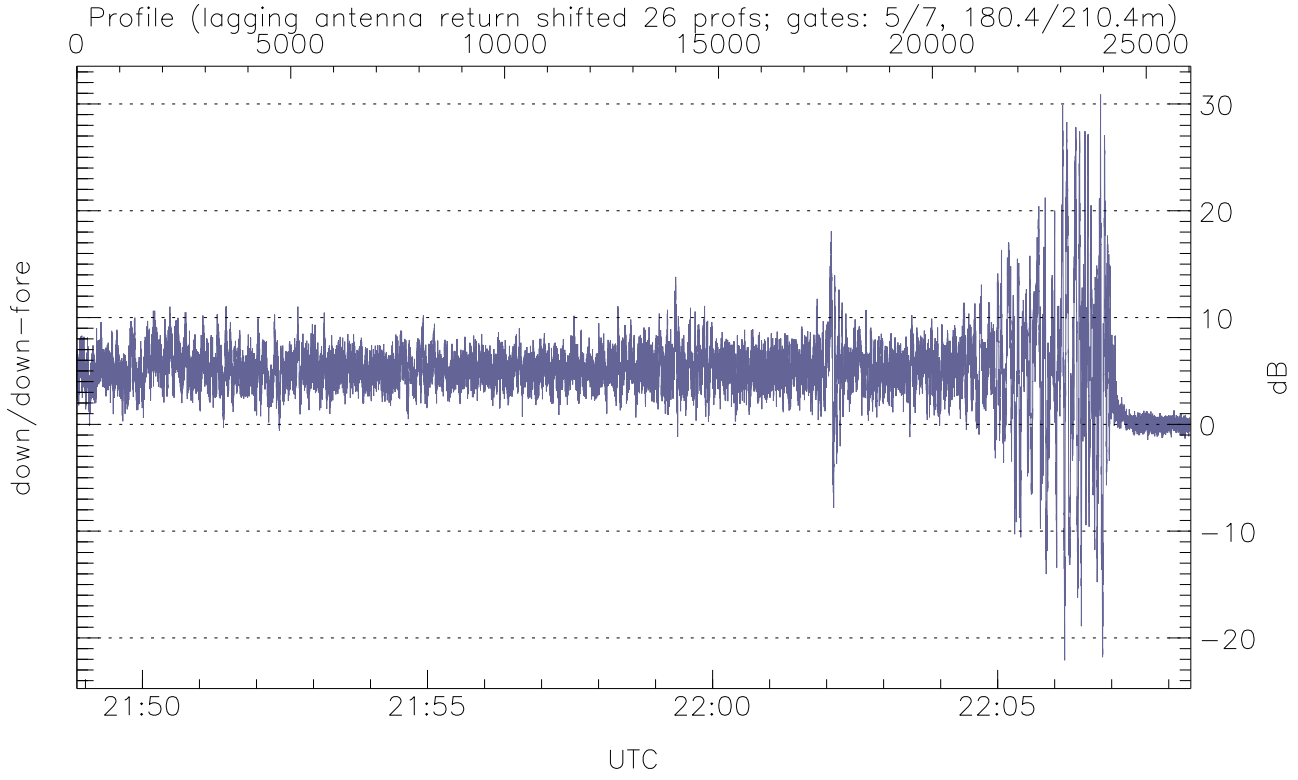
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

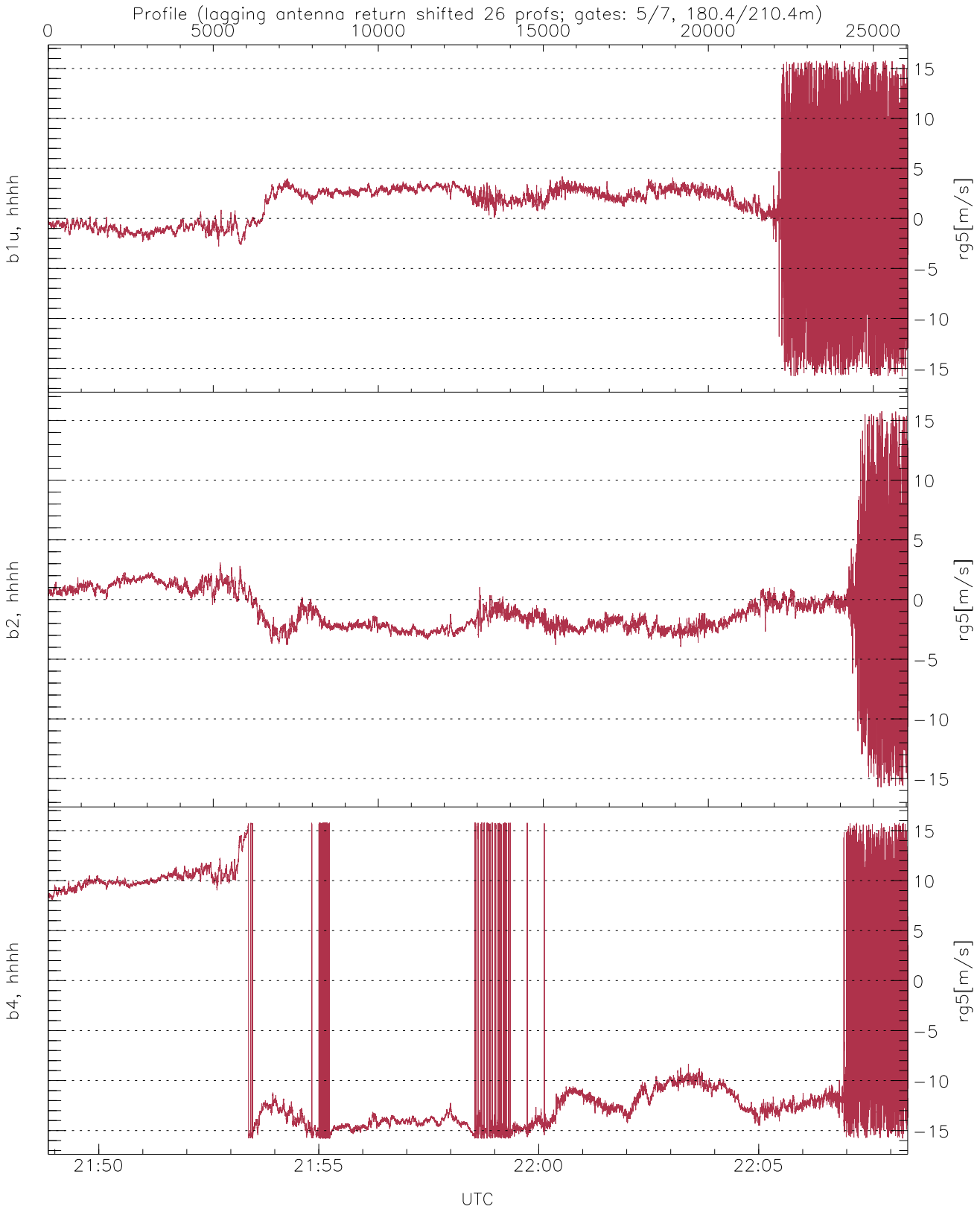
	Min	Max	Mean
up(hh[dBm])	-66.39	-12.33	-24.59
down(hh[dBm])	-65.95	-13.42	-24.24
down-fore(hh[dBm])	-66.00	-16.89	-28.27





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

	Min	Max	Mean
up/down(dB)	-43.01	9.68	-4.05
down/down-fore(dB)	-22.09	30.88	4.89



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.78	1.21	3.57
b2, hhhh(rg5[m/s])	-15.73	15.77	-0.95	2.31
b4, hhhh(rg5[m/s])	-15.79	15.79	-6.25	10.59