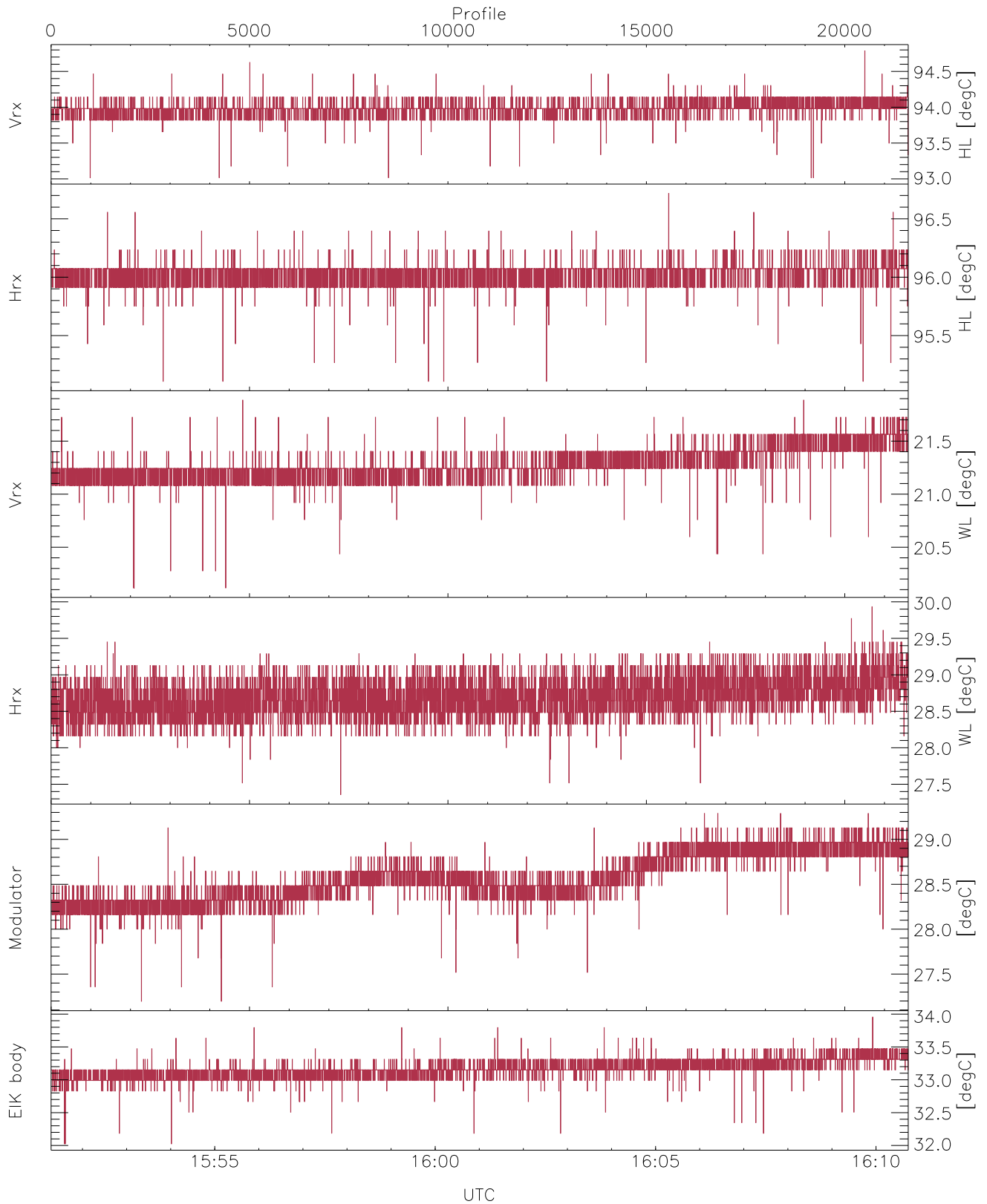


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

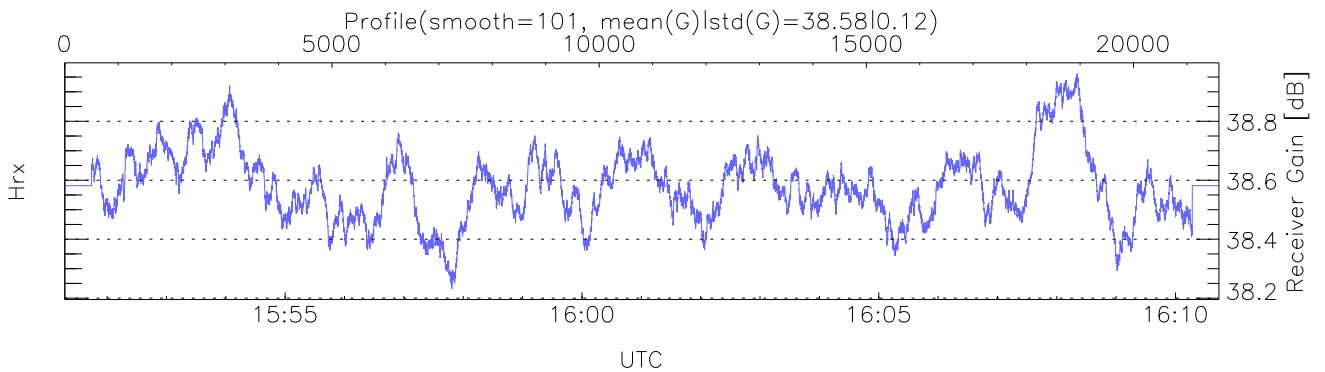
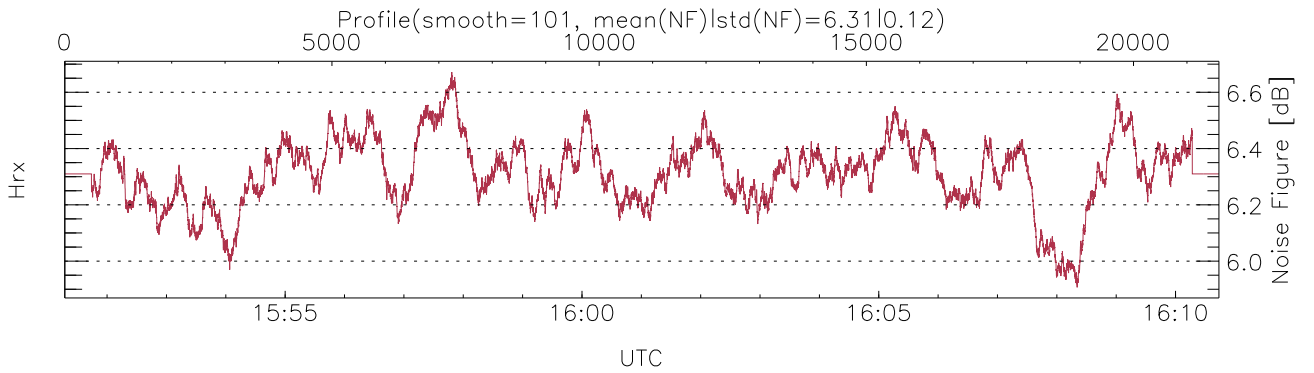
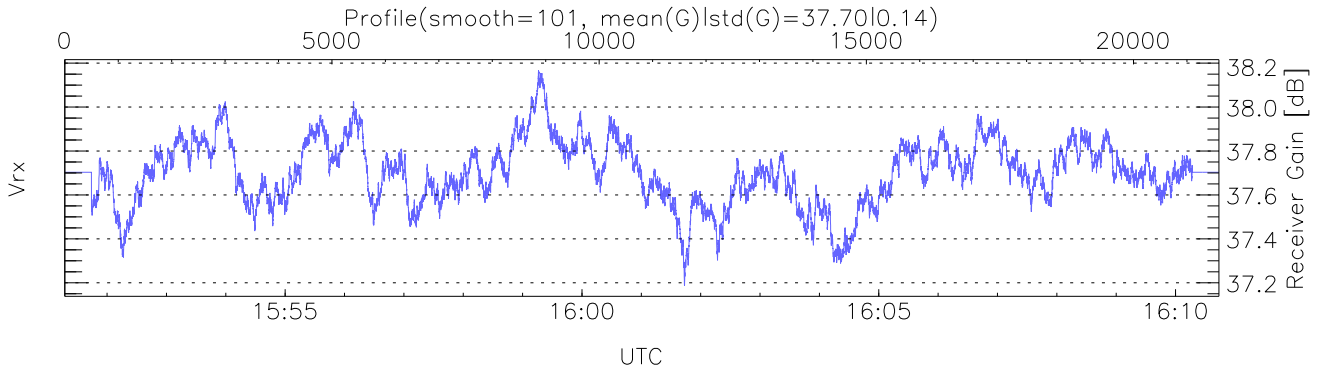
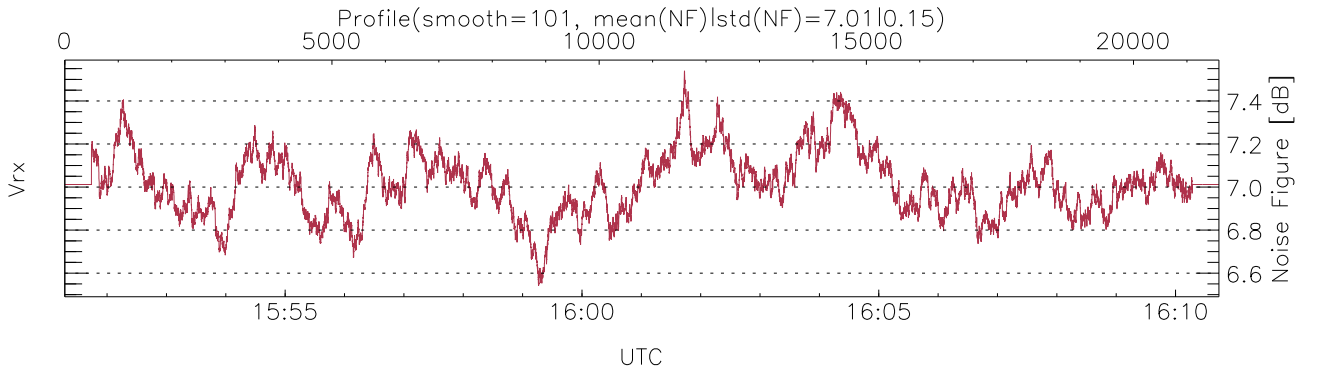
UTC: 15:51:17-16:33:19, Dur: 2521.35s  
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant  
 TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 19,19,19  
 NumRec(r/t): 21600/46681, 0-21599/15:51:17-16:10:44  
 AcqTime: 54.0ms, Rate: 287KB/s, Averages: 180  
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2  
 PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us  
 Range(min,max,rqs): 105,6037,15.0 m, Gates: 396, Aspect: 3.1  
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

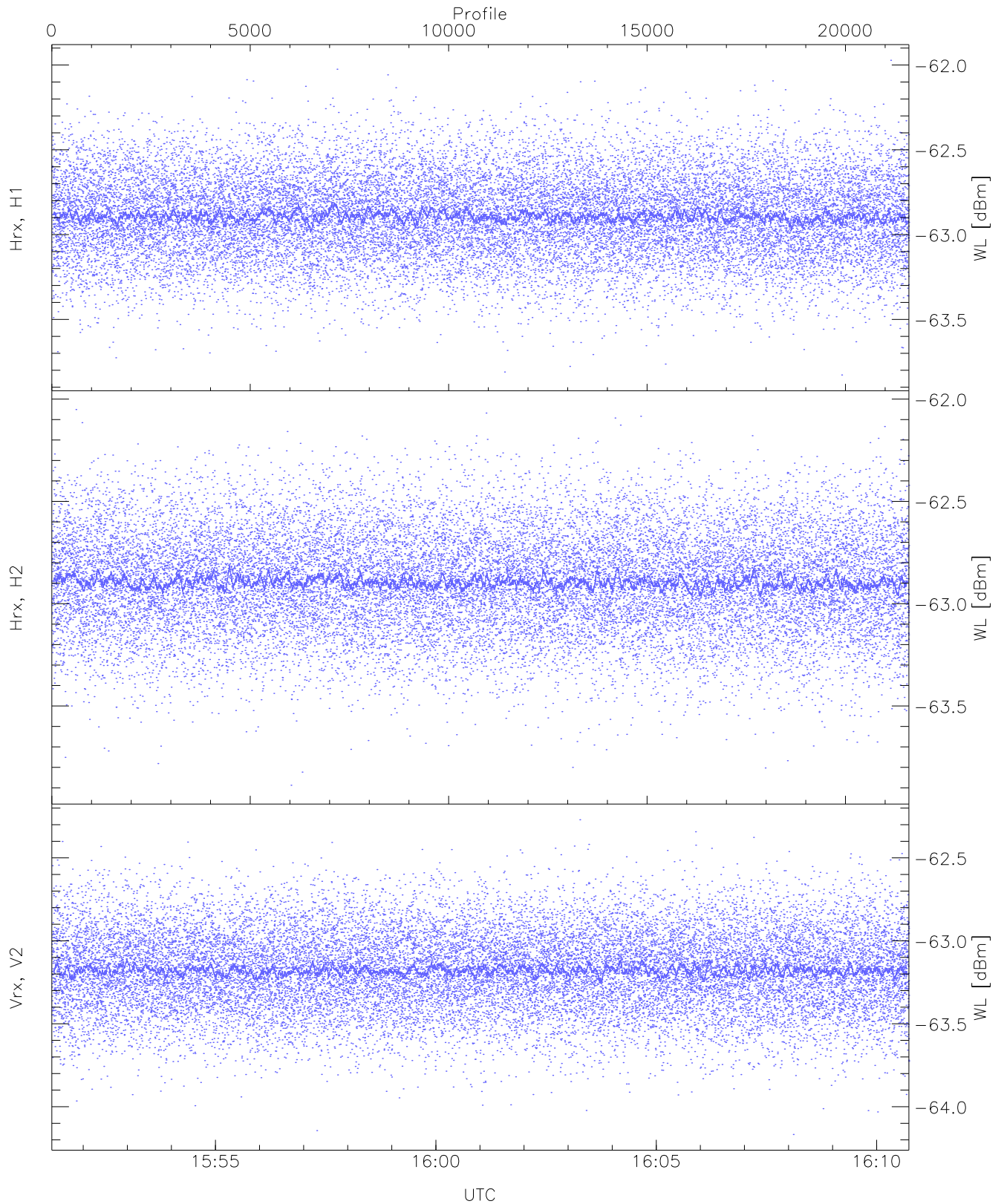
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,20,27,27,32
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,21,29,29,33
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (15,15,15,20,15,25)
    
```



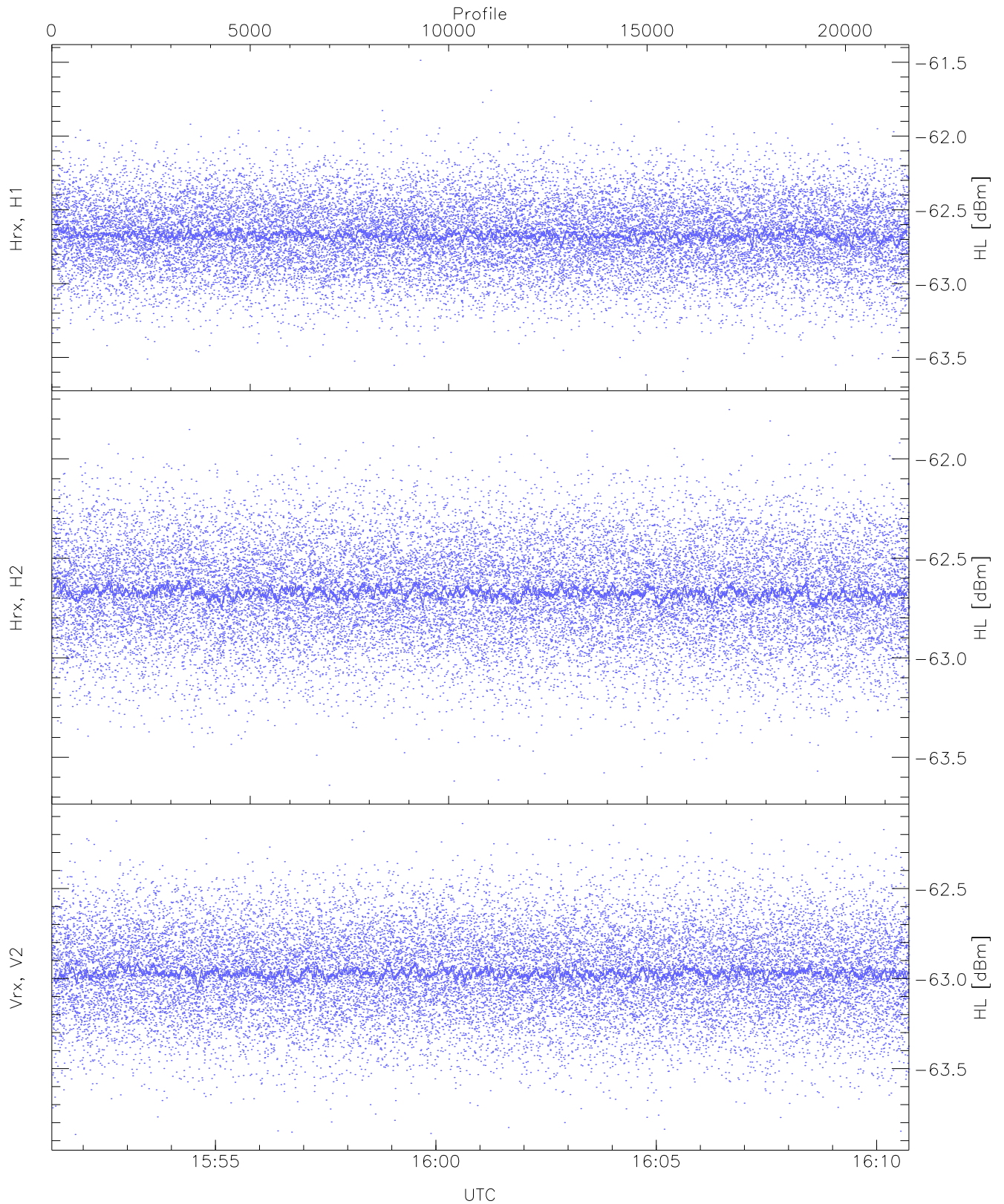
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 1266 pixs, 80 gates, 1159 profs, 2 prods



WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

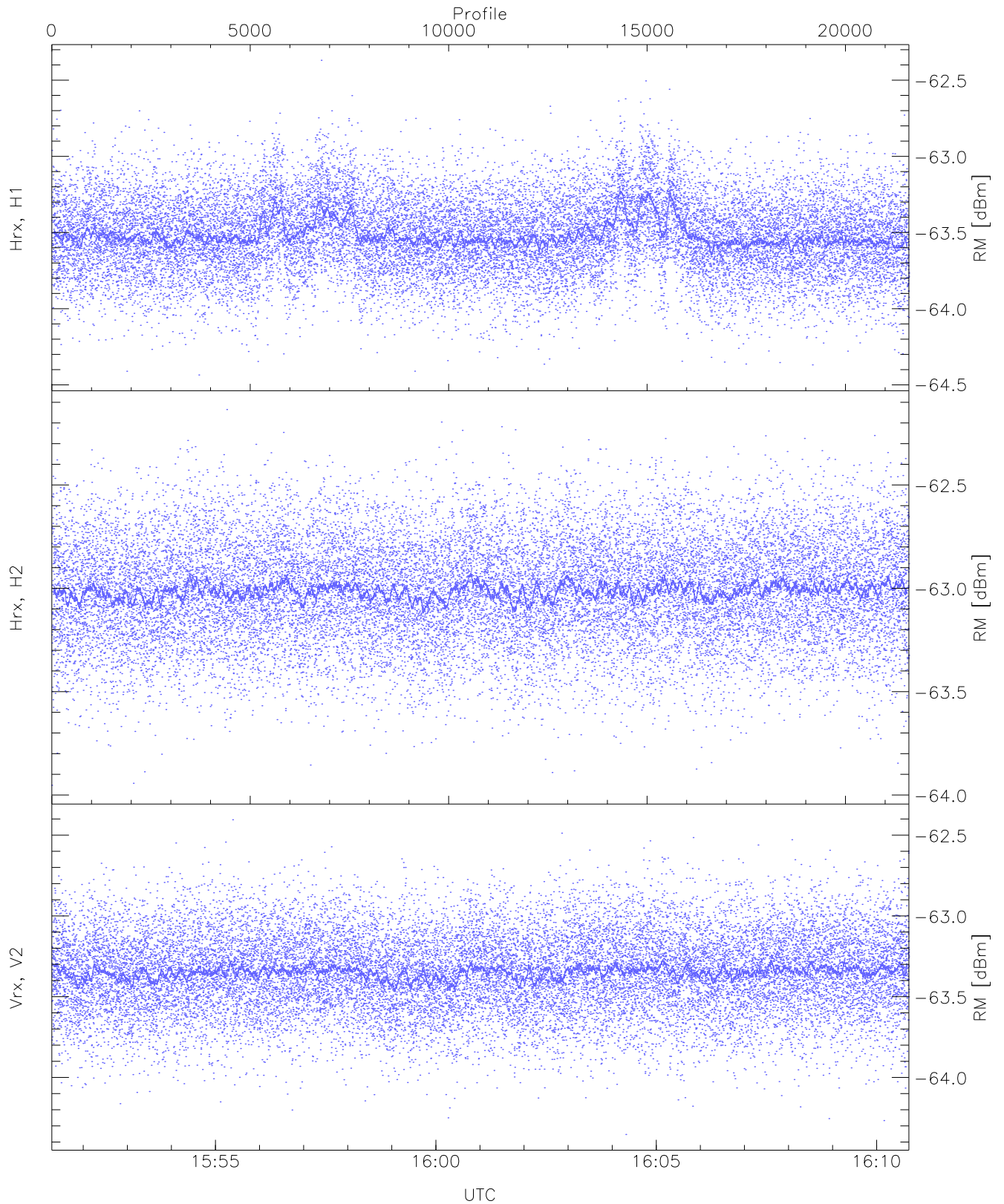
	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.83	-61.97	-62.89	-62.90	-75.57
Hrx, H2 (WL [dBm])	-63.89	-62.05	-62.89	-62.90	-75.61
Vrx, V2 (WL [dBm])	-64.17	-62.27	-63.17	-63.18	-75.89



WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

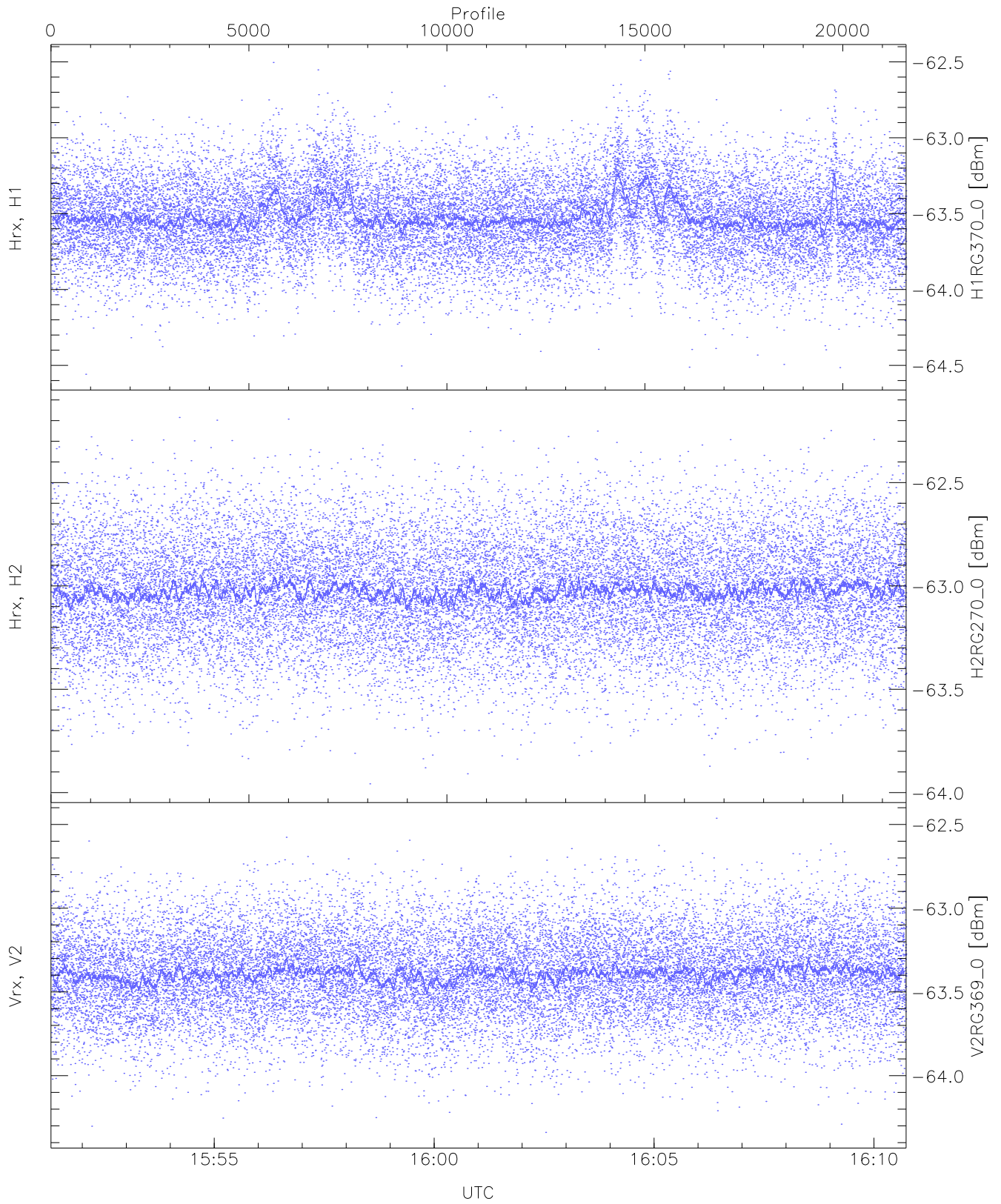
	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.62	-61.49	-62.67	-62.67	-75.39
Hrx, H2 (HL [dBm])	-63.64	-61.75	-62.67	-62.67	-75.35
Vrx, V2 (HL [dBm])	-63.87	-62.12	-62.97	-62.97	-75.65





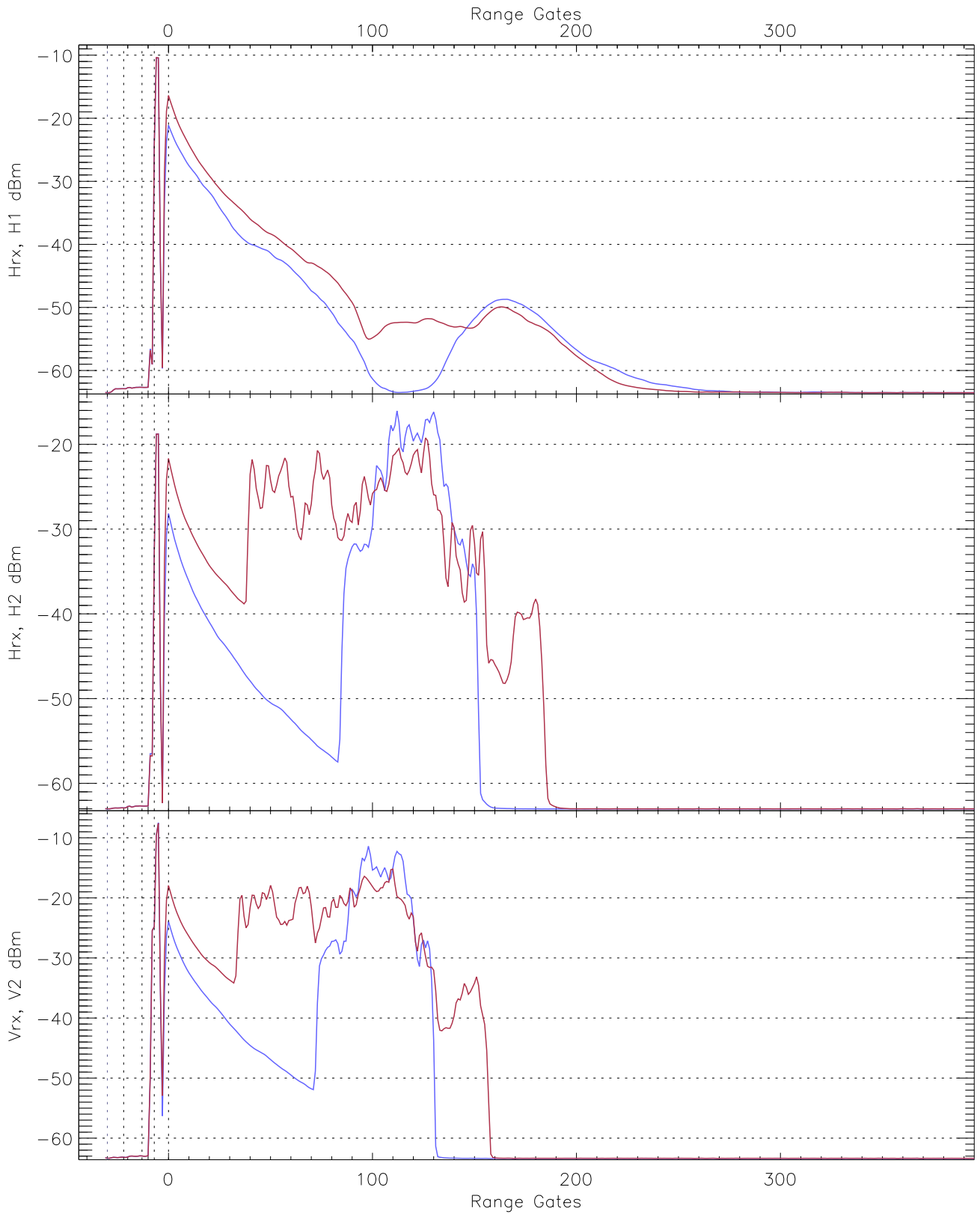
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.44	-62.37	-63.51	-63.52	-76.06
Hrx, H2 (RM [dBm])	-63.95	-62.13	-63.01	-63.01	-75.68
Vrx, V2 (RM [dBm])	-64.35	-62.40	-63.35	-63.35	-76.00



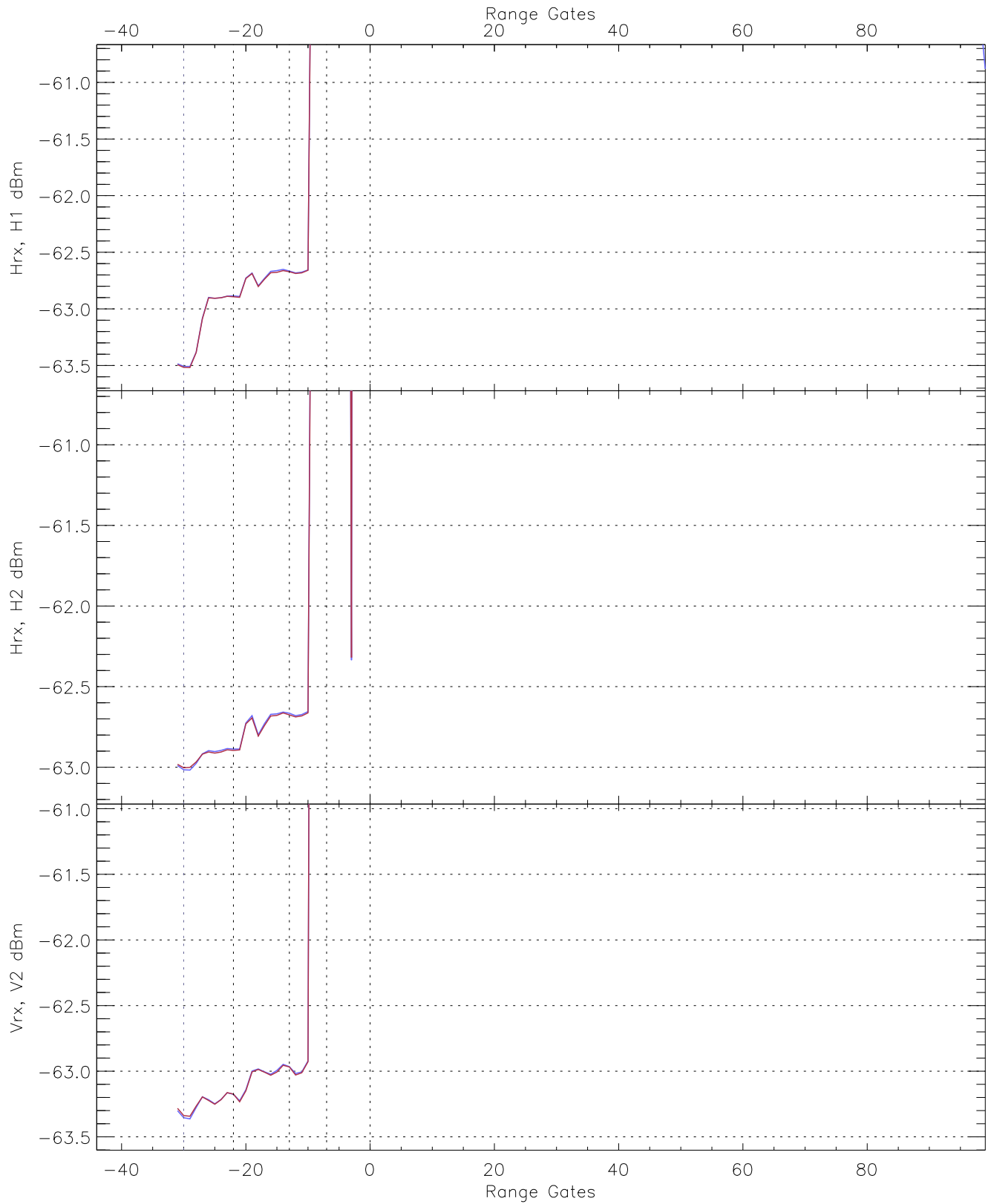
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG370_0 [dBm]	-64.56	-62.49	-63.52	-63.53	-76.01
H2RG270_0 [dBm]	-63.96	-62.14	-63.02	-63.03	-75.72
V2RG369_0 [dBm]	-64.34	-62.46	-63.39	-63.40	-76.09

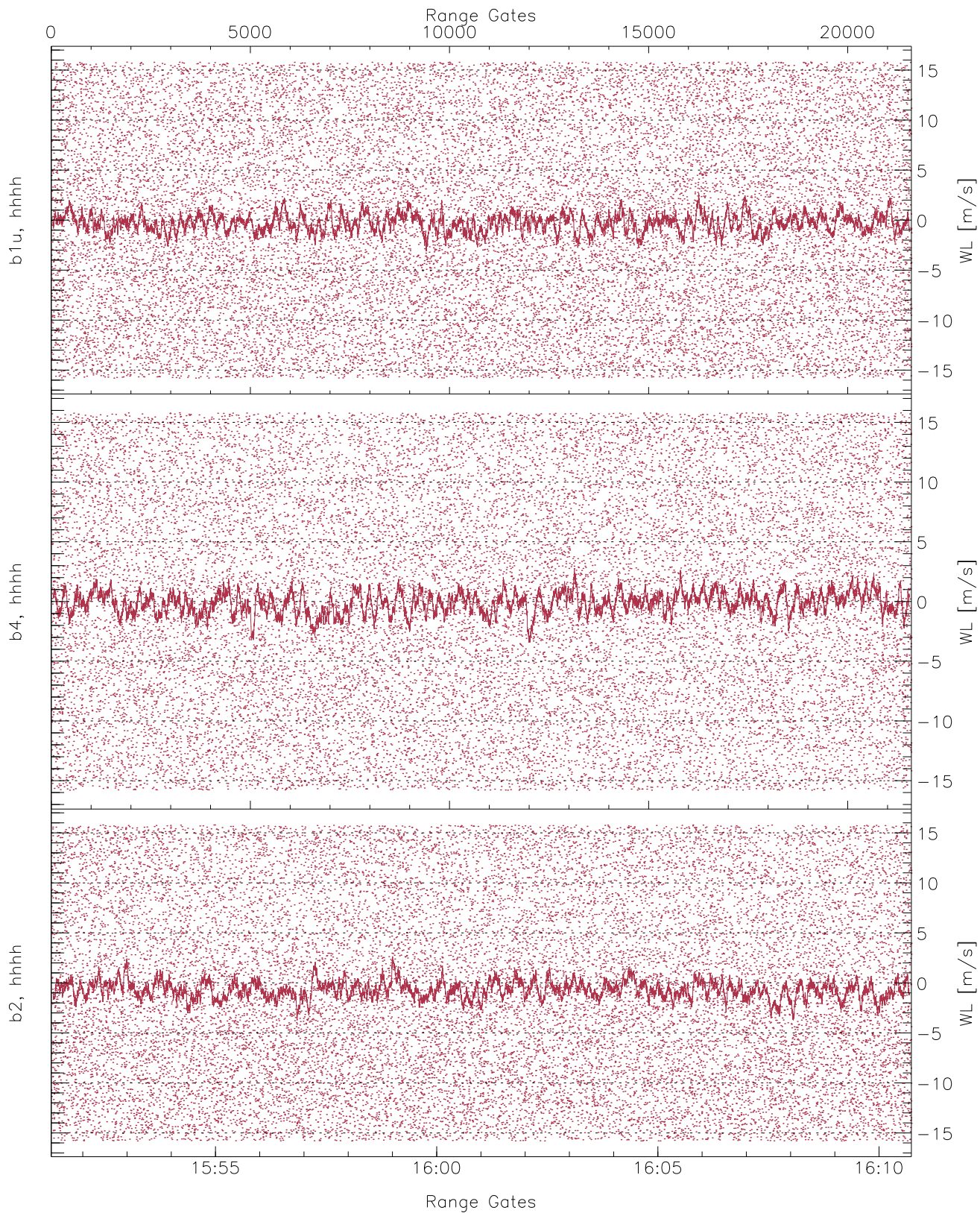


WCR2 CPP Averaged Received power for all recorded gates  
blue: 155117-160101, 10801 profiles averaged  
red: 160101-161044, 10800 profiles averaged

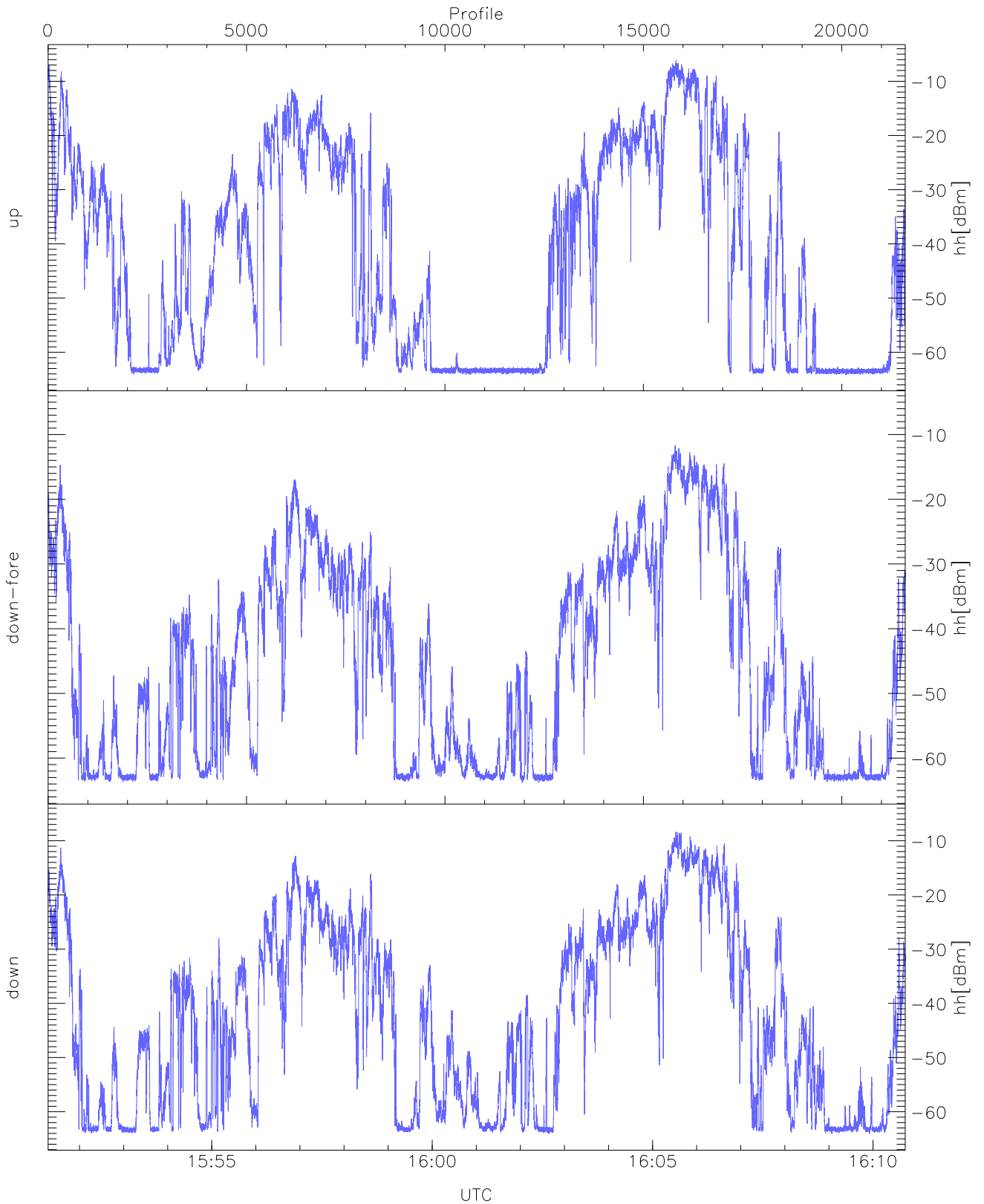




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 155117-160101, 10801 profiles averaged  
red: 160101-161044, 10800 profiles averaged

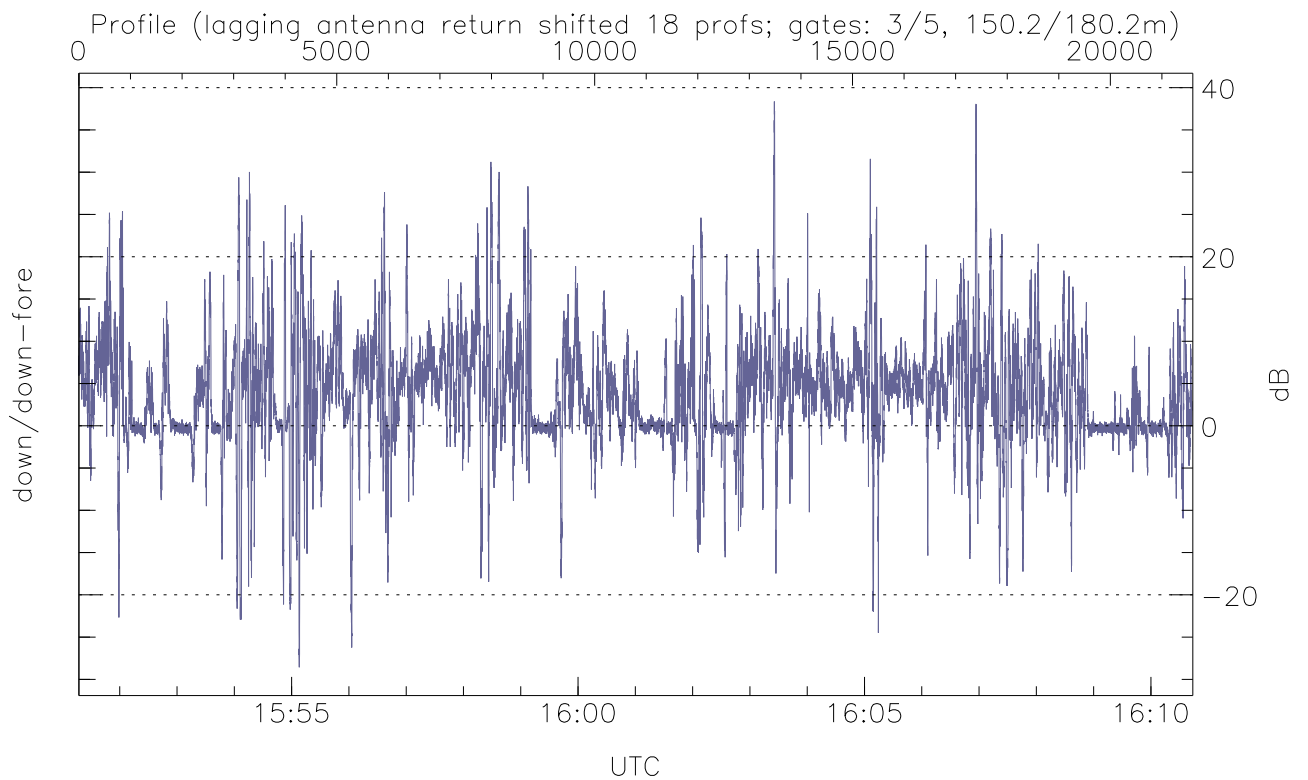
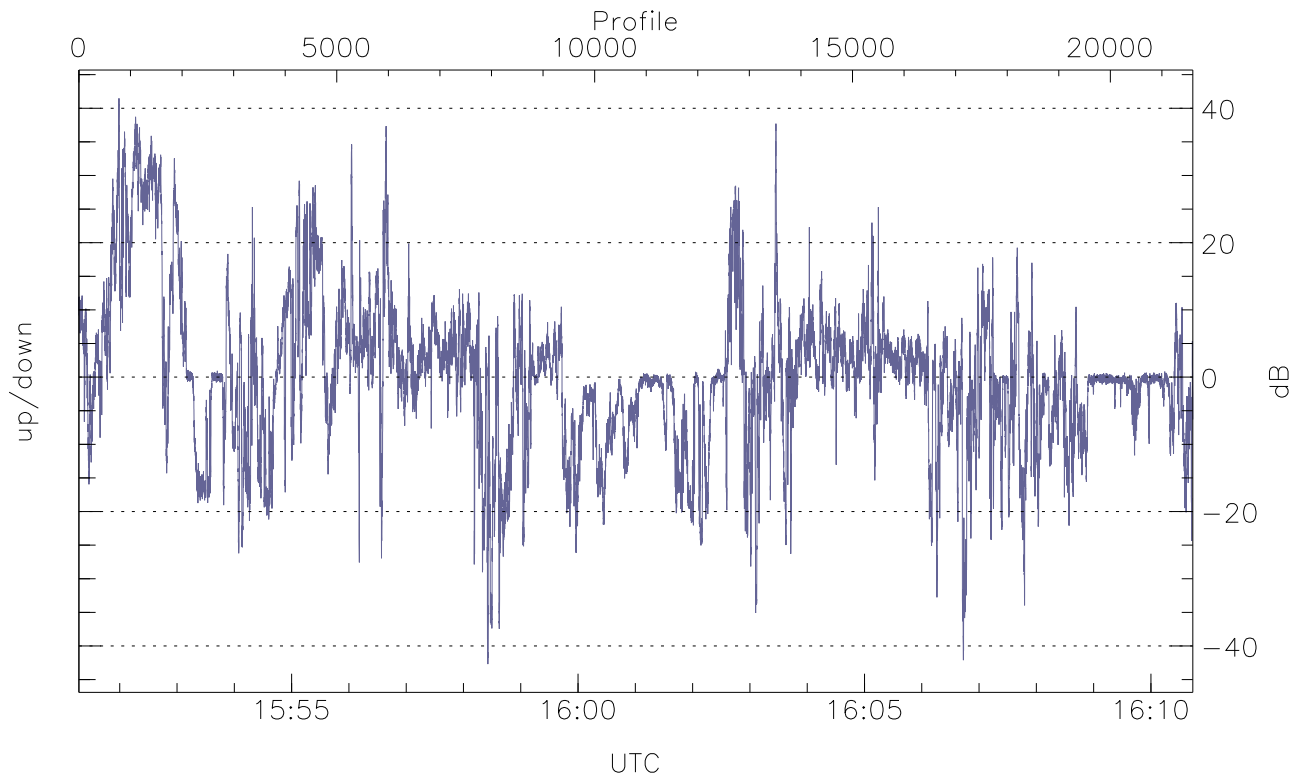


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



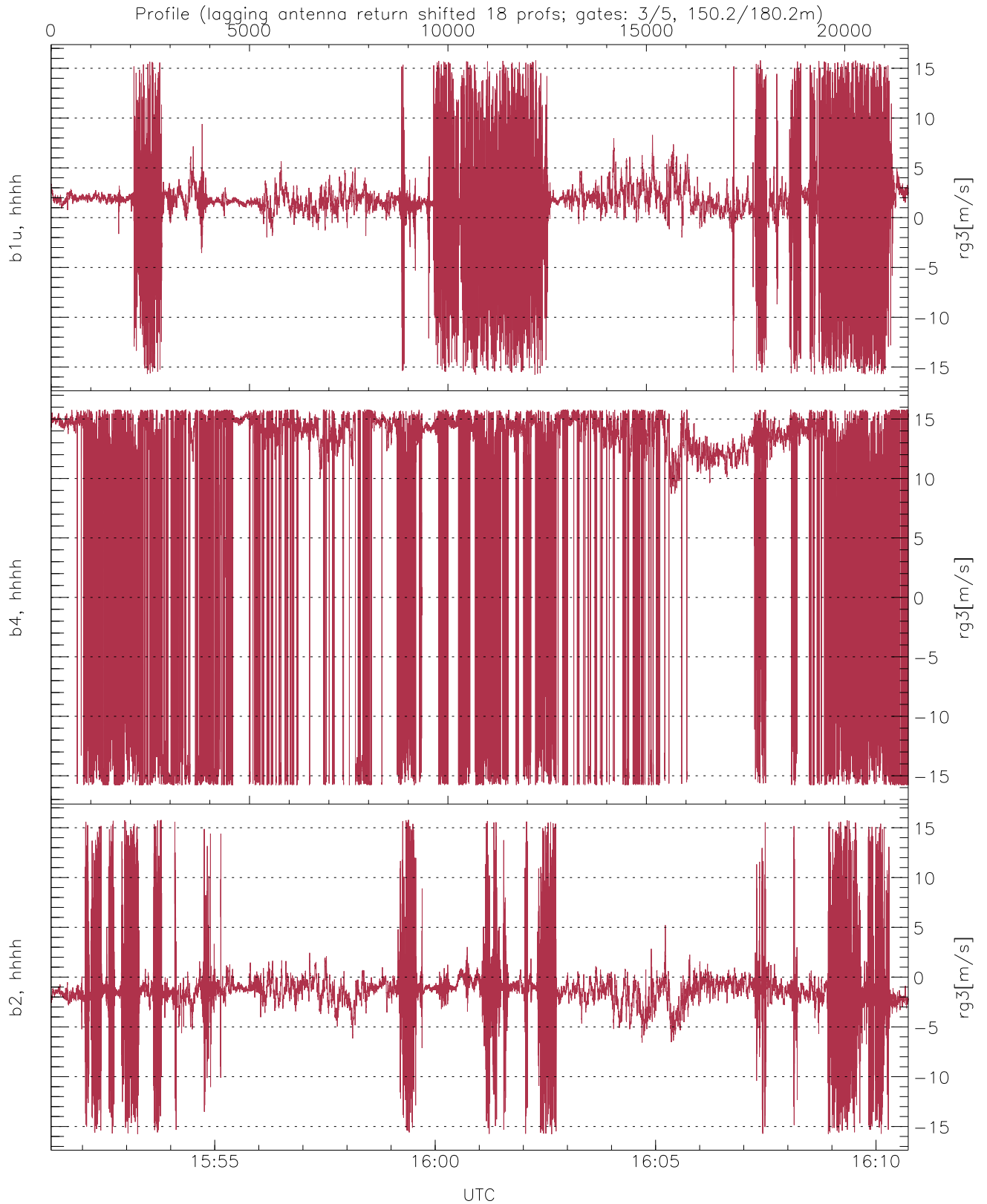
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-64.20	-6.13	-20.90
down-fore(hh[dBm])	-63.82	-11.68	-26.93
down(hh[dBm])	-64.11	-8.38	-23.43



WCR2 Beam pairs Received Power Ratio(s); RangeGate: 3 (150 m)

	Min	Max	Mean
up/down (dB)	-42.69	41.48	0.13
down/down-fore (dB)	-28.57	38.36	3.84



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.78	15.79	1.27	4.16
b4, hhhh(rg3[m/s])	-15.80	15.80	7.27	11.47
b2, hhhh(rg3[m/s])	-15.76	15.79	-1.25	3.42