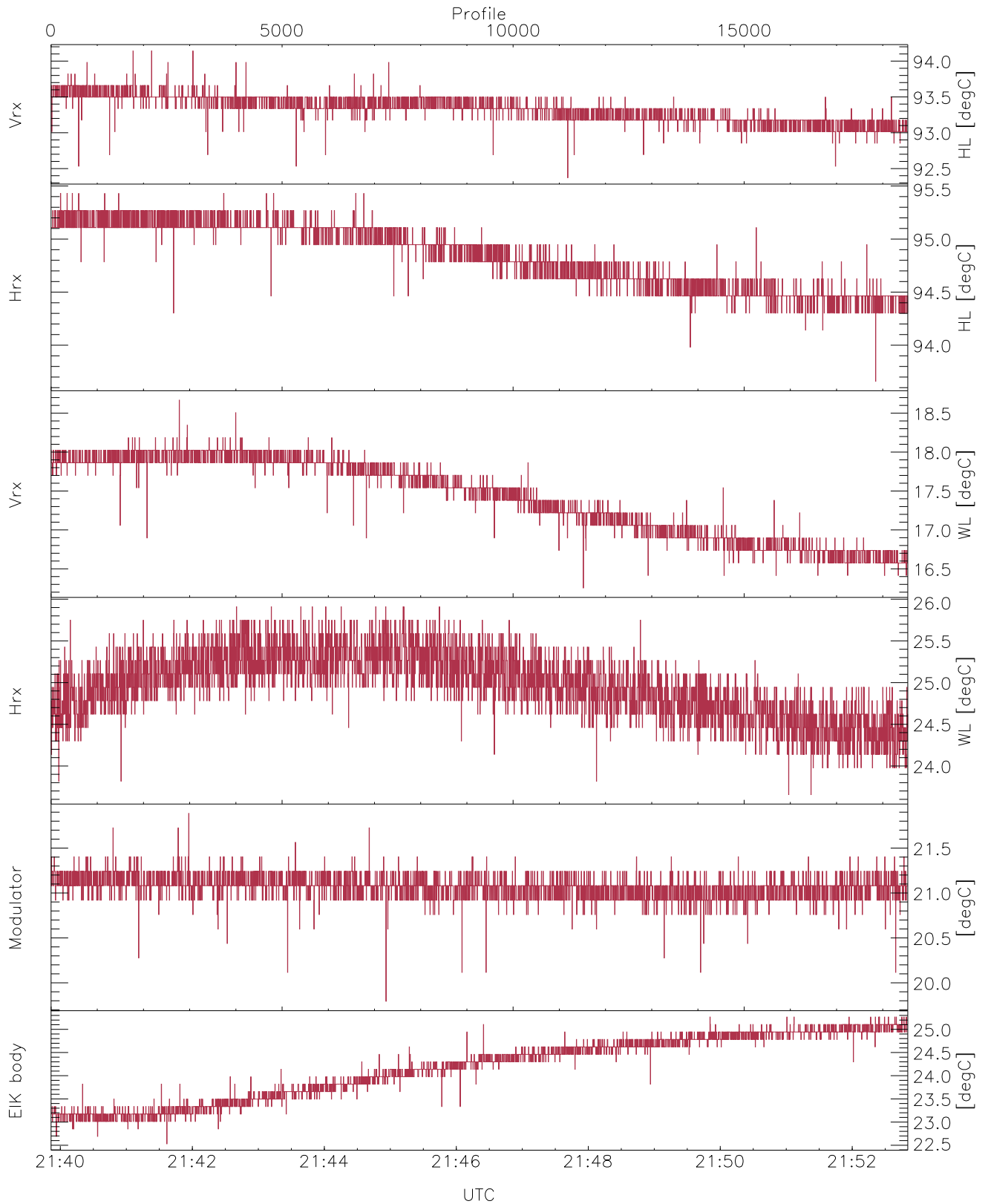


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

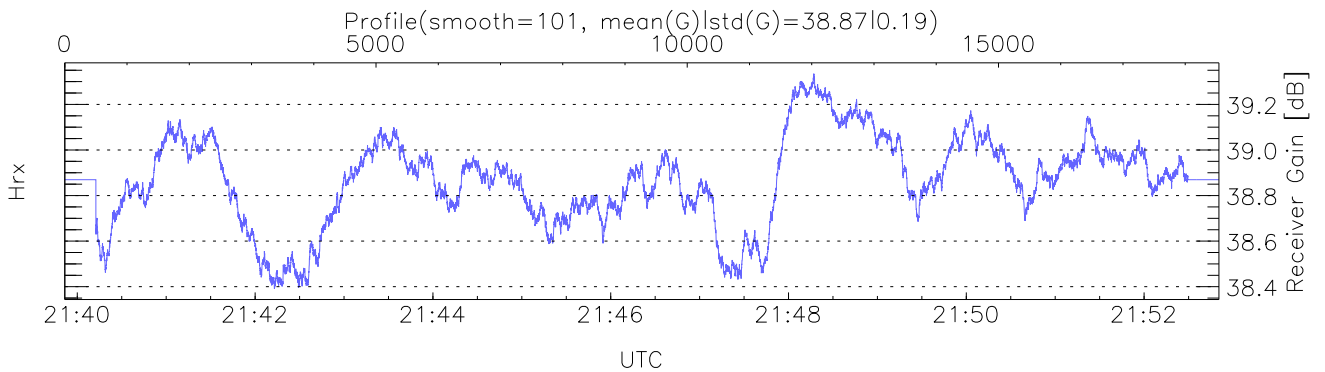
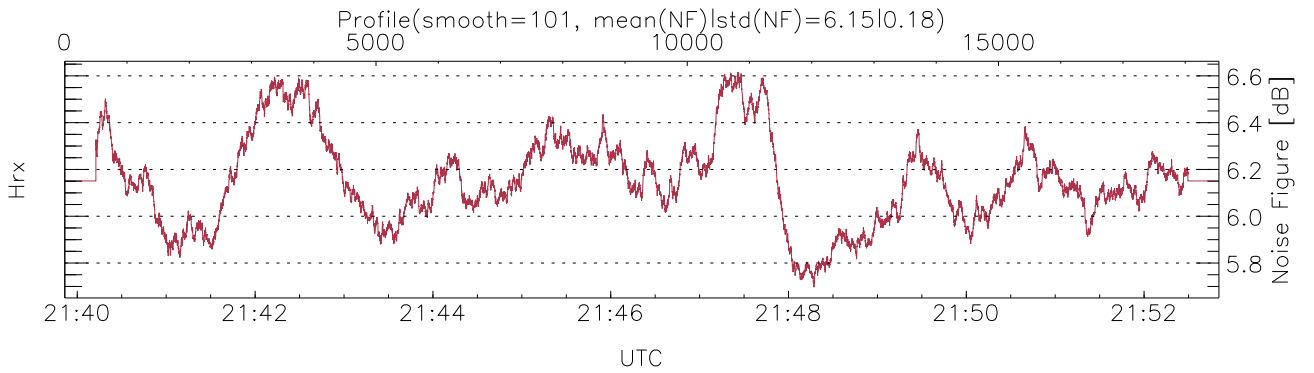
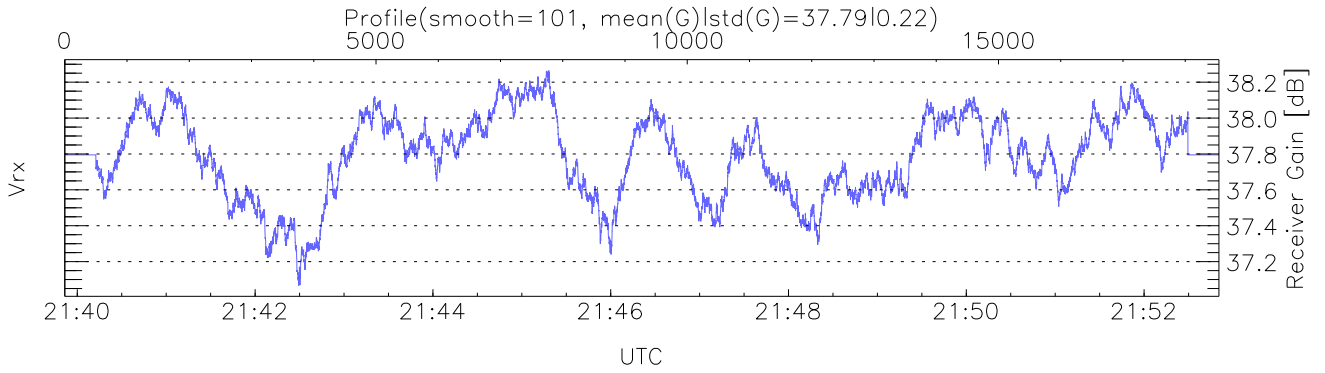
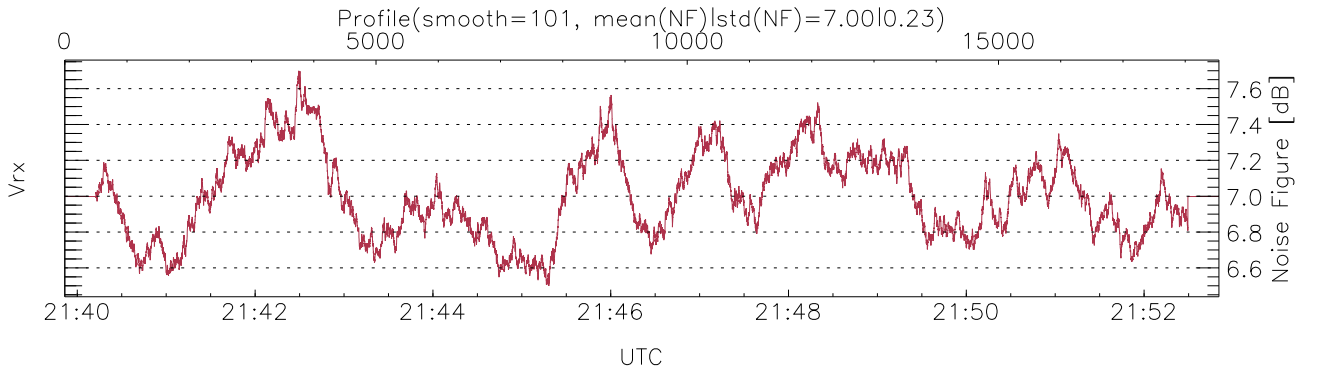
UTC: 21:39:52-21:52:51, Dur: 778.96s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 42.0,42.0,42.0,0.0 ms / 24,24,24
 NumRec(r/t): 18543/18543, 0-18542/21:39:52-21:52:51
 AcqTime: 42.0ms, Rate: 461KB/s, Averages: 140
 Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
 Range(min,max,rqs): 97,3634,7.5 m, Gates: 472, Aspect: 2.0
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



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

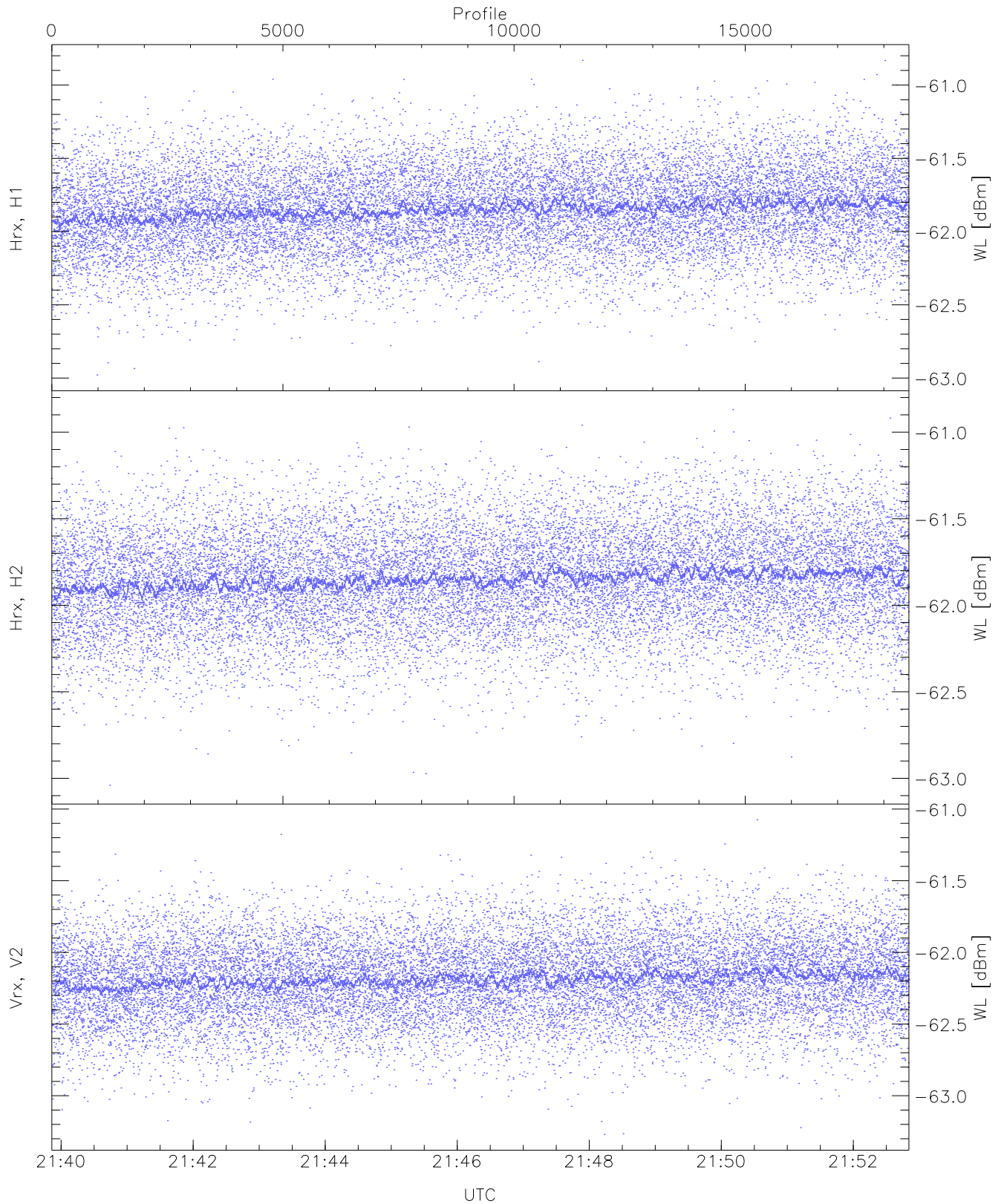
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,16,23,19,22
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,95,18,25,21,25
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
  DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (25,25,25,31,31,13)
    
```



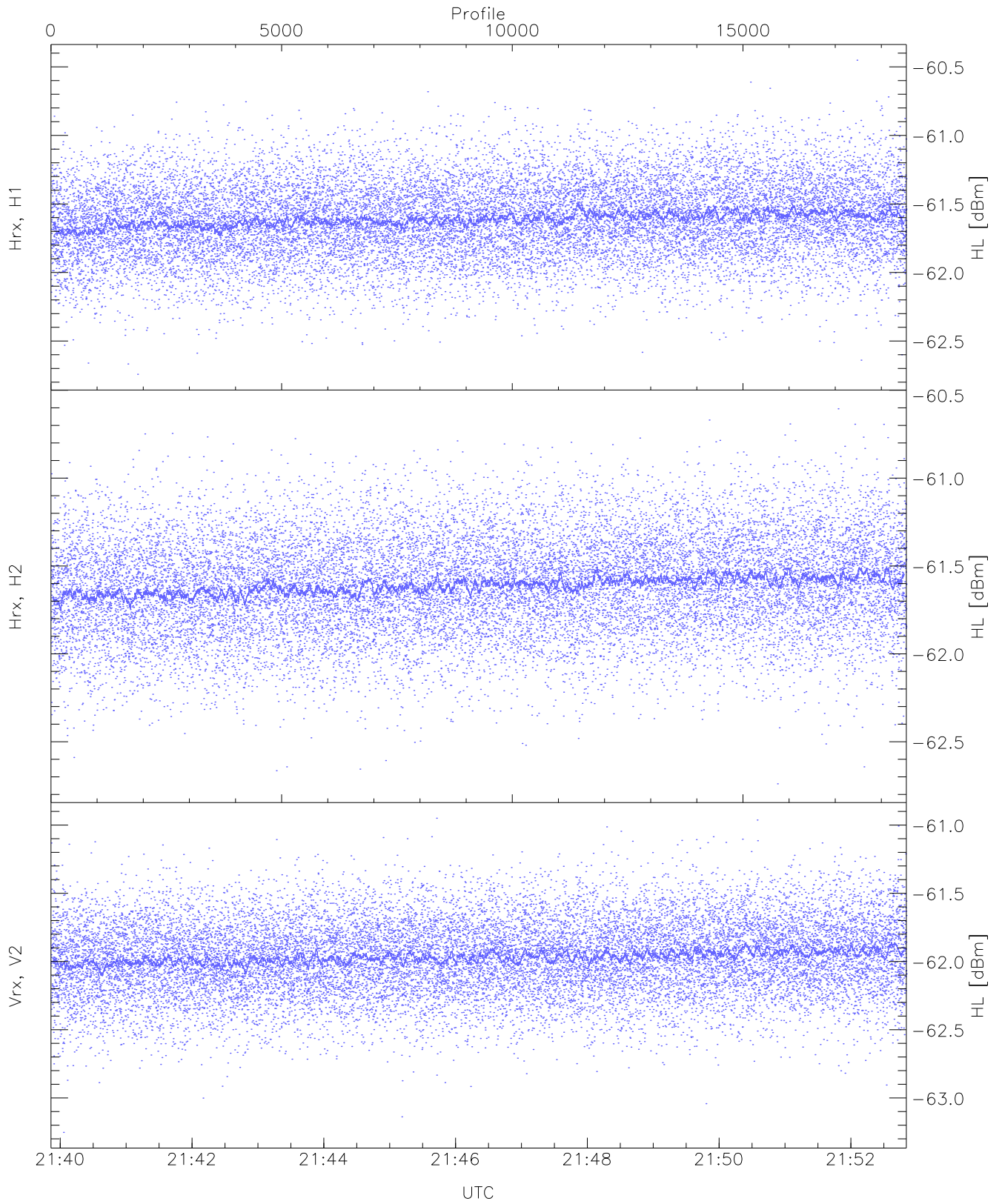
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 3327 pixs, 102 gates, 2219 profs, 2 prods



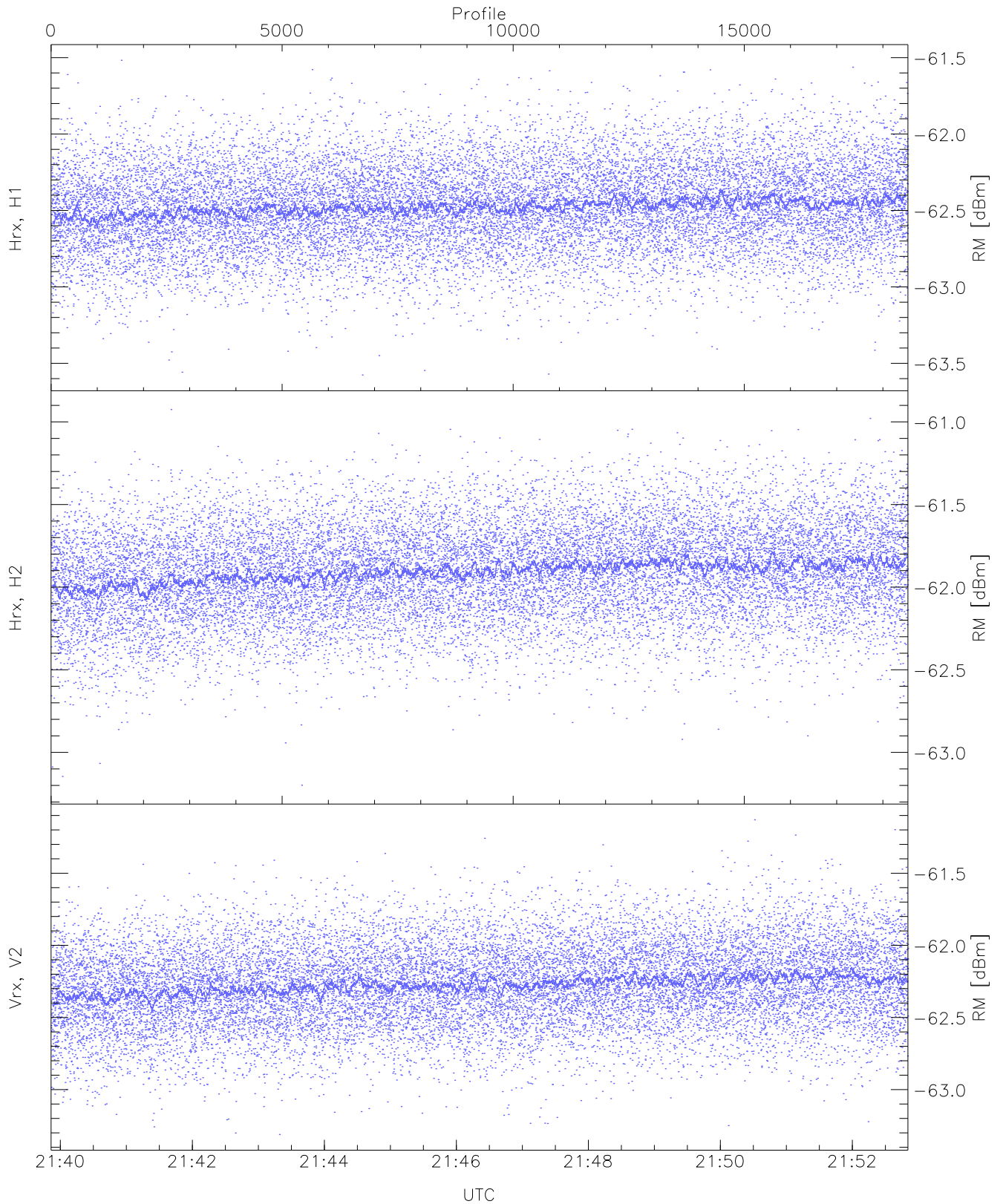
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.98	-60.83	-61.85	-61.85	-73.98
Hrx, H2 (WL [dBm])	-63.04	-60.87	-61.85	-61.85	-73.96
Vrx, V2 (WL [dBm])	-63.27	-61.07	-62.18	-62.19	-74.34



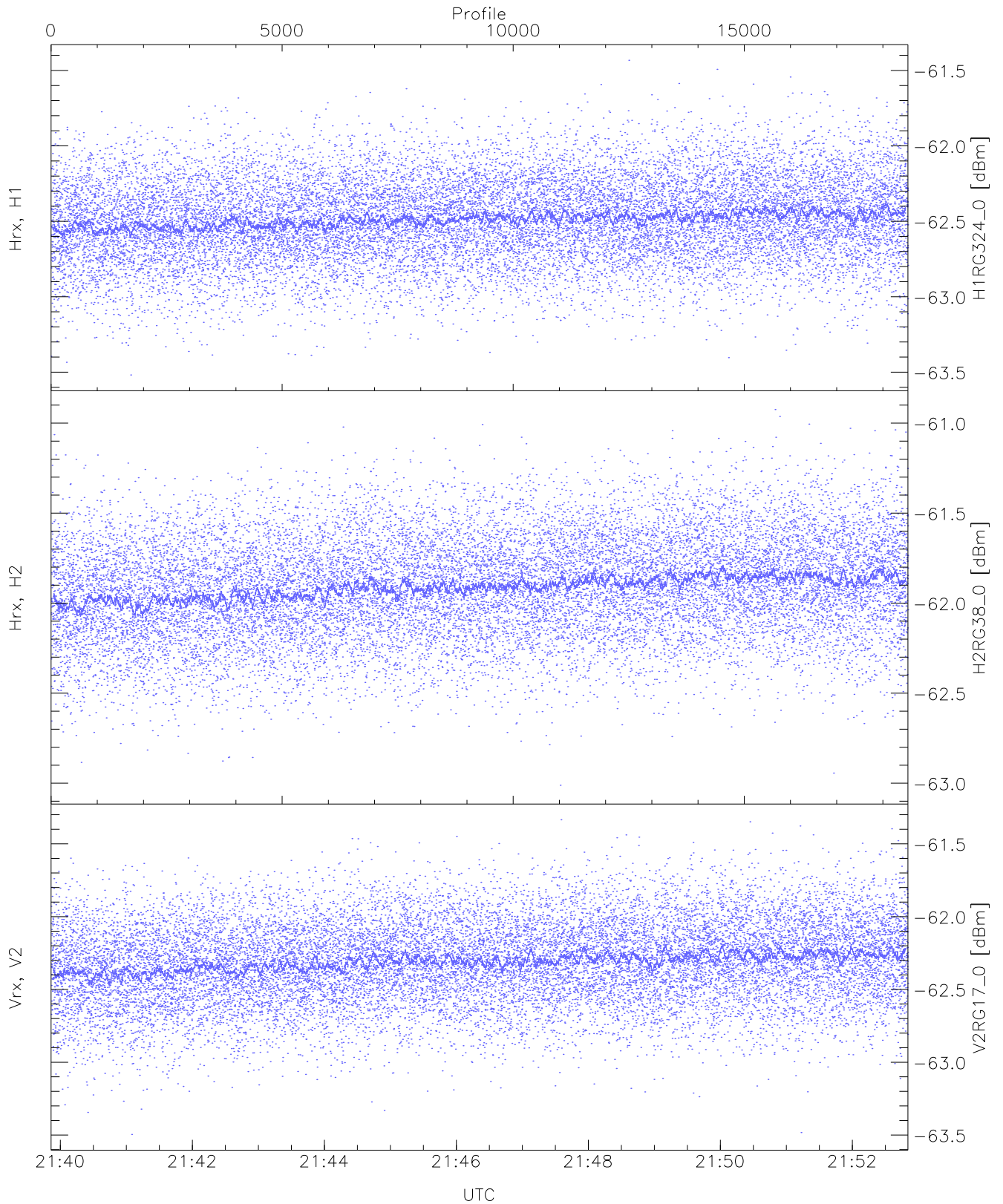
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.74	-60.45	-61.61	-61.62	-73.72
Hrx, H2 (HL [dBm])	-62.74	-60.61	-61.61	-61.61	-73.71
Vrx, V2 (HL [dBm])	-63.25	-60.95	-61.96	-61.97	-74.11



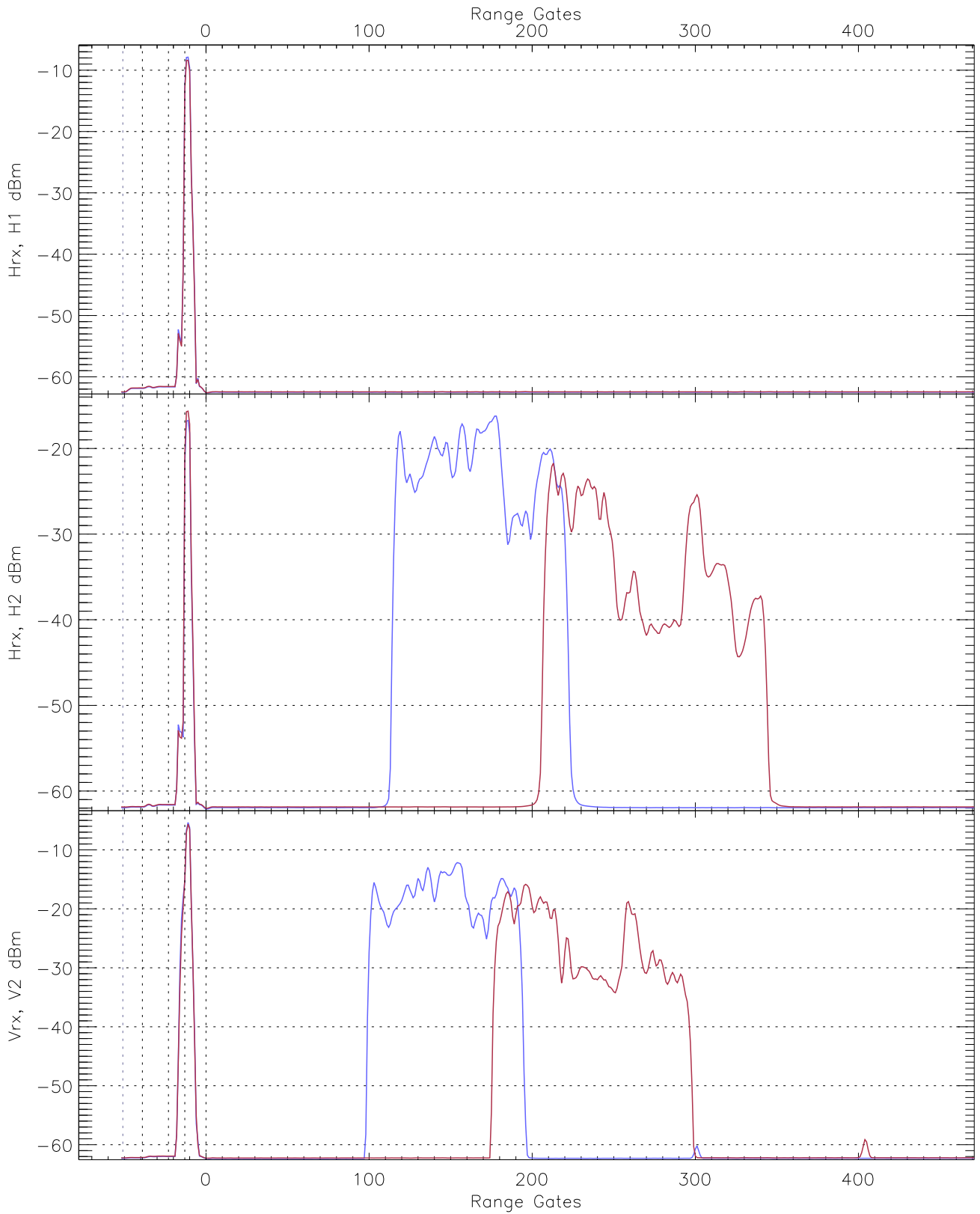
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.58	-61.52	-62.47	-62.48	-74.63
Hrx, H2(RM [dBm])	-63.20	-60.93	-61.90	-61.91	-74.02
Vrx, V2(RM [dBm])	-63.31	-61.13	-62.27	-62.28	-74.35

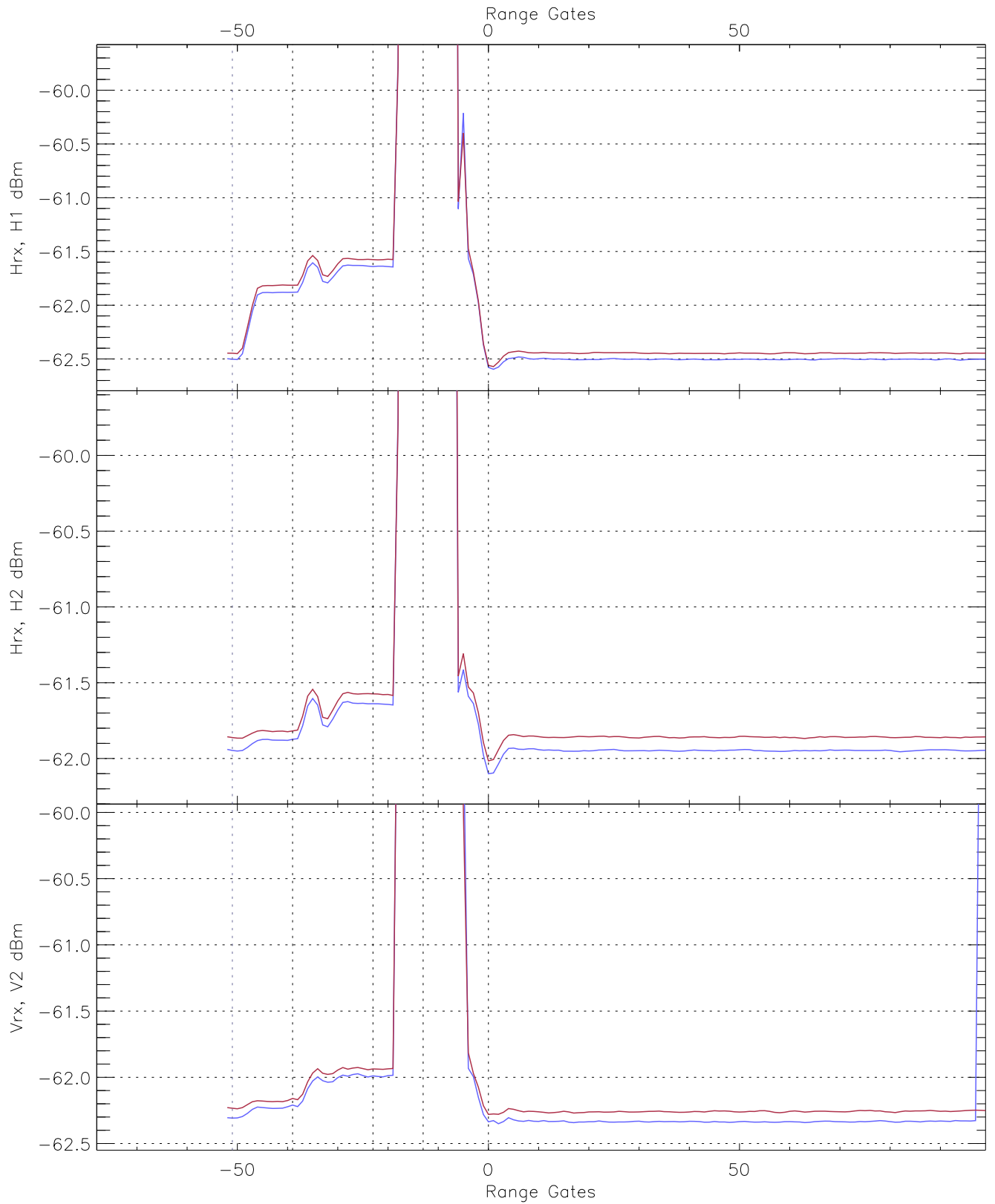


WCR2 CPP "Best" estimate Receivers Noise Power

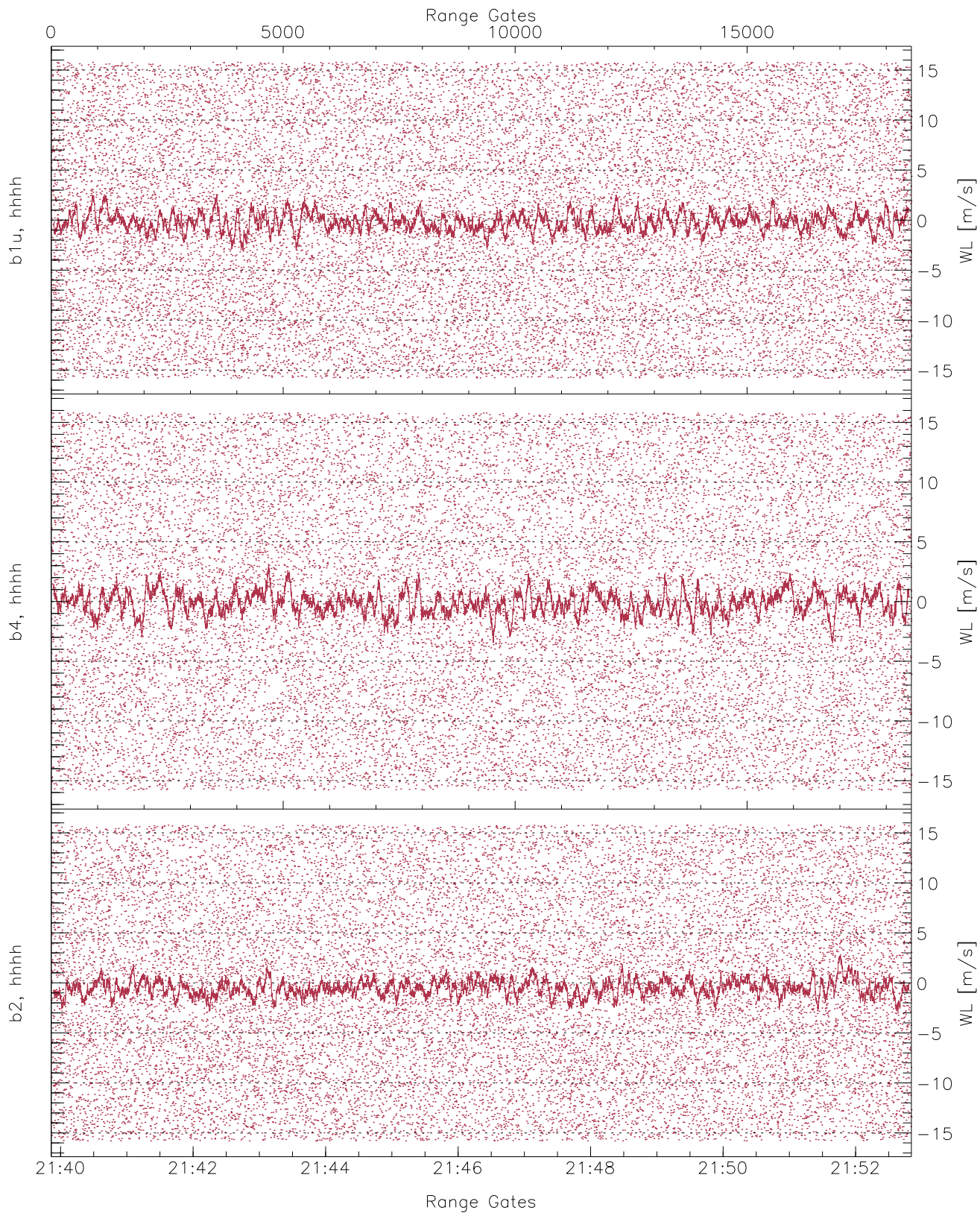
	Min	Max	Mean	Median	StDev
H1RG324_0 [dBm]	-63.52	-61.43	-62.48	-62.49	-74.65
H2RG38_0 [dBm]	-63.01	-60.92	-61.91	-61.91	-74.03
V2RG17_0 [dBm]	-63.50	-61.33	-62.31	-62.31	-74.38



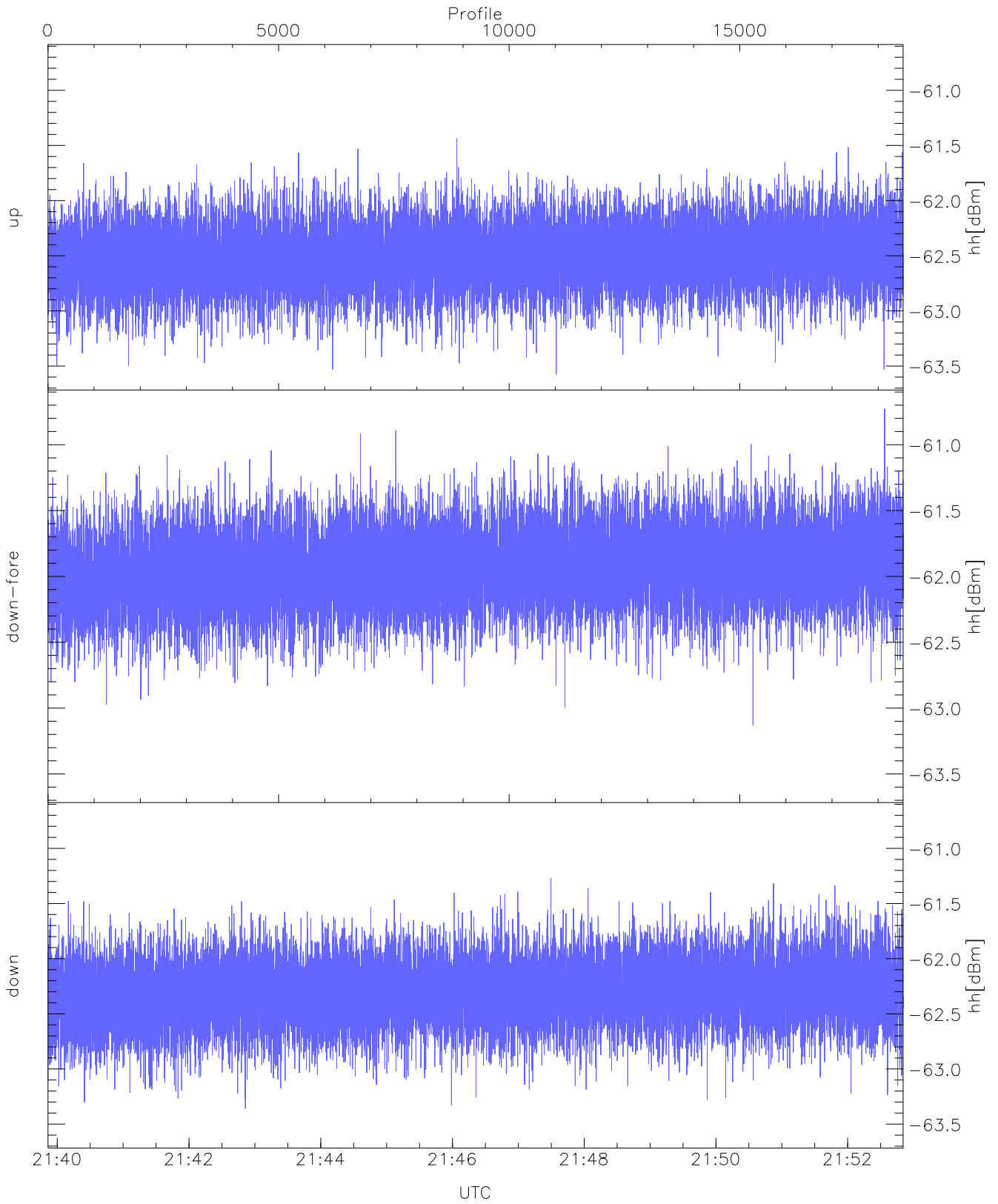
WCR2 CPP Averaged Received power for all recorded gates
blue: 213952-214621, 9272 profiles averaged
red: 214621-215251, 9272 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 213952-214621, 9272 profiles averaged
red: 214621-215251, 9272 profiles averaged

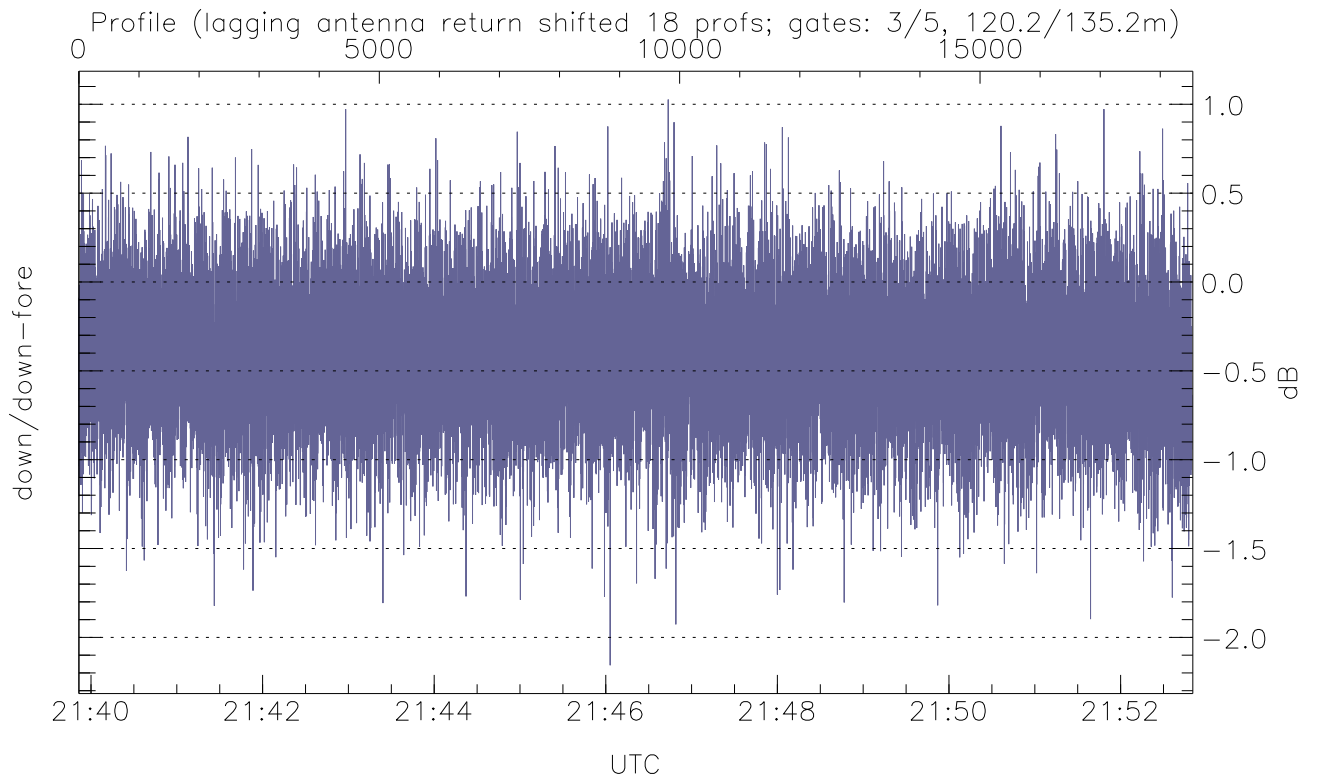
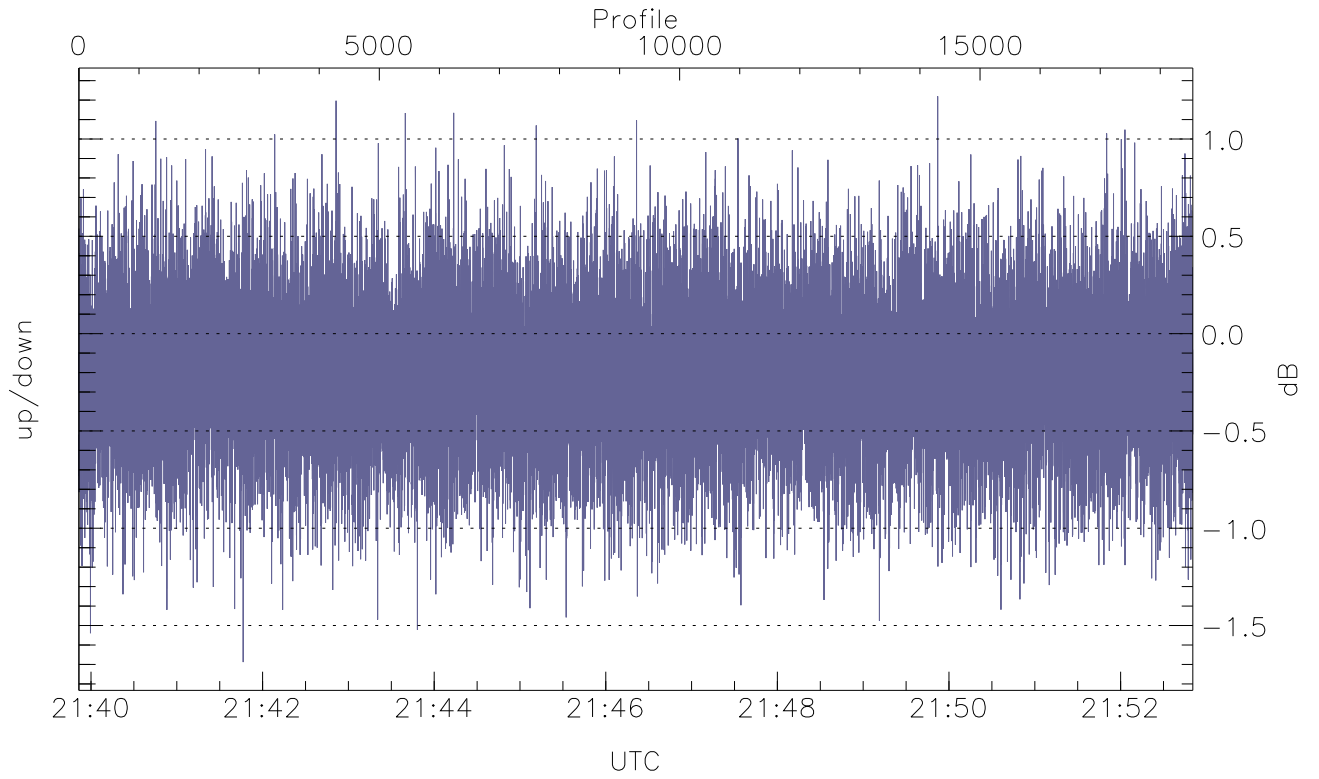


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



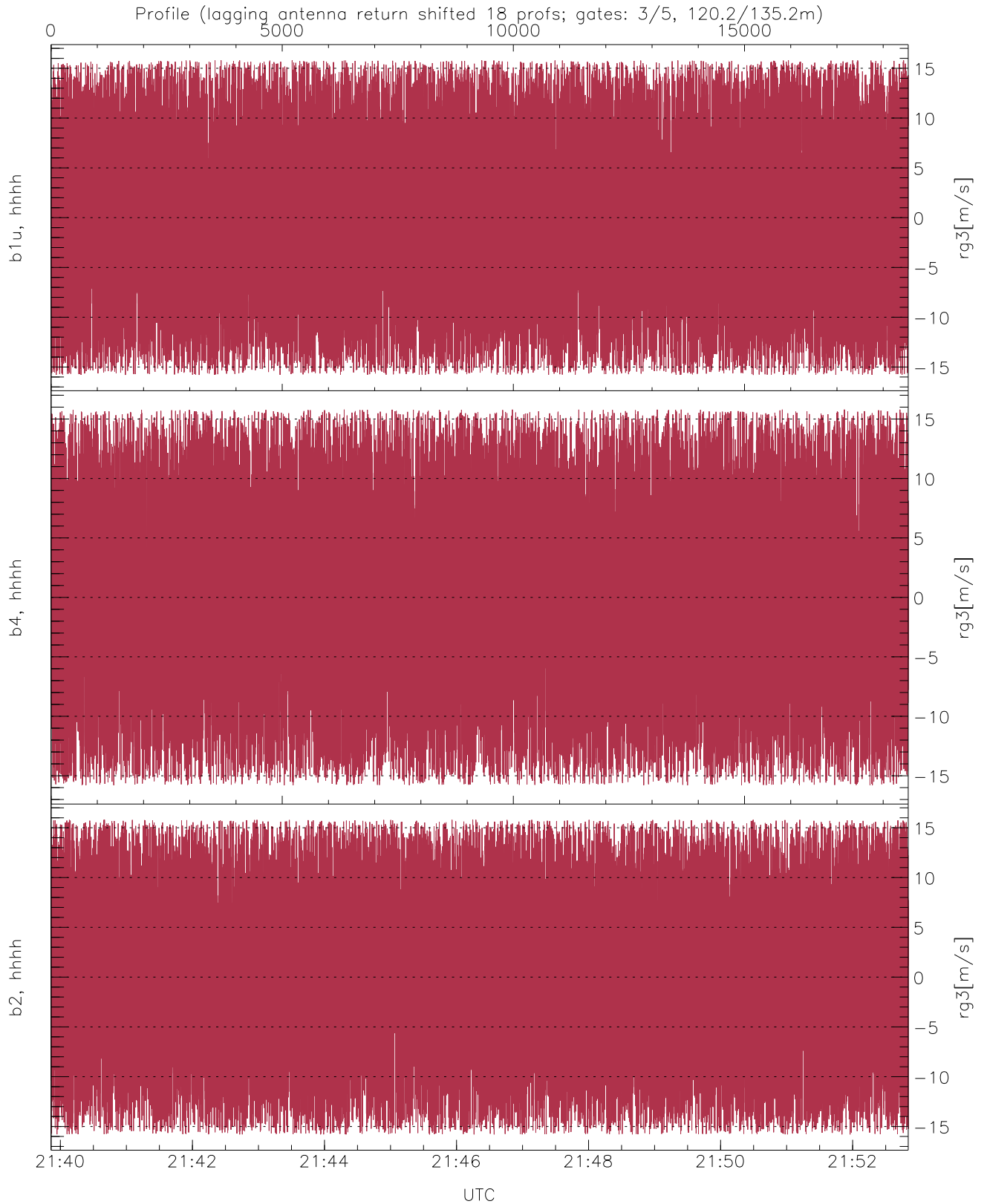
WCR2 CPP Received Power Products for Range gate 3 (120.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.57	-61.44	-62.50
down-fore(hh[dBm])	-63.13	-60.73	-61.93
down(hh[dBm])	-63.36	-61.27	-62.30



WCR2 Beam pairs Received Power Ratio(s); RangeGate: 3 (120 m)

	Min	Max	Mean
up/down (dB)	-1.69	1.22	-0.20
down/down-fore (dB)	-2.16	1.03	-0.41



WCR2 CPP Doppler Velocity Products at 120.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.79	15.80	-0.24	9.12
b4, hhhh(rg3[m/s])	-15.80	15.80	-0.09	8.90
b2, hhhh(rg3[m/s])	-15.80	15.80	-0.33	9.07