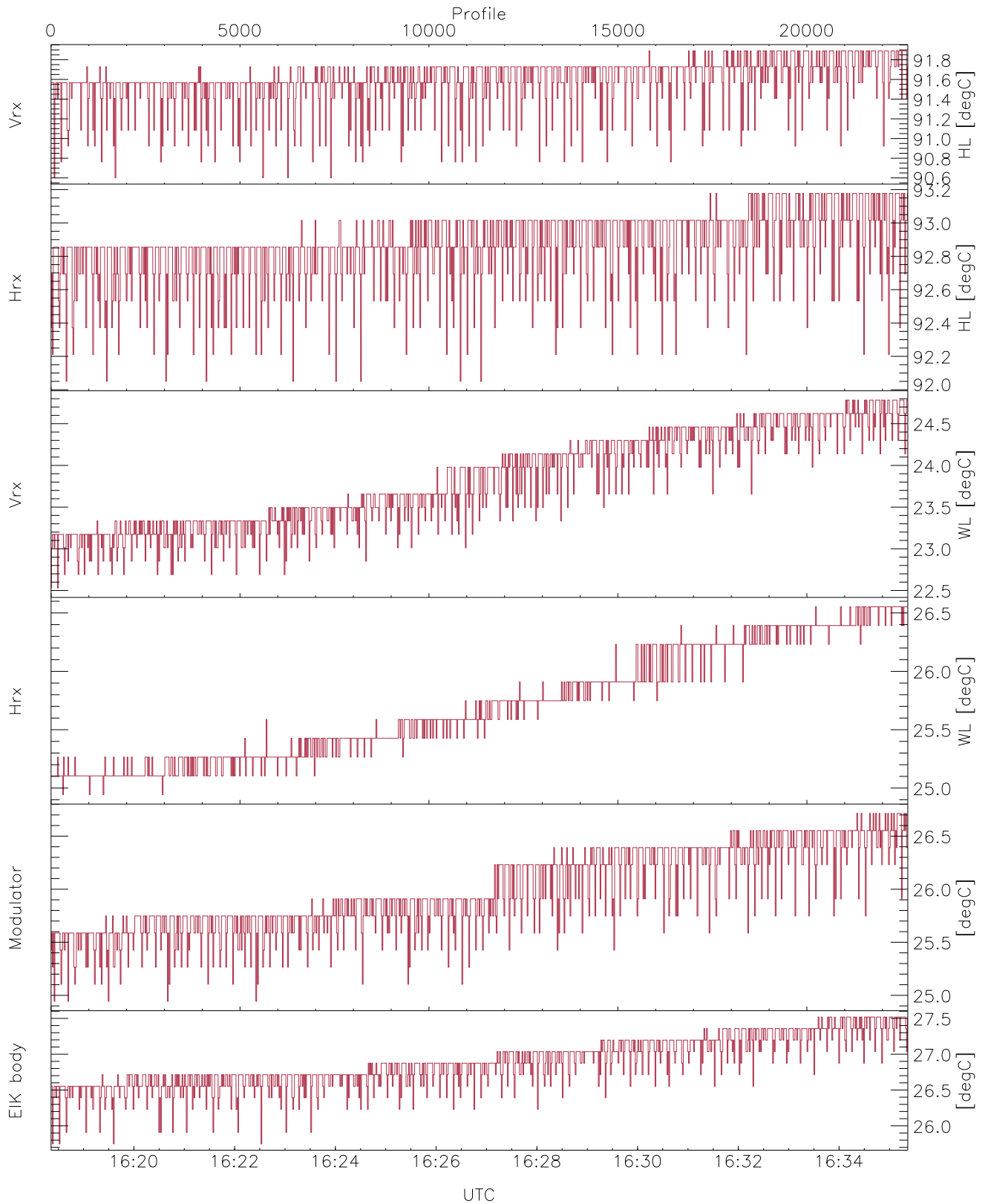


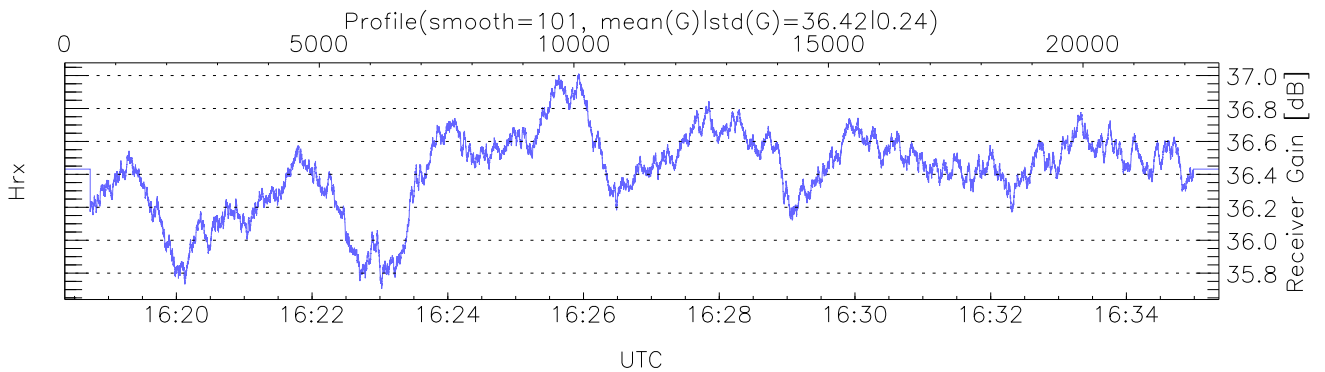
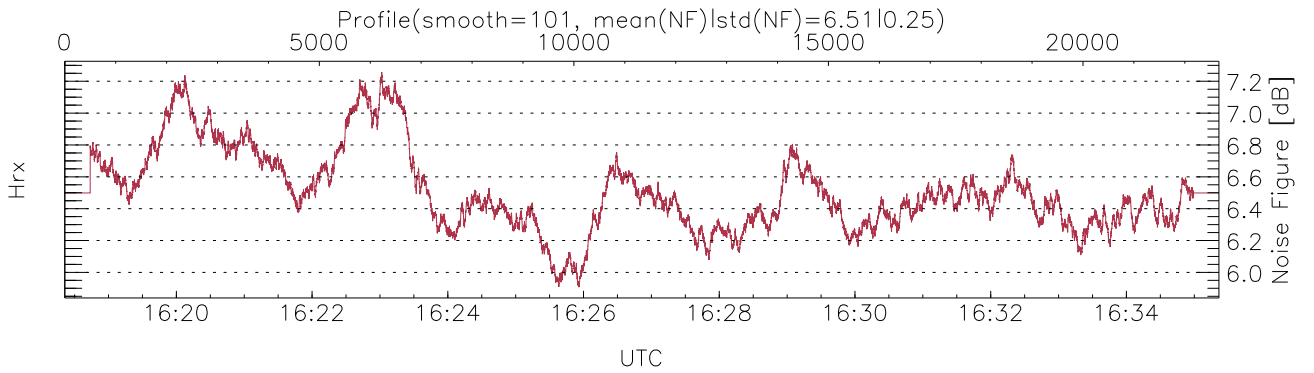
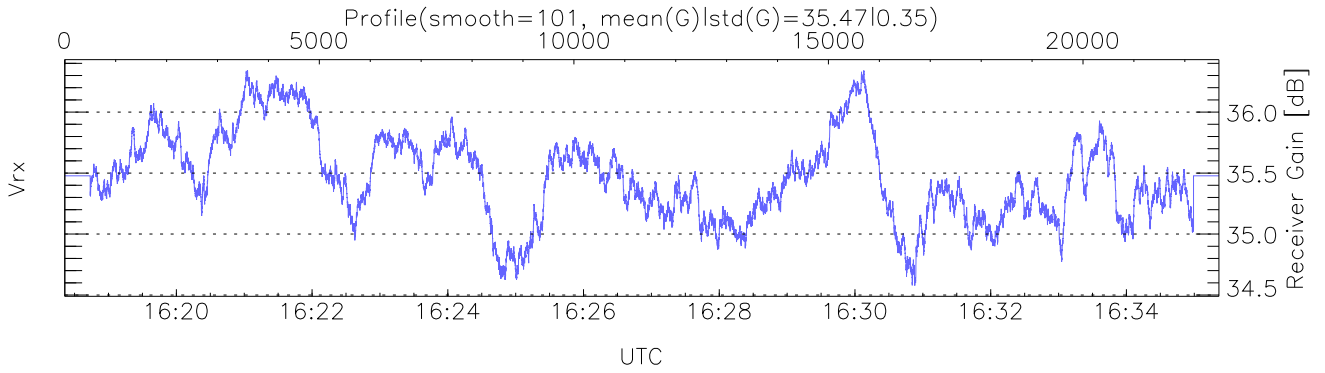
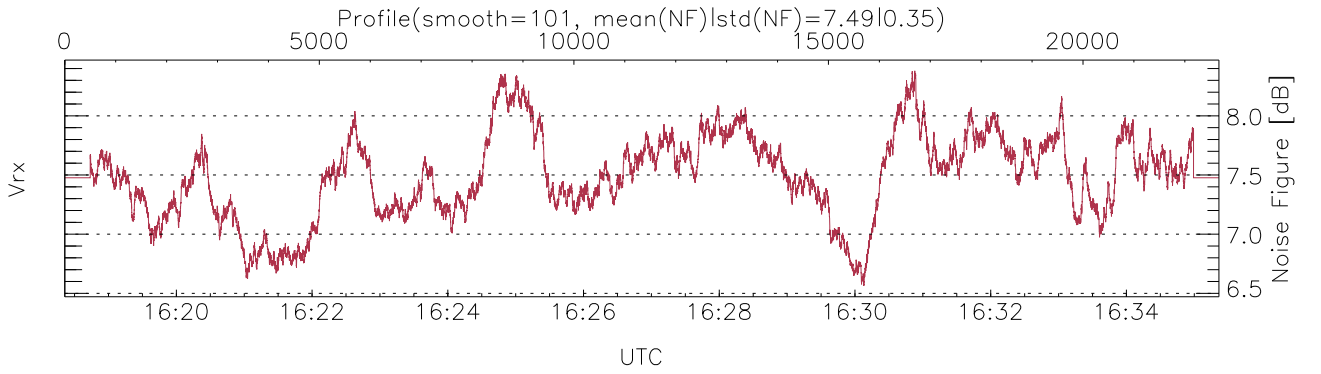
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 16:18:21-16:35:22, 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, 0-22671/16:18:21-16:35:22
 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



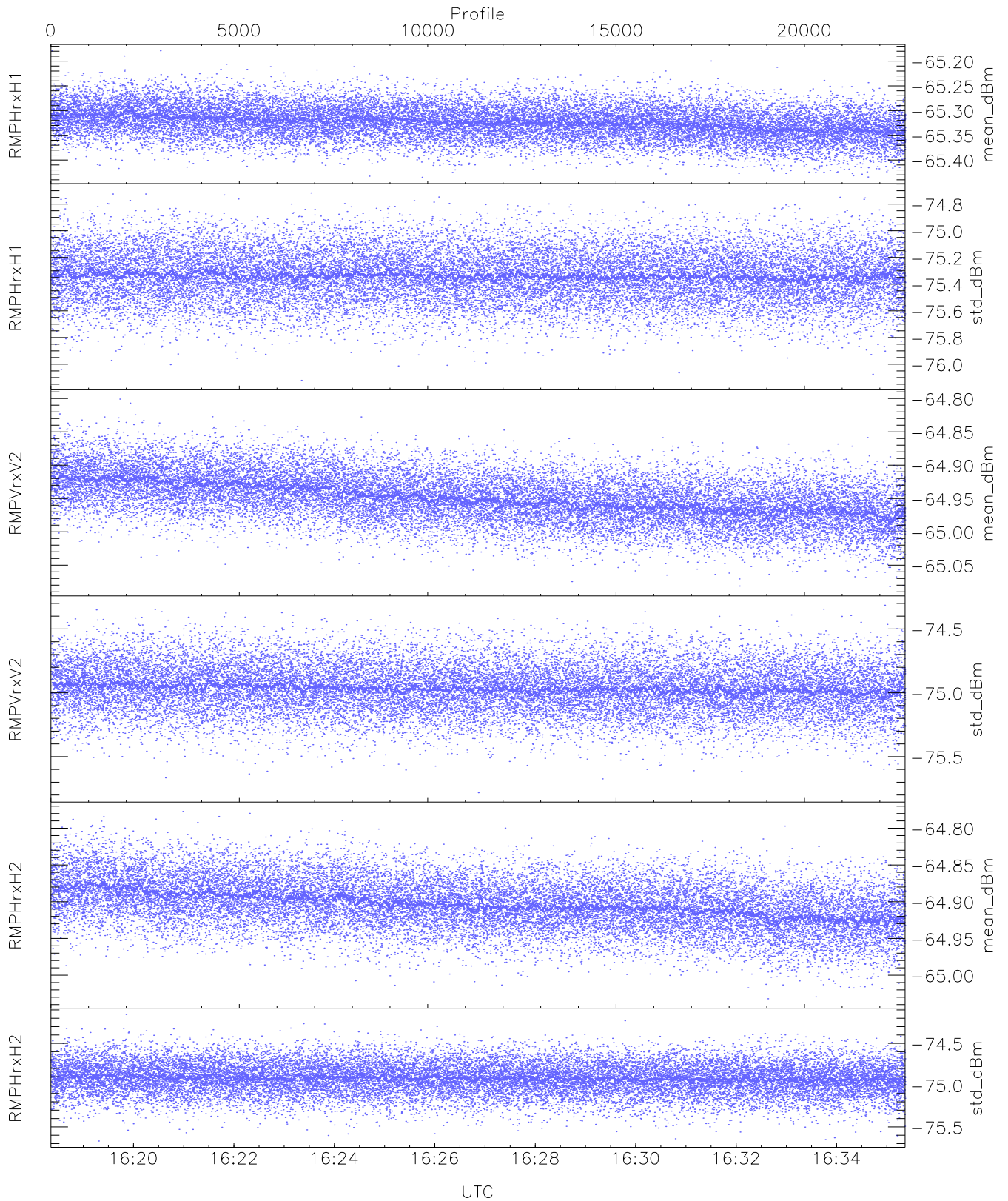
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

```
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,22,24,24,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,24,26,26,27
LOalarm(20,240,2817,14861 MHz): 0,0,22,0
EIK Faults(# prof affected):
DeckF,OverDuty (22,22)
```



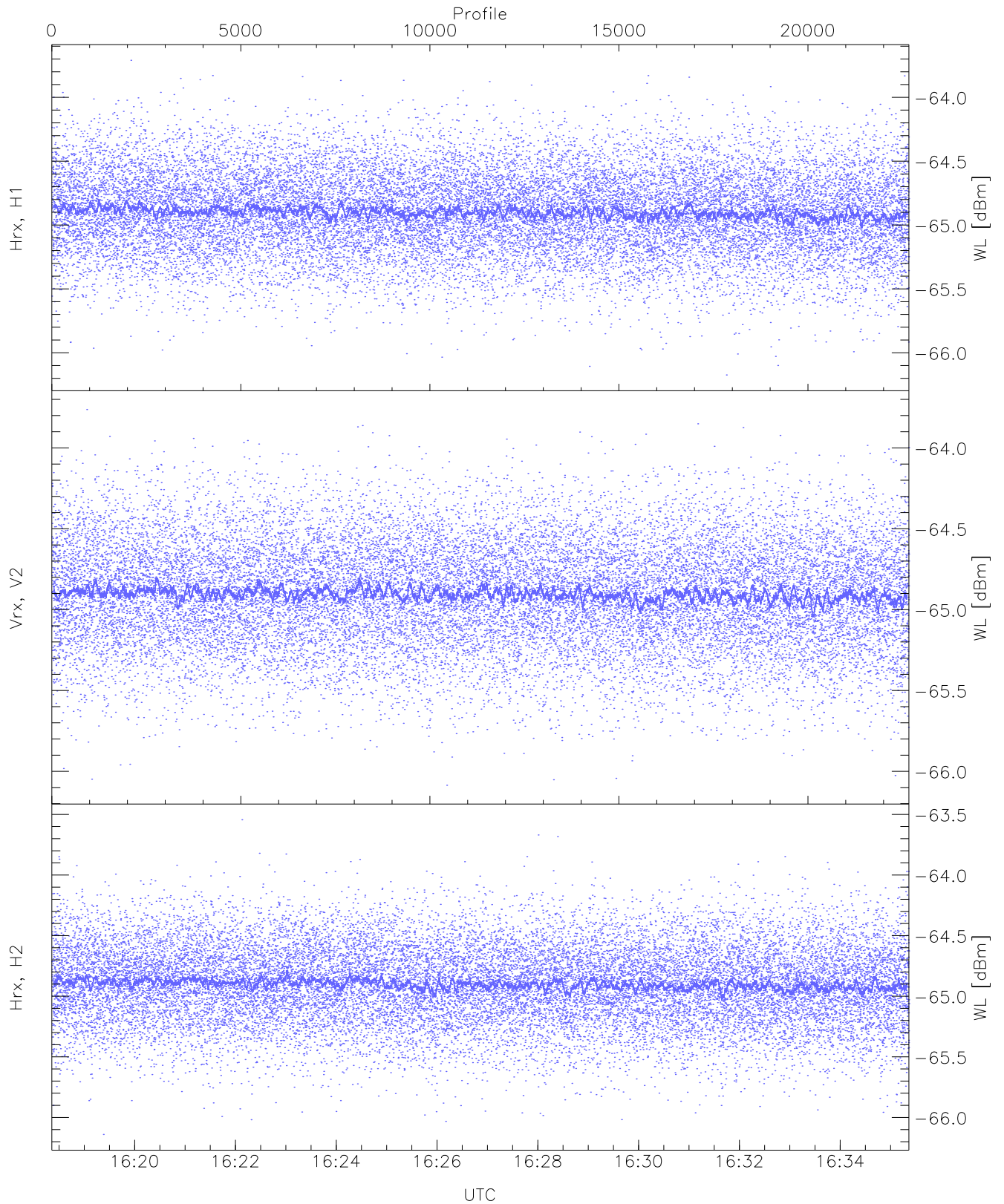
WCR3 CPP Receivers Gain and Noise Figure

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



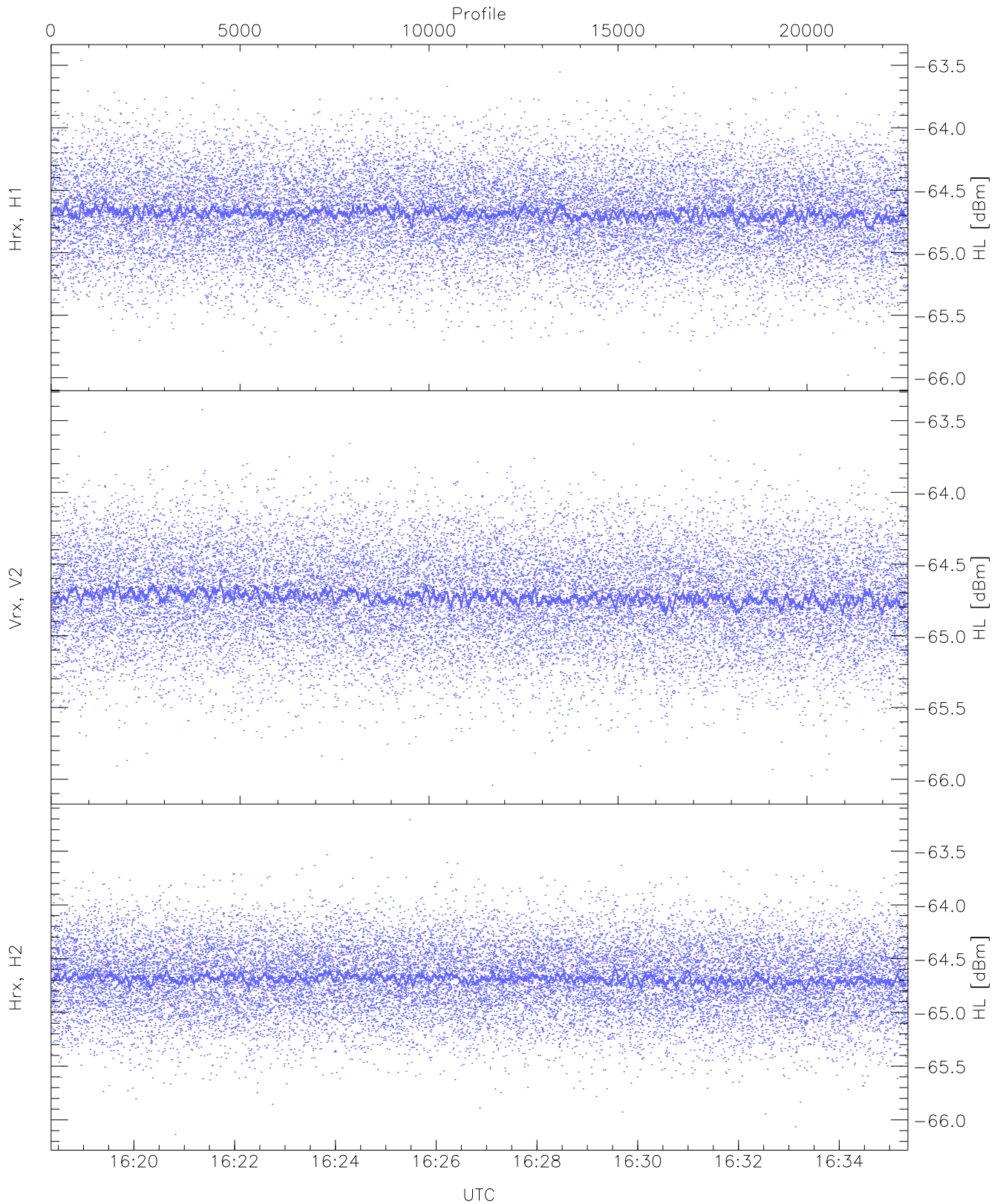
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.43	-65.18	-65.32	-65.32	-86.69
RMPHrxH1(std_dBm)	-76.12	-74.72	-75.34	-75.34	-89.11
RMPVrxV2(mean_dBm)	-65.08	-64.80	-64.95	-64.95	-85.86
RMPVrxV2(std_dBm)	-75.78	-74.31	-74.97	-74.97	-88.76
RMPHrxH2(mean_dBm)	-65.03	-64.78	-64.90	-64.90	-86.10
RMPHrxH2(std_dBm)	-75.67	-74.15	-74.92	-74.92	-88.70



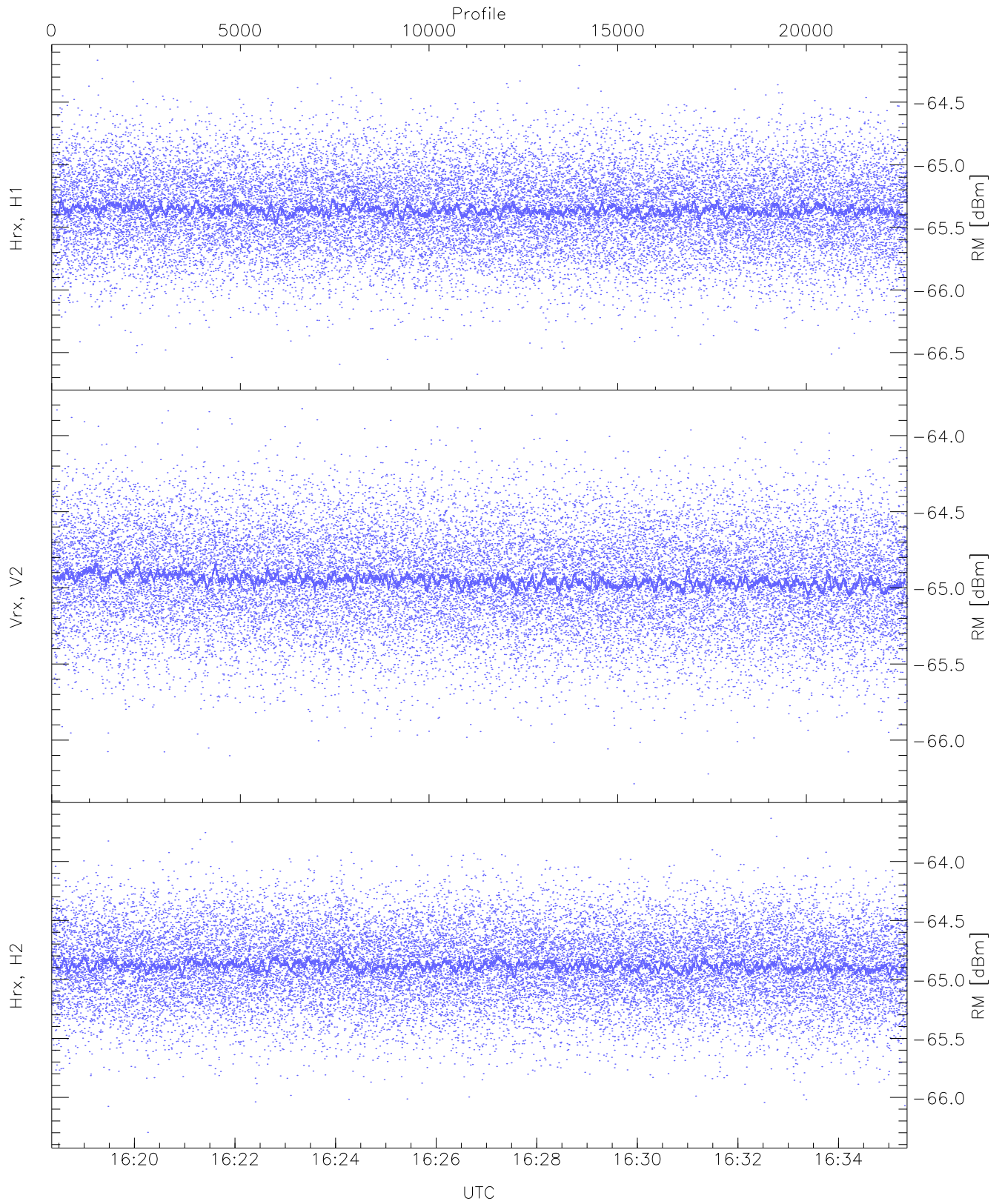
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.17	-63.71	-64.89	-64.90	-76.41
Vrx, V2 (WL [dBm])	-66.09	-63.76	-64.90	-64.90	-76.40
Hrx, H2 (WL [dBm])	-66.14	-63.54	-64.89	-64.90	-76.40



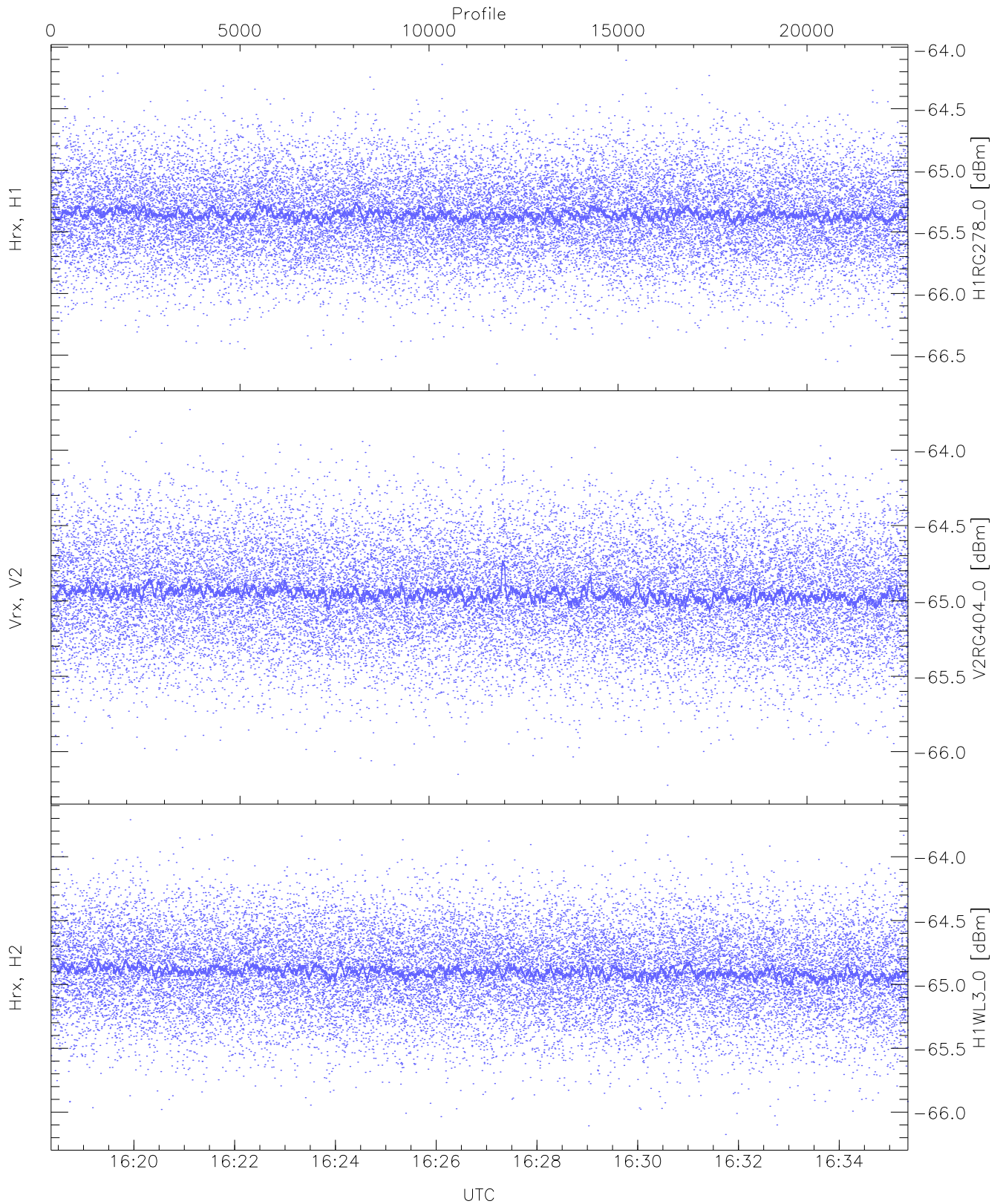
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.98	-63.46	-64.68	-64.69	-76.16
Vrx, V2 (HL [dBm])	-66.04	-63.42	-64.72	-64.73	-76.23
Hrx, H2 (HL [dBm])	-66.14	-63.21	-64.68	-64.69	-76.13



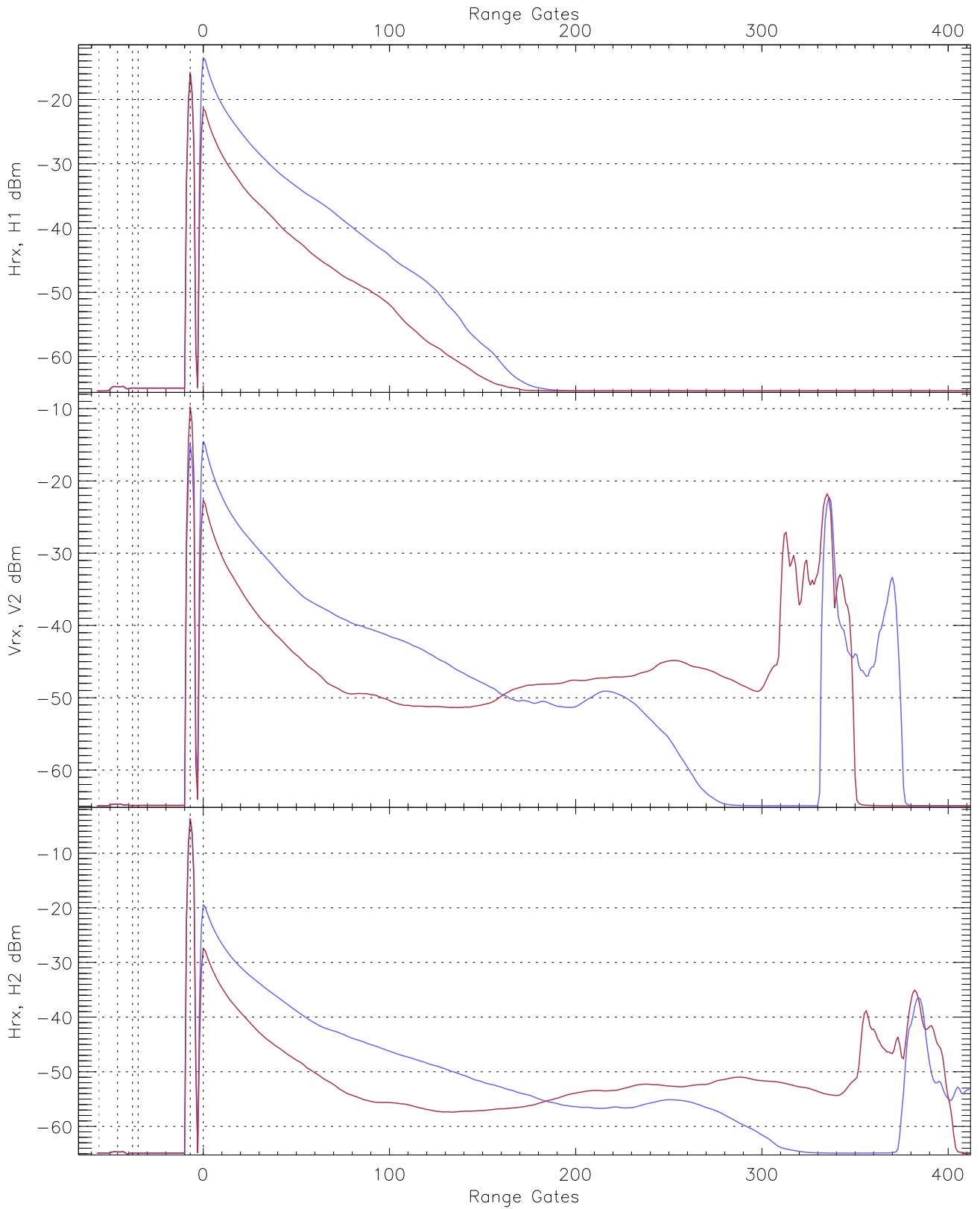
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.67	-64.16	-65.35	-65.36	-76.84
Vrx, V2 (RM [dBm])	-66.29	-63.82	-64.94	-64.95	-76.45
Hrx, H2 (RM [dBm])	-66.30	-63.63	-64.88	-64.88	-76.38

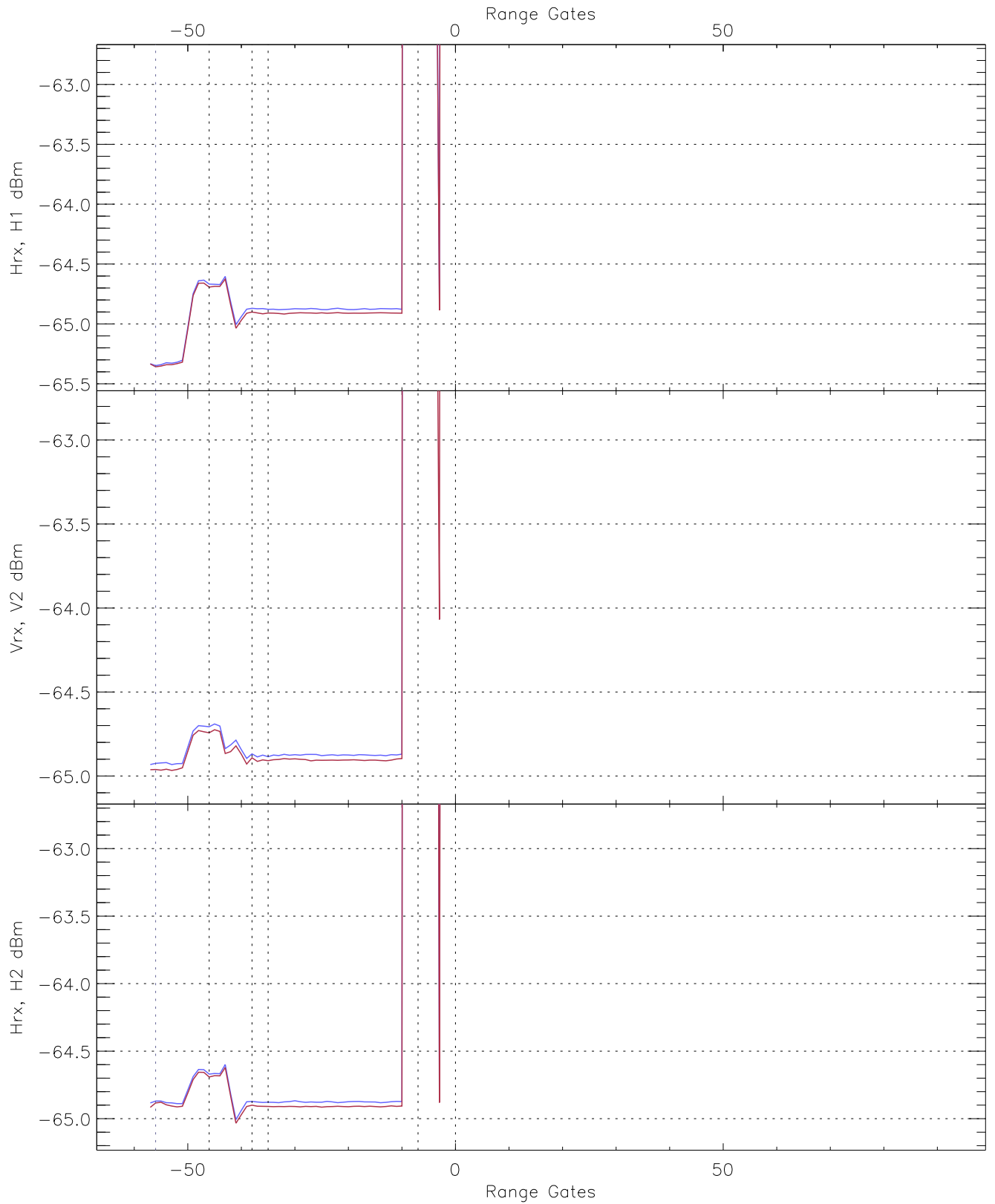


WCR3 CPP "Best" estimate Receivers Noise Power

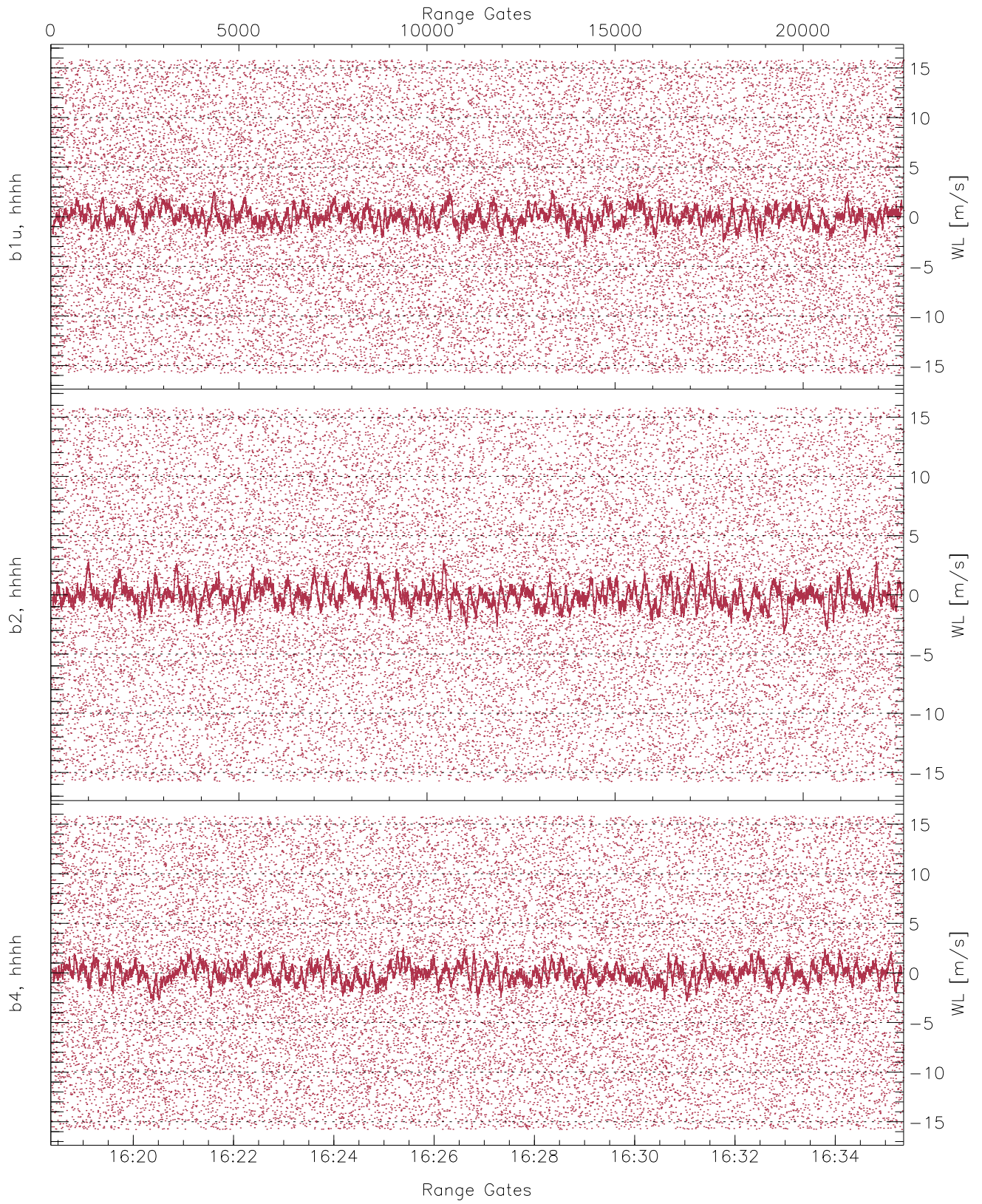
	Min	Max	Mean	Median	StDev
H1RG278_0 [dBm]	-66.66	-64.11	-65.35	-65.36	-76.86
V2RG404_0 [dBm]	-66.22	-63.73	-64.95	-64.95	-76.45
H1WL3_0 [dBm]	-66.17	-63.71	-64.89	-64.90	-76.41



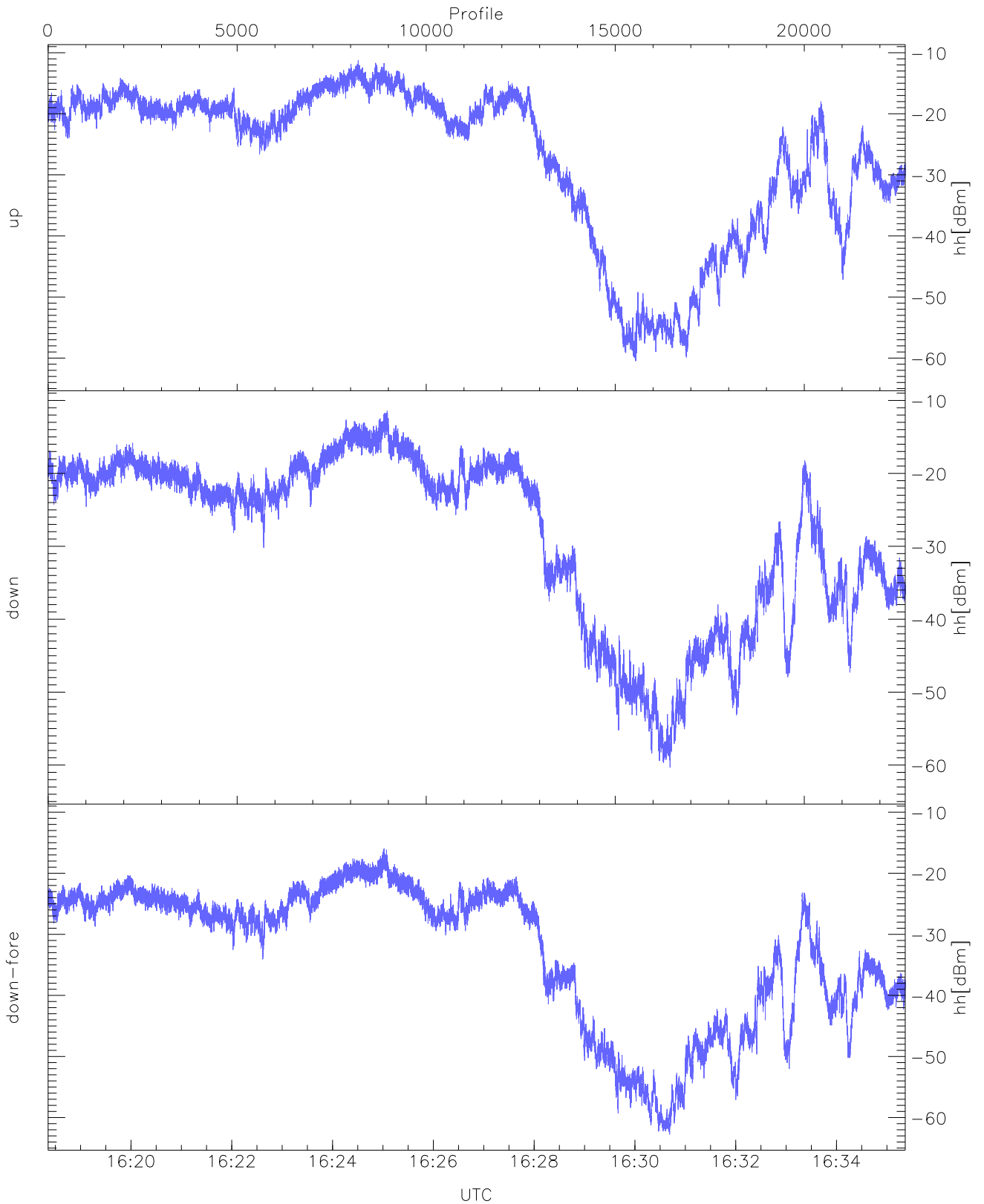
WCR3 CPP Averaged Received power for all recorded gates
blue: 161821-162652, 11337 profiles averaged
red: 162652-163522, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 161821-162652, 11337 profiles averaged
red: 162652-163522, 11336 profiles averaged

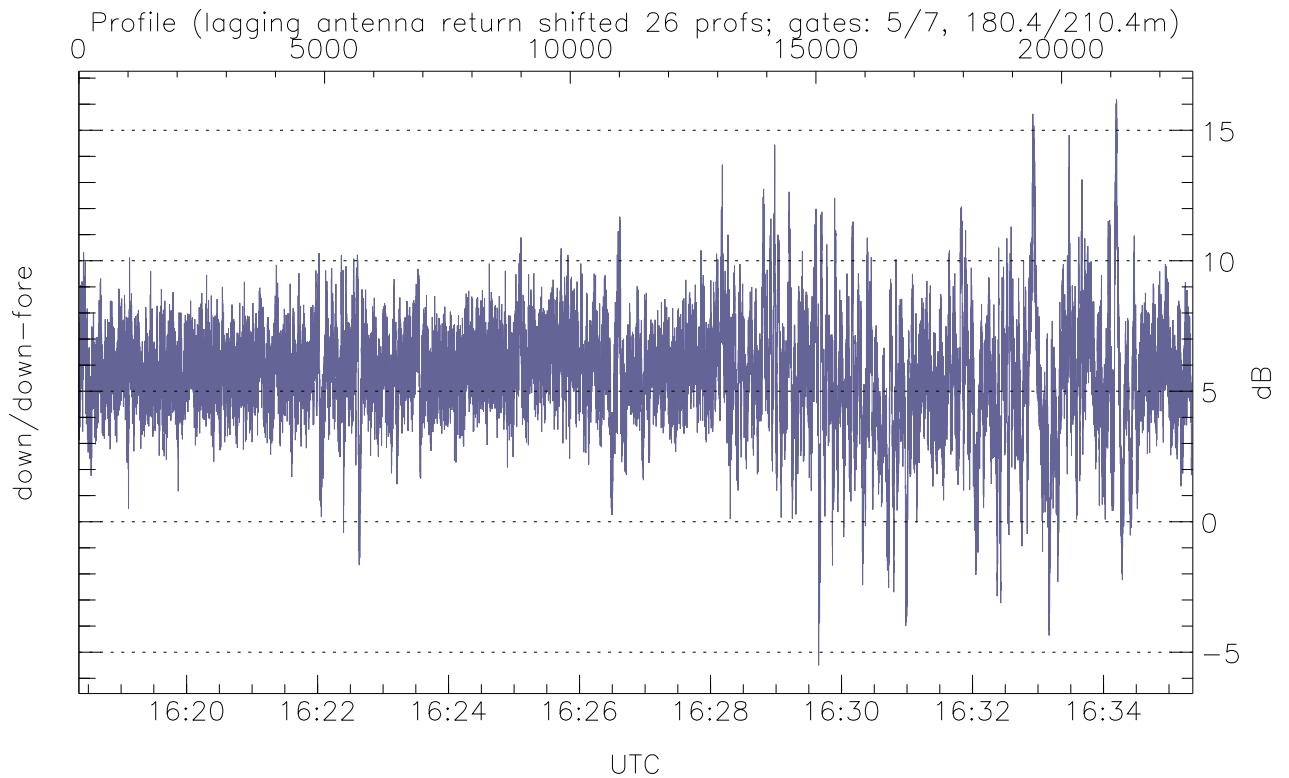
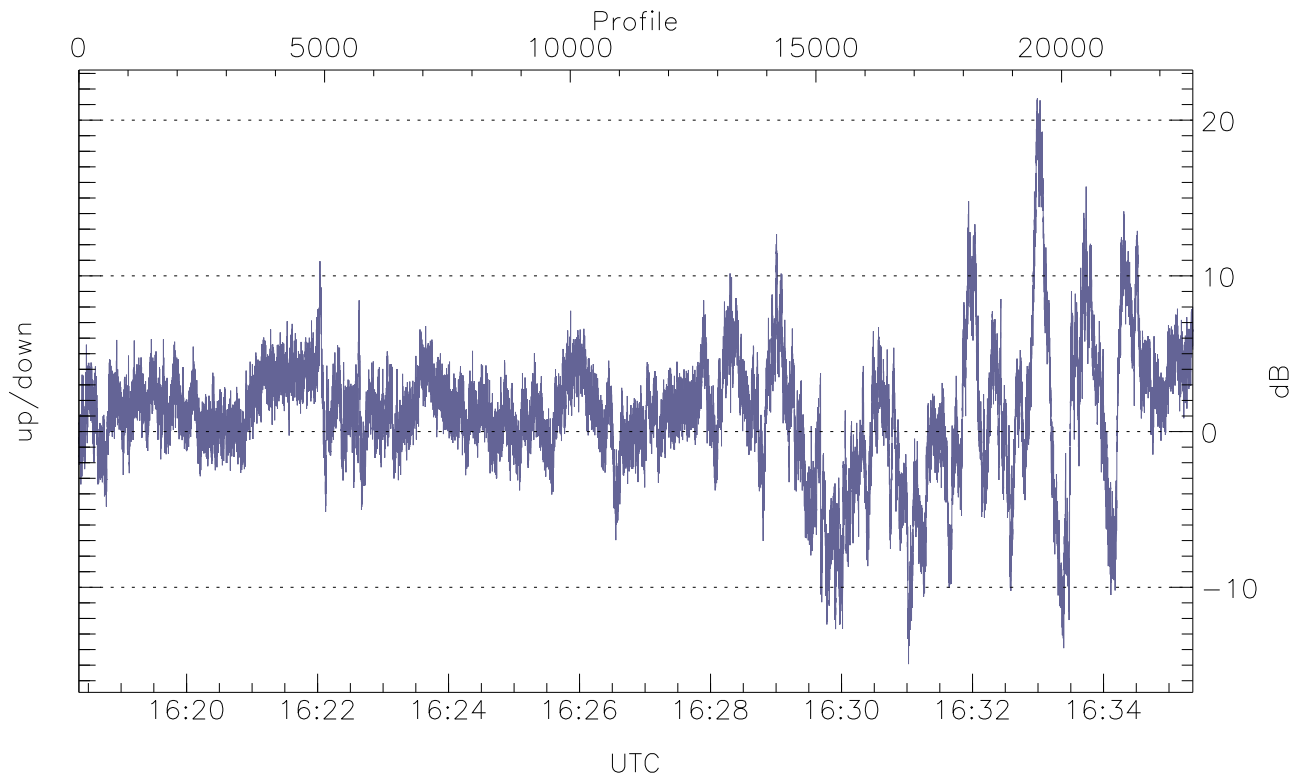


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



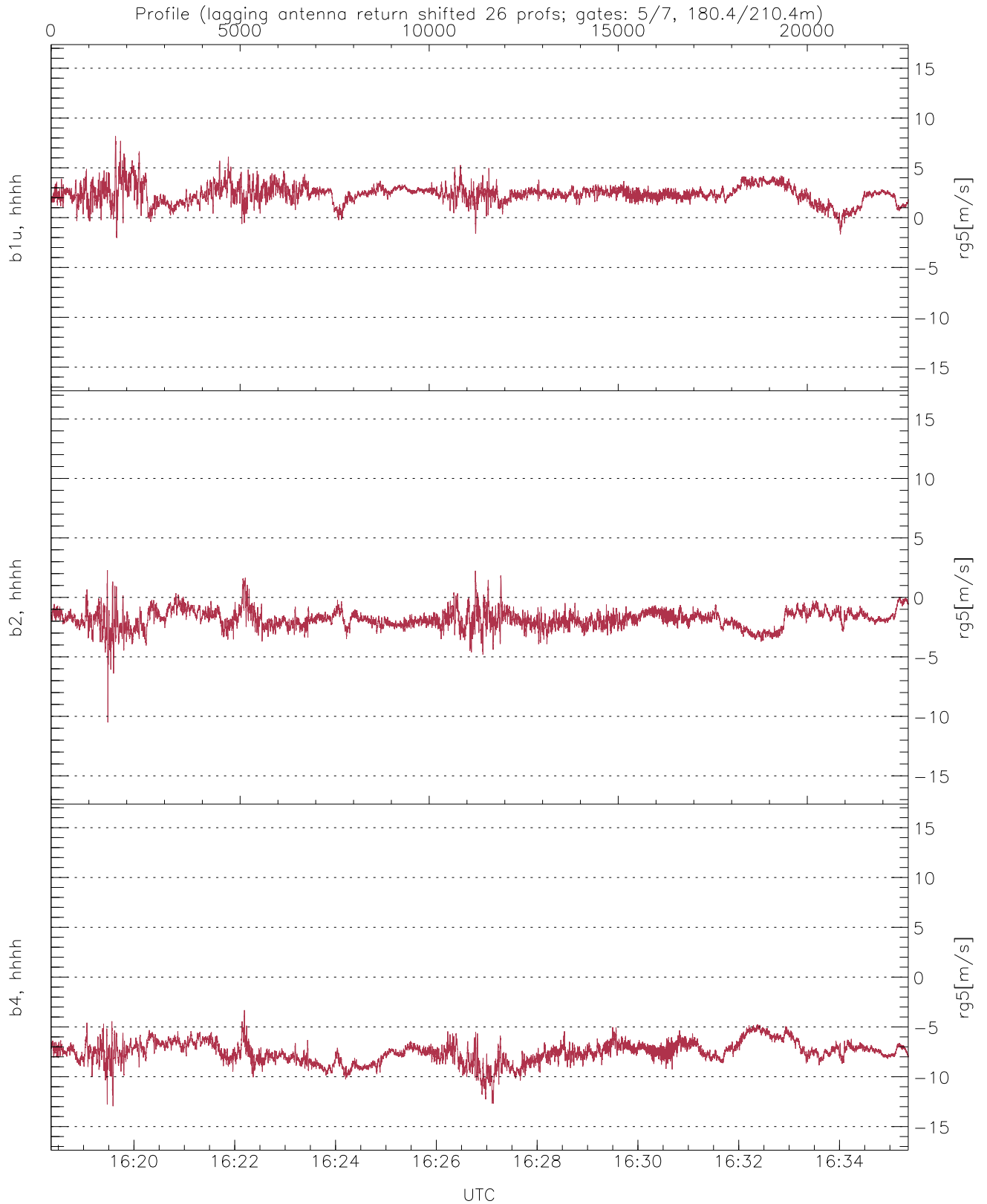
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-60.49	-11.24	-19.94
down(hh[dBm])	-60.33	-11.43	-21.28
down-fore(hh[dBm])	-62.77	-15.97	-25.78



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

	Min	Max	Mean
up/down (dB)	-14.93	21.40	1.24
down/down-fore (dB)	-5.50	16.18	5.65



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-2.04	8.17	2.34	0.93
b2, hhhh(rg5[m/s])	-10.51	2.29	-1.82	0.78
b4, hhhh(rg5[m/s])	-12.96	-3.32	-7.54	1.07