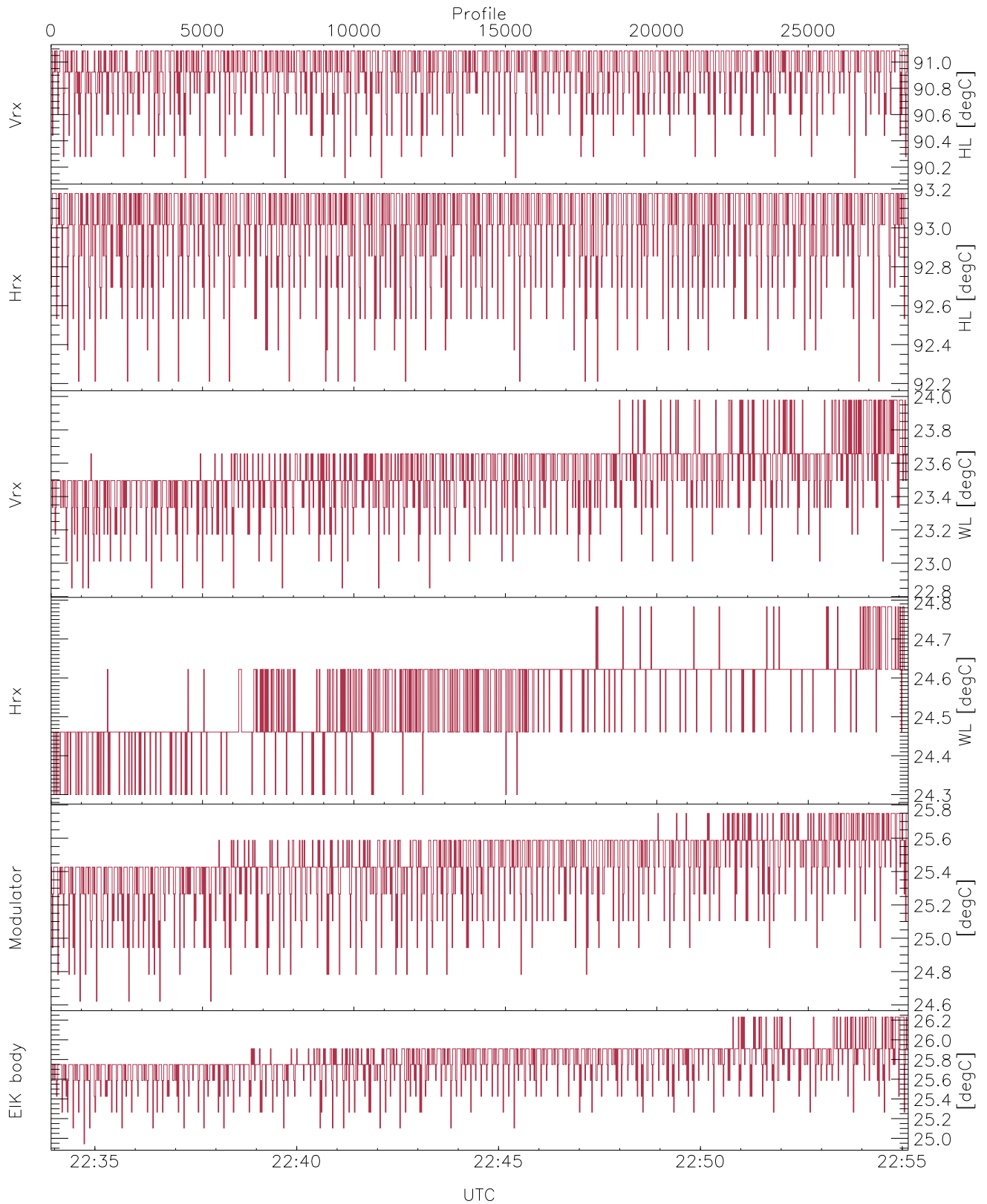


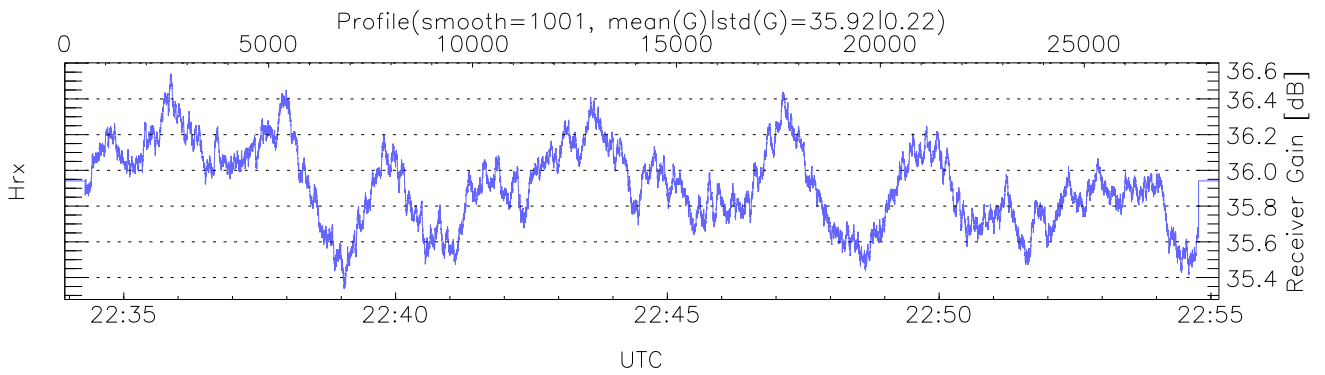
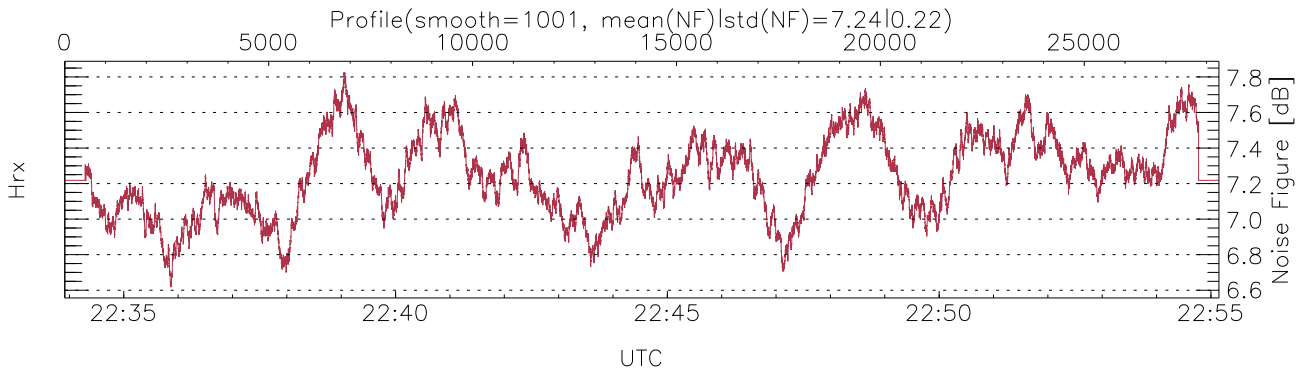
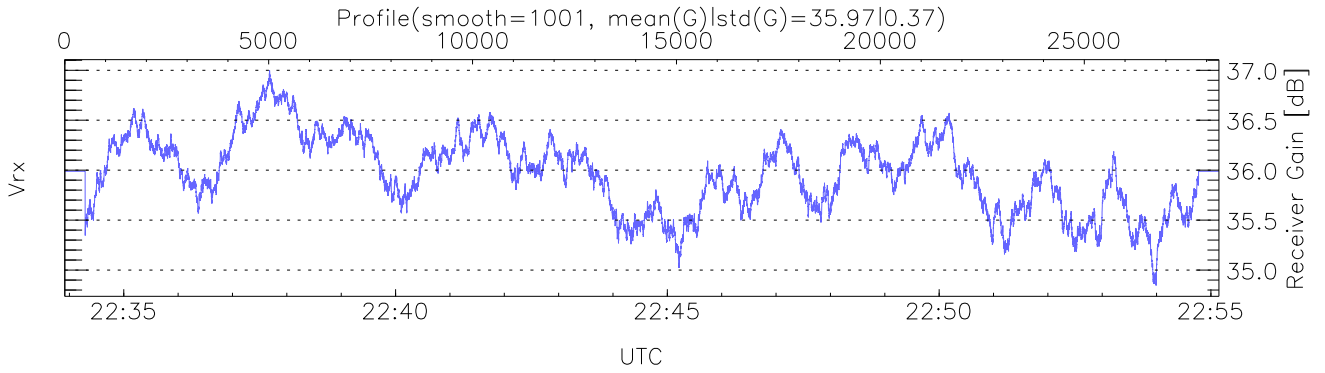
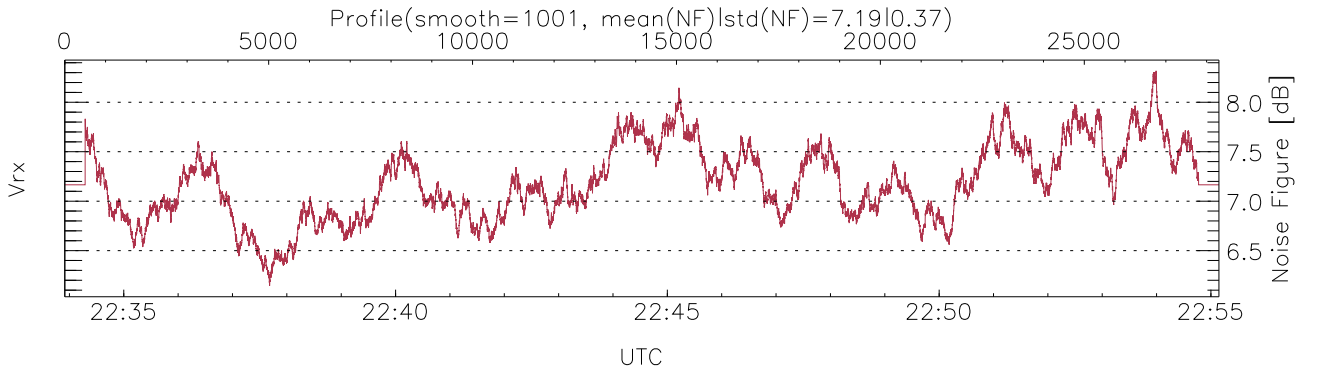
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 22:33:55-22:55:09, TimeCor: 0.00s, Dur: 1273.95s
 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): 28304/28304, 0-28303/22:33:55-22:55:09
 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



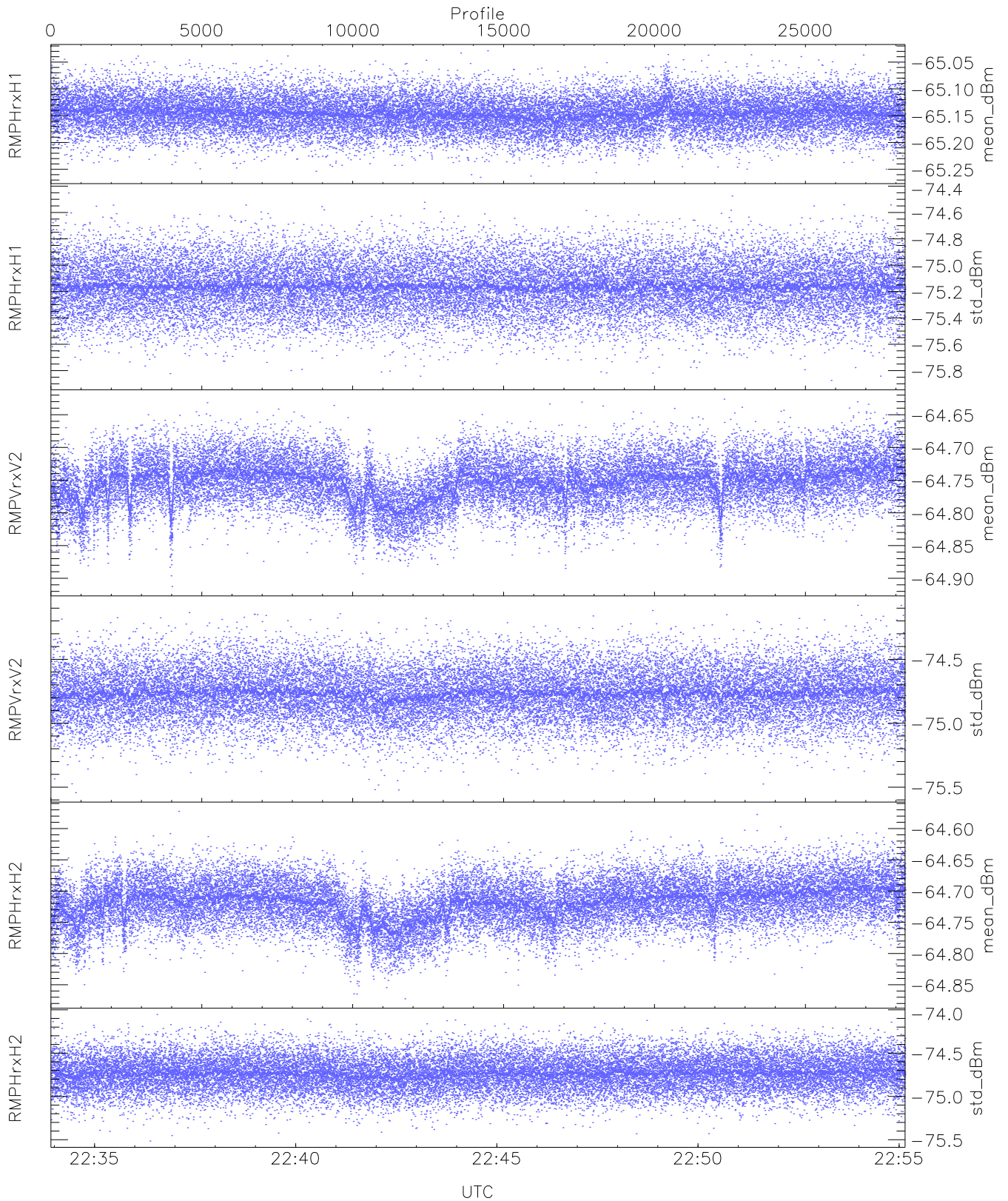
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

```
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,22,24,24,24
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,23,24,25,26
LOalarm(20,240,2817,14861 MHz): 0,0,90,0
EIK Faults(# prof affected):
  BodyCurr,DeckF,OverDuty (24,46,24)
```



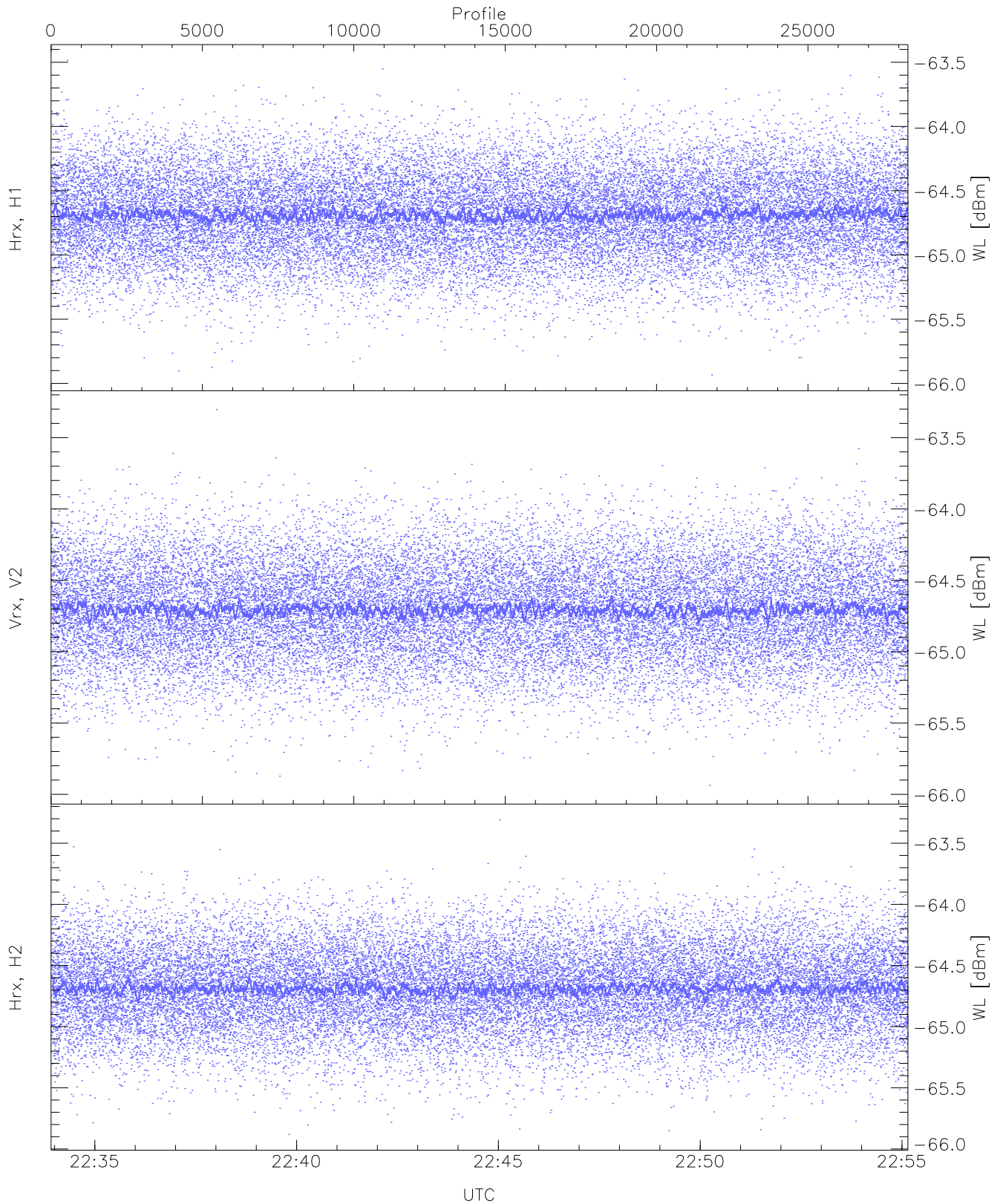
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 13 pixs, 6 gates, 13 profs, 1 prod(s)



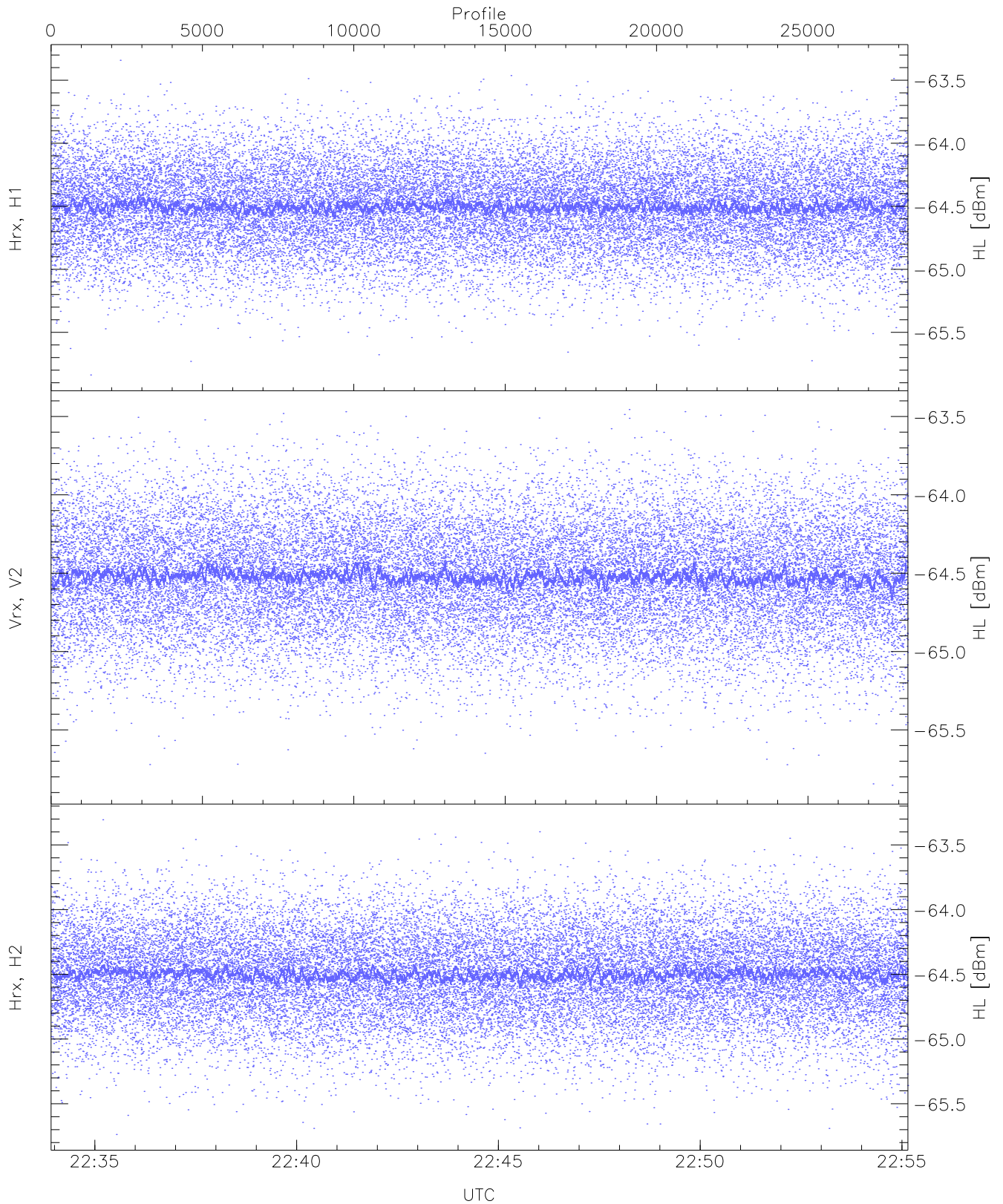
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.26	-65.03	-65.15	-65.15	-86.72
RMPHrxH1(std_dBm)	-75.87	-74.45	-75.16	-75.16	-88.96
RMPVrxV2(mean_dBm)	-64.91	-64.63	-64.75	-64.75	-85.63
RMPVrxV2(std_dBm)	-75.54	-74.08	-74.77	-74.77	-88.52
RMPHrxH2(mean_dBm)	-64.87	-64.57	-64.72	-64.72	-85.69
RMPHrxH2(std_dBm)	-75.51	-74.05	-74.73	-74.74	-88.49



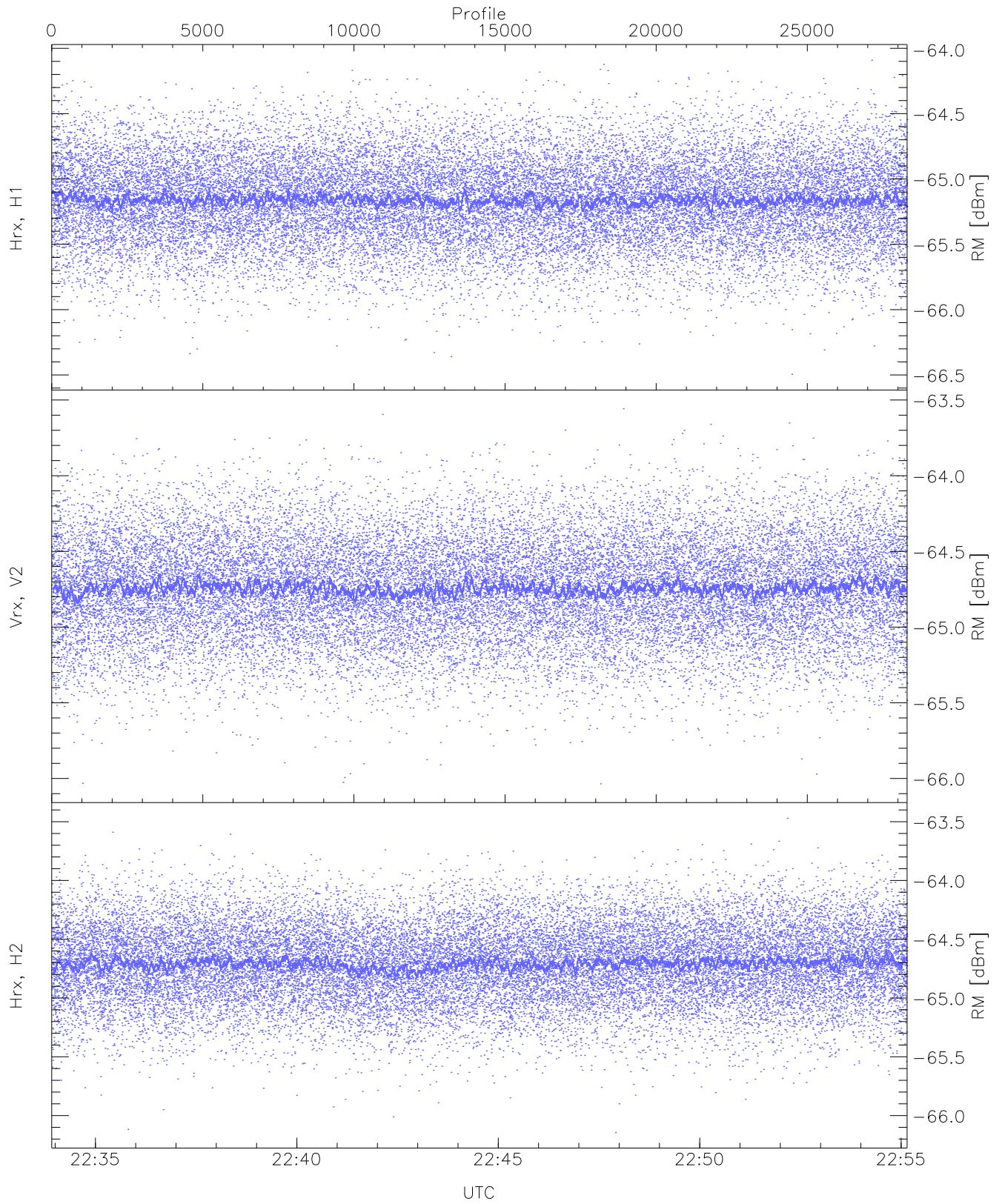
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.93	-63.48	-64.68	-64.69	-76.21
Vrx, V2 (WL [dBm])	-65.94	-63.30	-64.70	-64.71	-76.21
Hrx, H2 (WL [dBm])	-65.88	-63.31	-64.68	-64.69	-76.18



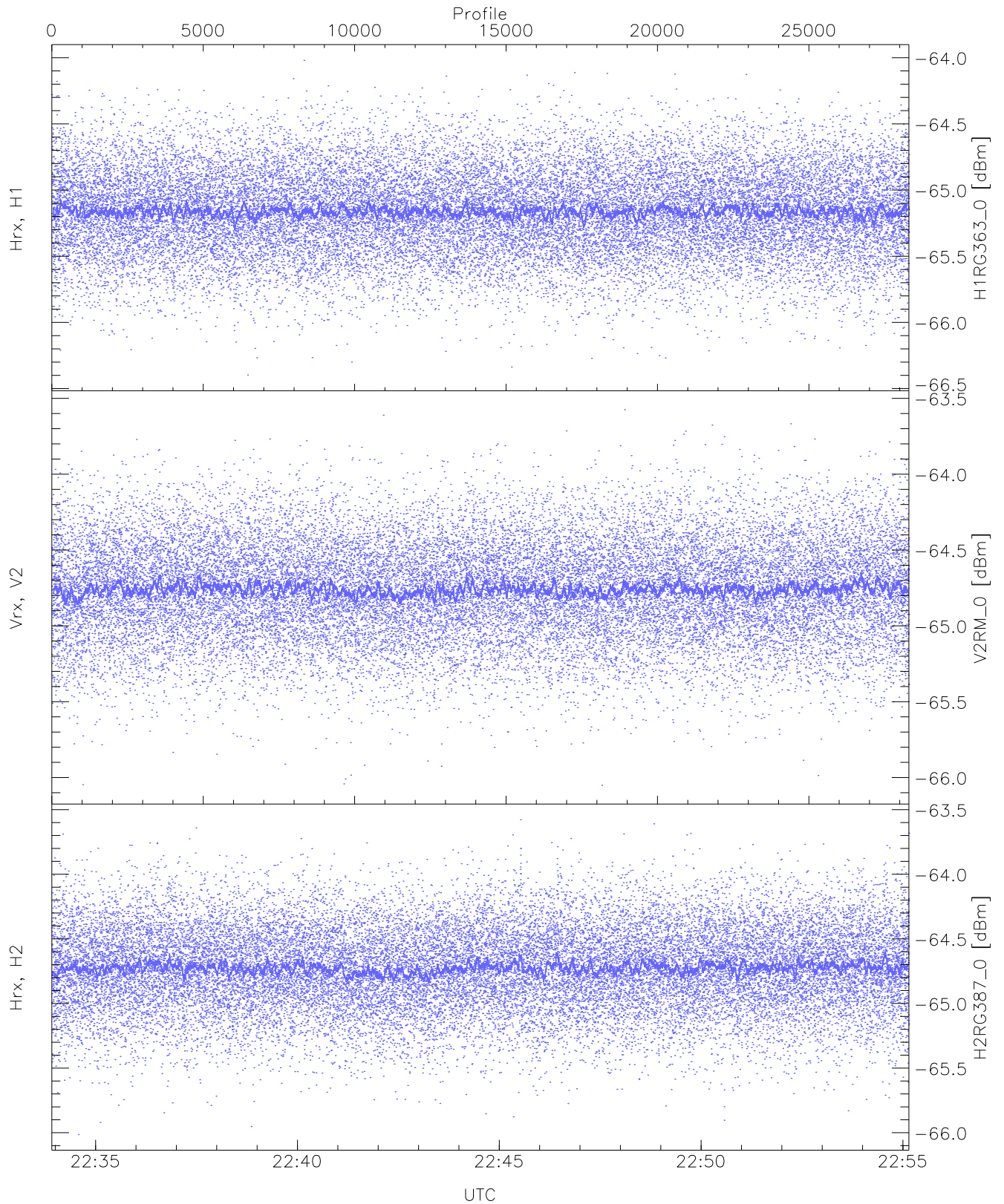
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.84	-63.34	-64.50	-64.50	-76.05
Vrx, V2 (HL [dBm])	-65.85	-63.46	-64.52	-64.52	-76.02
Hrx, H2 (HL [dBm])	-65.74	-63.31	-64.50	-64.50	-75.98



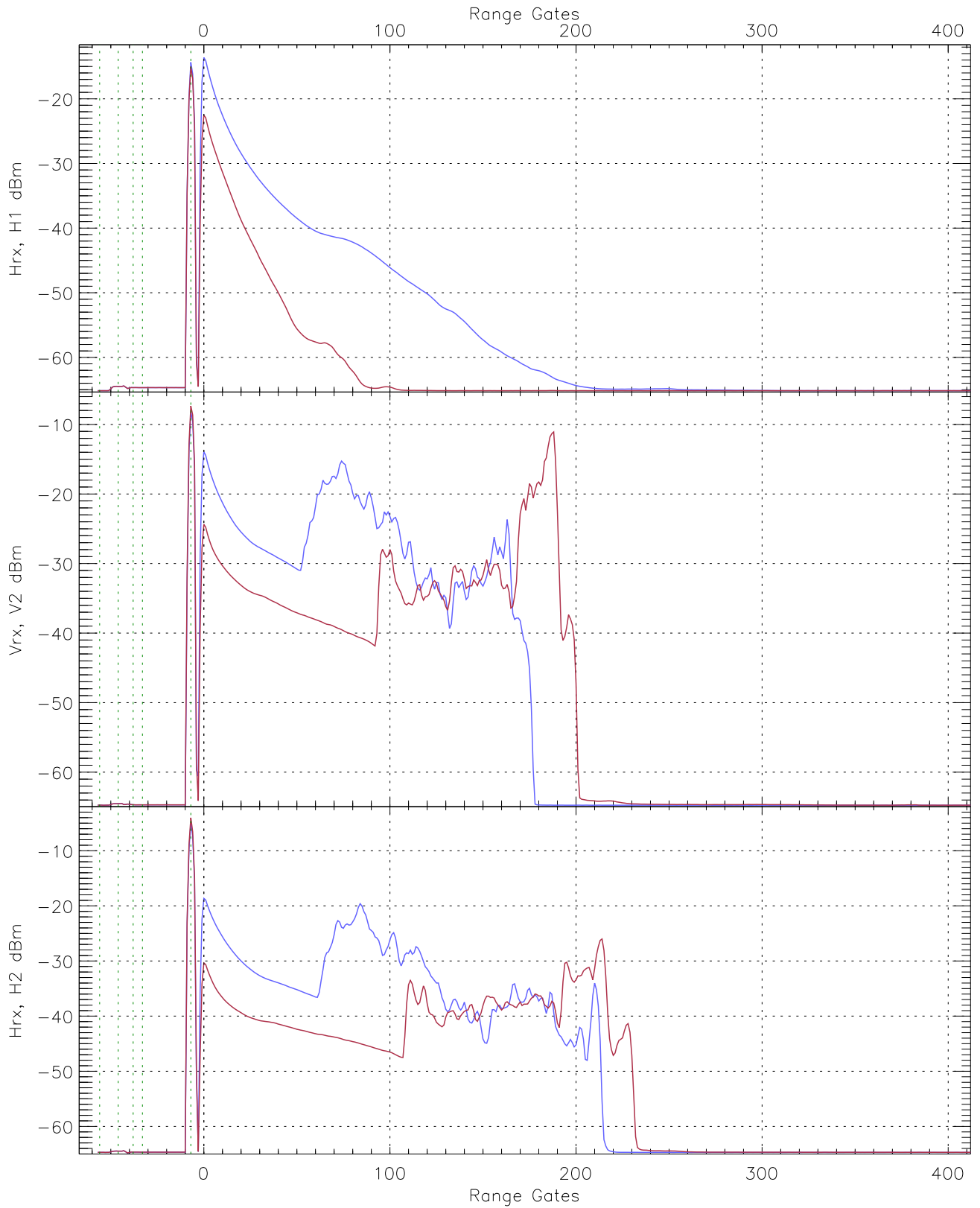
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.49	-64.09	-65.16	-65.16	-76.69
Vrx, V2 (RM [dBm])	-66.04	-63.56	-64.74	-64.74	-76.24
Hrx, H2 (RM [dBm])	-66.14	-63.47	-64.70	-64.71	-76.21

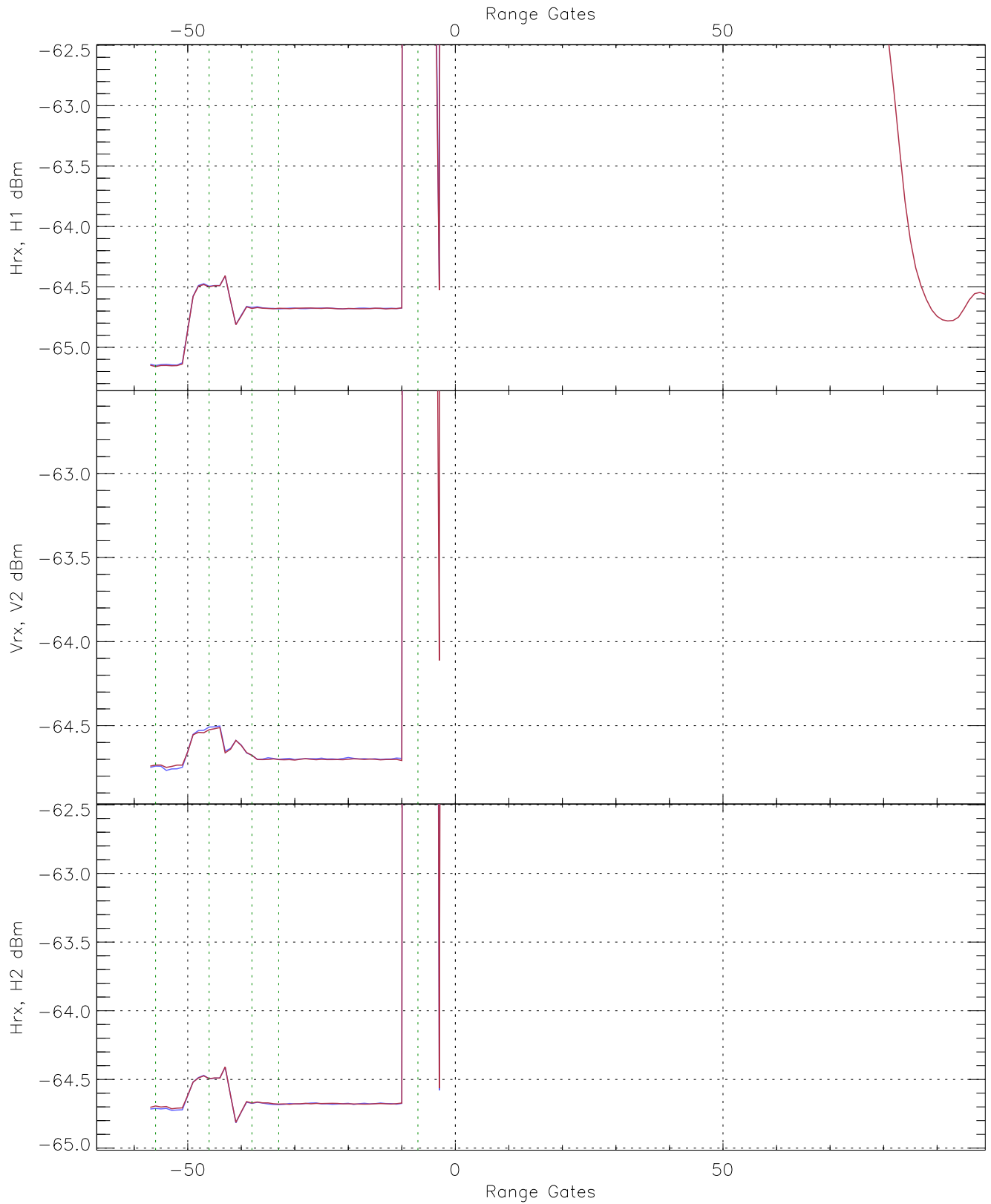


WCR3 CPP "Best" estimate Receivers Noise Power

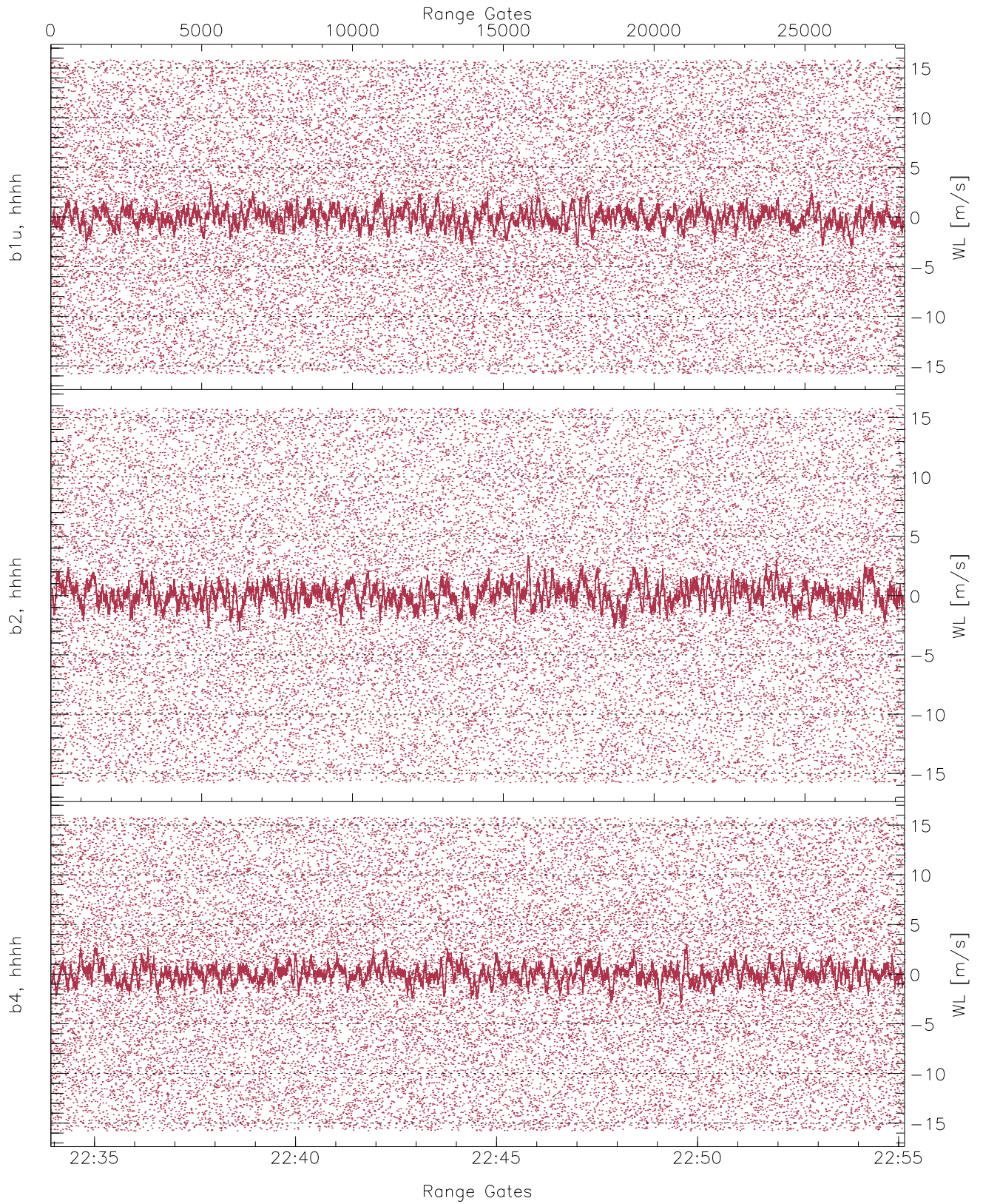
	Min	Max	Mean	Median	StDev
H1RG363_0 [dBm]	-66.40	-64.02	-65.16	-65.16	-76.65
V2RM_0 [dBm]	-66.05	-63.57	-64.75	-64.76	-76.26
H2RG387_0 [dBm]	-66.01	-63.58	-64.72	-64.73	-76.21



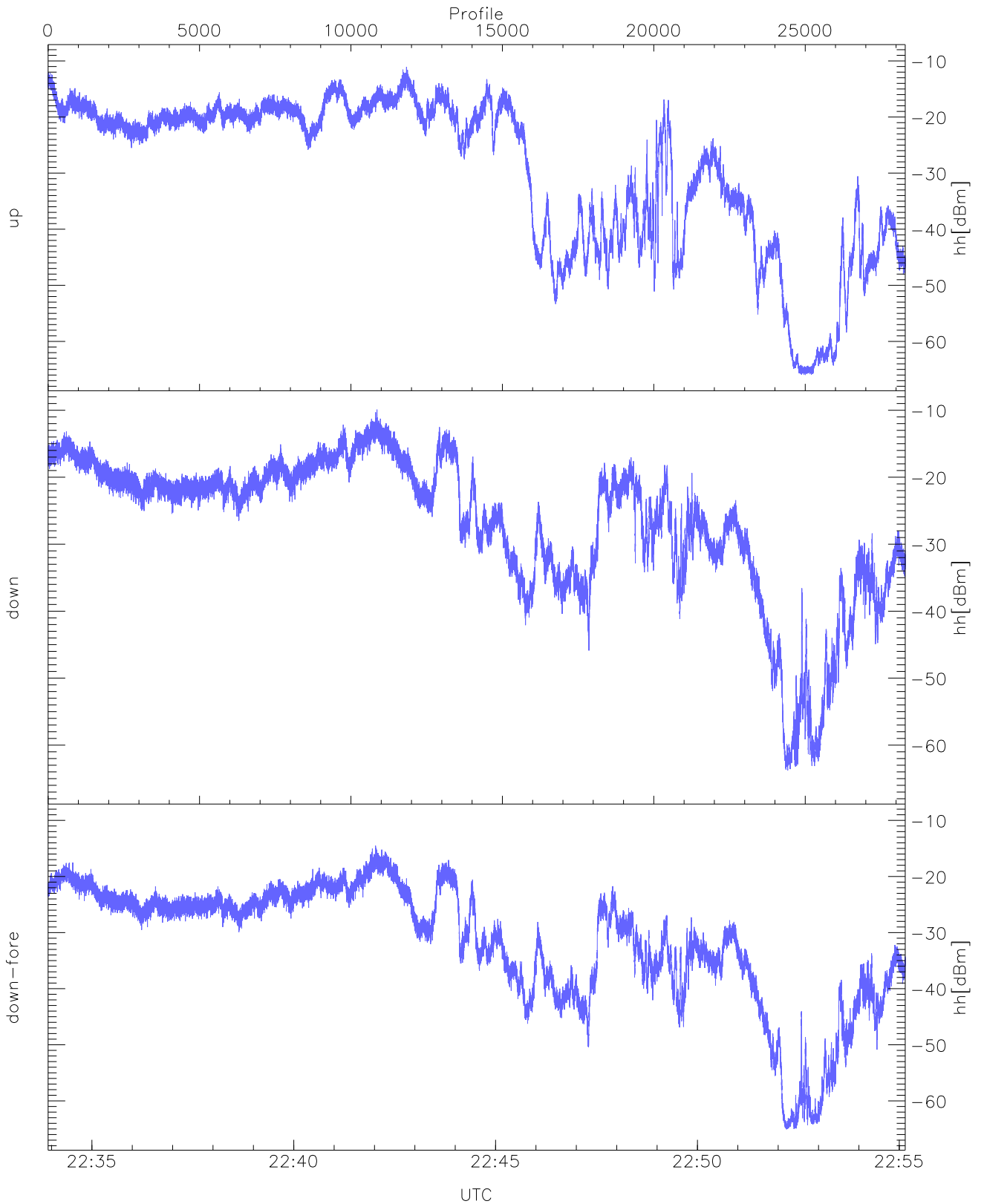
WCR3 CPP Averaged Received power for all recorded gates
blue: 223355-224432, 14153 profiles averaged
red: 224432-225509, 14152 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 223355-224432, 14153 profiles averaged
red: 224432-225509, 14152 profiles averaged

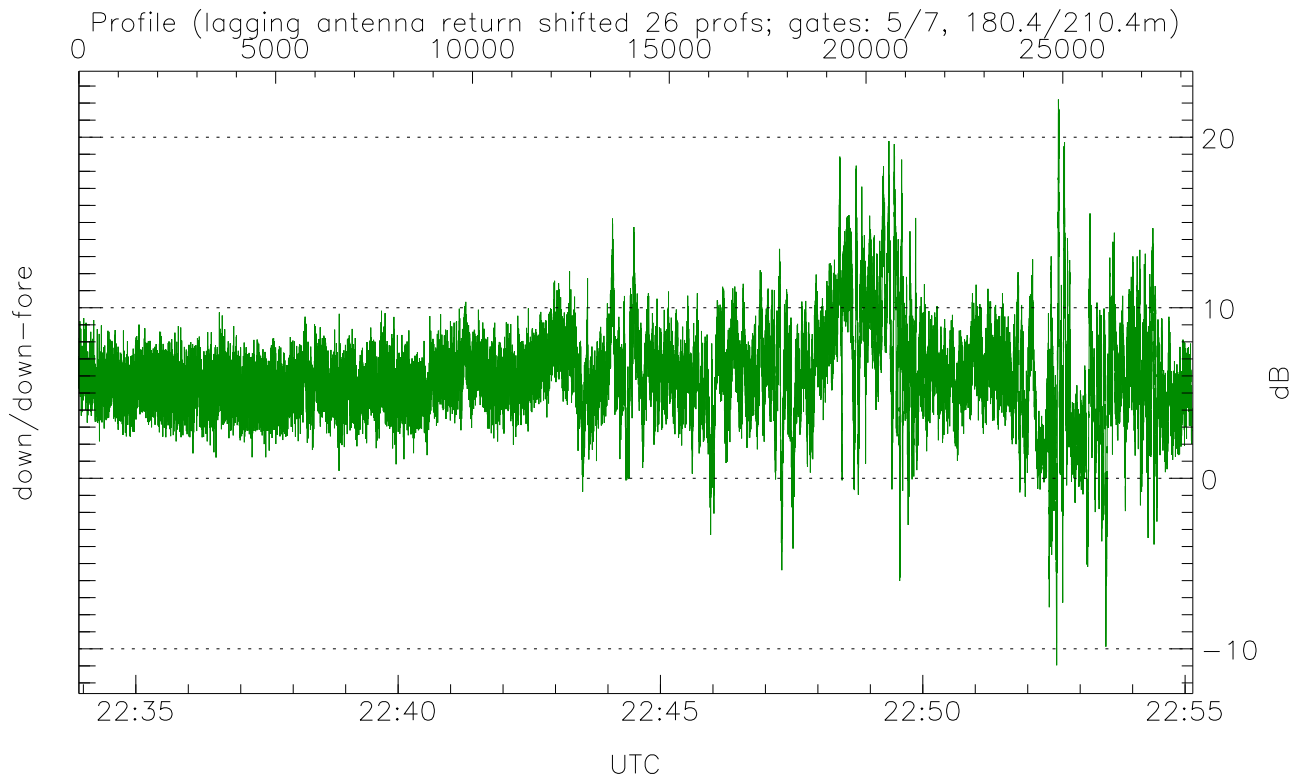
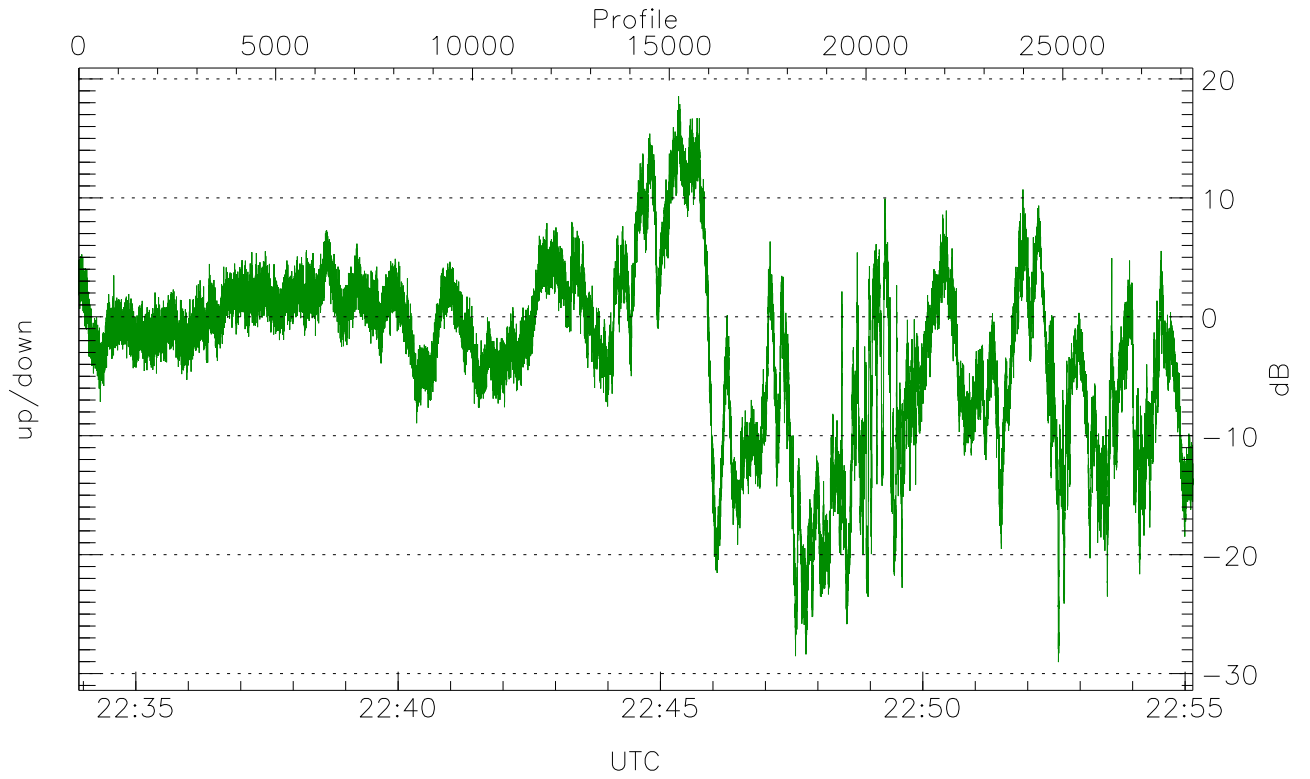


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



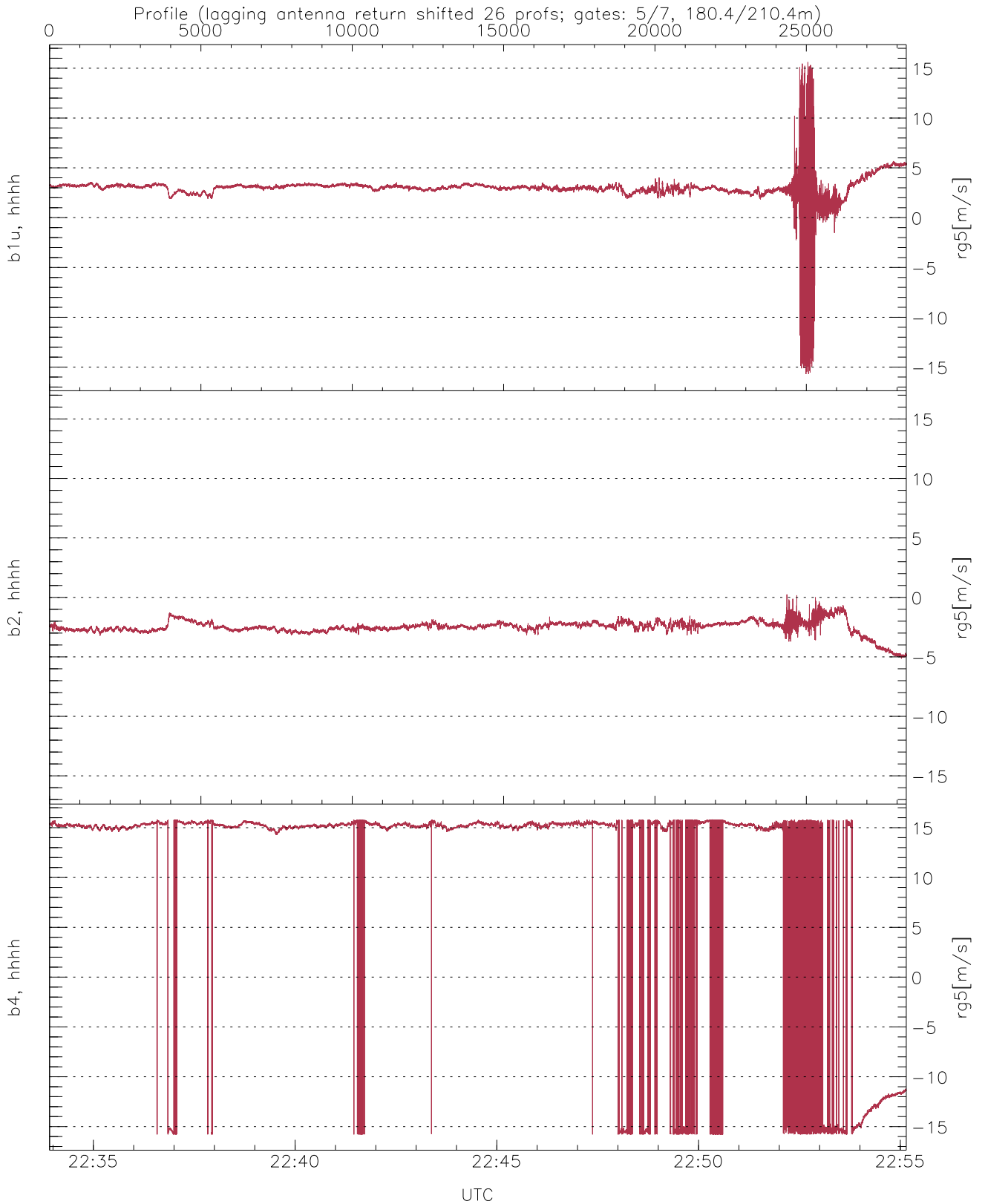
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-65.99	-11.05	-20.92
down(hh[dBm])	-63.78	-9.89	-20.69
down-fore(hh[dBm])	-65.05	-14.52	-25.18



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

	Min	Max	Mean
up/down (dB)	-29.03	18.54	-2.74
down/down-fore (dB)	-10.96	22.21	5.95



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.70	15.61	2.97	1.35
b2, hhhh(rg5[m/s])	-5.15	0.25	-2.49	0.58
b4, hhhh(rg5[m/s])	-15.79	15.79	9.94	11.40