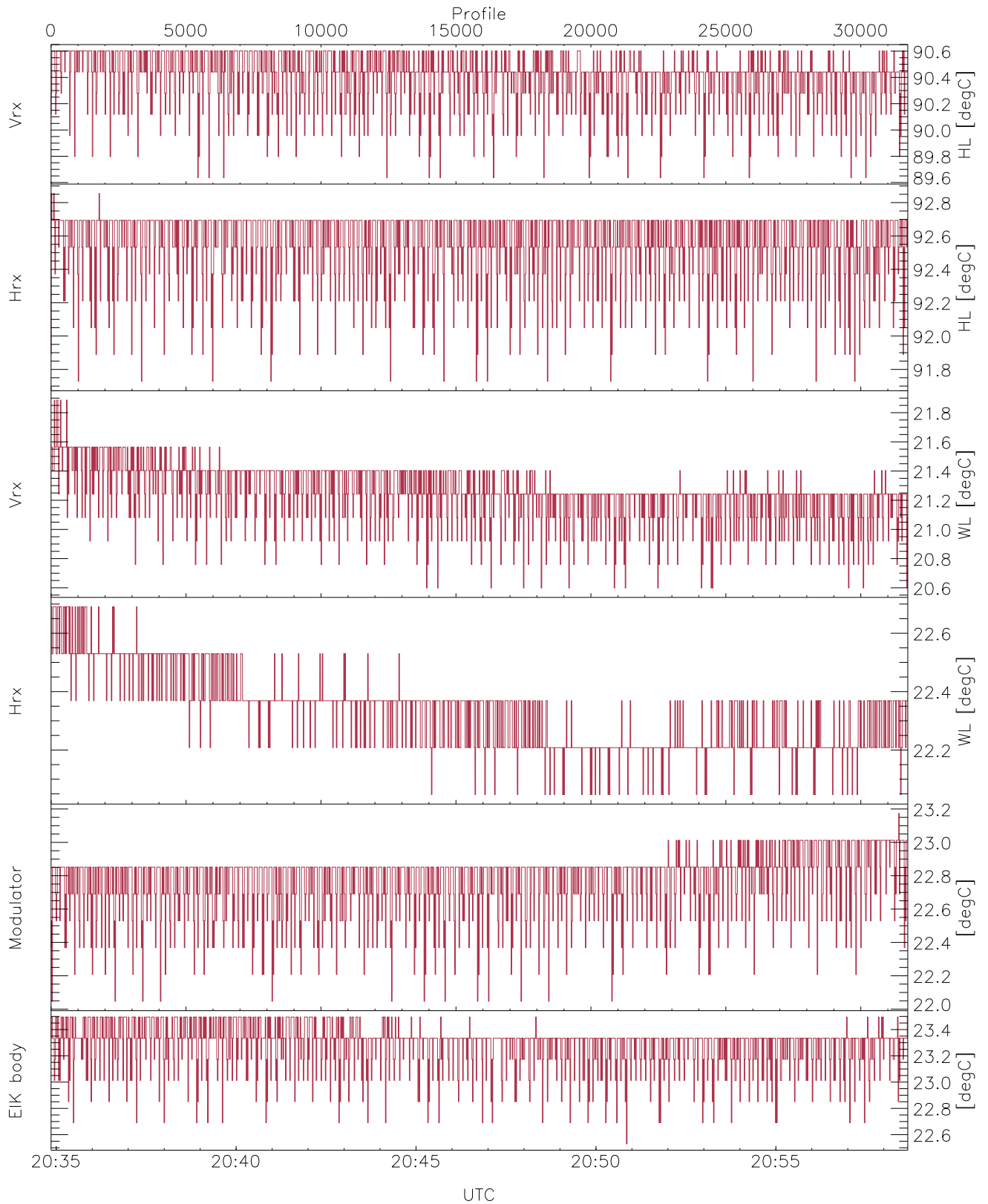


WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

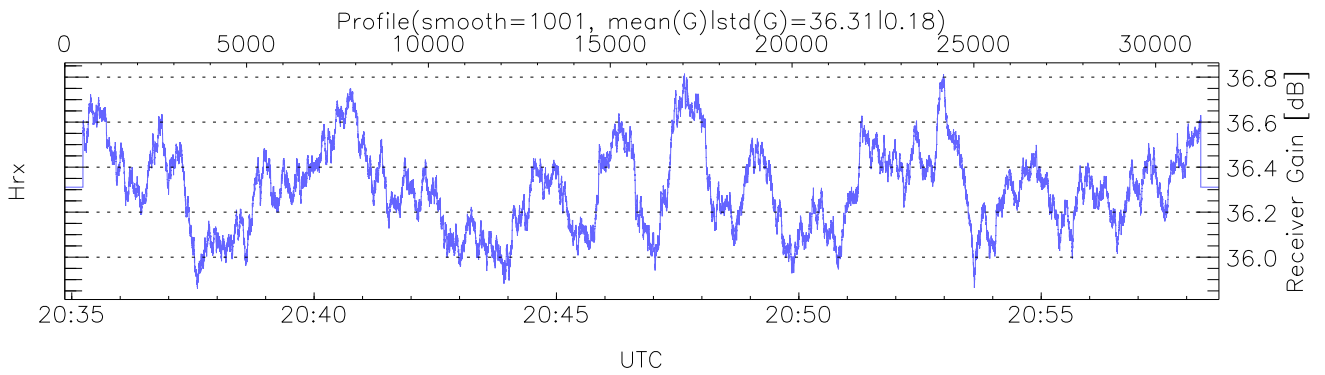
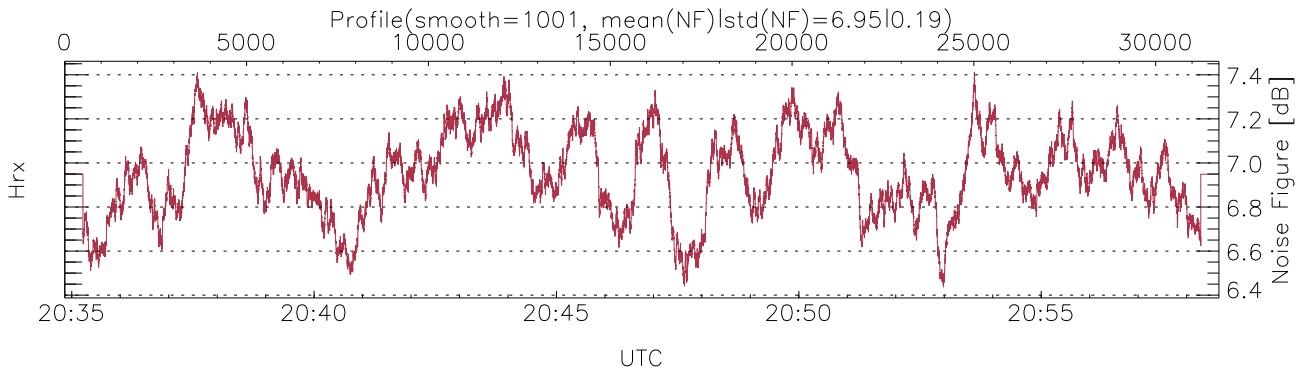
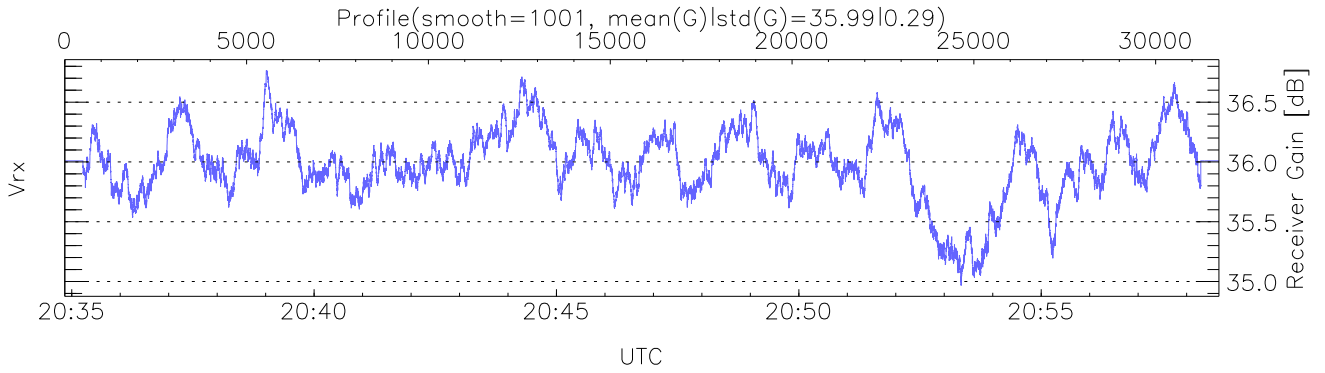
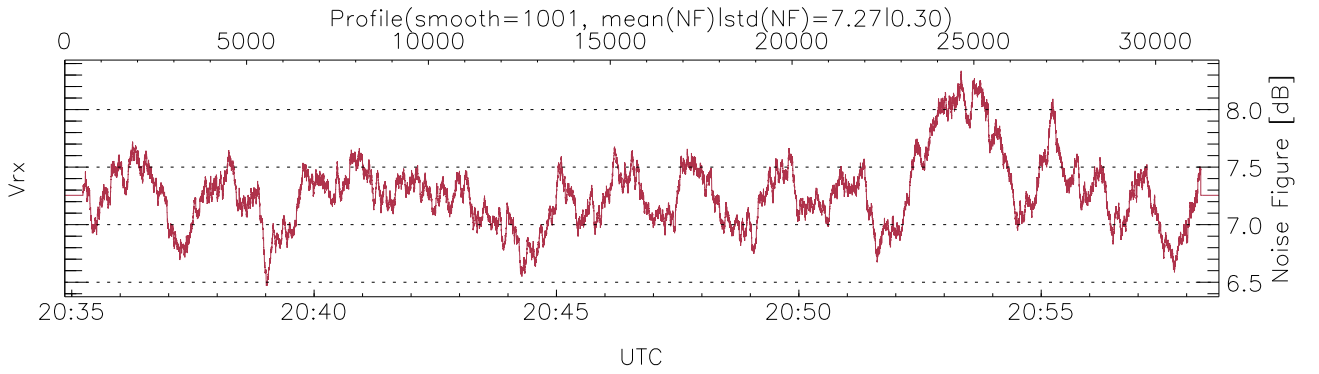
UTC: 20:34:51-20:58:40, TimeCor: 0.00s, Dur: 1428.66s
 TimeFlg: 1, TFPstatus constant.
 TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
 NumRec(r/t): 31741/31741, 0-31740/20:34:51-20:58:40
 AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
 Pulse: 250ns, IFF: 4.0MHz, 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 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

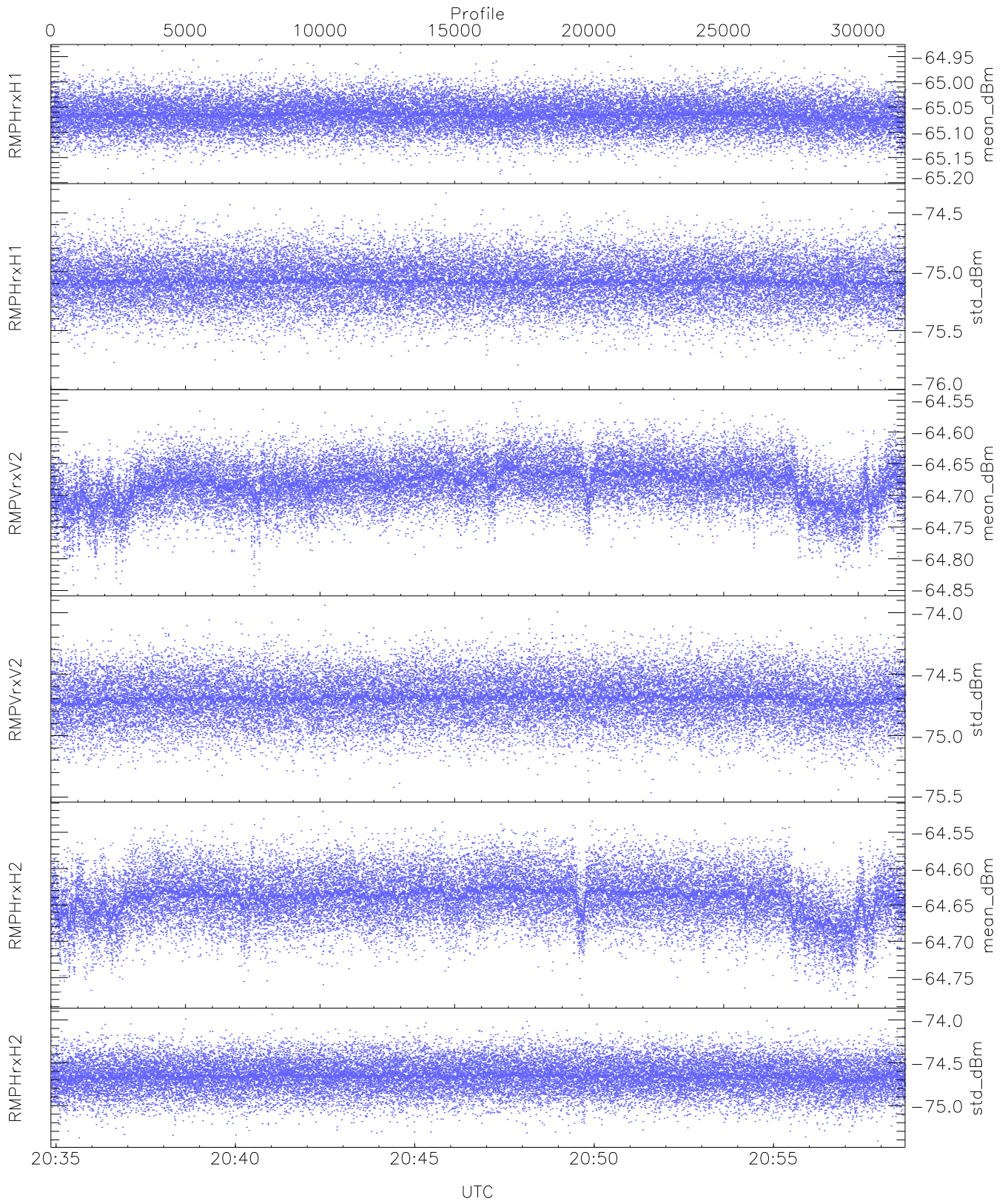
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,91,20,22,22,22
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,21,22,23,23
LOalarm(20,240,2817,14861 MHz): 0,0,24,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,Fault2,DeckF,OverDuty,HVPS,Fault1 (22,22,22,22,22,22,22)
    
```



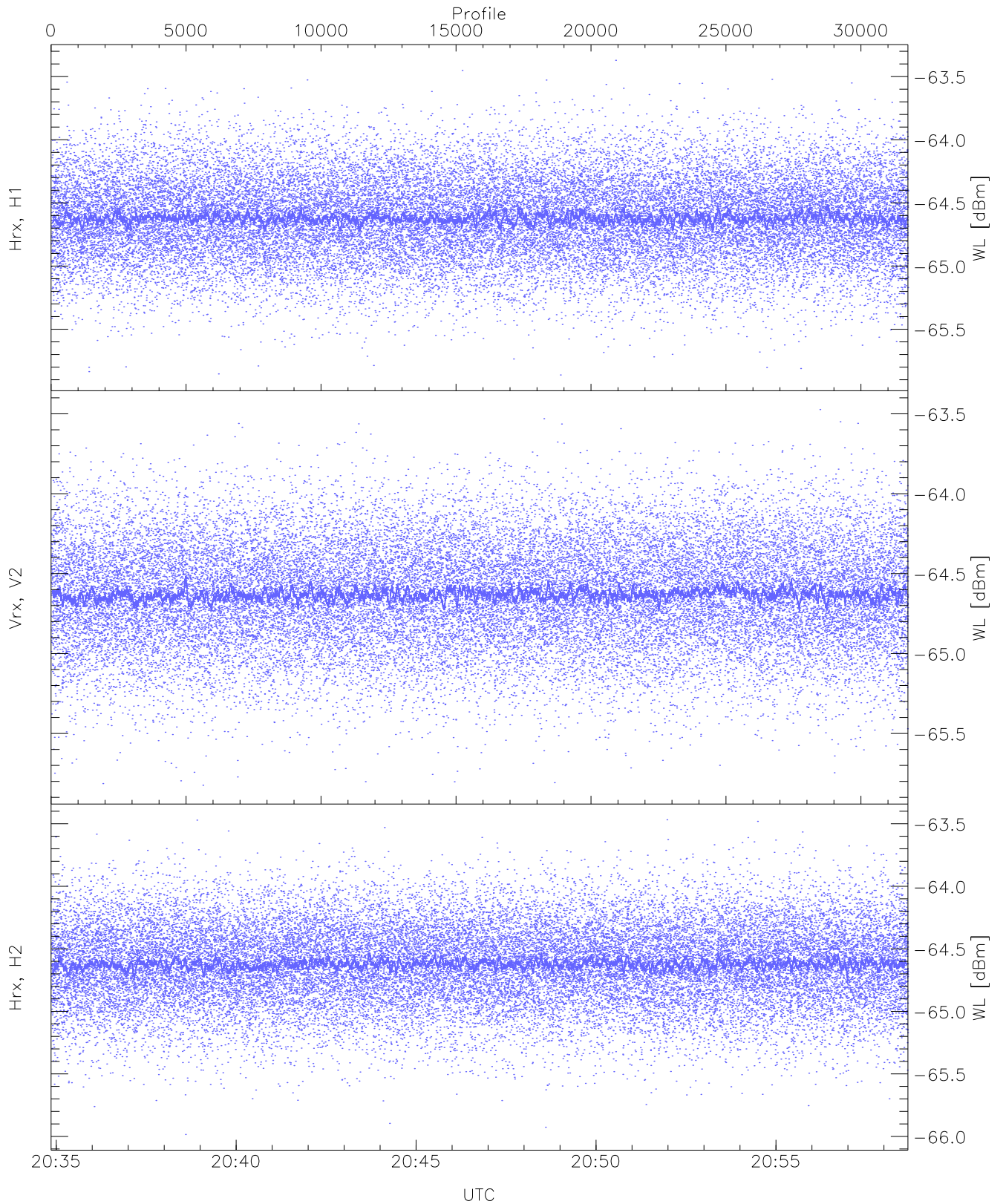
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 30 pixs, 7 gates, 30 profs, 1 prod(s)



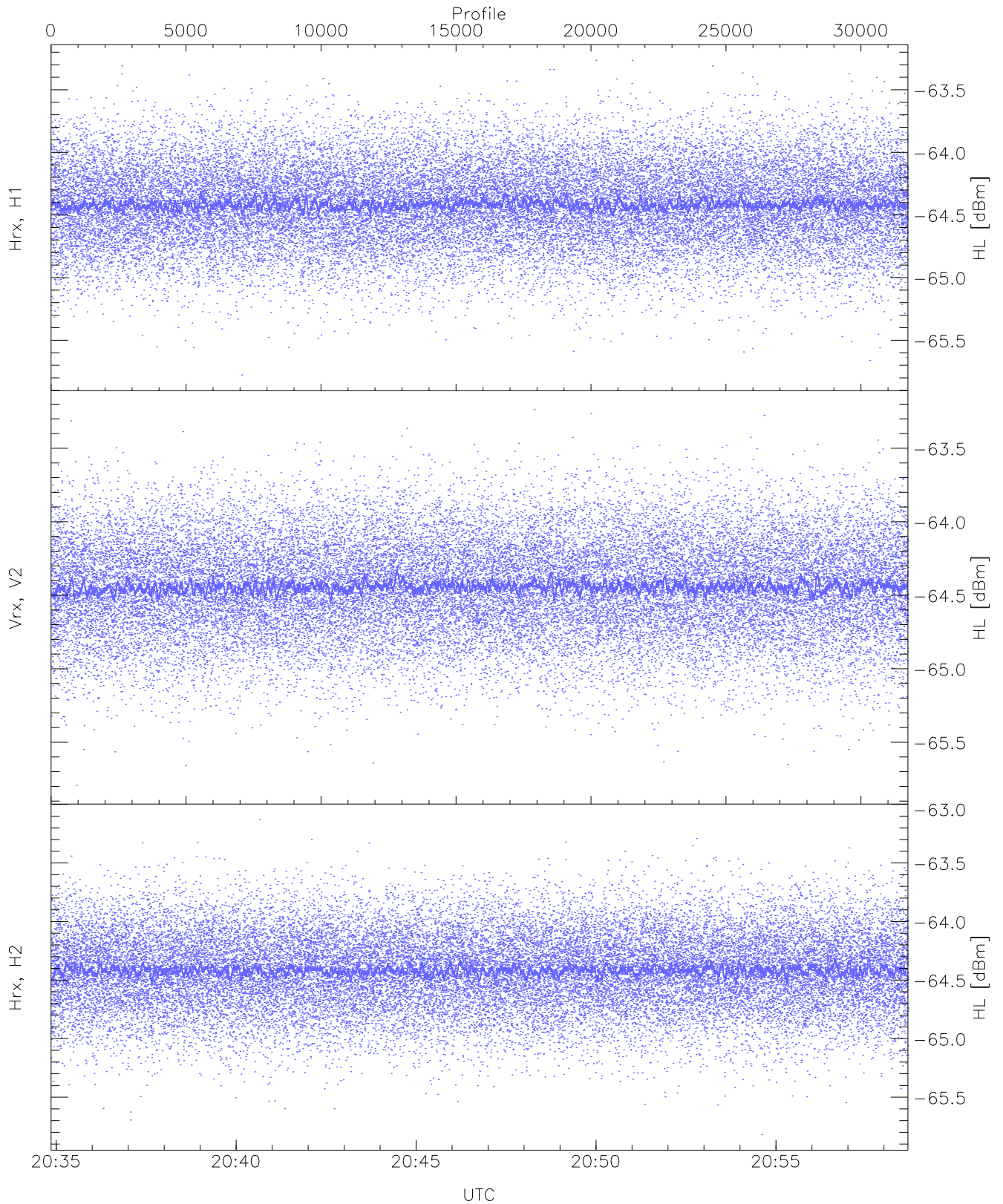
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.19	-64.94	-65.07	-65.07	-86.68
RMPHrxH1(std_dBm)	-75.92	-74.33	-75.08	-75.08	-88.85
RMPVrxV2(mean_dBm)	-64.84	-64.55	-64.68	-64.68	-85.56
RMPVrxV2(std_dBm)	-75.46	-73.94	-74.70	-74.70	-88.48
RMPHrxH2(mean_dBm)	-64.78	-64.52	-64.64	-64.64	-85.80
RMPHrxH2(std_dBm)	-75.41	-73.94	-74.66	-74.66	-88.43



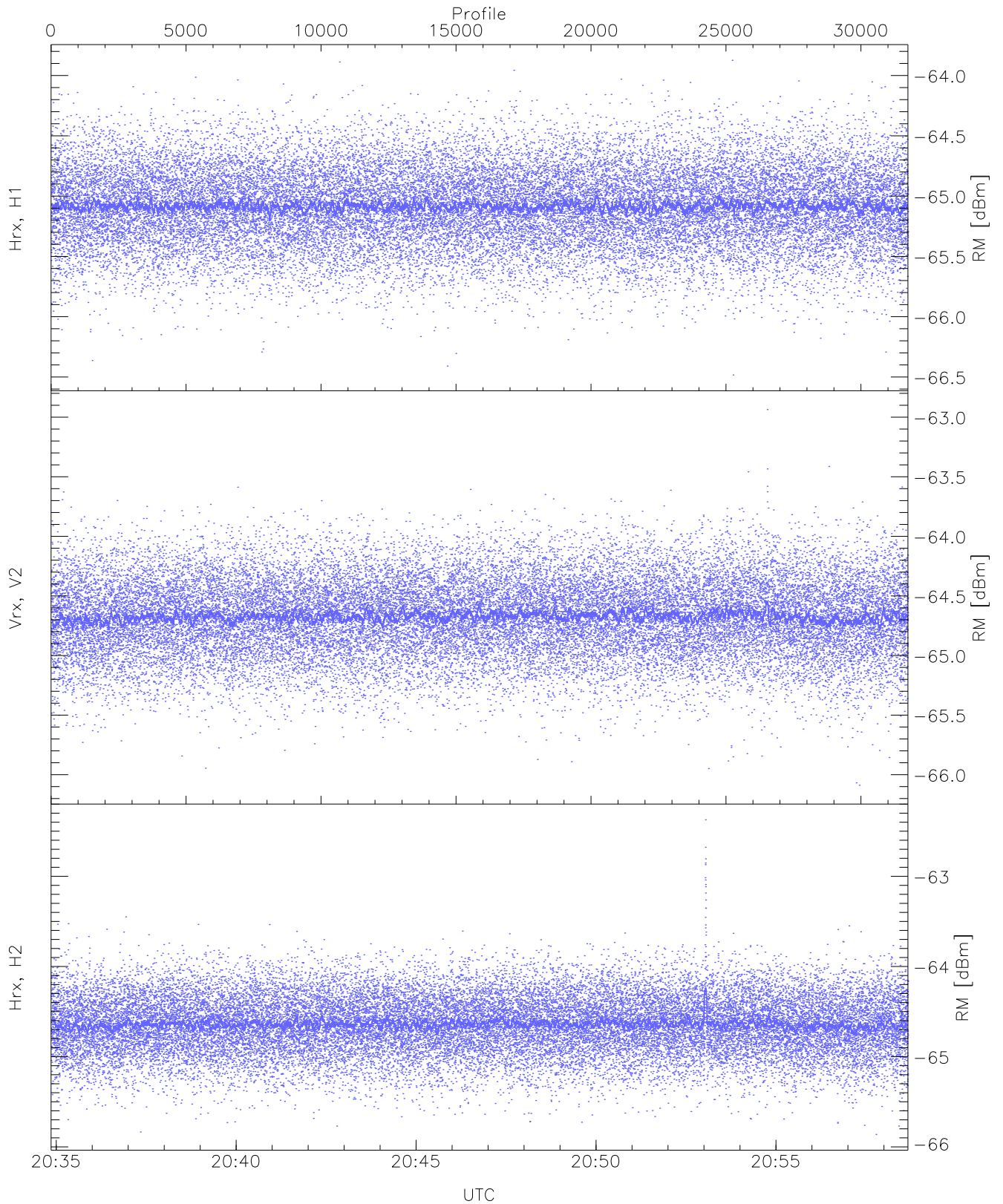
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.86	-63.37	-64.61	-64.62	-76.08
Vrx, V2 (WL [dBm])	-65.82	-63.47	-64.62	-64.63	-76.12
Hrx, H2 (WL [dBm])	-65.98	-63.47	-64.62	-64.62	-76.13



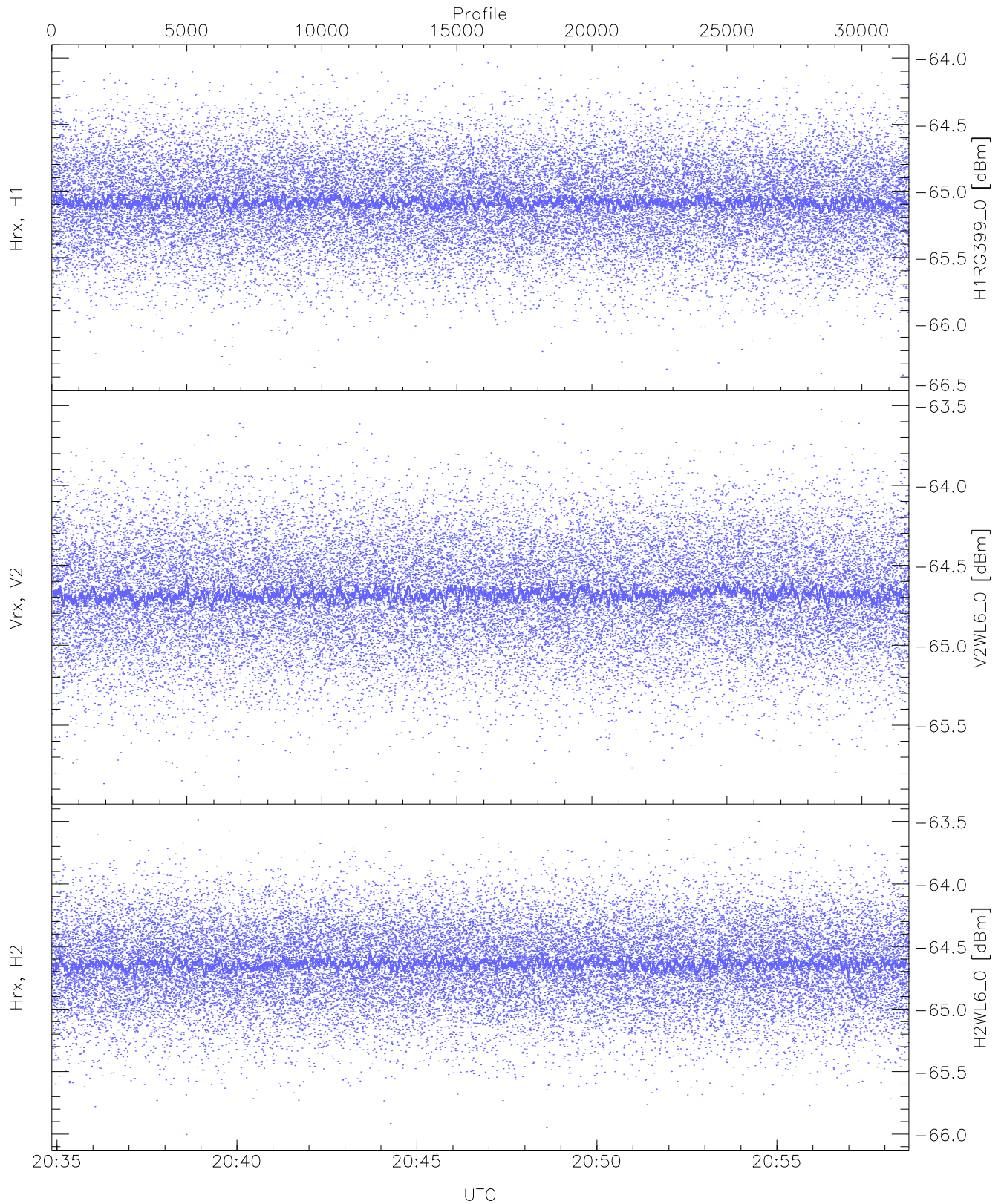
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.78	-63.26	-64.41	-64.42	-75.92
Vrx, V2 (HL [dBm])	-65.79	-63.24	-64.44	-64.45	-75.96
Hrx, H2 (HL [dBm])	-65.82	-63.13	-64.41	-64.42	-75.91



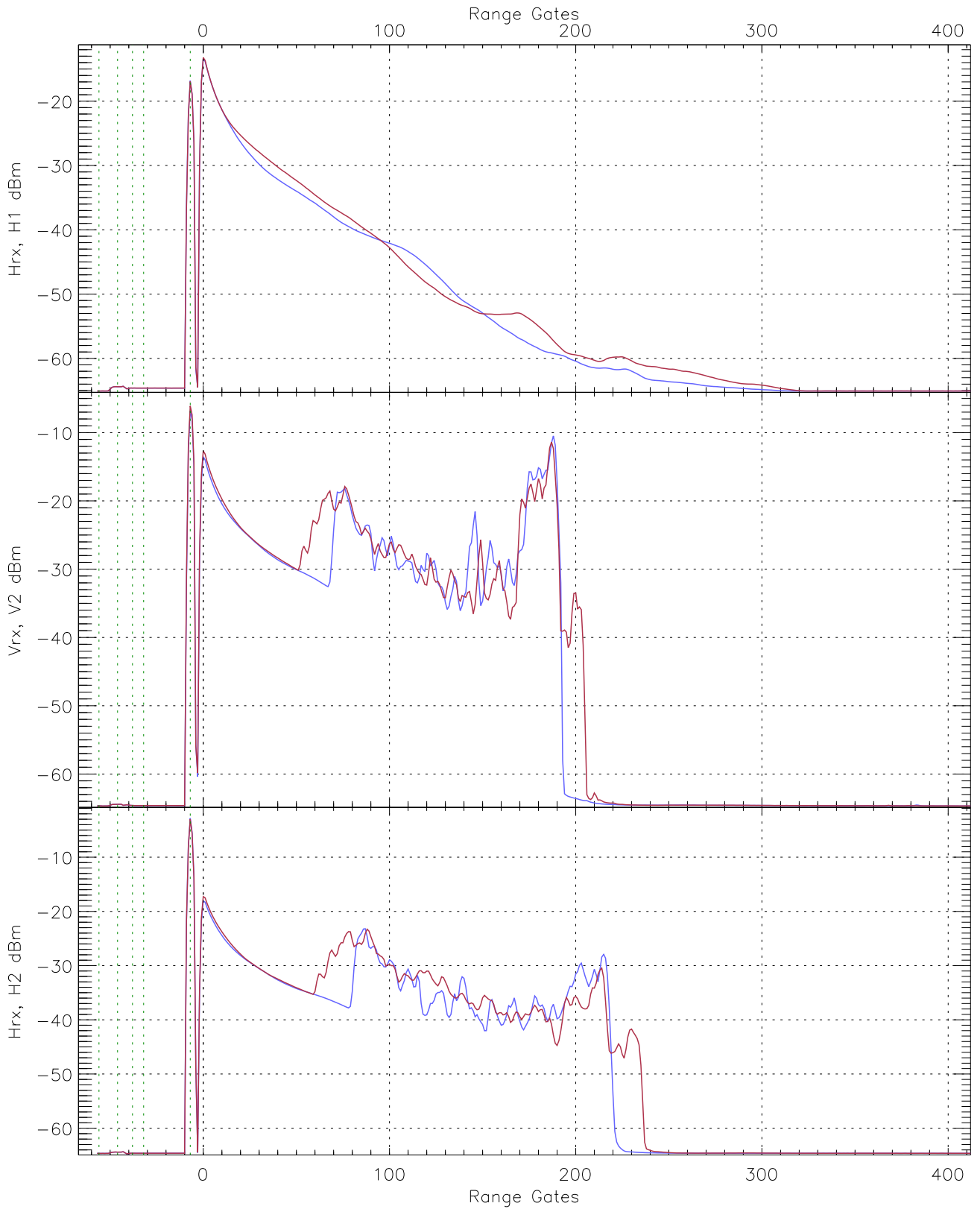
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.48	-63.87	-65.08	-65.08	-76.58
Vrx, V2 (RM [dBm])	-66.09	-62.94	-64.67	-64.67	-76.17
Hrx, H2 (RM [dBm])	-65.86	-62.37	-64.63	-64.64	-76.08

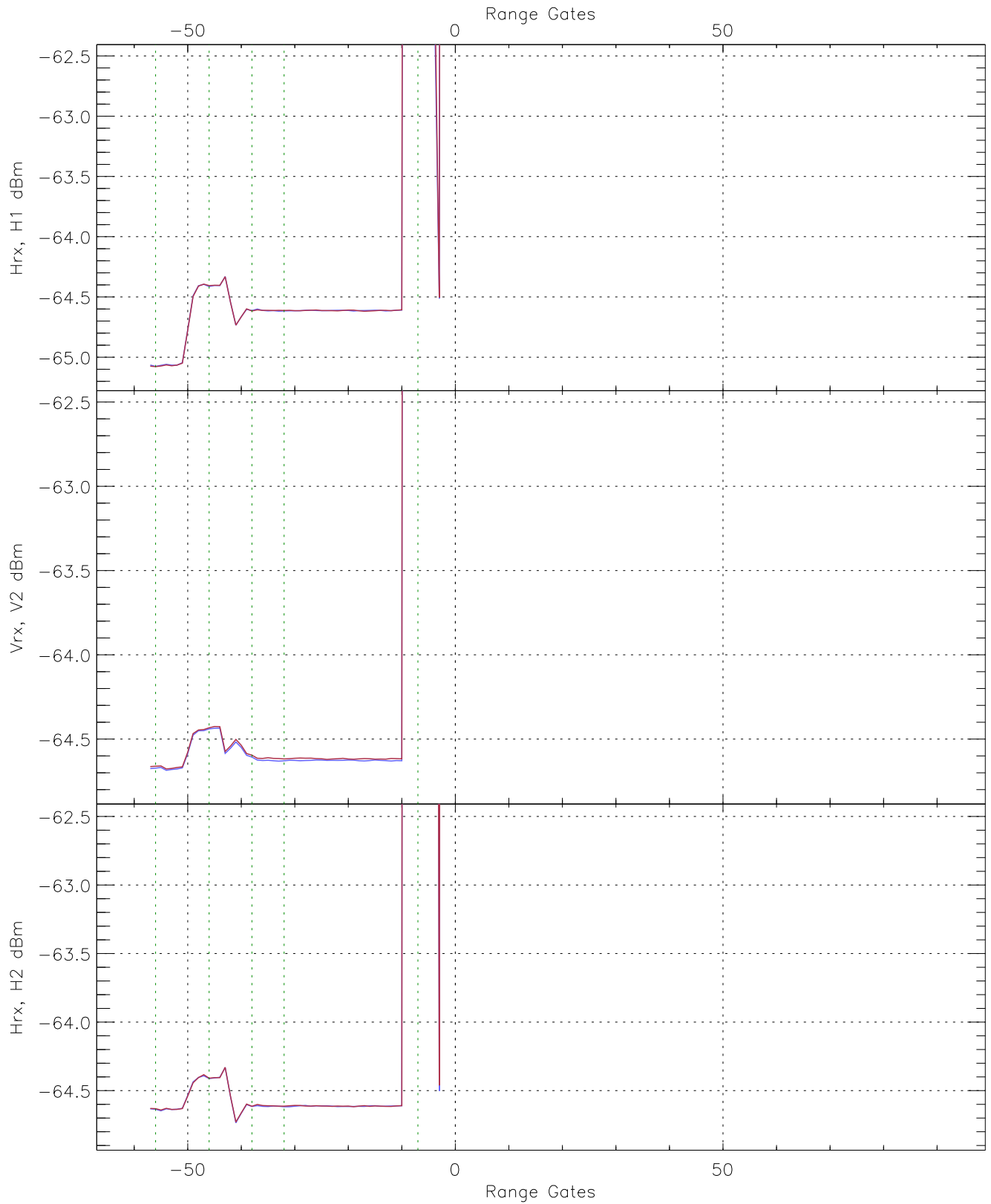


WCR3 CPP "Best" estimate Receivers Noise Power

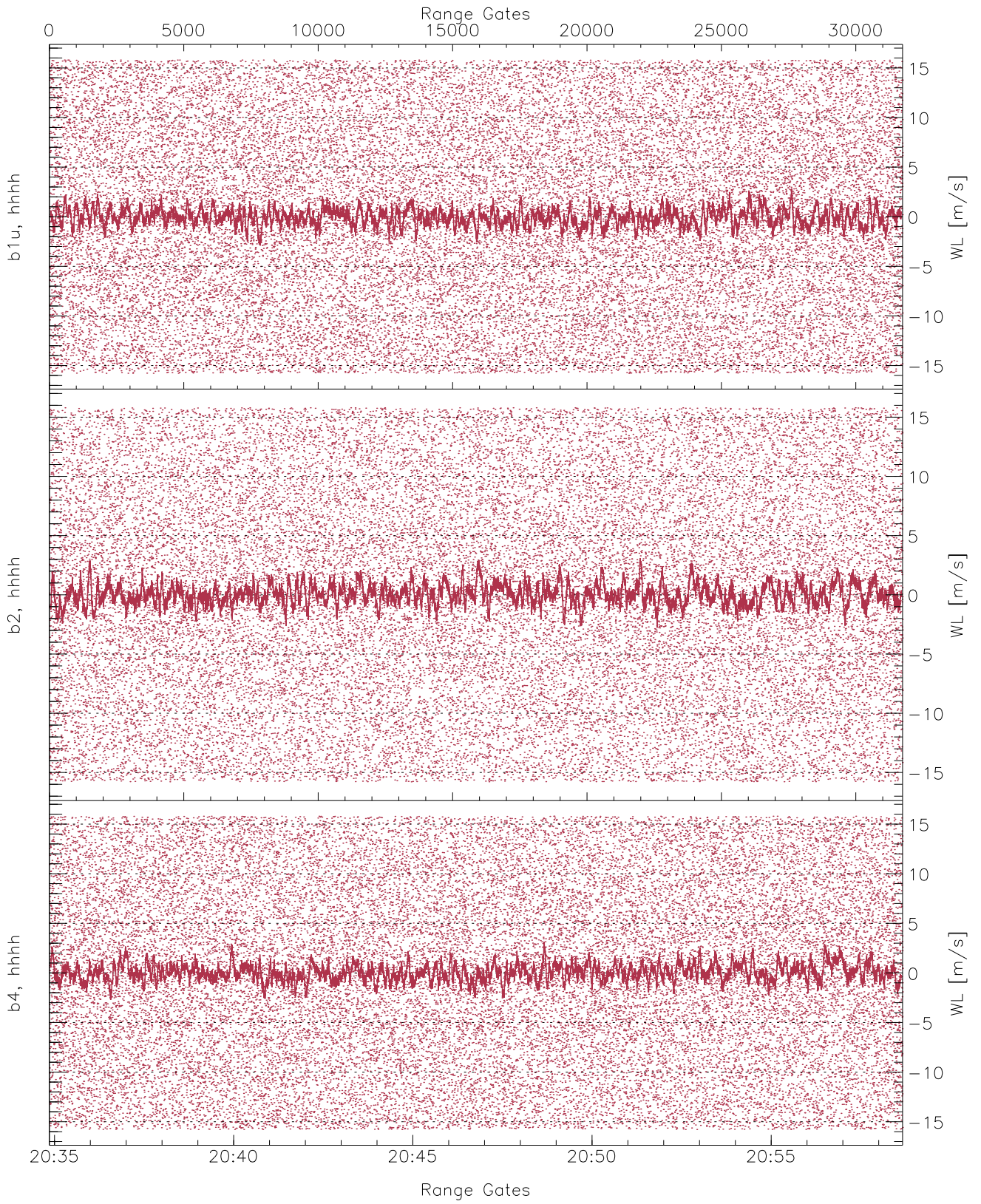
	Min	Max	Mean	Median	StDev
H1RG399_0 [dBm]	-66.38	-64.02	-65.08	-65.09	-76.60
V2WL6_0 [dBm]	-65.88	-63.52	-64.67	-64.68	-76.17
H2WL6_0 [dBm]	-66.00	-63.49	-64.63	-64.64	-76.15



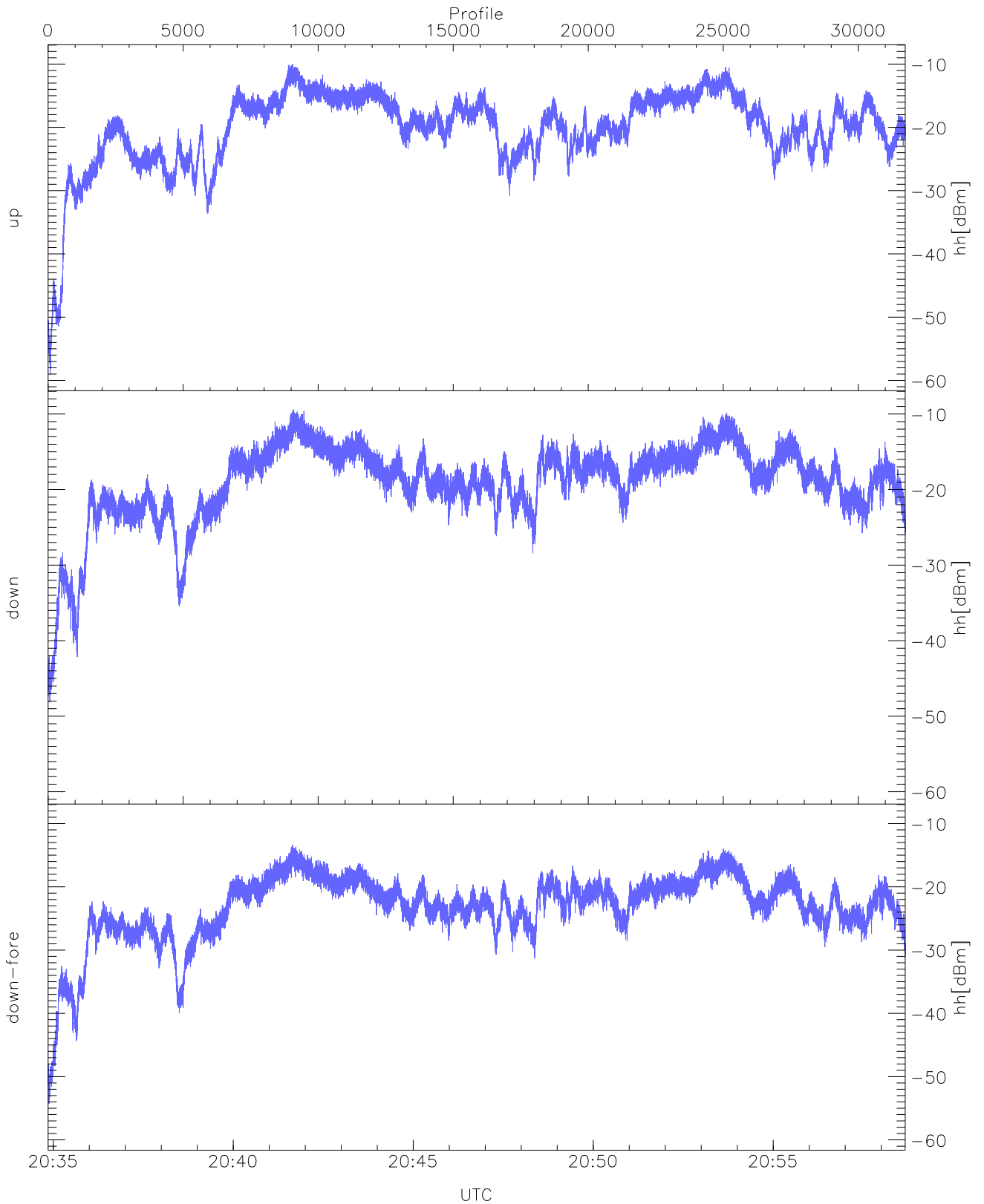
WCR3 CPP Averaged Received power for all recorded gates
blue: 203451-204646, 15871 profiles averaged
red: 204646-205840, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 203451-204646, 15871 profiles averaged
red: 204646-205840, 15871 profiles averaged

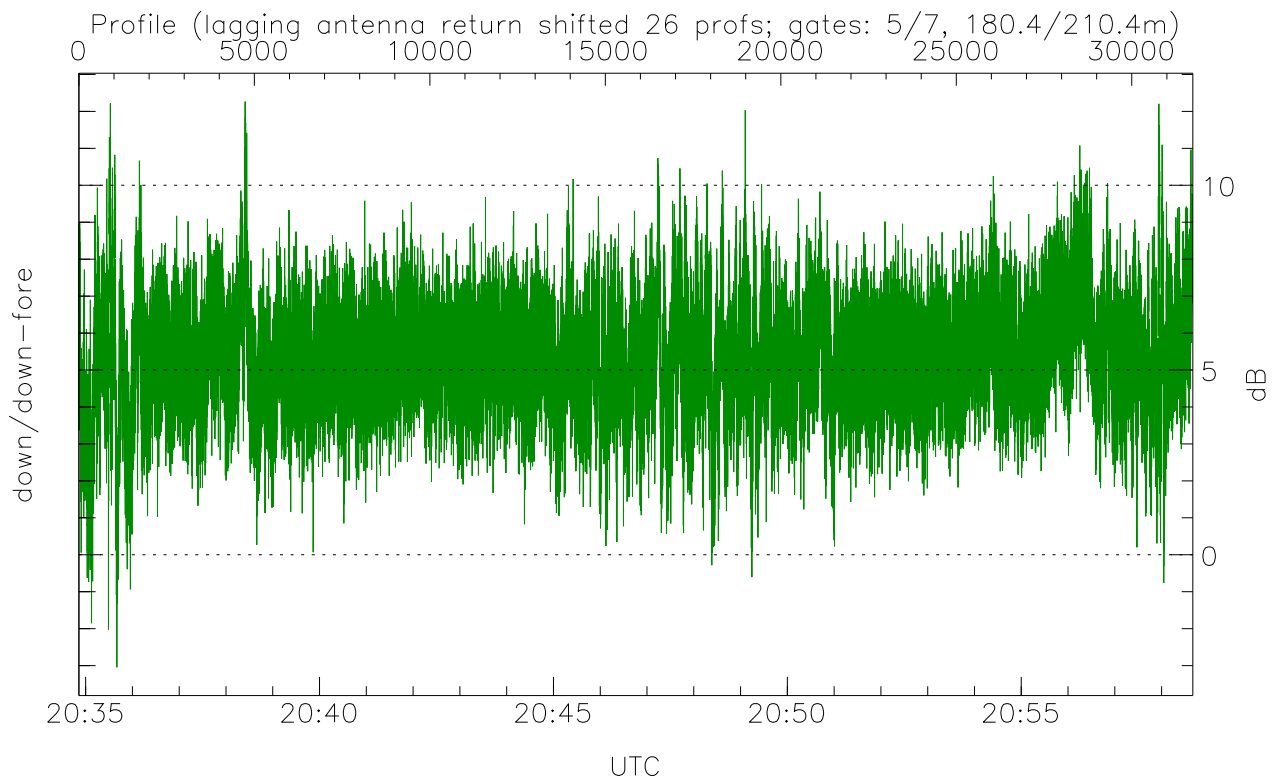
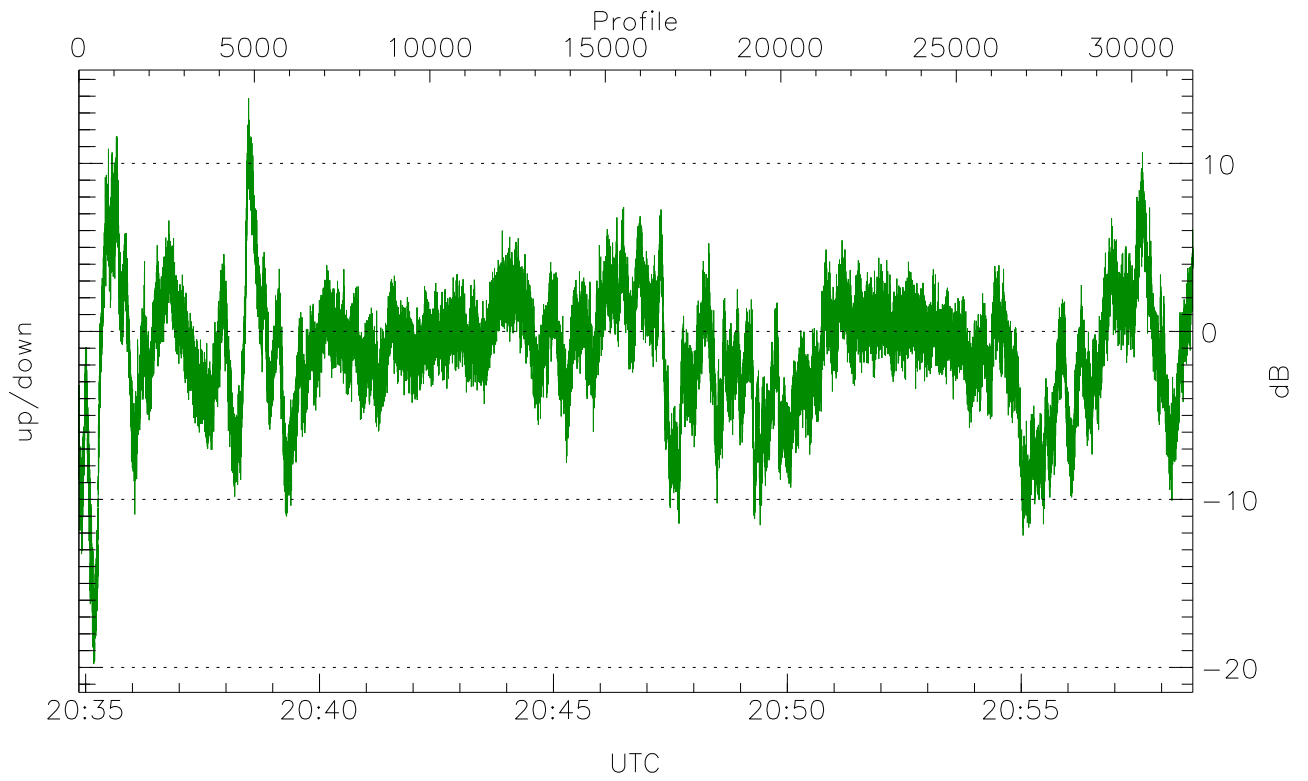


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



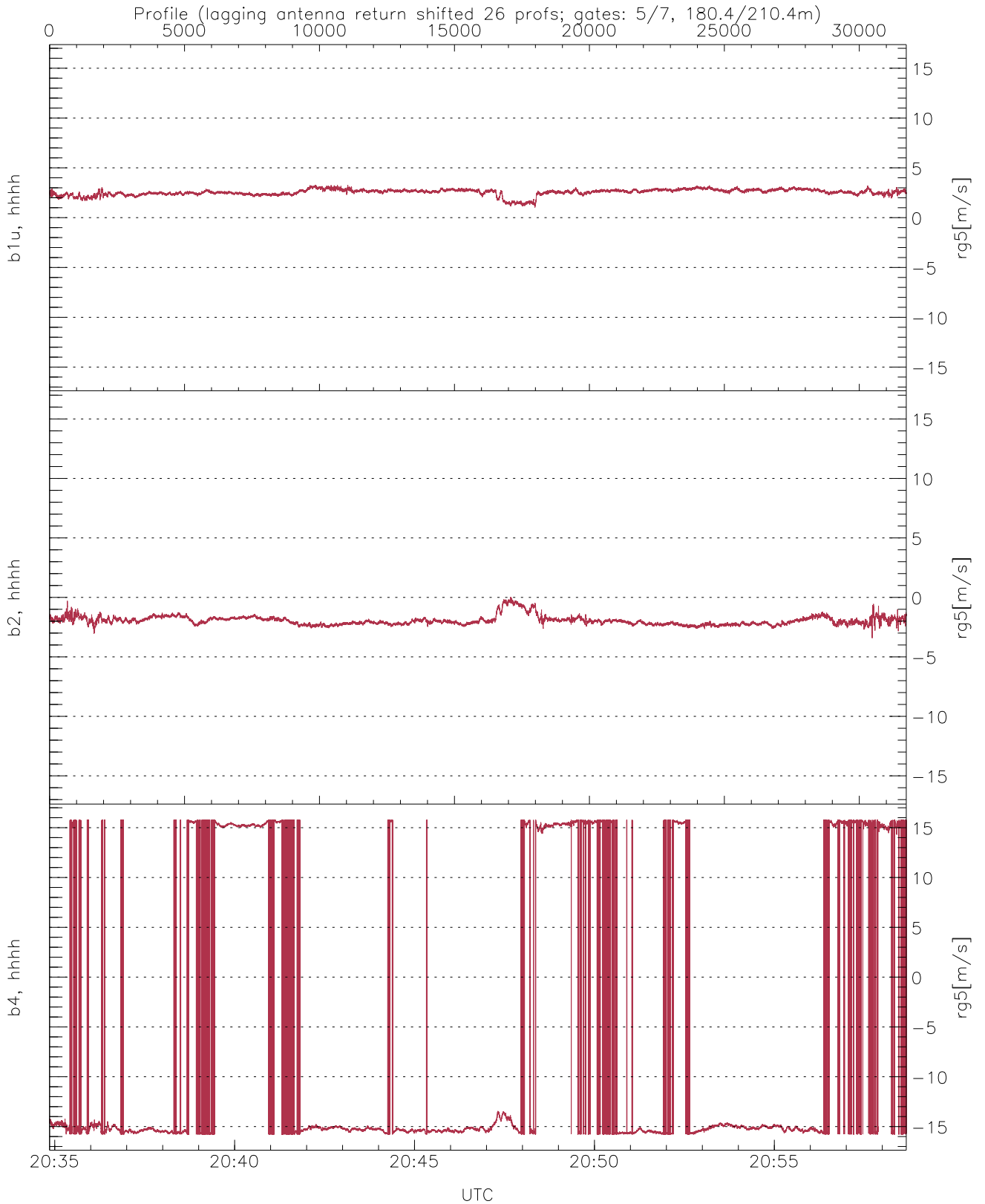
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh [dBm])	-59.14	-9.99	-17.78
down(hh [dBm])	-48.17	-9.40	-17.06
down-fore(hh [dBm])	-54.29	-13.37	-21.19



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

	Min	Max	Mean
up/down (dB)	-19.80	13.87	-1.13
down/down-fore (dB)	-3.05	12.27	5.35



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	1.02	3.30	2.55	0.32
b2, hhhh(rg5[m/s])	-3.43	0.02	-1.94	0.39
b4, hhhh(rg5[m/s])	-15.79	15.79	-6.24	14.02