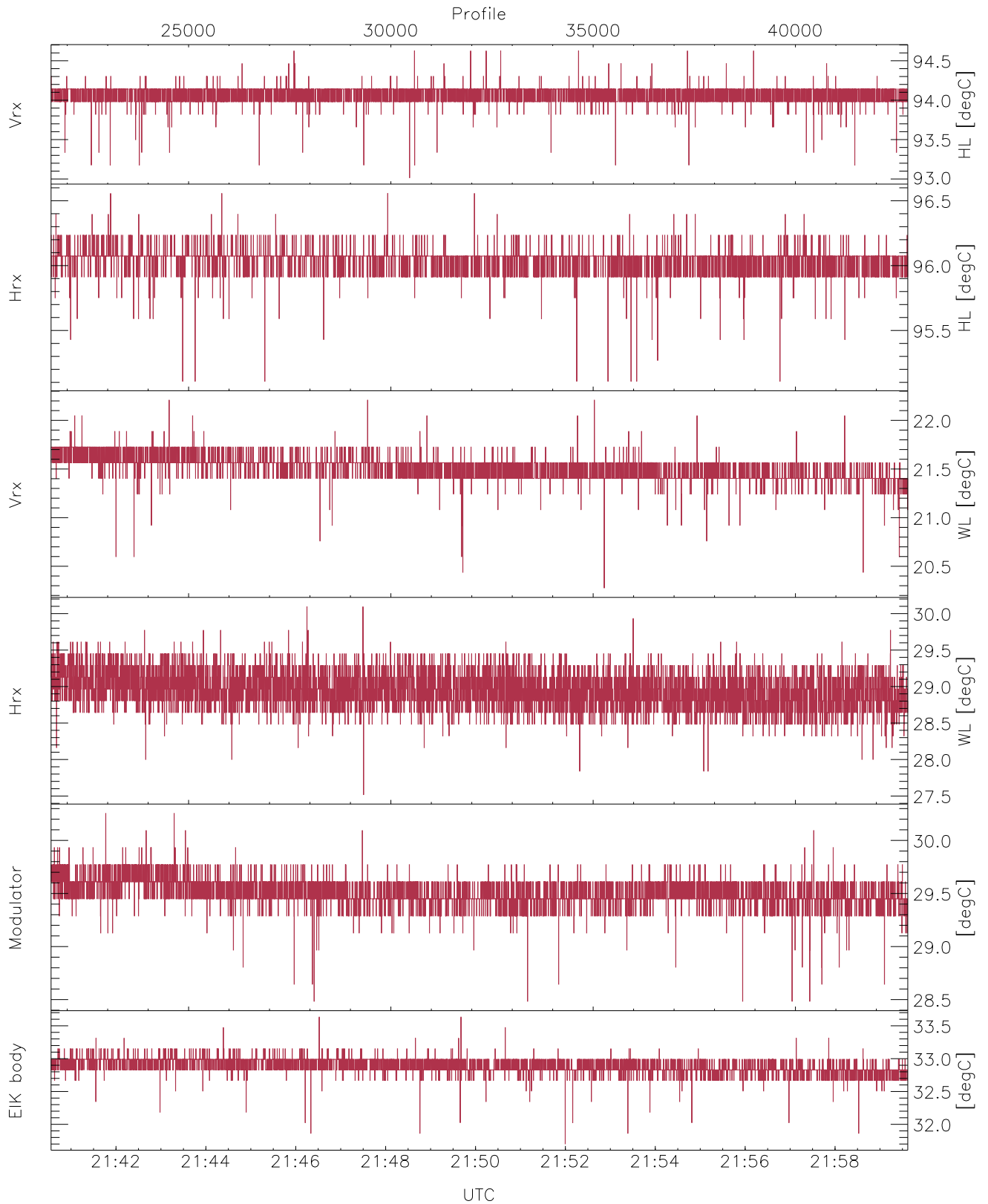


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

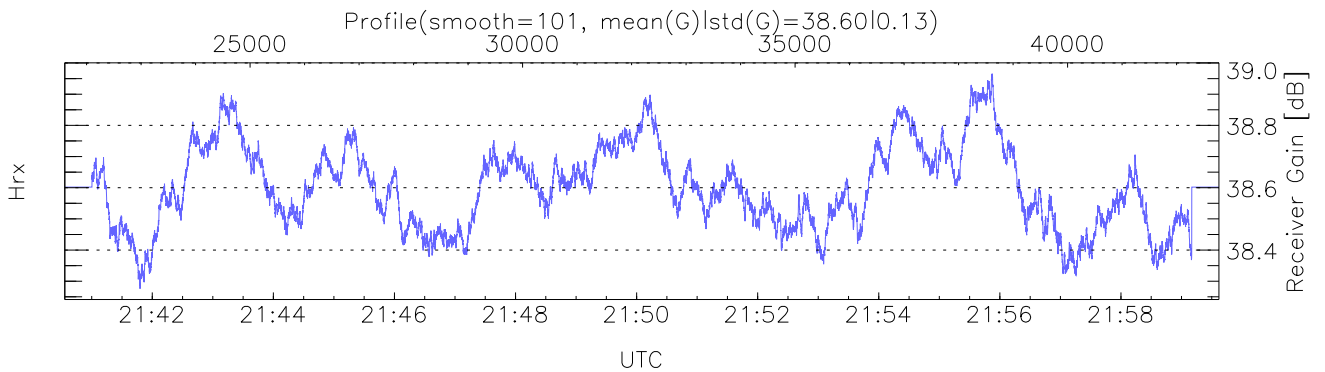
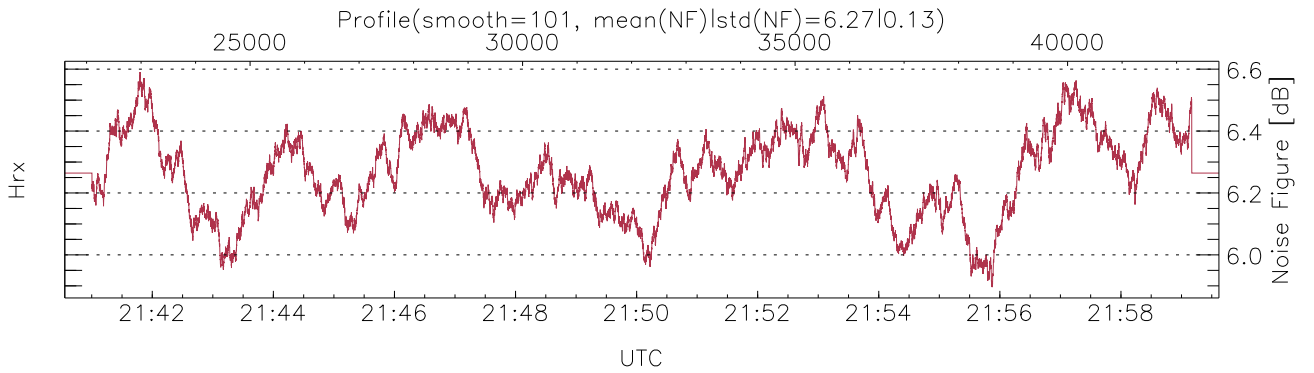
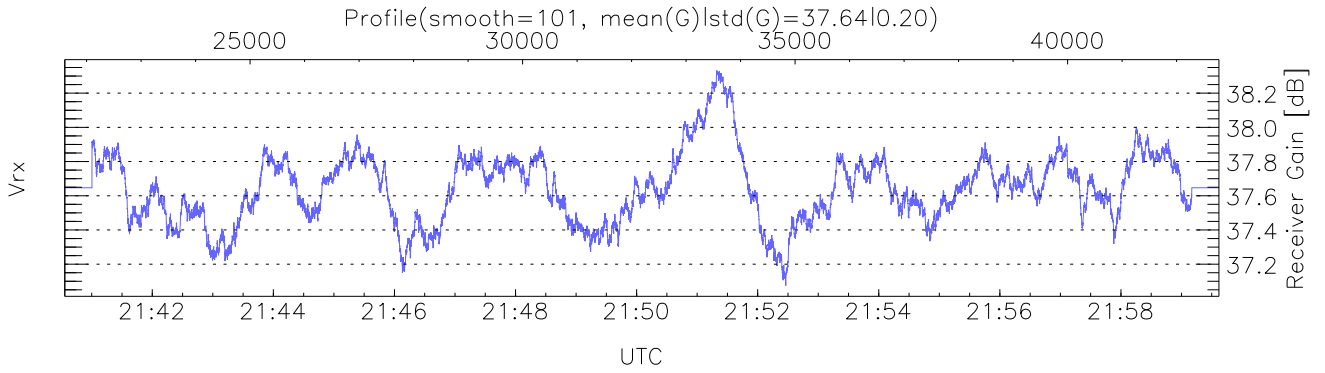
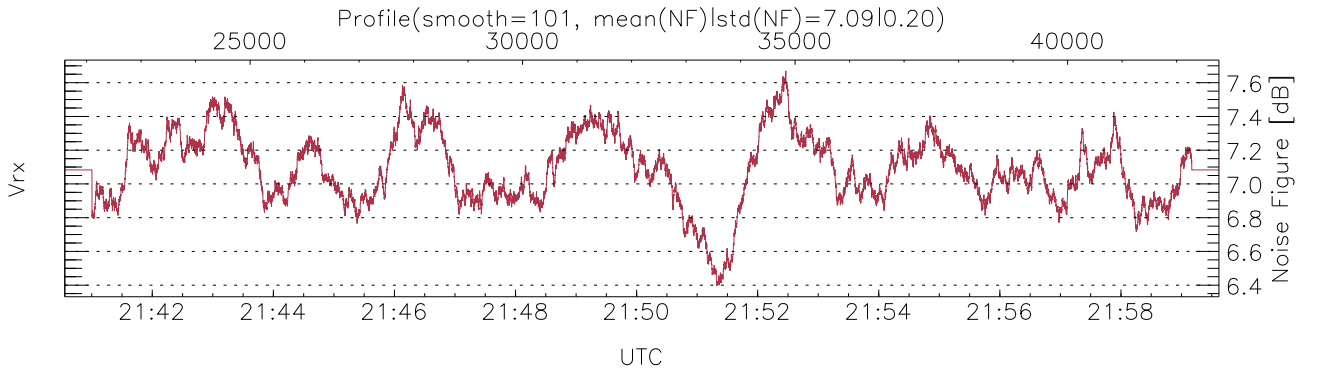
UTC: 21:21:07-21:59:37, Dur: 2310.54s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 19,19,19
 NumRec(r/t): 21178/42778, 21600-42777/21:40:33-21:59:37
 AcqTime: 54.0ms, Rate: 287KB/s, Averages: 180
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
 Range(min,max,rgs): 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

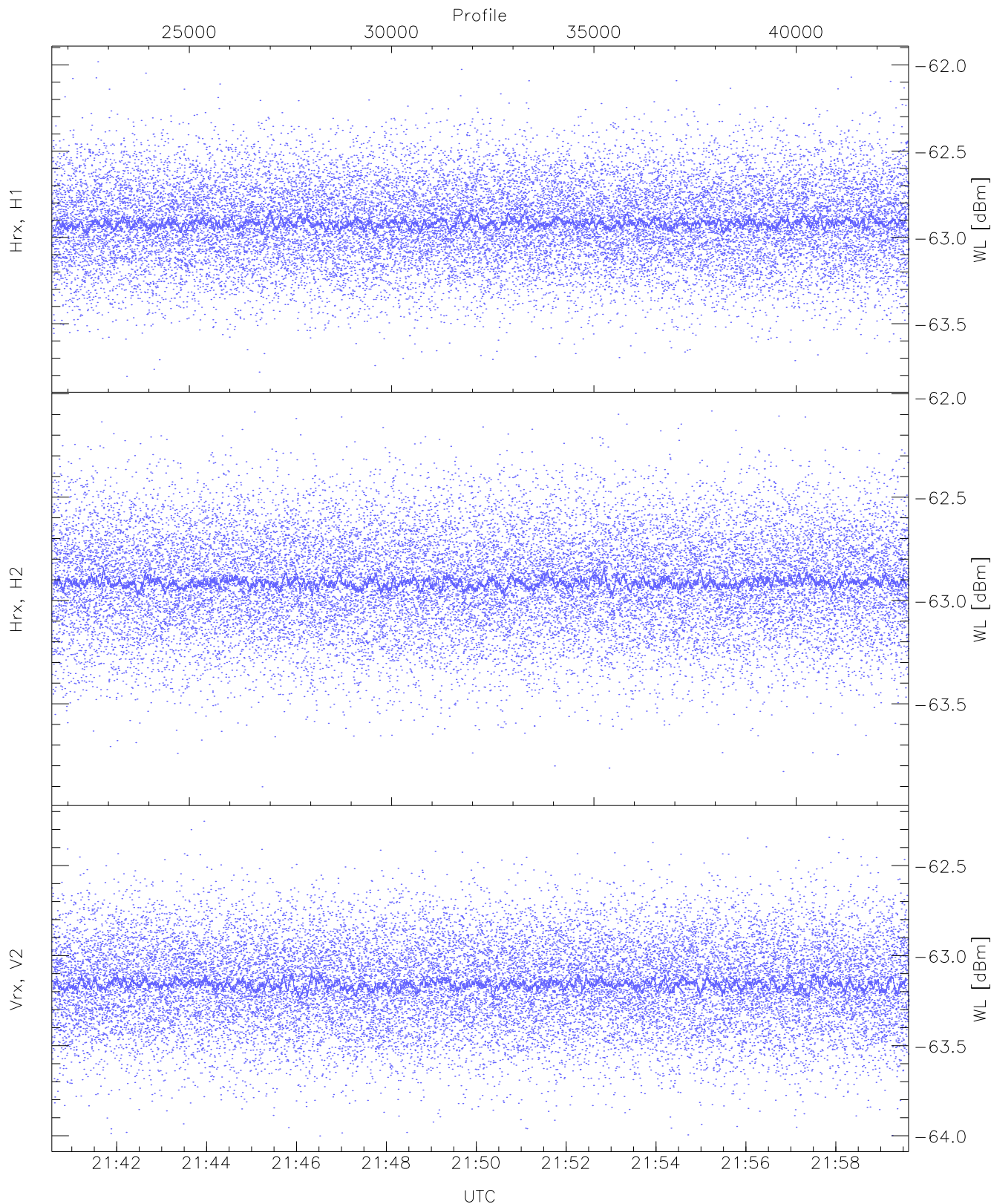
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,20,27,28,31
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,22,30,30,33
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
  DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (15,15,20,20,20,10)
    
```



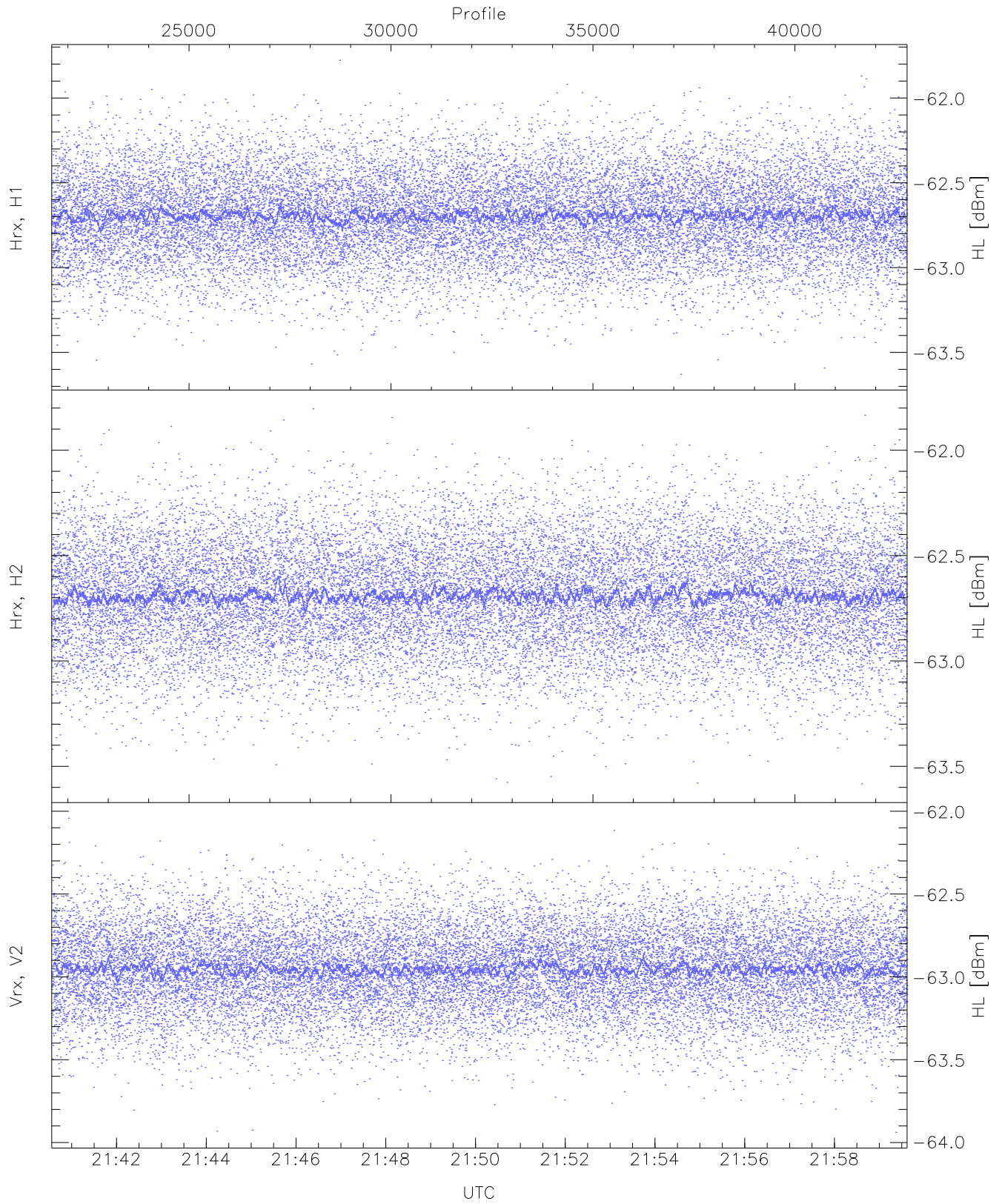
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 625 pixs, 27 gates, 613 profs, 1 prods



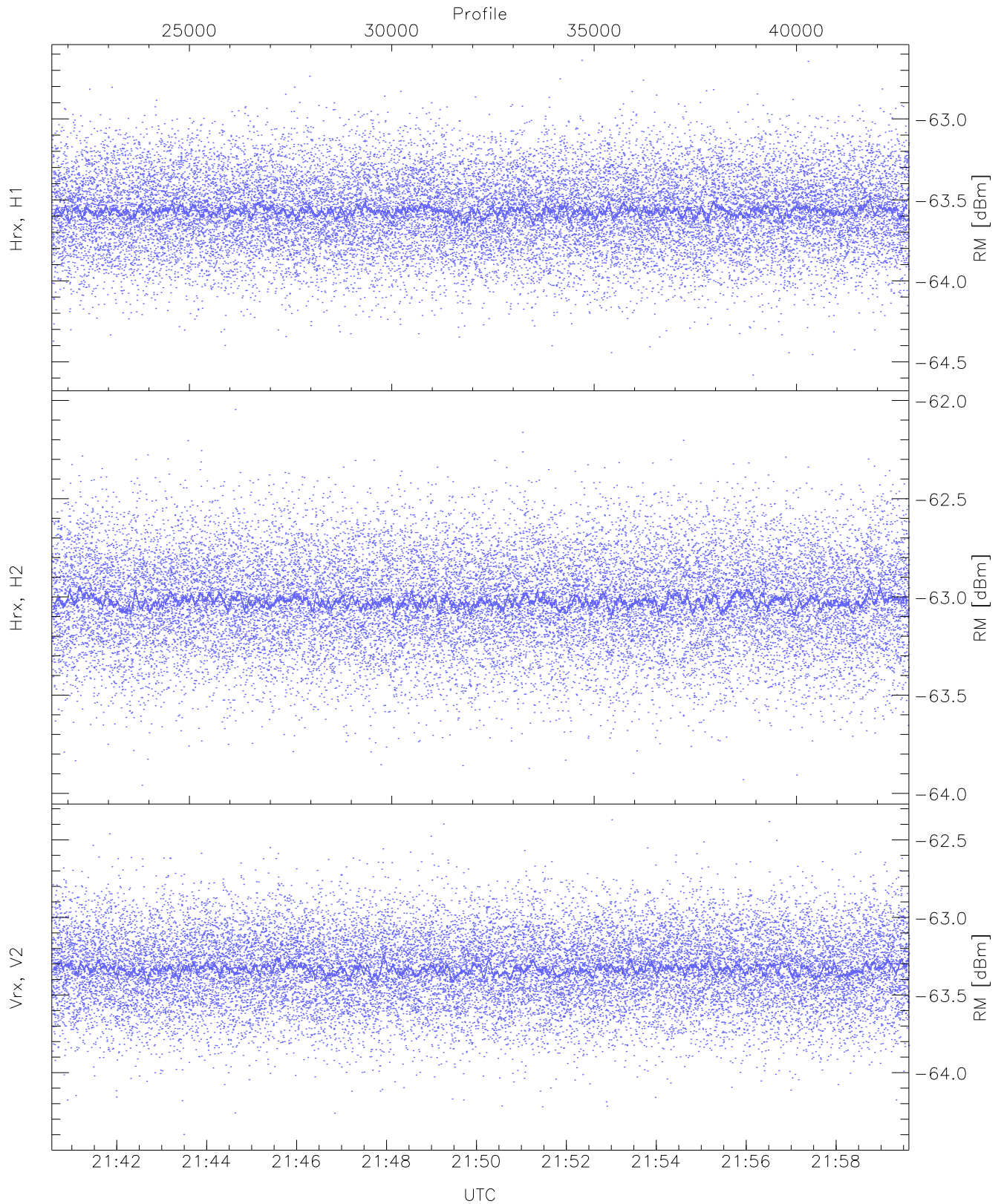
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.81	-61.98	-62.91	-62.92	-75.64
Hrx, H2(WL [dBm])	-63.90	-62.08	-62.91	-62.91	-75.62
Vrx, V2(WL [dBm])	-64.00	-62.25	-63.16	-63.16	-75.84



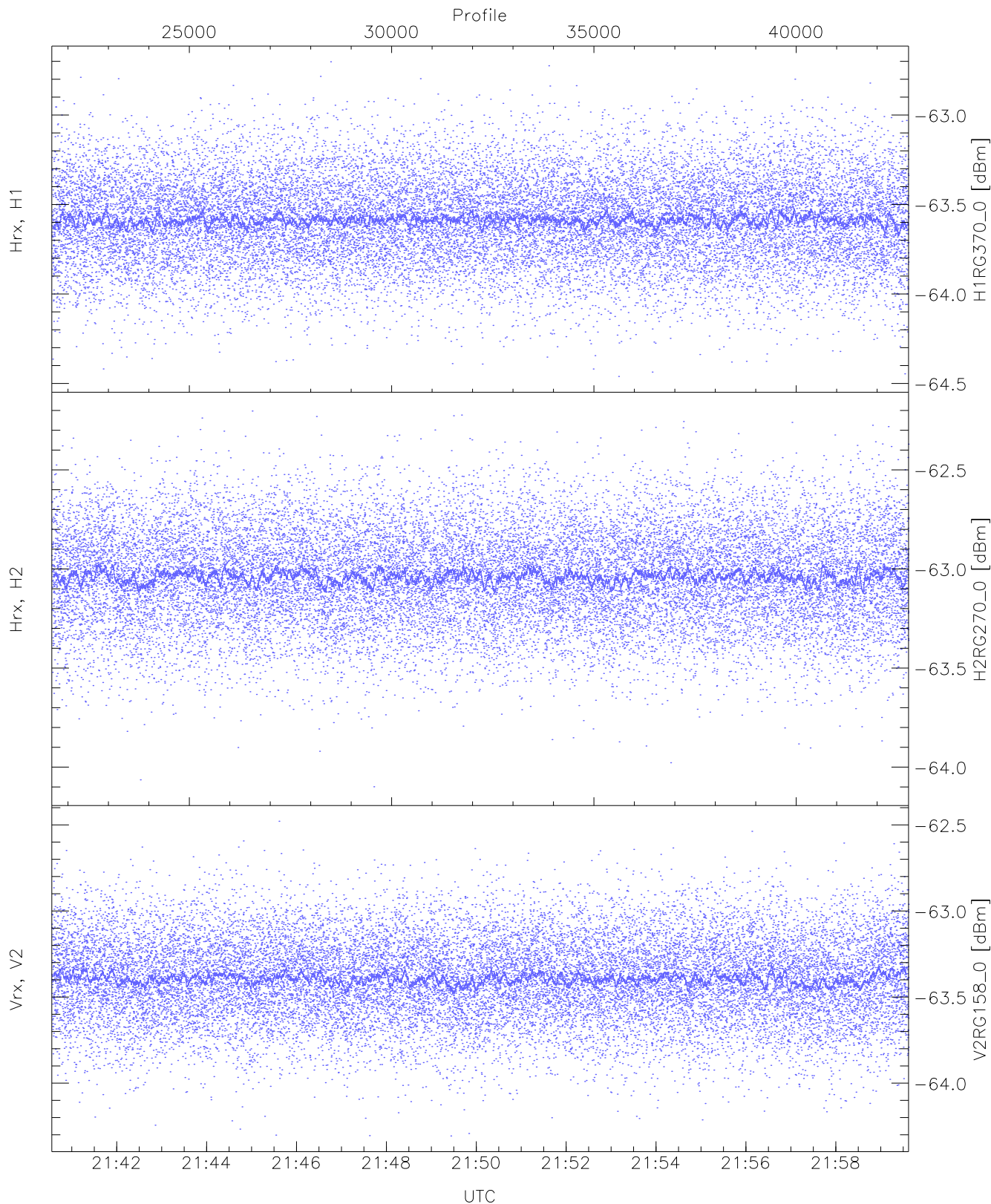
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.63	-61.78	-62.69	-62.70	-75.39
Hrx, H2 (HL [dBm])	-63.58	-61.80	-62.69	-62.69	-75.37
Vrx, V2 (HL [dBm])	-63.94	-62.04	-62.95	-62.96	-75.68



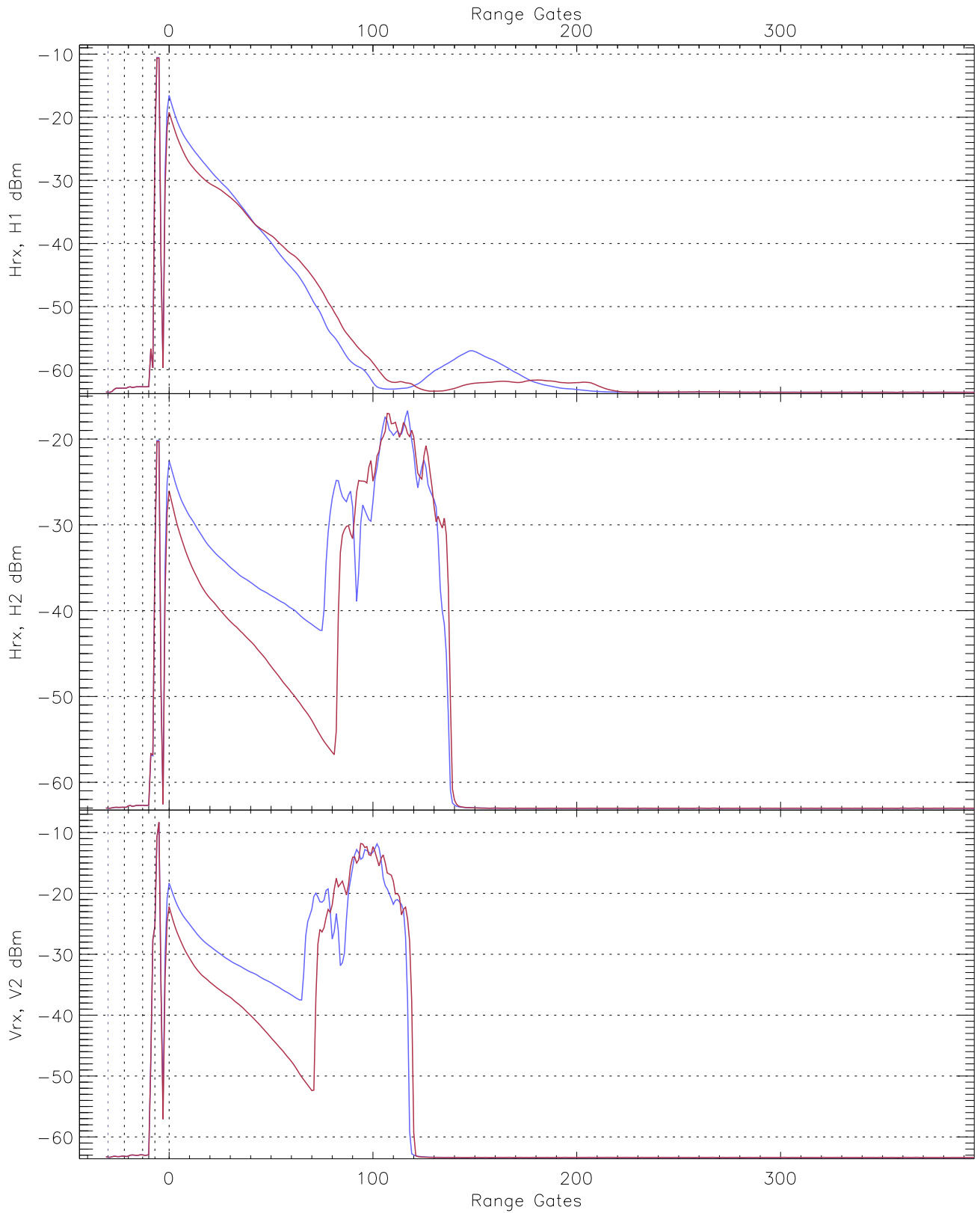
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.58	-62.64	-63.57	-63.57	-76.28
Hrx, H2 (RM [dBm])	-63.96	-62.05	-63.02	-63.03	-75.75
Vrx, V2 (RM [dBm])	-64.40	-62.37	-63.33	-63.33	-76.00

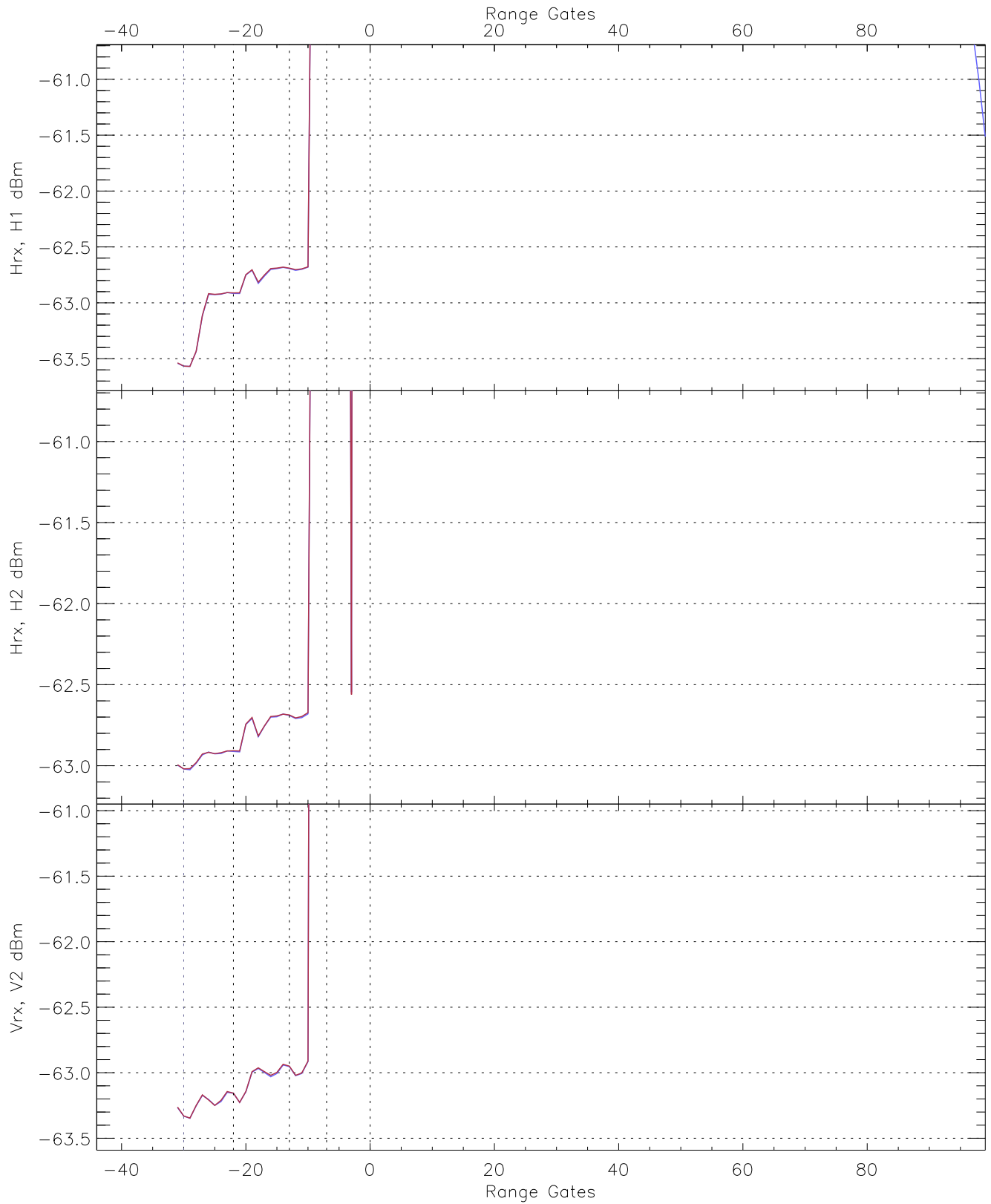


WCR2 CPP "Best" estimate Receivers Noise Power

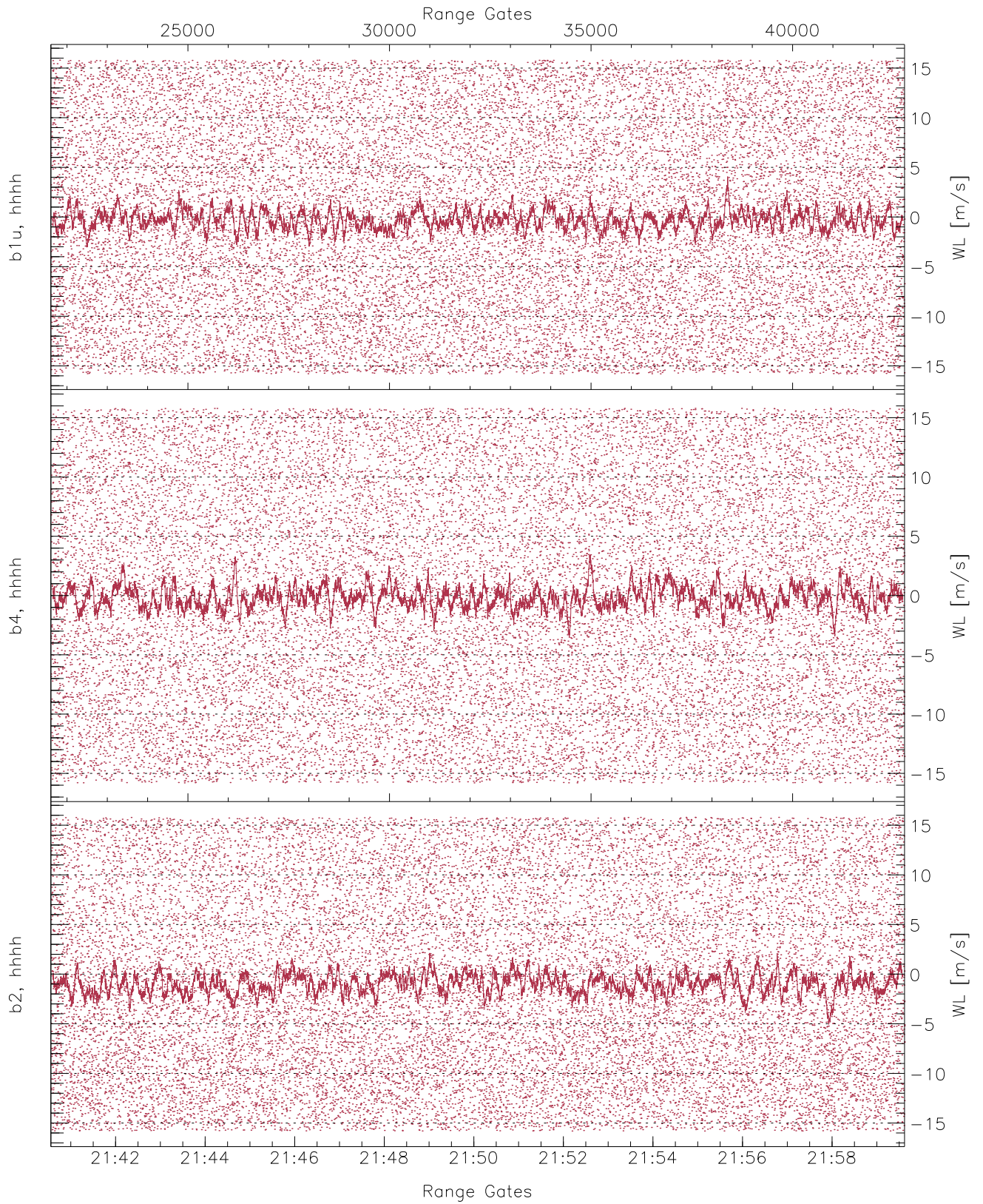
	Min	Max	Mean	Median	StDev
H1RG370_0 [dBm]	-64.46	-62.70	-63.58	-63.59	-76.29
H2RG270_0 [dBm]	-64.10	-62.20	-63.04	-63.04	-75.78
V2RG158_0 [dBm]	-64.31	-62.48	-63.39	-63.40	-76.08



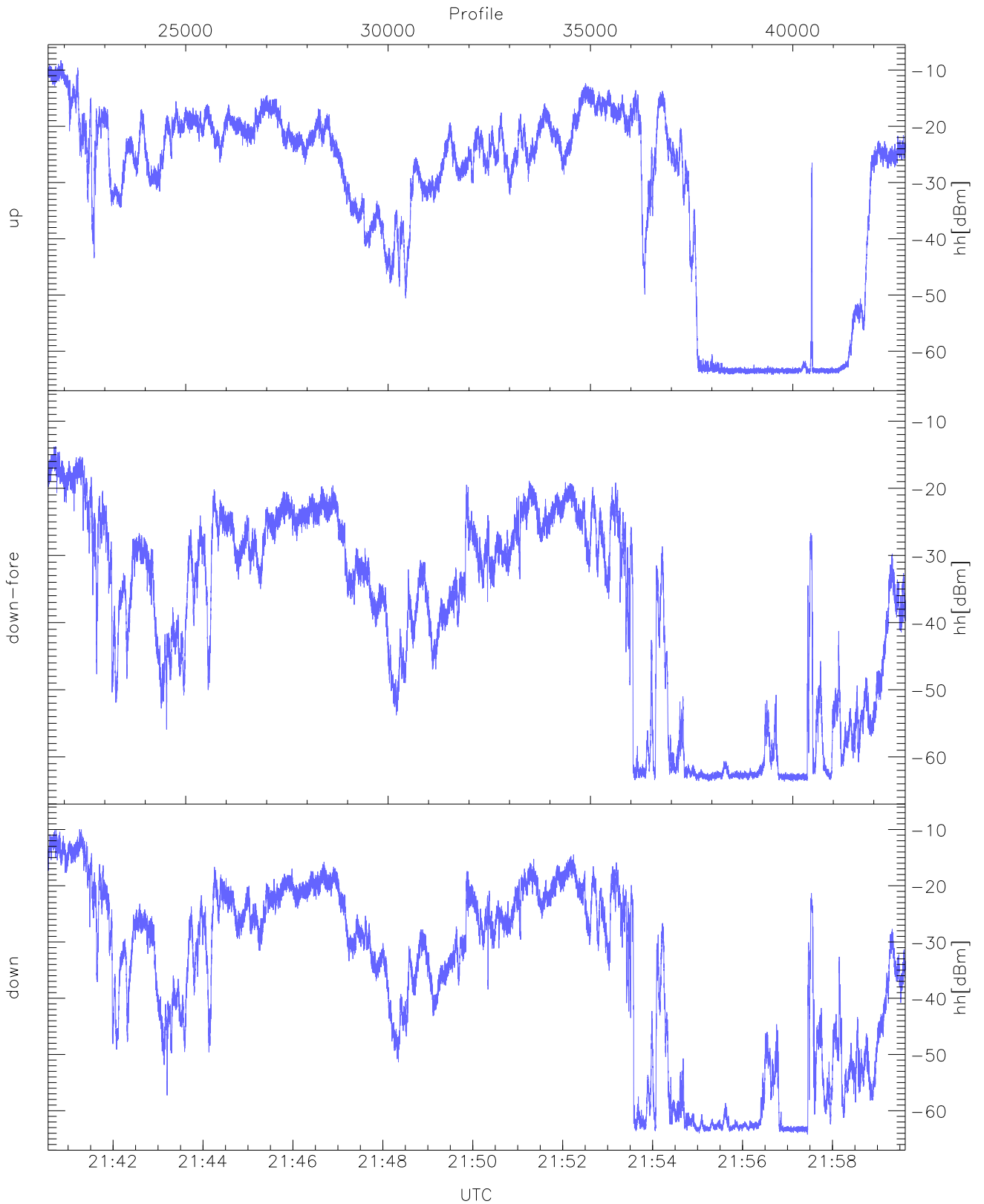
WCR2 CPP Averaged Received power for all recorded gates
blue: 214033-215005, 10590 profiles averaged
red: 215005-215937, 10589 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 214033-215005, 10590 profiles averaged
red: 215005-215937, 10589 profiles averaged

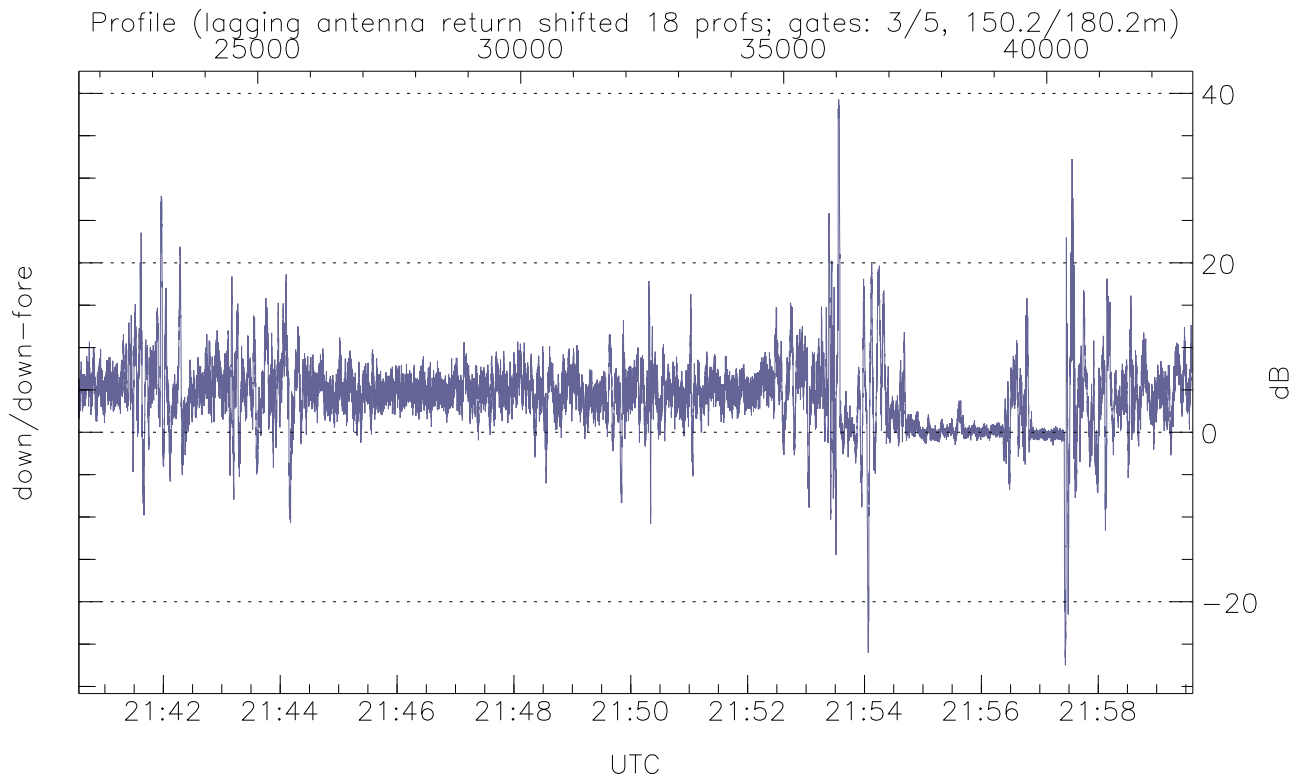
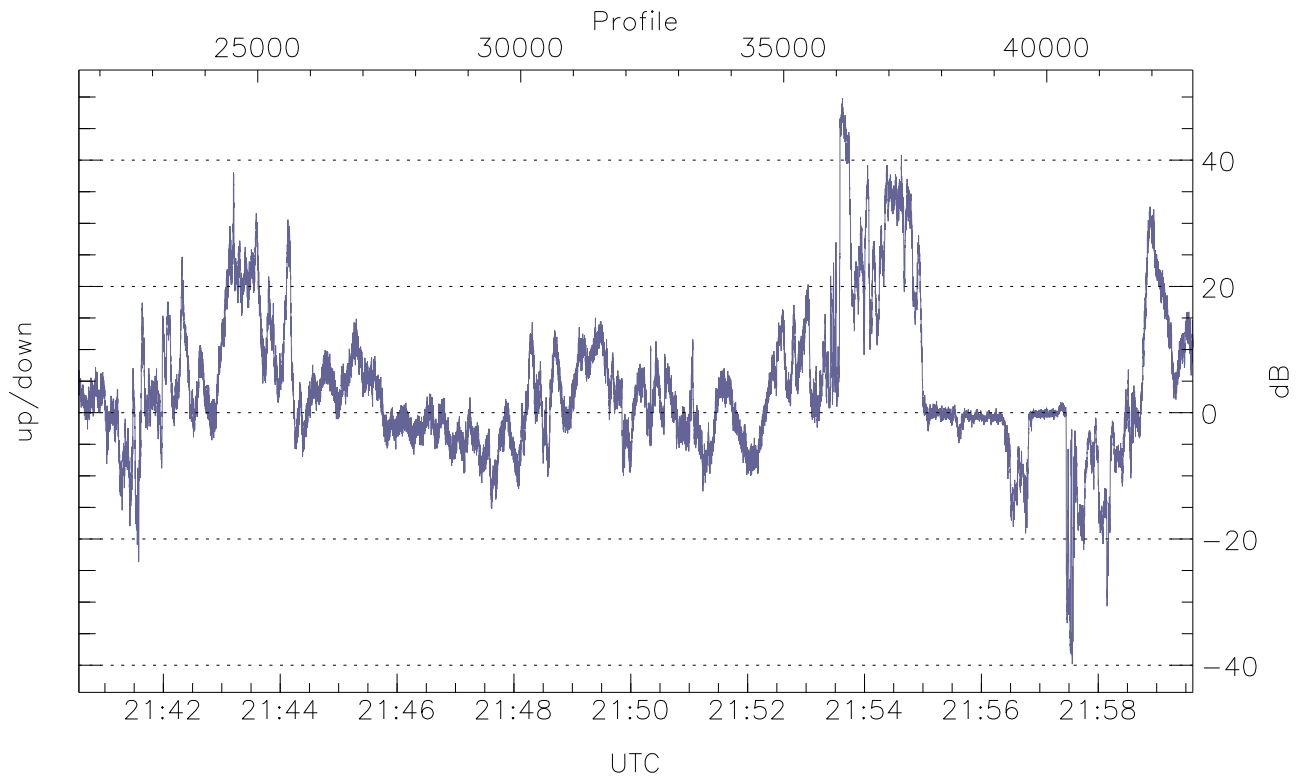


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



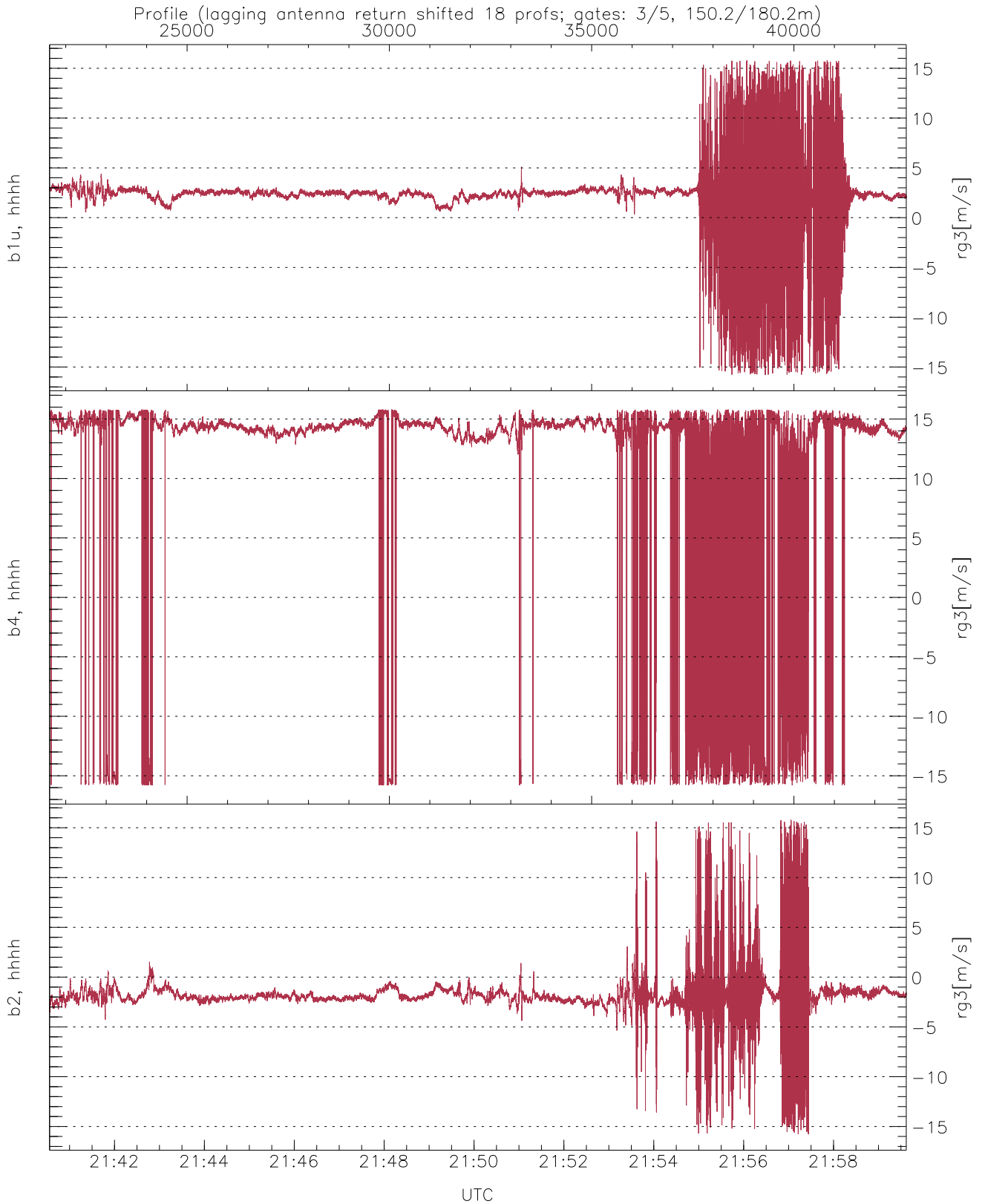
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-64.19	-8.27	-20.85
down-fore(hh[dBm])	-63.66	-13.75	-26.62
down(hh[dBm])	-64.22	-9.96	-22.81



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

	Min	Max	Mean
up/down (dB)	-39.81	49.80	3.88
down/down-fore (dB)	-27.50	39.28	4.33



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.79	15.80	2.04	3.20
b4, hhhh(rg3[m/s])	-15.80	15.80	11.11	8.71
b2, hhhh(rg3[m/s])	-15.78	15.79	-1.81	2.27