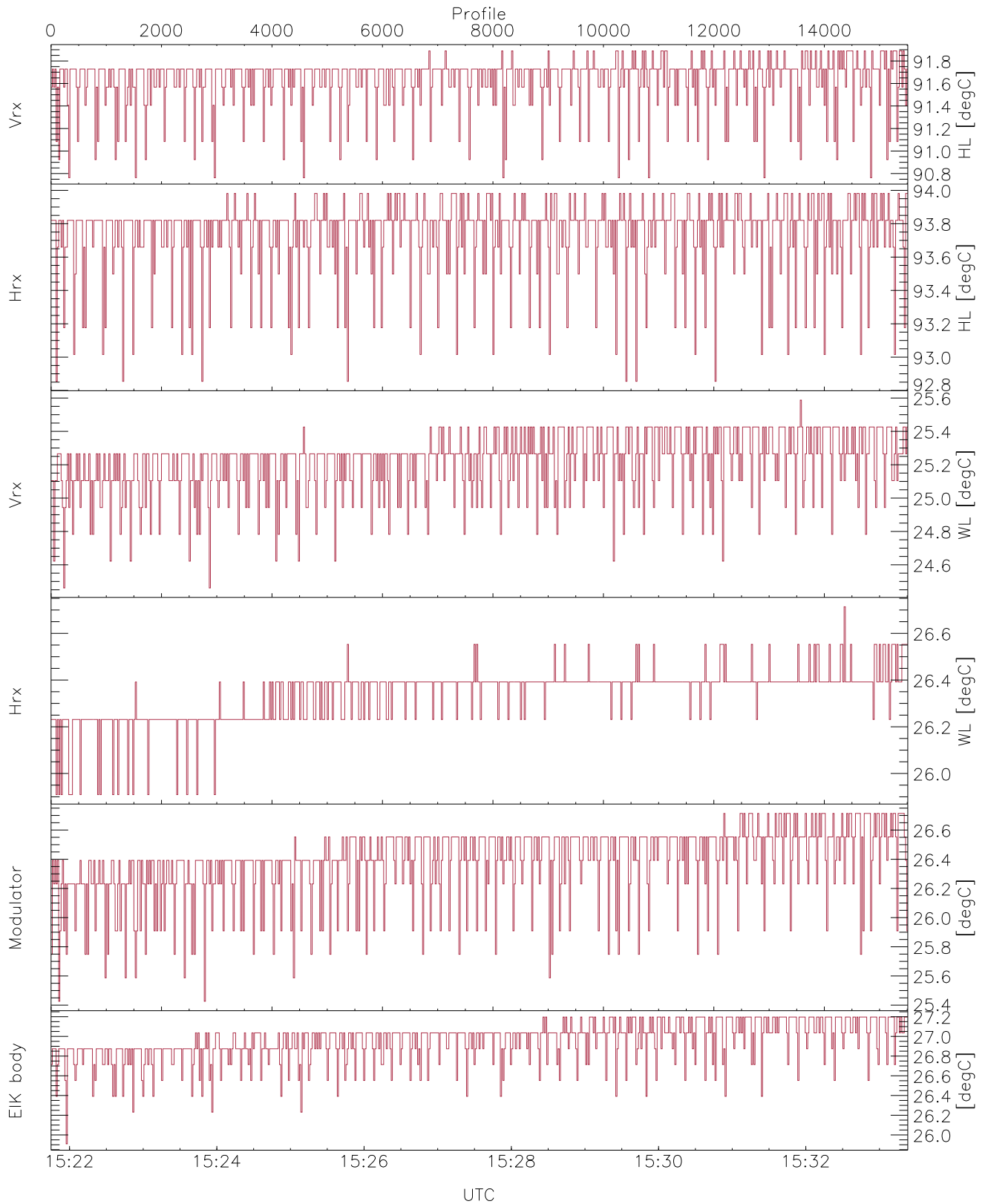


WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

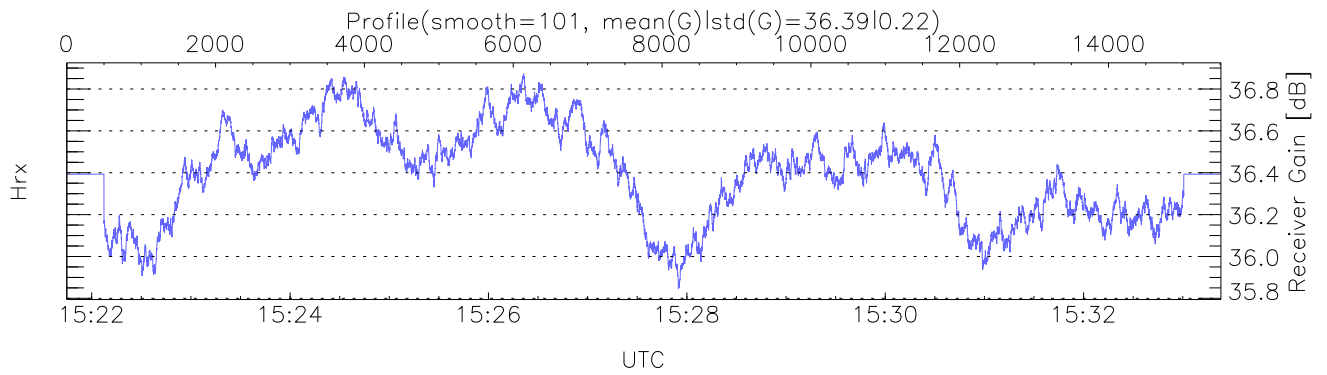
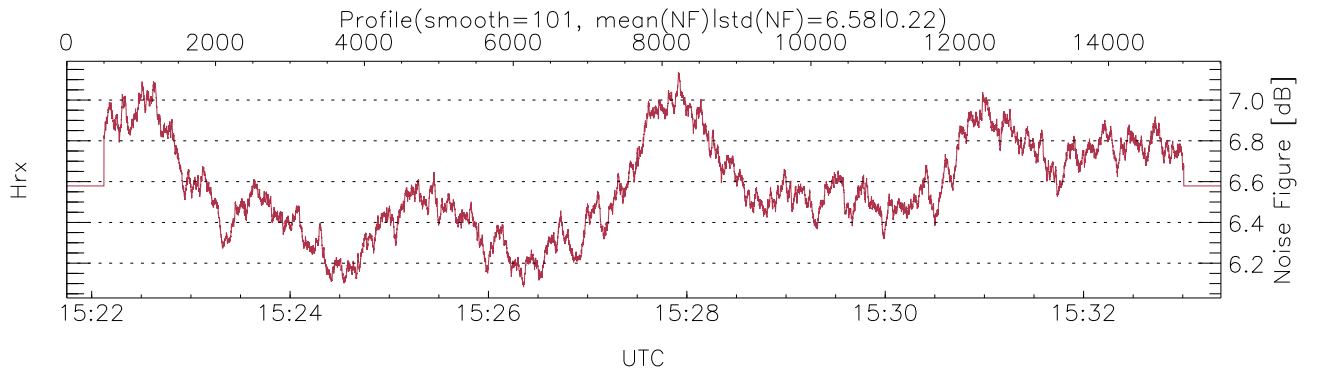
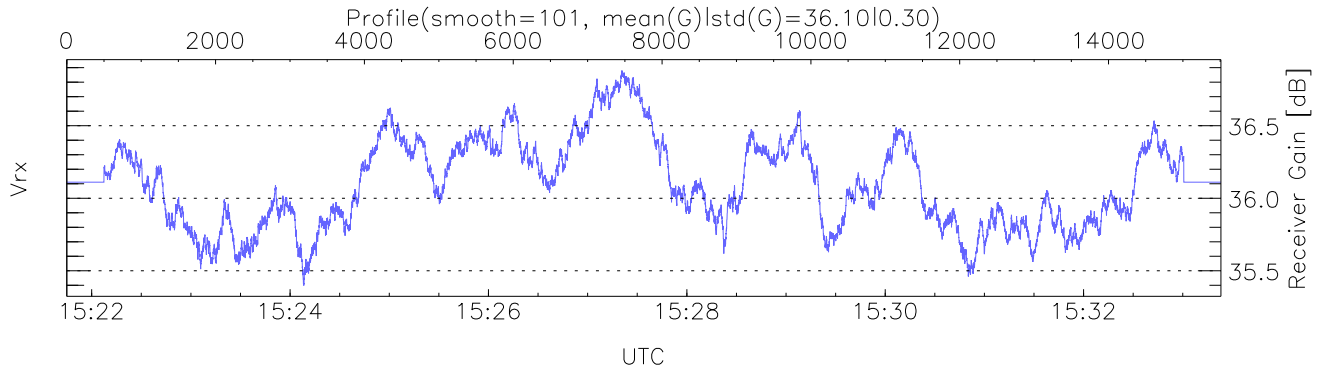
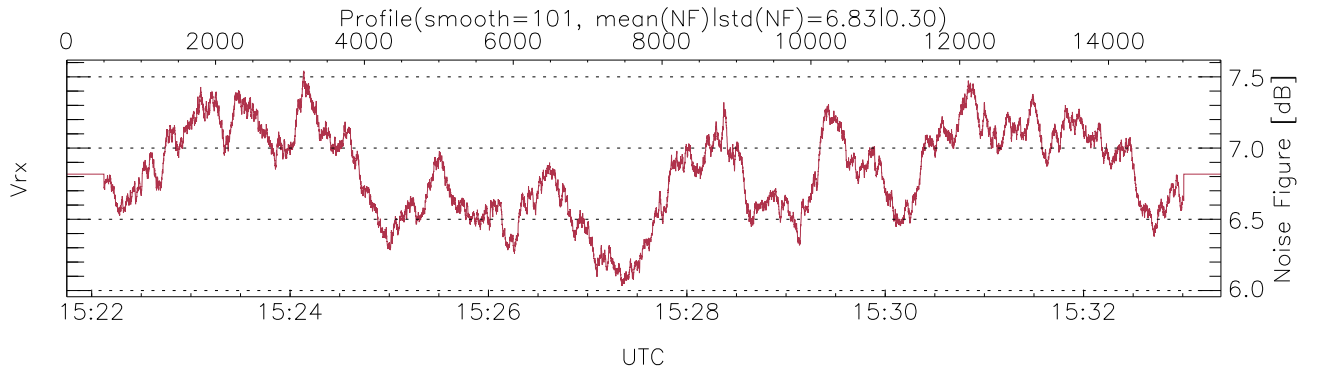
UTC: 15:21:45-15:33:23, TimeCor: 0.00s, Dur: 698.17s
 TimeFlg: 1, TFPstatus constant.
 TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
 NumRec(r/t): 15512/15512, 0-15511/15:21:45-15:33:23
 AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
 Pulse: 250ns, IFF: 4.0MHz, 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

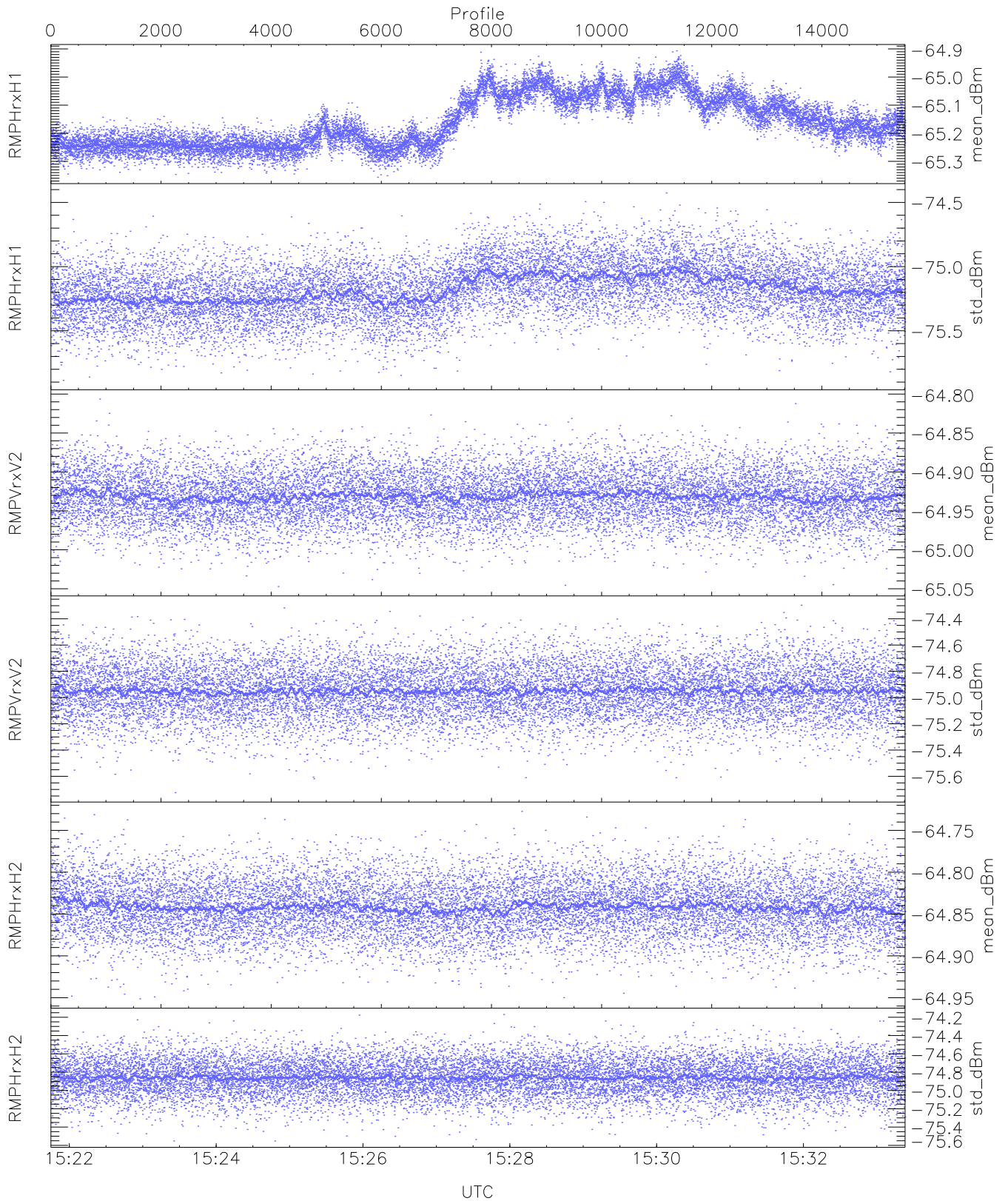
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,24,25,25,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,25,26,26,27
LOalarm(20,240,2817,14861 MHz): 0,0,24,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (24,24,24,24,24,24)
    
```



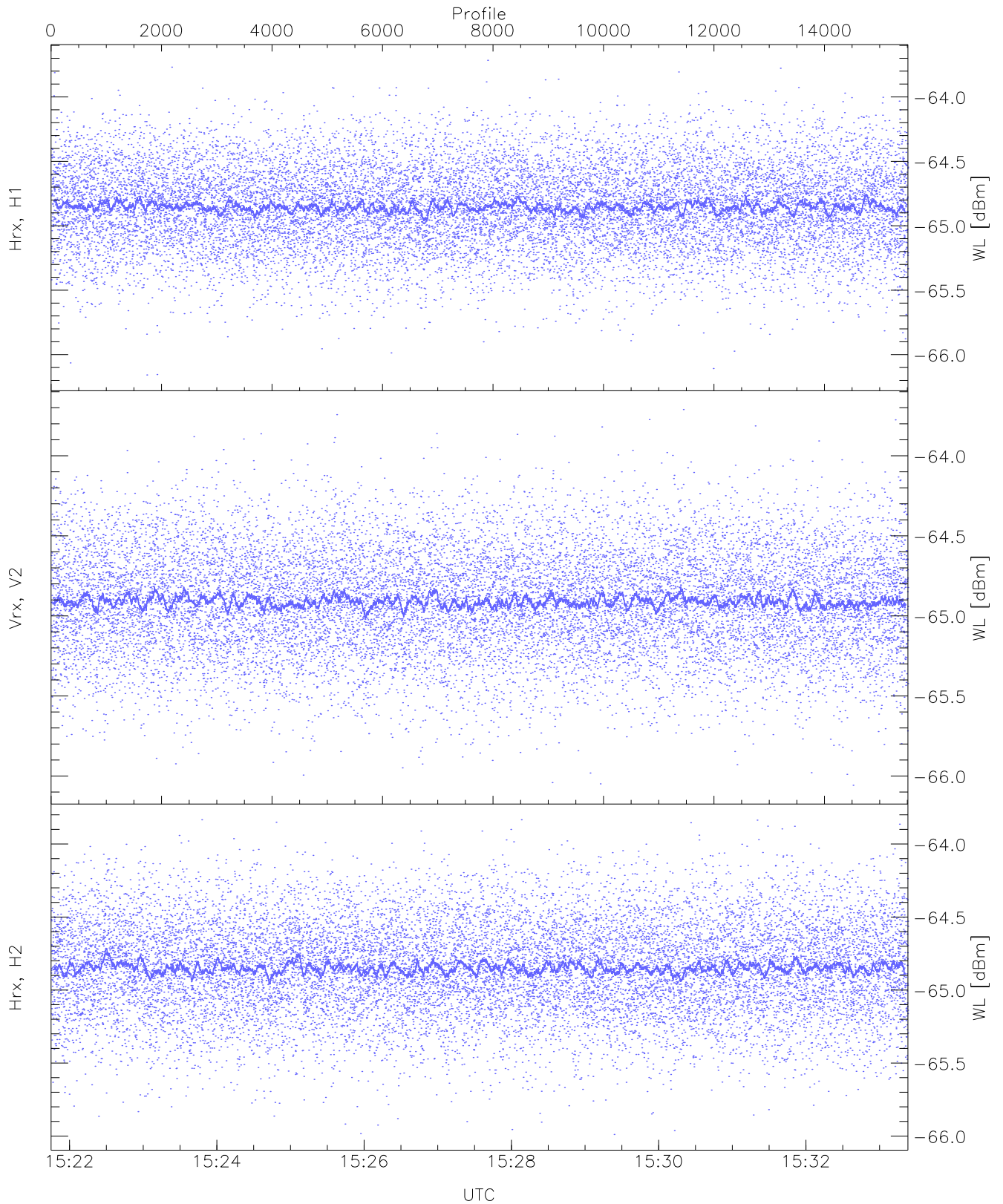
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 3 pixs, 1 gates, 3 profs, 1 prod(s)



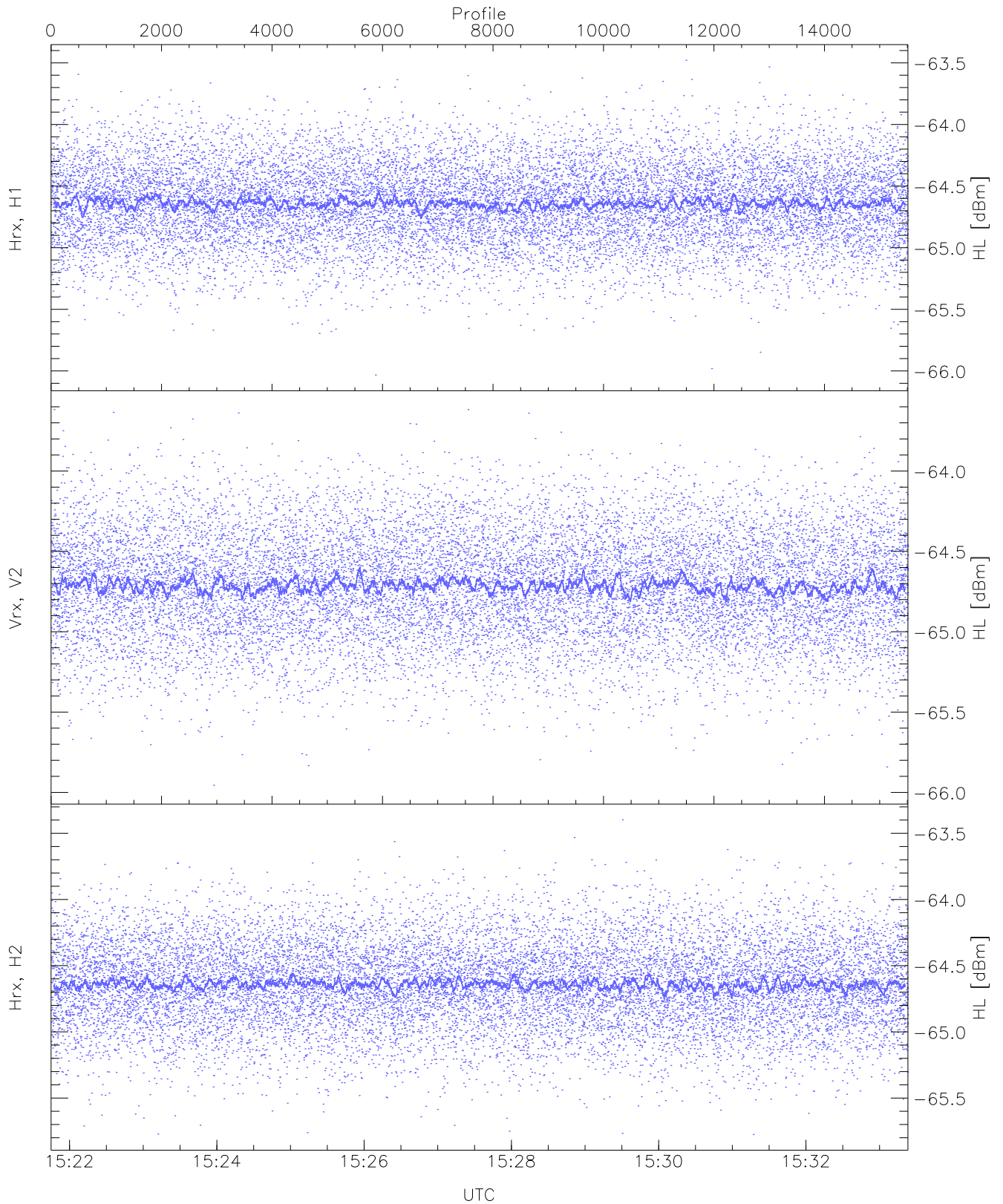
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.36	-64.91	-65.16	-65.18	-81.96
RMPHrxH1(std_dBm)	-75.89	-74.43	-75.18	-75.18	-88.54
RMPVrxV2(mean_dBm)	-65.05	-64.81	-64.93	-64.93	-86.51
RMPVrxV2(std_dBm)	-75.72	-74.30	-74.95	-74.95	-88.71
RMPHrxH2(mean_dBm)	-64.95	-64.73	-64.84	-64.84	-86.45
RMPHrxH2(std_dBm)	-75.55	-74.17	-74.86	-74.86	-88.63



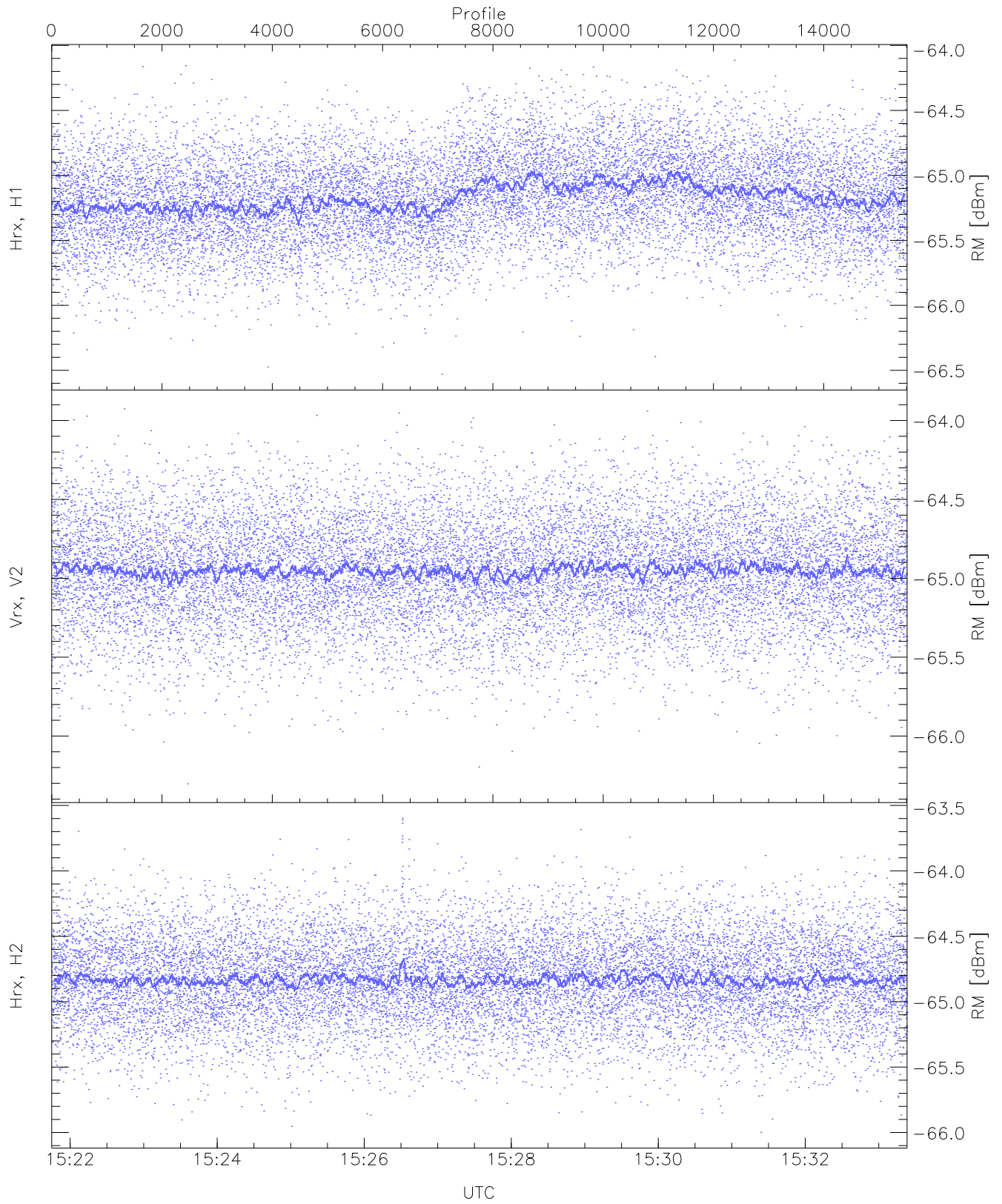
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.16	-63.72	-64.85	-64.85	-76.36
Vrx, V2 (WL [dBm])	-66.06	-63.71	-64.90	-64.91	-76.39
Hrx, H2 (WL [dBm])	-65.99	-63.83	-64.84	-64.85	-76.39



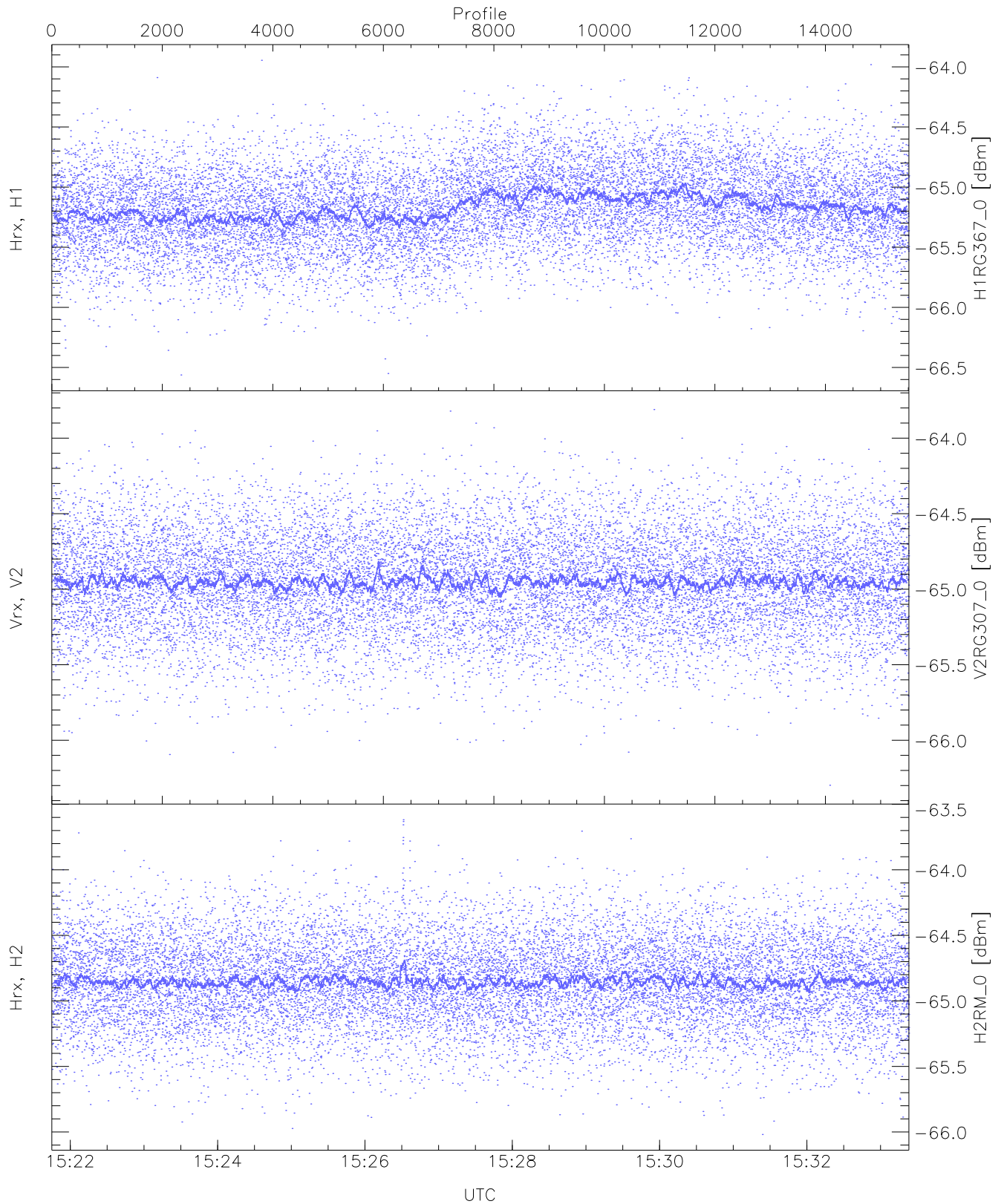
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.03	-63.48	-64.63	-64.64	-76.13
Vrx, V2 (HL [dBm])	-65.96	-63.62	-64.71	-64.71	-76.20
Hrx, H2 (HL [dBm])	-65.78	-63.40	-64.63	-64.64	-76.19



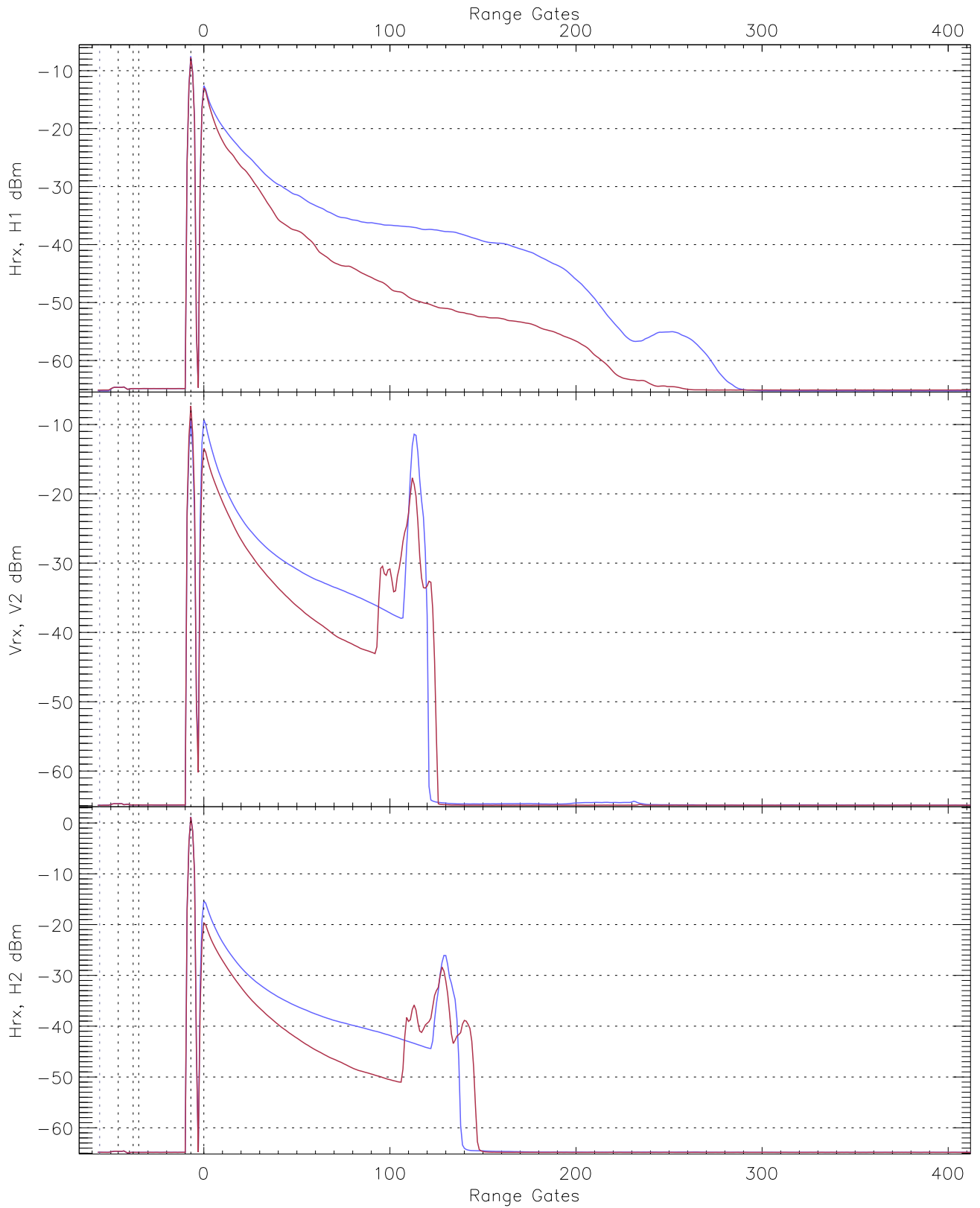
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.53	-64.11	-65.16	-65.17	-76.55
Vrx, V2 (RM [dBm])	-66.30	-63.93	-64.94	-64.95	-76.45
Hrx, H2 (RM [dBm])	-66.00	-63.60	-64.83	-64.83	-76.30

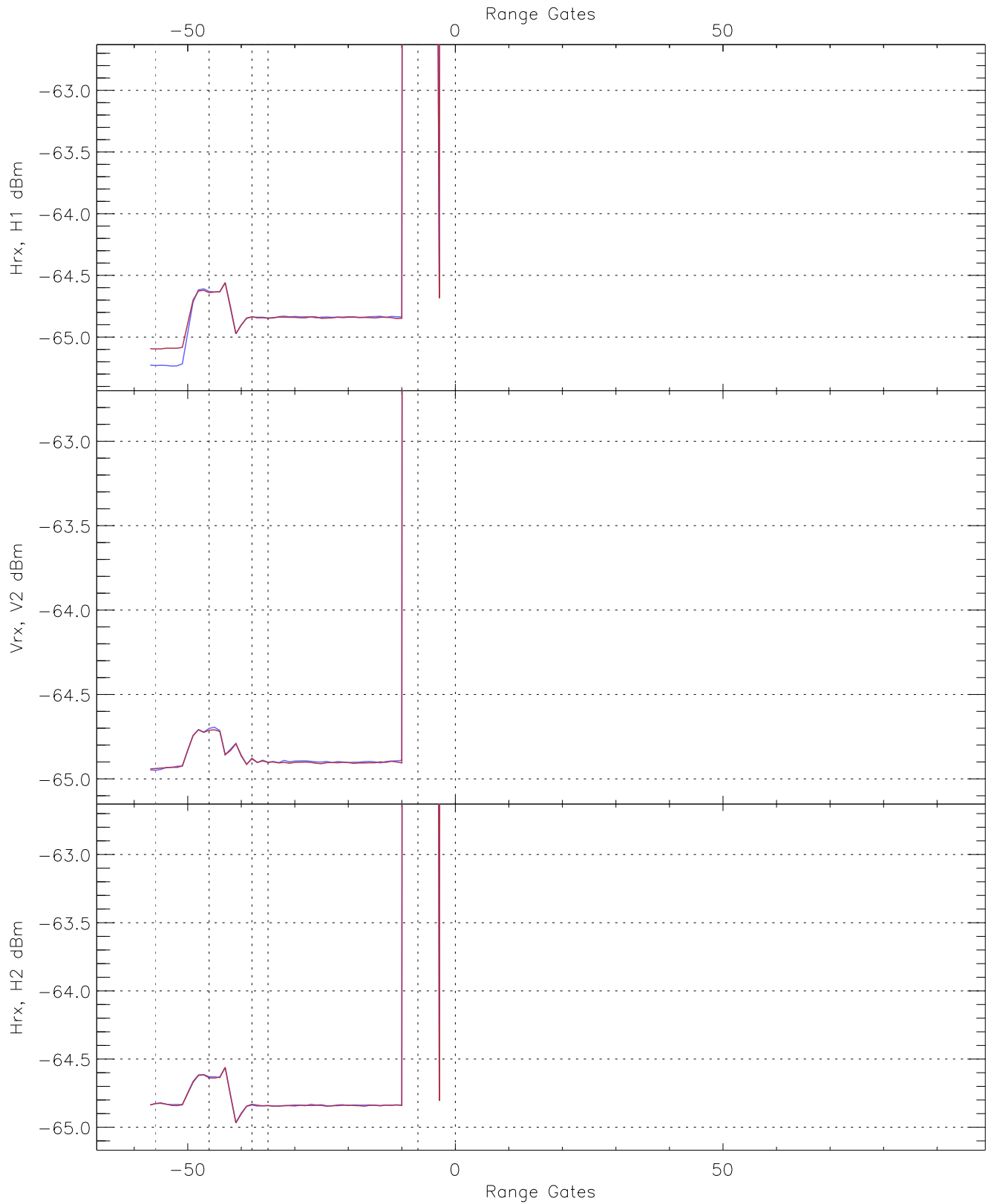


WCR3 CPP "Best" estimate Receivers Noise Power

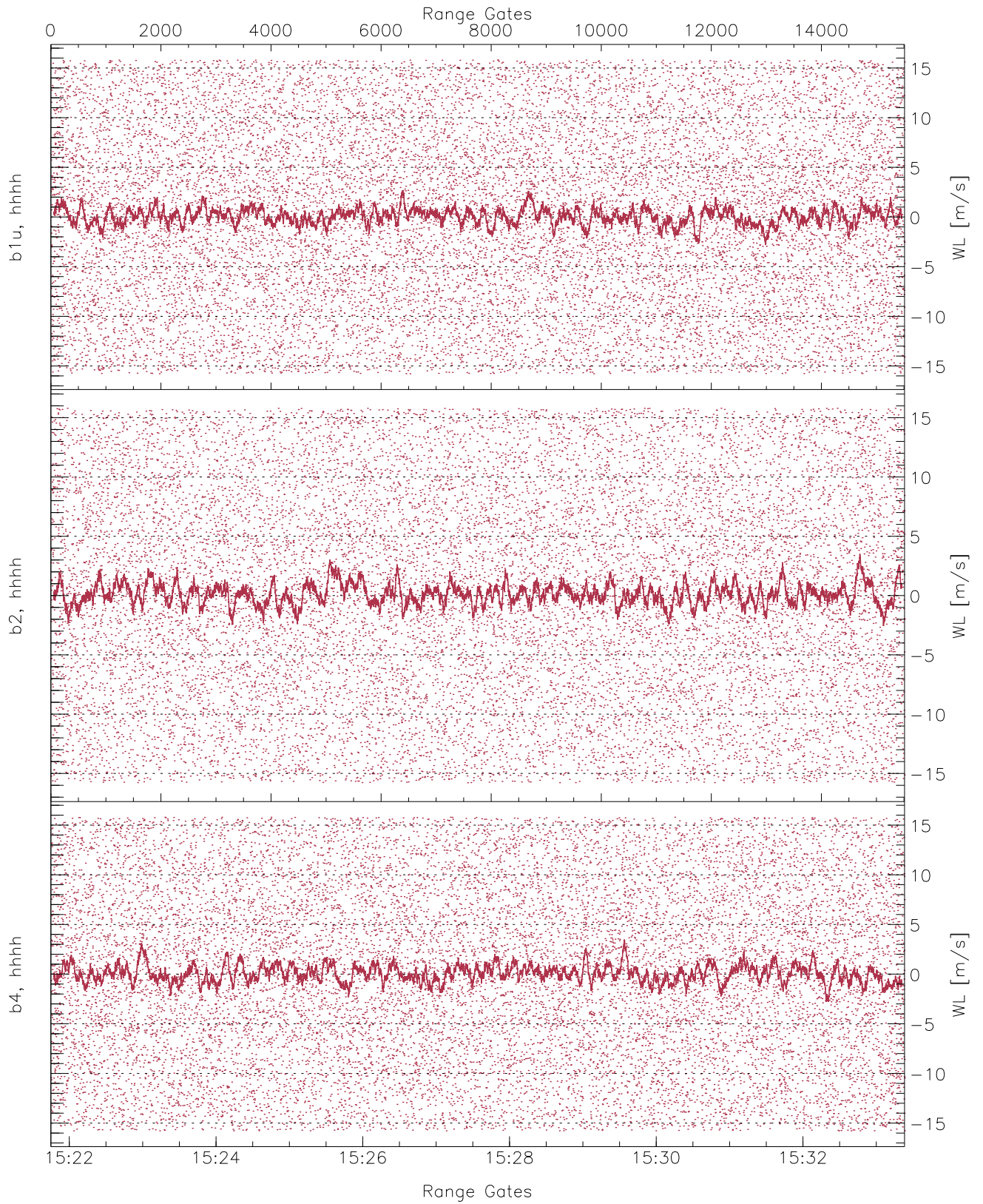
	Min	Max	Mean	Median	StDev
H1RG367_0 [dBm]	-66.56	-63.95	-65.17	-65.18	-76.54
V2RG307_0 [dBm]	-66.30	-63.81	-64.94	-64.95	-76.47
H2RM_0 [dBm]	-66.02	-63.62	-64.85	-64.85	-76.32



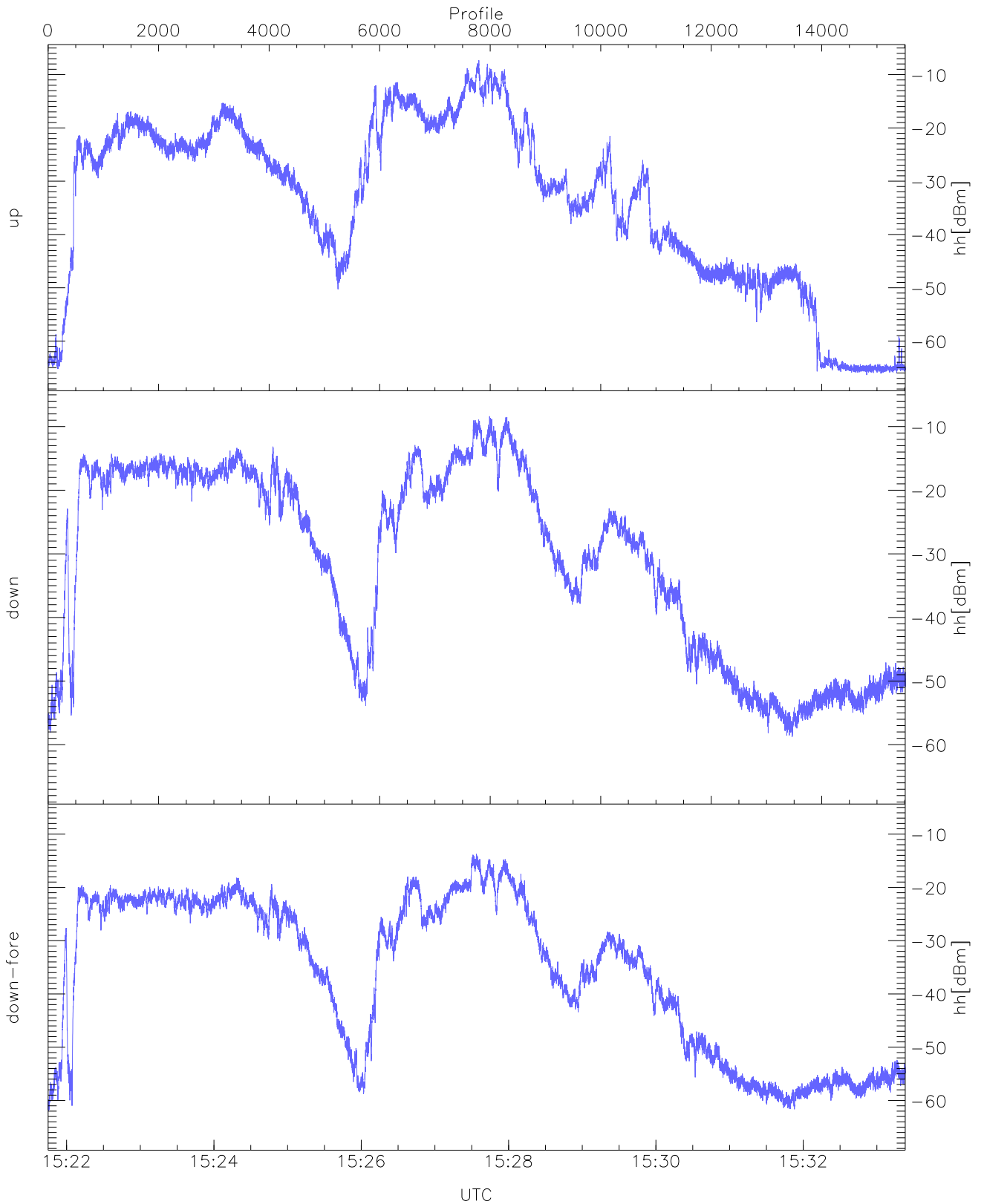
WCR3 CPP Averaged Received power for all recorded gates
blue: 152145-152734, 7757 profiles averaged
red: 152734-153323, 7756 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 152145-152734, 7757 profiles averaged
red: 152734-153323, 7756 profiles averaged

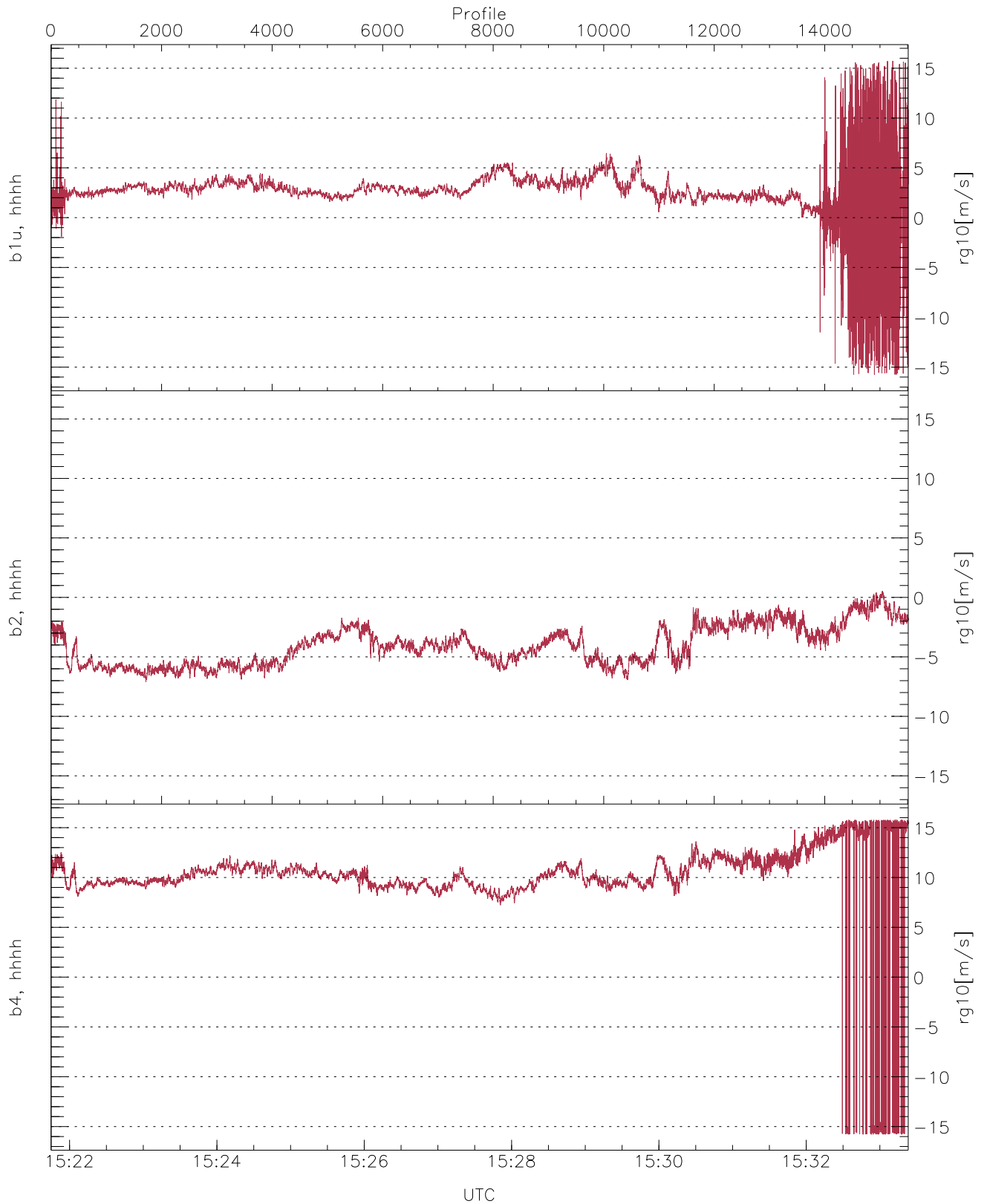


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



WCR3 CPP Received Power Products for Range gate 10 (255.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.38	-7.31	-20.68
down(hh[dBm])	-58.79	-8.37	-19.44
down-fore(hh[dBm])	-61.96	-13.71	-24.87



WCR3 CPP Doppler Velocity Products at 255.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg10[m/s])	-15.76	15.73	2.60	2.51
b2, hhhh(rg10[m/s])	-7.10	0.54	-4.05	1.65
b4, hhhh(rg10[m/s])	-15.79	15.79	10.03	4.21