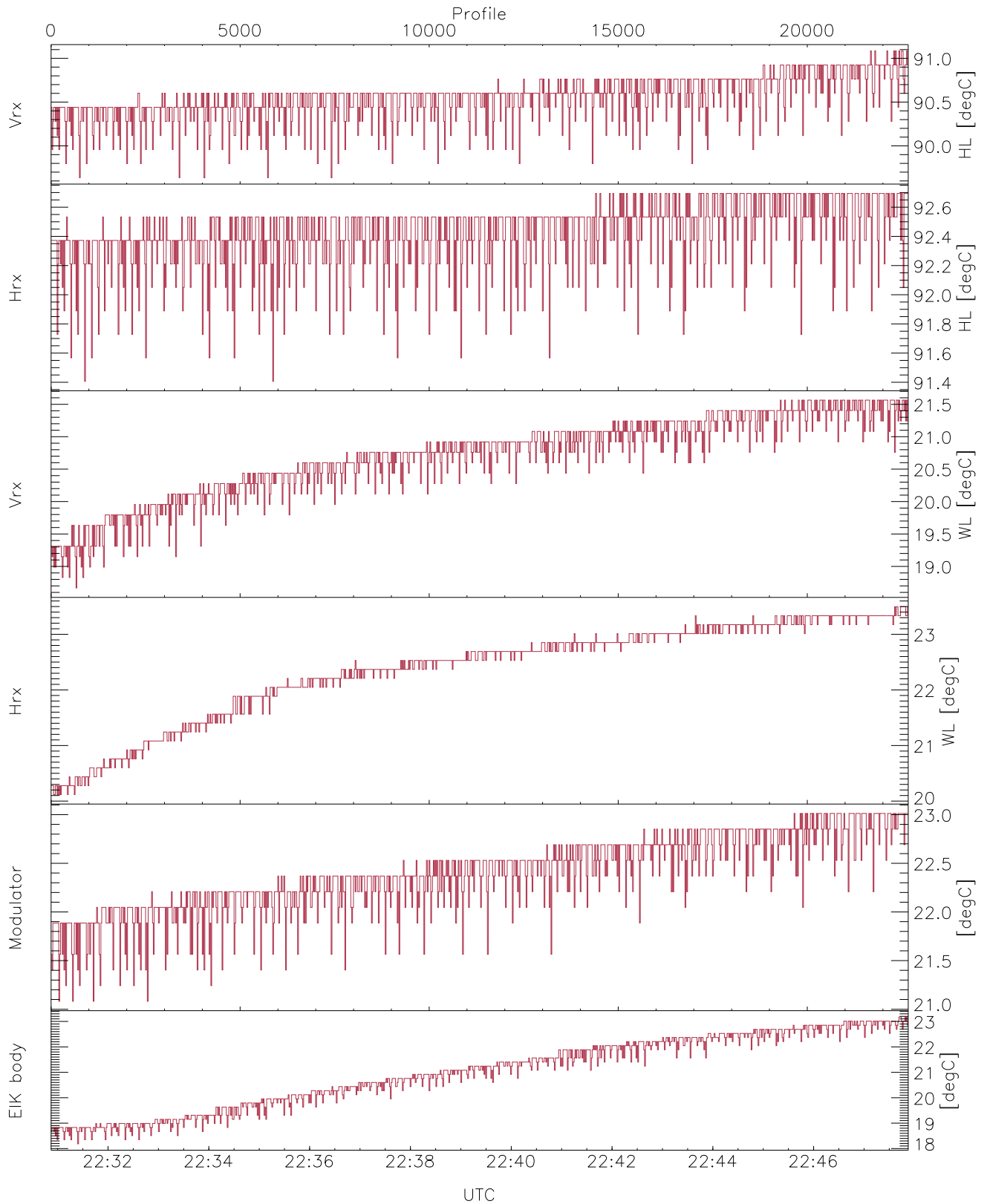




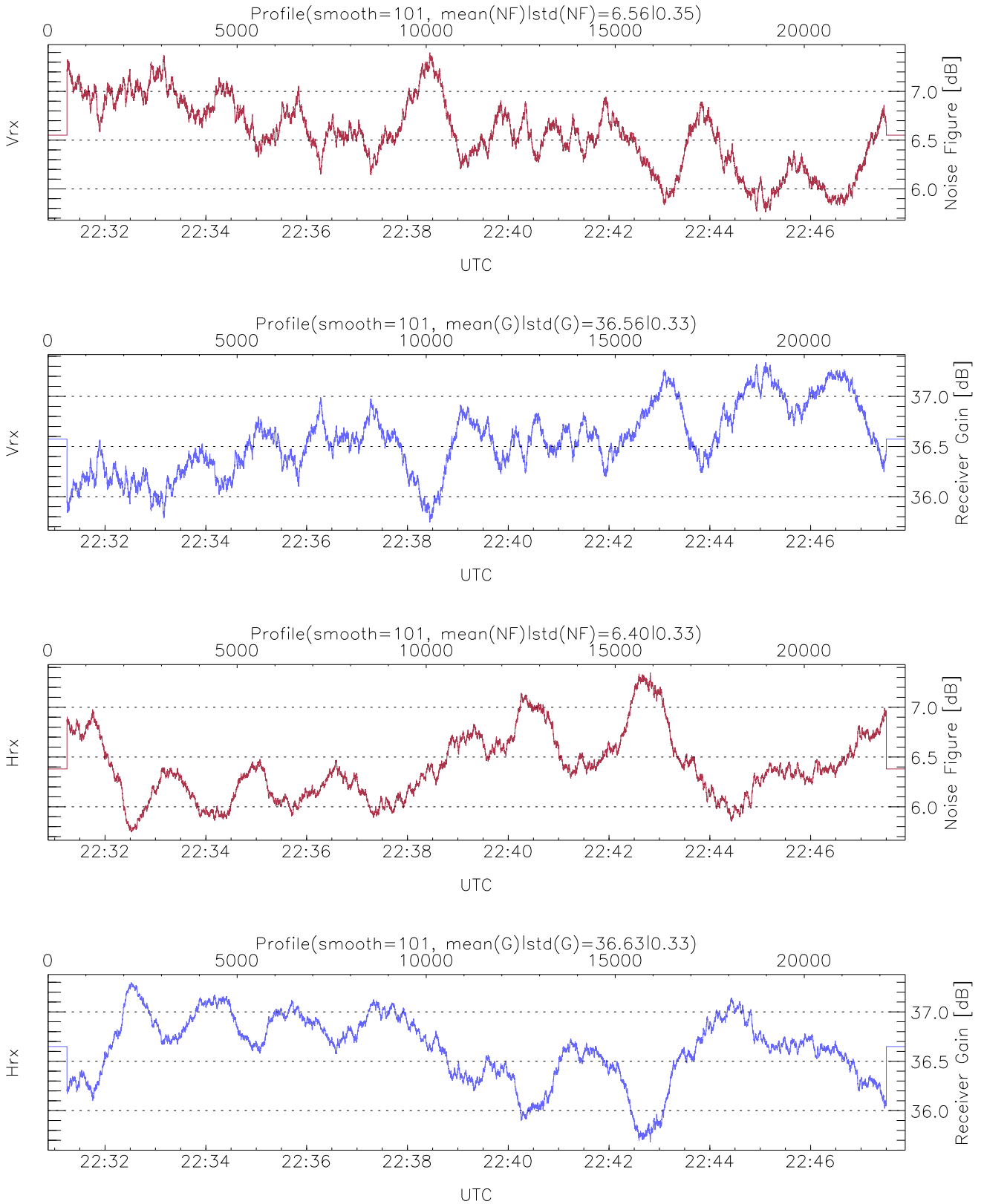
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 22:30:52-22:47:53, 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, 0-22671/22:30:52-22:47:53
 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



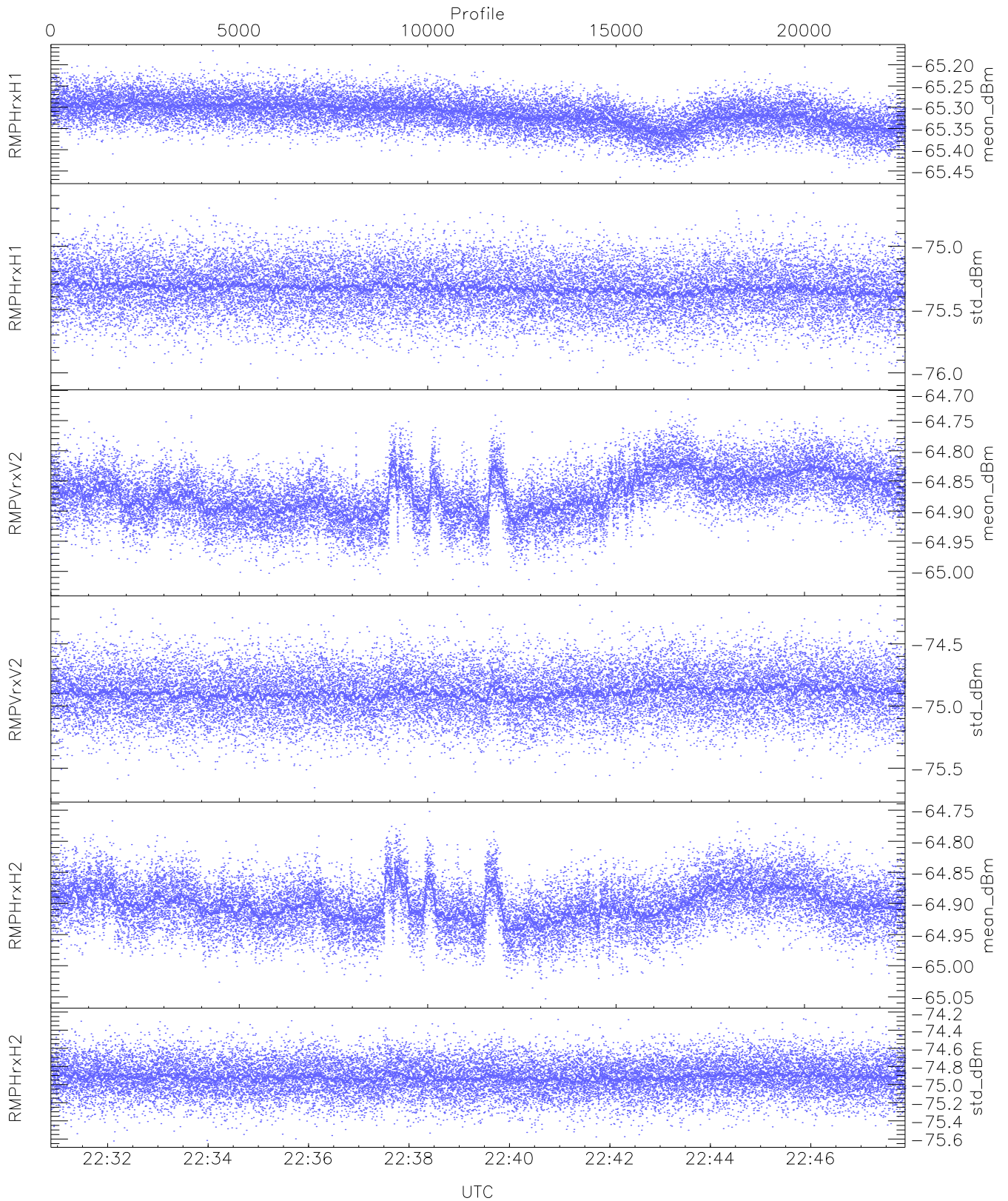
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,91,18,20,21,18
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,21,23,23,23
 LOalarm(20,240,2817,14861 MHz): 0,0,22,0
 EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,22,22,22,22)



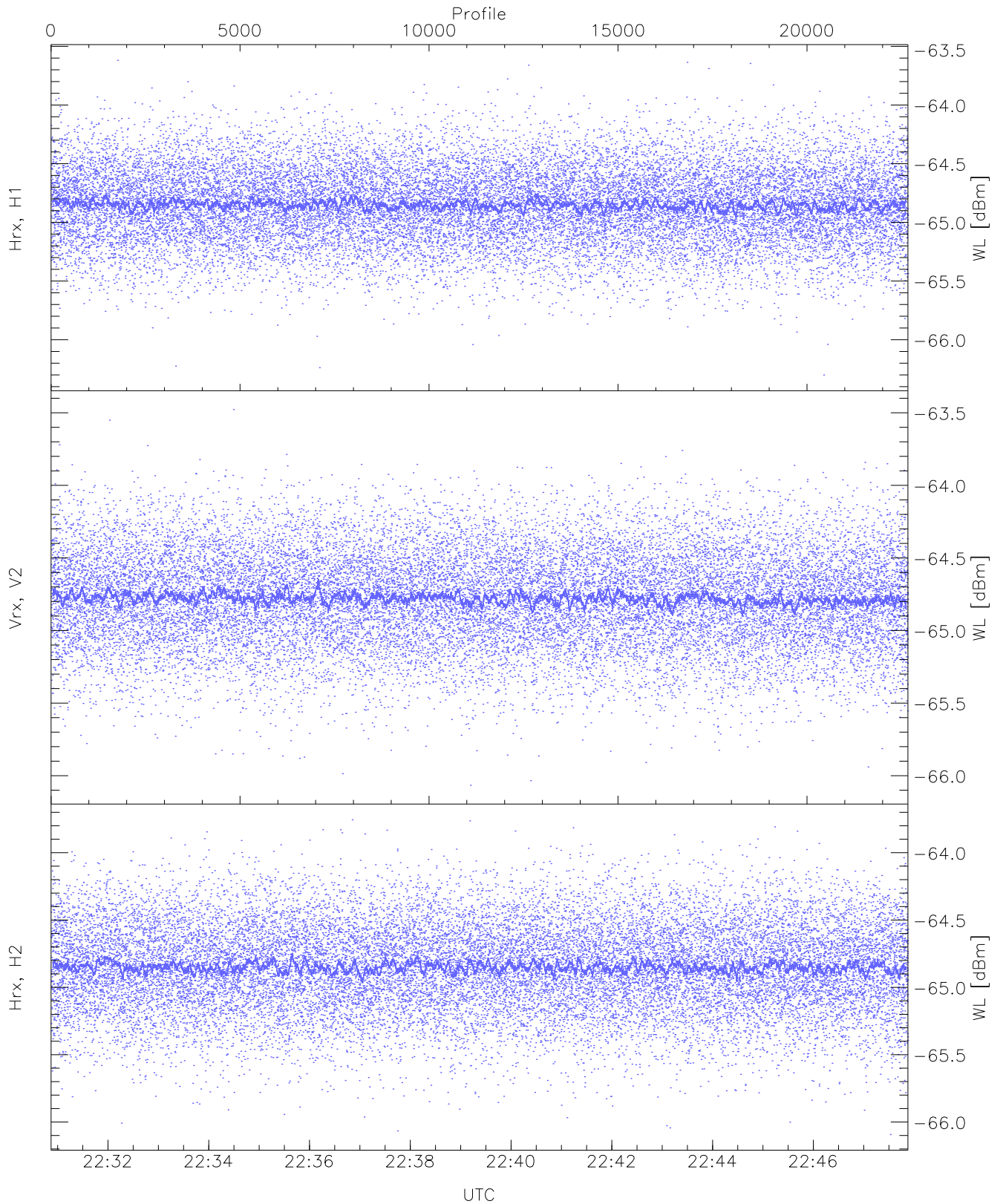
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 86 pixs, 5 gates, 86 profs, 1 prod(s)



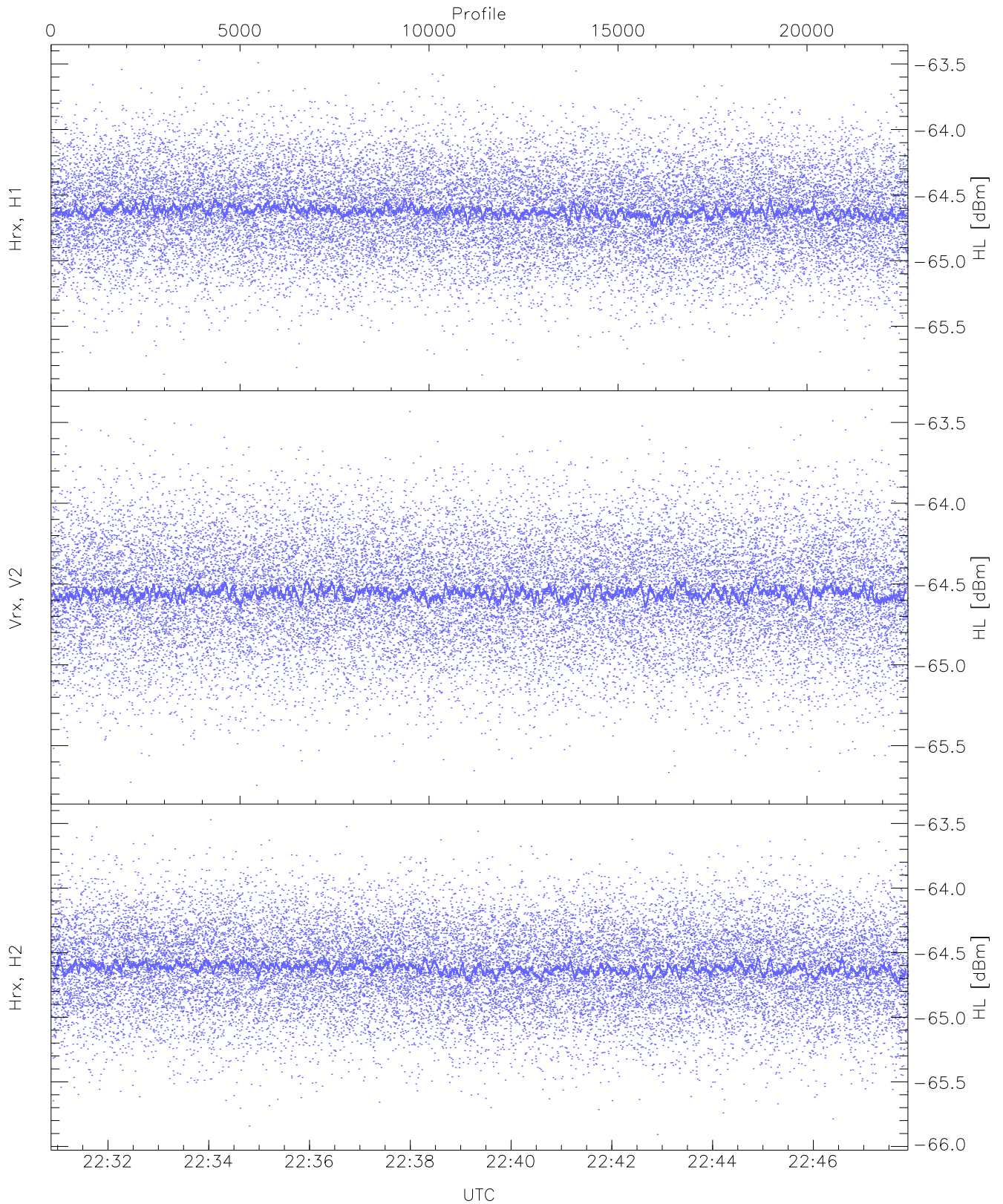
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.46	-65.17	-65.32	-65.31	-86.10
RMPHrxH1(std_dBm)	-76.06	-74.58	-75.33	-75.33	-89.10
RMPVrxV2(mean_dBm)	-65.03	-64.71	-64.87	-64.87	-85.05
RMPVrxV2(std_dBm)	-75.70	-74.19	-74.89	-74.89	-88.61
RMPHrxH2(mean_dBm)	-65.05	-64.75	-64.90	-64.90	-85.62
RMPHrxH2(std_dBm)	-75.62	-74.23	-74.92	-74.92	-88.69



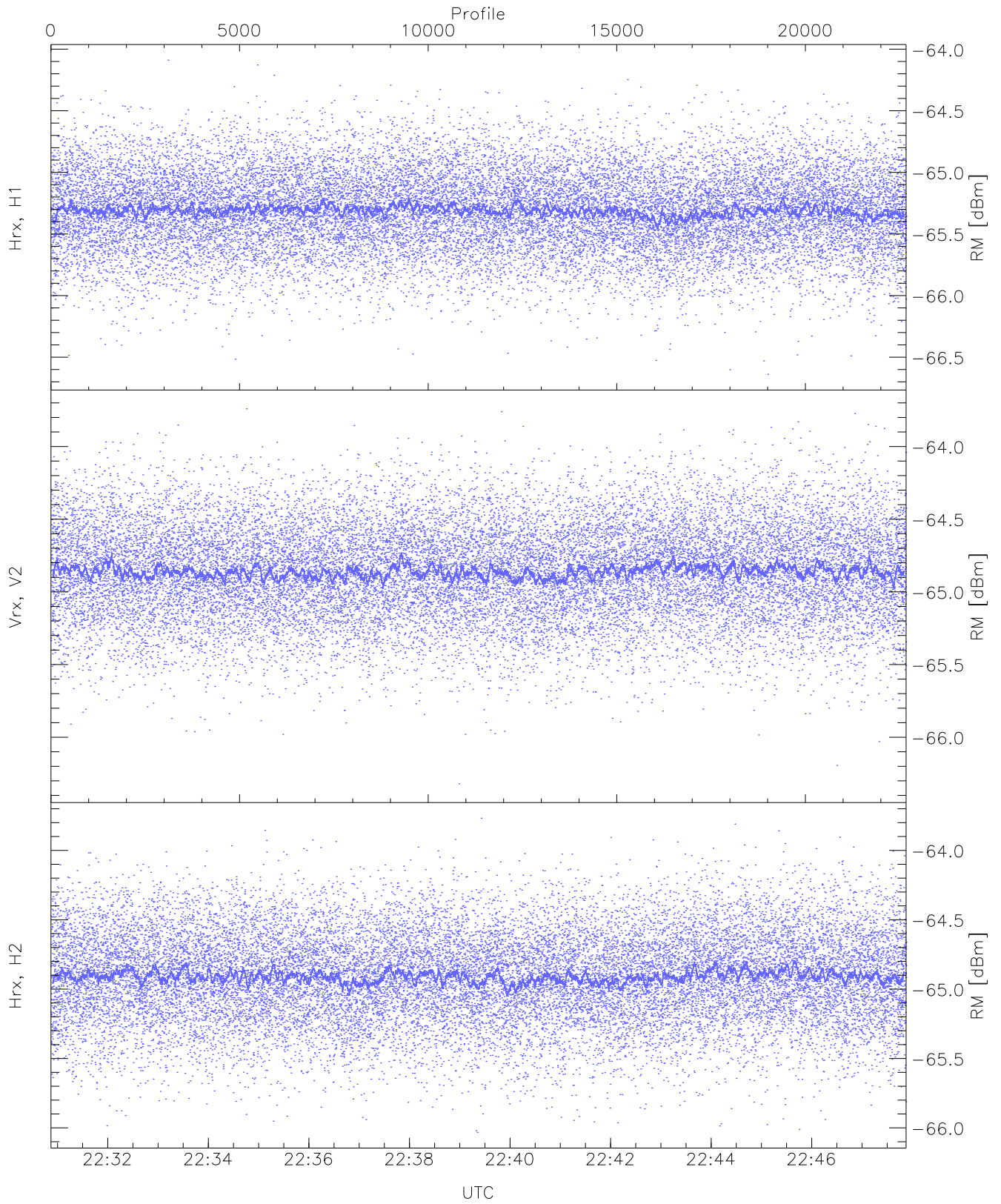
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.30	-63.62	-64.84	-64.85	-76.35
Vrx, V2 (WL [dBm])	-66.07	-63.48	-64.77	-64.78	-76.26
Hrx, H2 (WL [dBm])	-66.09	-63.76	-64.84	-64.85	-76.34



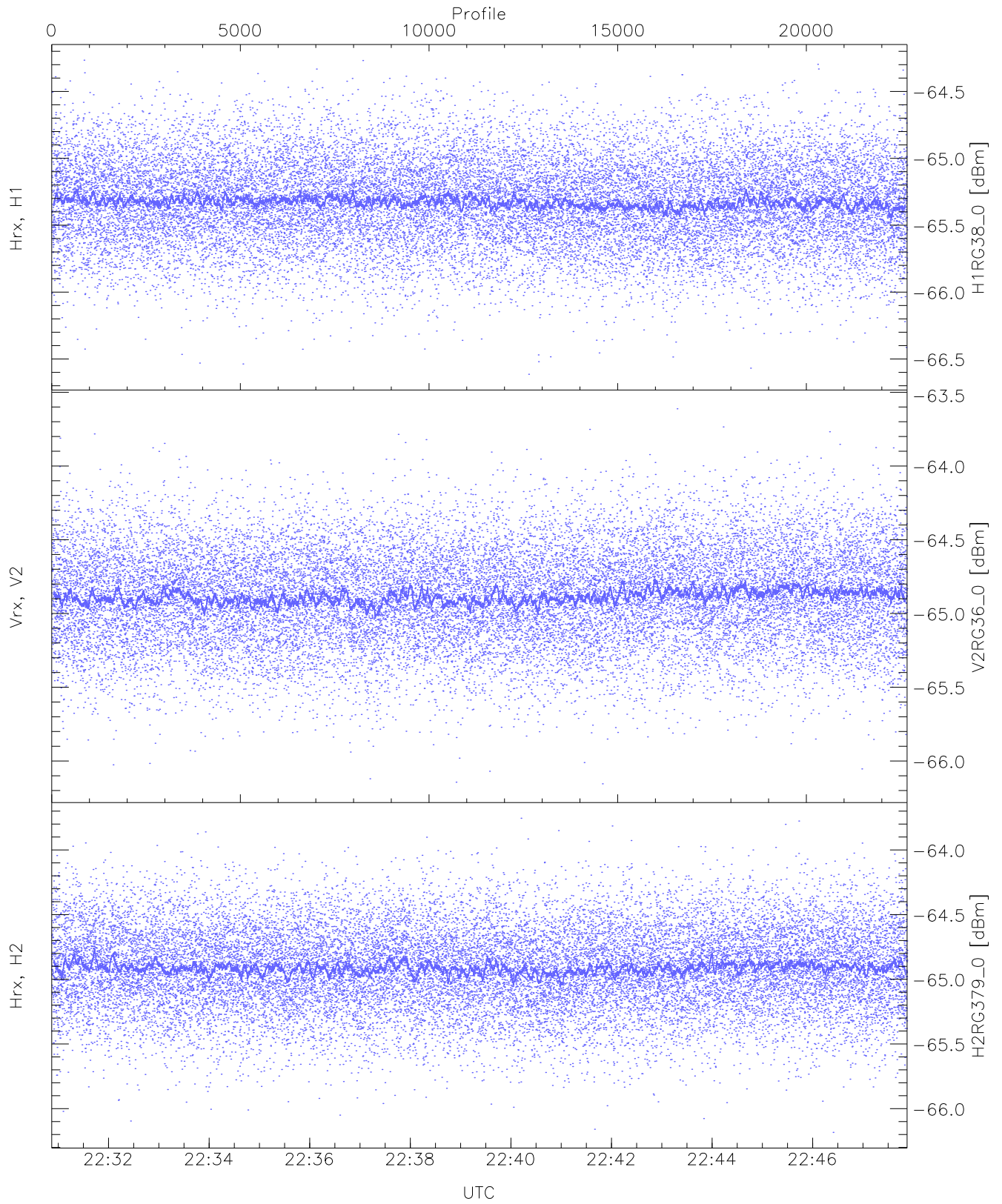
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.87	-63.47	-64.62	-64.62	-76.16
Vrx, V2 (HL [dBm])	-65.74	-63.42	-64.55	-64.56	-76.09
Hrx, H2 (HL [dBm])	-65.91	-63.47	-64.61	-64.62	-76.11



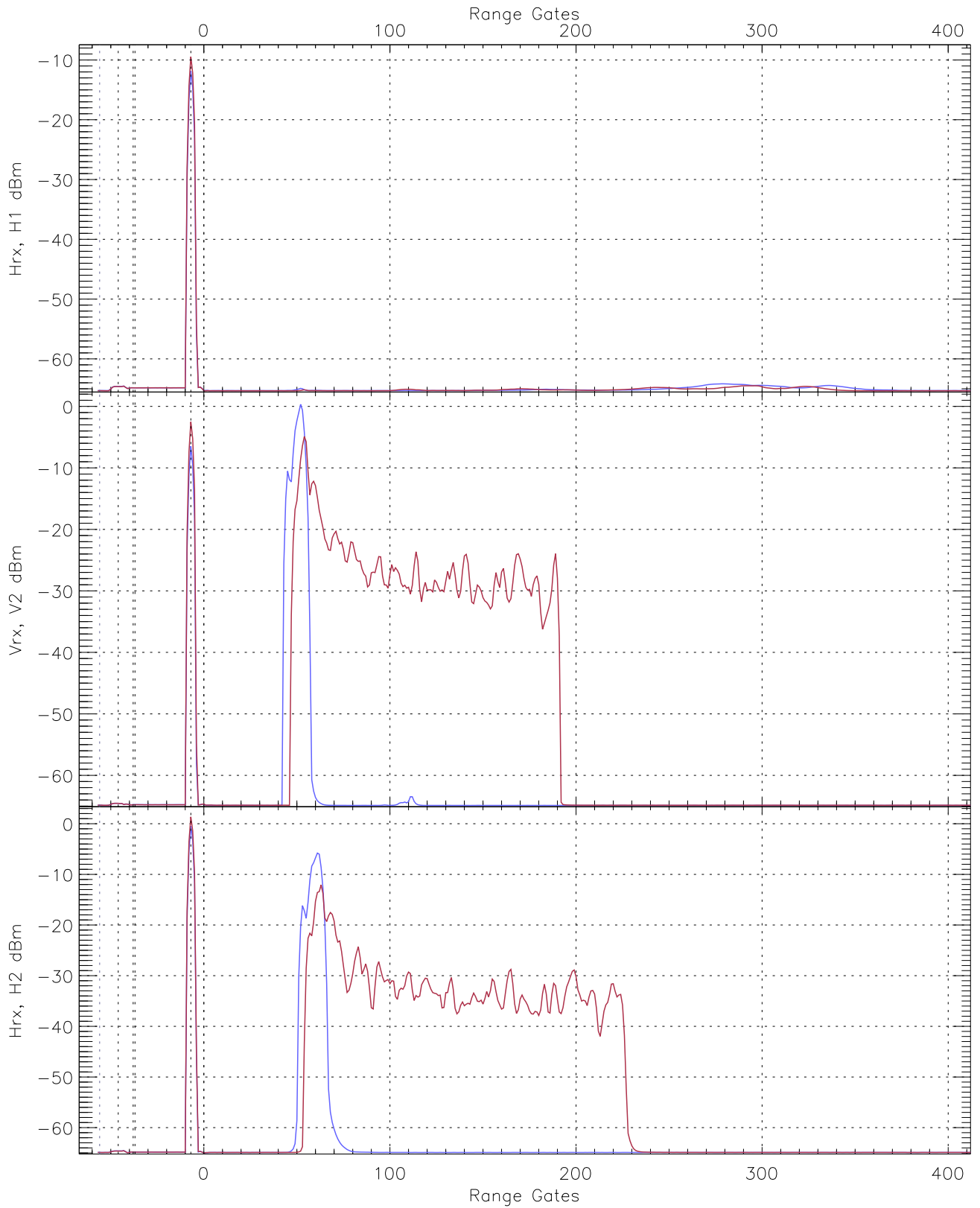
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.64	-64.09	-65.30	-65.31	-76.78
Vrx, V2 (RM [dBm])	-66.32	-63.74	-64.85	-64.86	-76.34
Hrx, H2 (RM [dBm])	-66.03	-63.77	-64.90	-64.91	-76.40

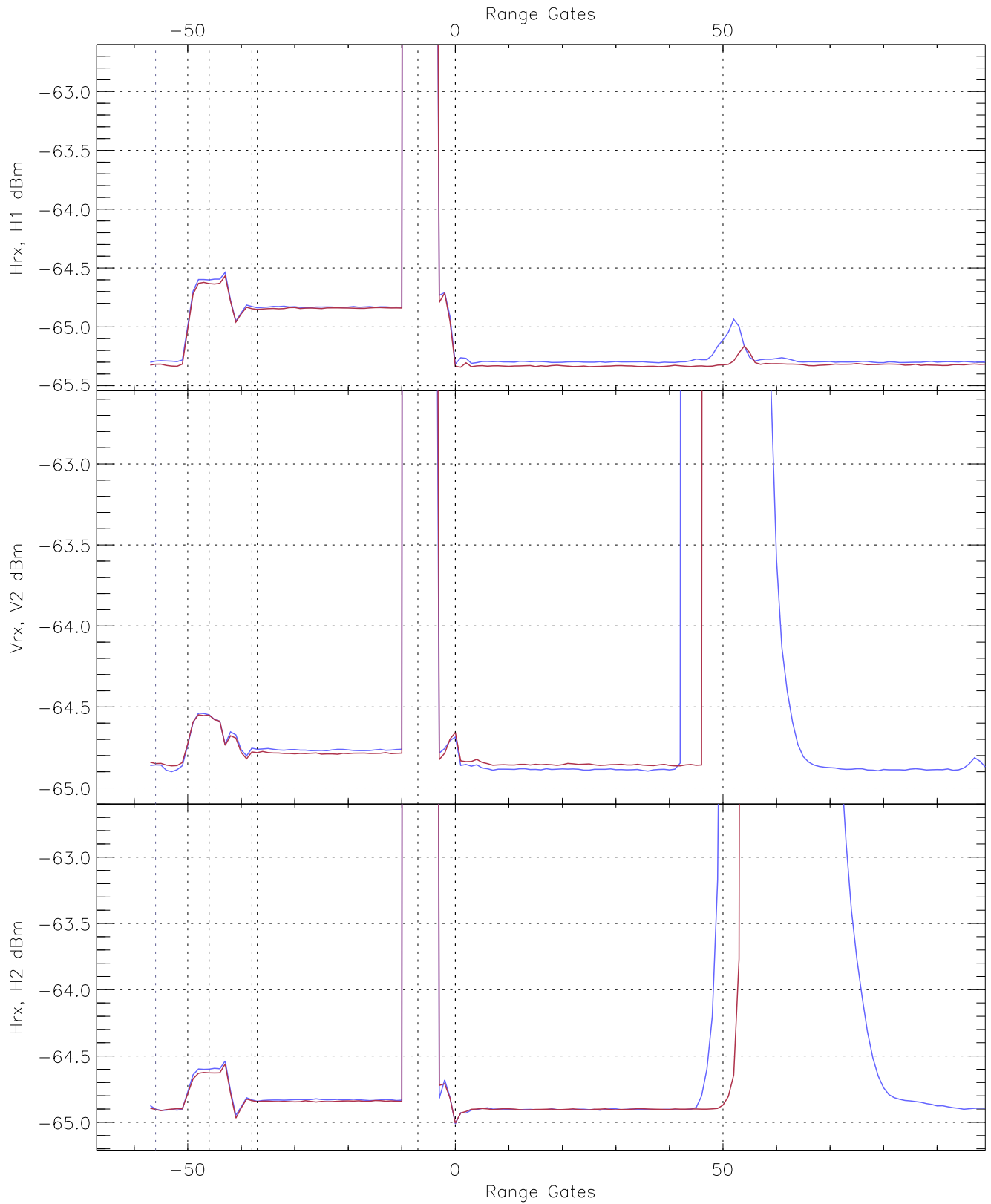


WCR3 CPP "Best" estimate Receivers Noise Power

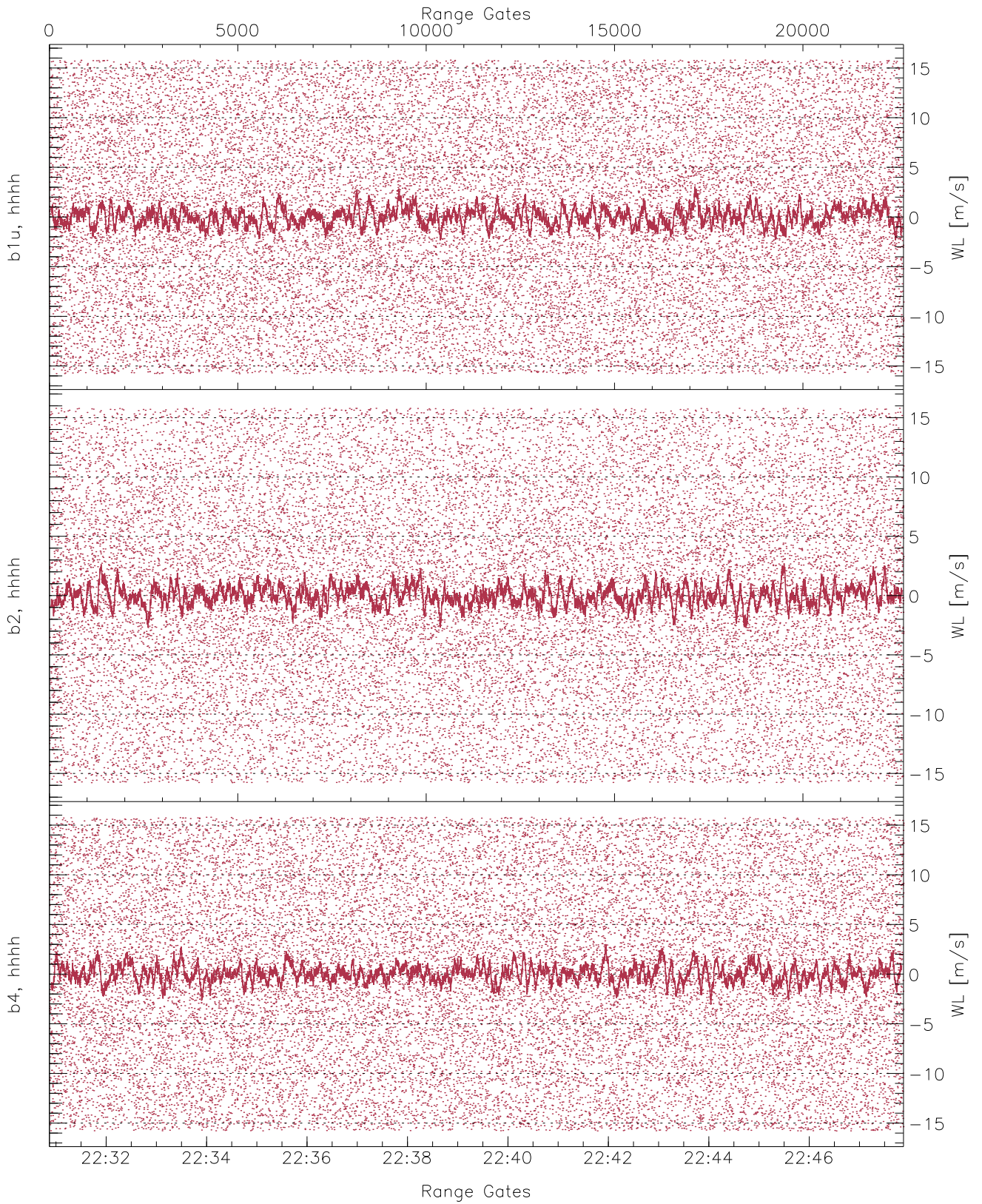
	Min	Max	Mean	Median	StDev
H1RG38_0 [dBm]	-66.61	-64.27	-65.32	-65.33	-76.82
V2RG36_0 [dBm]	-66.15	-63.61	-64.88	-64.89	-76.35
H2RG379_0 [dBm]	-66.18	-63.76	-64.91	-64.91	-76.40



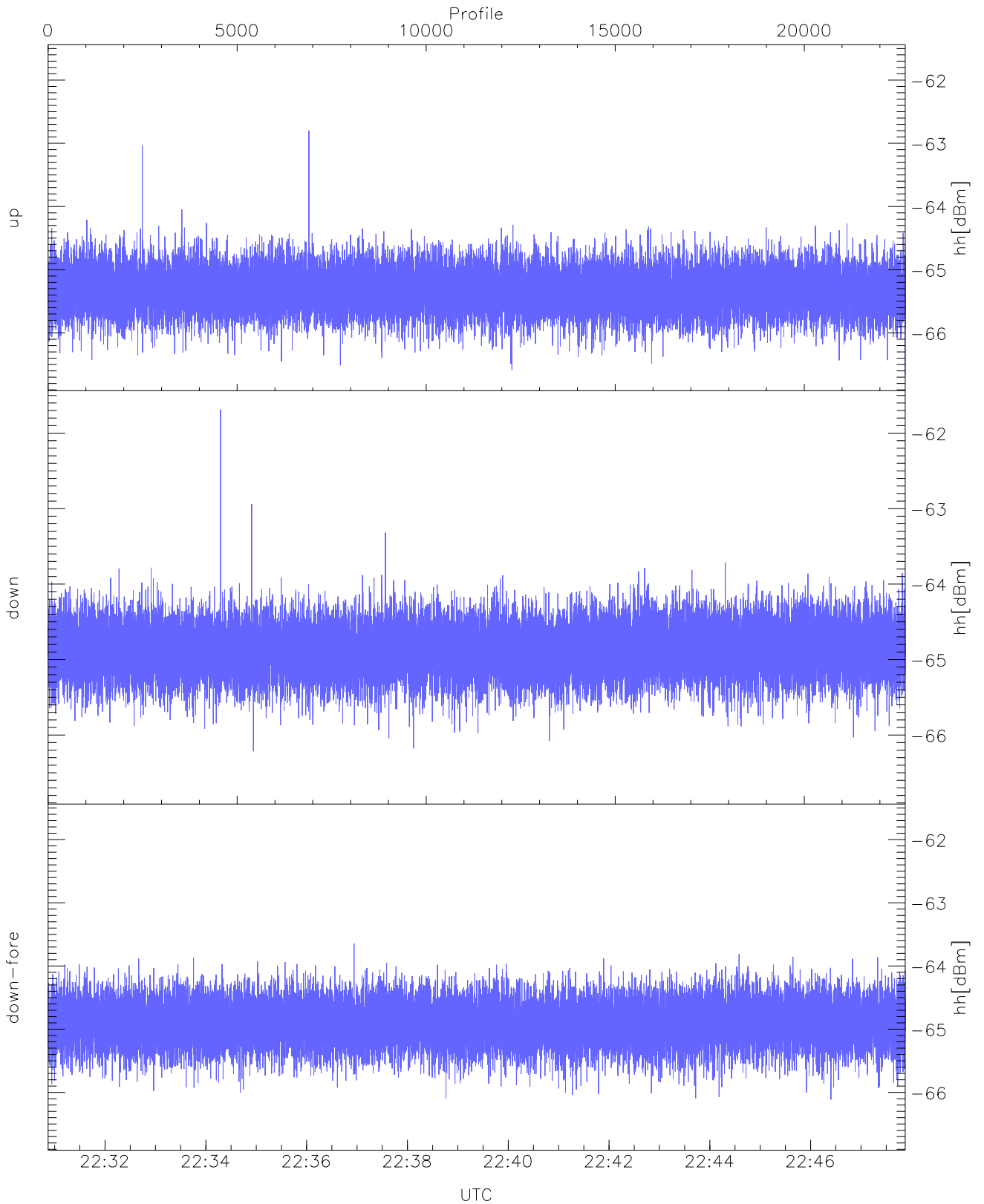
WCR3 CPP Averaged Received power for all recorded gates
blue: 223052-223922, 11337 profiles averaged
red: 223922-224753, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 223052-223922, 11337 profiles averaged
red: 223922-224753, 11336 profiles averaged

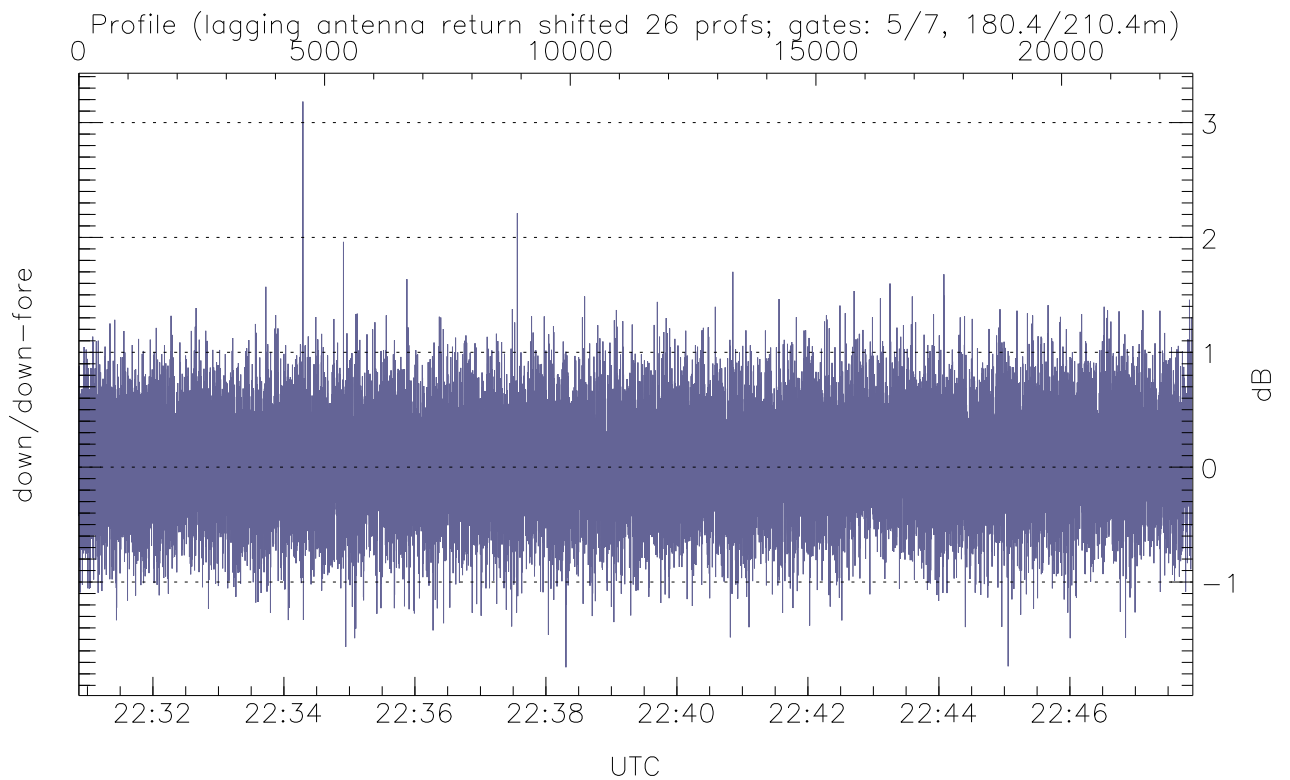
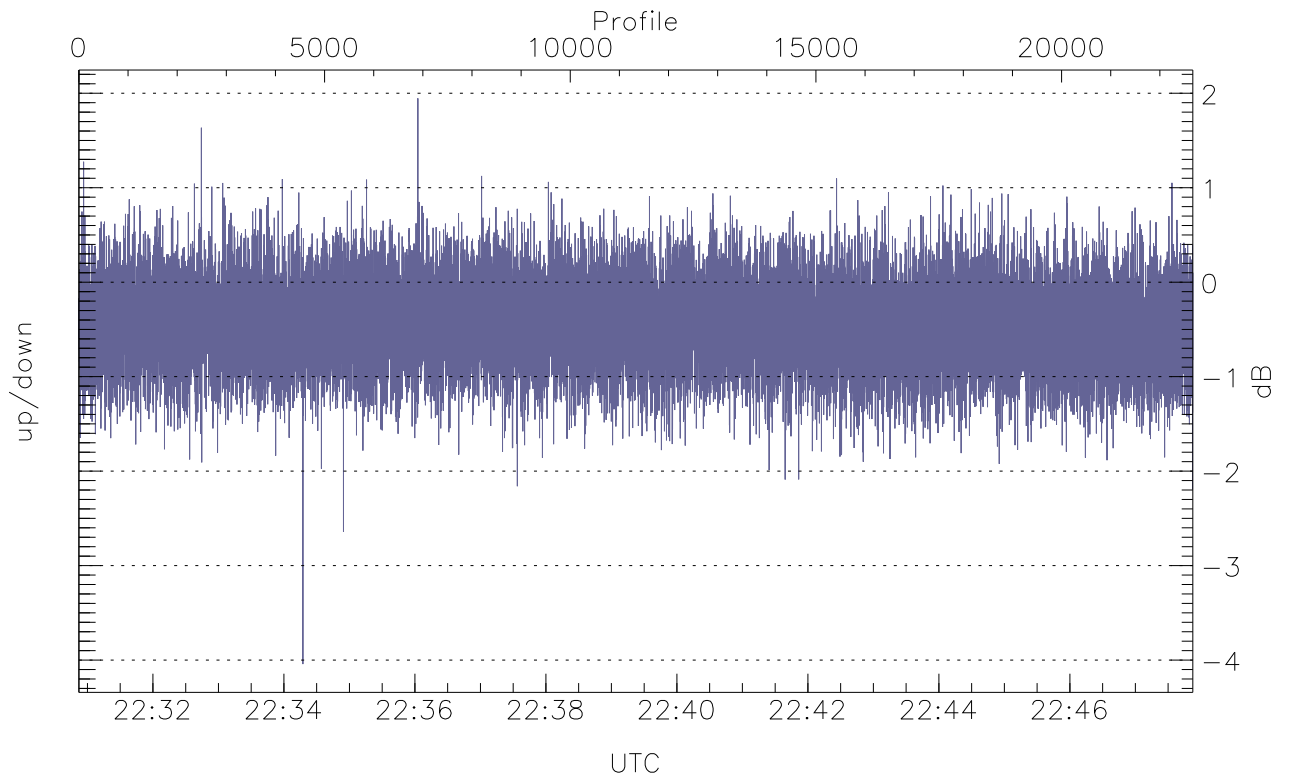


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



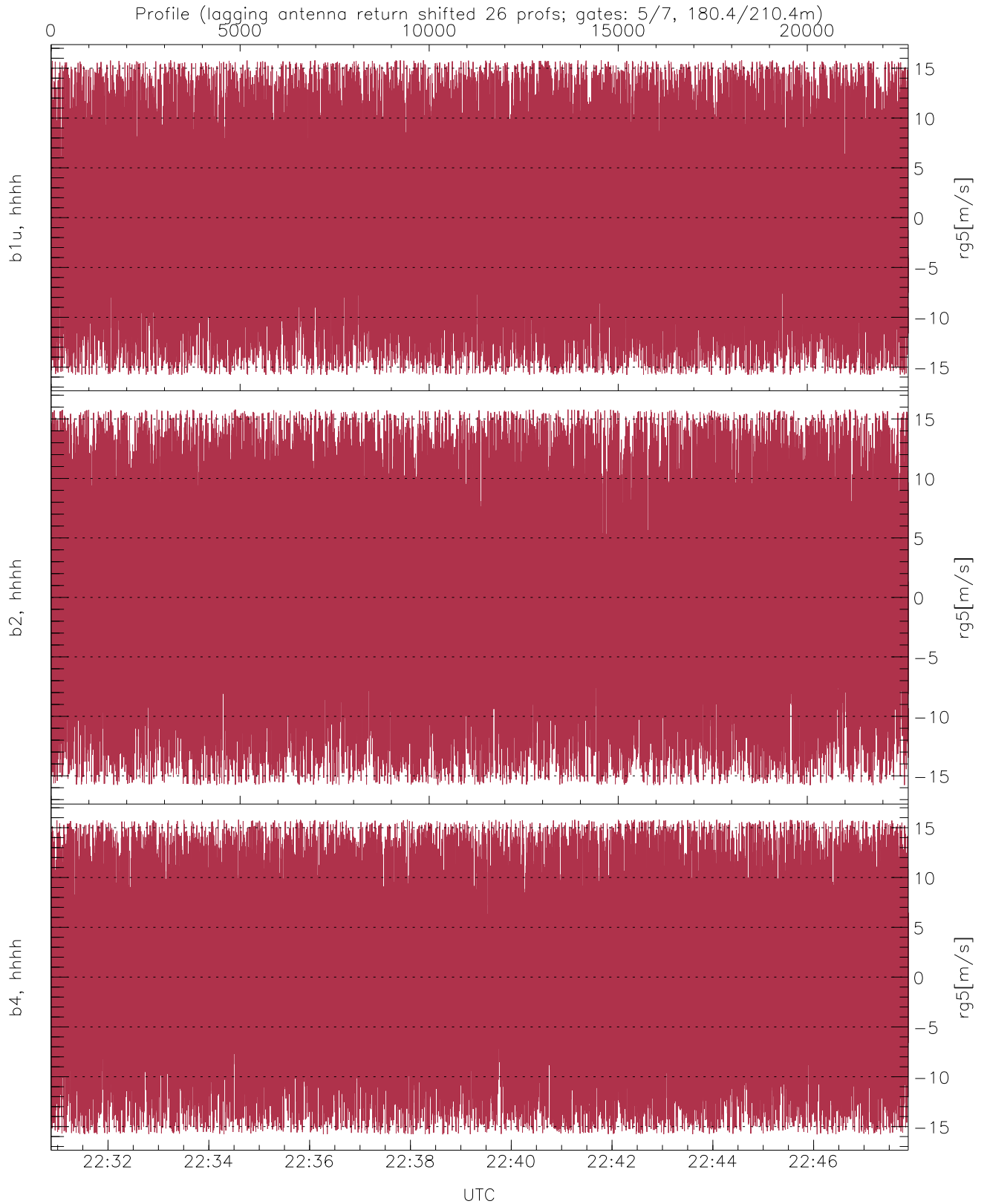
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.67	-62.80	-65.31
down(hh[dBm])	-66.22	-61.69	-64.86
down-fore(hh[dBm])	-66.11	-63.64	-64.90



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

	Min	Max	Mean
up/down (dB)	-4.04	1.95	-0.45
down/down-fore (dB)	-1.74	3.18	0.04



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	-0.05	8.49
b2, hhhh(rg5[m/s])	-15.78	15.79	0.03	8.32
b4, hhhh(rg5[m/s])	-15.78	15.79	0.01	8.47