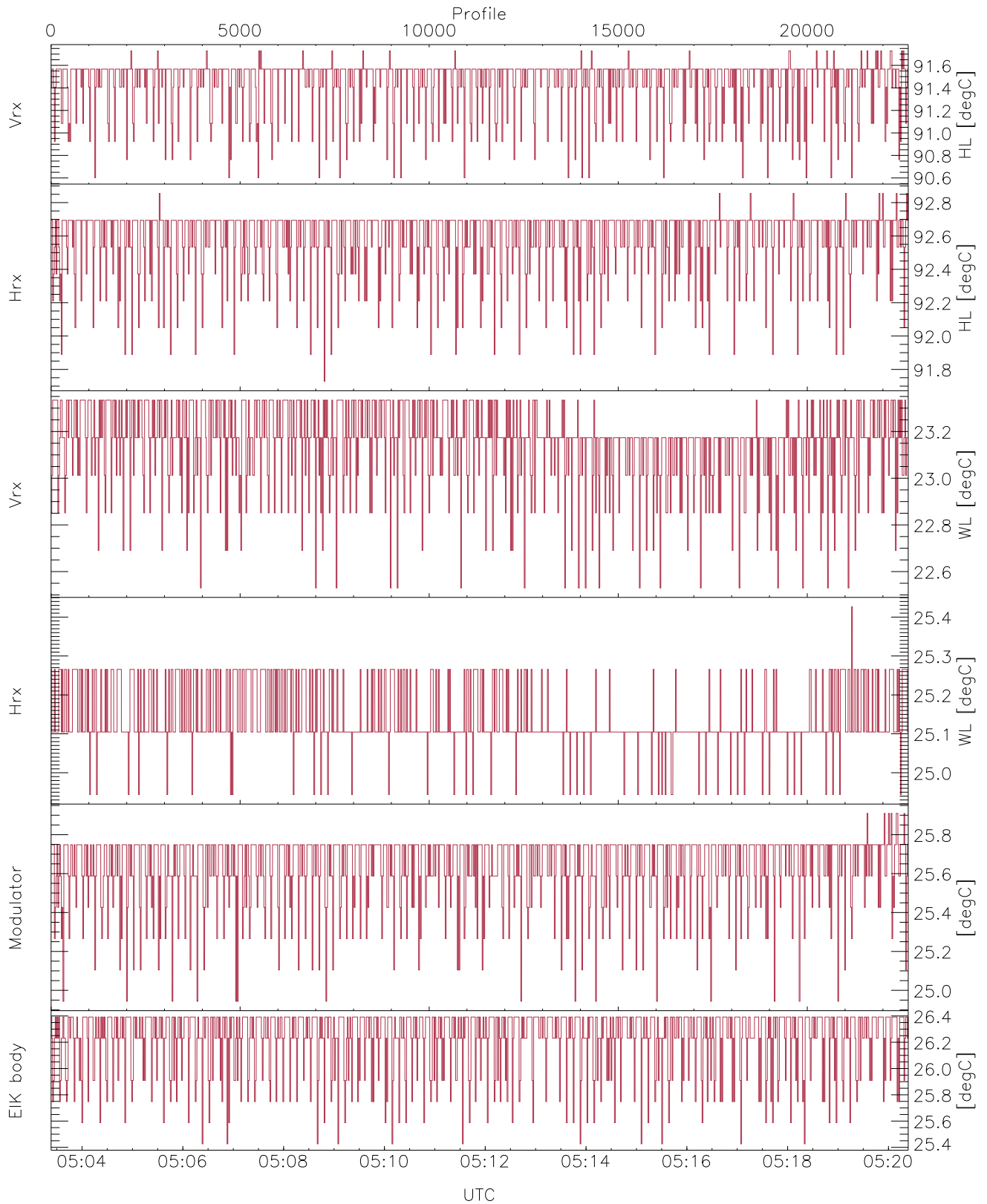


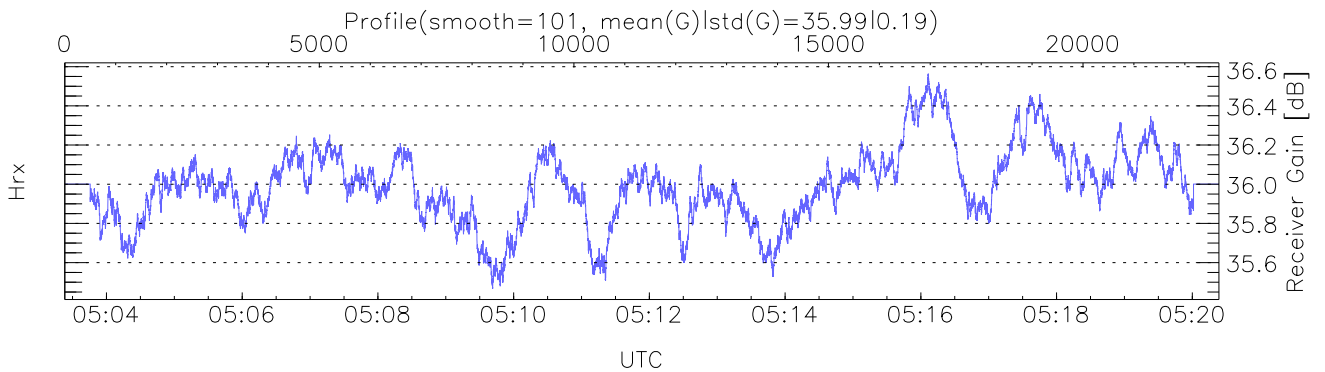
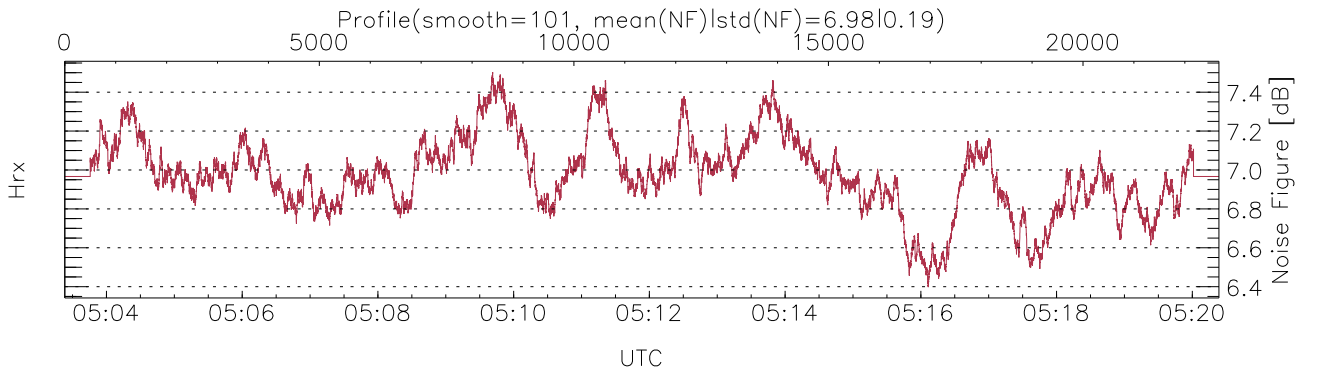
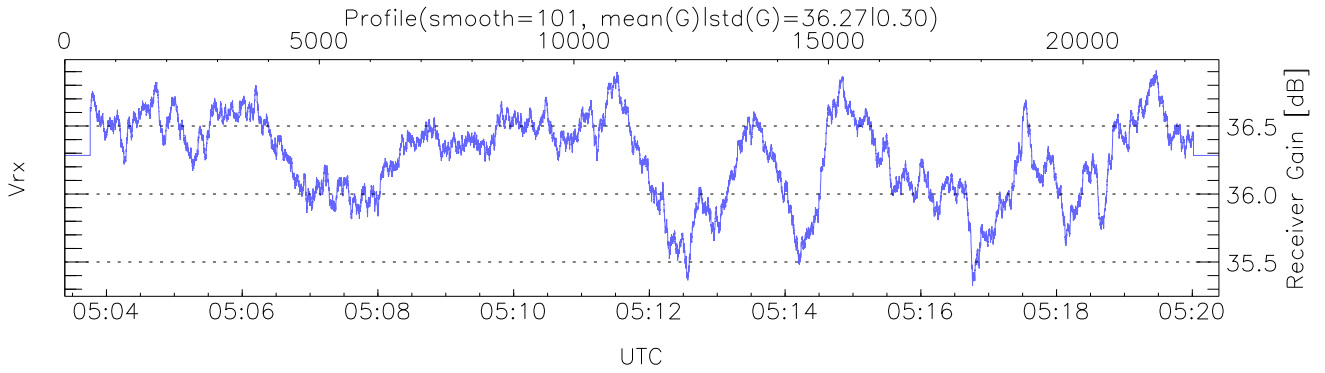
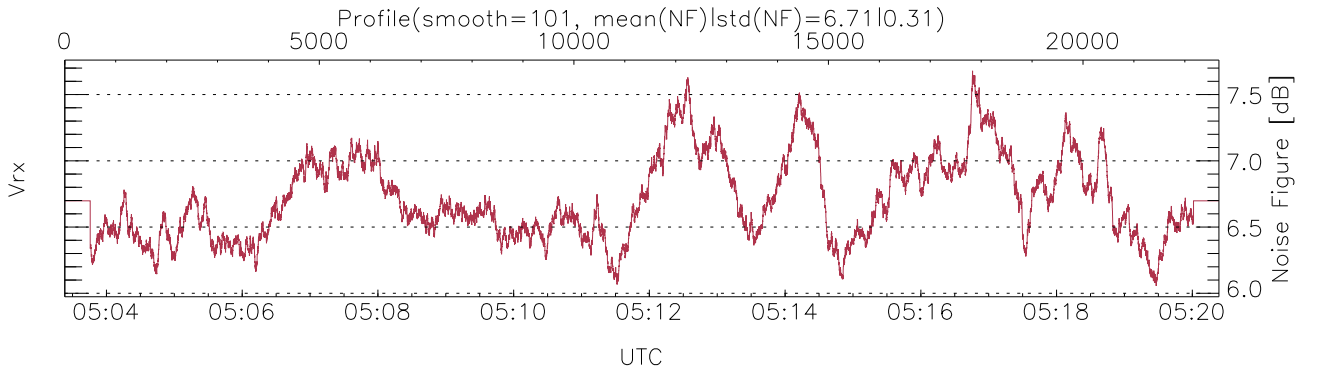
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 05:03:23-05:20:24, 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, 0-22671/05:03:23-05:20:24
 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,rgs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



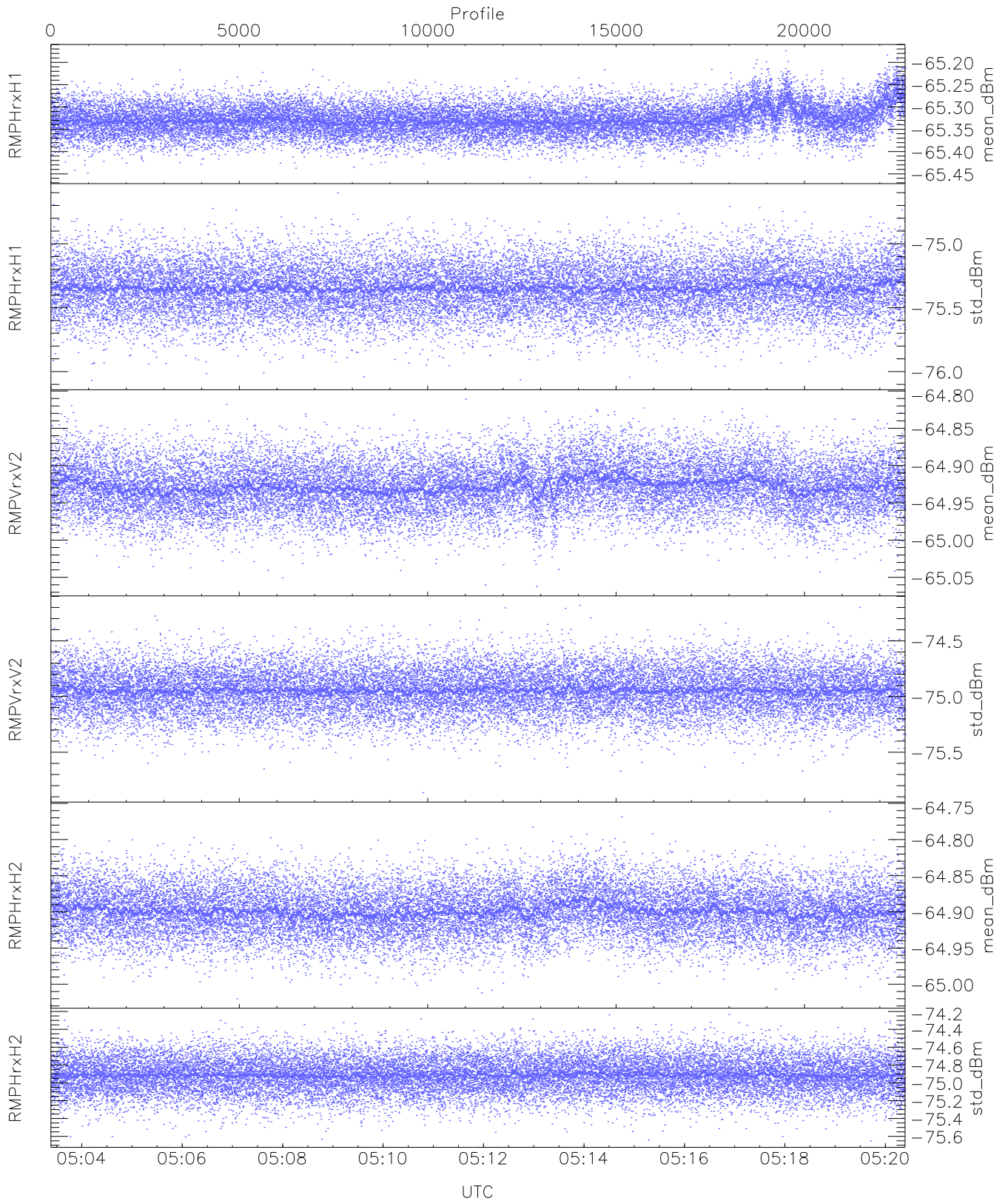
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

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



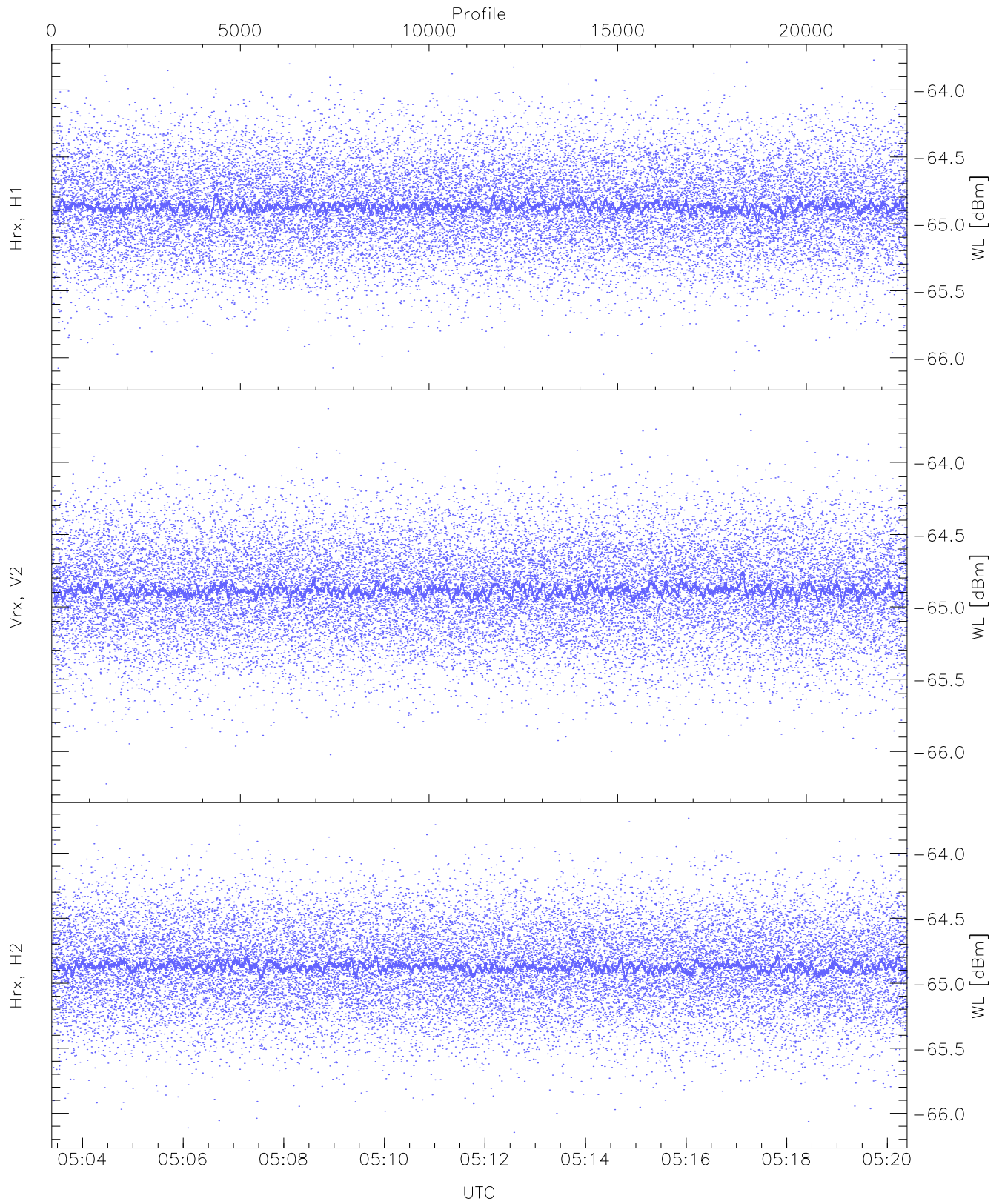
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 0 pixs, 0 gates, 0 profs, 0 prod(s)



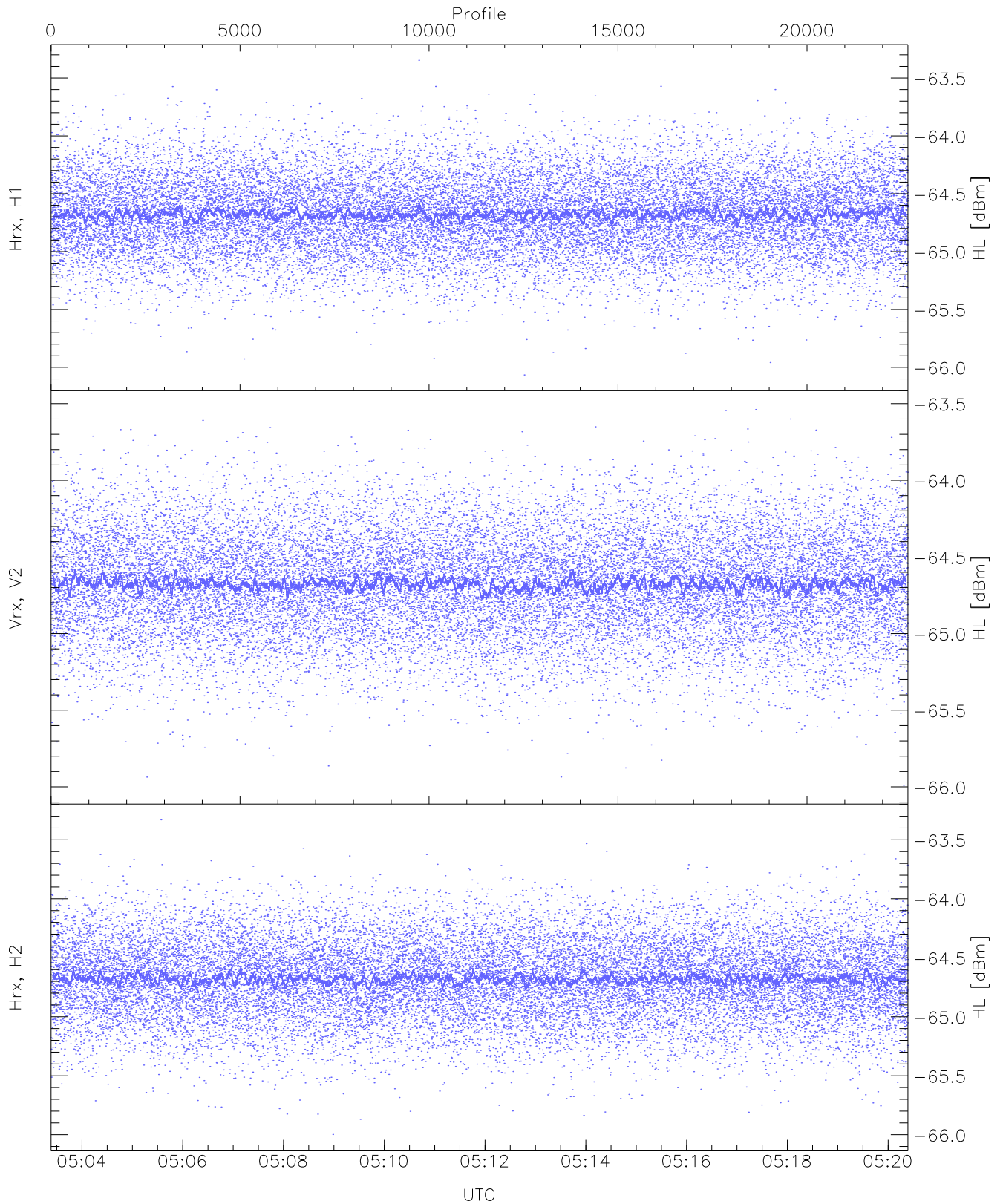
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.46	-65.17	-65.33	-65.33	-86.55
RMPHrxH1(std_dBm)	-76.07	-74.60	-75.34	-75.34	-89.15
RMPVrxV2(mean_dBm)	-65.06	-64.81	-64.93	-64.93	-86.41
RMPVrxV2(std_dBm)	-75.86	-74.18	-74.94	-74.95	-88.74
RMPHrxH2(mean_dBm)	-65.02	-64.76	-64.90	-64.90	-86.43
RMPHrxH2(std_dBm)	-75.65	-74.23	-74.91	-74.92	-88.70



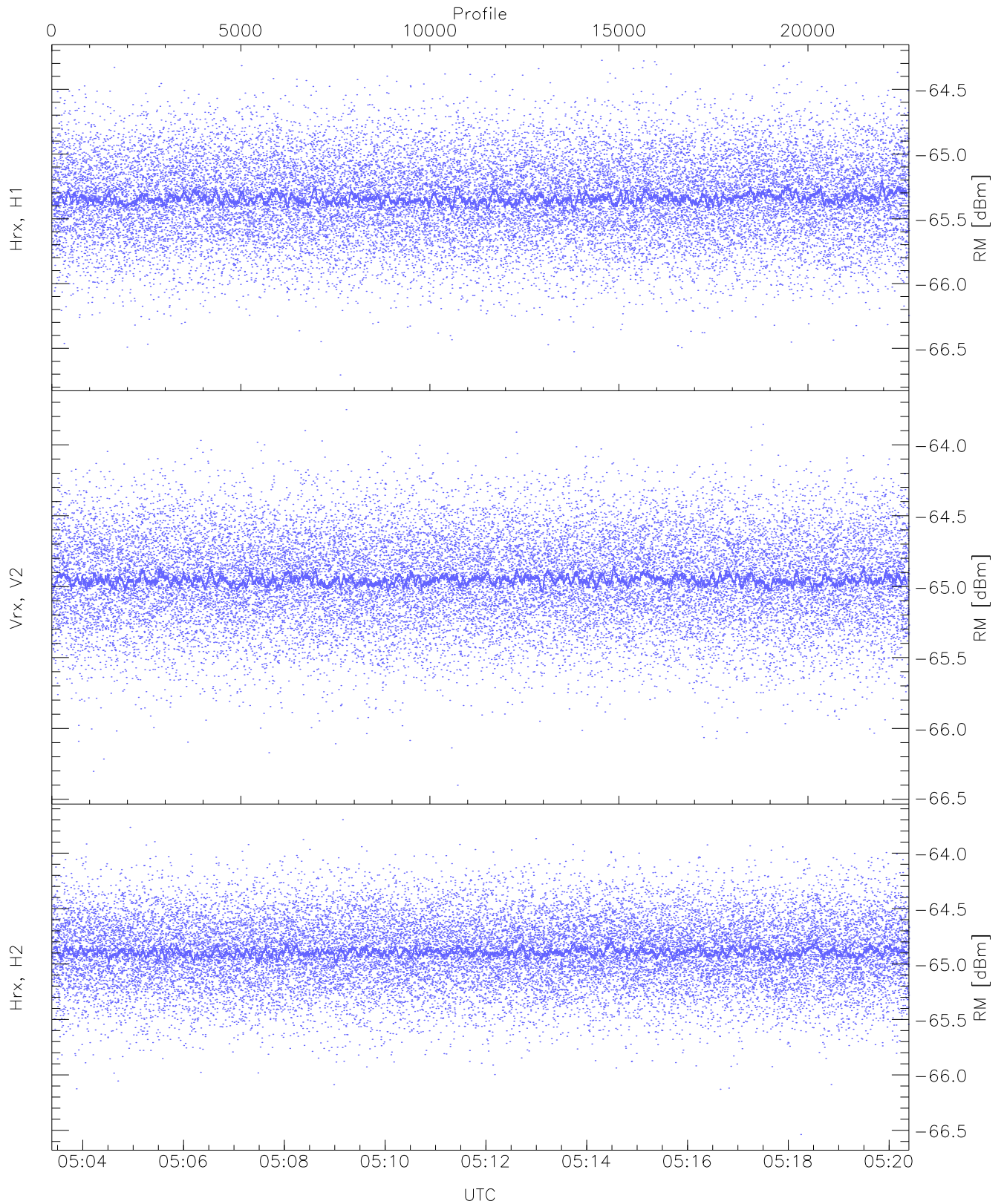
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.12	-63.78	-64.87	-64.88	-76.39
Vrx, V2 (WL [dBm])	-66.22	-63.63	-64.88	-64.89	-76.40
Hrx, H2 (WL [dBm])	-66.15	-63.73	-64.87	-64.87	-76.35



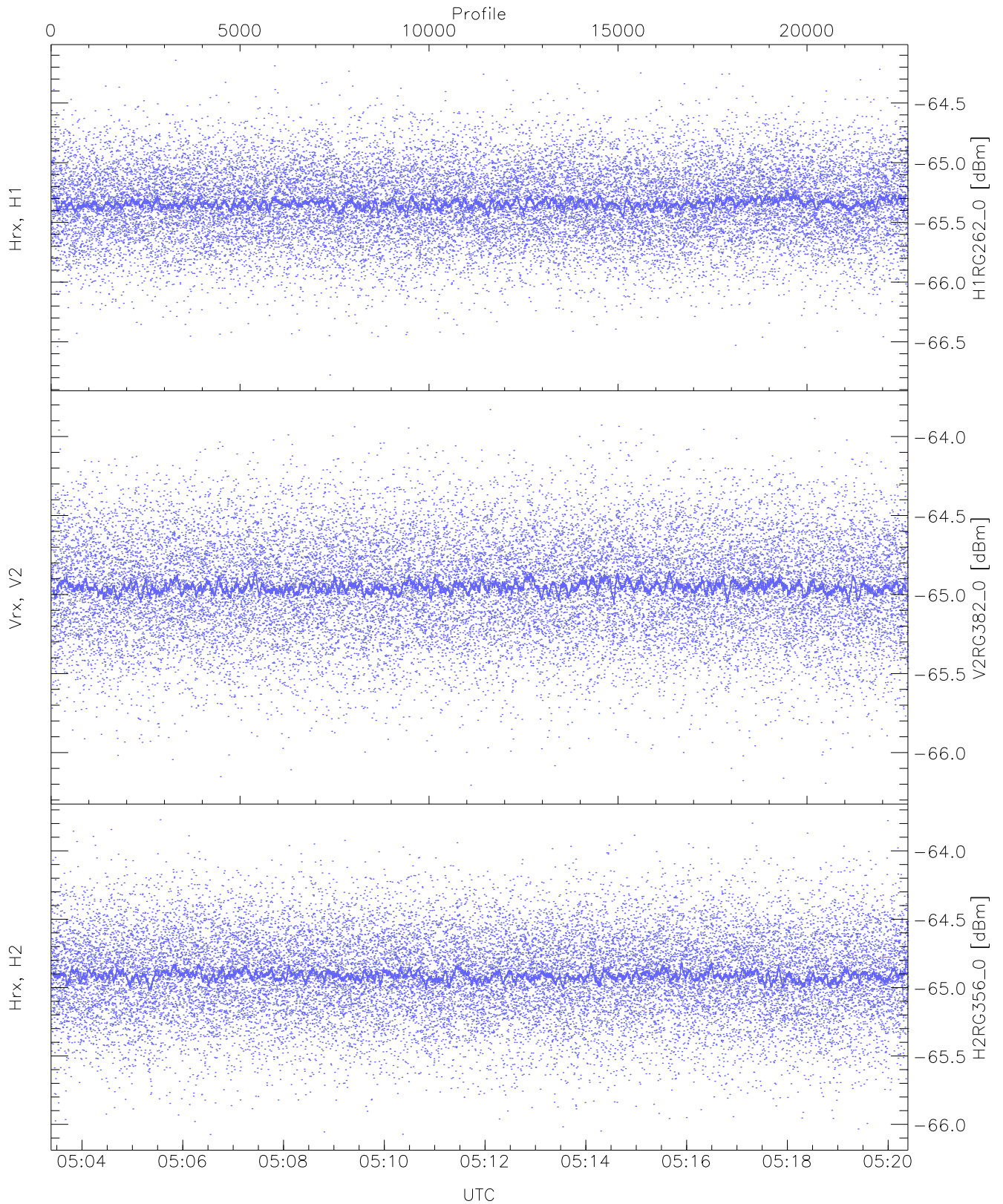
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.07	-63.35	-64.67	-64.68	-76.17
Vrx, V2 (HL [dBm])	-65.99	-63.54	-64.67	-64.68	-76.18
Hrx, H2 (HL [dBm])	-66.00	-63.33	-64.67	-64.68	-76.16



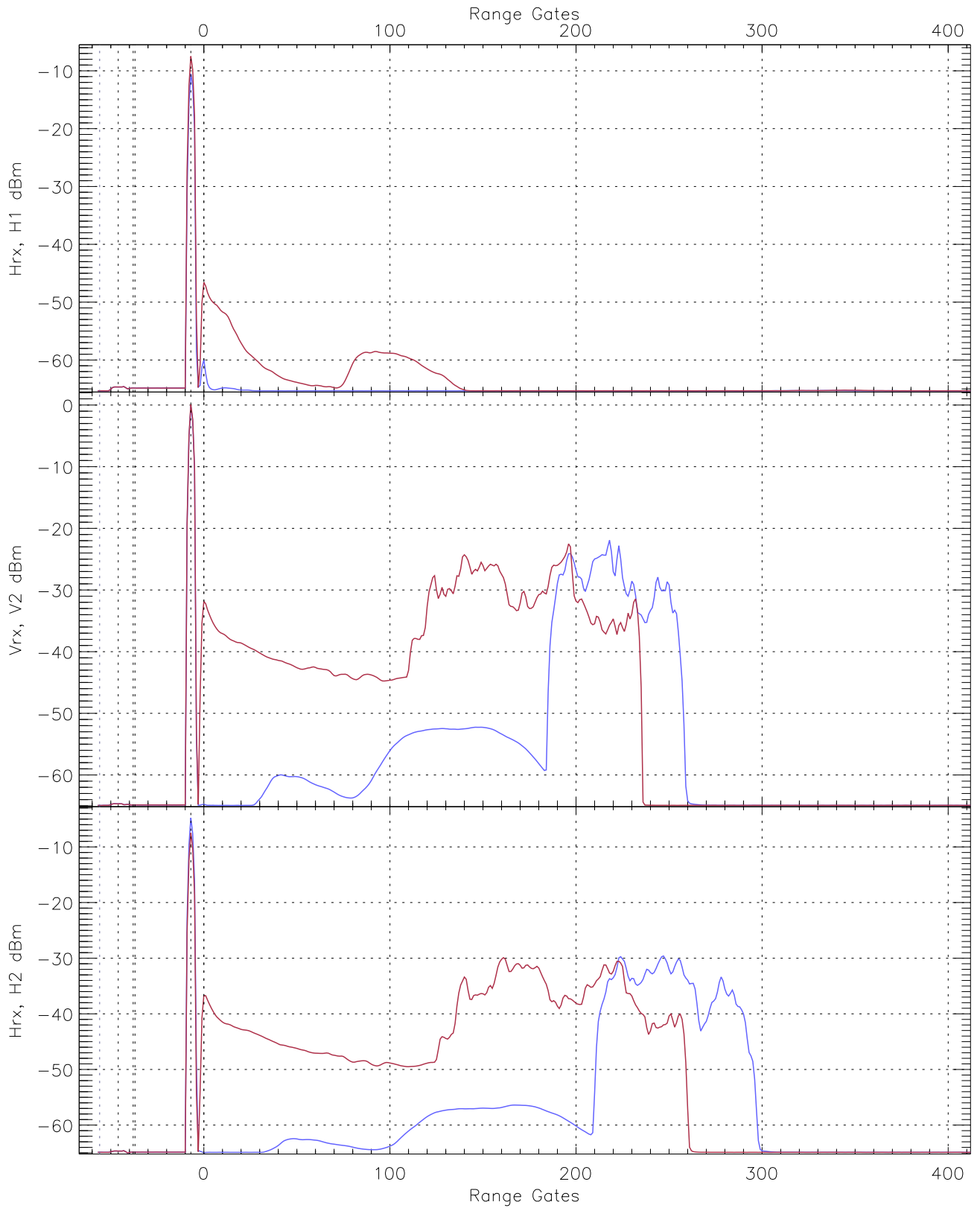
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.71	-64.28	-65.33	-65.34	-76.83
Vrx, V2 (RM [dBm])	-66.40	-63.75	-64.94	-64.95	-76.45
Hrx, H2 (RM [dBm])	-66.54	-63.70	-64.88	-64.89	-76.38

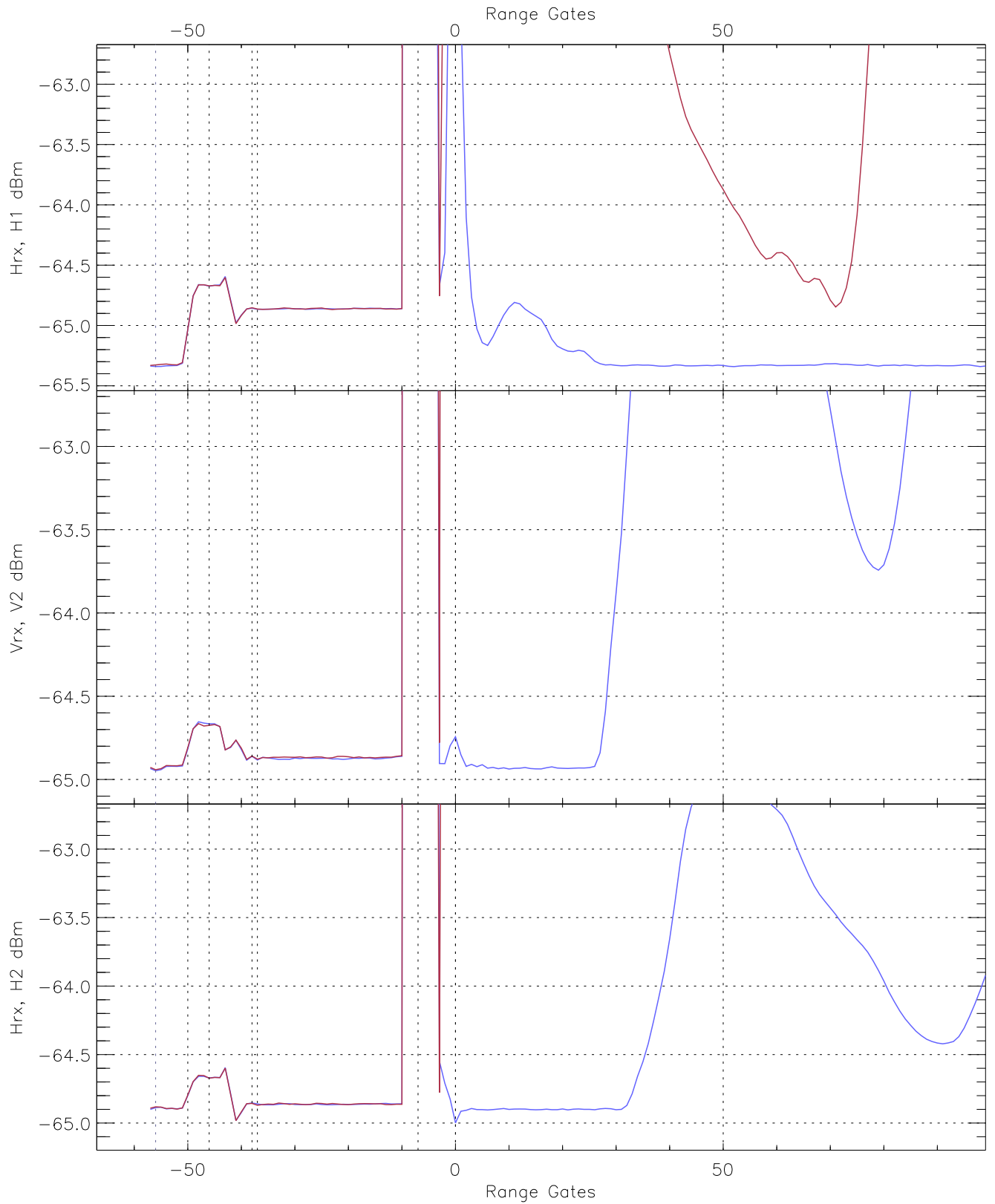


WCR3 CPP "Best" estimate Receivers Noise Power

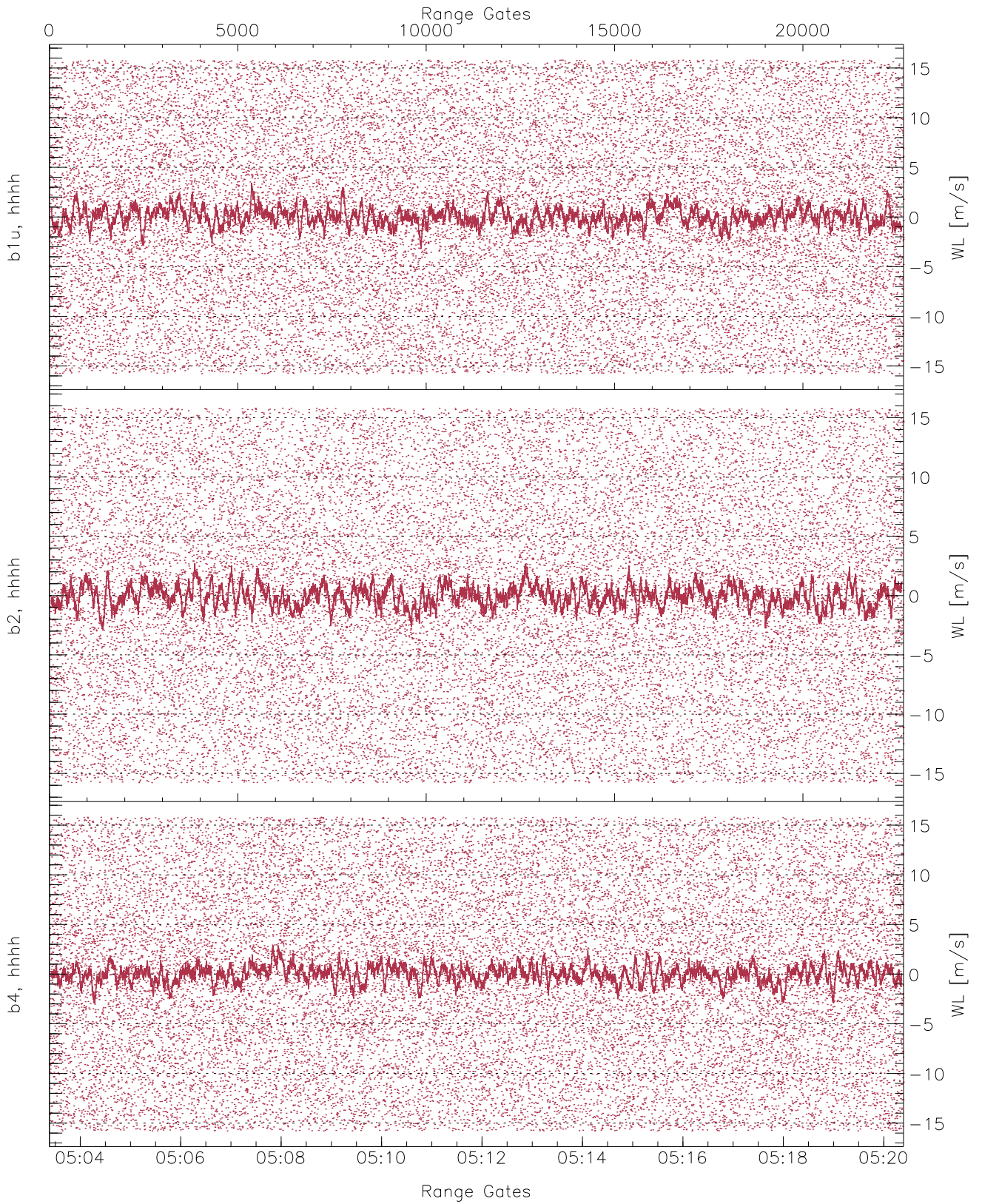
	Min	Max	Mean	Median	StDev
H1RG262_0 [dBm]	-66.78	-64.14	-65.33	-65.34	-76.82
V2RG382_0 [dBm]	-66.21	-63.83	-64.94	-64.95	-76.44
H2RG356_0 [dBm]	-66.07	-63.77	-64.90	-64.91	-76.41



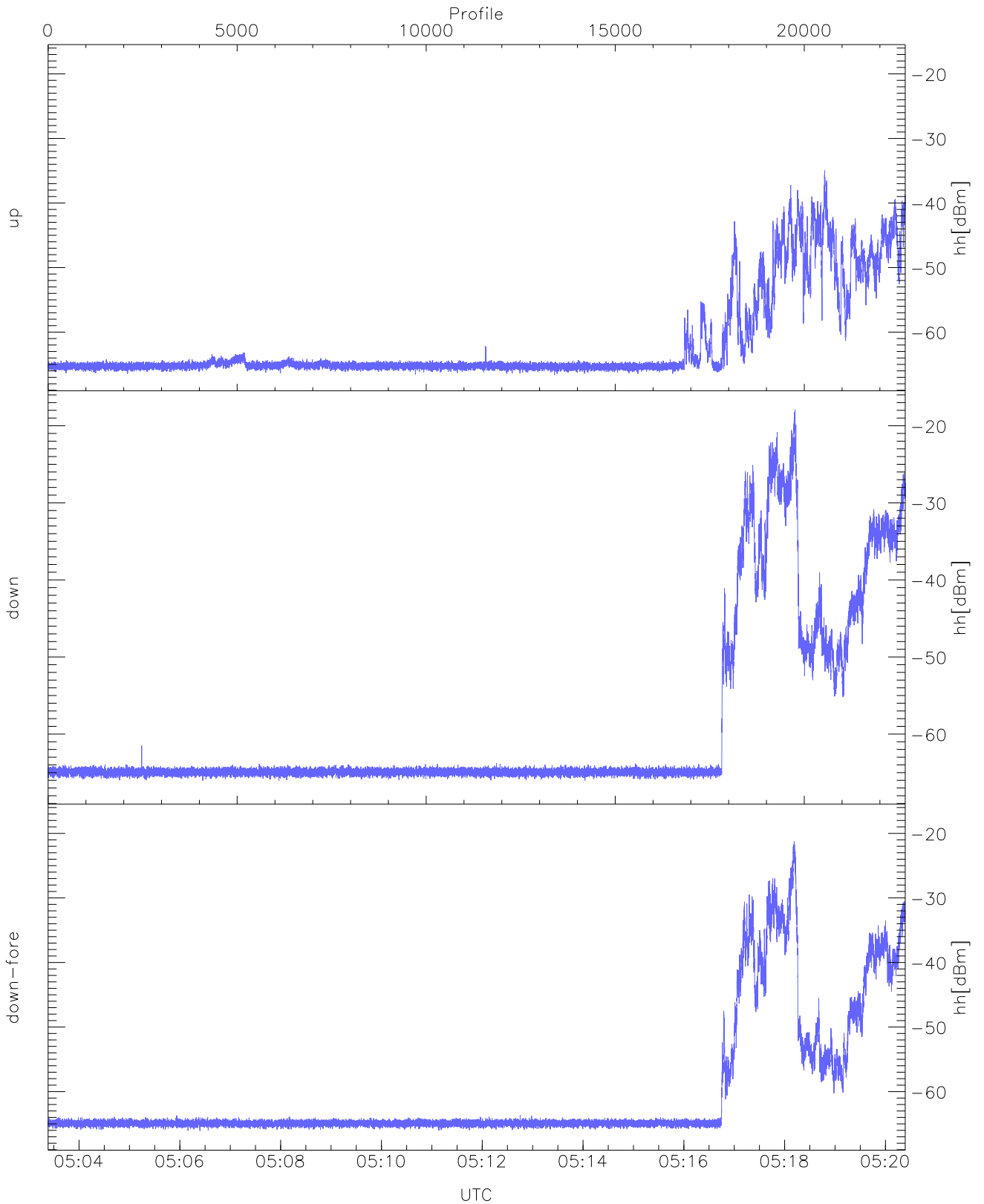
WCR3 CPP Averaged Received power for all recorded gates
blue: 050323-051153, 11337 profiles averaged
red: 051153-052024, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 050323-051153, 11337 profiles averaged
red: 051153-052024, 11336 profiles averaged

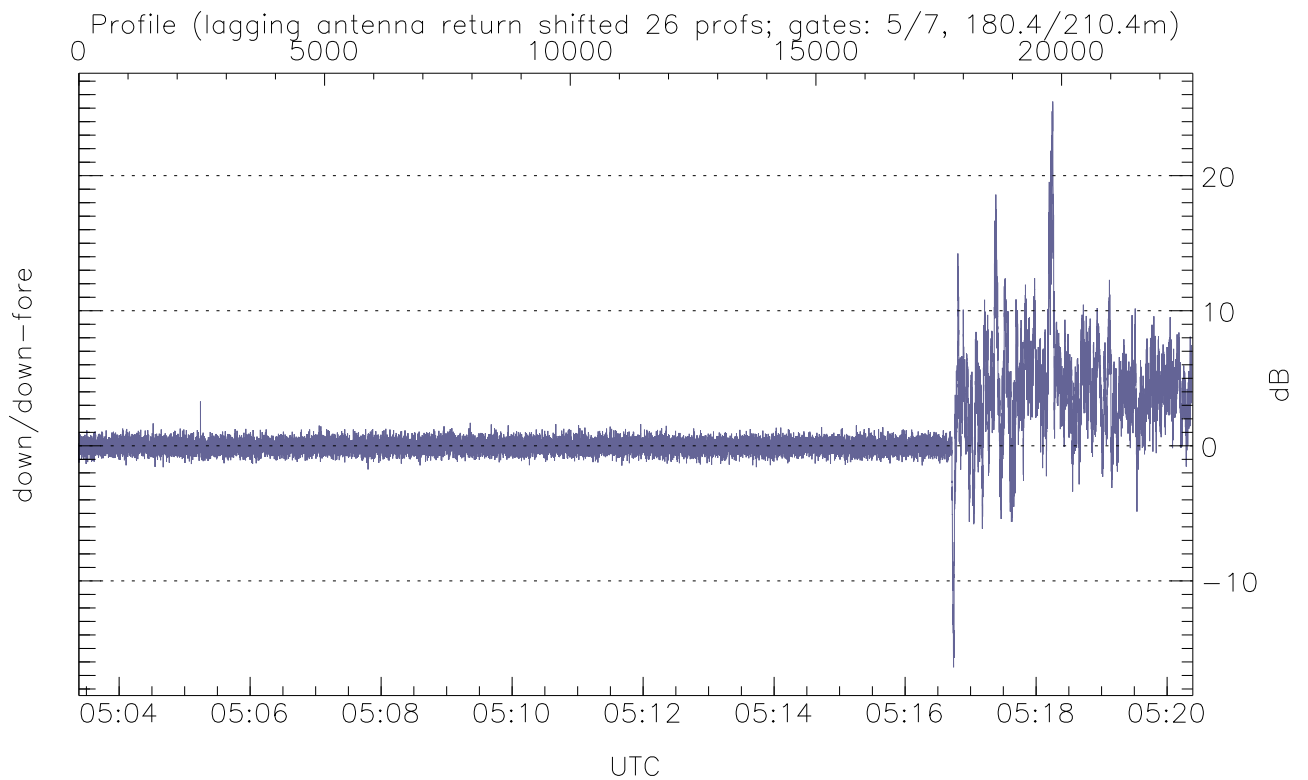
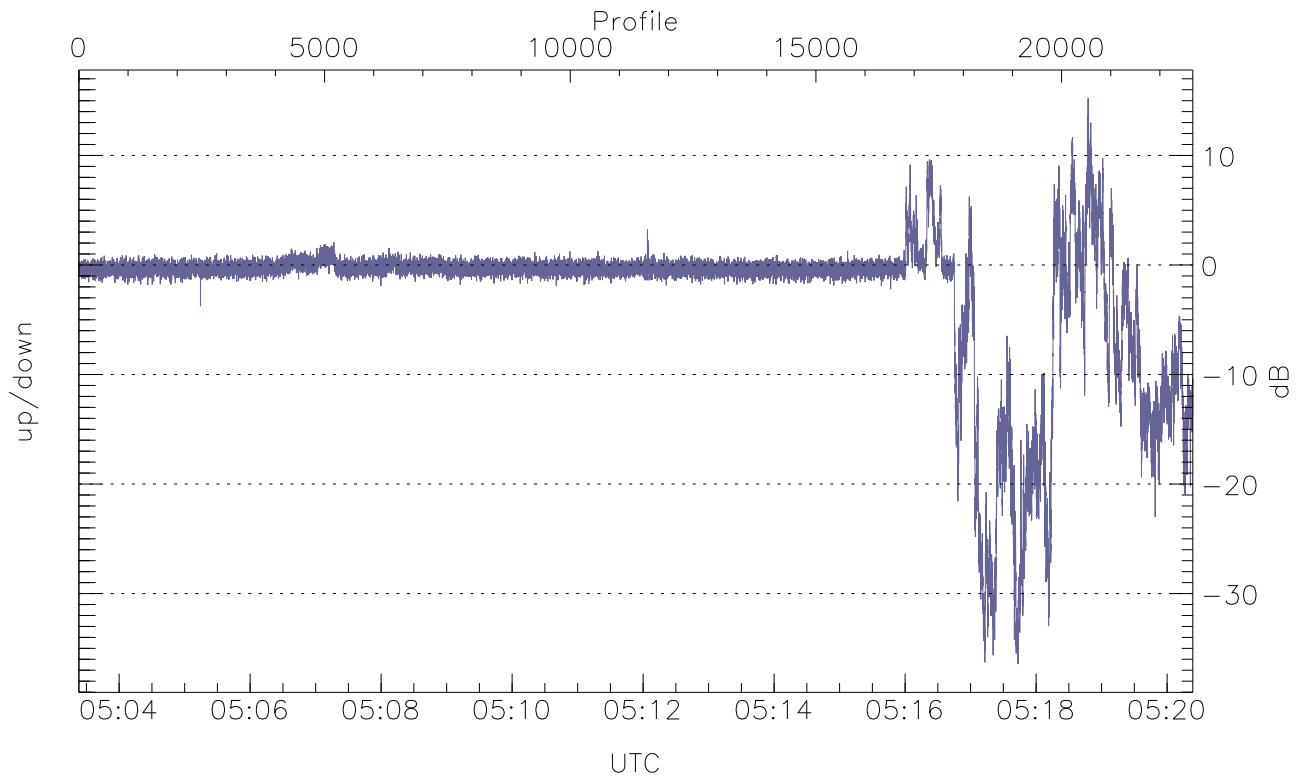


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



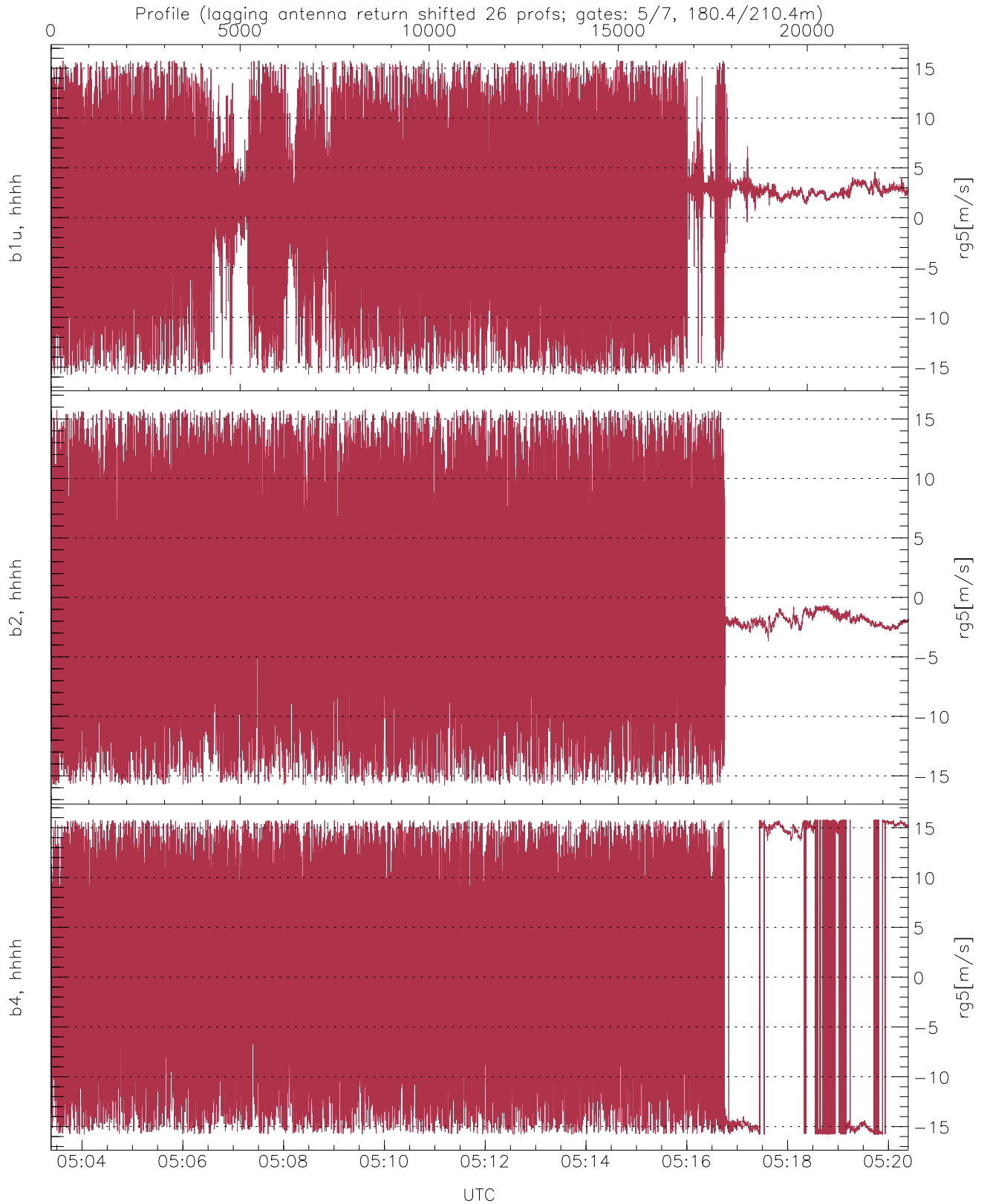
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.64	-34.96	-52.93
down(hh[dBm])	-66.07	-17.89	-38.37
down-fore(hh[dBm])	-66.09	-21.18	-42.56



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

	Min	Max	Mean
up/down (dB)	-36.44	15.22	-2.46
down/down-fore (dB)	-16.39	25.49	0.88



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.77	15.79	0.84	6.68
b2, hhhh(rg5[m/s])	-15.78	15.79	-0.49	7.51
b4, hhhh(rg5[m/s])	-15.79	15.79	0.29	10.46