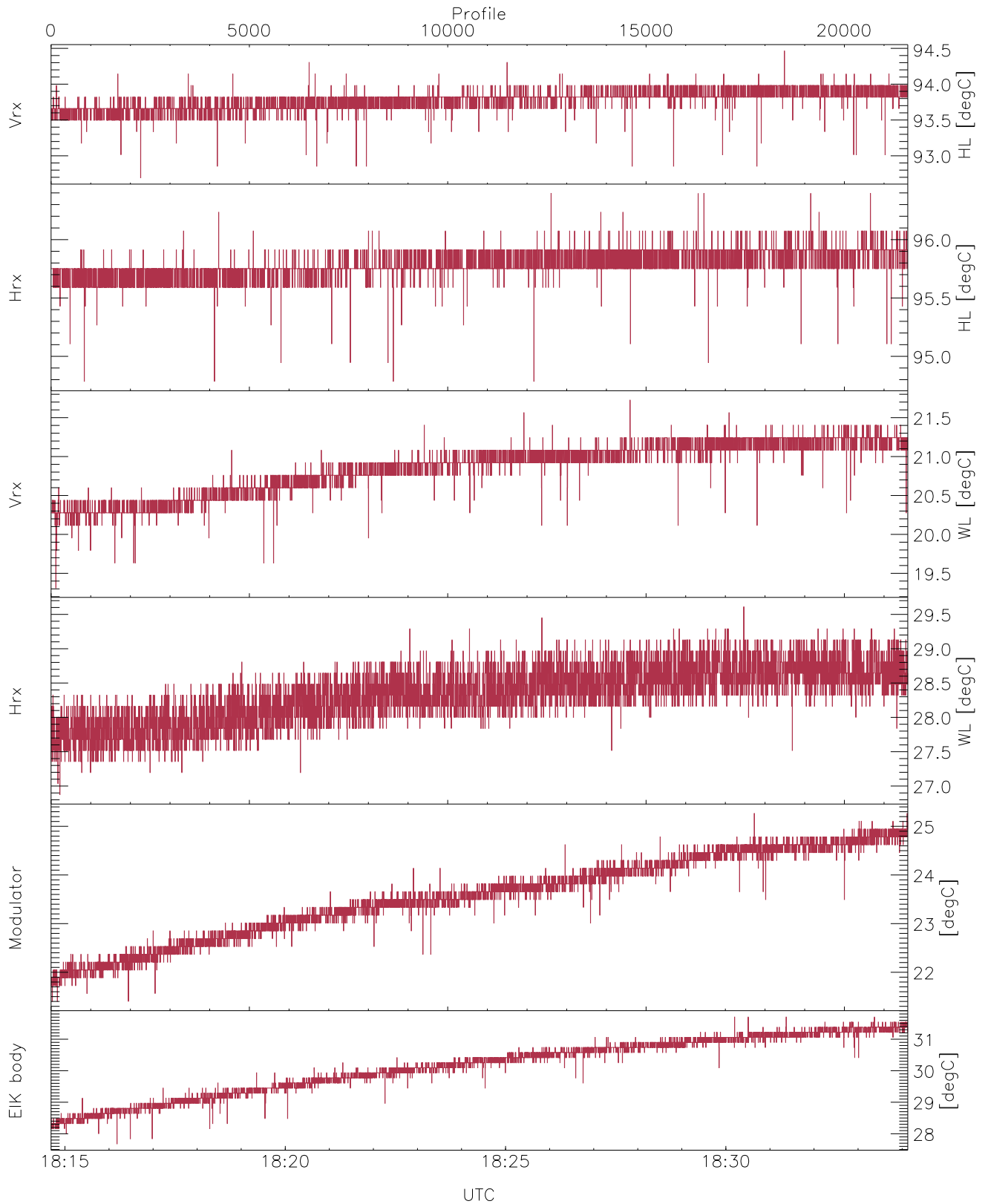


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

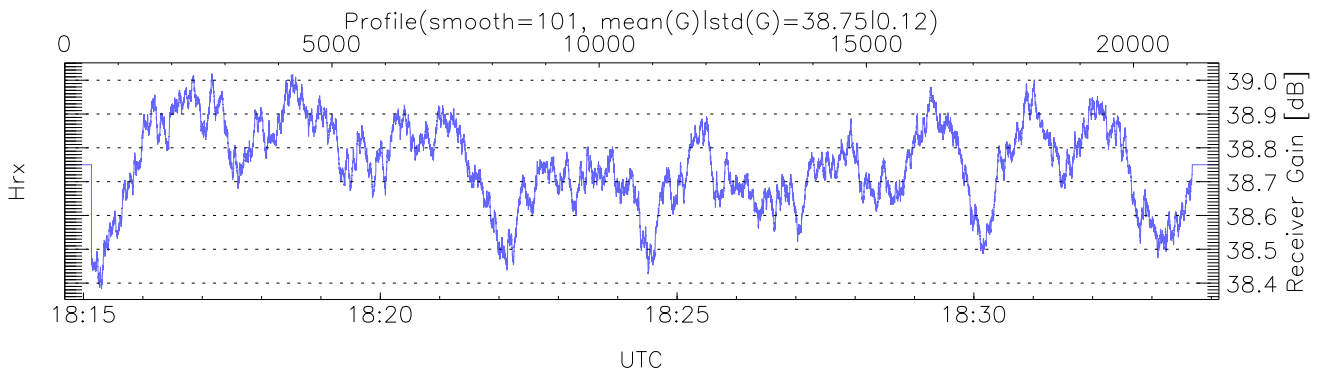
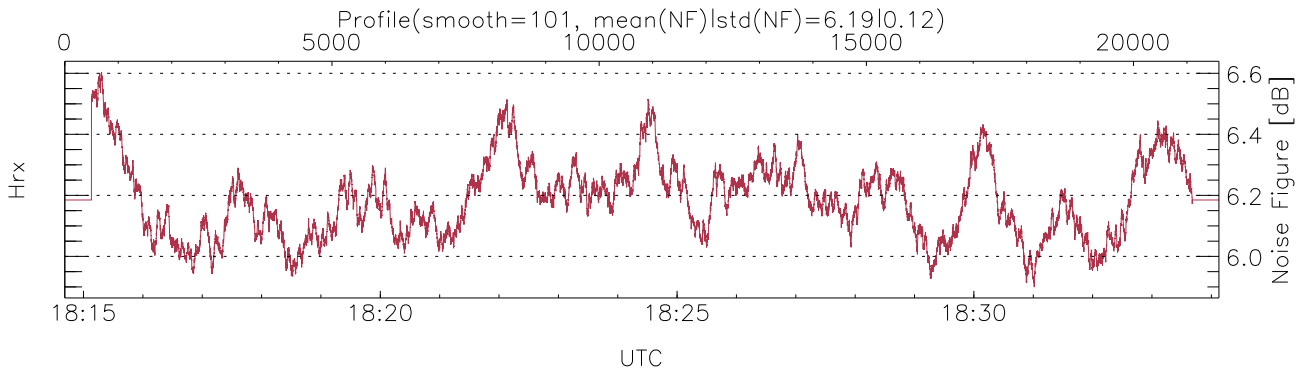
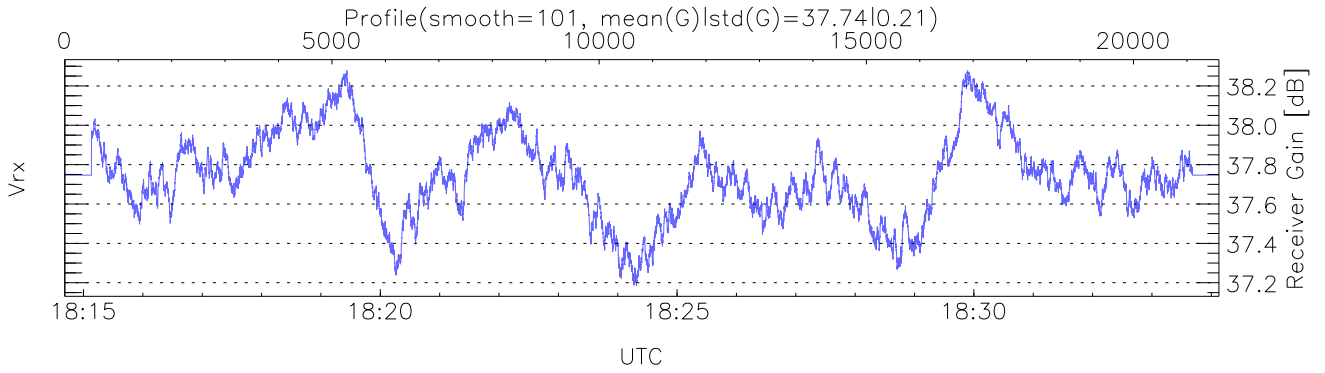
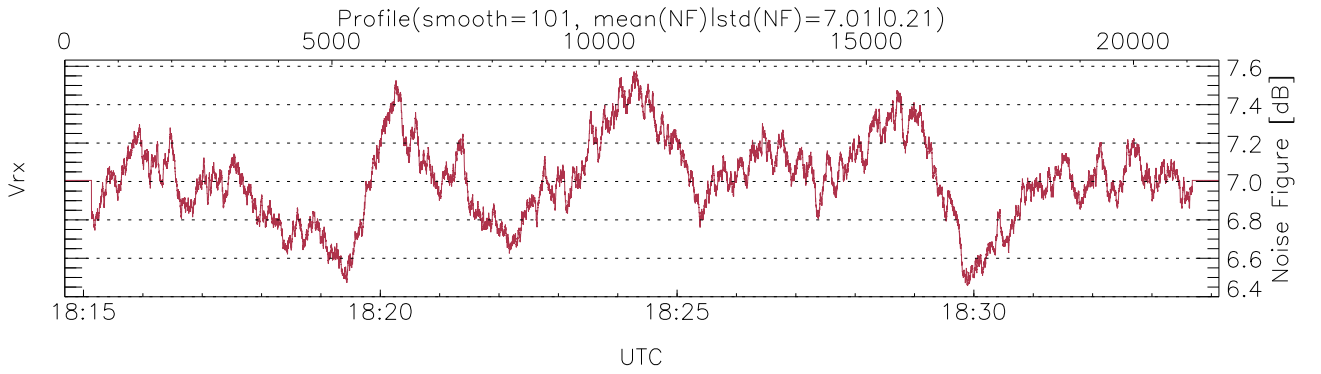
UTC: 18:14:41-18:54:02, Dur: 2361.09s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 19,19,19
 NumRec(r/t): 21600/43714, 0-21599/18:14:41-18:34:08
 AcqTime: 54.0ms, Rate: 287KB/s, Averages: 180
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 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

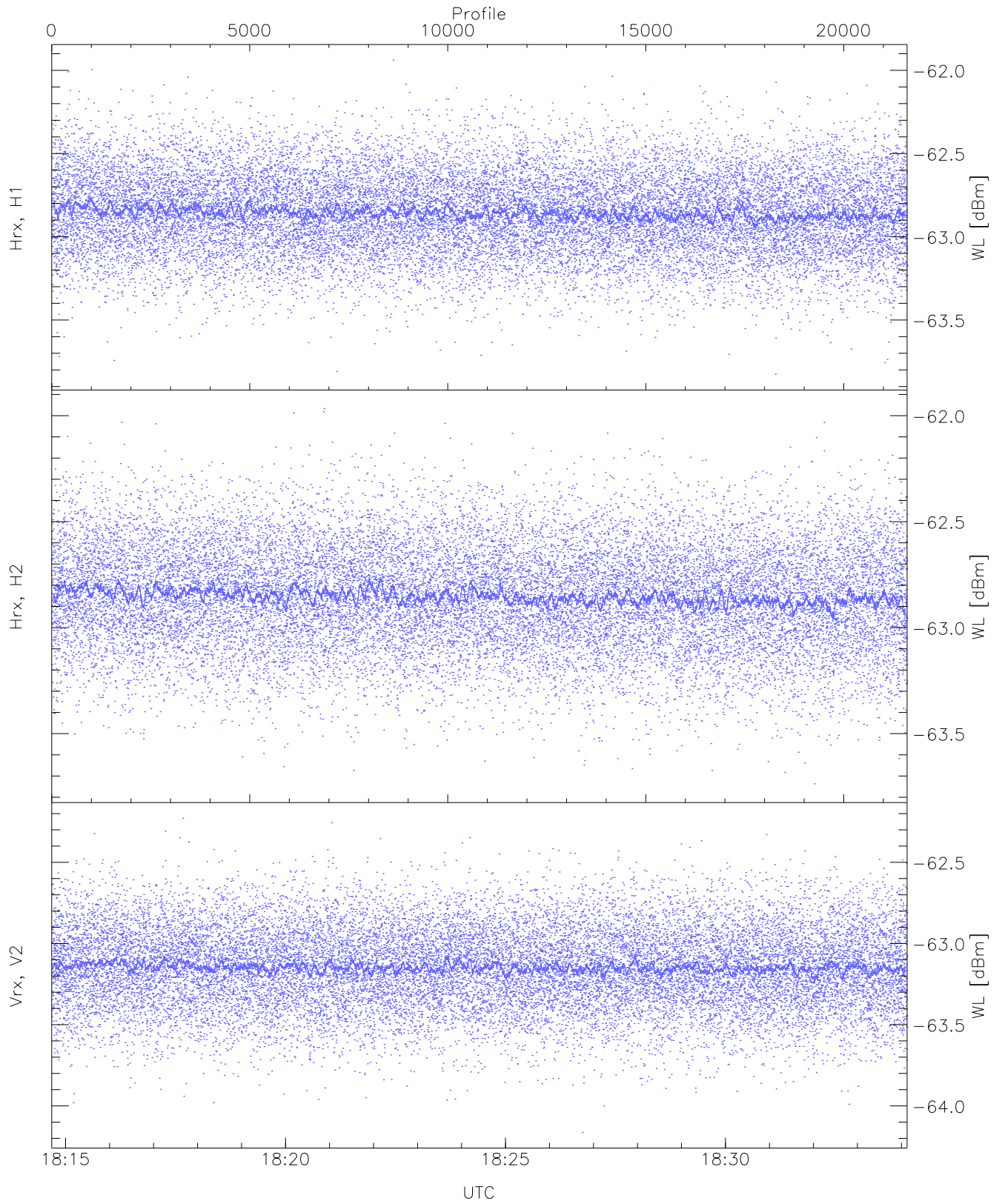
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,19,26,21,27
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,21,29,25,31
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
  DeckT,CollT,BodyCurr,DeckF,OverDuty (9,9,9,9,9)
    
```



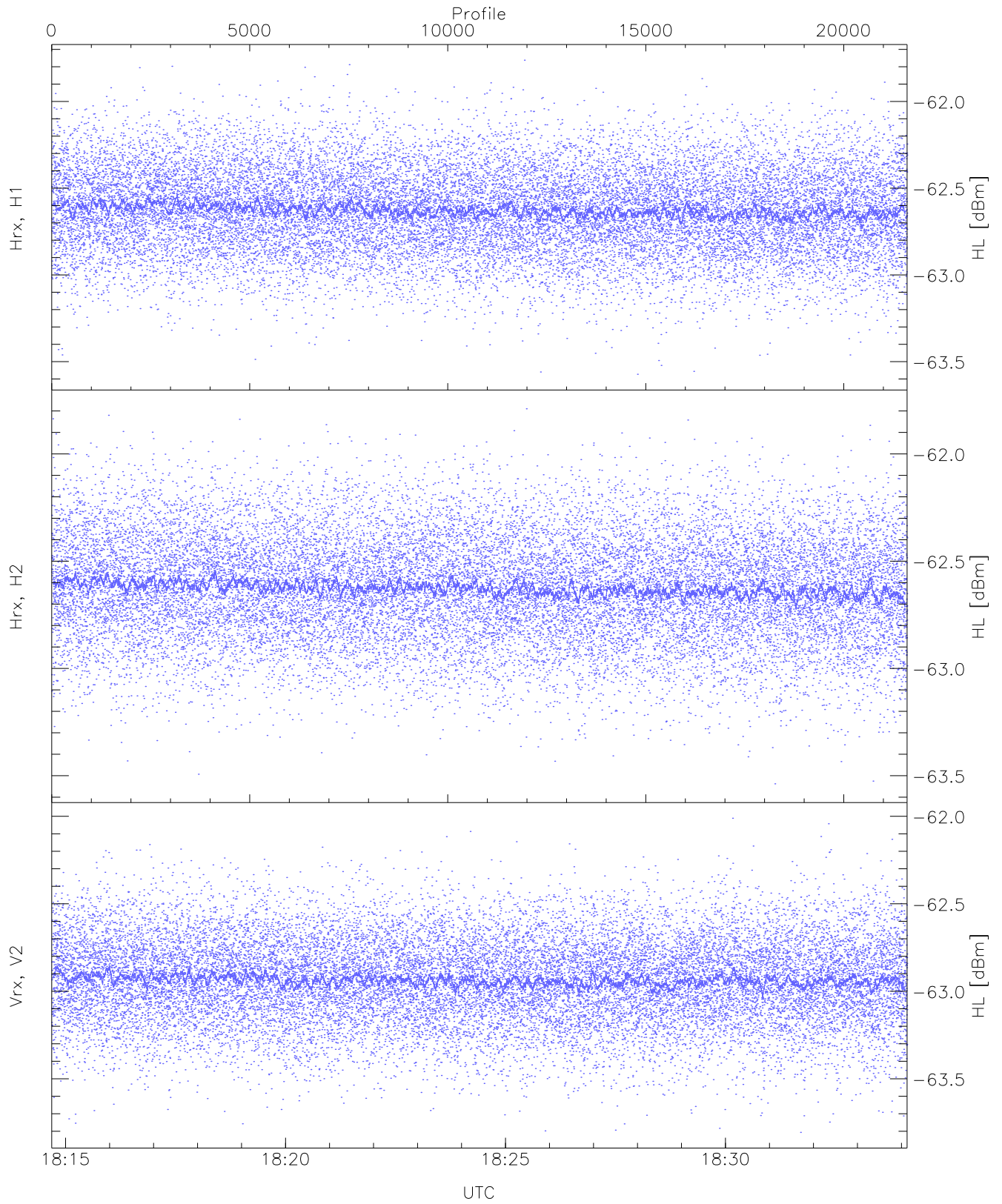
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 5011 pixs, 65 gates, 4694 profs, 2 prods



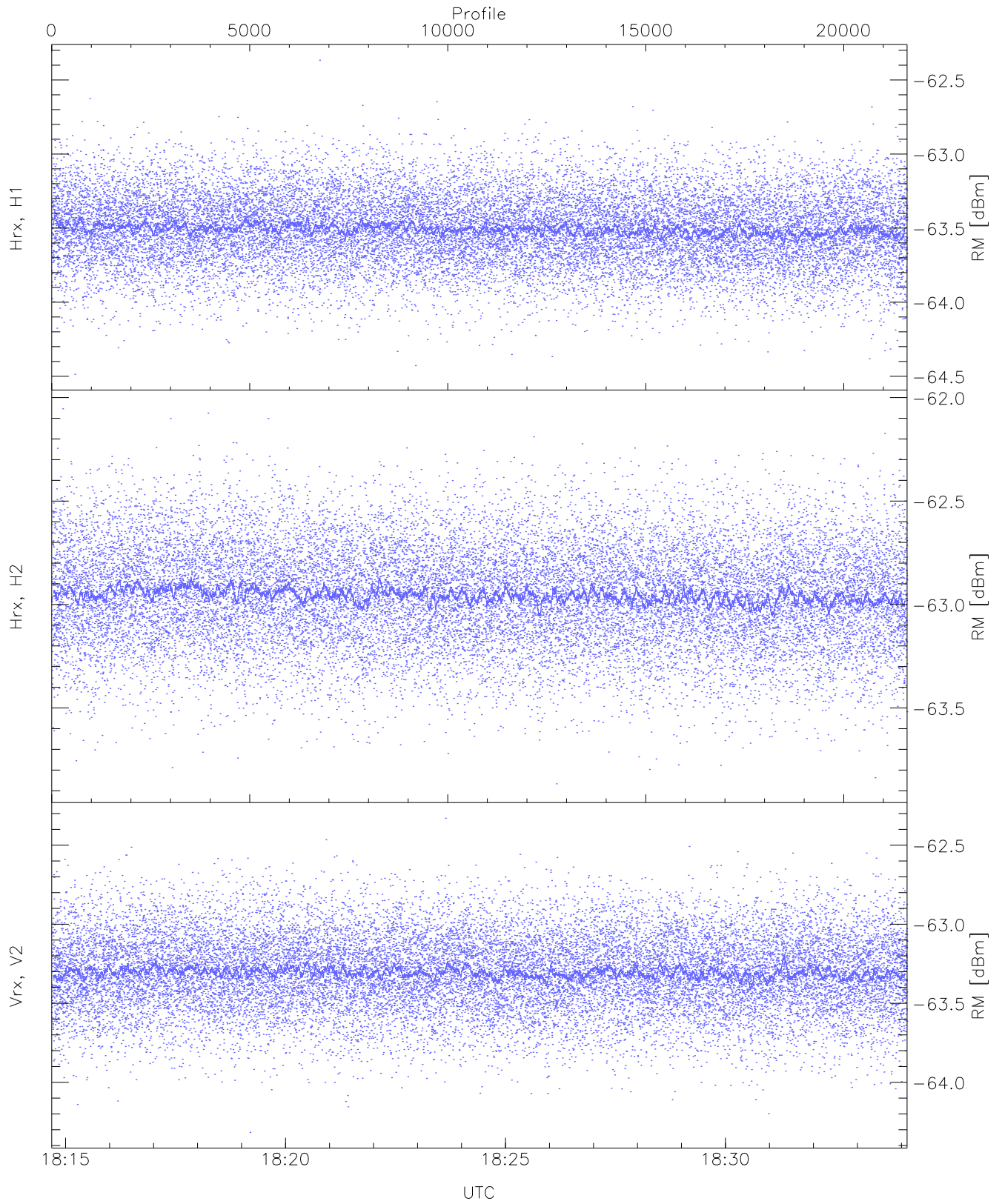
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.83	-61.94	-62.85	-62.86	-75.54
Hrx, H2 (WL [dBm])	-63.74	-61.97	-62.85	-62.85	-75.57
Vrx, V2 (WL [dBm])	-64.16	-62.23	-63.14	-63.15	-75.81



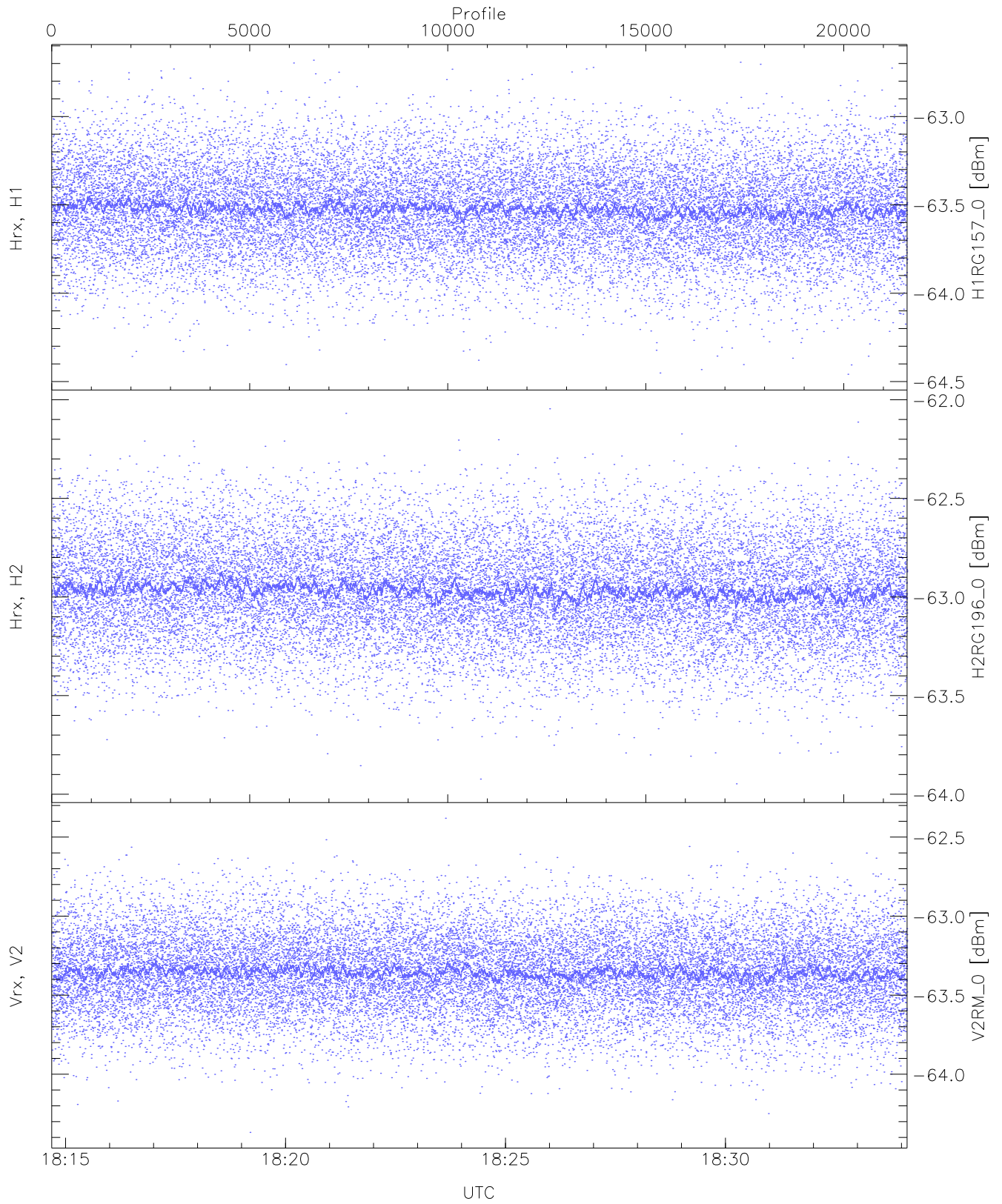
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.57	-61.76	-62.62	-62.63	-75.34
Hrx, H2 (HL [dBm])	-63.54	-61.79	-62.62	-62.63	-75.34
Vrx, V2 (HL [dBm])	-63.81	-62.01	-62.93	-62.94	-75.66



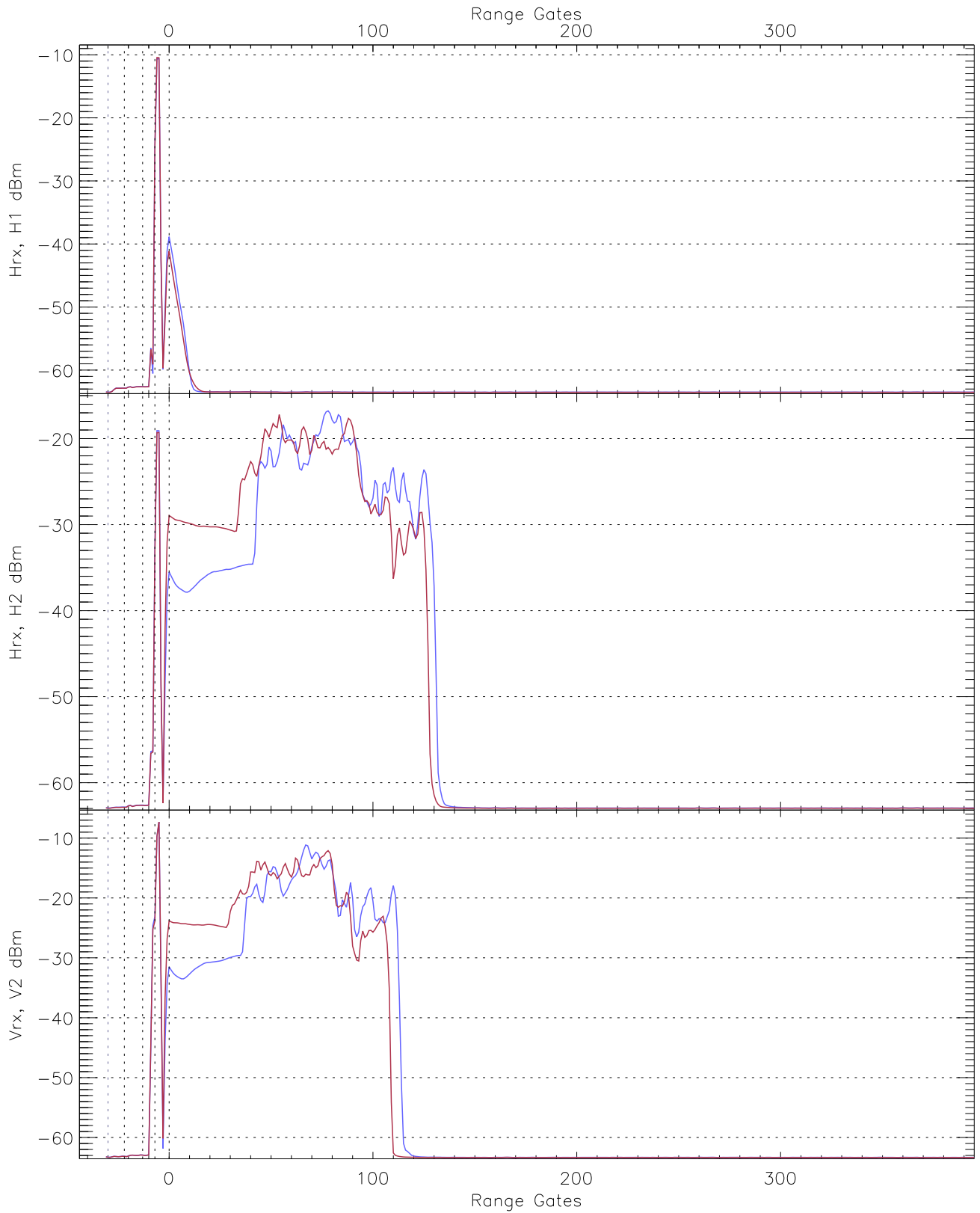
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.49	-62.37	-63.50	-63.51	-76.21
Hrx, H2 (RM [dBm])	-63.87	-62.05	-62.95	-62.96	-75.66
Vrx, V2 (RM [dBm])	-64.32	-62.33	-63.30	-63.31	-75.99

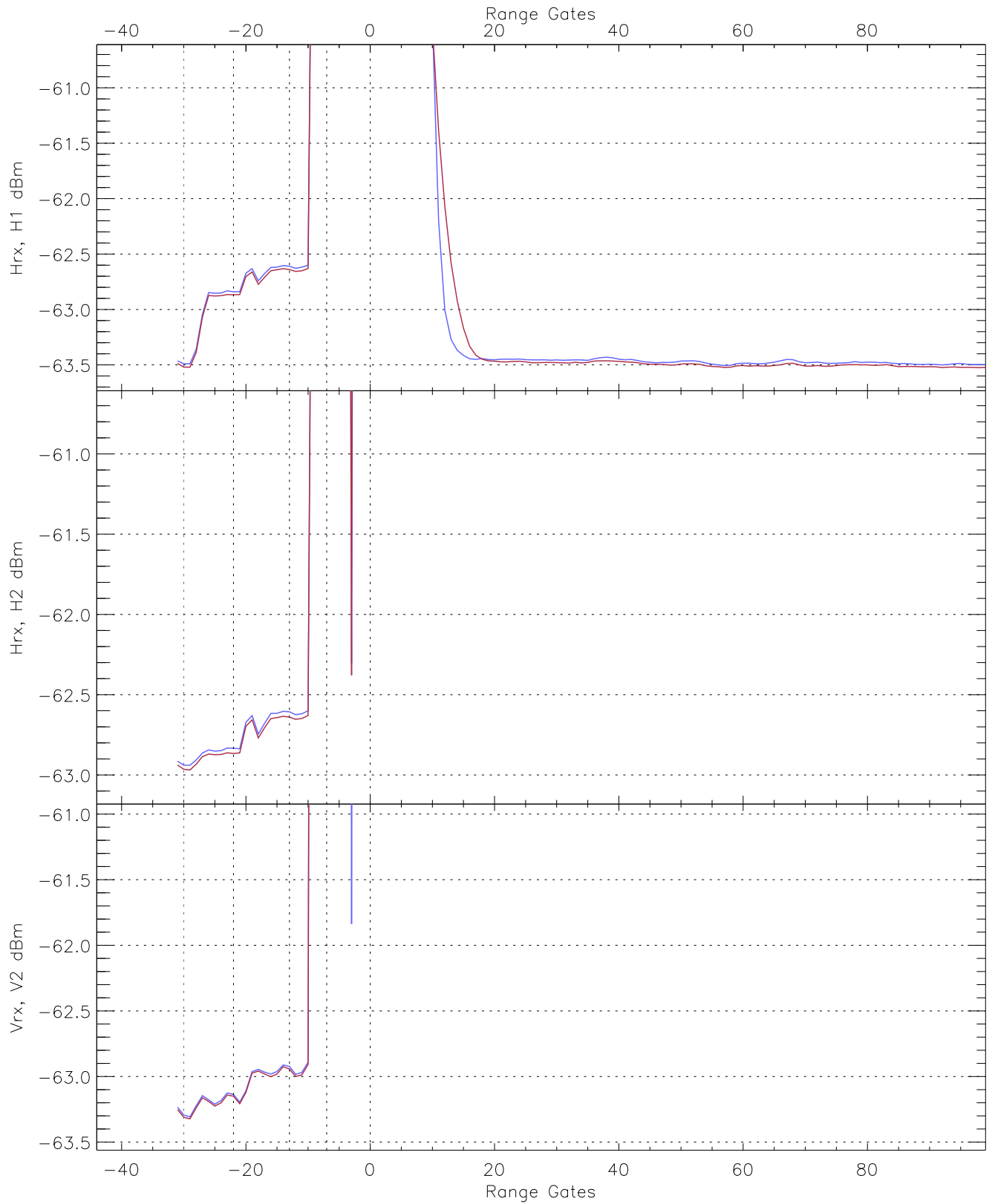


WCR2 CPP "Best" estimate Receivers Noise Power

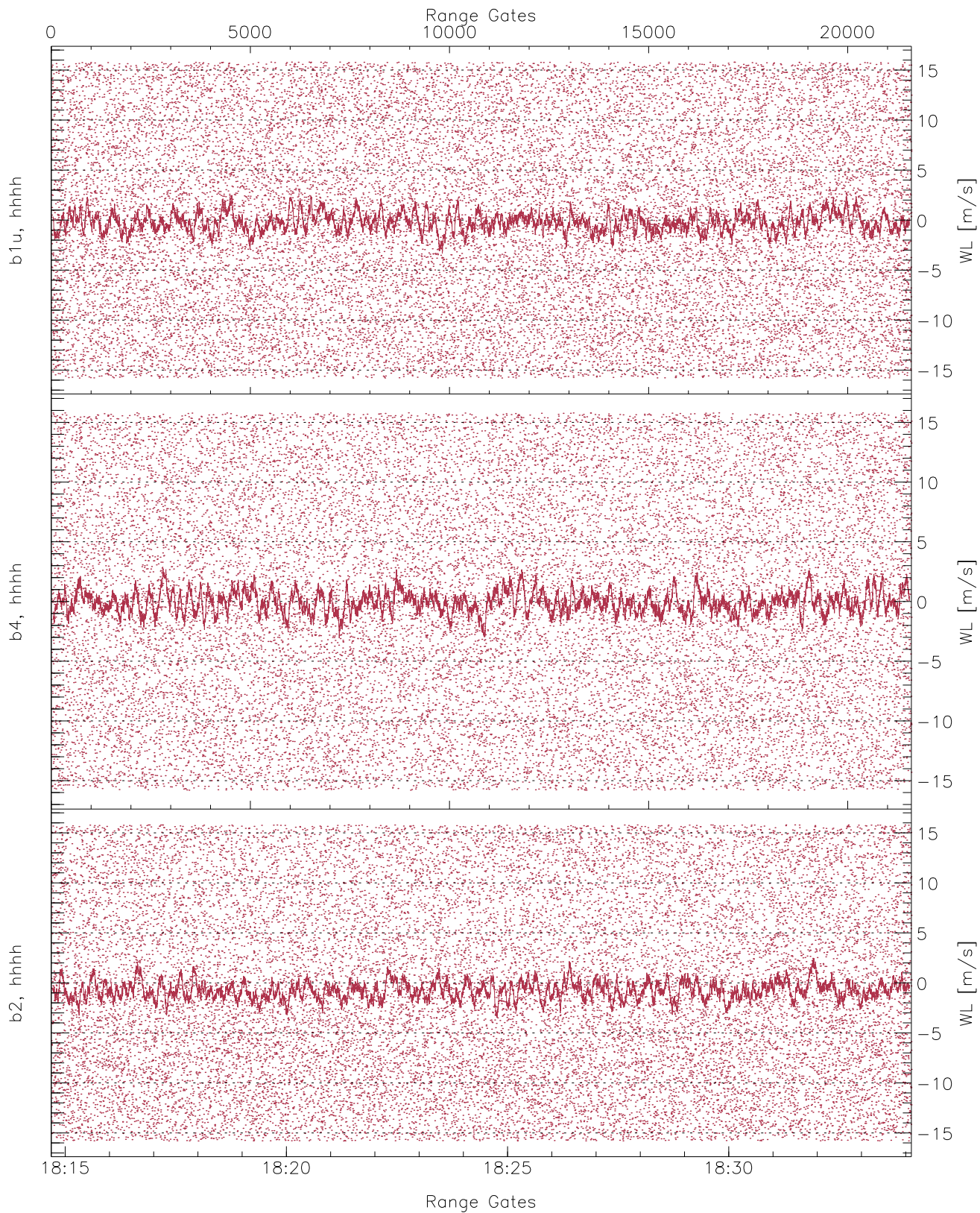
	Min	Max	Mean	Median	StDev
H1RG157_0 [dBm]	-64.46	-62.68	-63.52	-63.53	-76.22
H2RG196_0 [dBm]	-63.95	-62.05	-62.97	-62.97	-75.66
V2RM_0 [dBm]	-64.37	-62.38	-63.35	-63.36	-76.04



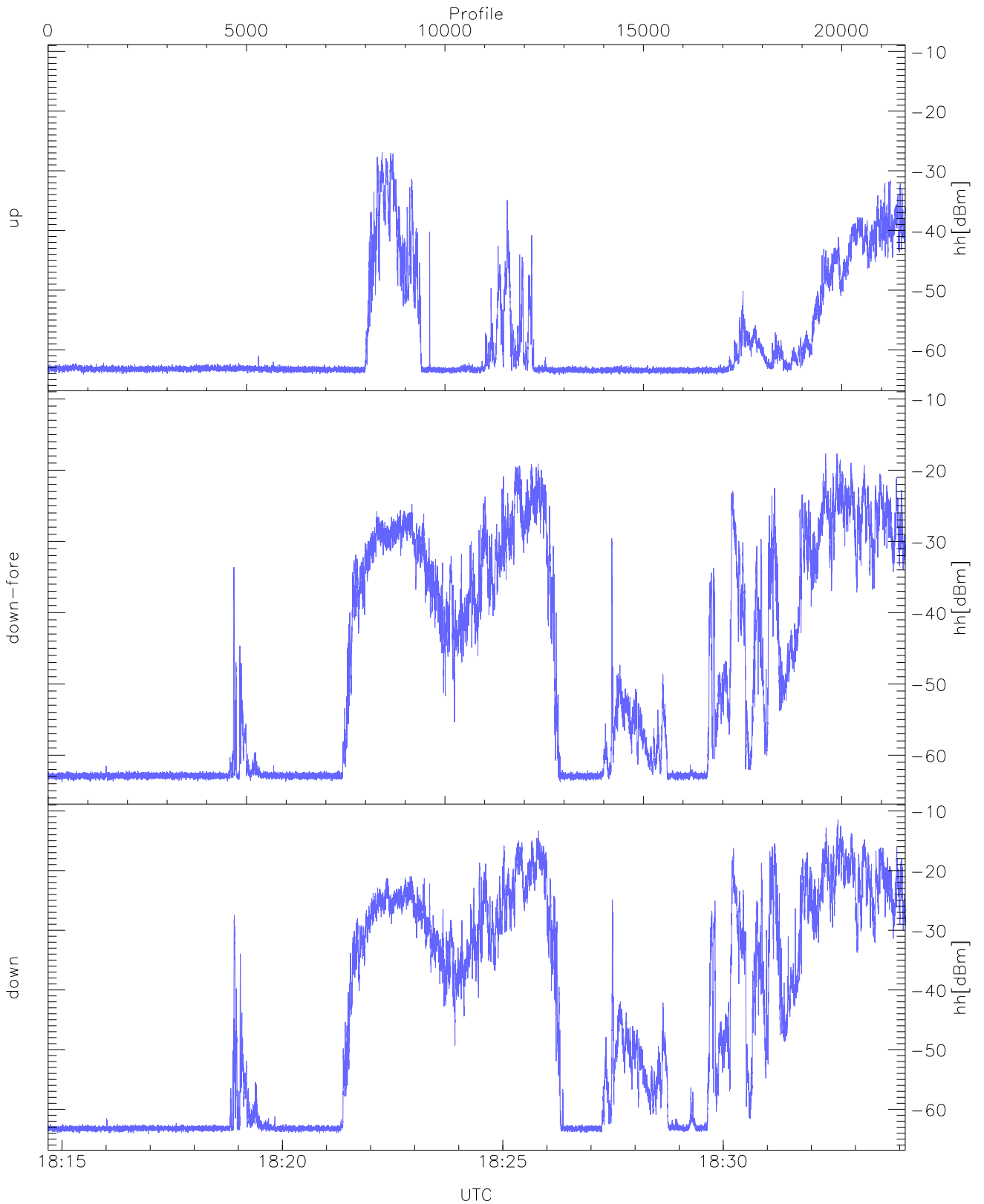
WCR2 CPP Averaged Received power for all recorded gates
blue: 181441-182424, 10801 profiles averaged
red: 182424-183408, 10800 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 181441-182424, 10801 profiles averaged
red: 182424-183408, 10800 profiles averaged

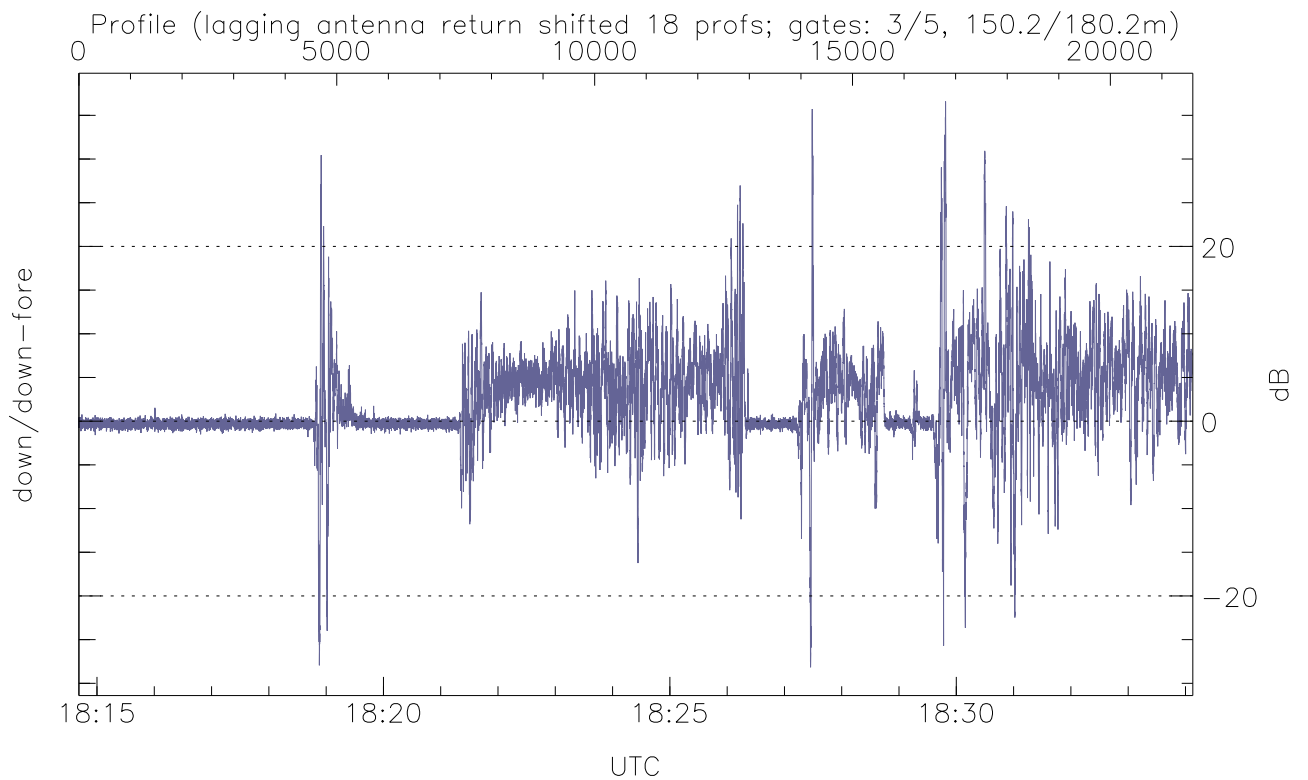
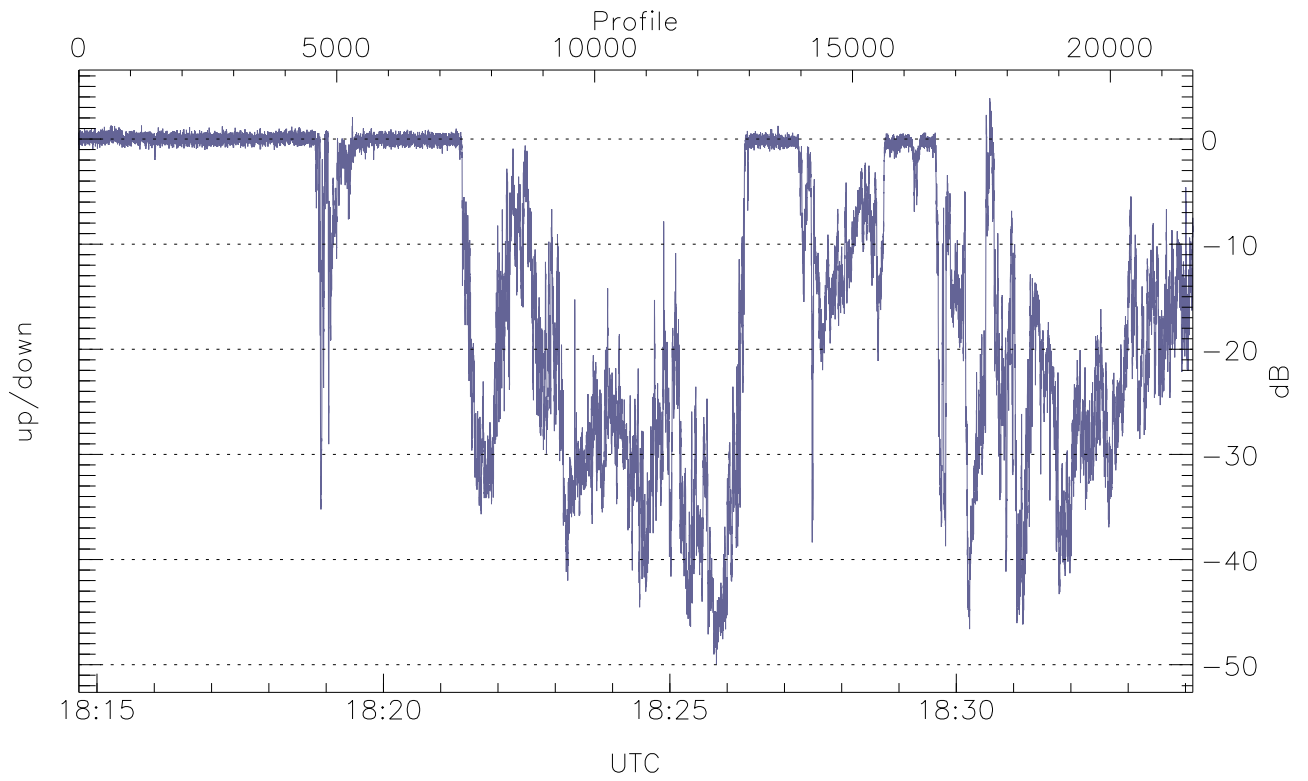


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



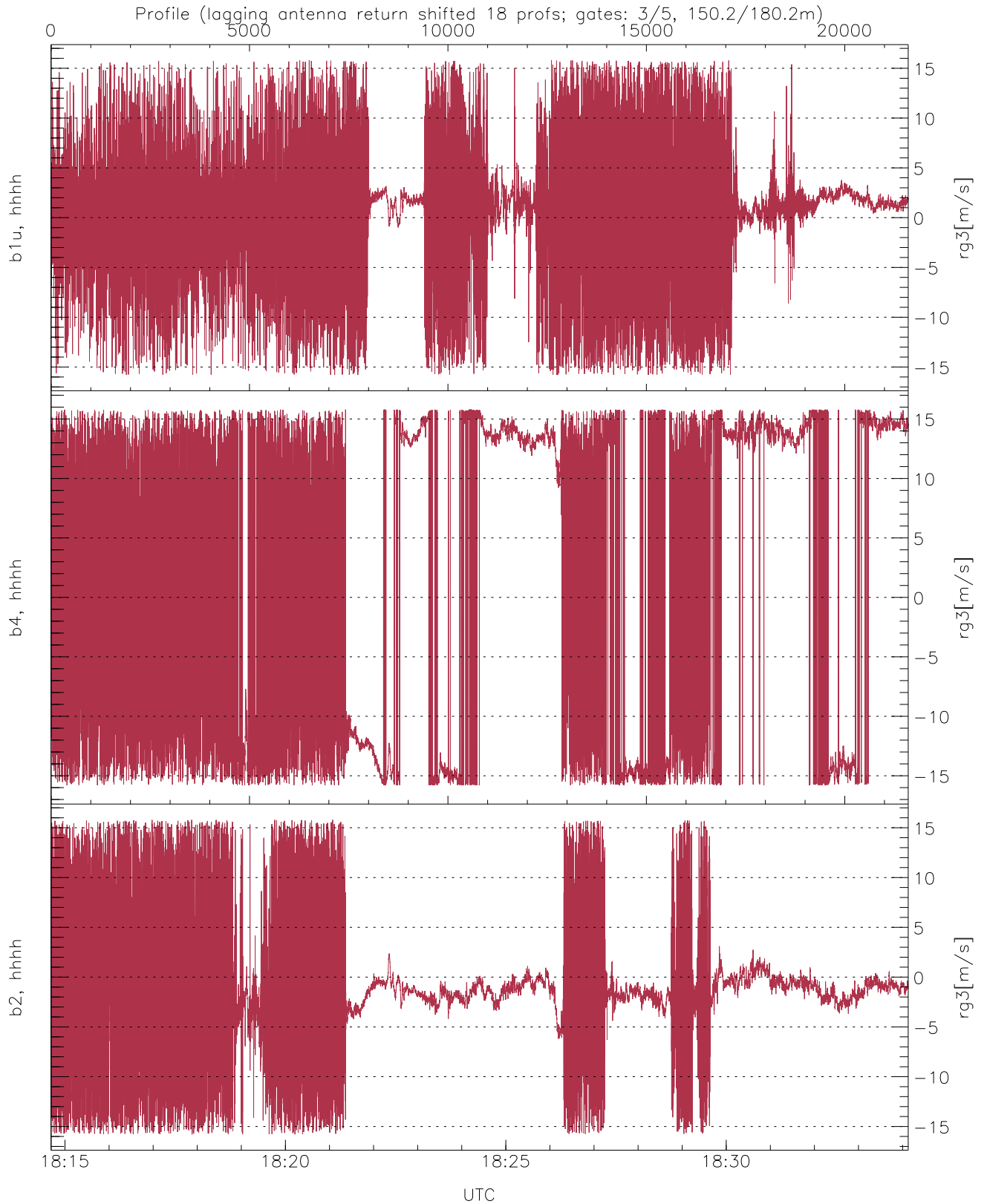
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-64.22	-26.92	-45.67
down-fore(hh[dBm])	-63.78	-17.65	-31.72
down(hh[dBm])	-64.12	-11.49	-26.61



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

	Min	Max	Mean
up/down (dB)	-49.94	3.87	-13.20
down/down-fore (dB)	-28.17	36.58	2.39



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.80	15.80	0.40	5.65
b4, hhhh(rg3[m/s])	-15.80	15.80	1.76	12.33
b2, hhhh(rg3[m/s])	-15.79	15.79	-1.12	5.65