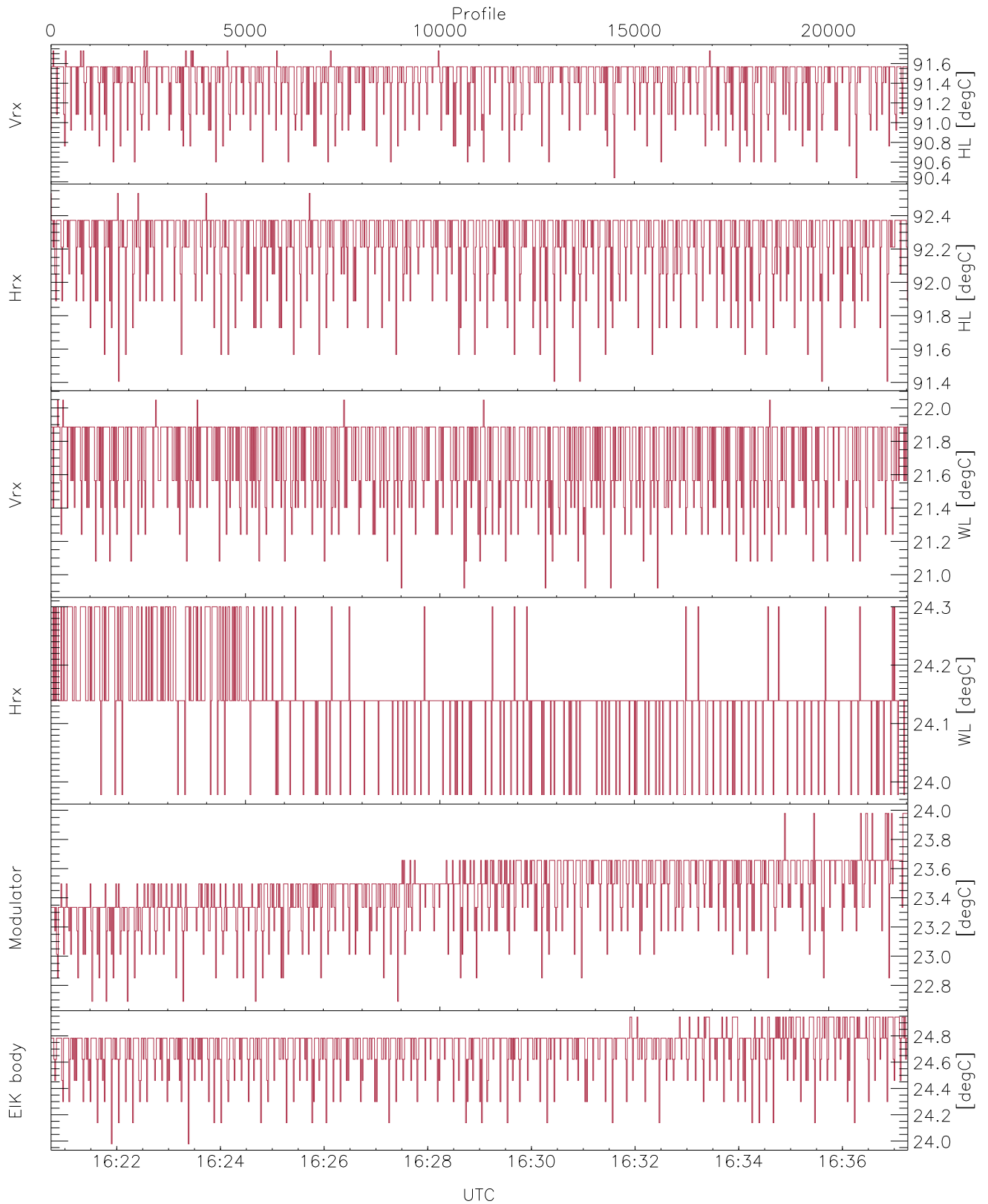


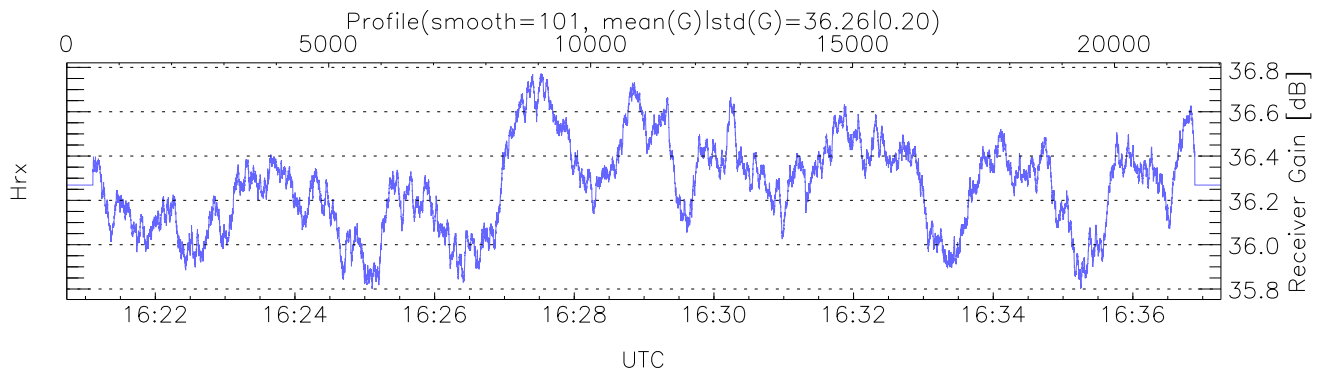
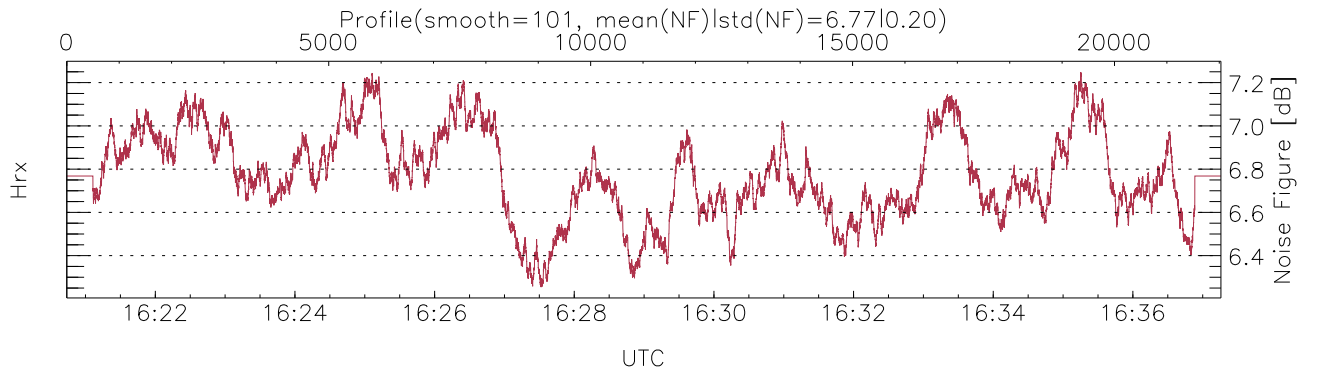
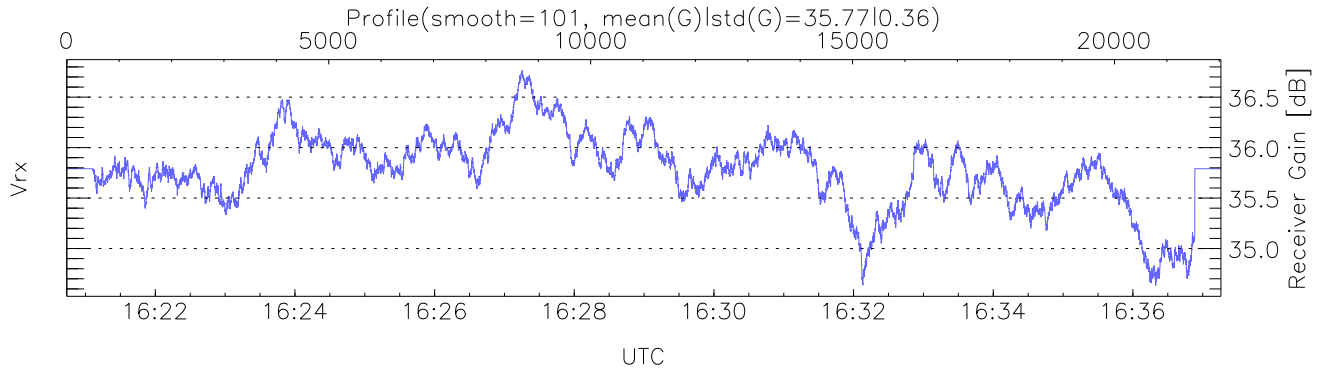
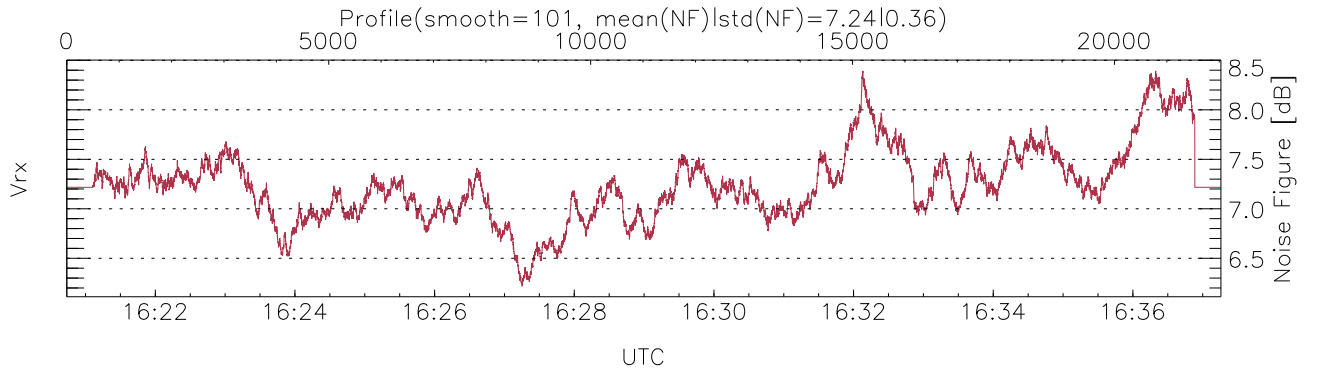
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 16:20:44-16:37:16, TimeCor: 0.00s, Dur: 991.73s  
 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): 22034/22034, 0-22033/16:20:44-16:37:16  
 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



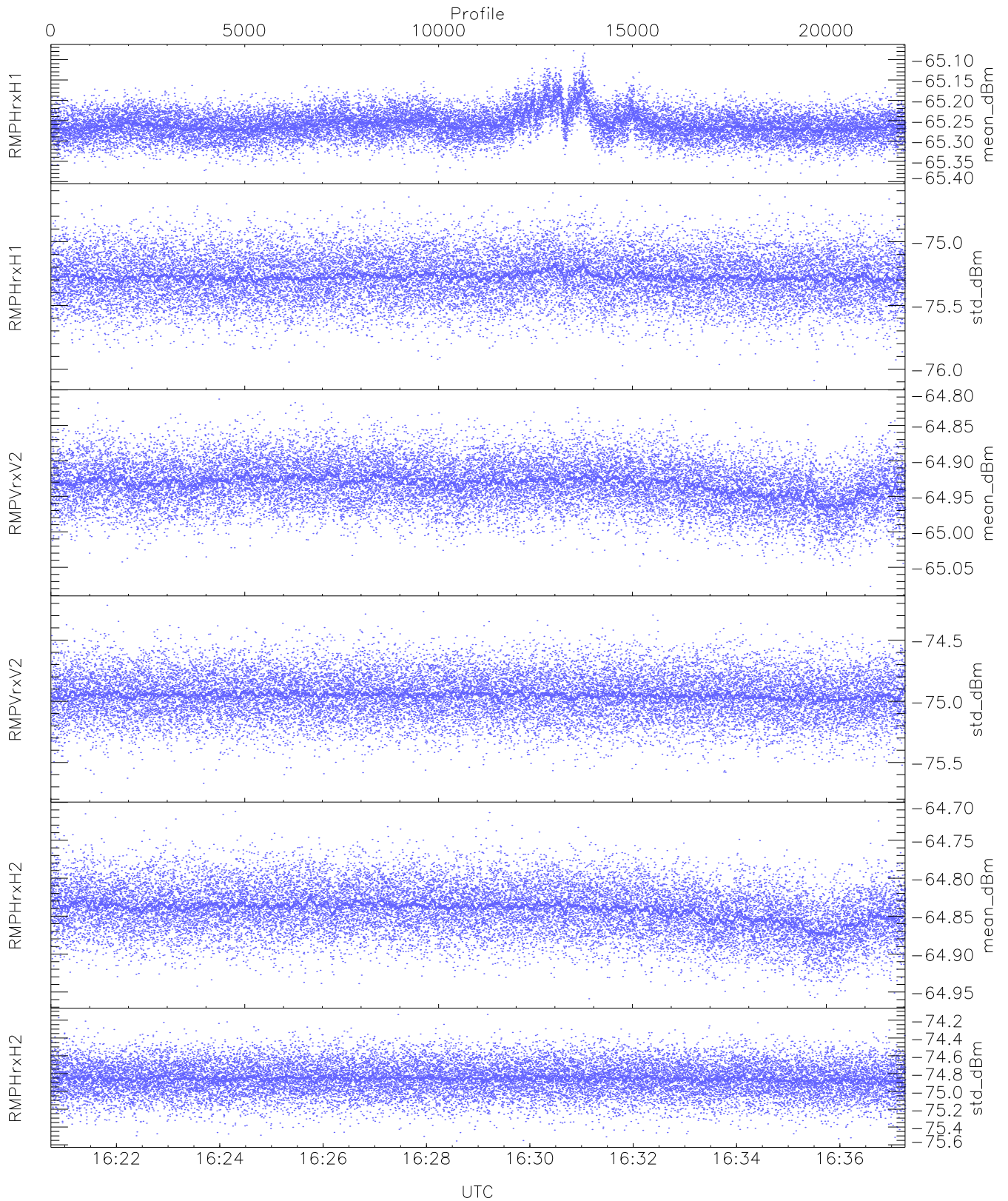
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

```
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,20,23,22,23  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,22,24,23,24  
LOalarm(20,240,2817,14861 MHz): 0,0,69,0  
EIK Faults(# prof affected):  
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (24,24,24,24,24,24)
```



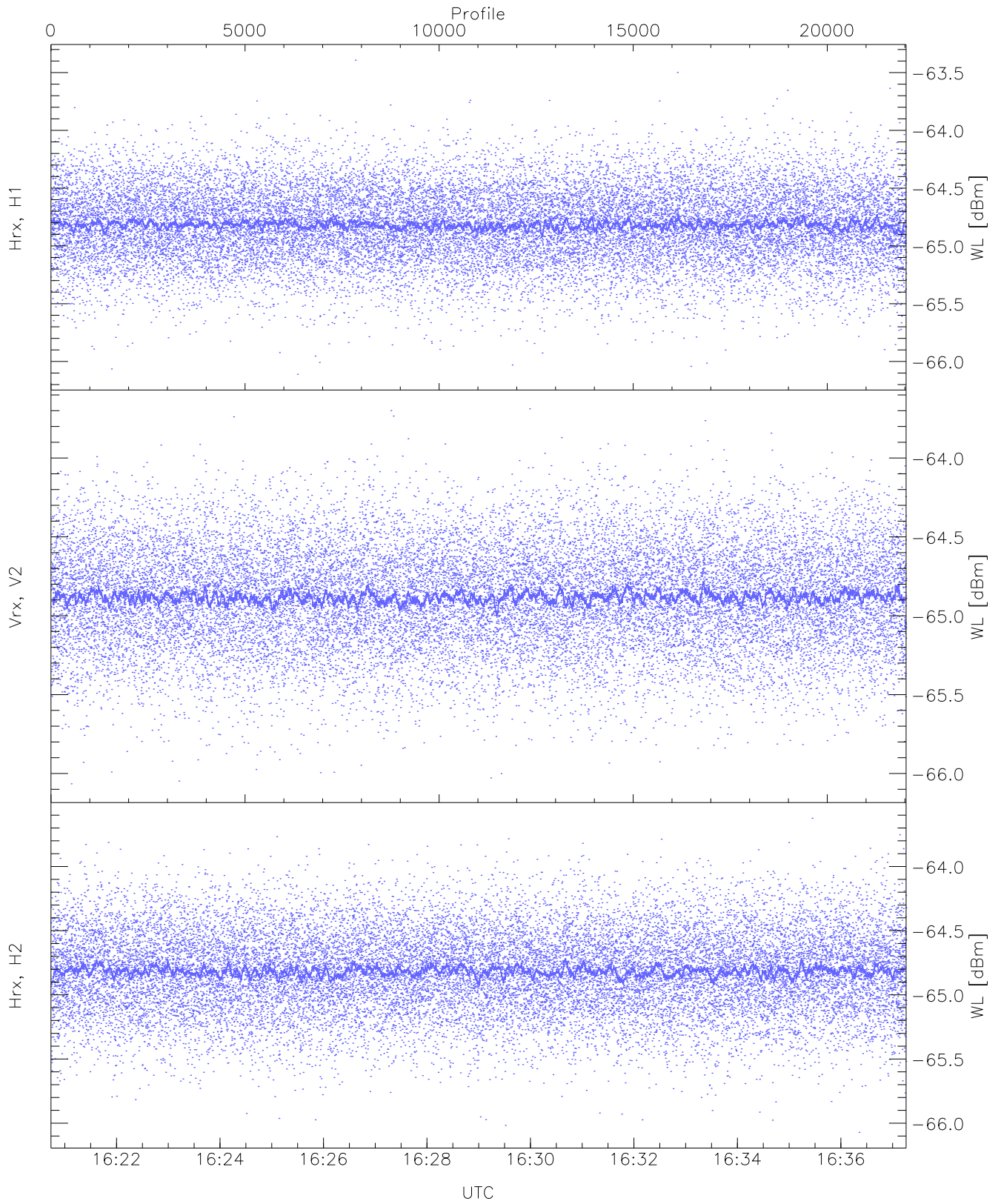
### WCR3 CPP Receivers Gain and Noise Figure

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



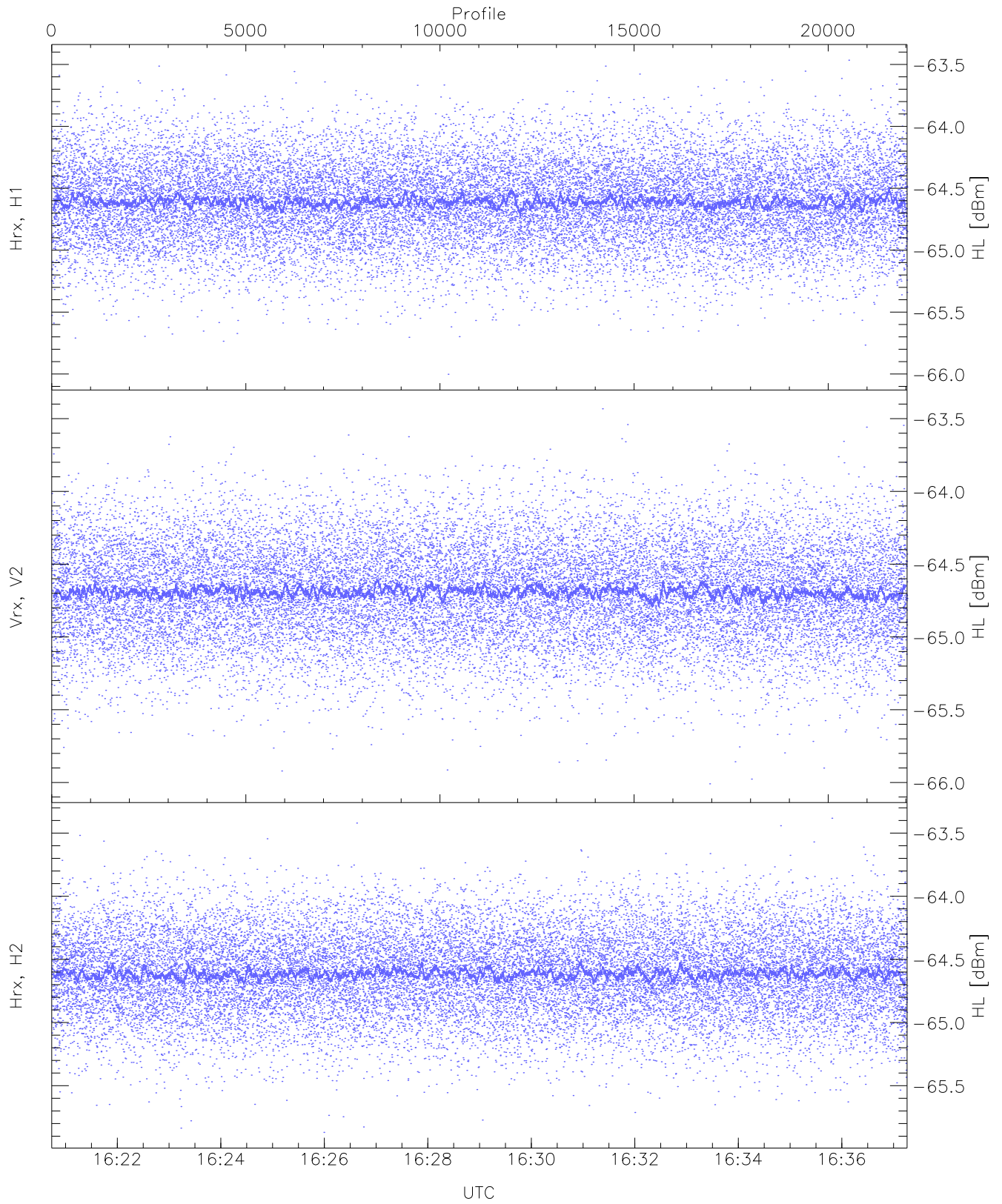
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.39	-65.08	-65.26	-65.26	-86.16
RMPHrxH1(std_dBm)	-76.09	-74.62	-75.27	-75.28	-89.06
RMPVrxV2(mean_dBm)	-65.08	-64.81	-64.93	-64.93	-86.29
RMPVrxV2(std_dBm)	-75.75	-74.22	-74.95	-74.95	-88.75
RMPHrxH2(mean_dBm)	-64.96	-64.71	-64.84	-64.84	-86.20
RMPHrxH2(std_dBm)	-75.56	-74.14	-74.86	-74.86	-88.63



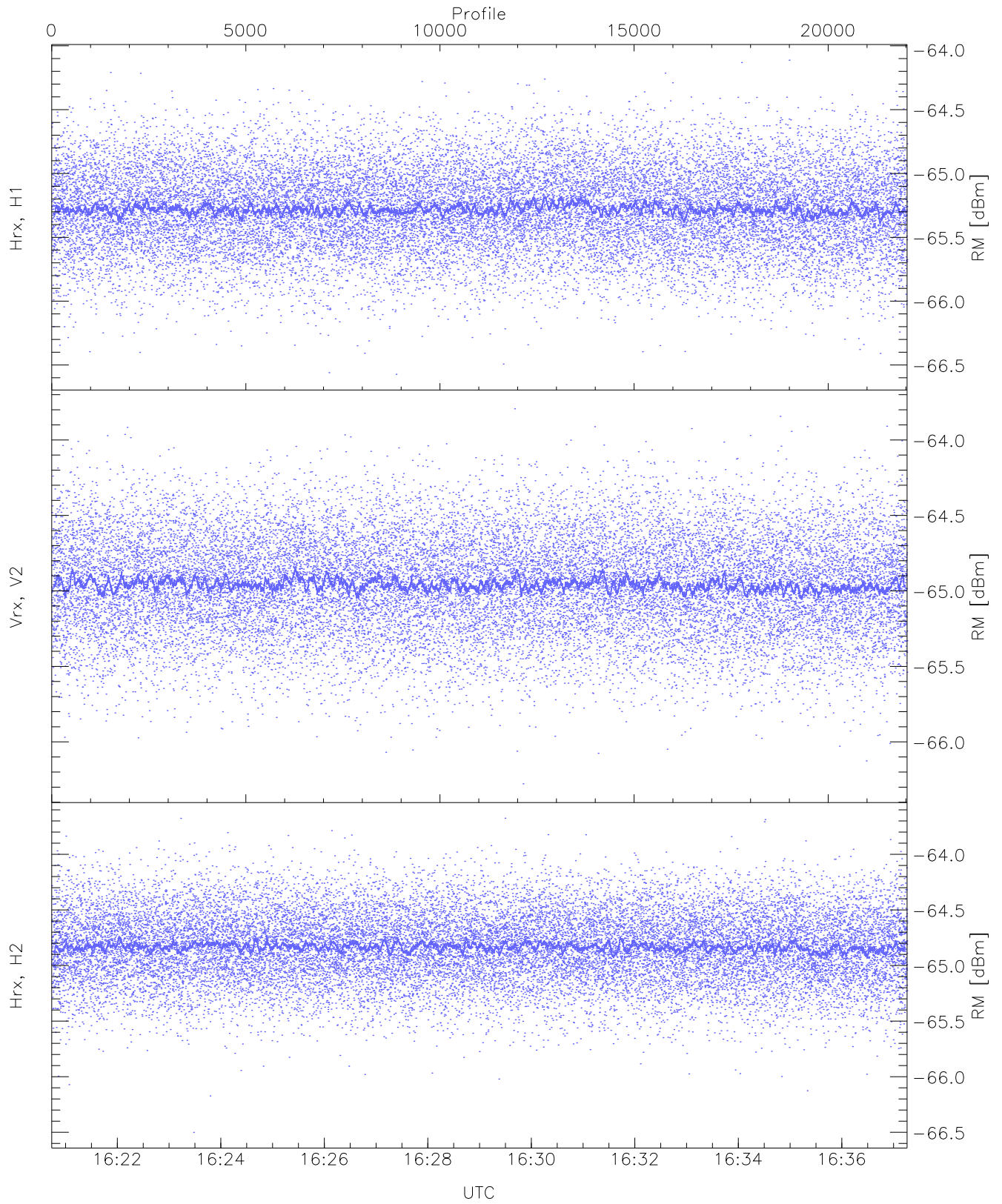
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.11	-63.39	-64.81	-64.82	-76.31
Vrx, V2(WL [dBm])	-66.07	-63.69	-64.87	-64.88	-76.38
Hrx, H2(WL [dBm])	-66.07	-63.62	-64.81	-64.82	-76.31



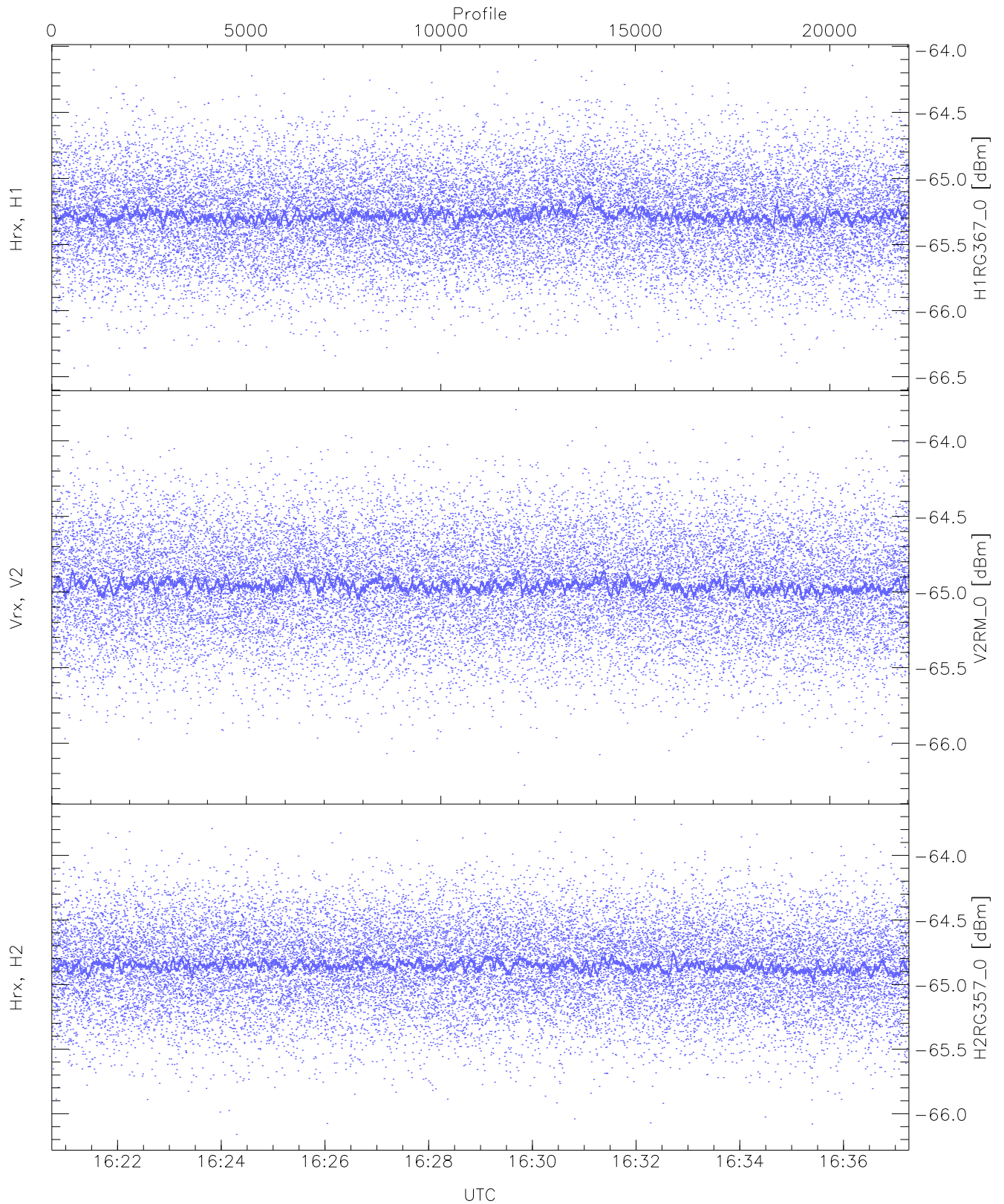
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.00	-63.47	-64.60	-64.61	-76.11
Vrx, V2 (HL [dBm])	-66.01	-63.43	-64.68	-64.69	-76.18
Hrx, H2 (HL [dBm])	-65.87	-63.38	-64.61	-64.62	-76.14



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

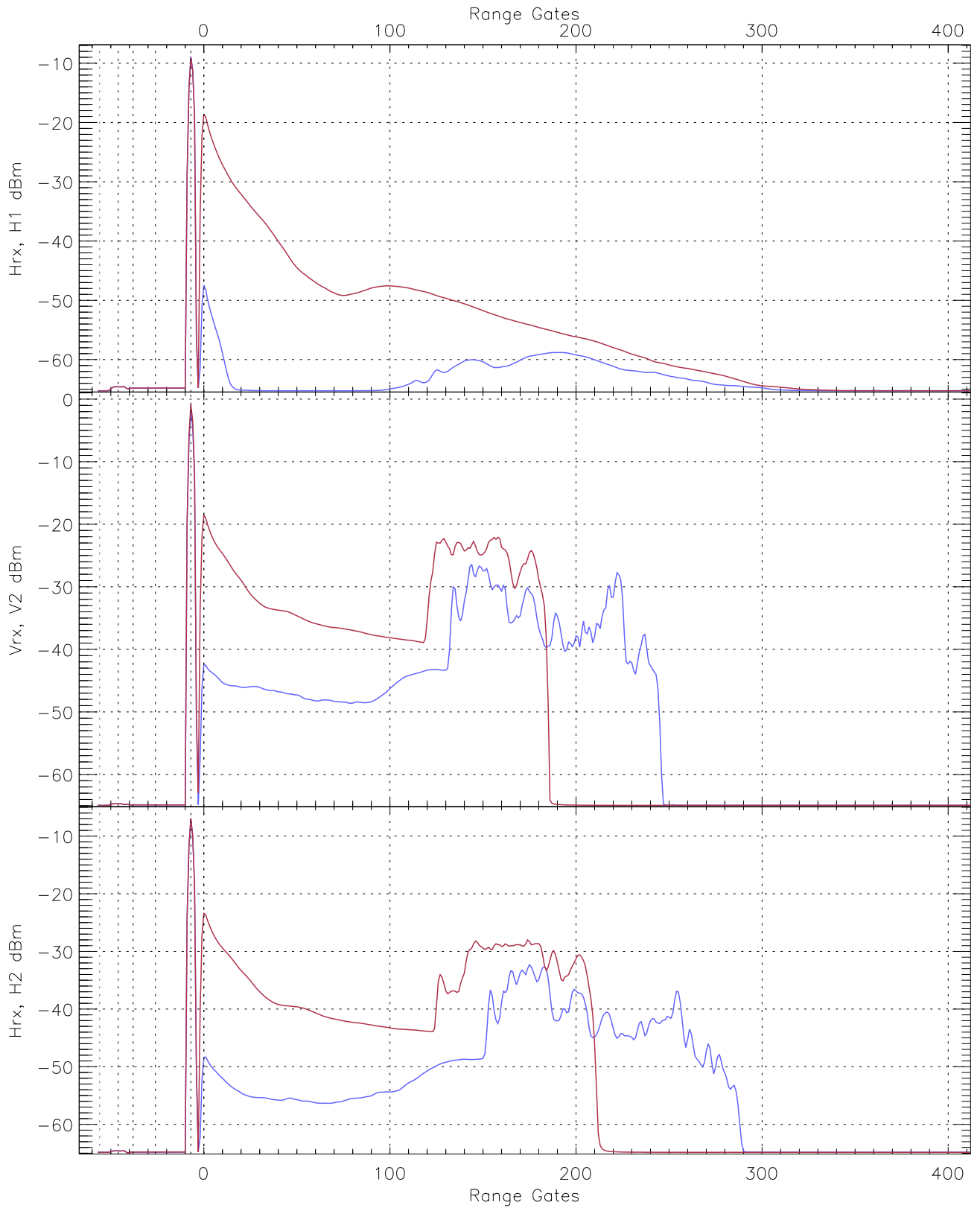
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.57	-64.11	-65.27	-65.28	-76.74
Vrx, V2 (RM [dBm])	-66.28	-63.79	-64.95	-64.96	-76.44
Hrx, H2 (RM [dBm])	-66.50	-63.68	-64.83	-64.83	-76.33



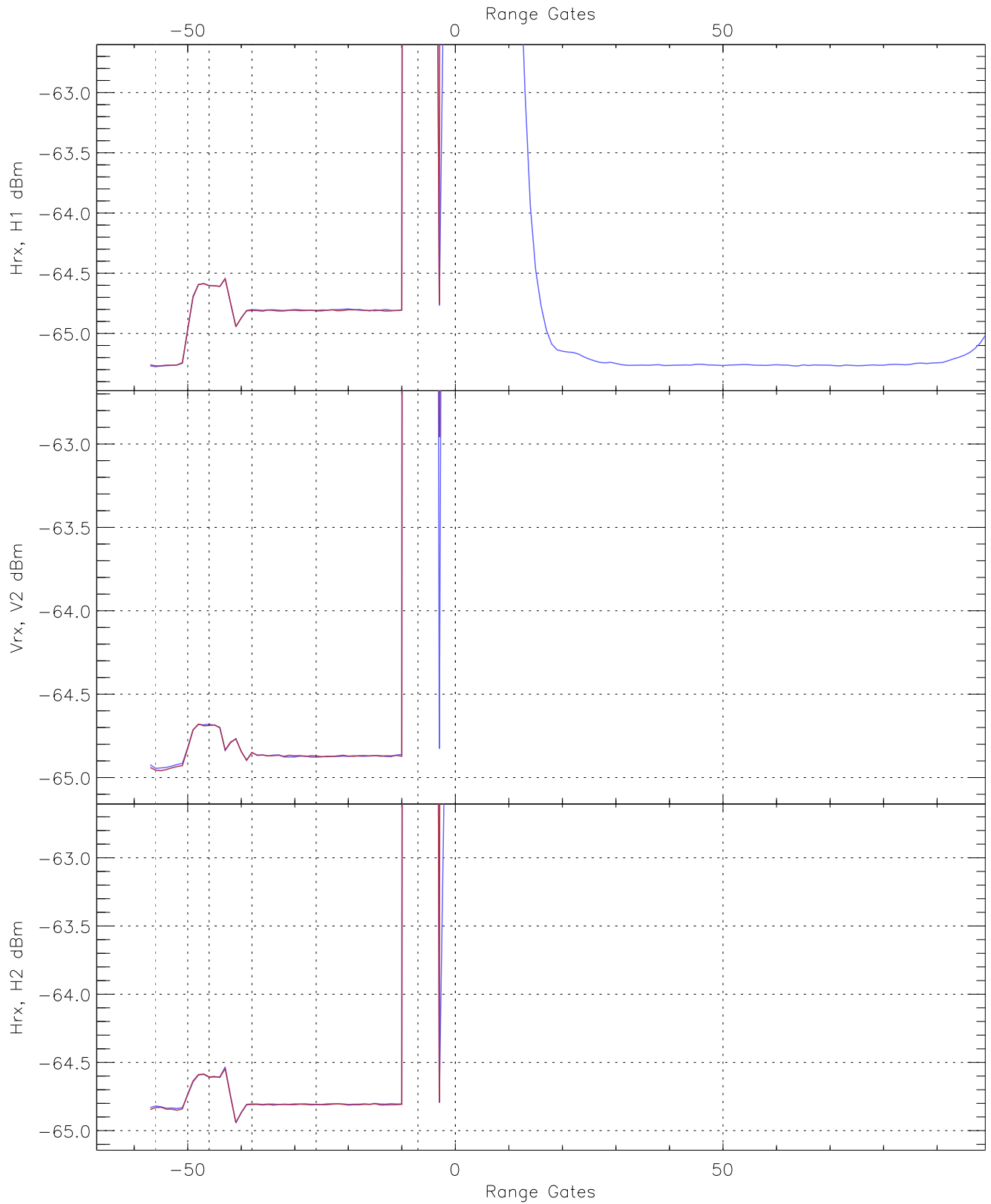
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG367_0 [dBm]	-66.49	-64.11	-65.27	-65.28	-76.76
V2RM_0 [dBm]	-66.28	-63.79	-64.95	-64.96	-76.44
H2RG357_0 [dBm]	-66.16	-63.72	-64.85	-64.85	-76.38

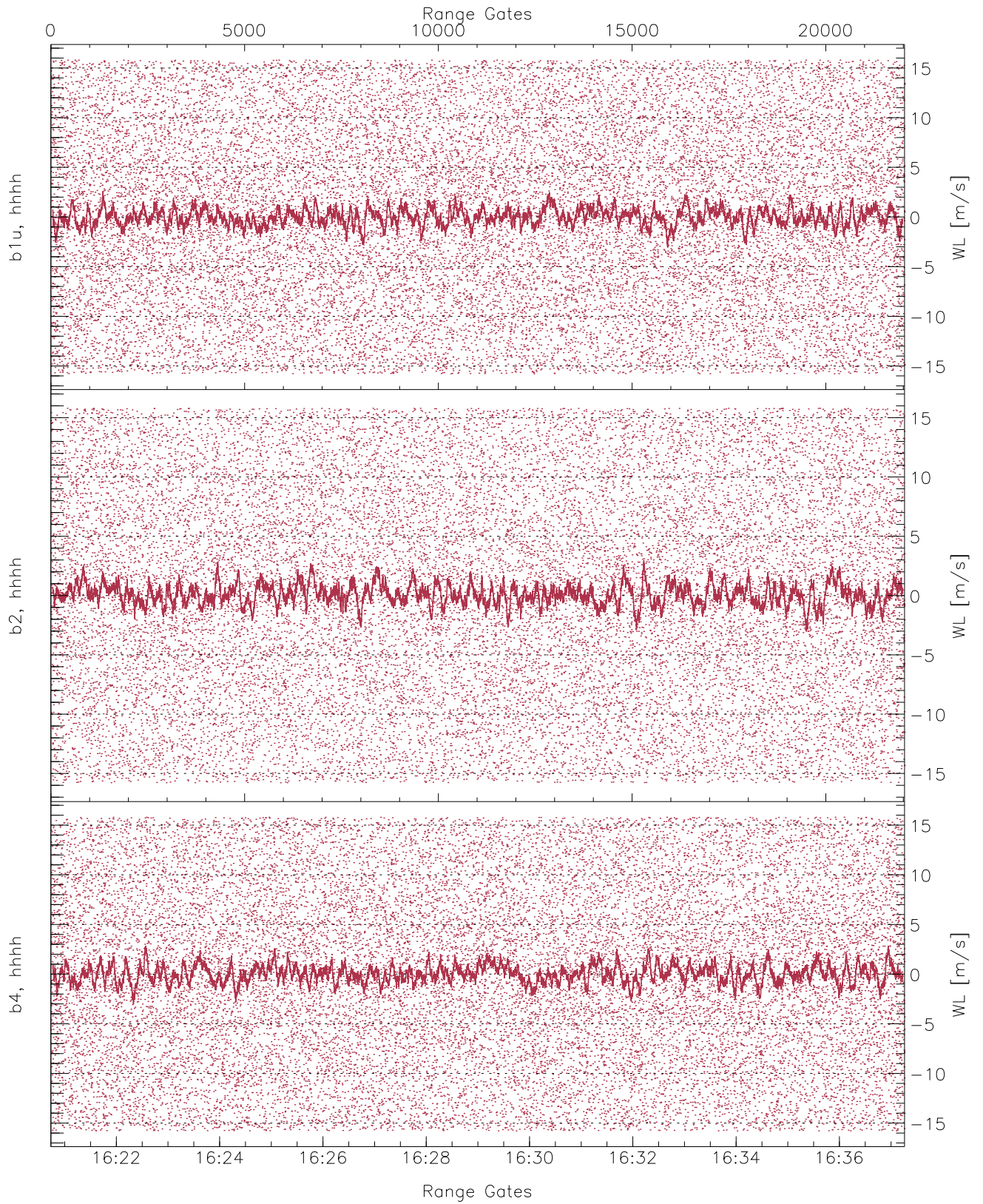




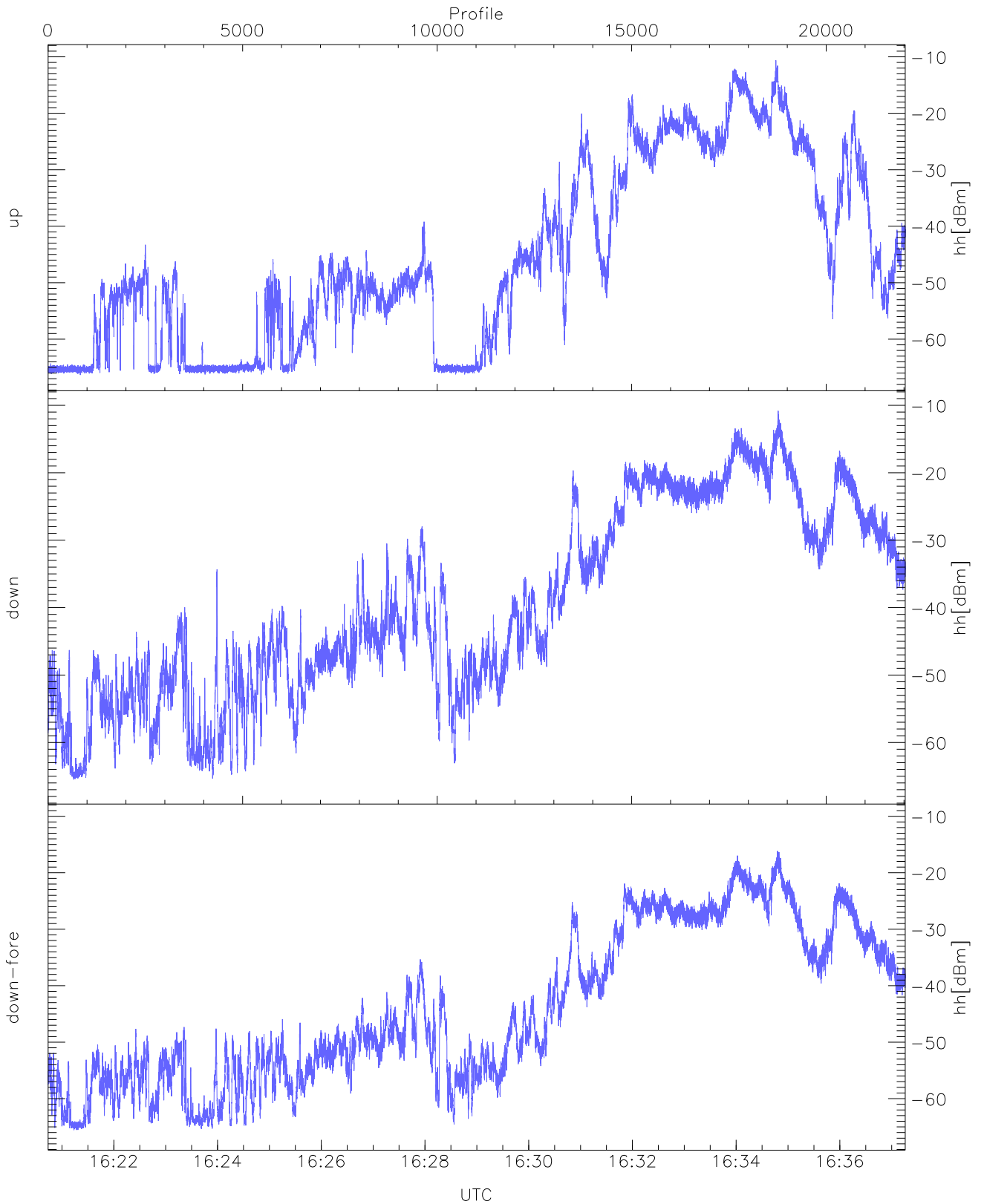
WCR3 CPP Averaged Received power for all recorded gates  
blue: 162044-162900, 11018 profiles averaged  
red: 162900-163716, 11017 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 162044-162900, 11018 profiles averaged  
red: 162900-163716, 11017 profiles averaged

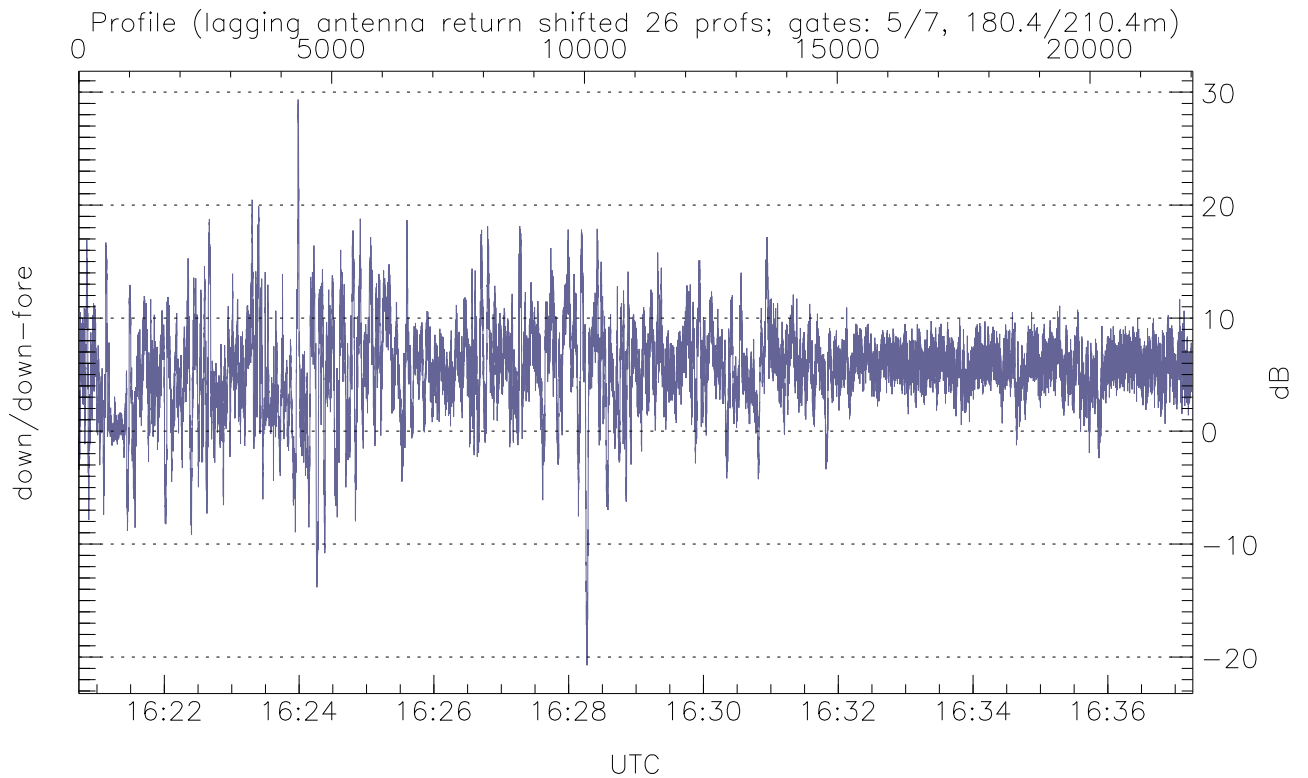
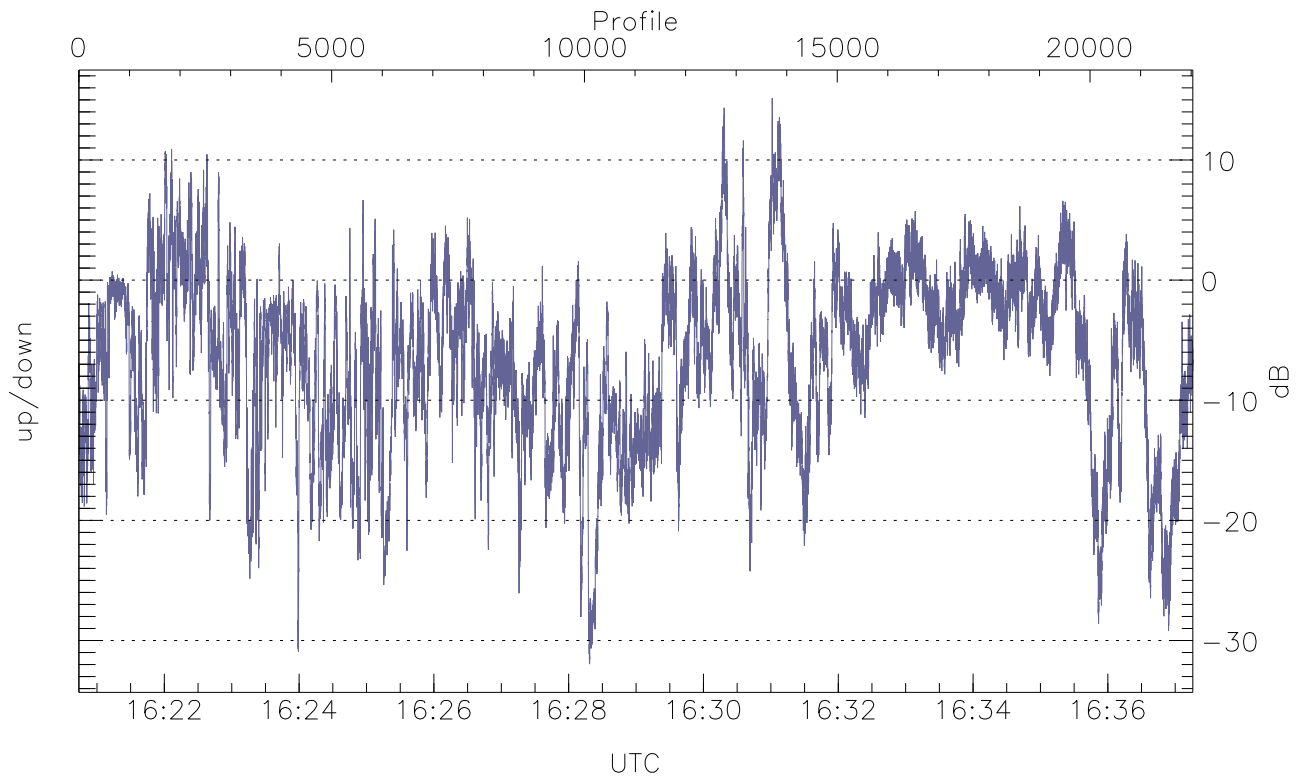


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



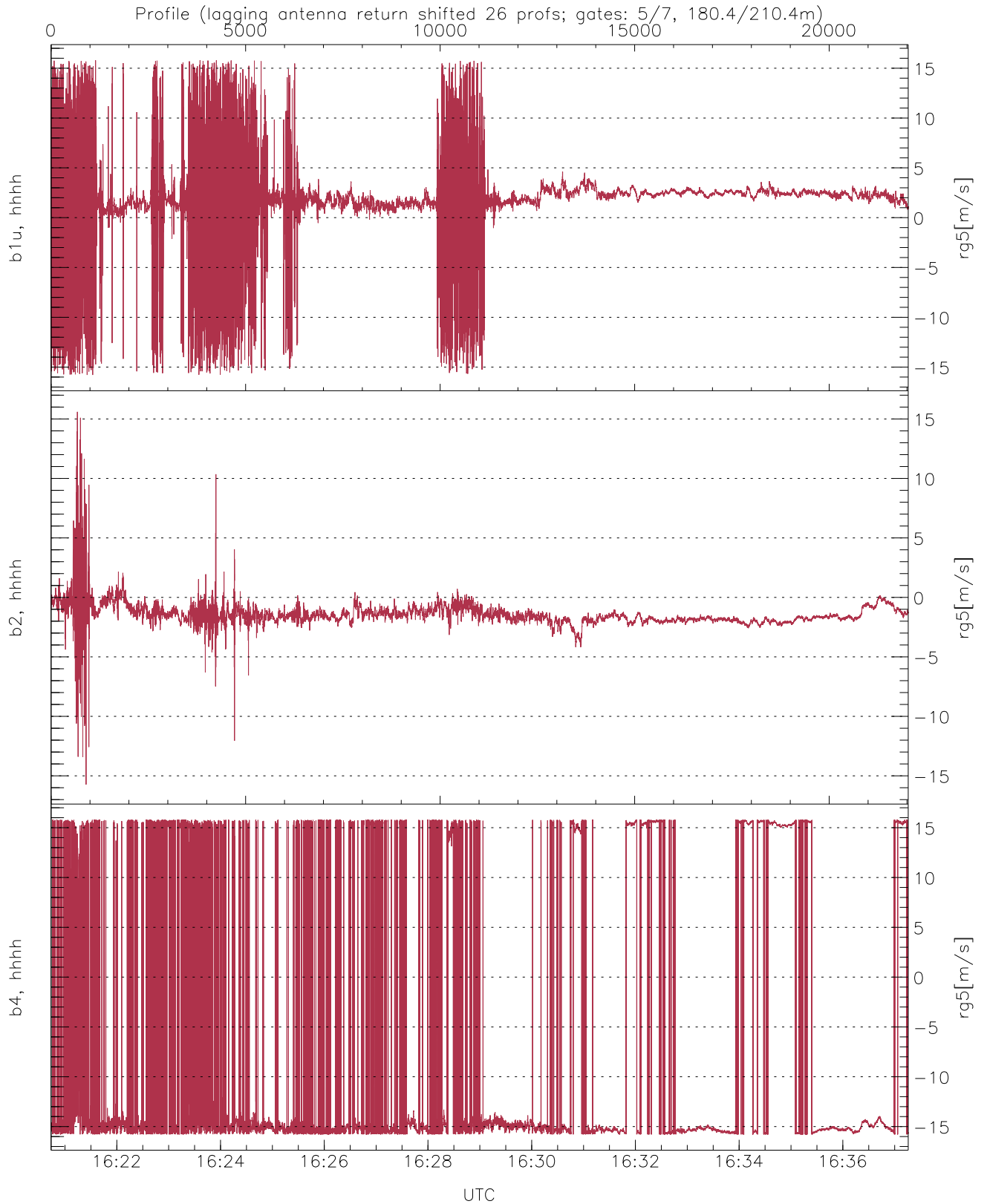
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.34	-10.62	-26.41
down(hh[dBm])	-65.49	-10.81	-25.34
down-fore(hh[dBm])	-65.56	-16.15	-29.94



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

	Min	Max	Mean
up/down (dB)	-31.96	15.13	-6.51
down/down-fore (dB)	-20.73	29.34	5.44



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	1.66	3.81
b2, hhhh(rg5[m/s])	-15.73	15.60	-1.45	0.90
b4, hhhh(rg5[m/s])	-15.79	15.79	-7.19	13.34