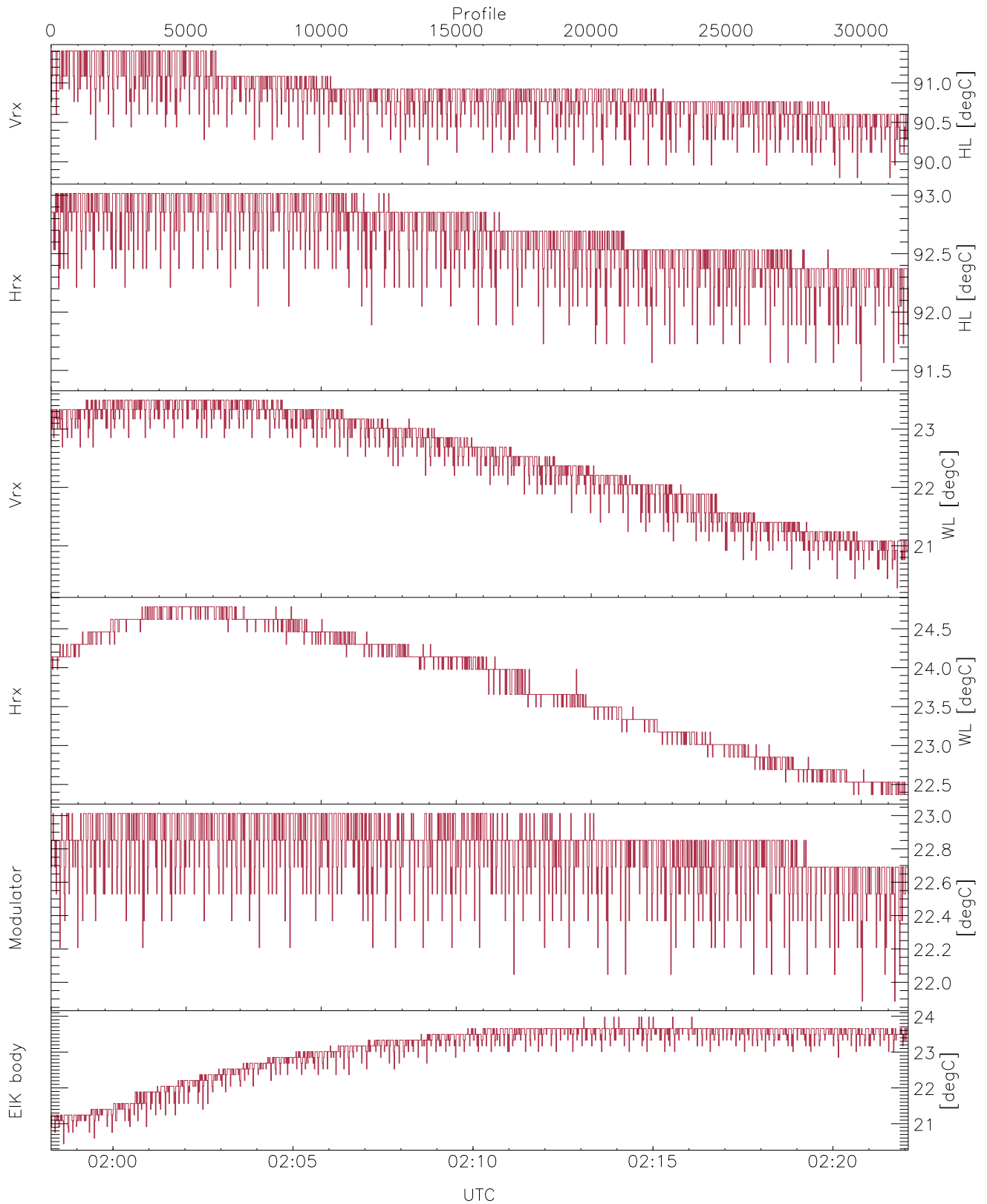


WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

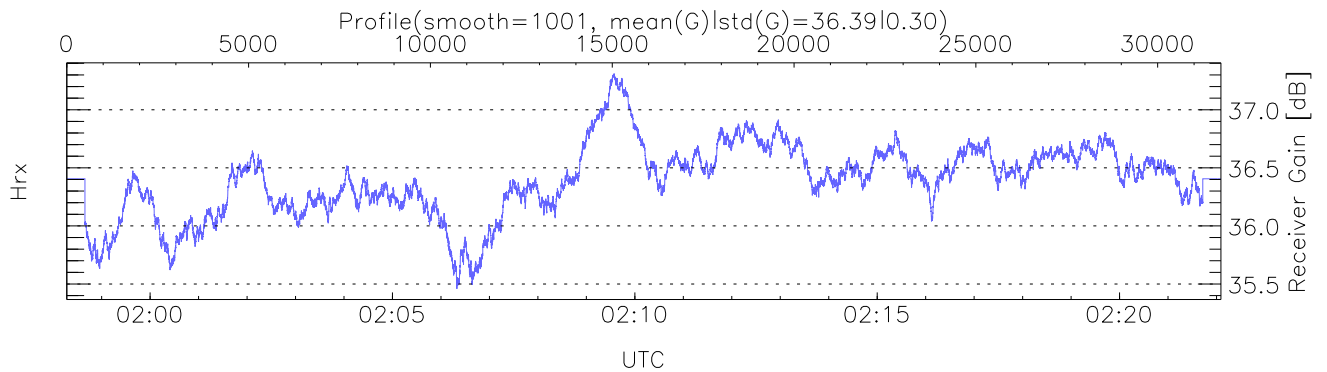
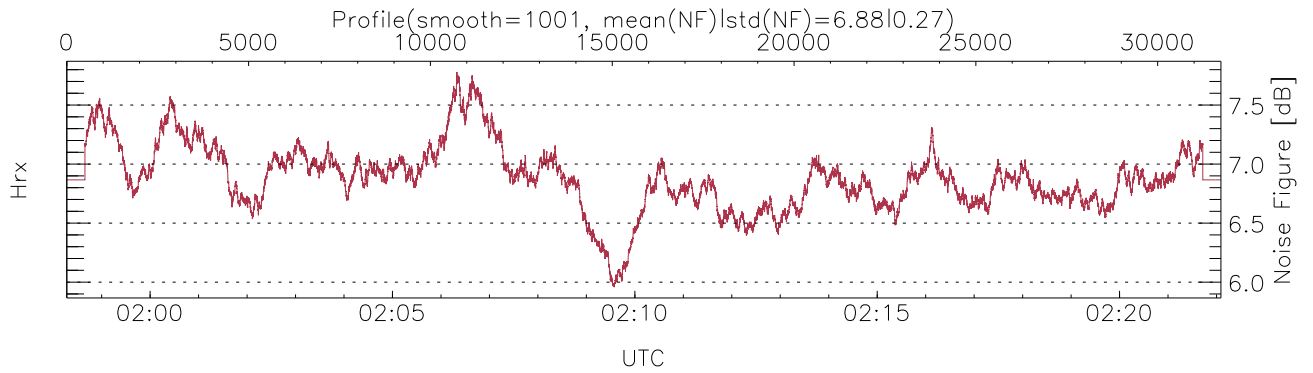
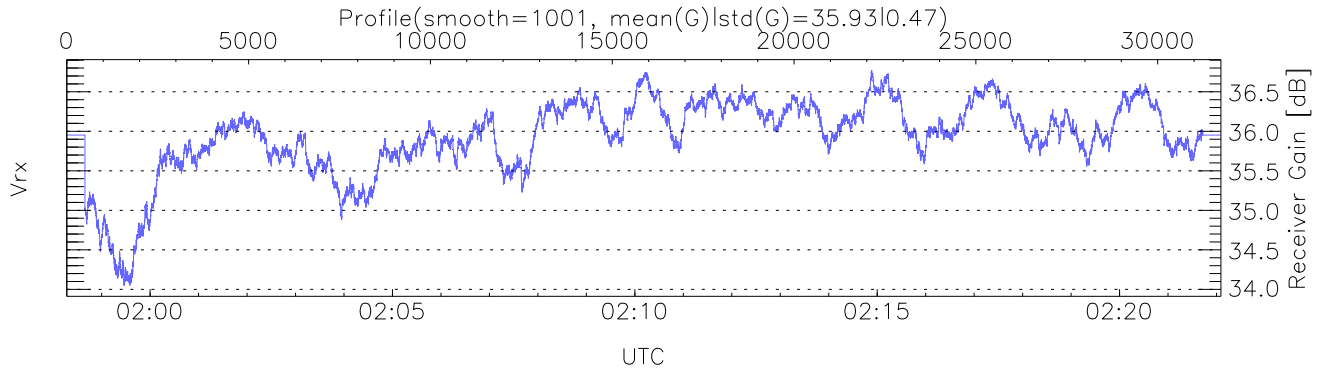
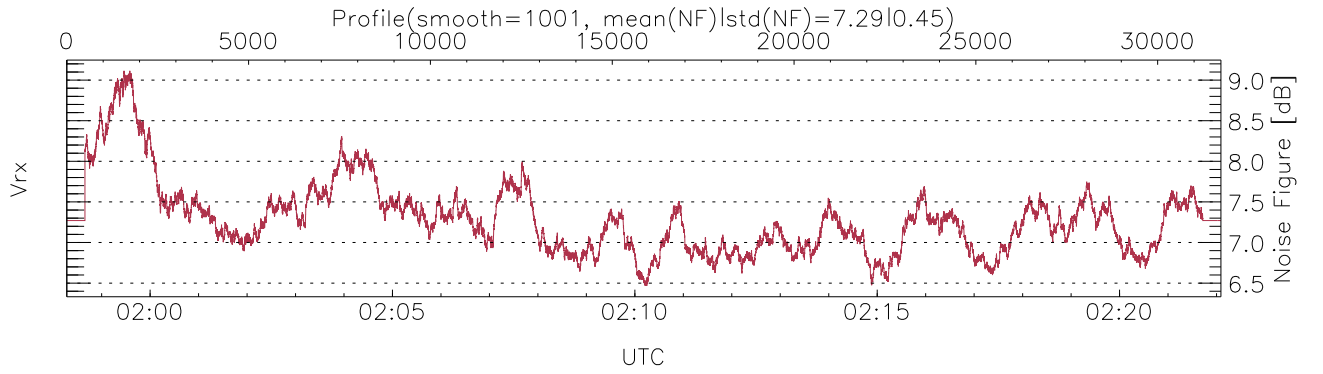
UTC: 01:58:17-02:22:05, TimeCor: 0.00s, Dur: 1428.66s
 TimeFlg: 1, TFPstatus constant.
 TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
 NumRec(r/t): 31741/31741, 0-31740/01:58:17-02:22:05
 AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
 Pulse: 250ns, IFF: 4.0MHz, 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

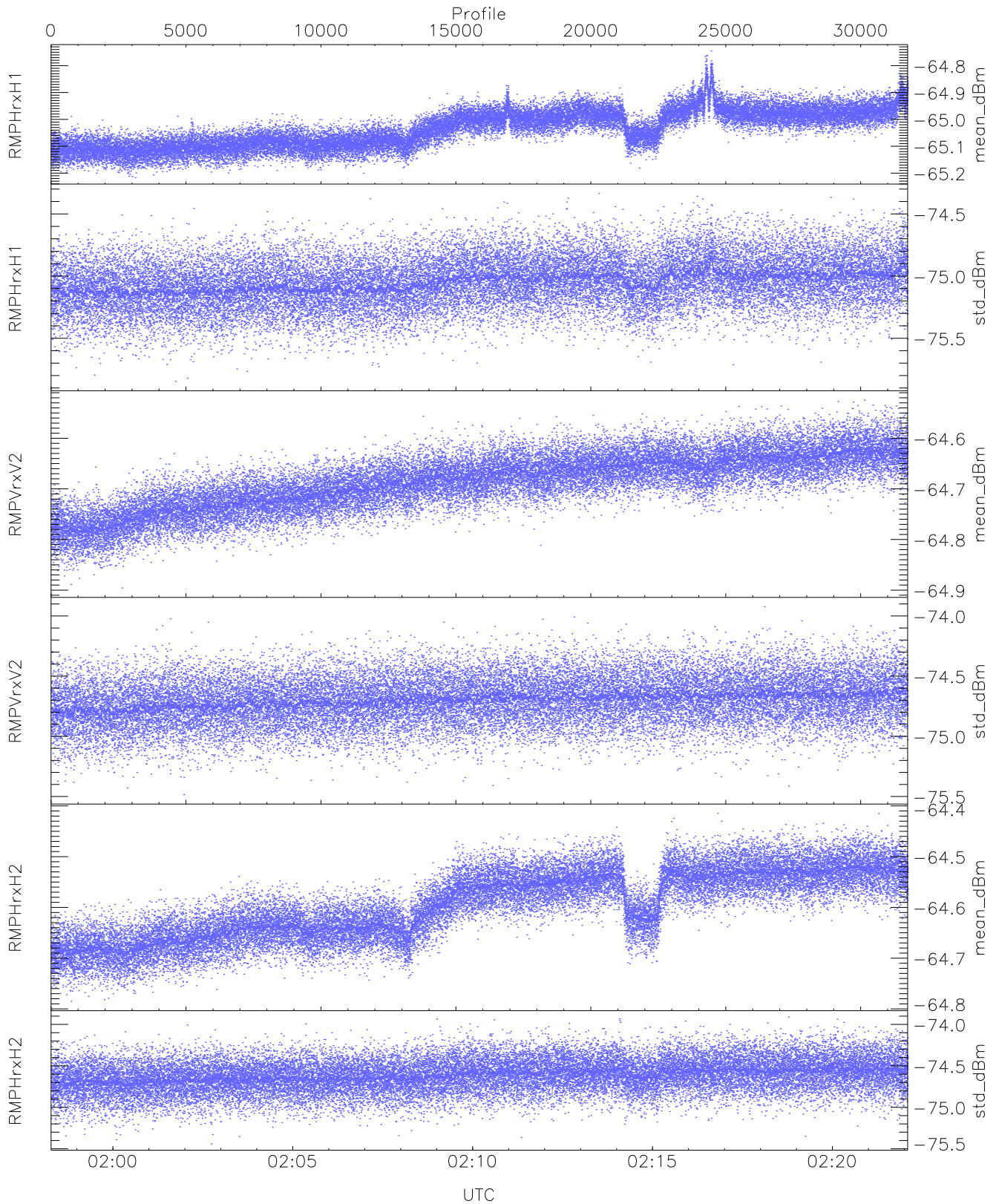
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,91,20,22,21,20
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,23,24,23,23
LOalarm(20,240,2817,14861 MHz): 0,0,114,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,Fault2,DeckF,OverDuty,HVPS,Fault1 (66,66,66,66,66,66,66)
    
```



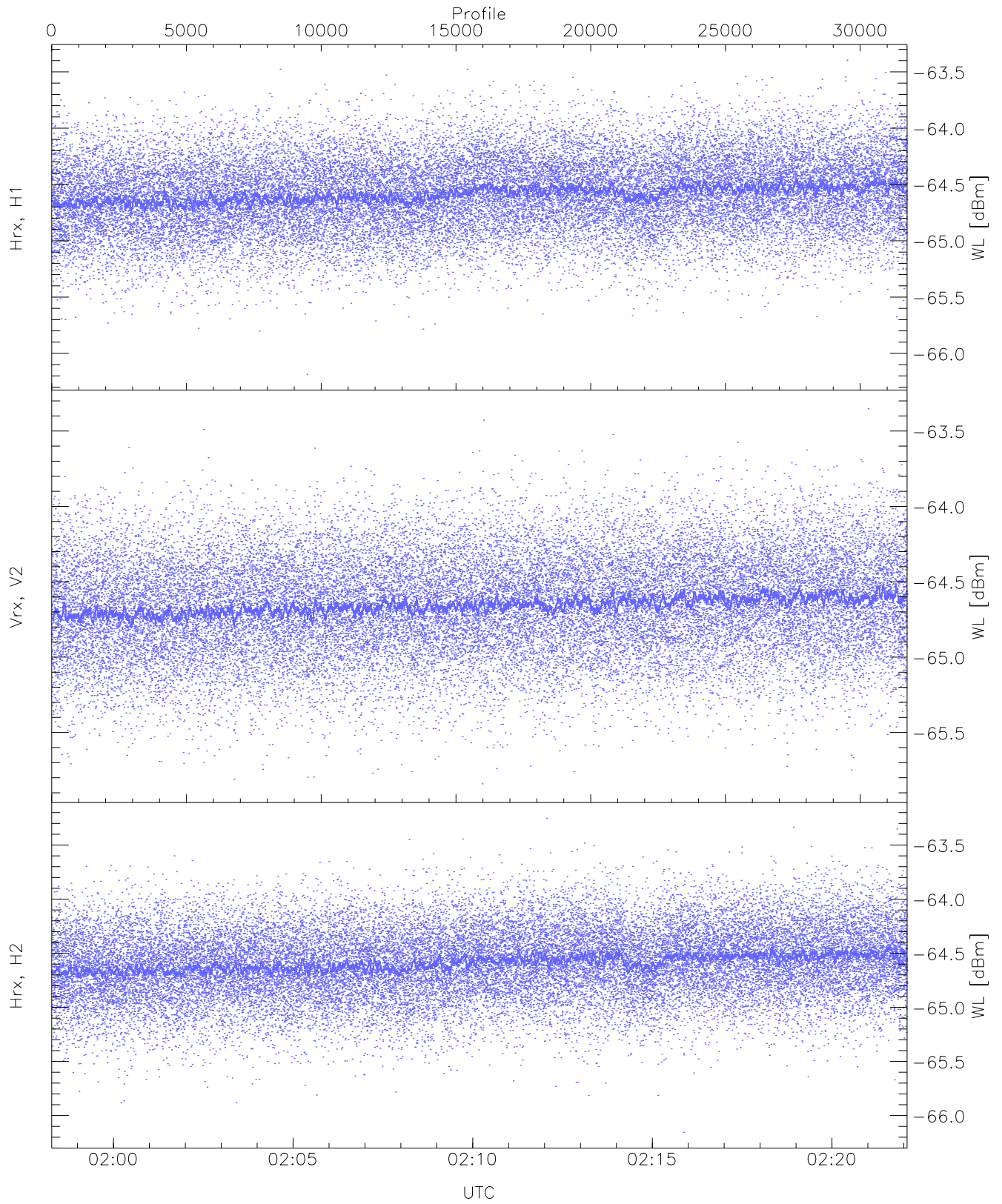
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 11 pixs, 1 gates, 11 profs, 1 prod(s)



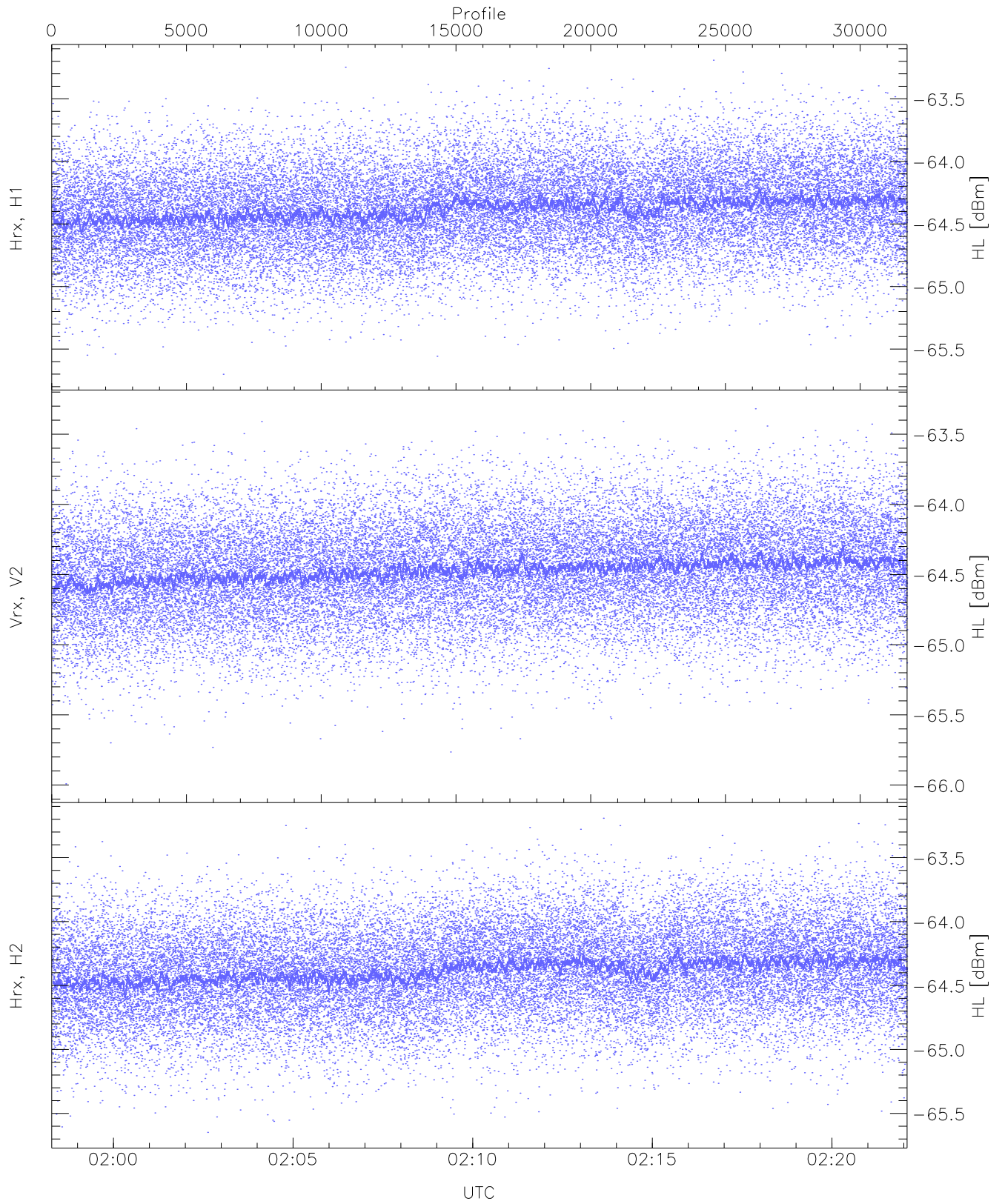
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.22	-64.75	-65.03	-65.03	-83.01
RMPHrxH1(std_dBm)	-75.85	-74.34	-75.05	-75.05	-88.62
RMPVrxV2(mean_dBm)	-64.90	-64.52	-64.69	-64.68	-83.64
RMPVrxV2(std_dBm)	-75.48	-73.92	-74.70	-74.70	-88.35
RMPHrxH2(mean_dBm)	-64.78	-64.41	-64.60	-64.59	-82.77
RMPHrxH2(std_dBm)	-75.44	-73.91	-74.61	-74.61	-88.21



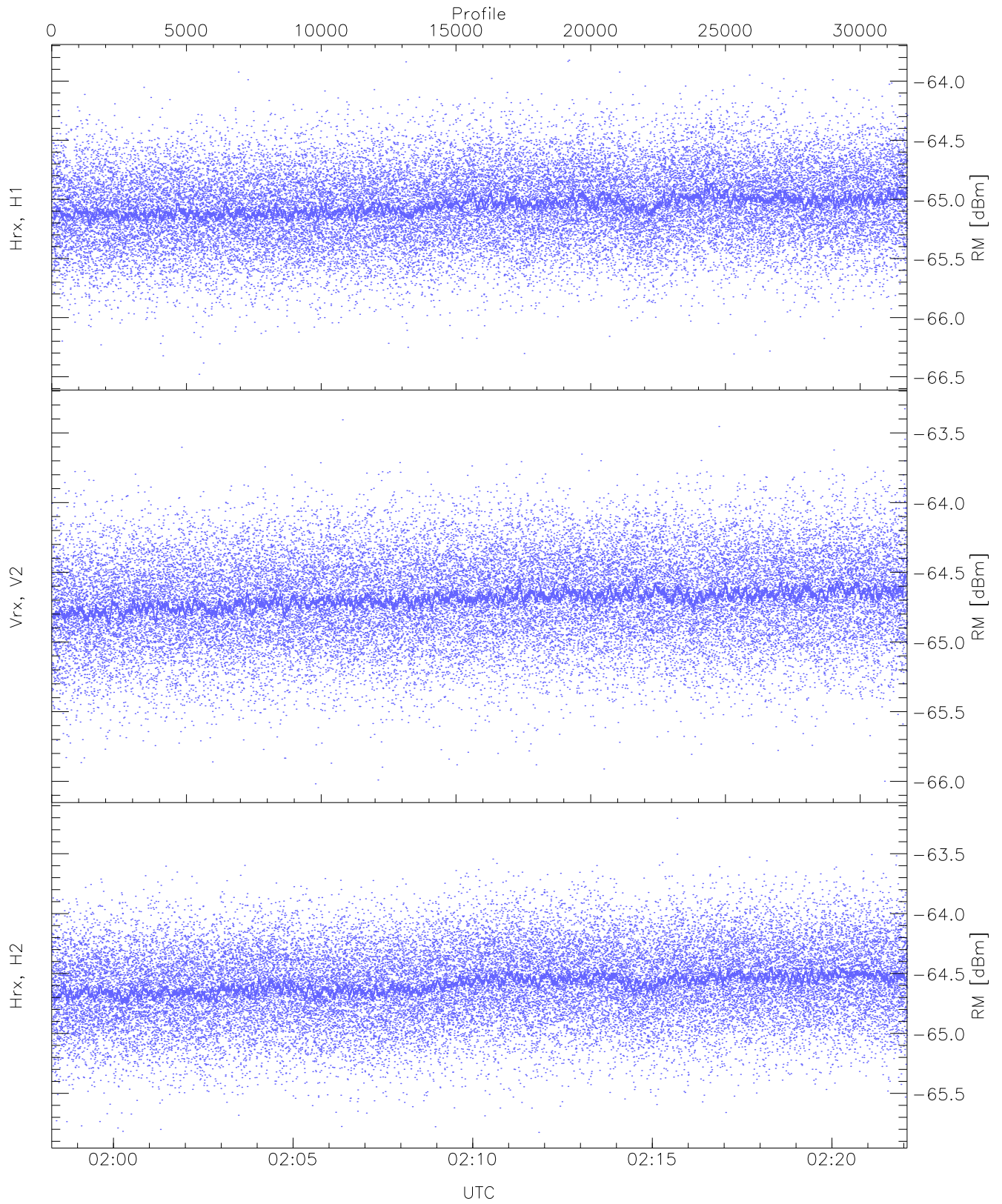
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.19	-63.40	-64.58	-64.59	-76.00
Vrx, V2 (WL [dBm])	-65.84	-63.35	-64.65	-64.66	-76.11
Hrx, H2 (WL [dBm])	-66.16	-63.25	-64.58	-64.59	-76.01



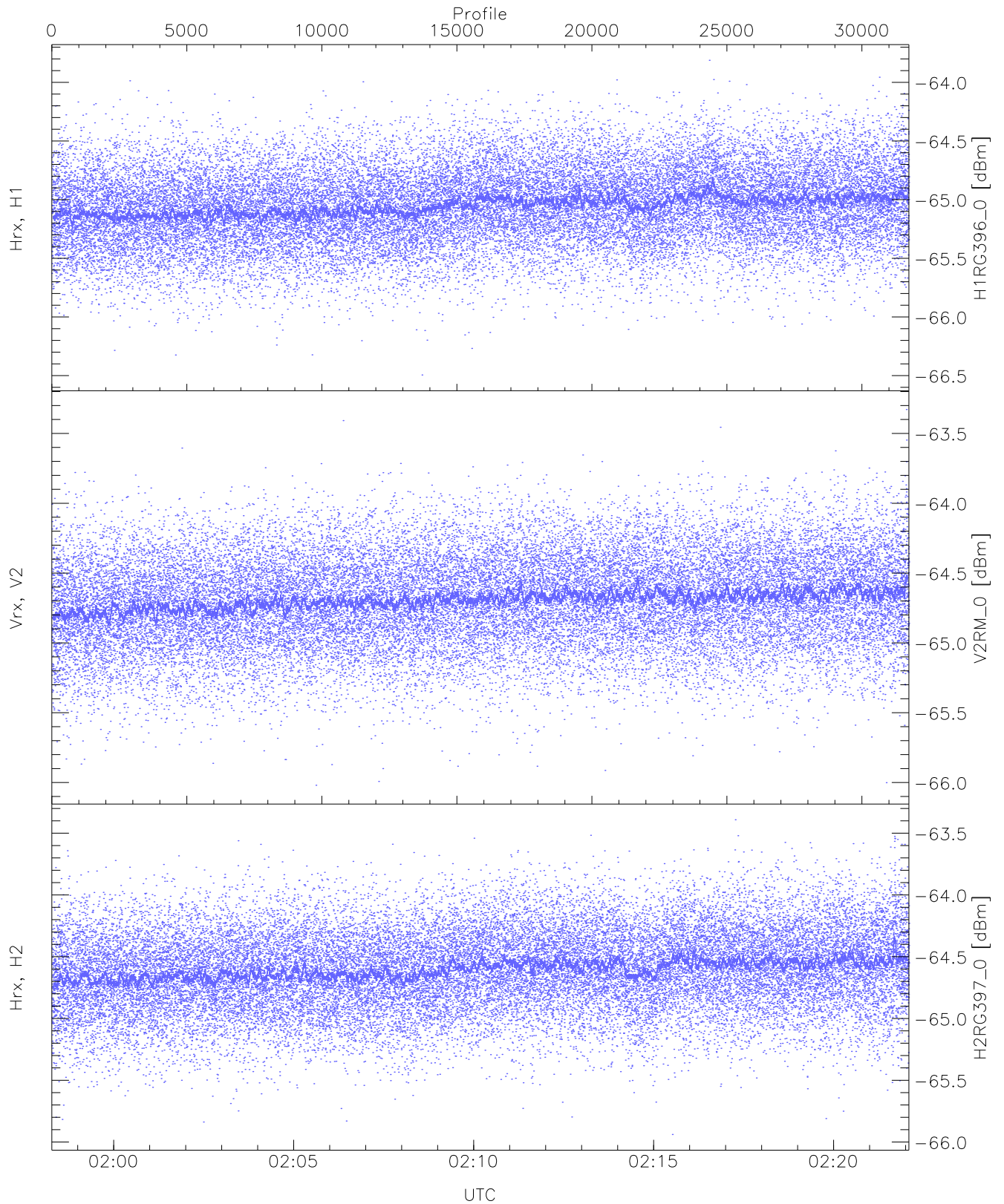
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.70	-63.19	-64.38	-64.39	-75.79
Vrx, V2 (HL [dBm])	-65.99	-63.32	-64.47	-64.47	-75.90
Hrx, H2 (HL [dBm])	-65.65	-63.19	-64.38	-64.39	-75.78



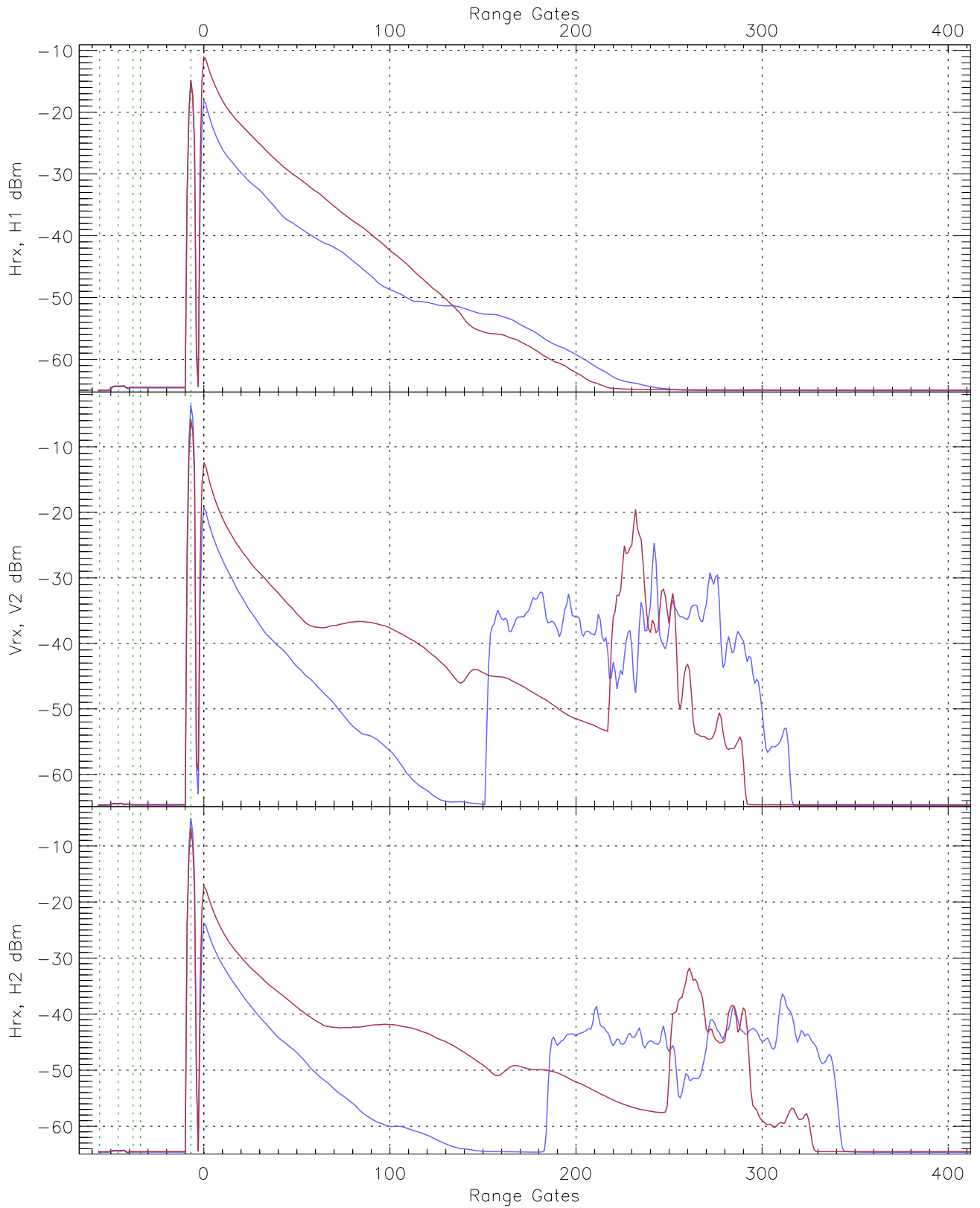
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.48	-63.82	-65.05	-65.05	-76.46
Vrx, V2 (RM [dBm])	-66.02	-63.33	-64.69	-64.69	-76.16
Hrx, H2 (RM [dBm])	-65.83	-63.20	-64.58	-64.59	-75.97

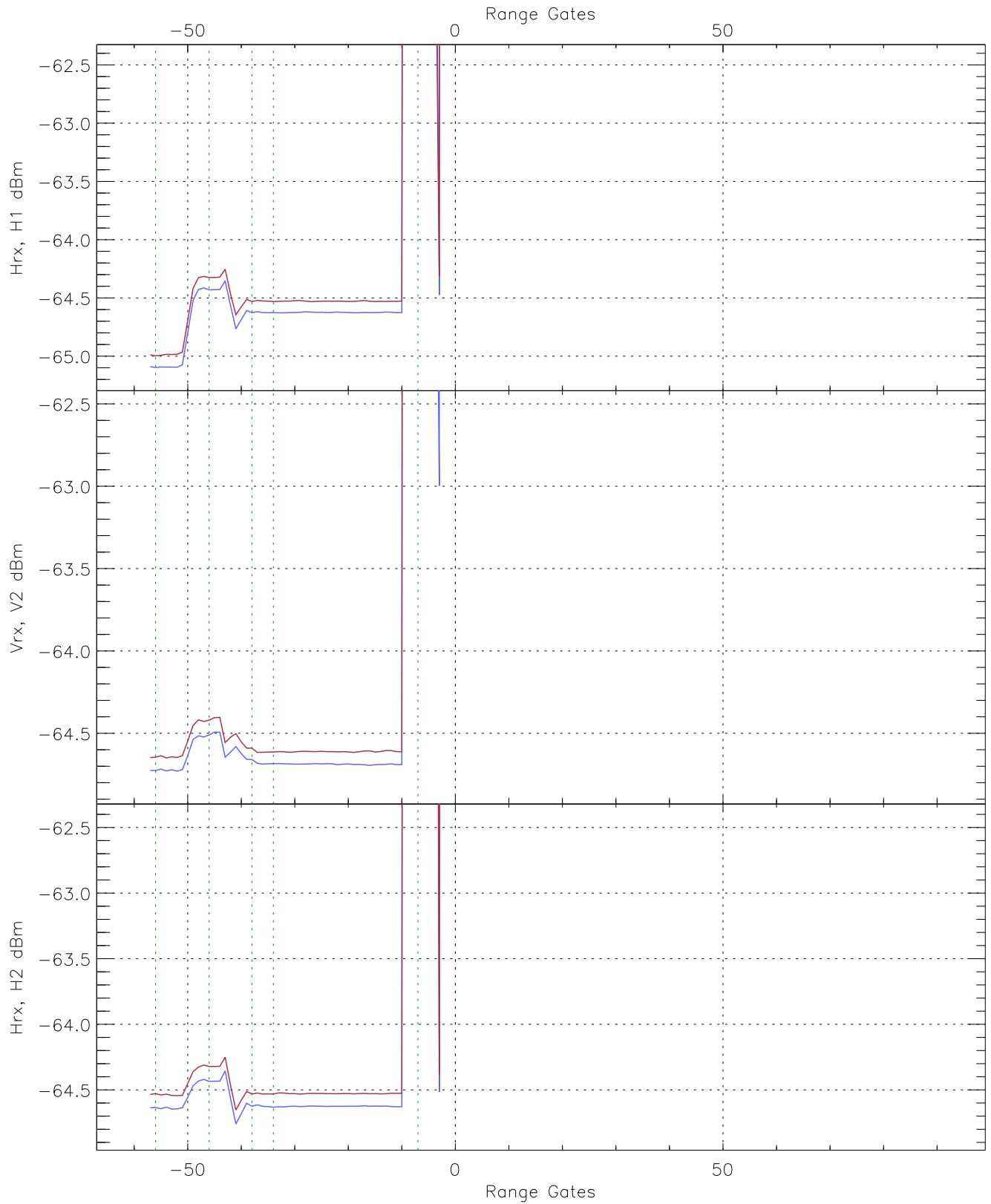


WCR3 CPP "Best" estimate Receivers Noise Power

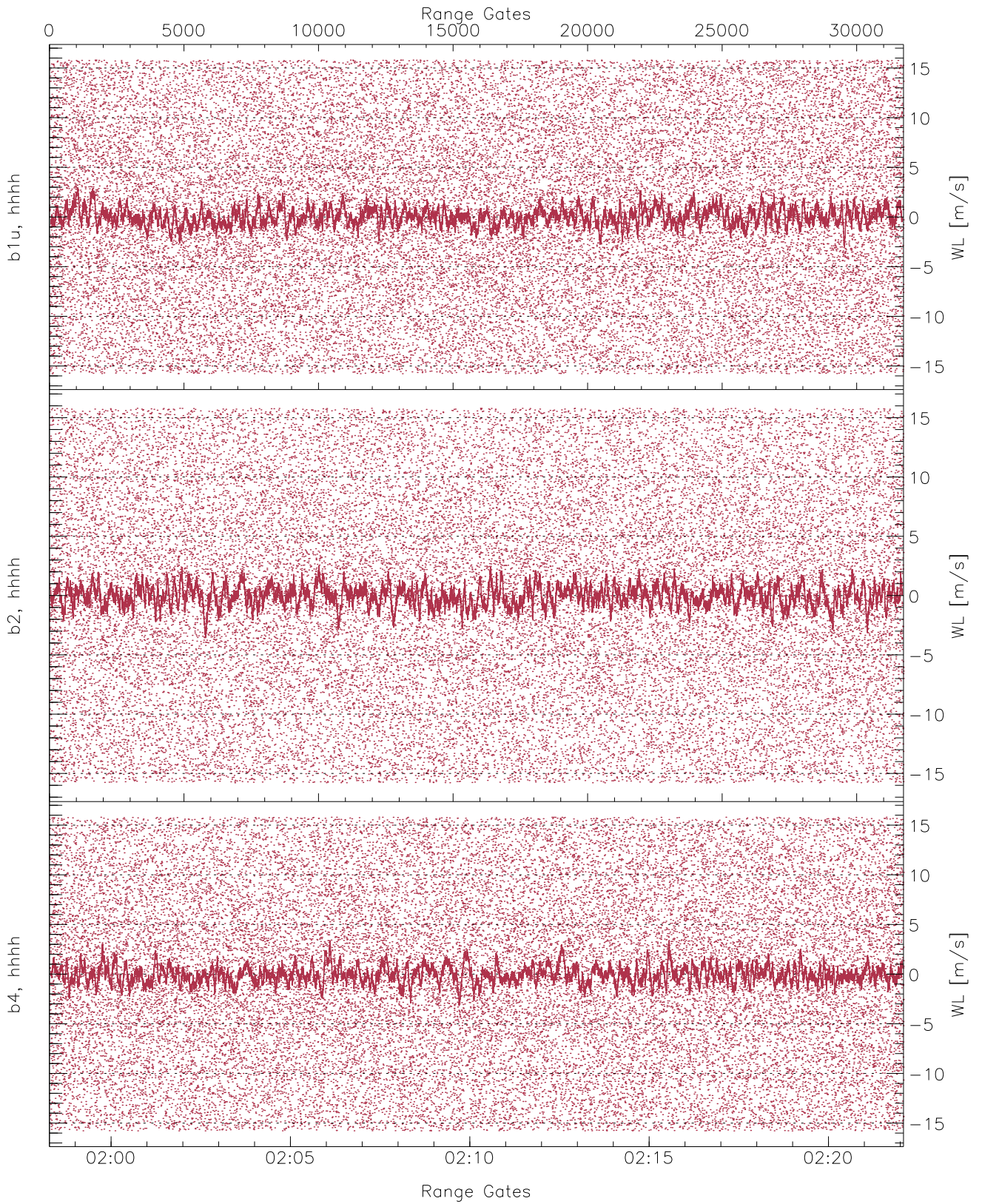
	Min	Max	Mean	Median	StDev
H1RG396_0 [dBm]	-66.49	-63.81	-65.05	-65.05	-76.49
V2RM_0 [dBm]	-66.02	-63.33	-64.69	-64.69	-76.16
H2RG397_0 [dBm]	-65.94	-63.39	-64.60	-64.60	-76.03



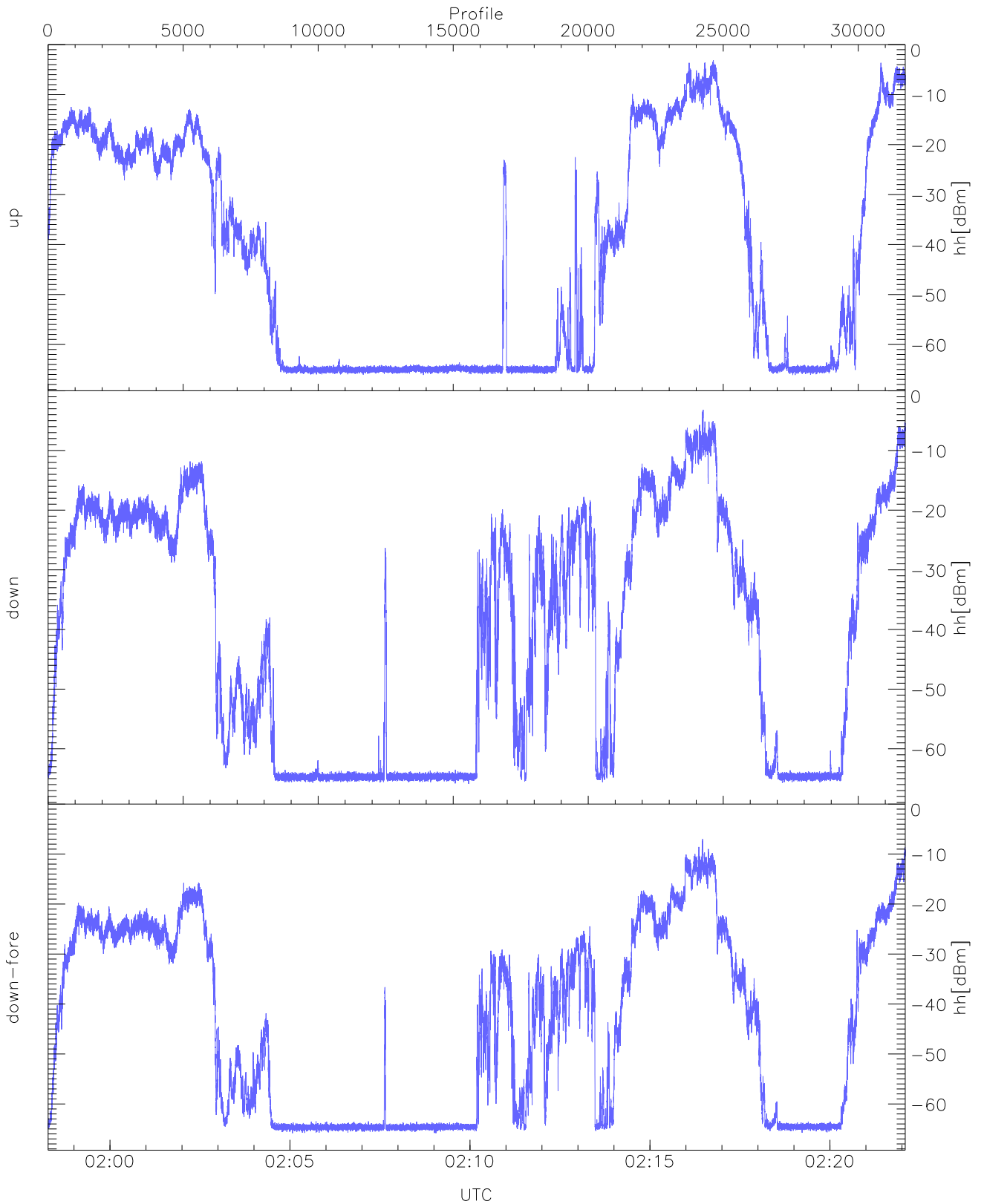
WCR3 CPP Averaged Received power for all recorded gates
blue: 015817-021011, 15871 profiles averaged
red: 021011-022205, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 015817-021011, 15871 profiles averaged
red: 021011-022205, 15871 profiles averaged

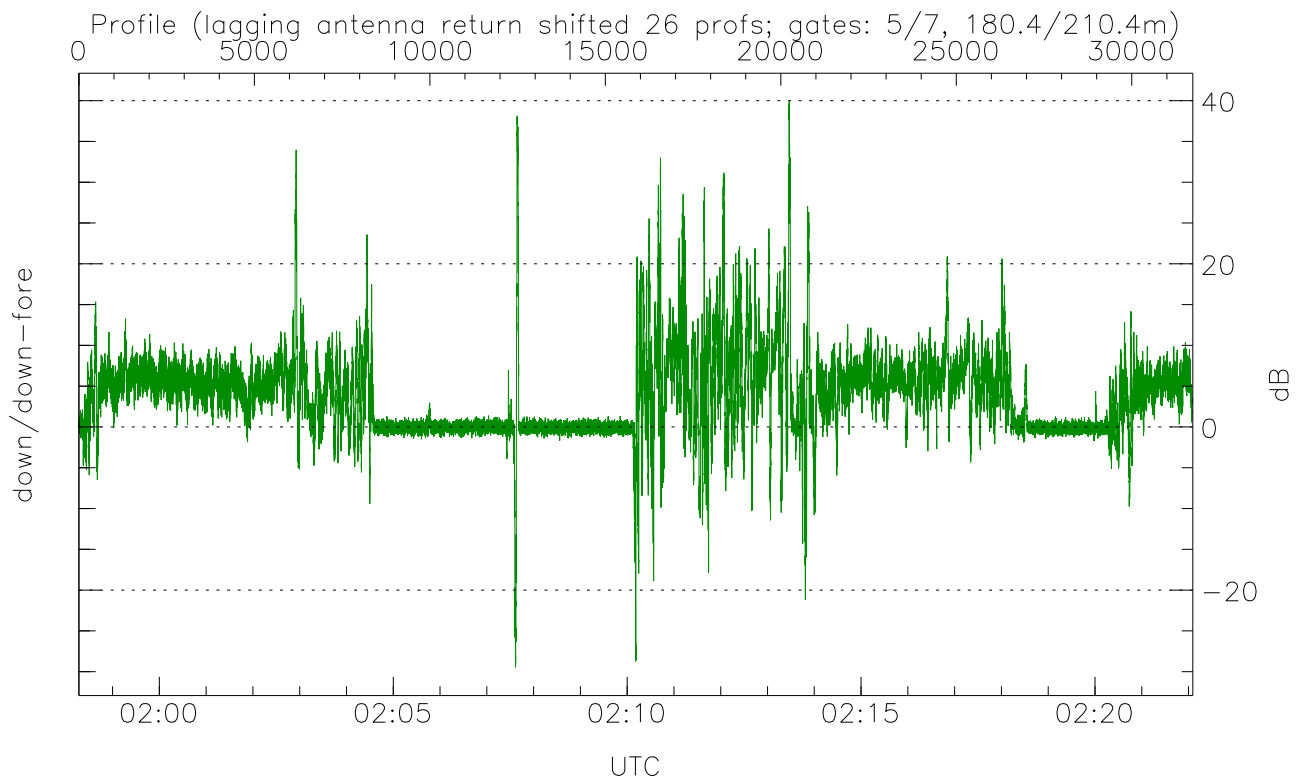
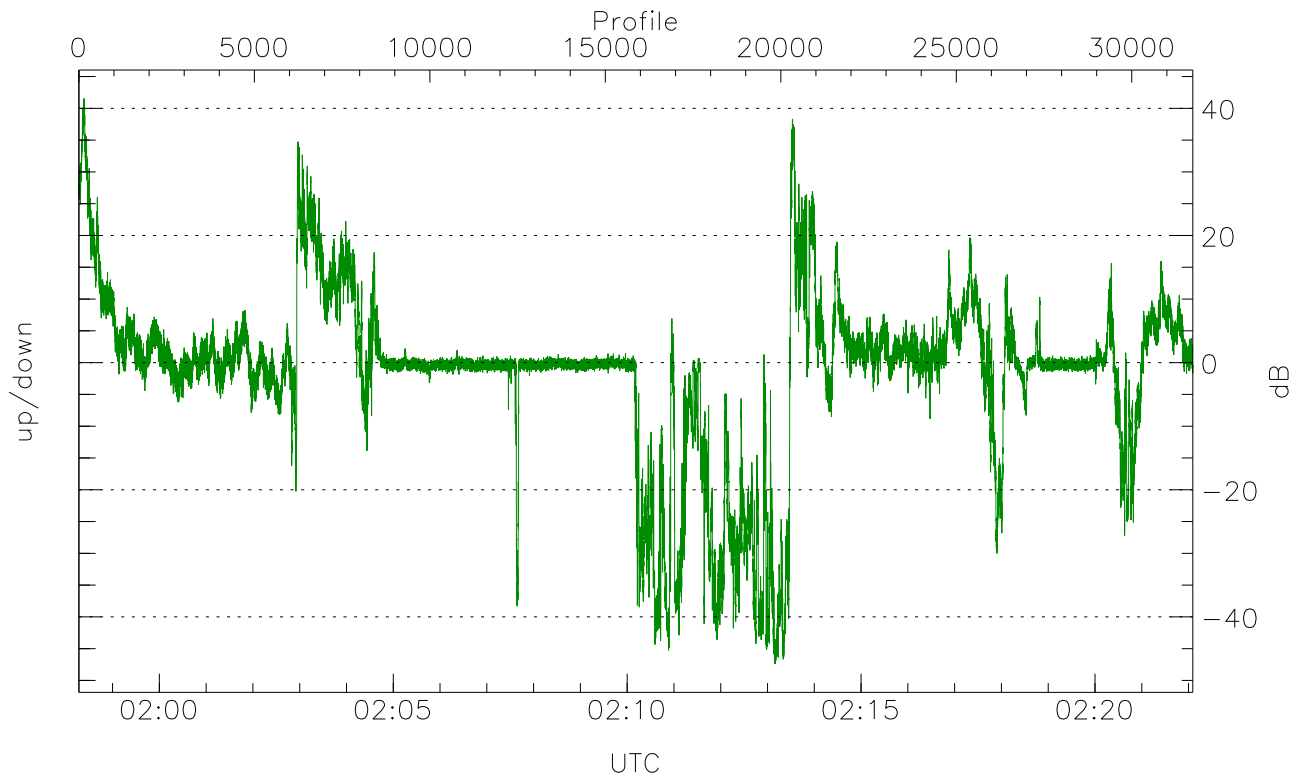


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



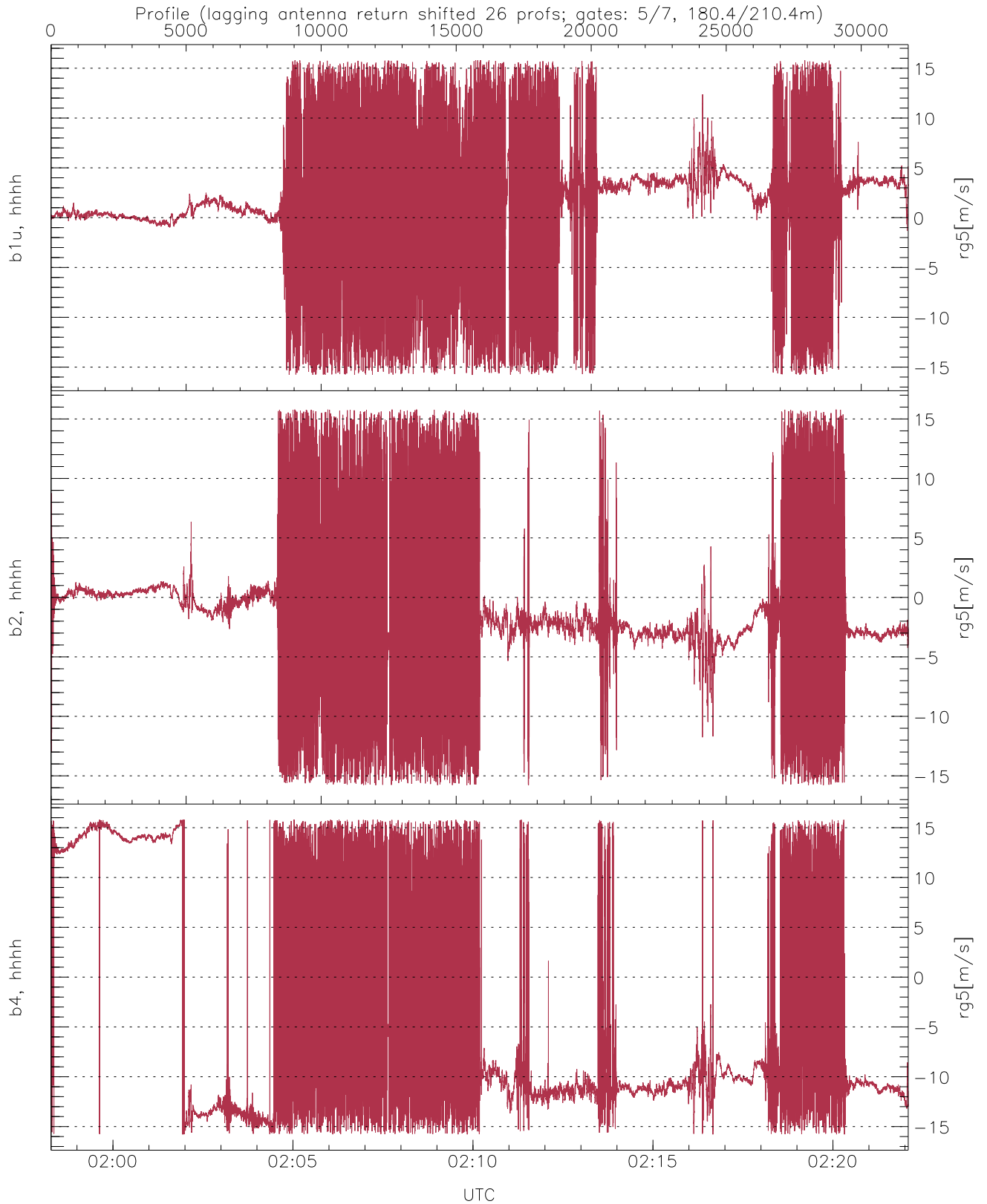
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.11	-3.13	-17.27
down(hh[dBm])	-65.86	-3.17	-19.33
down-fore(hh[dBm])	-65.86	-7.01	-23.62



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

	Min	Max	Mean
up/down (dB)	-47.42	41.58	-1.46
down/down-fore (dB)	-29.46	39.89	3.75



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	1.27	5.37
b2, hhhh(rg5[m/s])	-15.78	15.79	-1.19	5.00
b4, hhhh(rg5[m/s])	-15.79	15.79	-3.72	10.49