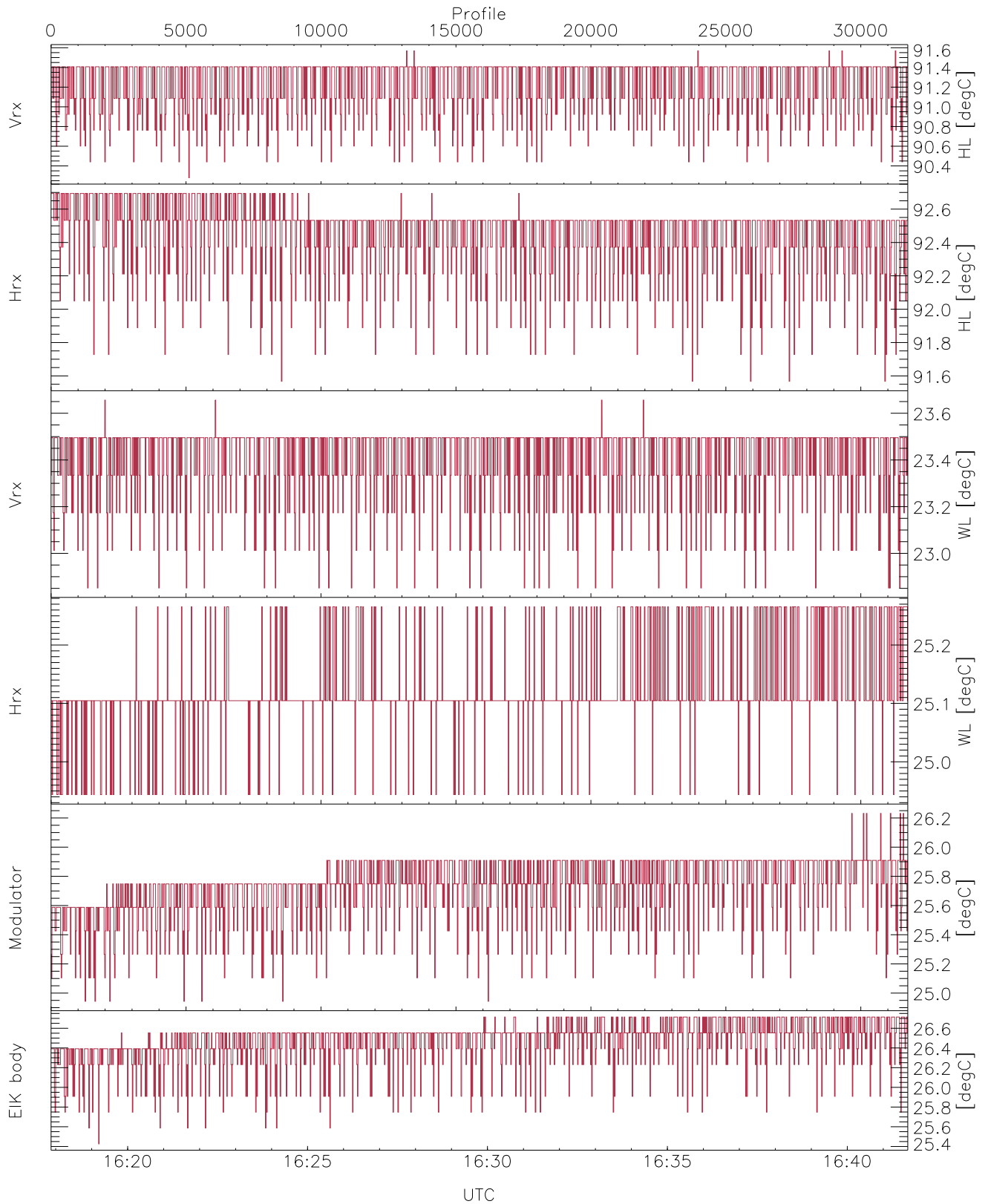


WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

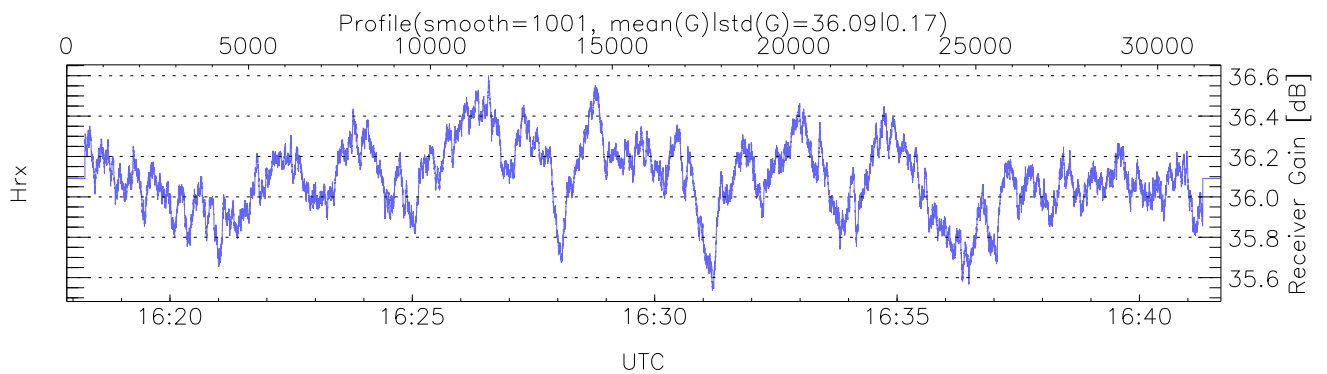
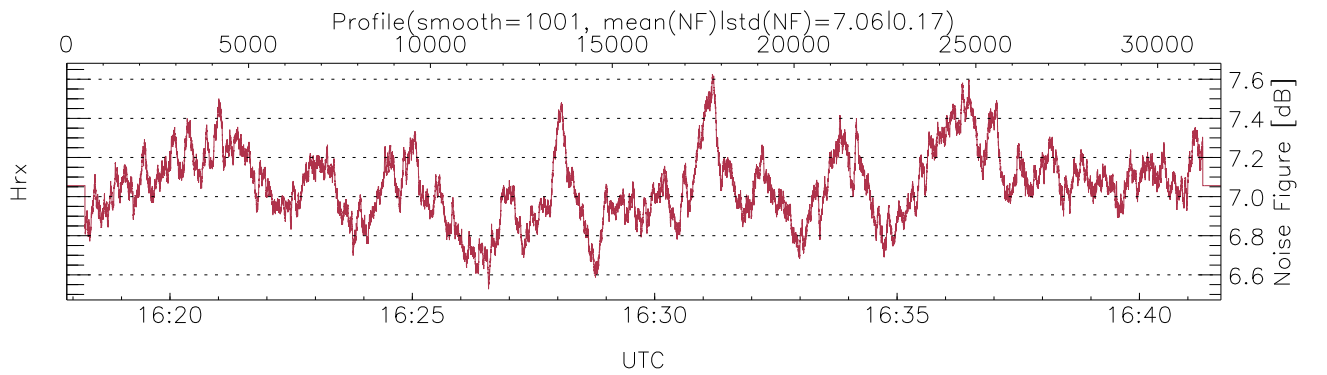
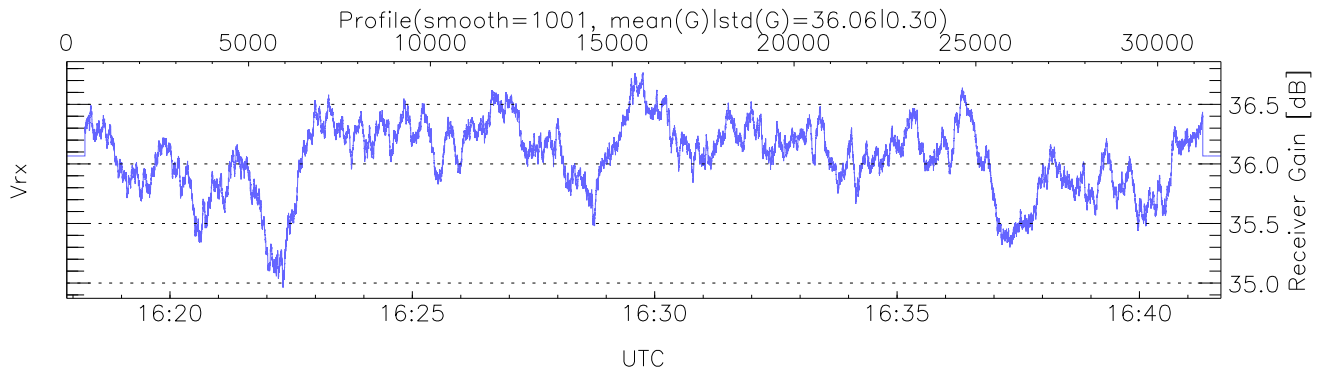
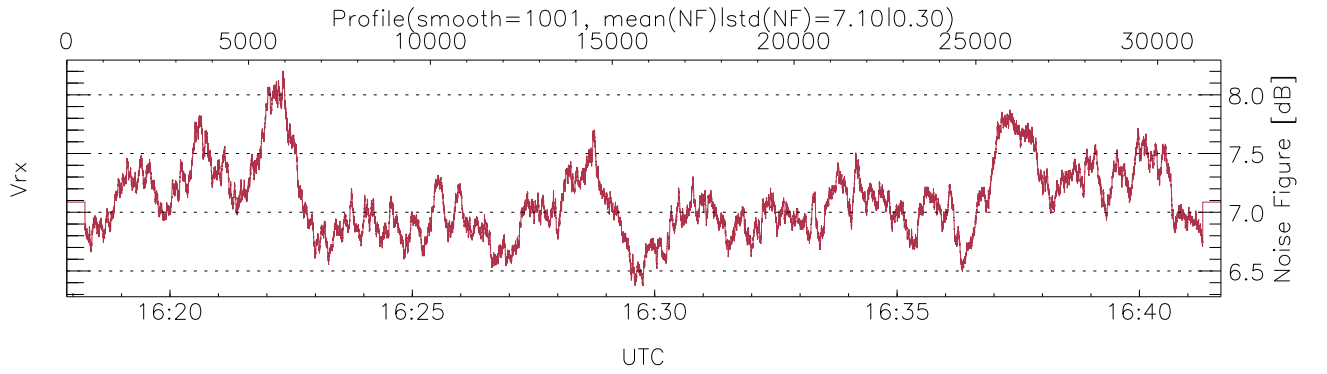
UTC: 16:17:52-16:41:41, TimeCor: 0.00s, Dur: 1428.66s
 TimeFlg: 1, TFPstatus constant.
 TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
 NumRec(r/t): 31741/31741, 0-31740/16:17:52-16:41:41
 AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
 Pulse: 250ns, IFF: 4.0MHz, 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

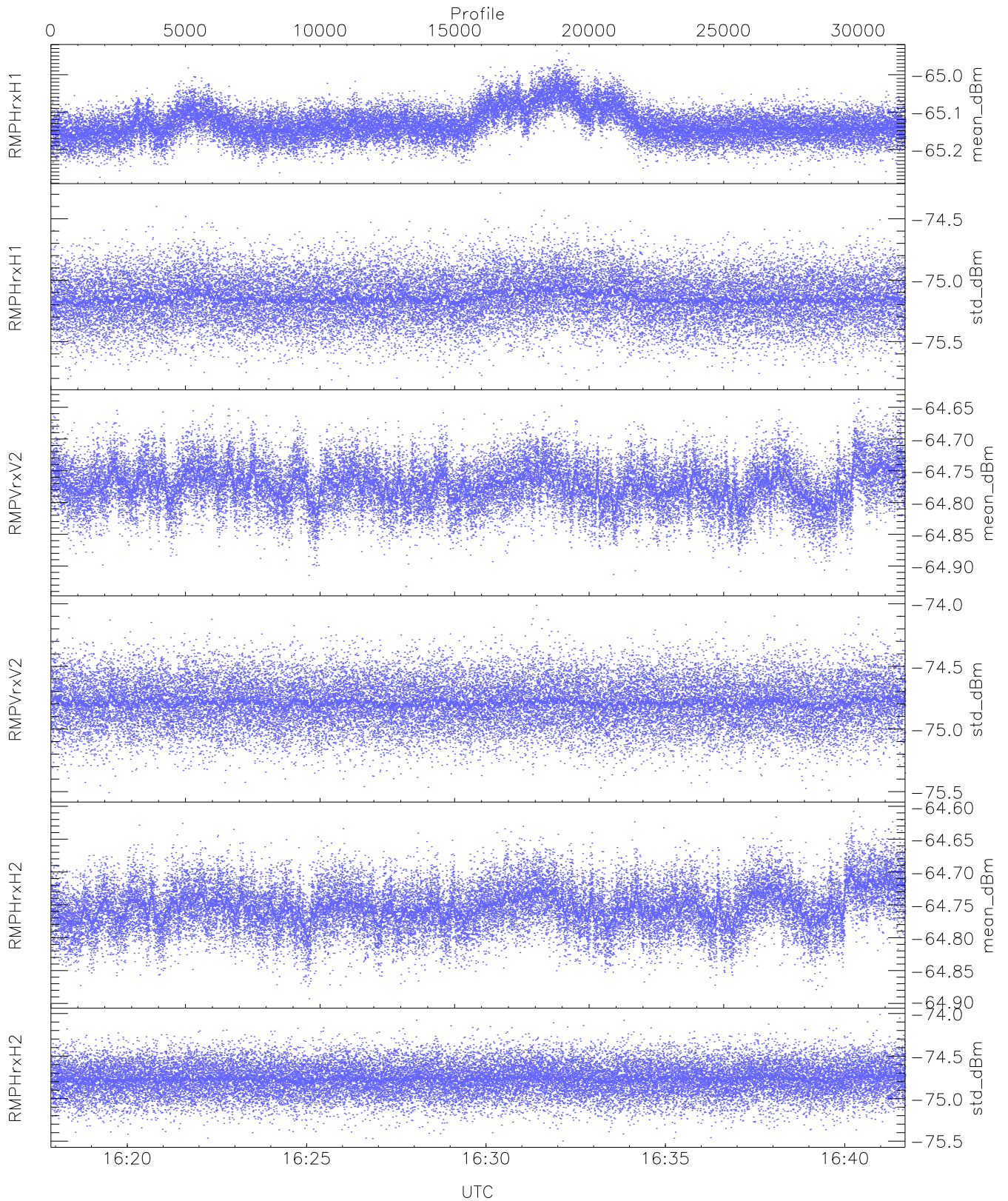
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,22,24,24,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,25,26,26
LOalarm(20,240,2817,14861 MHz): 0,0,110,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,Fault2,DeckF,OverDuty,HVPS,Fault1 (22,22,22,22,44,22,22,22)
    
```



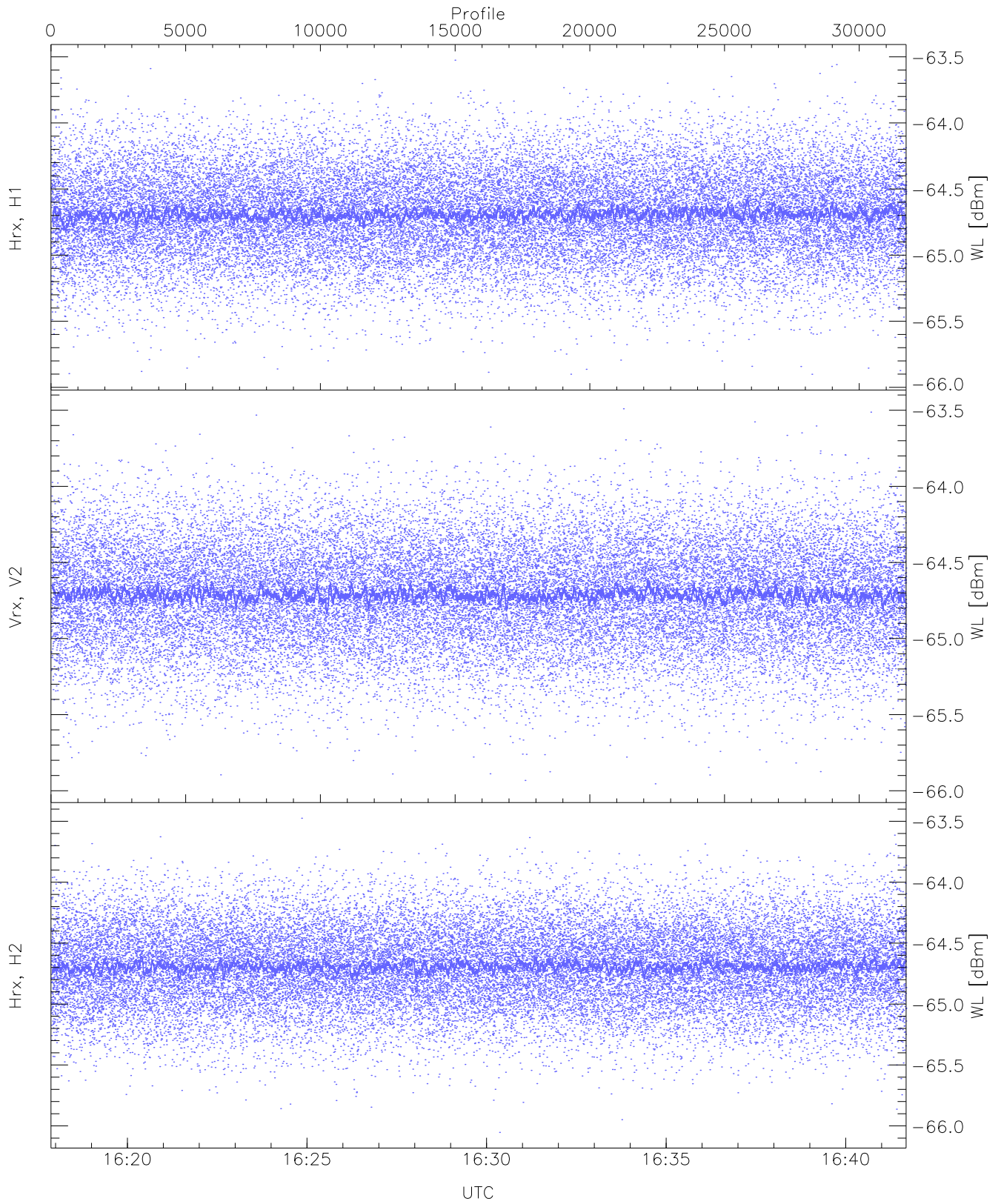
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 53 pixs, 3 gates, 53 profs, 1 prod(s)



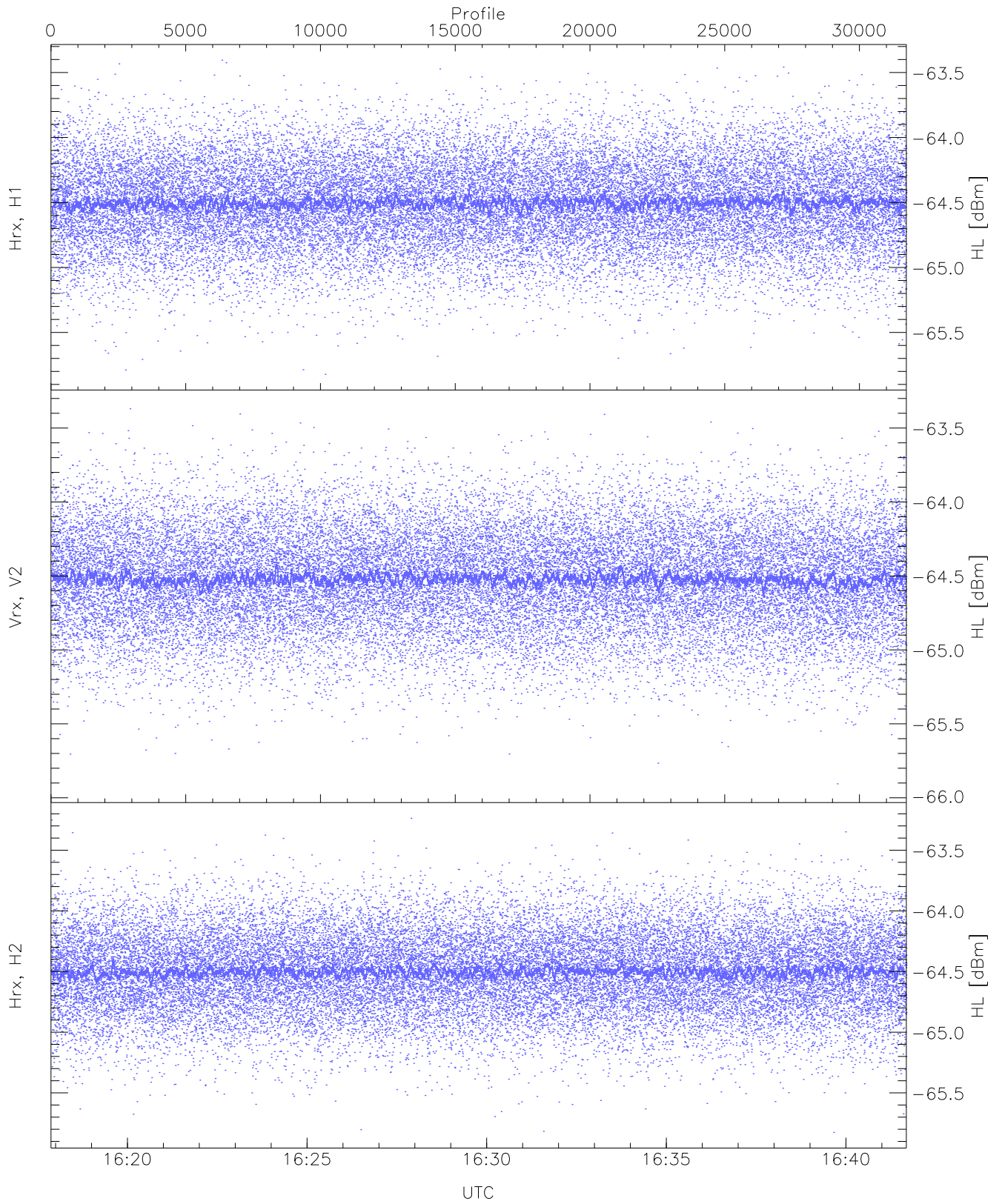
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.27	-64.94	-65.13	-65.14	-85.28
RMPHrxH1(std_dBm)	-75.82	-74.29	-75.15	-75.15	-88.87
RMPVrxV2(mean_dBm)	-64.93	-64.64	-64.77	-64.77	-85.63
RMPVrxV2(std_dBm)	-75.51	-74.01	-74.79	-74.79	-88.58
RMPHrxH2(mean_dBm)	-64.89	-64.61	-64.75	-64.75	-85.69
RMPHrxH2(std_dBm)	-75.50	-74.01	-74.77	-74.77	-88.56



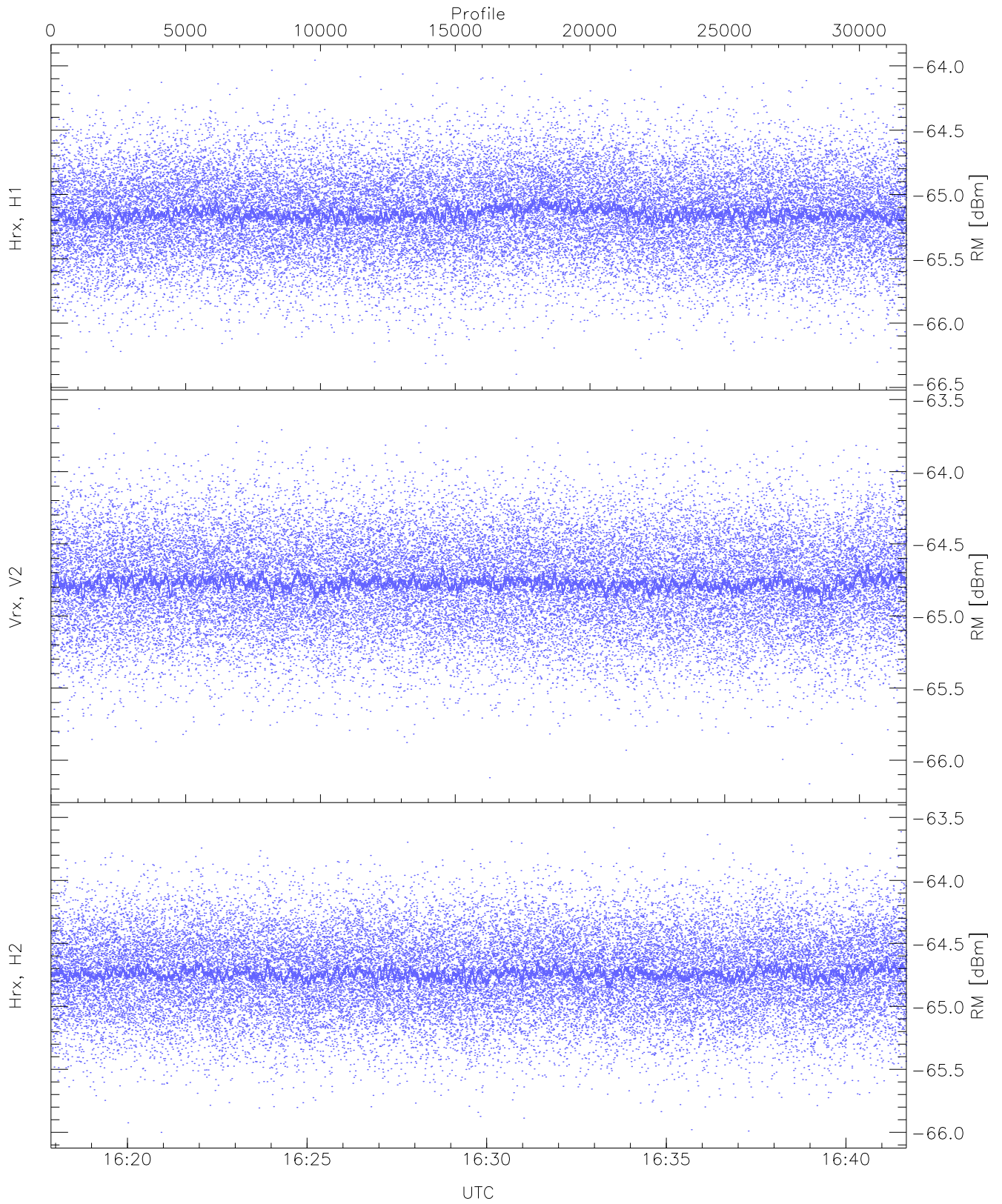
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.90	-63.53	-64.68	-64.69	-76.18
Vrx, V2 (WL [dBm])	-65.95	-63.49	-64.70	-64.71	-76.20
Hrx, H2 (WL [dBm])	-66.05	-63.48	-64.69	-64.69	-76.21



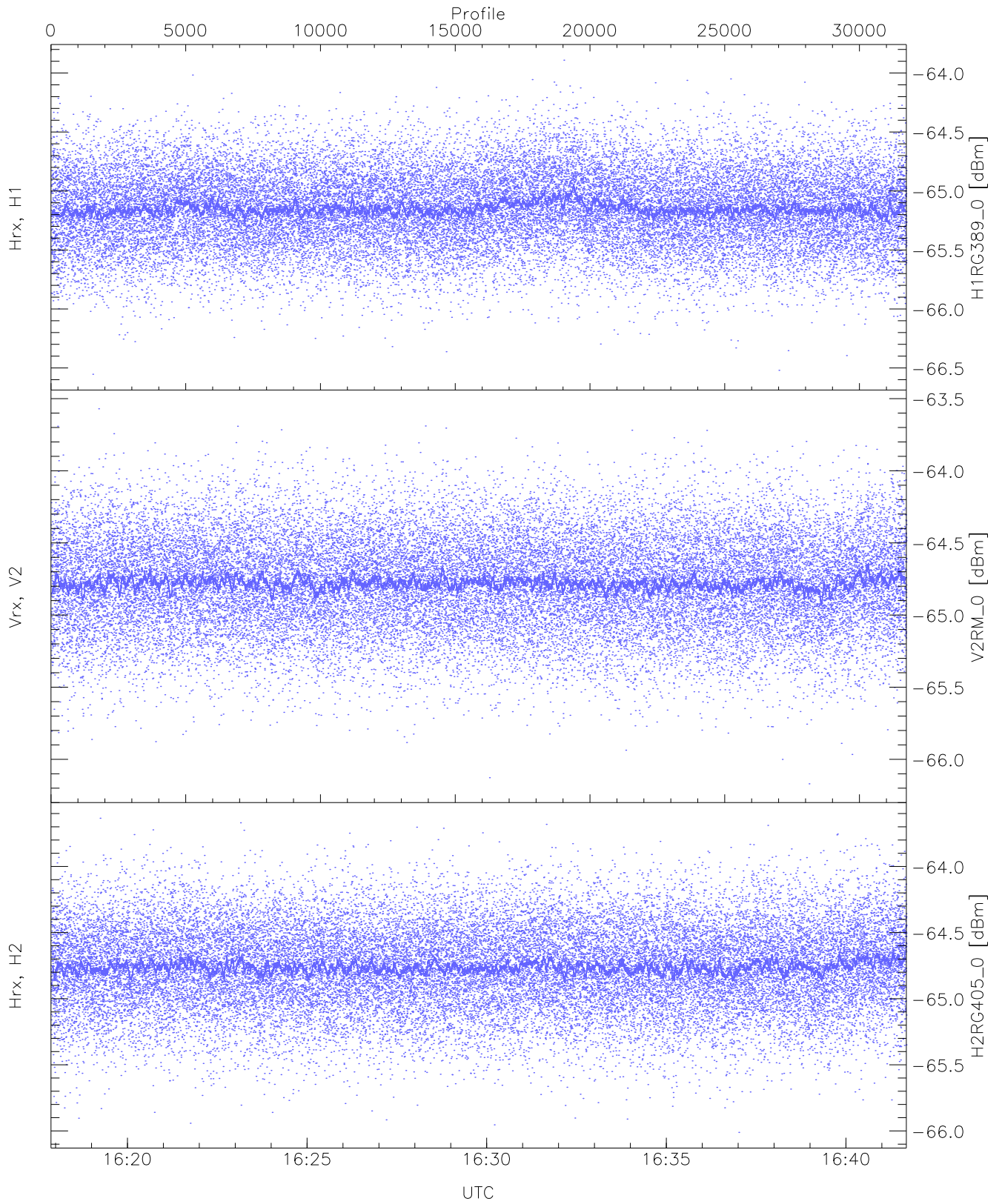
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.82	-63.41	-64.50	-64.51	-75.99
Vrx, V2 (HL [dBm])	-65.91	-63.37	-64.51	-64.52	-76.01
Hrx, H2 (HL [dBm])	-65.83	-63.24	-64.50	-64.50	-76.00



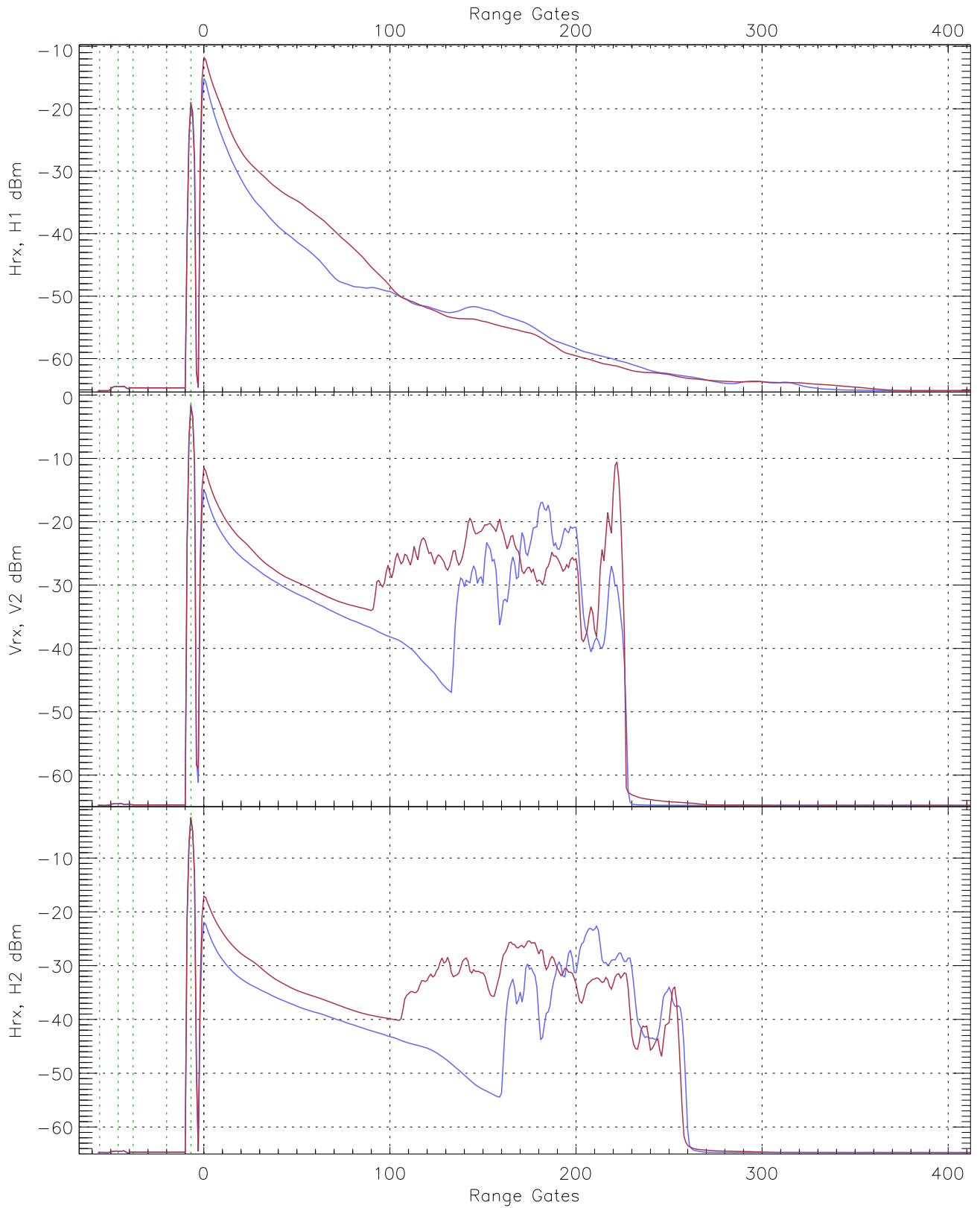
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.40	-63.96	-65.14	-65.15	-76.64
Vrx, V2 (RM [dBm])	-66.16	-63.56	-64.77	-64.77	-76.24
Hrx, H2 (RM [dBm])	-66.00	-63.51	-64.73	-64.74	-76.21

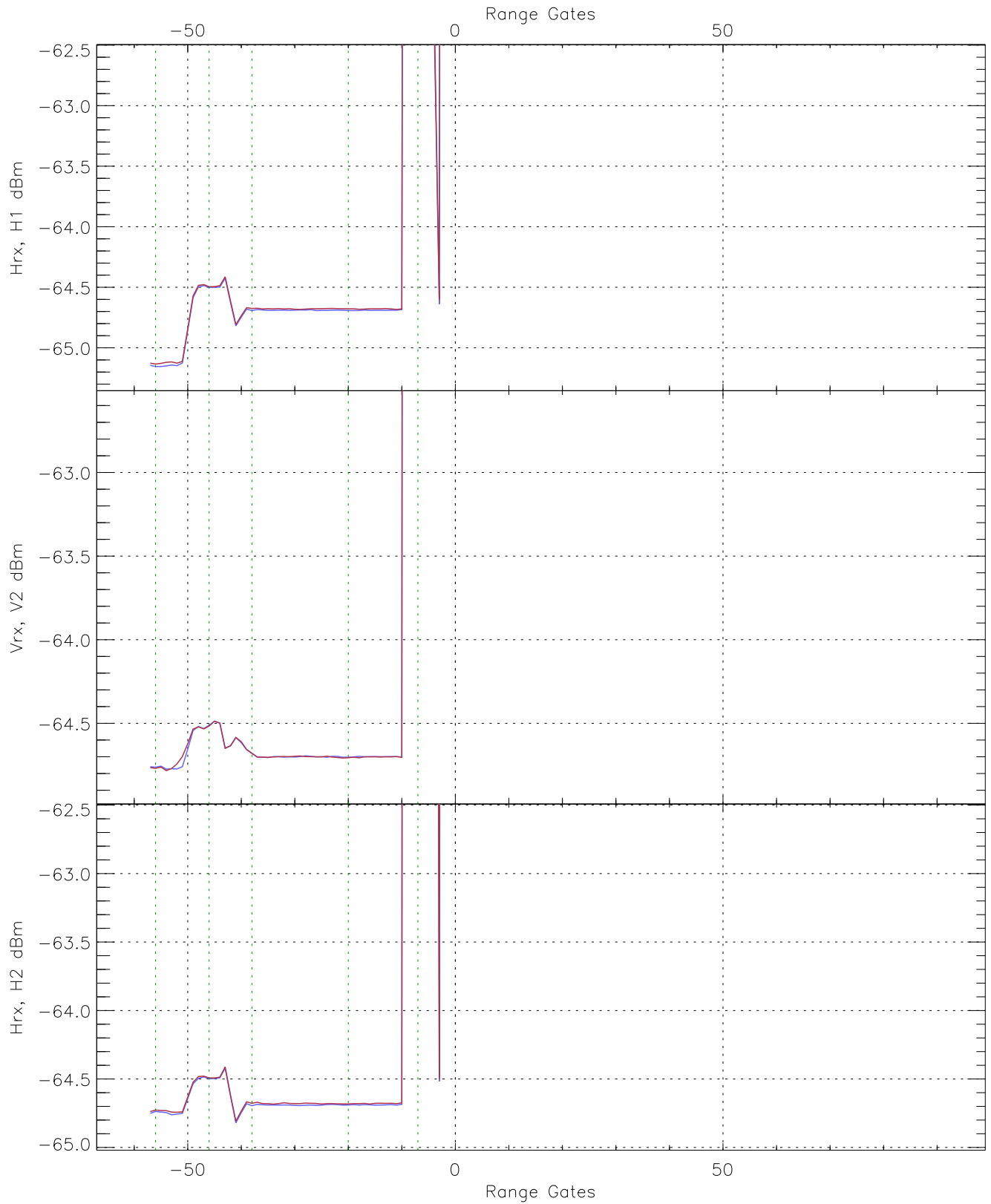


WCR3 CPP "Best" estimate Receivers Noise Power

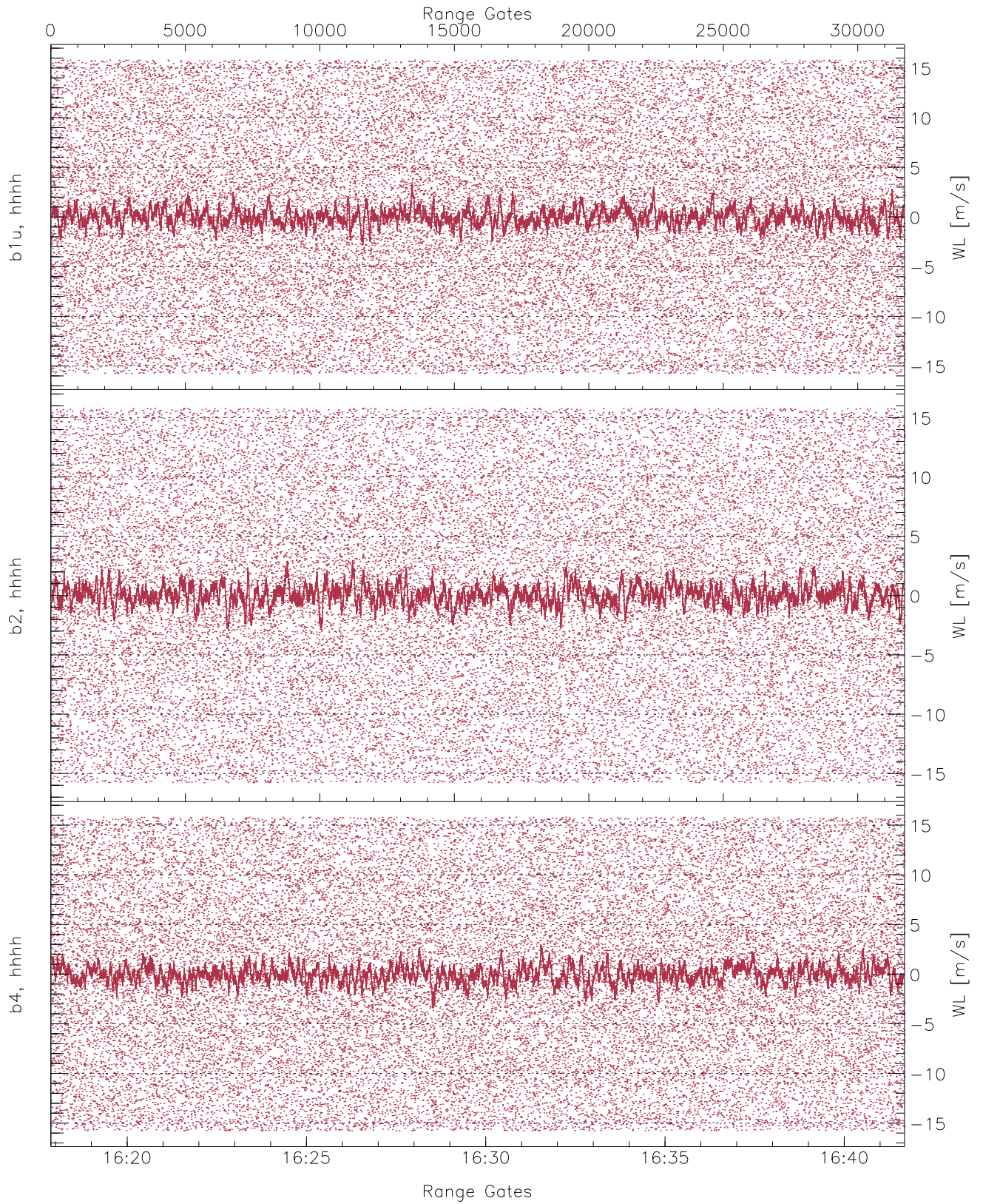
	Min	Max	Mean	Median	StDev
H1RG389_0 [dBm]	-66.55	-63.89	-65.14	-65.15	-76.63
V2RM_0 [dBm]	-66.17	-63.57	-64.77	-64.78	-76.24
H2RG405_0 [dBm]	-66.01	-63.64	-64.75	-64.76	-76.29



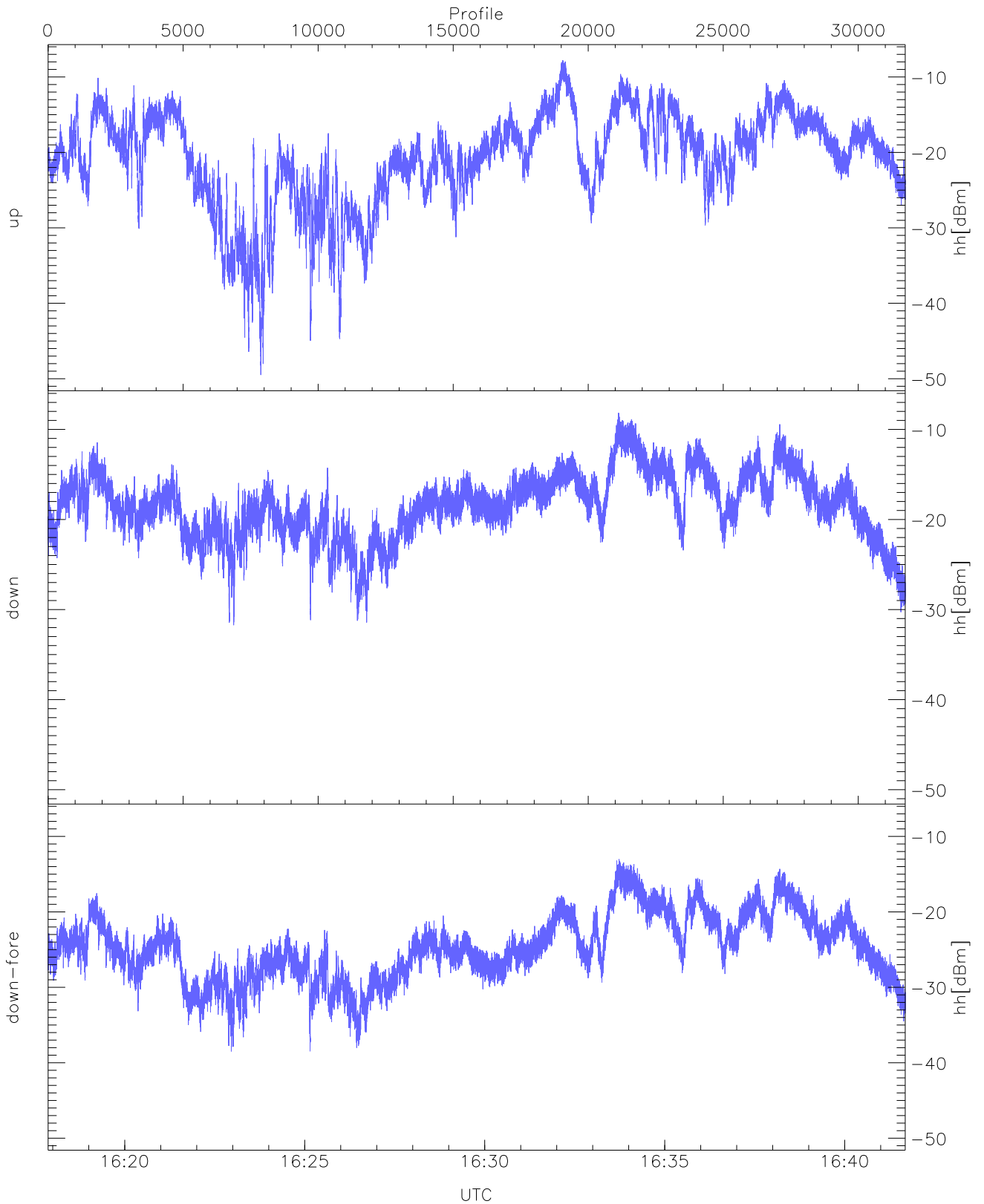
WCR3 CPP Averaged Received power for all recorded gates
blue: 161752-162947, 15871 profiles averaged
red: 162947-164141, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 161752-162947, 15871 profiles averaged
red: 162947-164141, 15871 profiles averaged

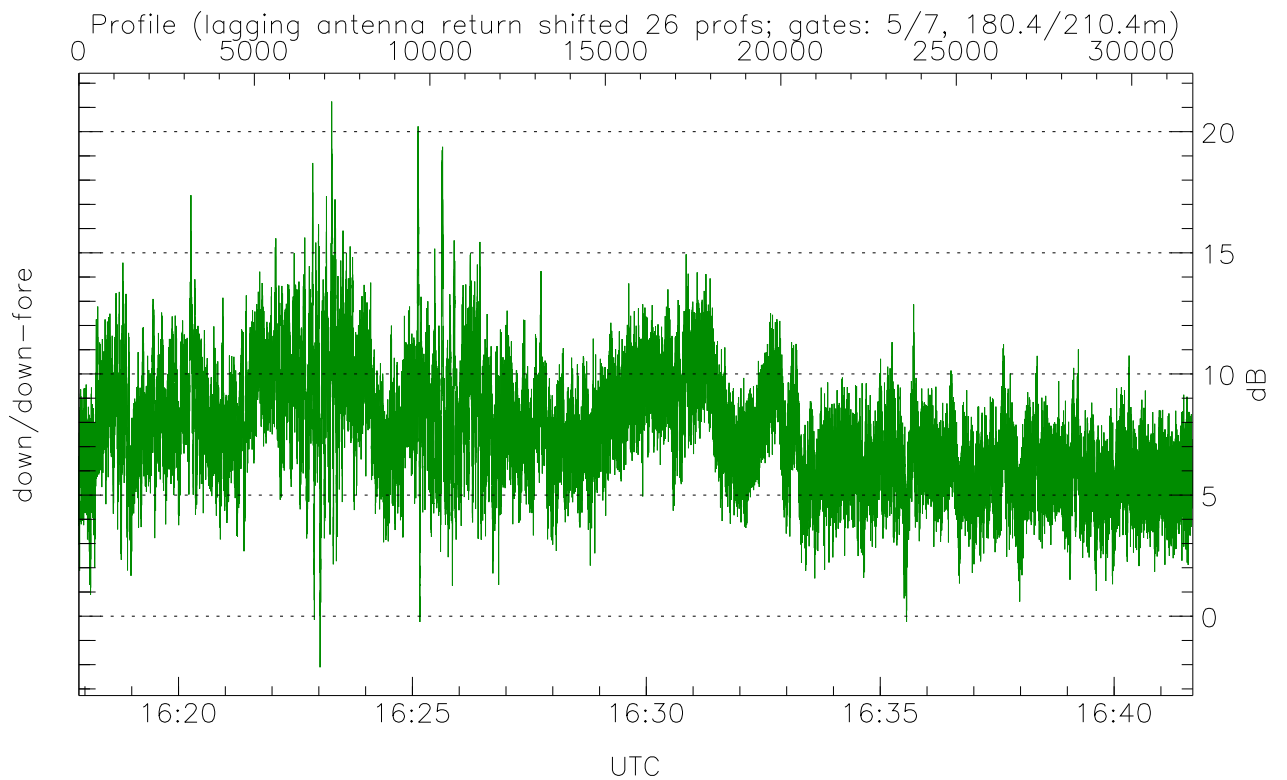
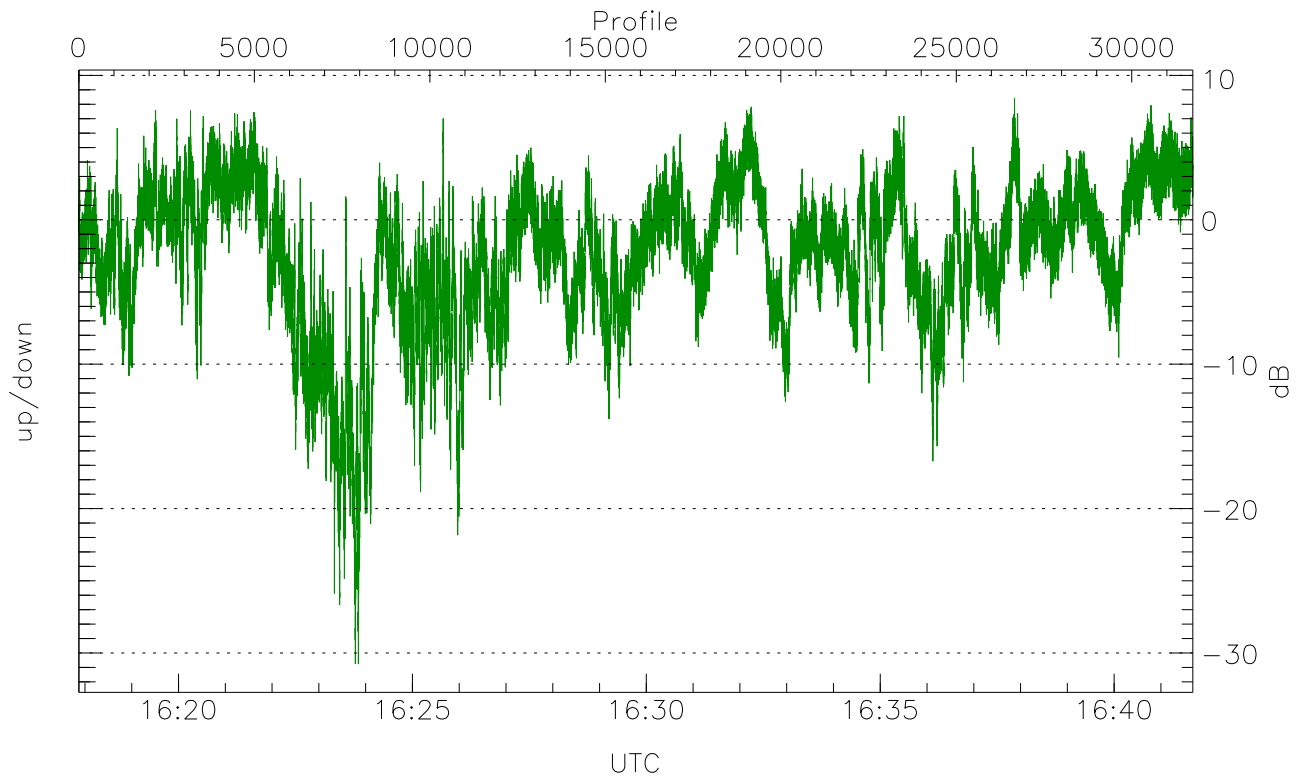


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



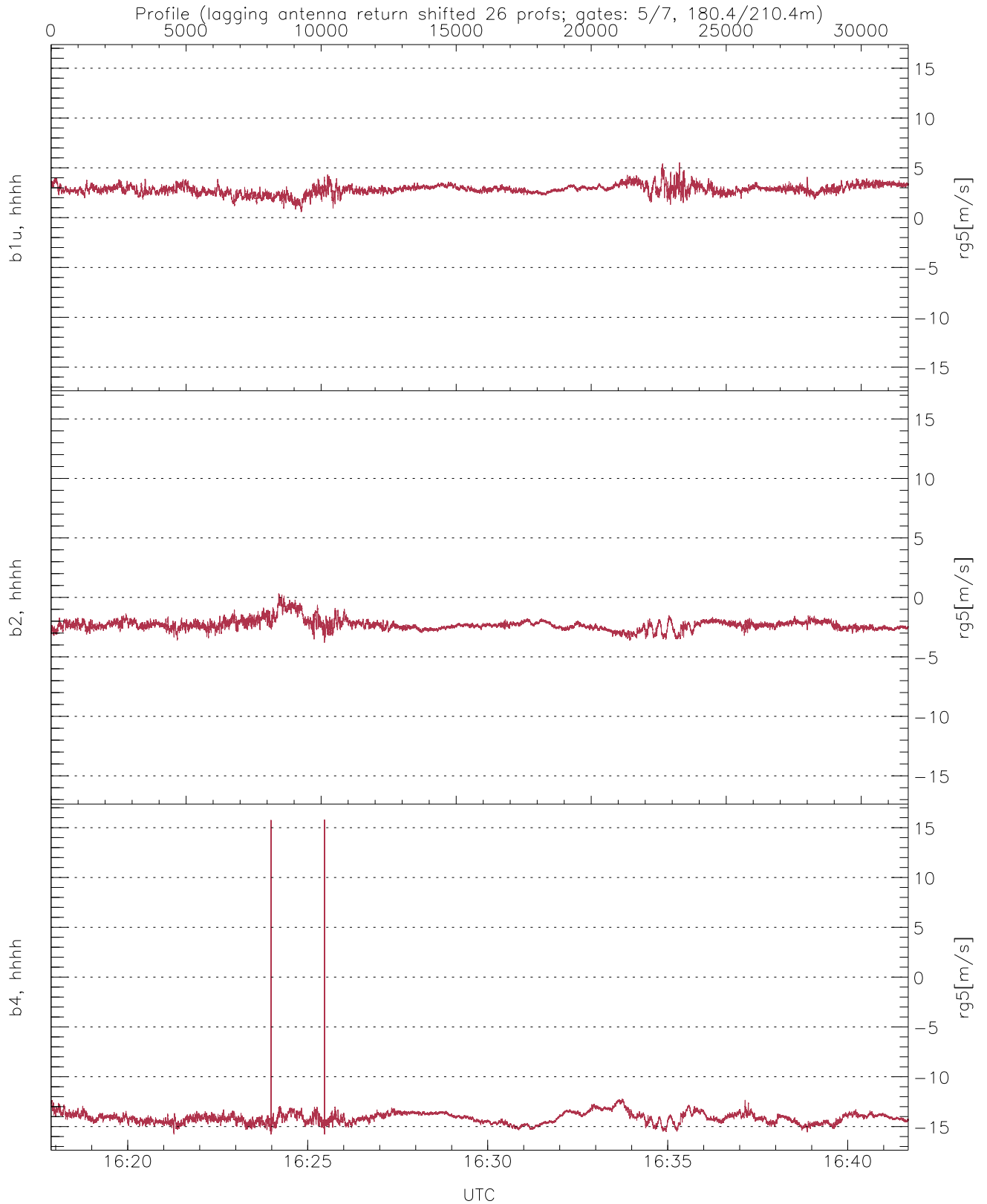
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-49.51	-7.79	-17.79
down(hh[dBm])	-31.73	-8.16	-17.06
down-fore(hh[dBm])	-38.50	-13.02	-22.61



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

	Min	Max	Mean
up/down (dB)	-30.77	8.41	-2.35
down/down-fore (dB)	-2.11	21.24	7.56



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	0.57	5.54	2.84	0.46
b2, hhhh(rg5[m/s])	-3.81	0.33	-2.31	0.44
b4, hhhh(rg5[m/s])	-15.79	15.78	-14.12	0.66