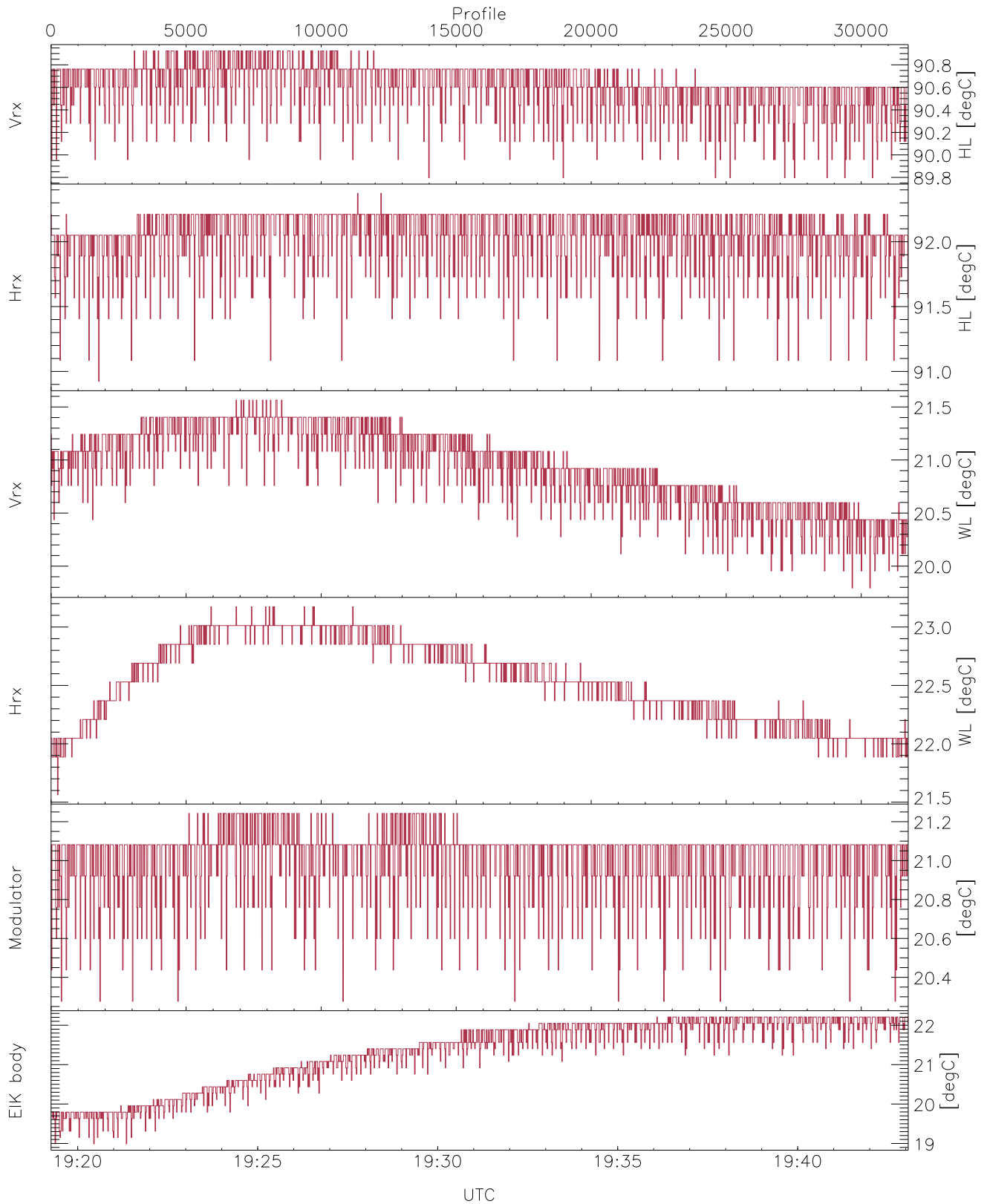


WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

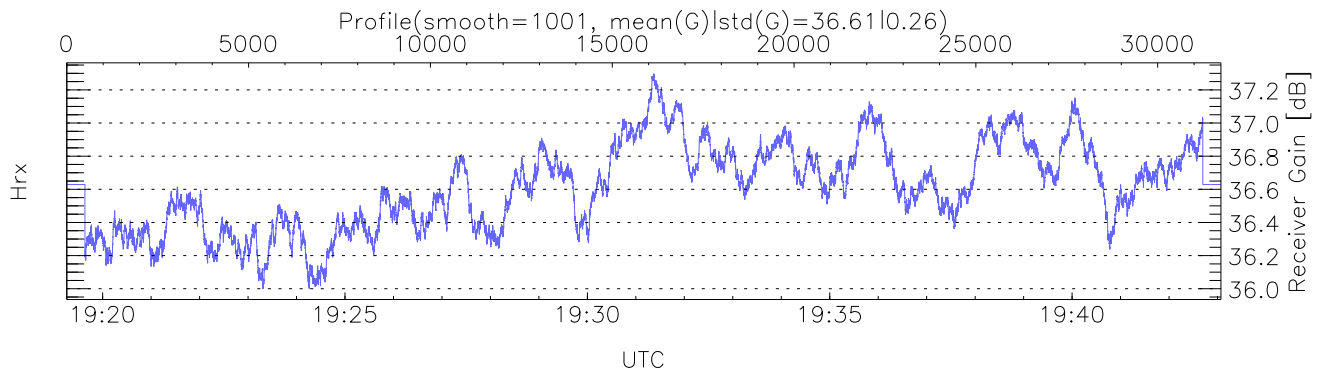
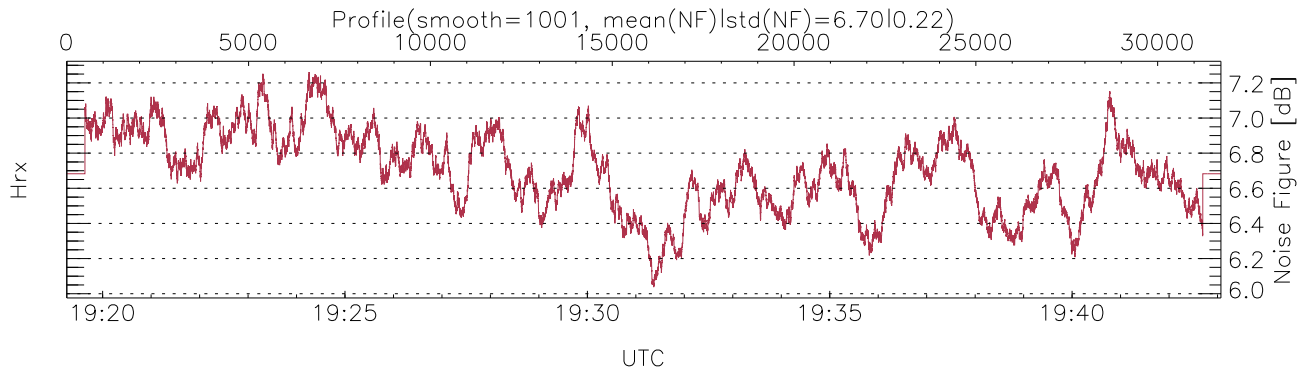
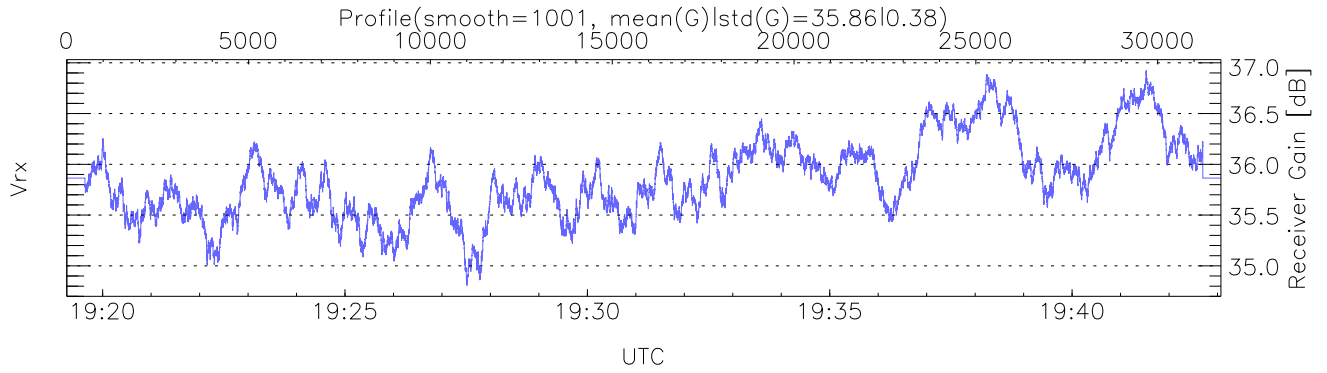
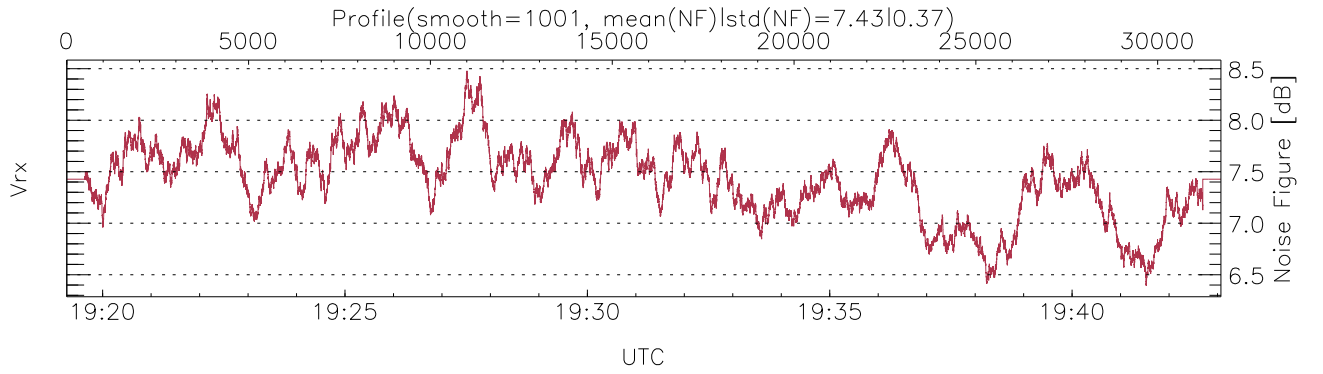
UTC: 19:19:16-19:43:04, TimeCor: 0.00s, Dur: 1428.66s
 TimeFlg: 1, TFPstatus constant.
 TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
 NumRec(r/t): 31741/31741, 0-31740/19:19:16-19:43:04
 AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
 Pulse: 250ns, IFF: 4.0MHz, 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

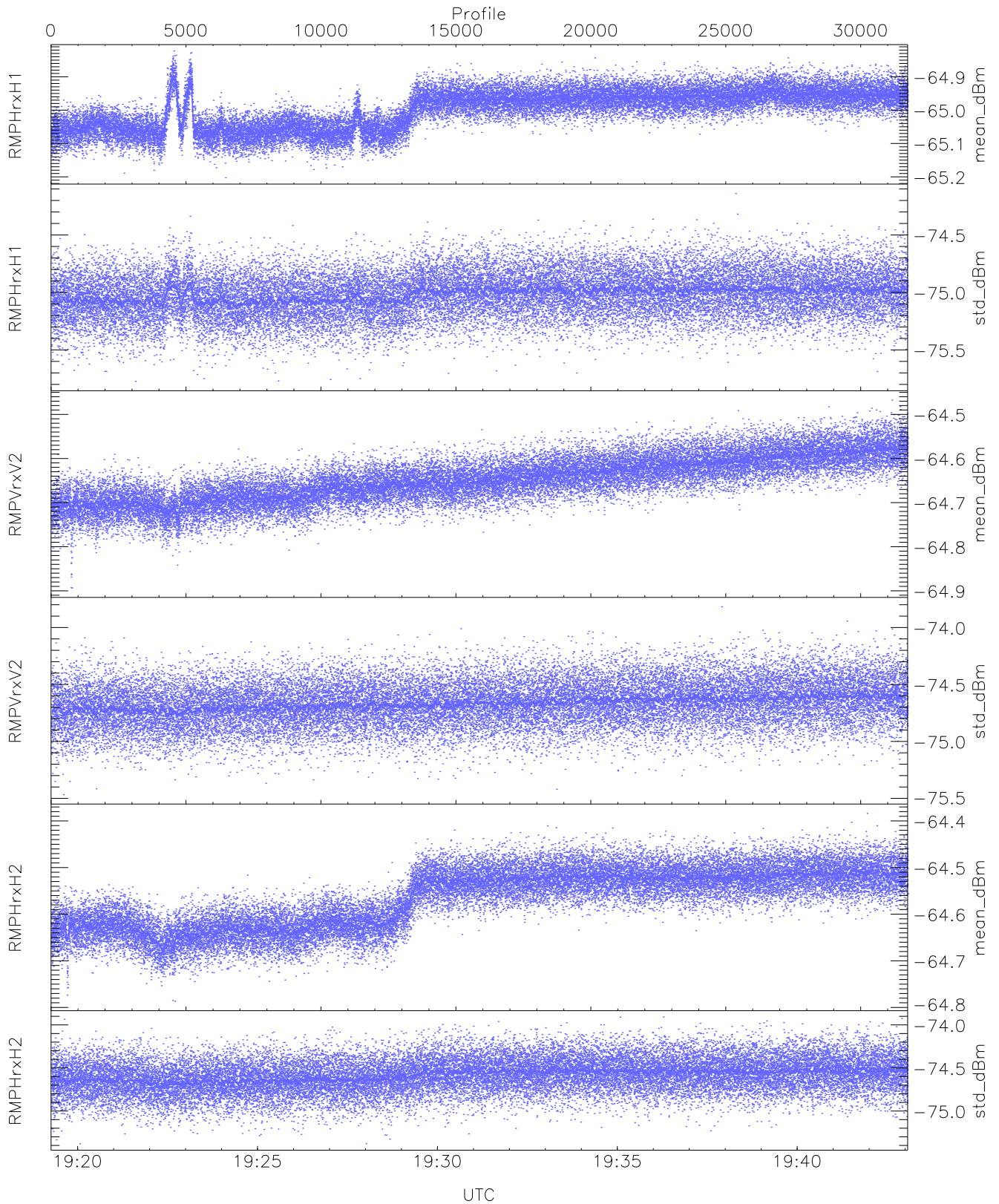
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,90,19,21,20,18
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,21,23,21,22
LOalarm(20,240,2817,14861 MHz): 0,0,23,0
EIK Faults(# prof affected):
  DeckT,CollT,BodyCurr,Fault2,DeckF,OverDuty,HVPS,Fault1 (66,66,66,22,66,66,66,22)
    
```



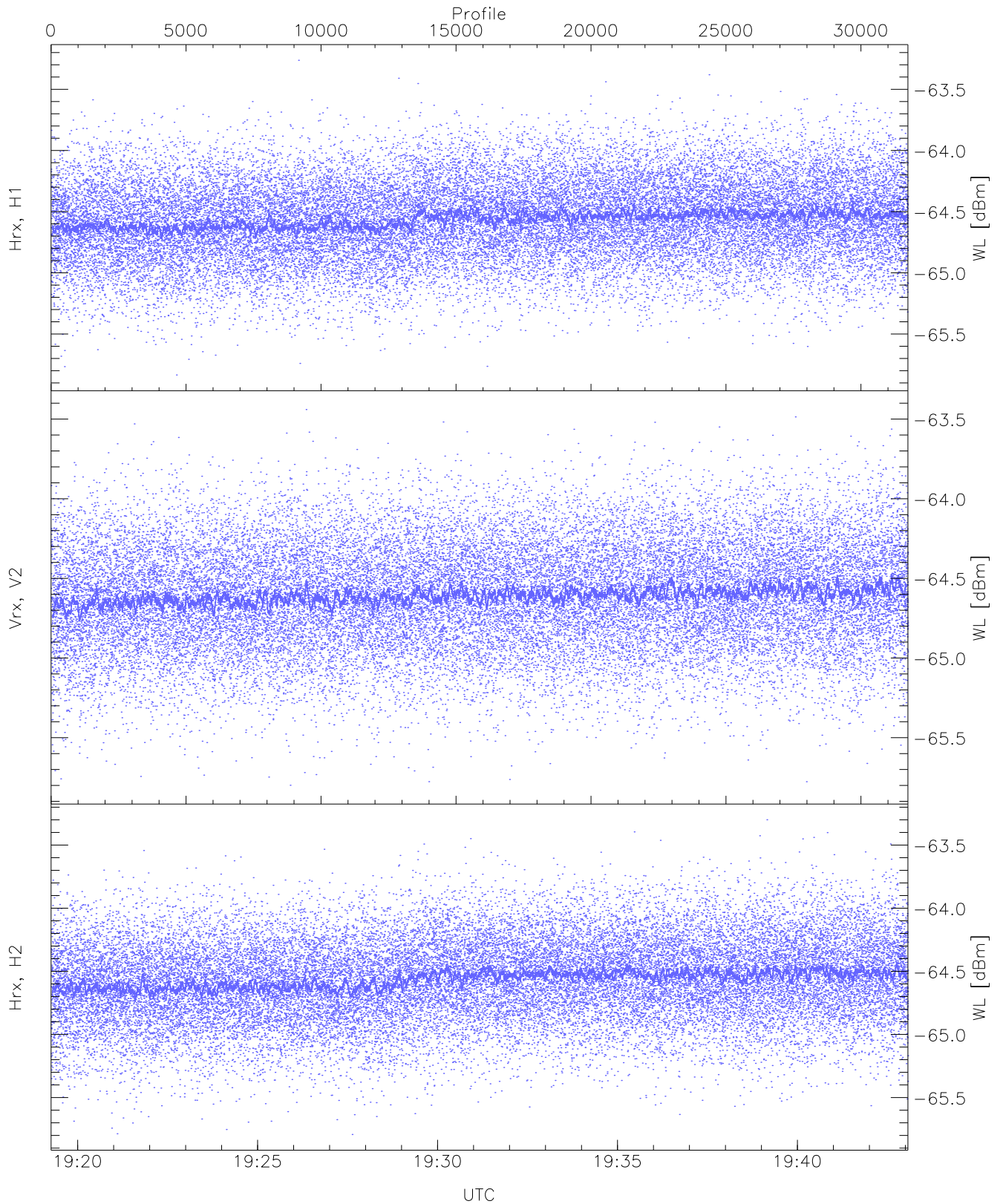
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 68 pixs, 2 gates, 68 profs, 1 prod(s)



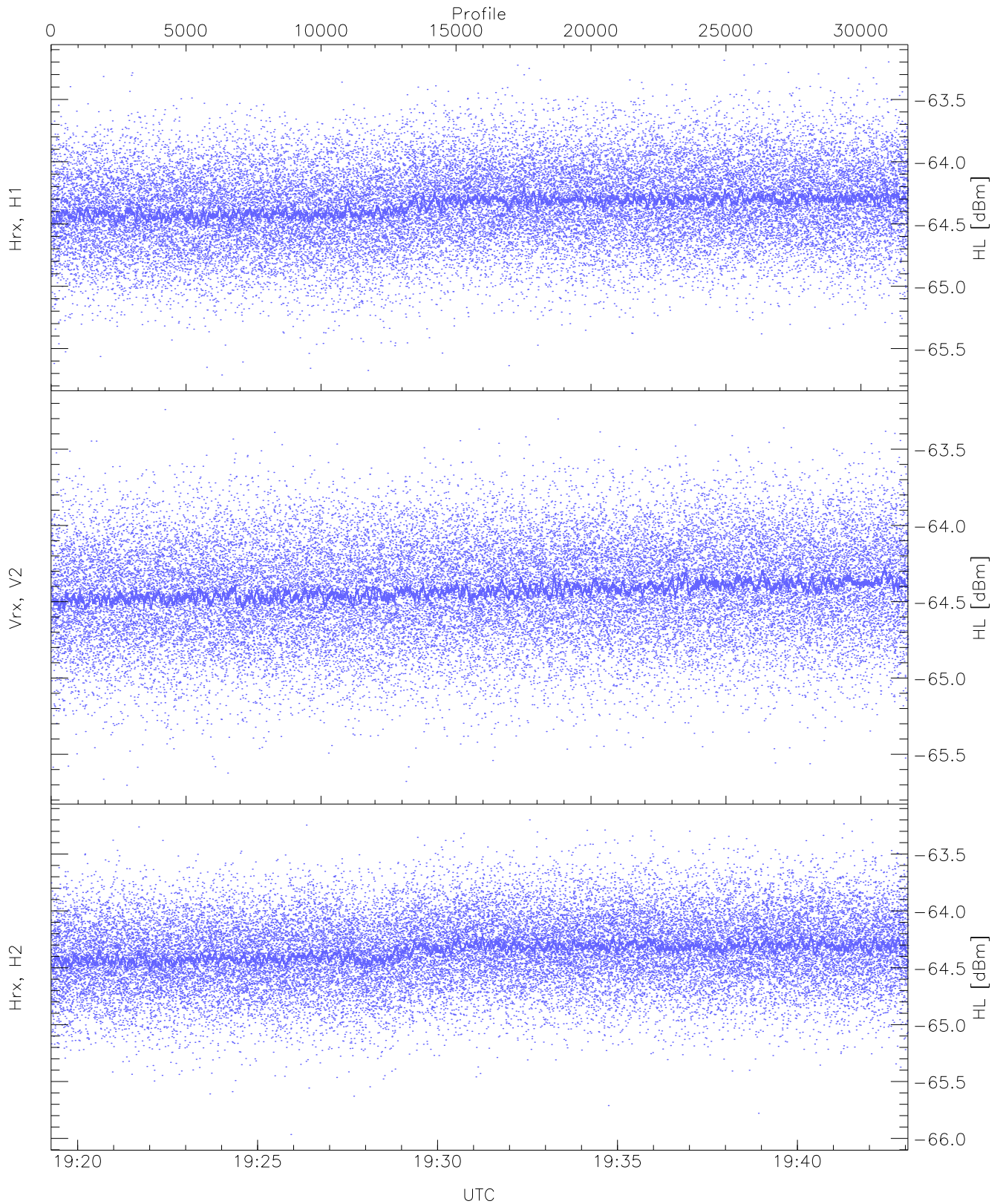
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.20	-64.82	-65.00	-64.99	-83.70
RMPHrxH1 (std_dBm)	-75.77	-74.14	-75.01	-75.02	-88.68
RMPVrxV2 (mean_dBm)	-64.89	-64.47	-64.65	-64.65	-83.83
RMPVrxV2 (std_dBm)	-75.47	-73.82	-74.66	-74.67	-88.32
RMPHrxH2 (mean_dBm)	-64.79	-64.38	-64.57	-64.55	-82.94
RMPHrxH2 (std_dBm)	-75.38	-73.91	-74.58	-74.59	-88.16



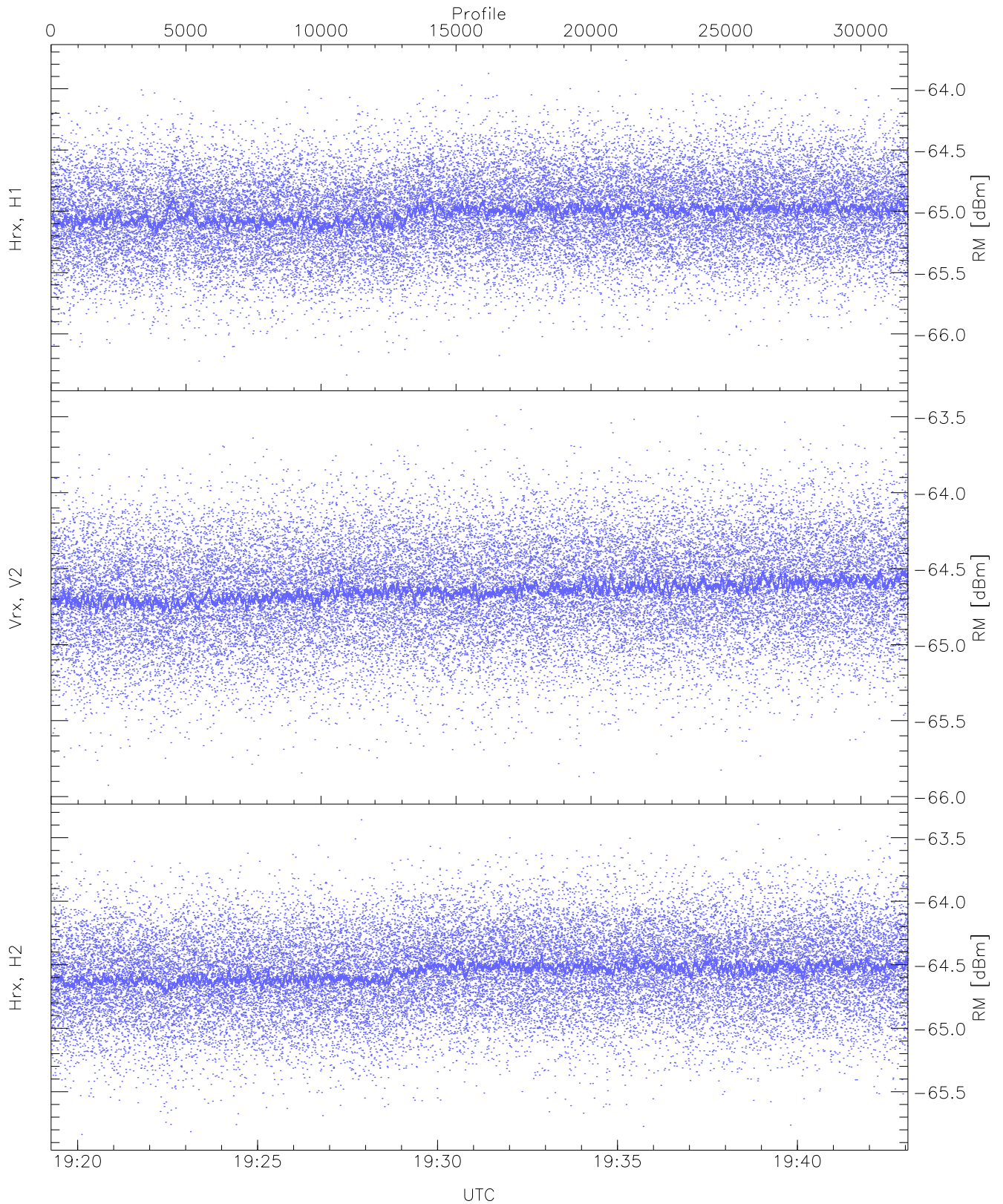
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.83	-63.26	-64.56	-64.57	-76.01
Vrx, V2 (WL [dBm])	-65.80	-63.44	-64.60	-64.61	-76.08
Hrx, H2 (WL [dBm])	-65.79	-63.30	-64.56	-64.56	-76.01



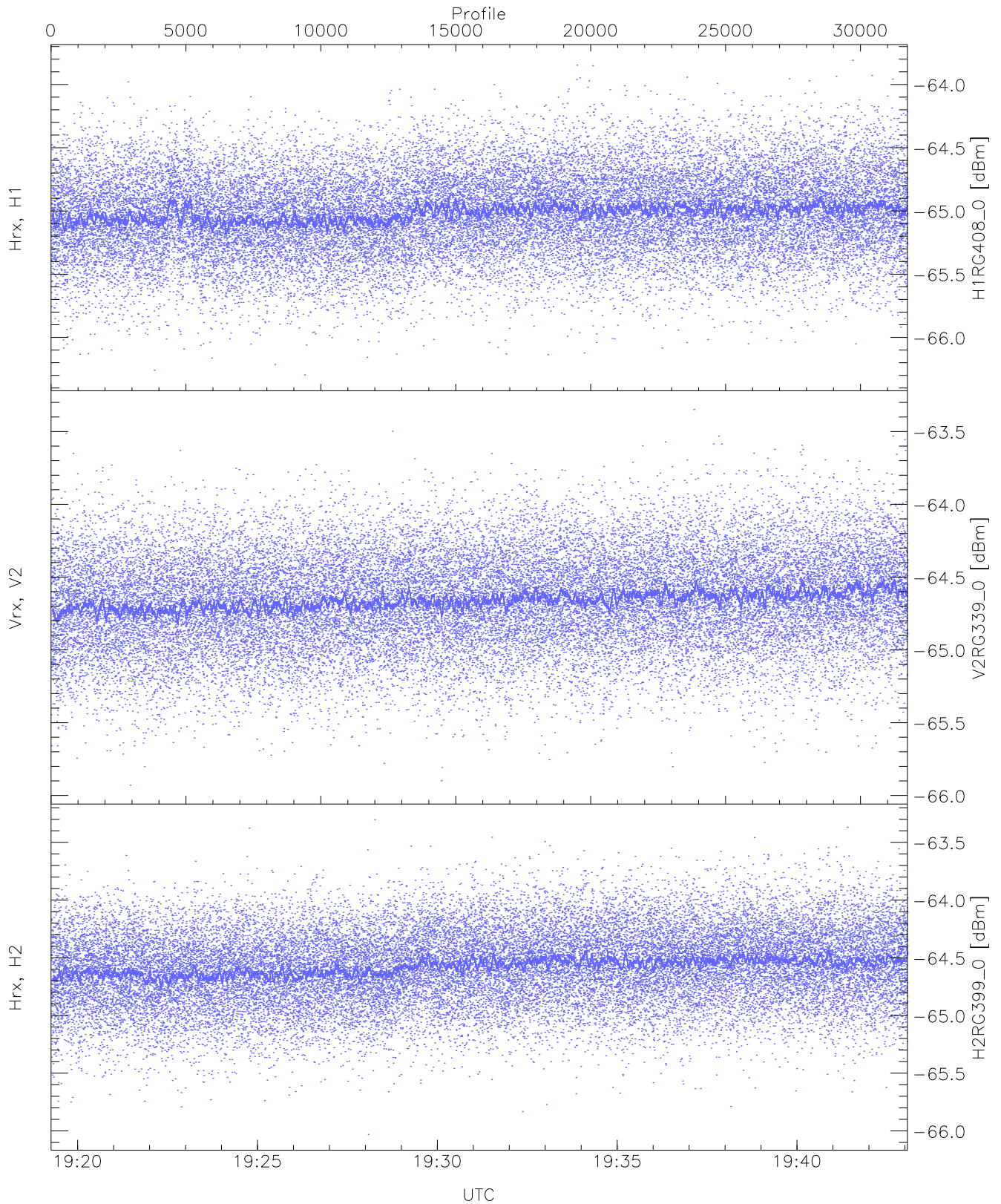
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.71	-63.19	-64.34	-64.35	-75.76
Vrx, V2 (HL [dBm])	-65.70	-63.24	-64.42	-64.43	-75.89
Hrx, H2 (HL [dBm])	-65.97	-63.20	-64.35	-64.36	-75.78



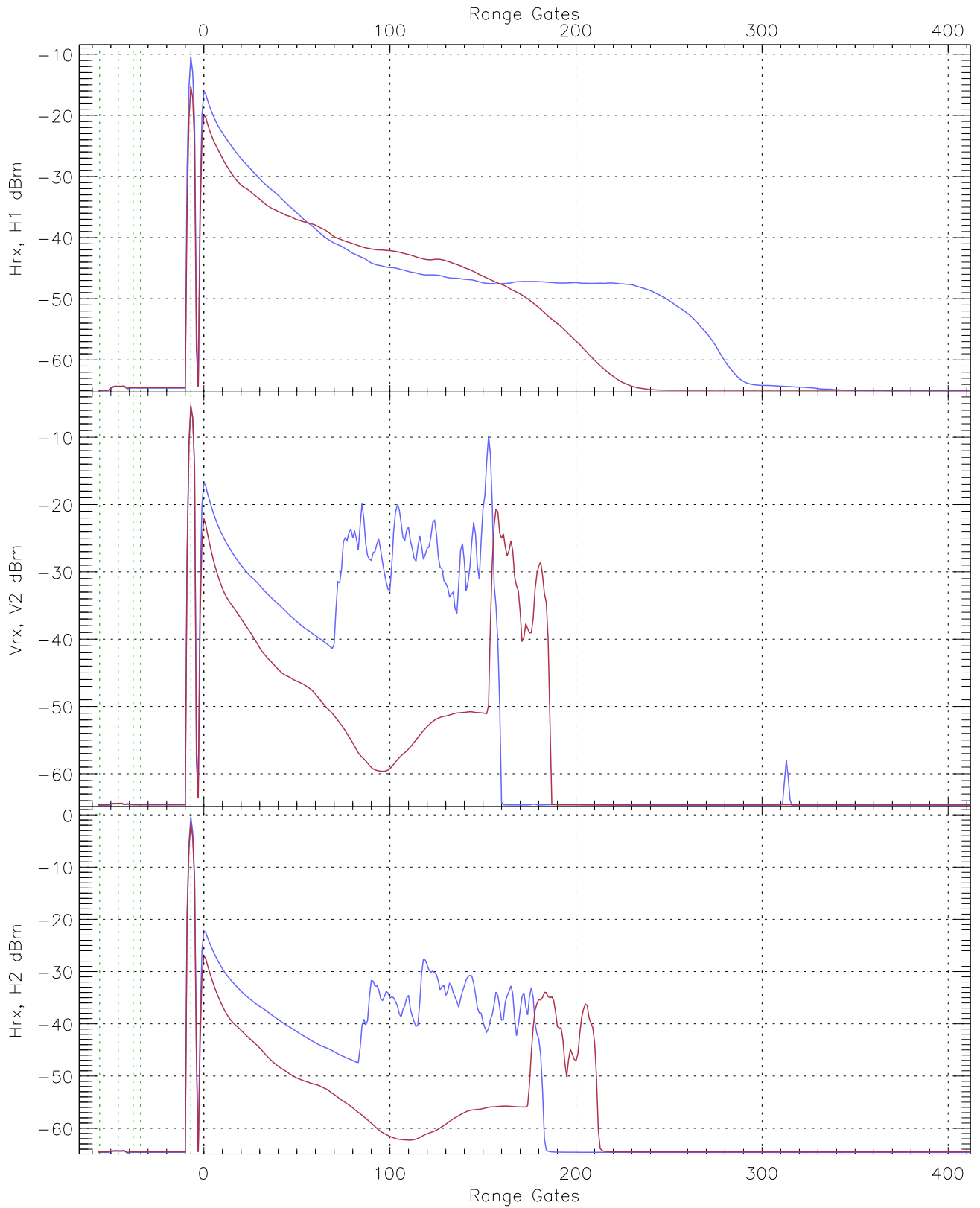
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.34	-63.77	-65.01	-65.02	-76.45
Vrx, V2 (RM [dBm])	-65.93	-63.45	-64.64	-64.65	-76.10
Hrx, H2 (RM [dBm])	-65.84	-63.36	-64.55	-64.56	-76.00

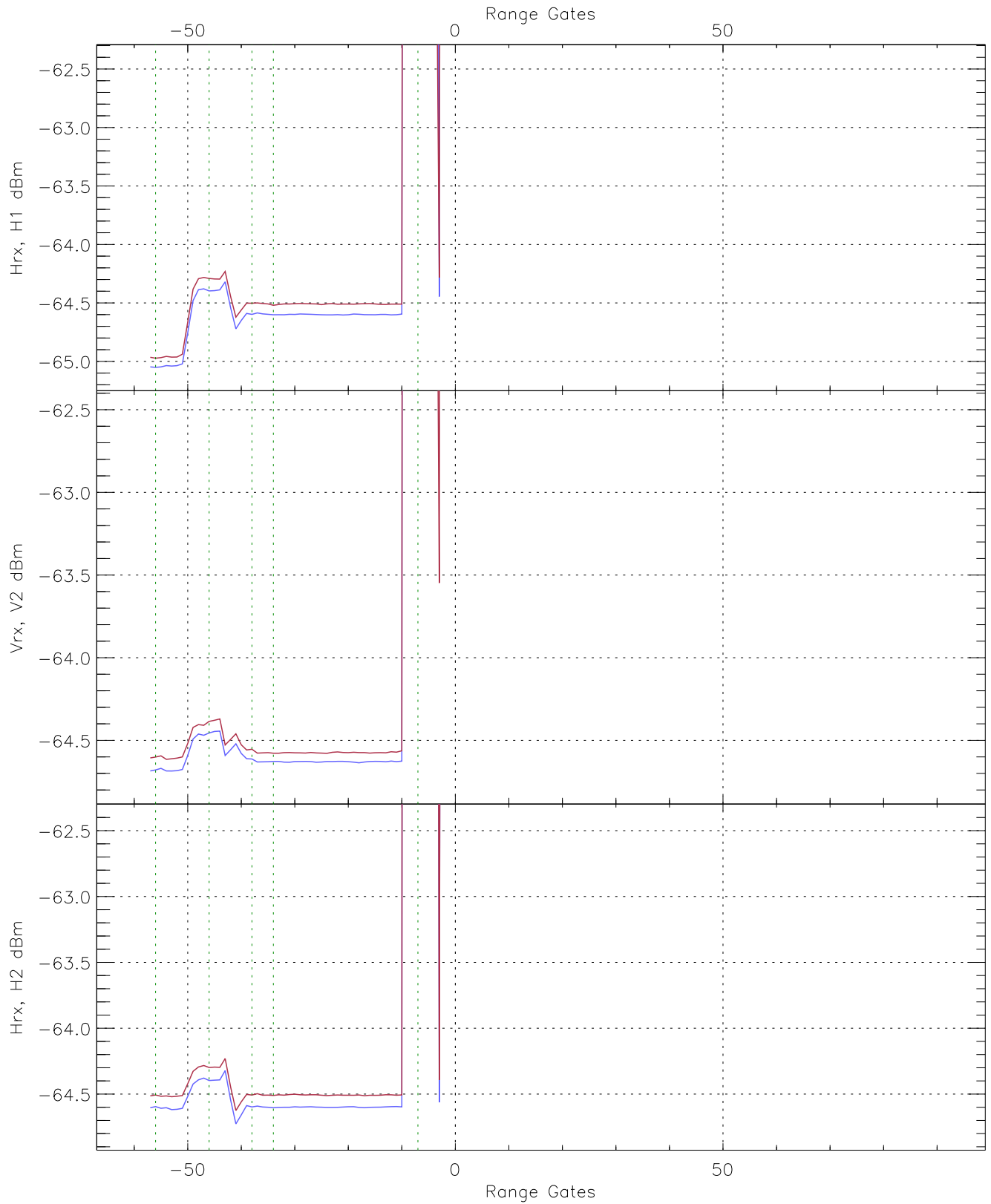


WCR3 CPP "Best" estimate Receivers Noise Power

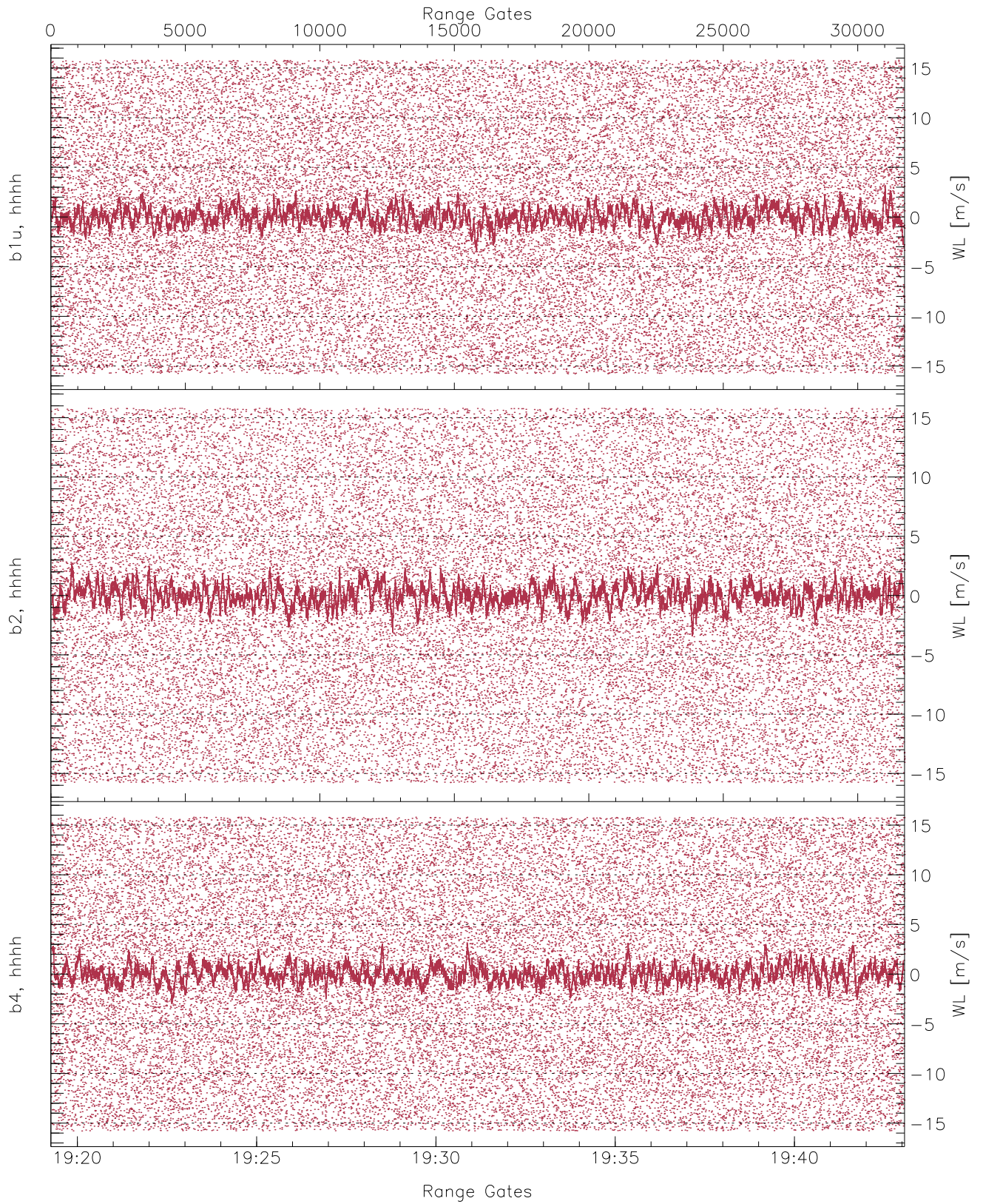
	Min	Max	Mean	Median	StDev
H1RG408_0 [dBm]	-66.30	-63.81	-65.01	-65.02	-76.47
V2RG339_0 [dBm]	-65.93	-63.35	-64.65	-64.66	-76.10
H2RG399_0 [dBm]	-66.03	-63.30	-64.57	-64.58	-75.99



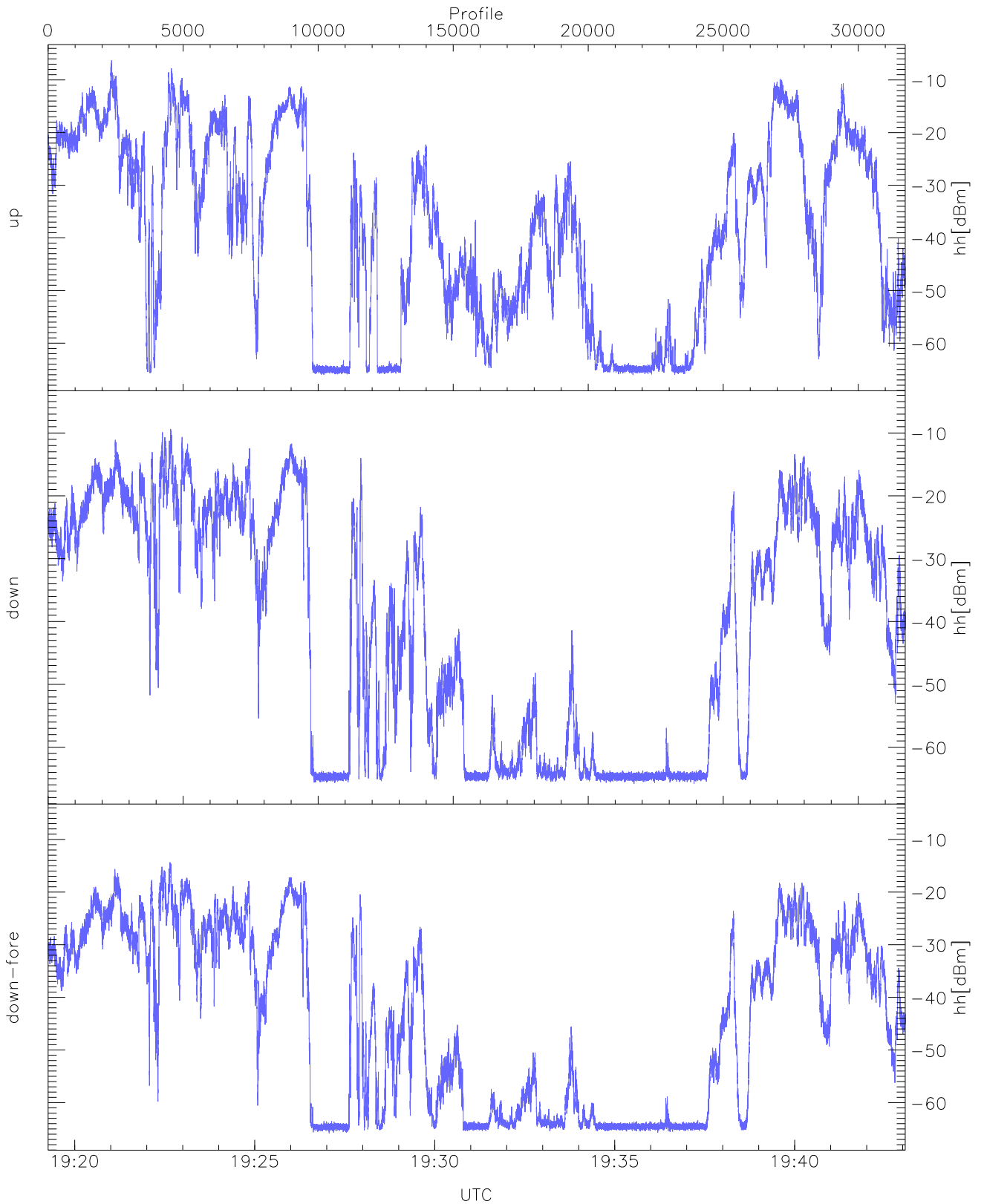
WCR3 CPP Averaged Received power for all recorded gates
blue: 191916-193110, 15871 profiles averaged
red: 193110-194304, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 191916-193110, 15871 profiles averaged
red: 193110-194304, 15871 profiles averaged

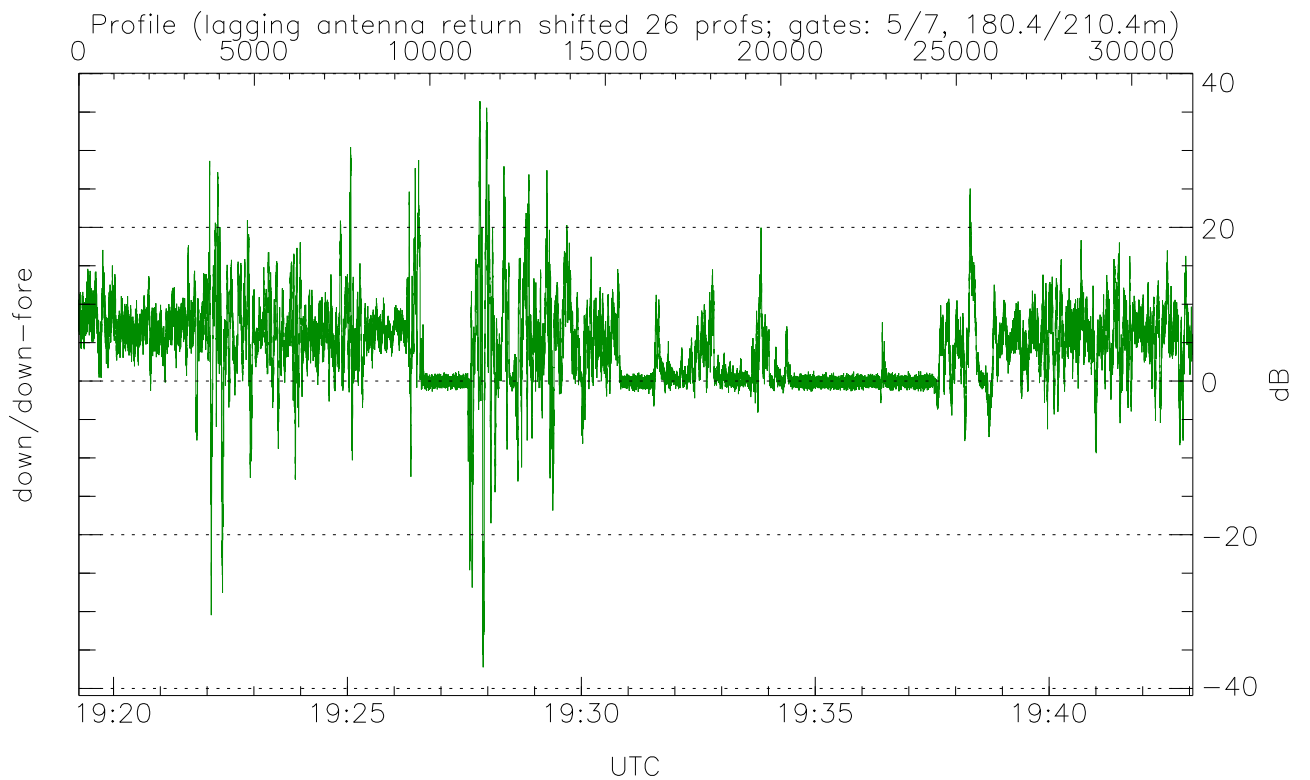
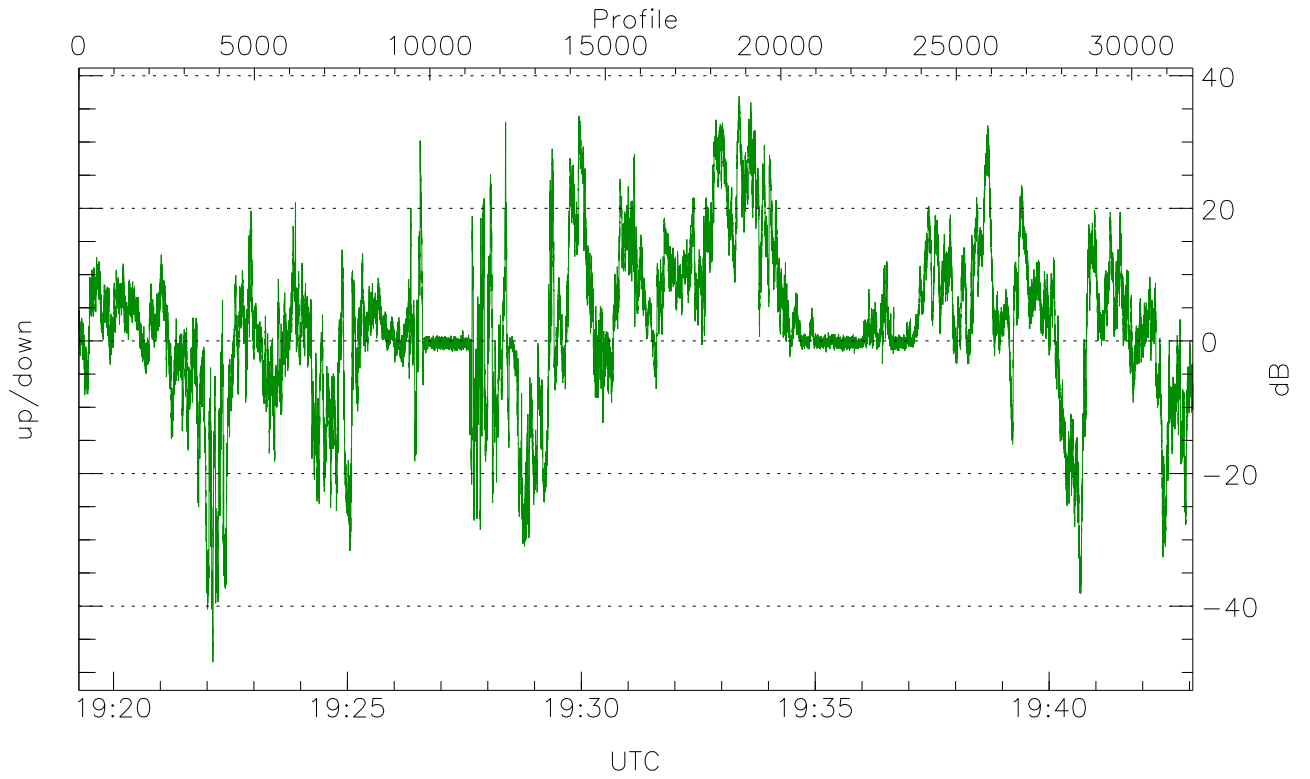


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



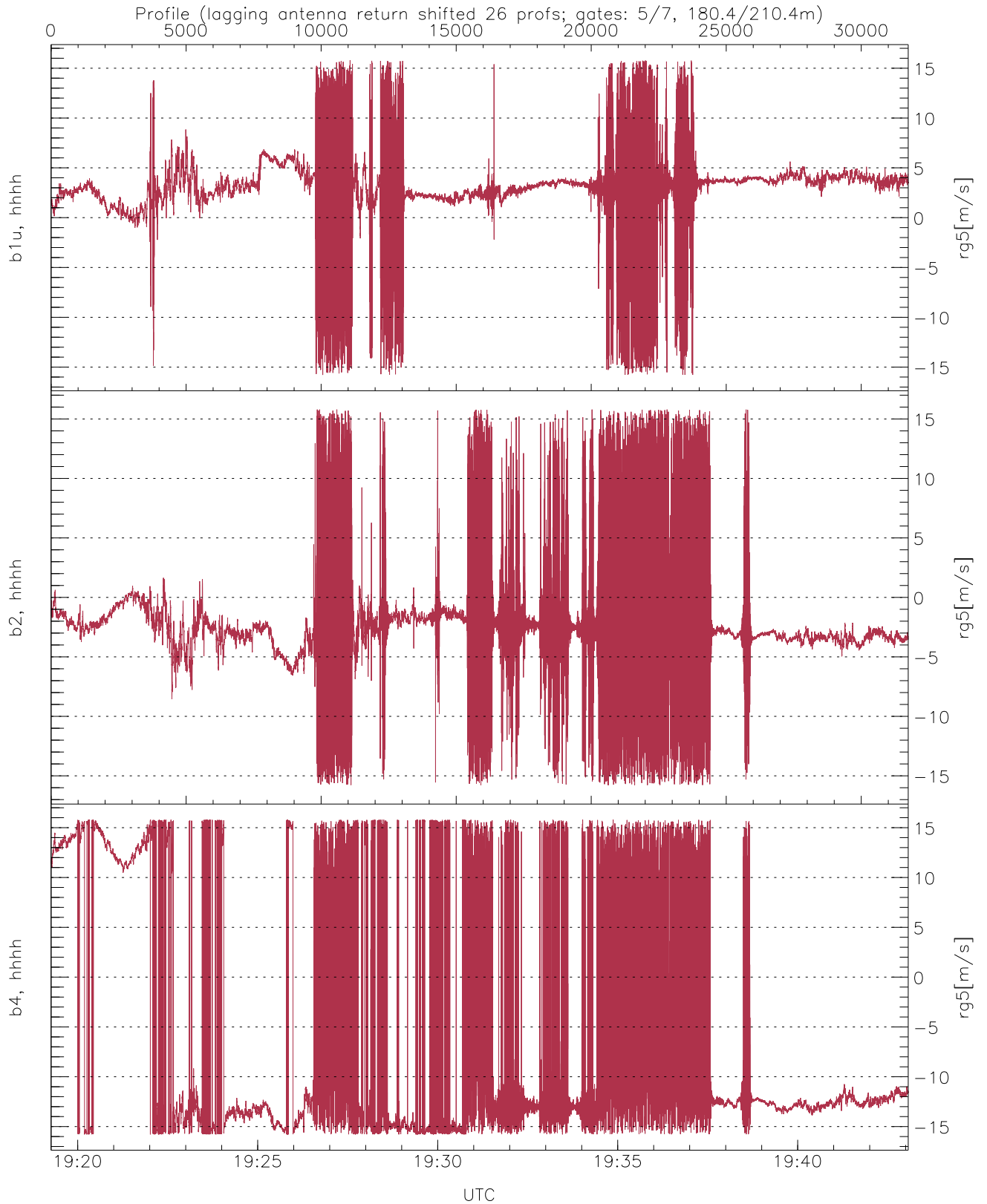
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.05	-6.27	-21.56
down(hh[dBm])	-65.80	-9.36	-23.36
down-fore(hh[dBm])	-65.80	-14.34	-28.13



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

	Min	Max	Mean
up/down (dB)	-48.43	36.90	2.07
down/down-fore (dB)	-37.24	36.38	4.26



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	2.79	3.45
b2, hhhh(rg5[m/s])	-15.78	15.79	-2.08	4.43
b4, hhhh(rg5[m/s])	-15.79	15.79	-5.89	11.23