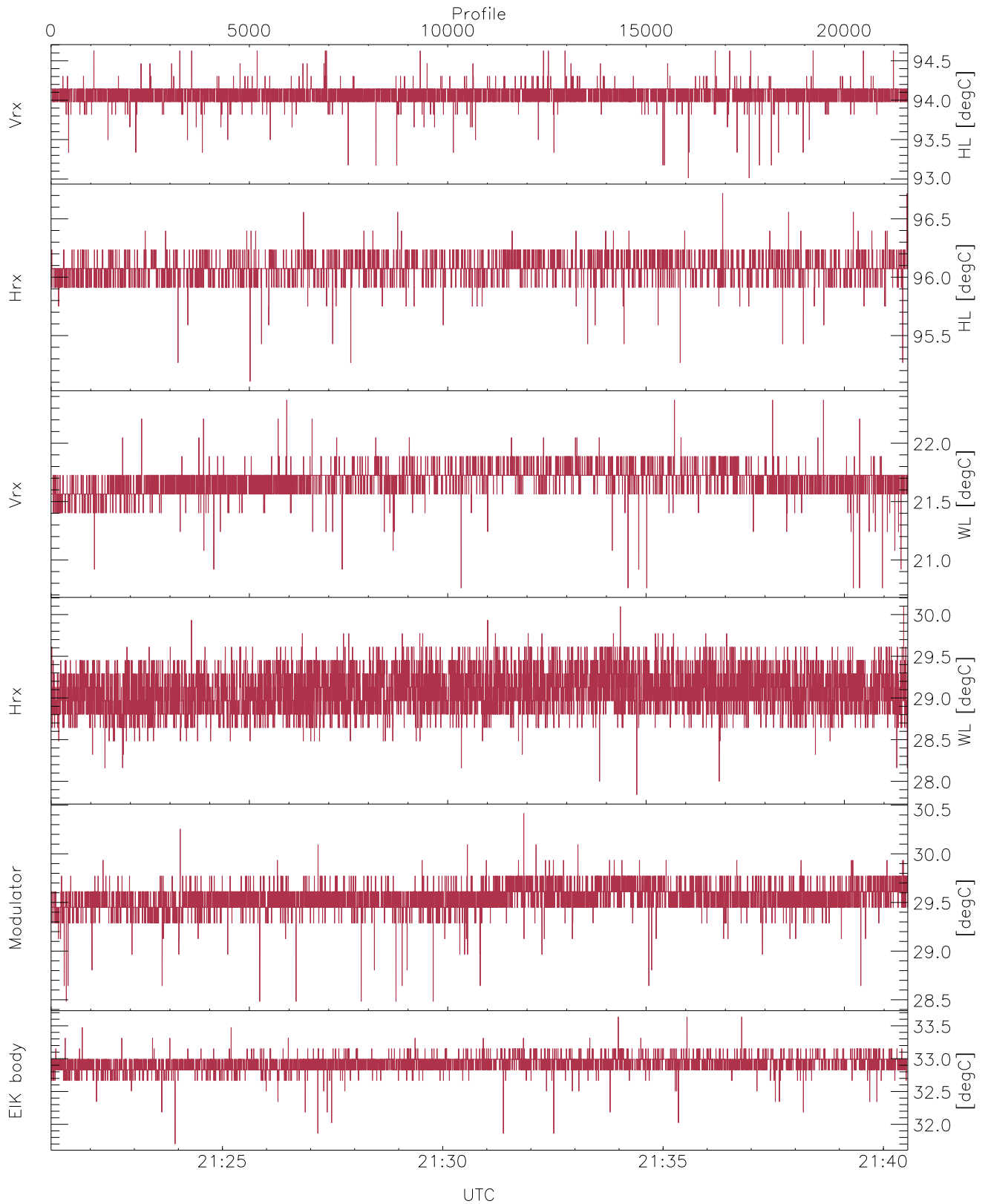


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

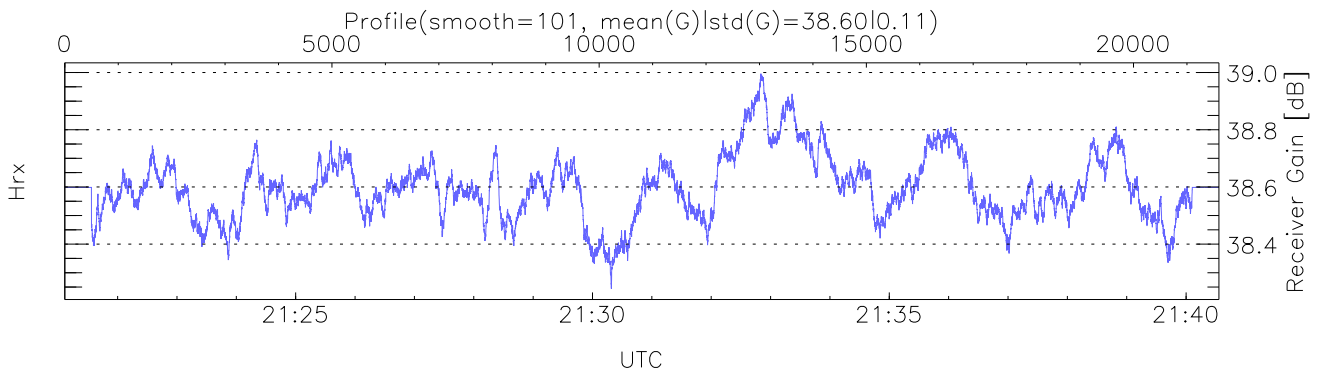
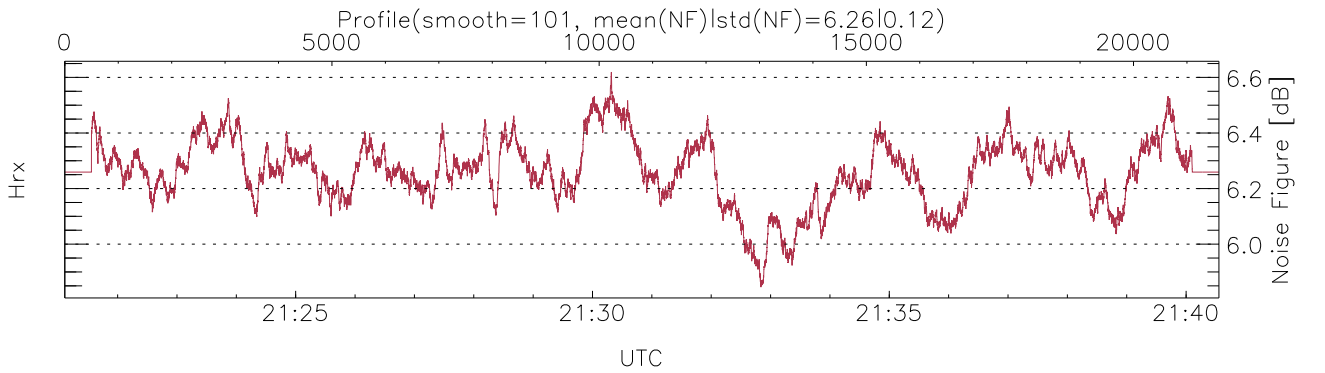
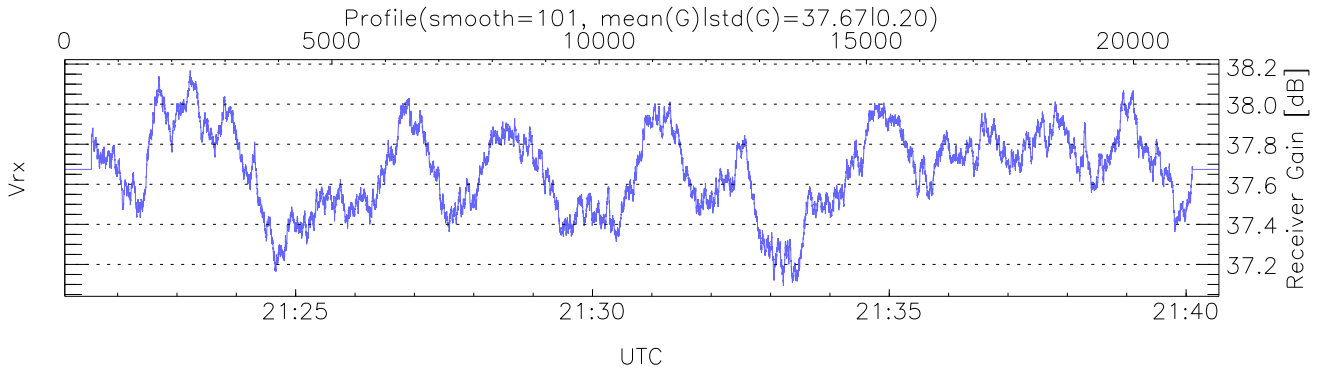
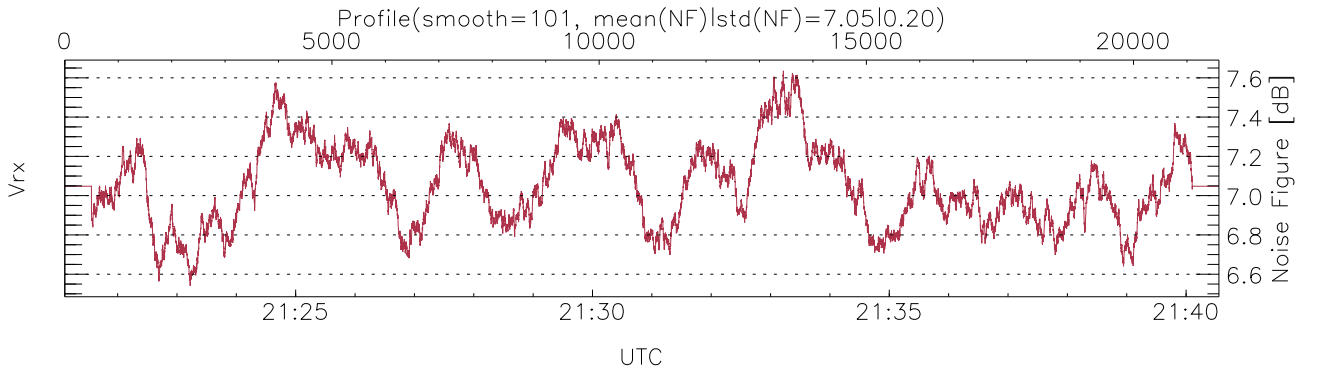
UTC: 21:21:07-21:59:37, Dur: 2310.54s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 19,19,19
 NumRec(r/t): 21600/42778, 0-21599/21:21:07-21:40:33
 AcqTime: 54.0ms, Rate: 287KB/s, Averages: 180
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 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

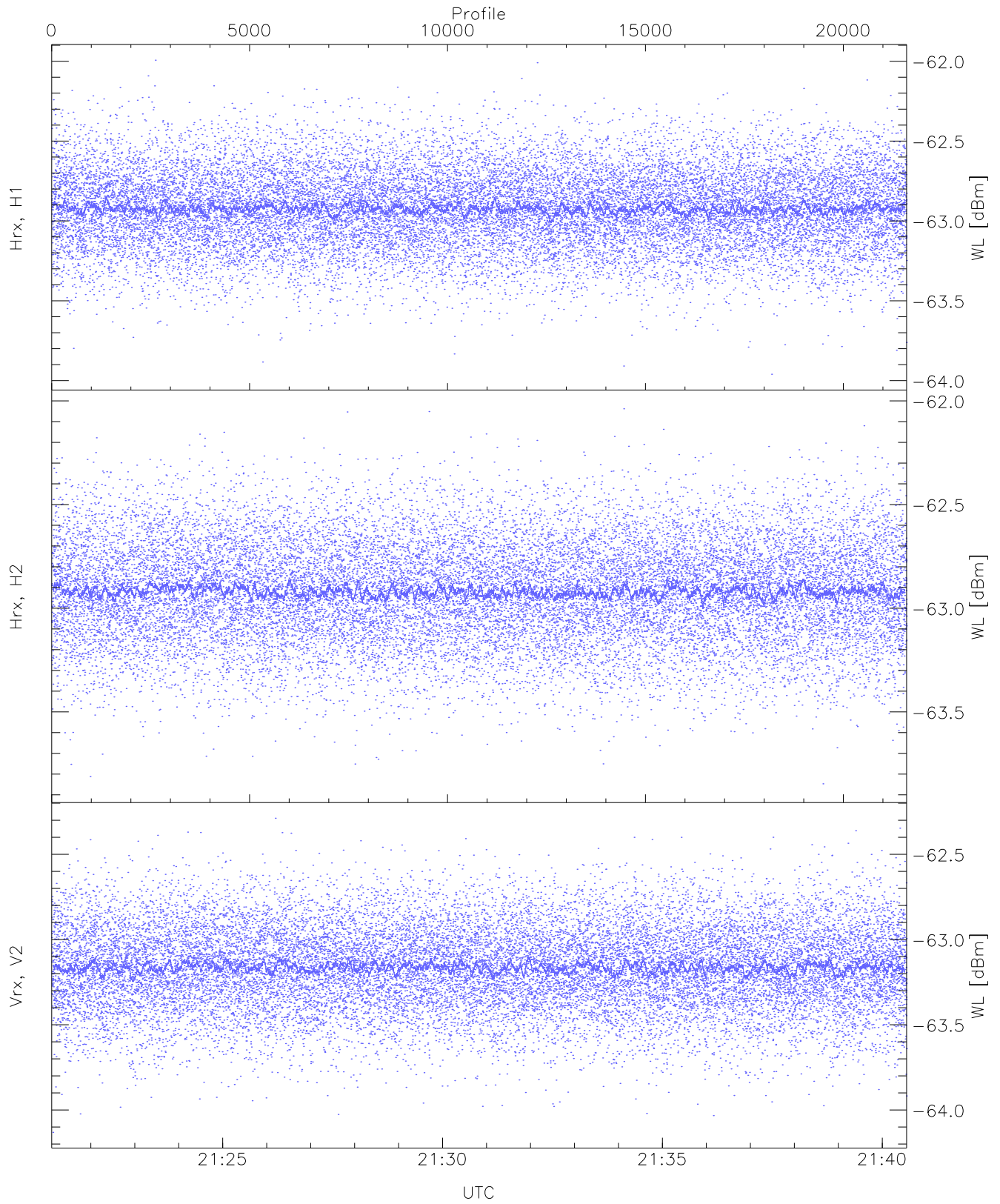
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,20,27,28,31
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 (5,5,5,5,5,10)
    
```



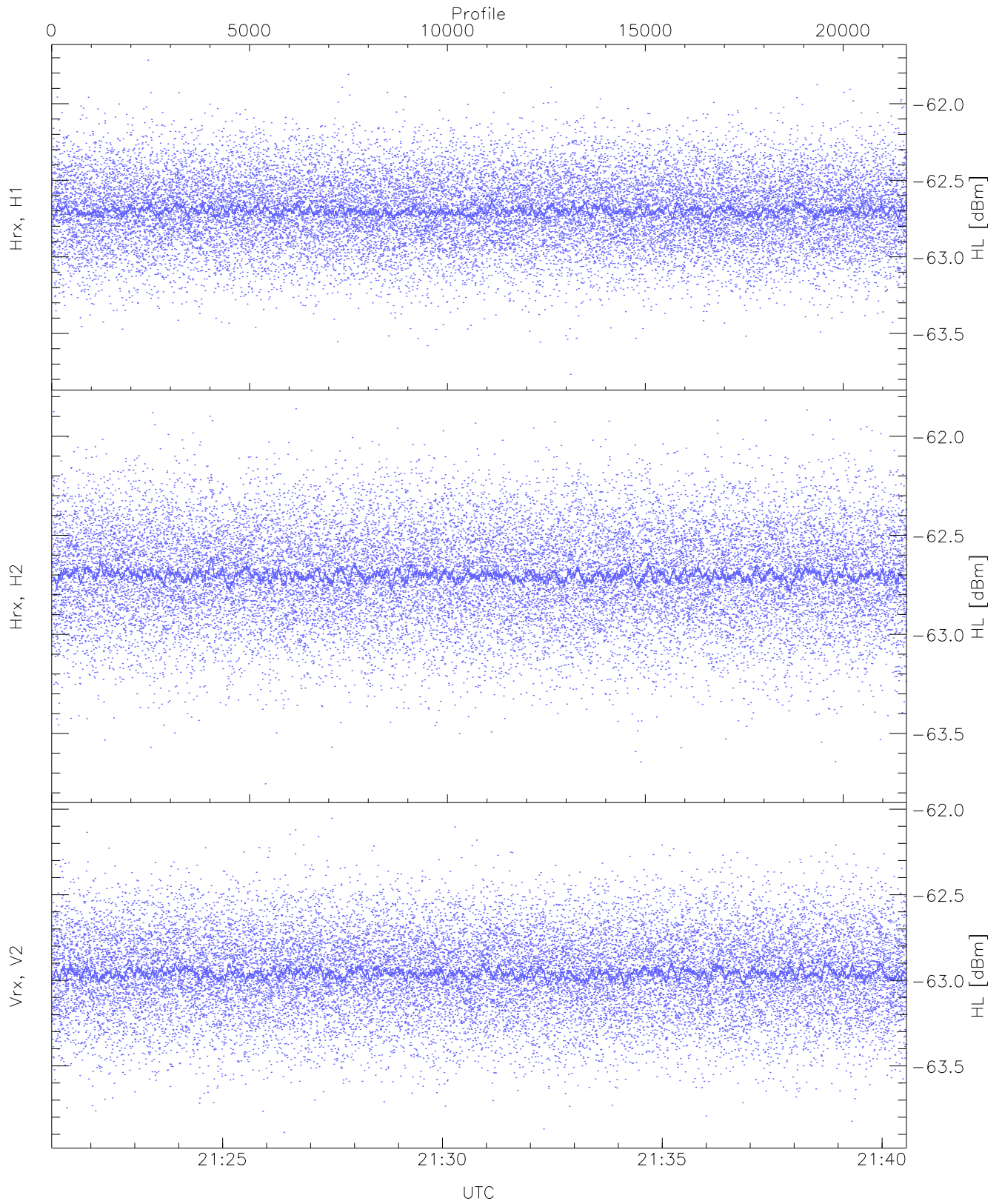
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 1964 pixs, 52 gates, 1938 profs, 2 prods



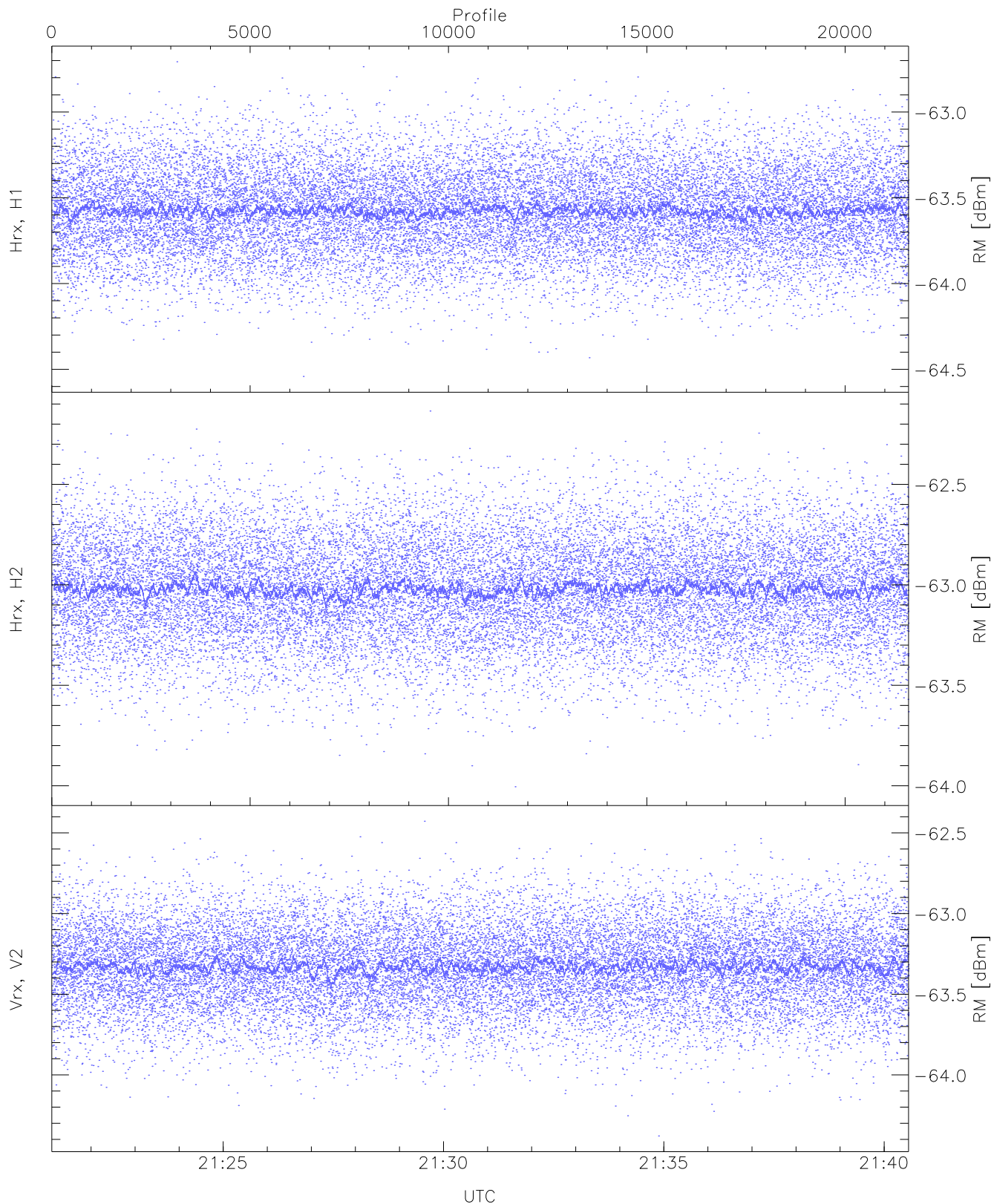
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.96	-61.99	-62.92	-62.92	-75.62
Hrx, H2(WL [dBm])	-63.85	-62.04	-62.92	-62.92	-75.67
Vrx, V2(WL [dBm])	-64.13	-62.29	-63.16	-63.16	-75.87



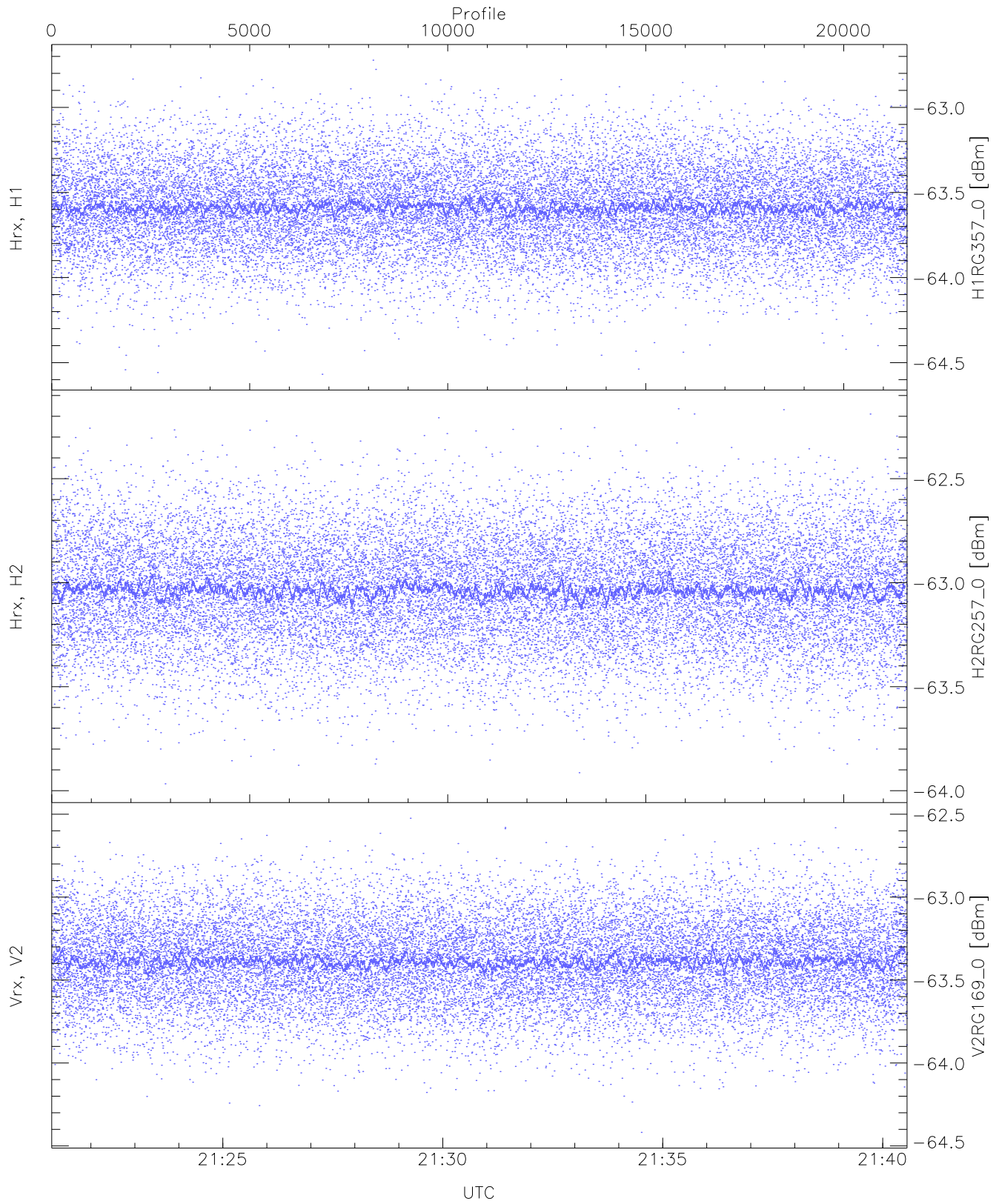
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.77	-61.72	-62.70	-62.70	-75.41
Hrx, H2 (HL [dBm])	-63.75	-61.86	-62.70	-62.70	-75.40
Vrx, V2 (HL [dBm])	-63.89	-62.05	-62.96	-62.96	-75.66



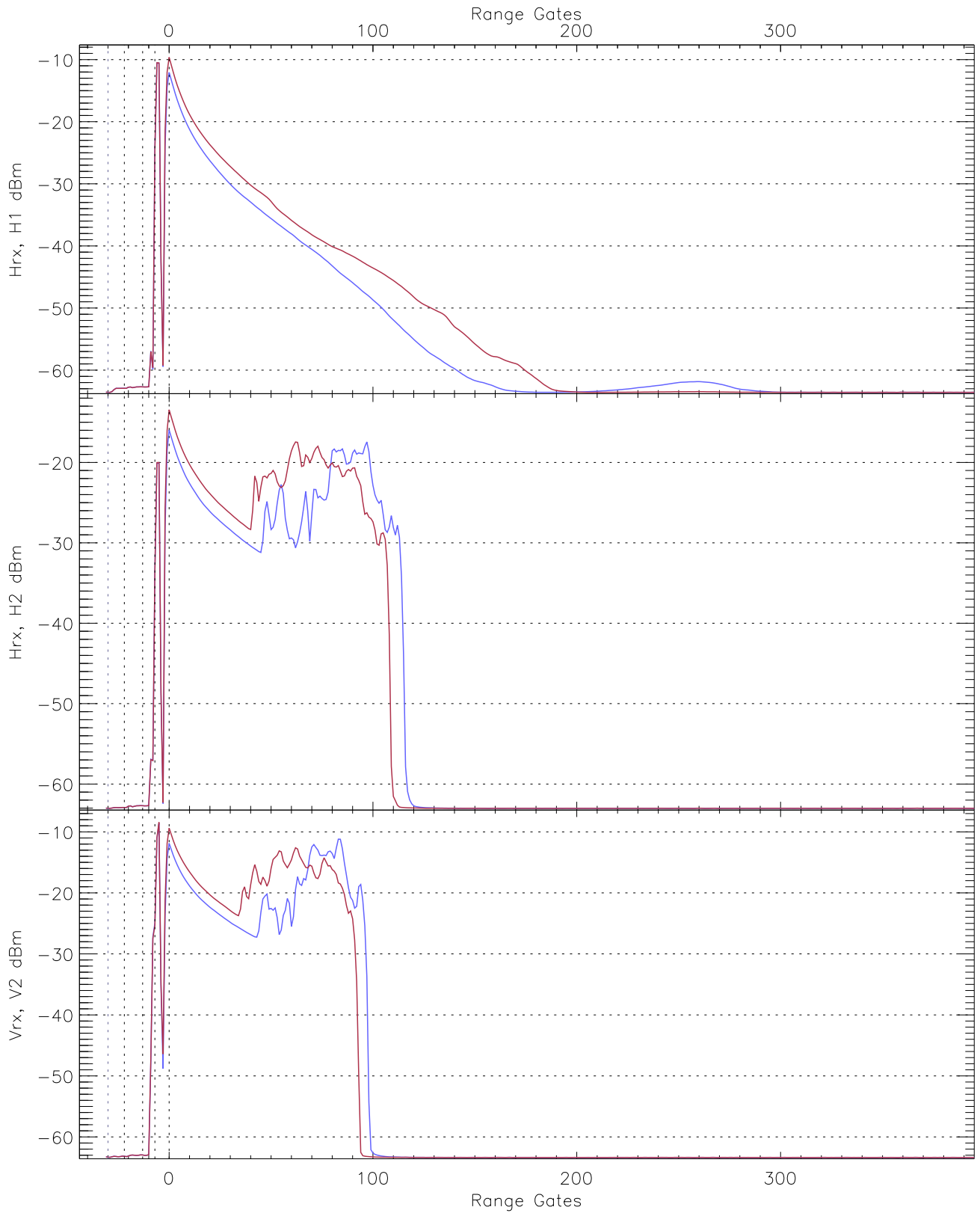
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-64.54	-62.71	-63.57	-63.58	-76.28
Hrx, H2(RM [dBm])	-64.00	-62.13	-63.02	-63.02	-75.72
Vrx, V2(RM [dBm])	-64.38	-62.43	-63.33	-63.33	-76.00

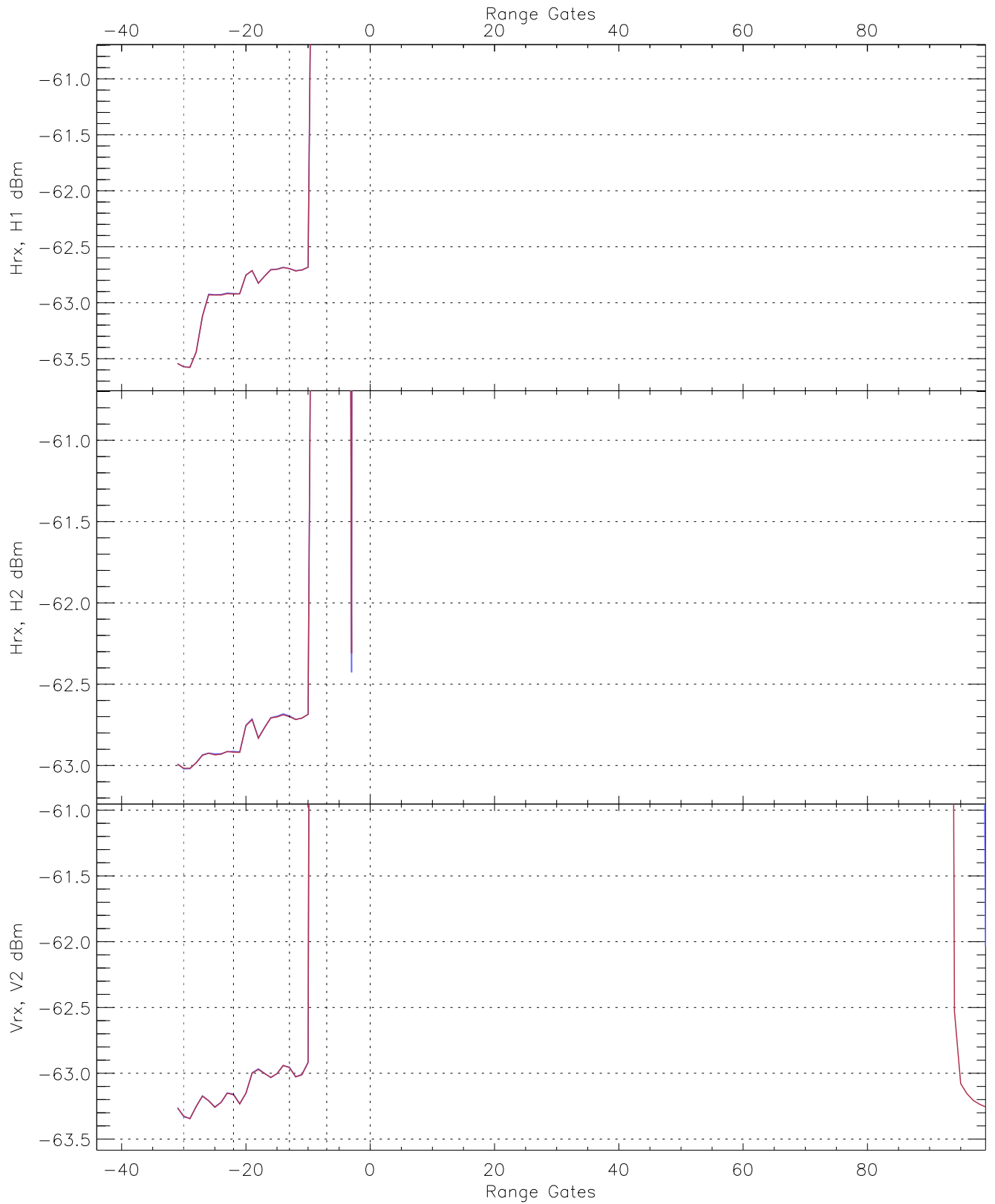


WCR2 CPP "Best" estimate Receivers Noise Power

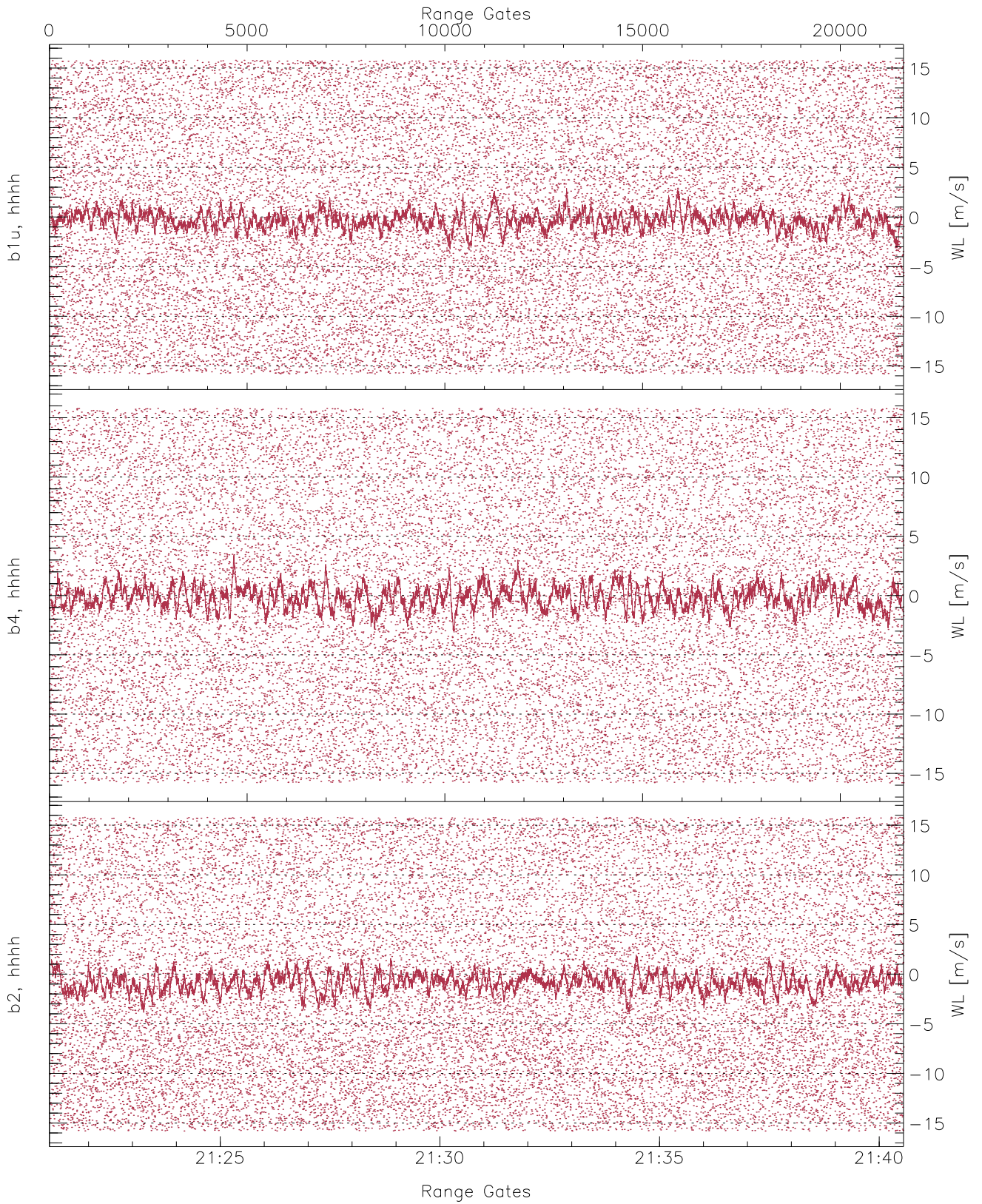
	Min	Max	Mean	Median	StDev
H1RG357_0 [dBm]	-64.57	-62.72	-63.59	-63.59	-76.28
H2RG257_0 [dBm]	-63.97	-62.16	-63.03	-63.04	-75.69
V2RG169_0 [dBm]	-64.42	-62.52	-63.38	-63.39	-76.03



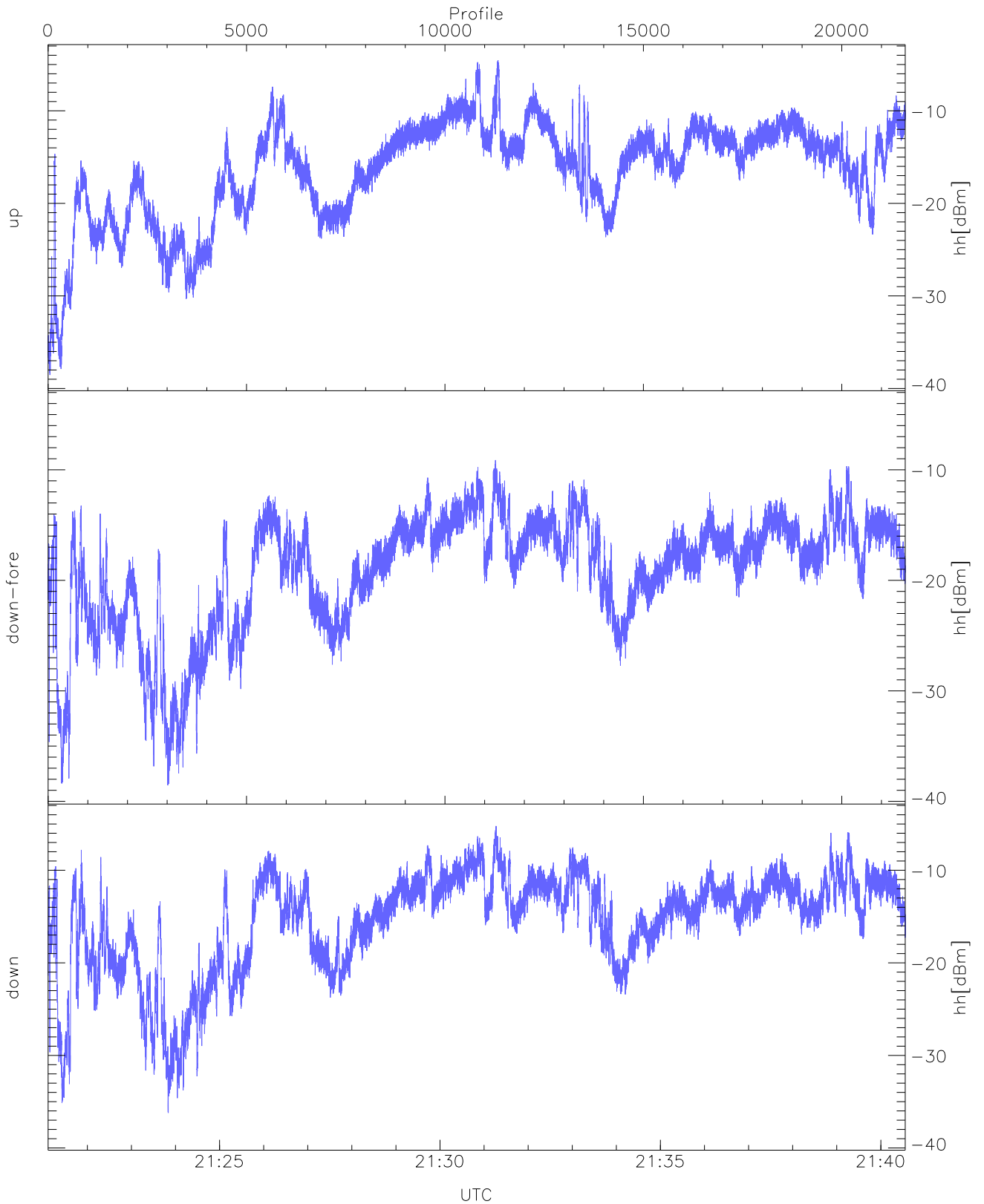
WCR2 CPP Averaged Received power for all recorded gates
blue: 212107-213050, 10801 profiles averaged
red: 213050-214033, 10800 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 212107-213050, 10801 profiles averaged
red: 213050-214033, 10800 profiles averaged

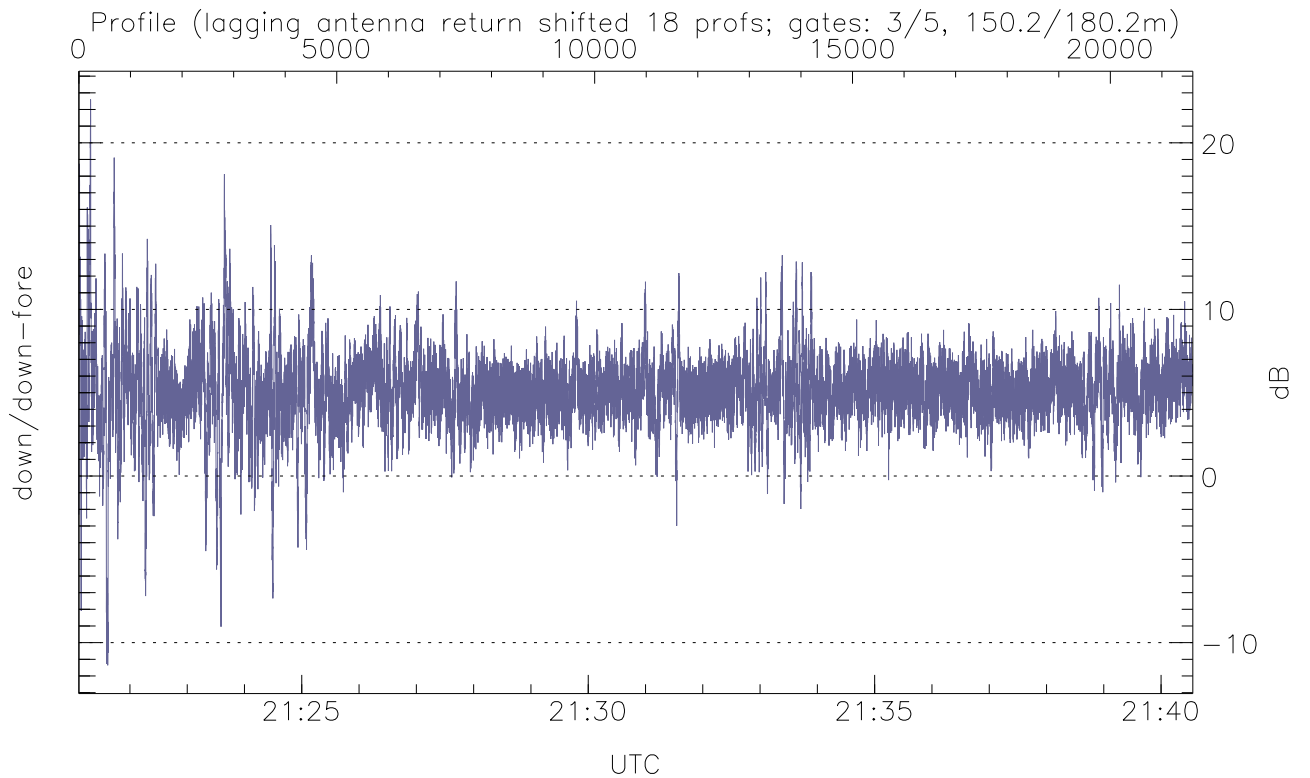
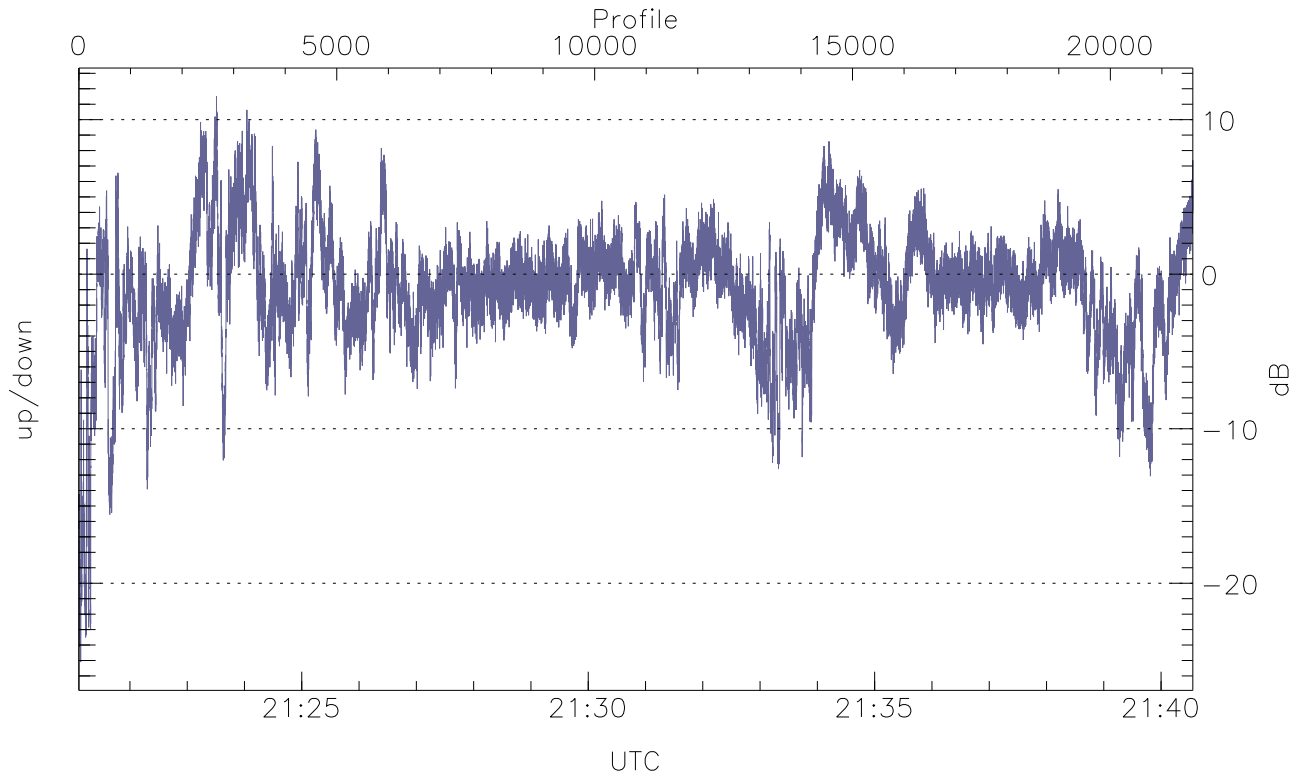


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



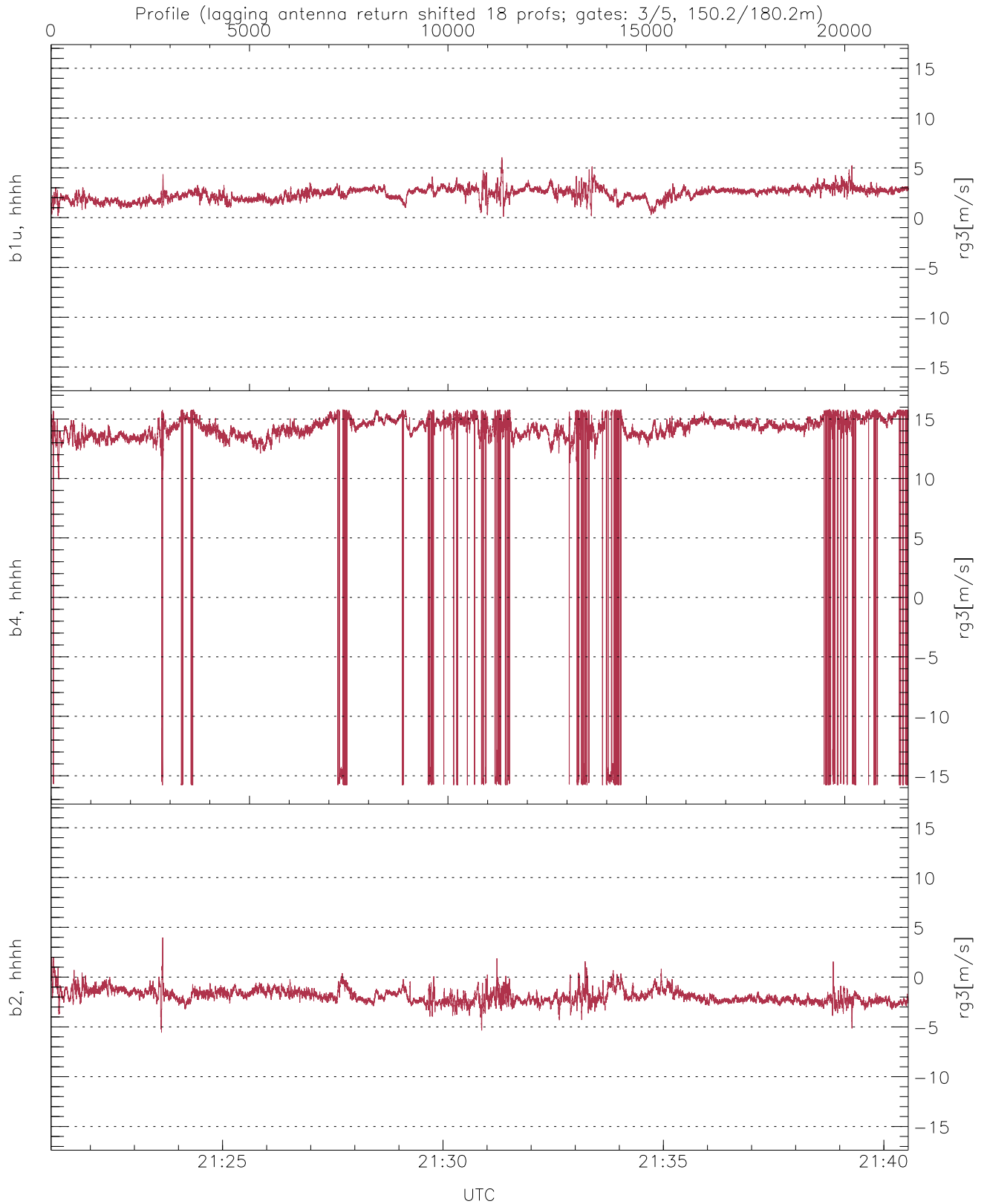
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-38.54	-4.54	-14.15
down-fore(hh[dBm])	-38.54	-9.12	-17.07
down(hh[dBm])	-36.21	-5.22	-13.31



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

	Min	Max	Mean
up/down (dB)	-25.10	11.51	-0.99
down/down-fore (dB)	-11.36	22.60	5.13



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	0.09	6.06	2.39	0.62
b4, hhhh(rg3[m/s])	-15.80	15.80	12.97	6.17
b2, hhhh(rg3[m/s])	-5.57	3.98	-1.90	0.69