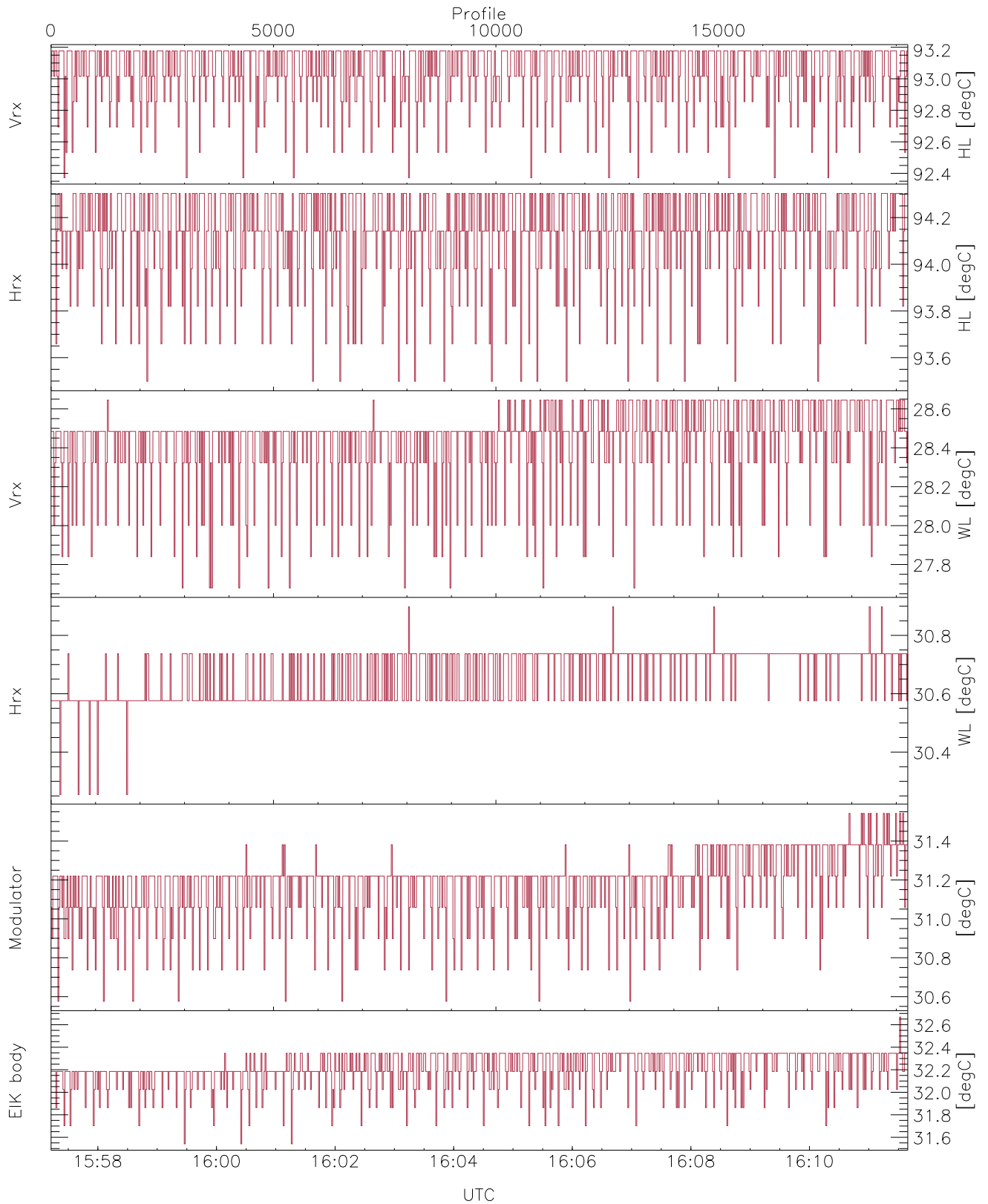


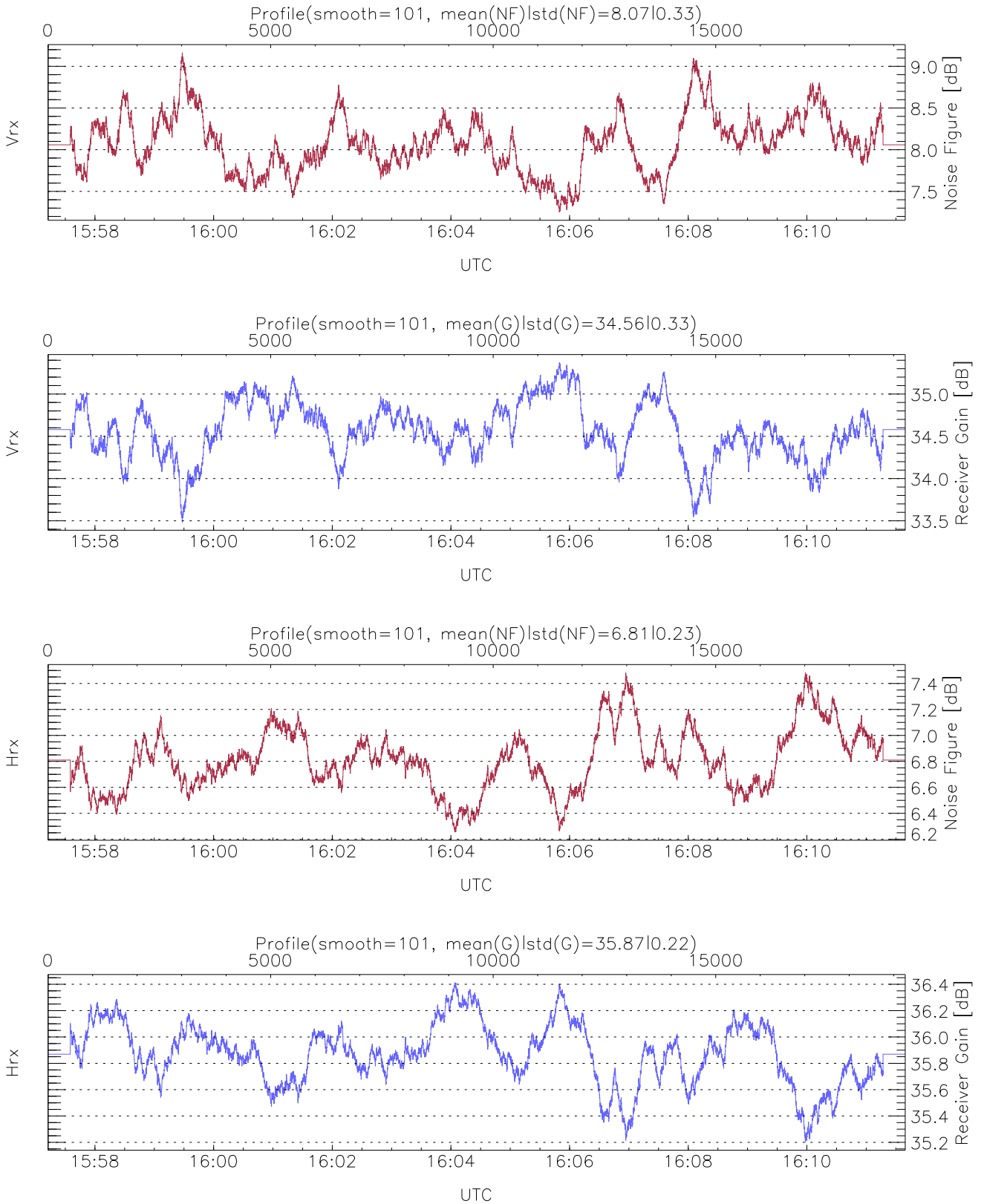
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 15:57:13-16:11:39, TimeCor: 0.00s, Dur: 866.87s
 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): 19260/19260, 0-19259/15:57:13-16:11:39
 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



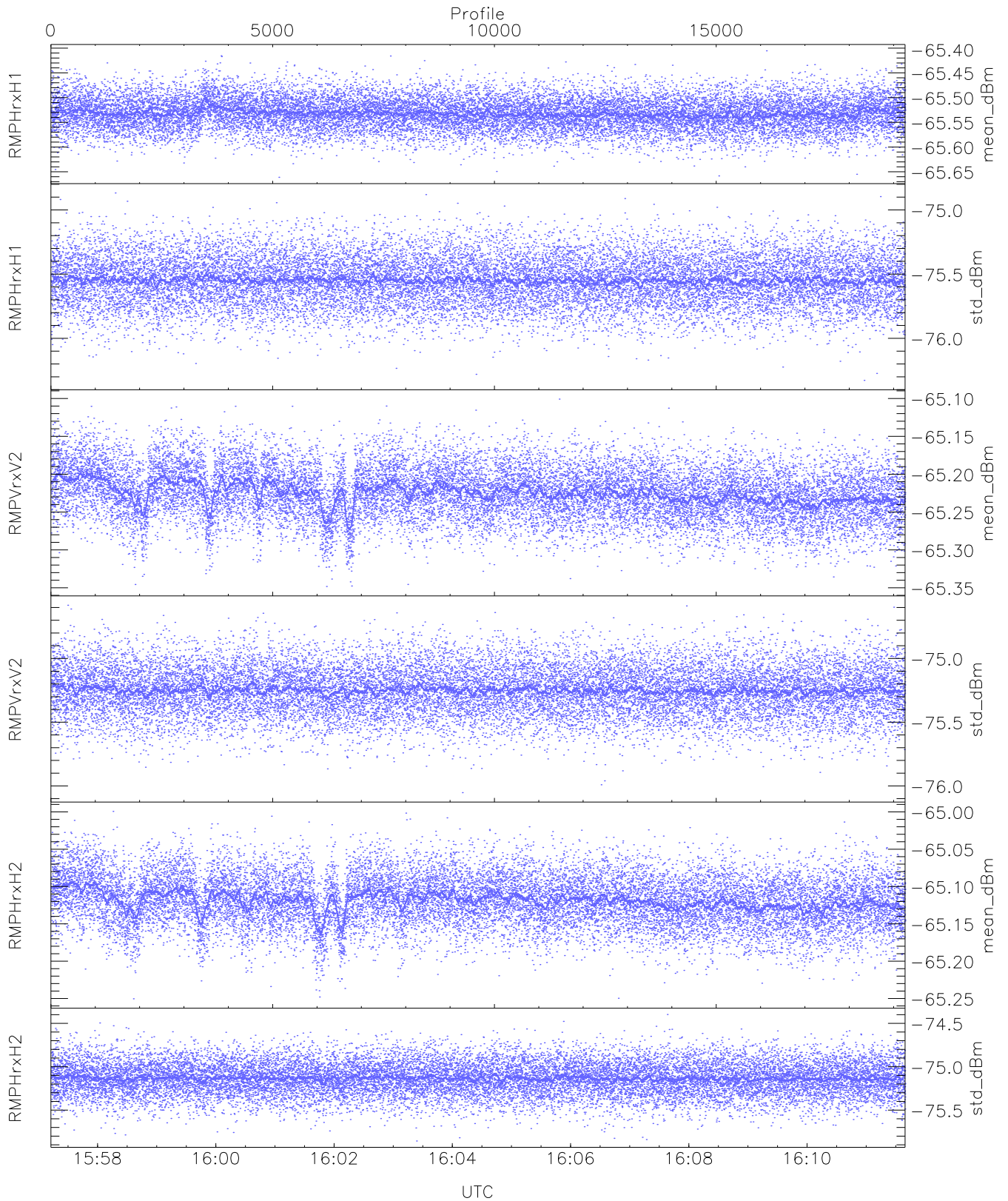
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

```
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,27,30,30,31
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,28,30,31,32
LOalarm(20,240,2817,14861 MHz): None
EIK Faults(# prof affected):
BodyCurr,DeckF (22,22)
```



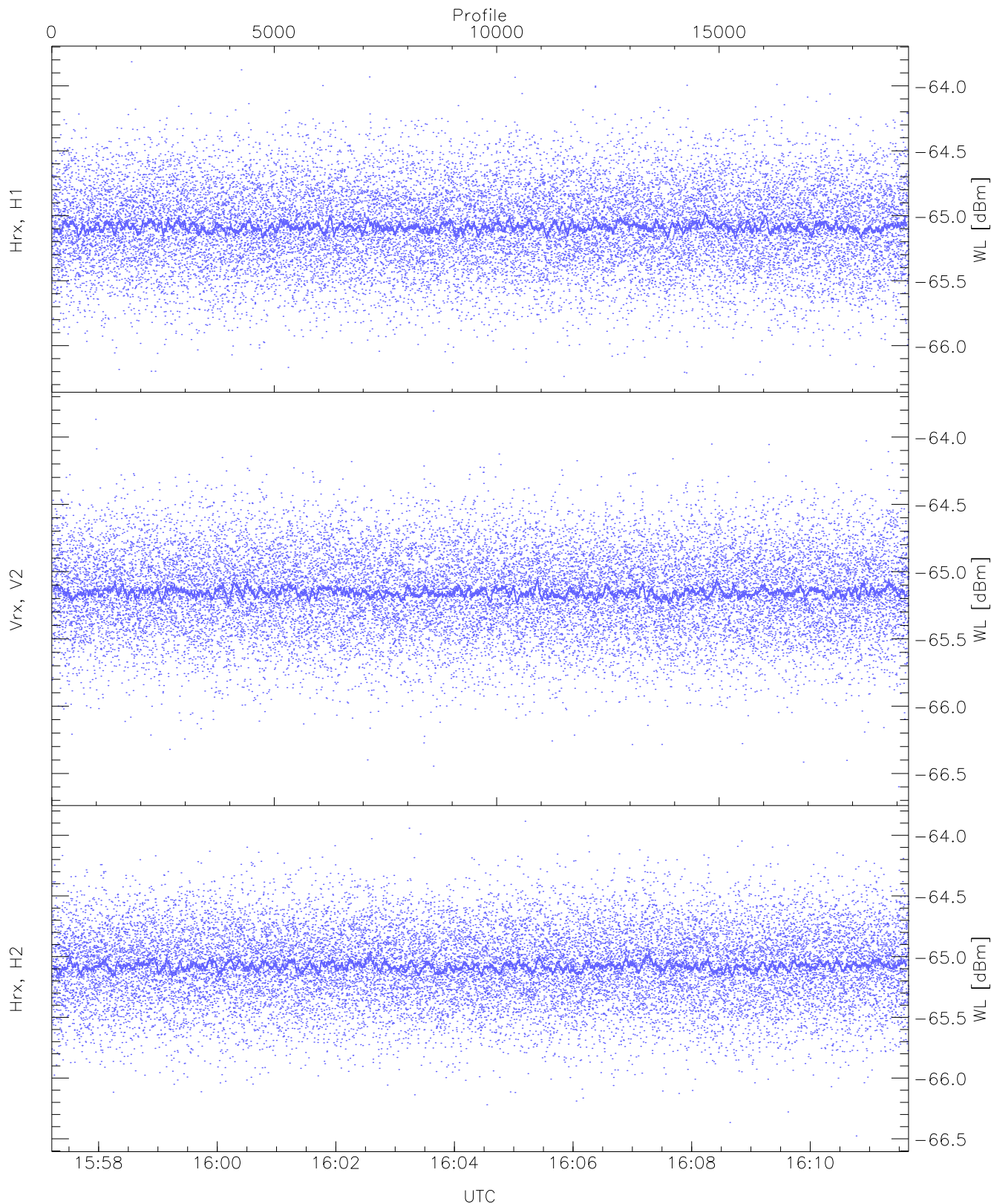
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 2 pixs, 1 gates, 2 profs, 1 prod(s)



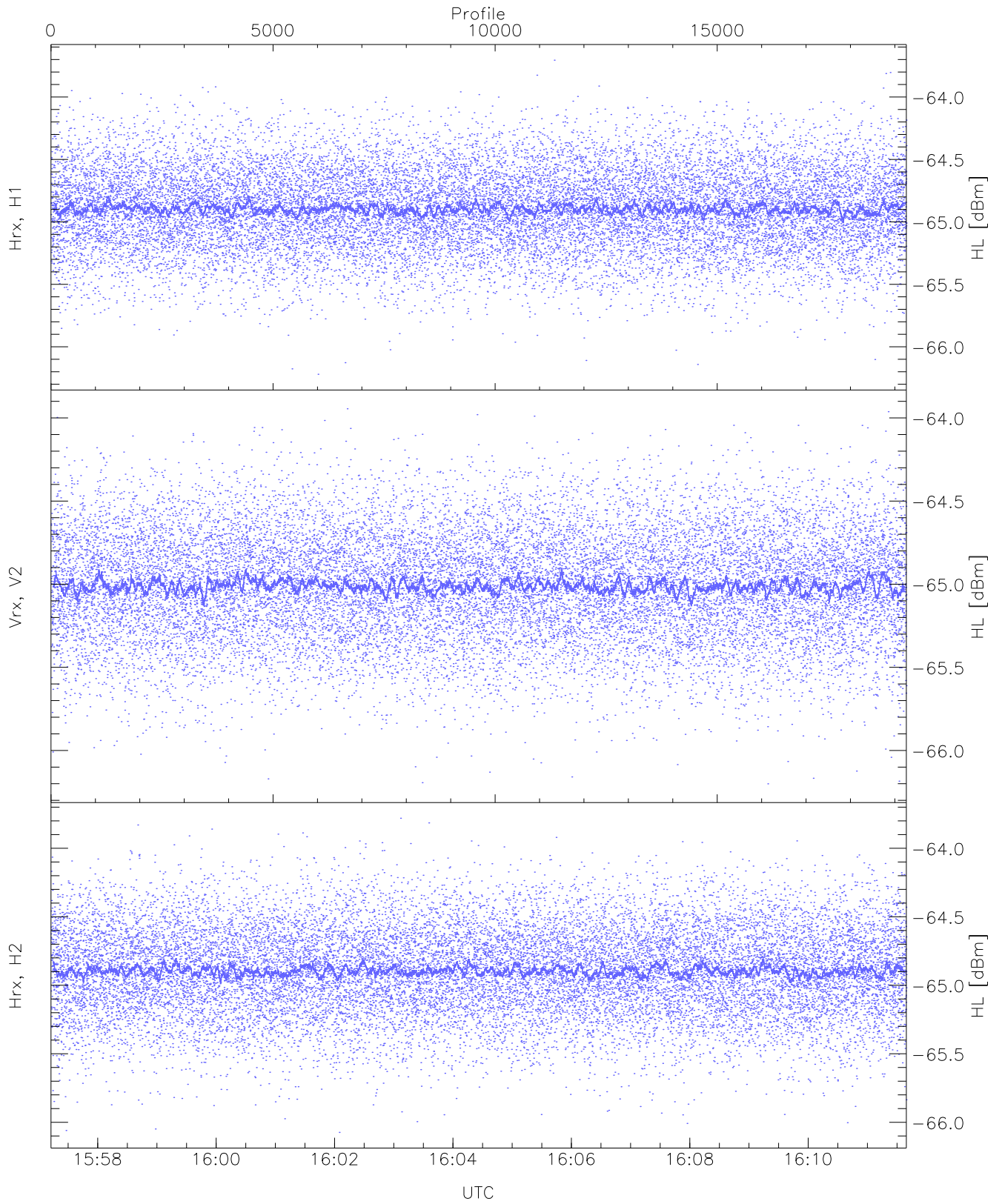
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.66	-65.41	-65.53	-65.53	-87.05
RMPHrxH1(std_dBm)	-76.33	-74.87	-75.55	-75.55	-89.35
RMPVrxV2(mean_dBm)	-65.35	-65.10	-65.22	-65.22	-86.44
RMPVrxV2(std_dBm)	-76.05	-74.58	-75.25	-75.25	-89.03
RMPHrxH2(mean_dBm)	-65.25	-65.00	-65.12	-65.12	-86.44
RMPHrxH2(std_dBm)	-75.86	-74.40	-75.13	-75.13	-88.94



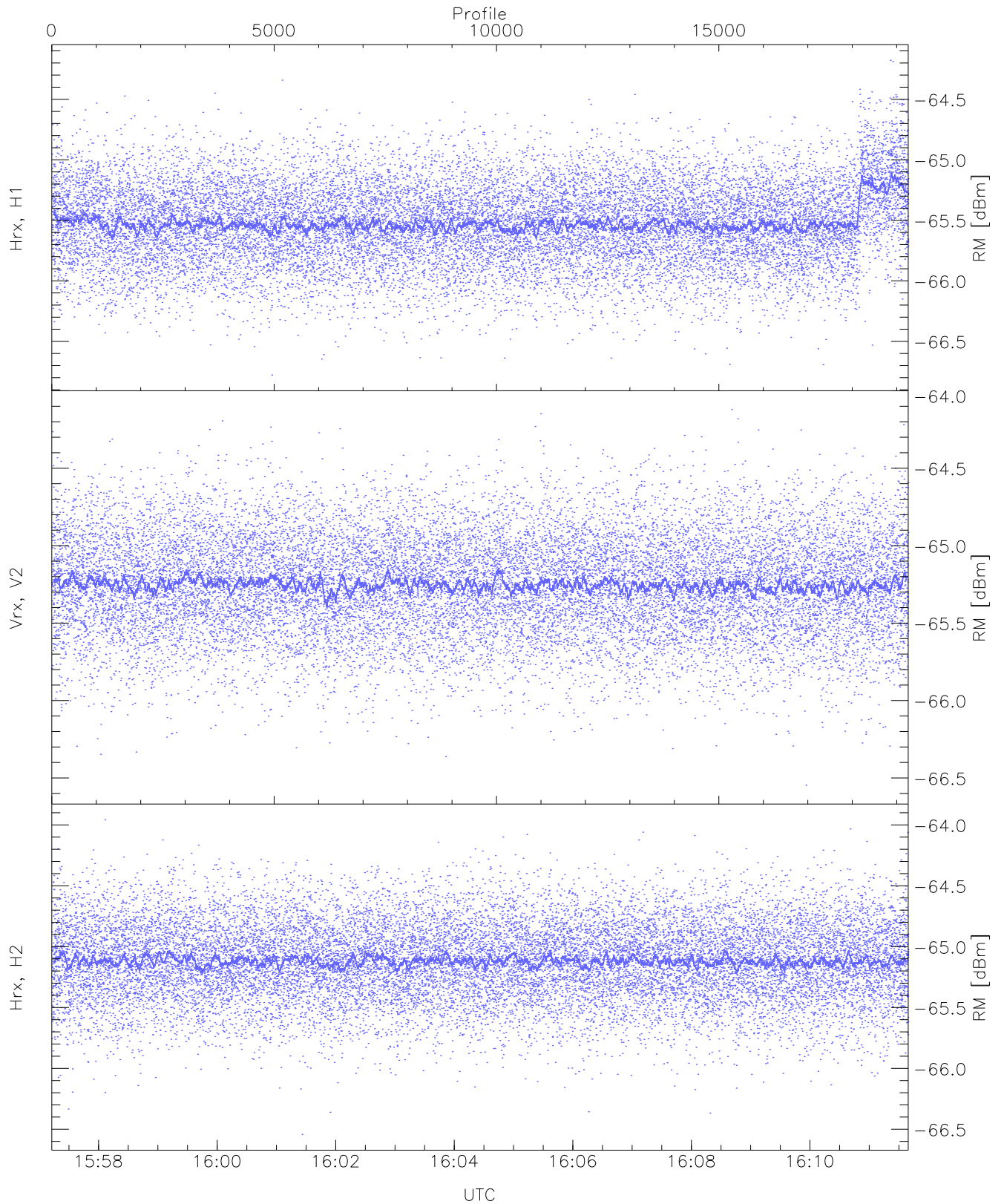
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.24	-63.81	-65.08	-65.09	-76.54
Vrx, V2 (WL [dBm])	-66.60	-63.81	-65.15	-65.15	-76.67
Hrx, H2 (WL [dBm])	-66.48	-63.88	-65.07	-65.07	-76.58



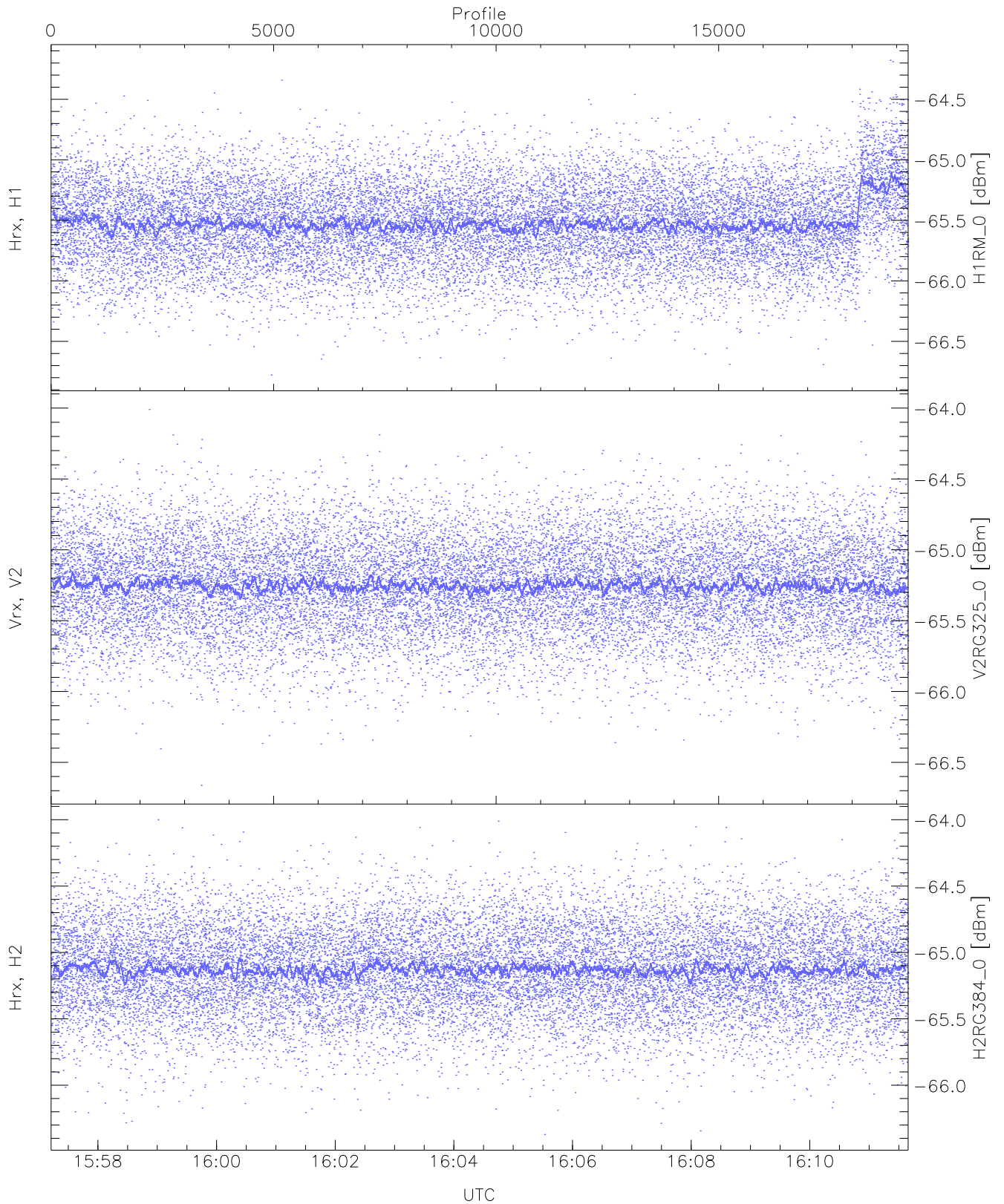
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.22	-63.71	-64.89	-64.90	-76.39
Vrx, V2 (HL [dBm])	-66.20	-63.94	-65.00	-65.01	-76.53
Hrx, H2 (HL [dBm])	-66.07	-63.78	-64.89	-64.89	-76.44



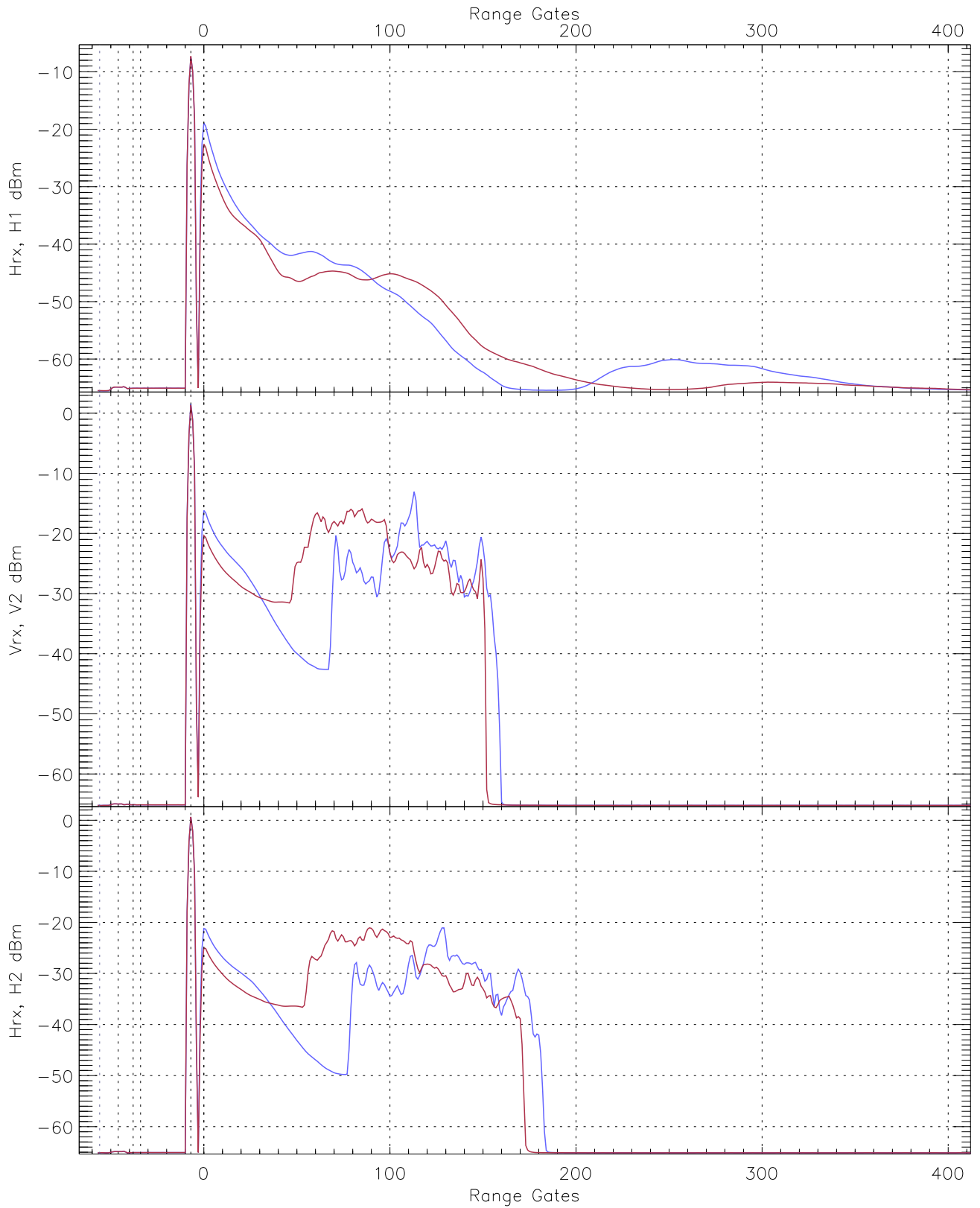
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.78	-64.18	-65.51	-65.52	-76.84
Vrx, V2 (RM [dBm])	-66.55	-64.12	-65.25	-65.25	-76.78
Hrx, H2 (RM [dBm])	-66.54	-63.96	-65.11	-65.12	-76.65

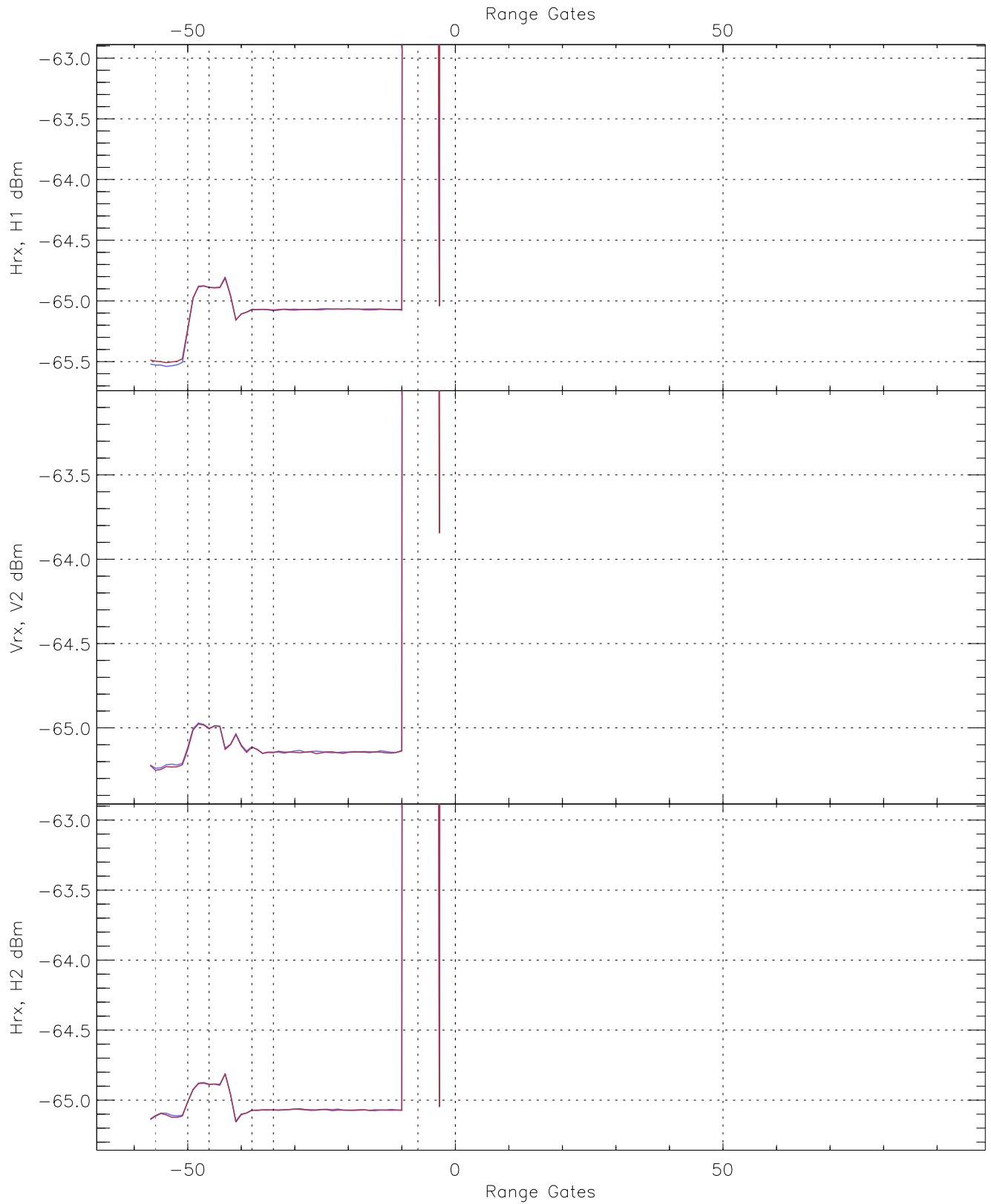


WCR3 CPP "Best" estimate Receivers Noise Power

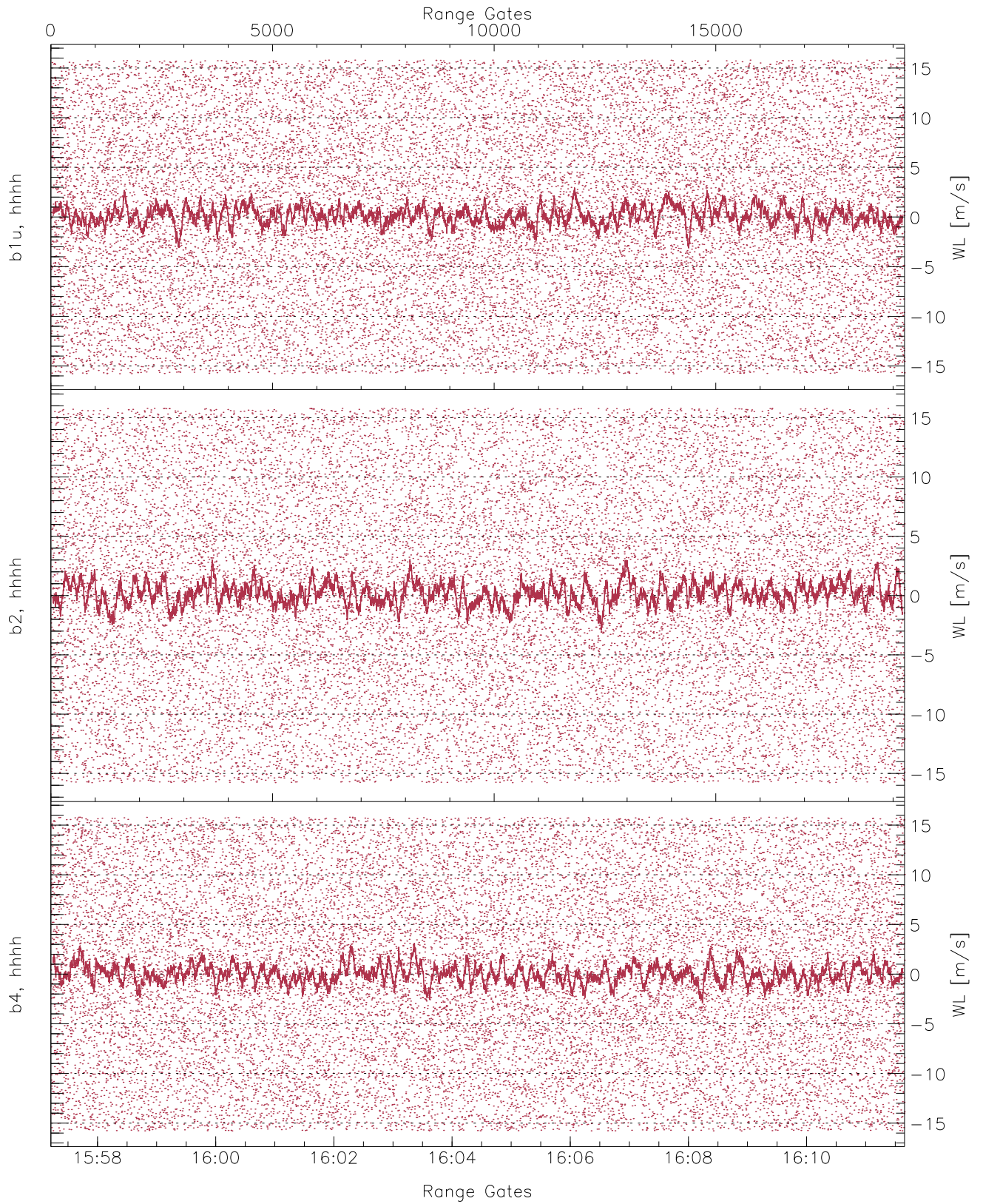
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-66.78	-64.18	-65.51	-65.52	-76.84
V2RG325_0 [dBm]	-66.66	-64.01	-65.25	-65.25	-76.78
H2RG384_0 [dBm]	-66.37	-64.00	-65.12	-65.13	-76.63



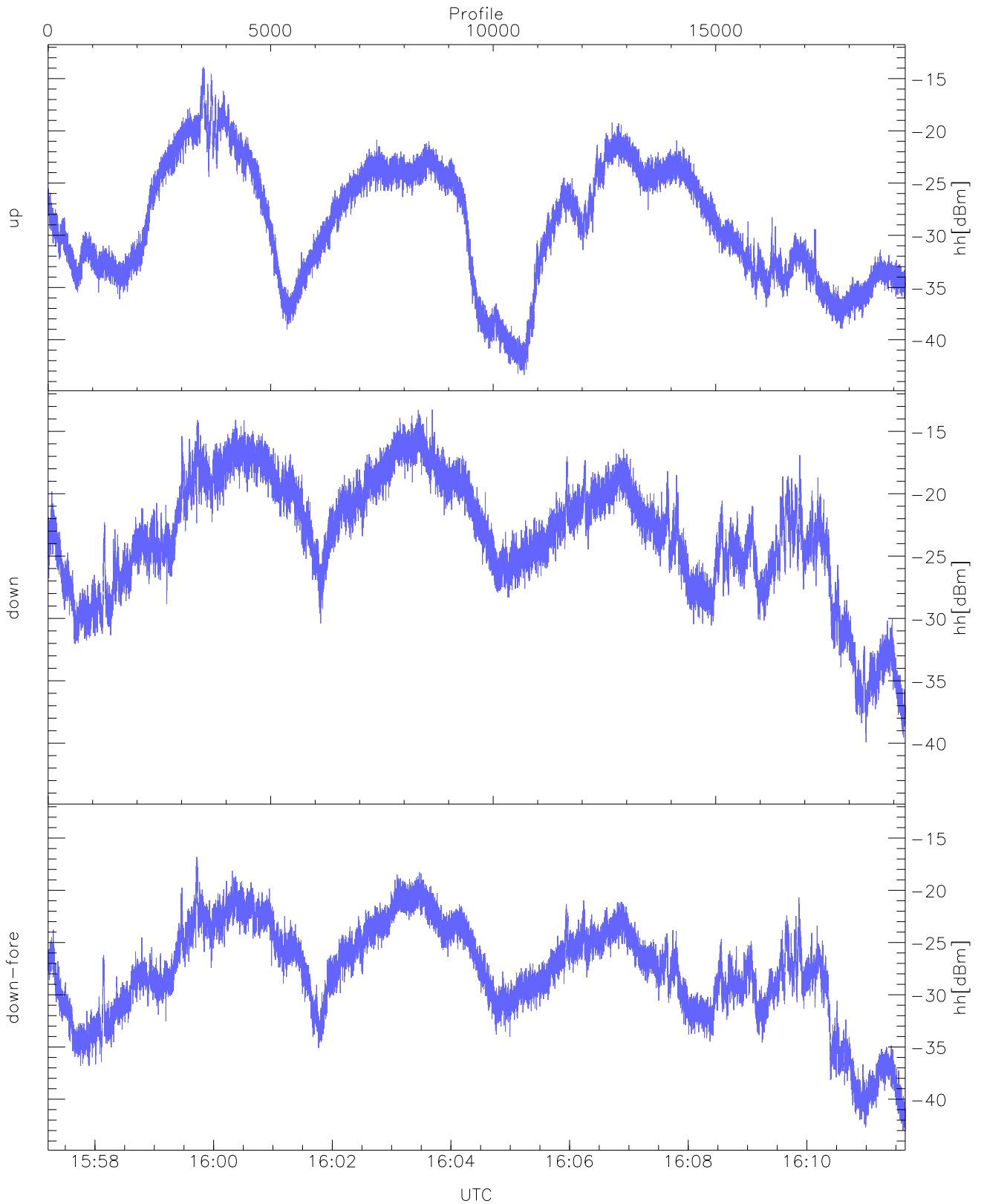
WCR3 CPP Averaged Received power for all recorded gates
blue: 155713-160426, 9631 profiles averaged
red: 160426-161139, 9630 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 155713-160426, 9631 profiles averaged
red: 160426-161139, 9630 profiles averaged

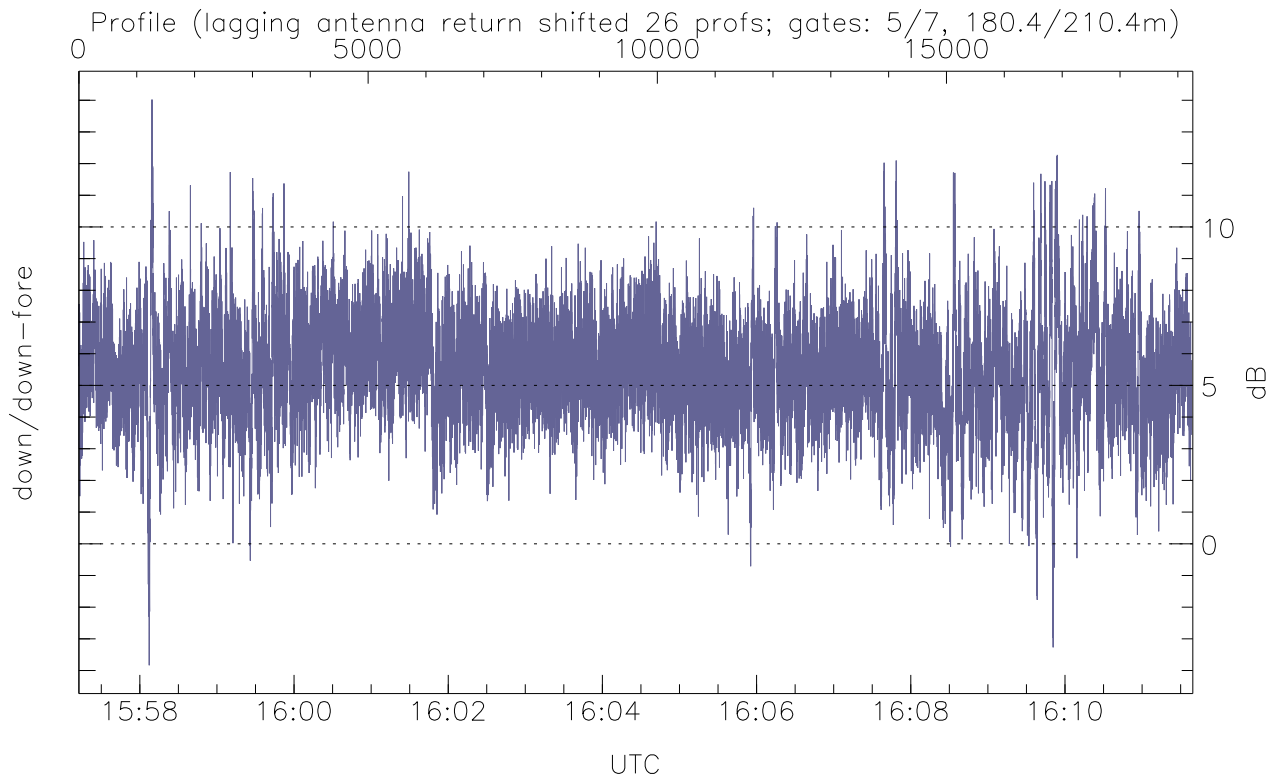
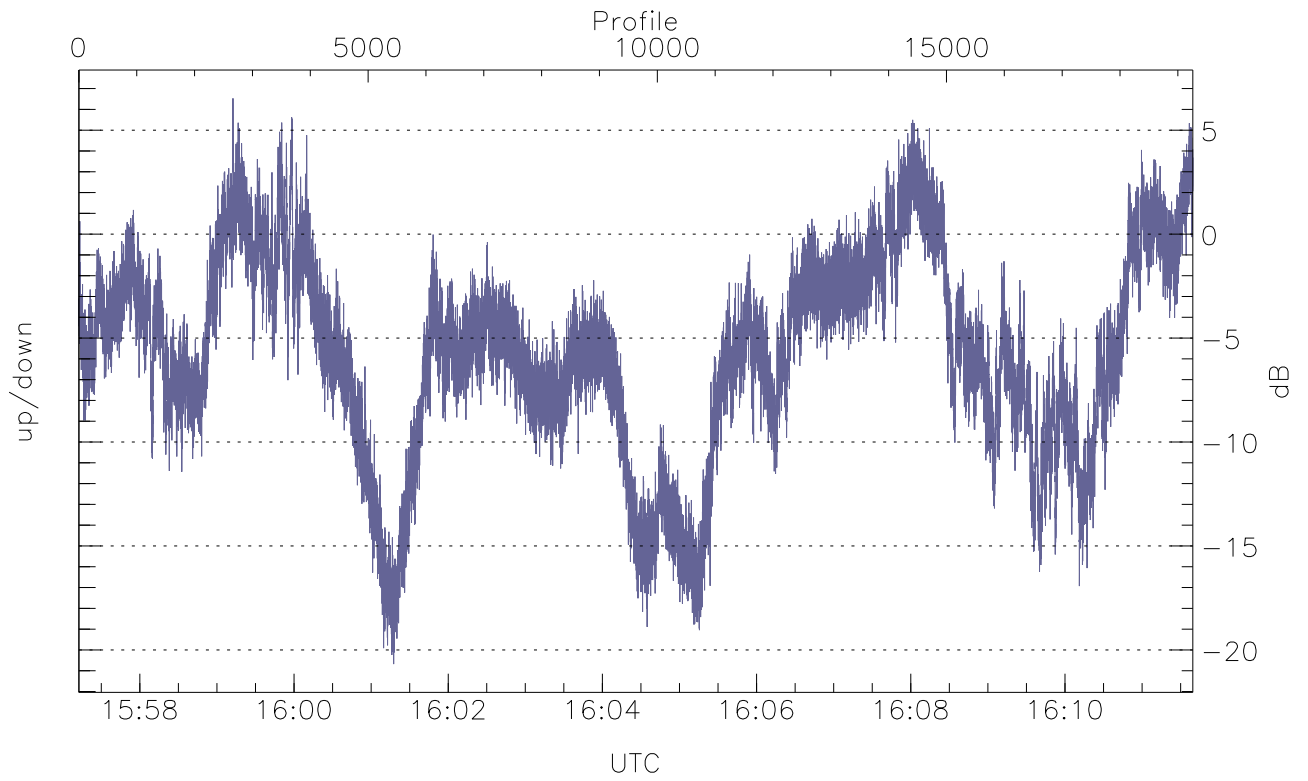


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



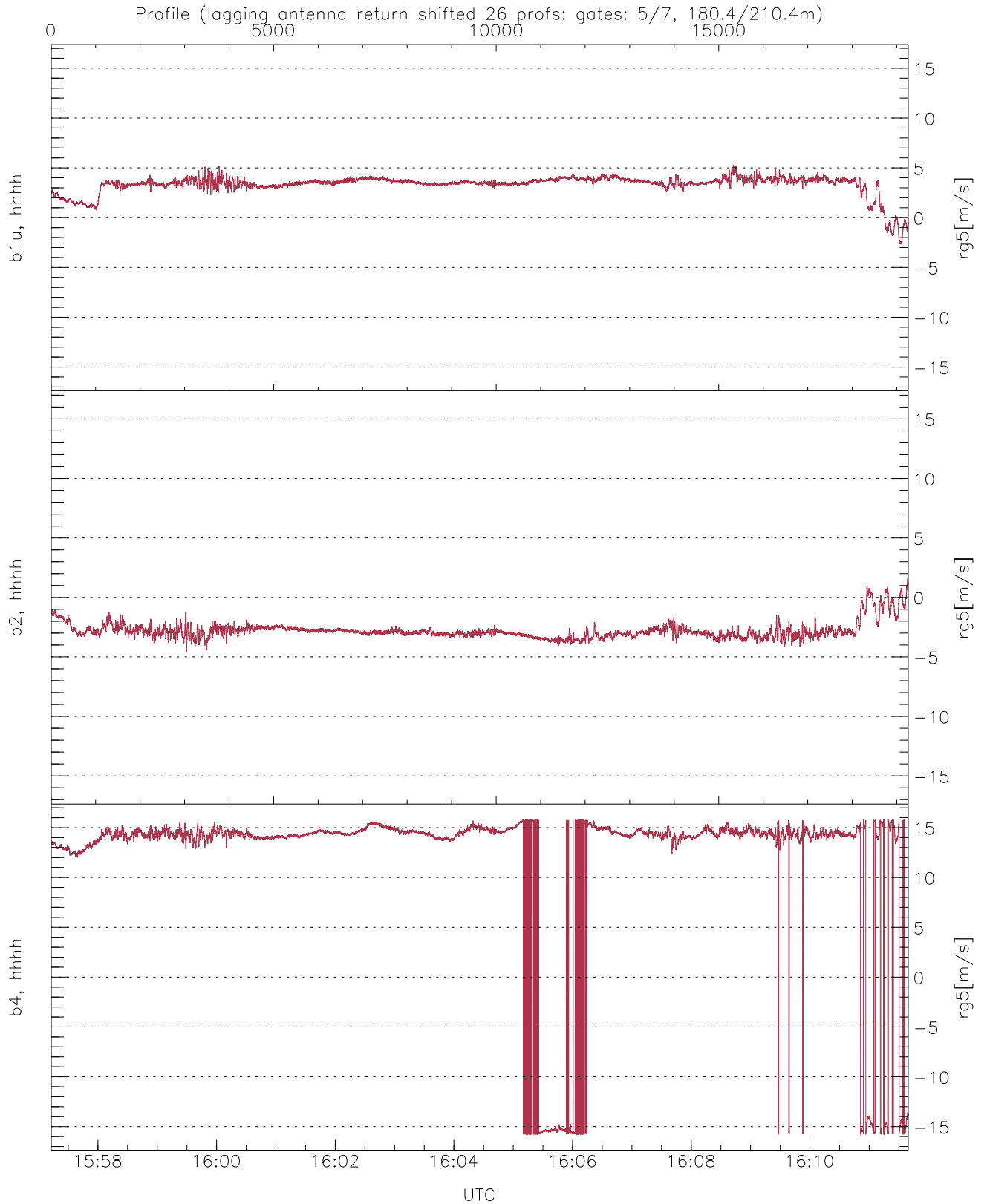
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-43.38	-13.92	-25.68
down(hh[dBm])	-39.92	-13.25	-21.17
down-fore(hh[dBm])	-43.08	-16.80	-25.74



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

	Min	Max	Mean
up/down (dB)	-20.68	6.53	-5.70
down/down-fore (dB)	-3.83	14.02	5.52



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-2.68	5.37	3.32	0.99
b2, hhhh(rg5[m/s])	-4.57	1.59	-2.79	0.73
b4, hhhh(rg5[m/s])	-15.79	15.79	11.80	8.42