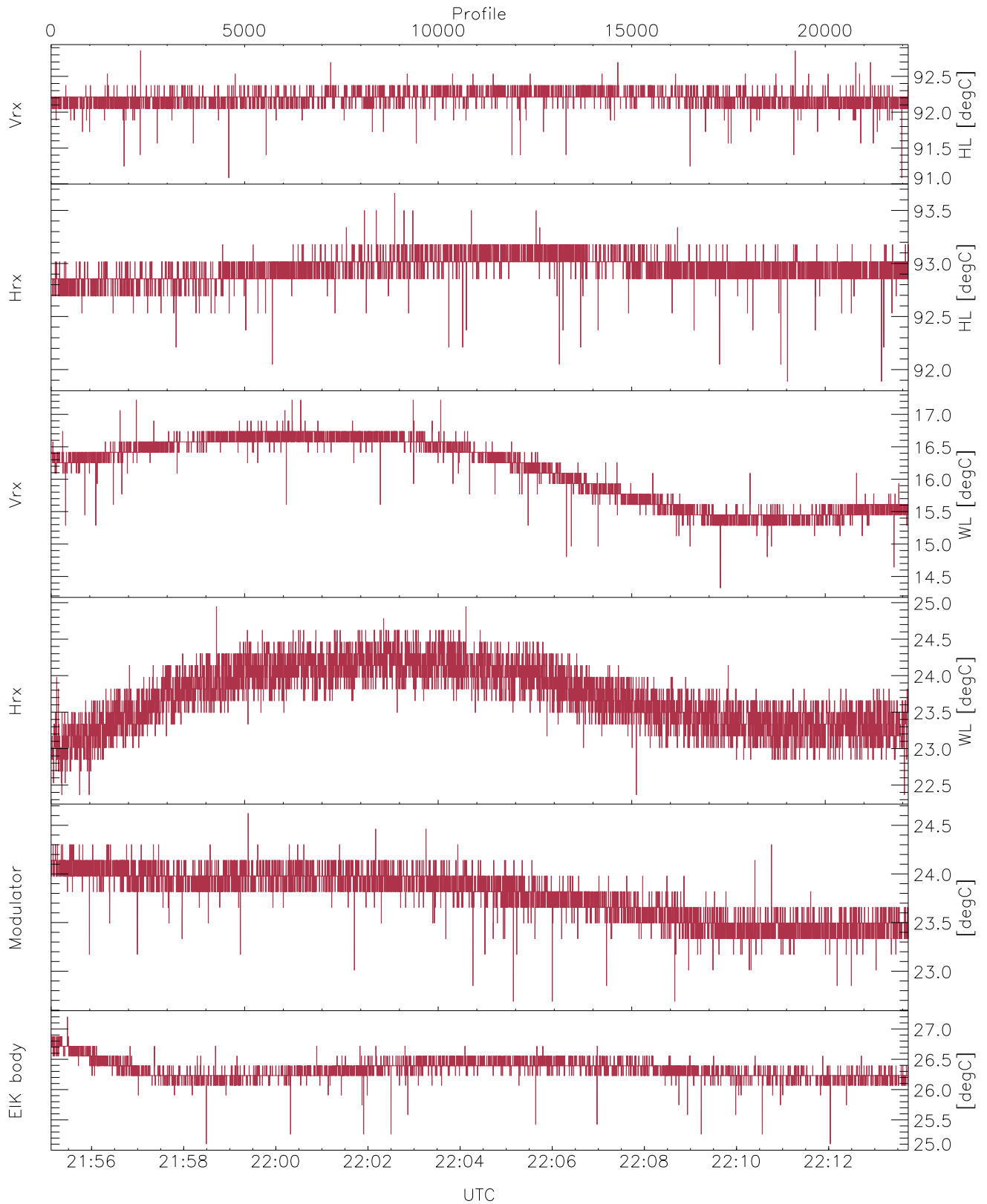


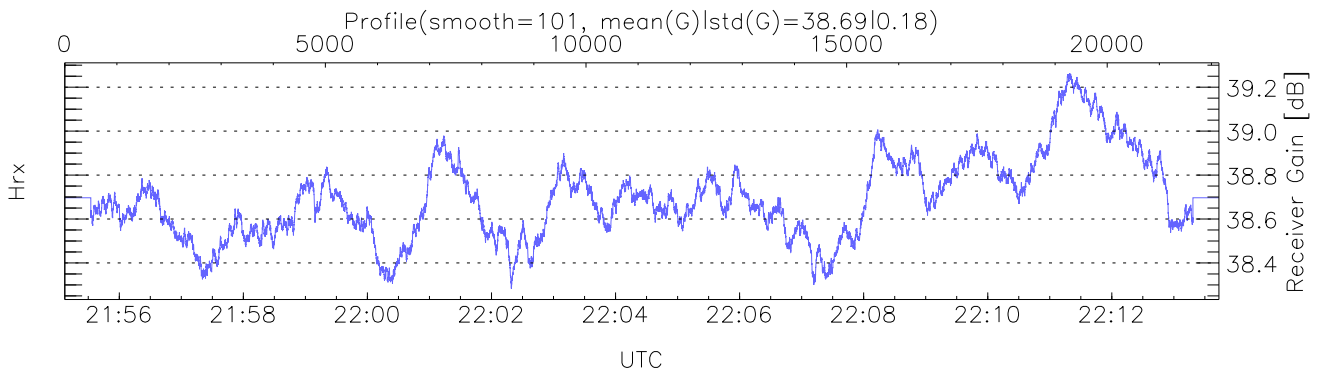
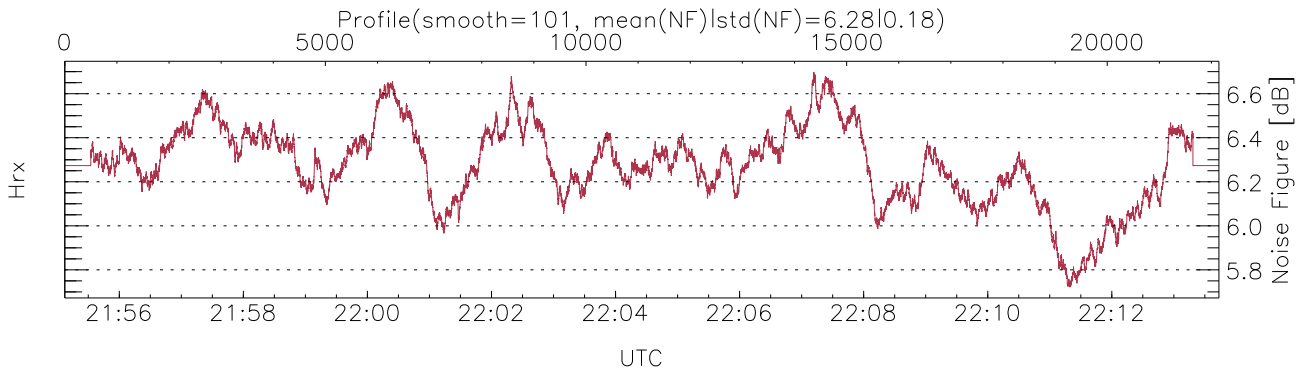
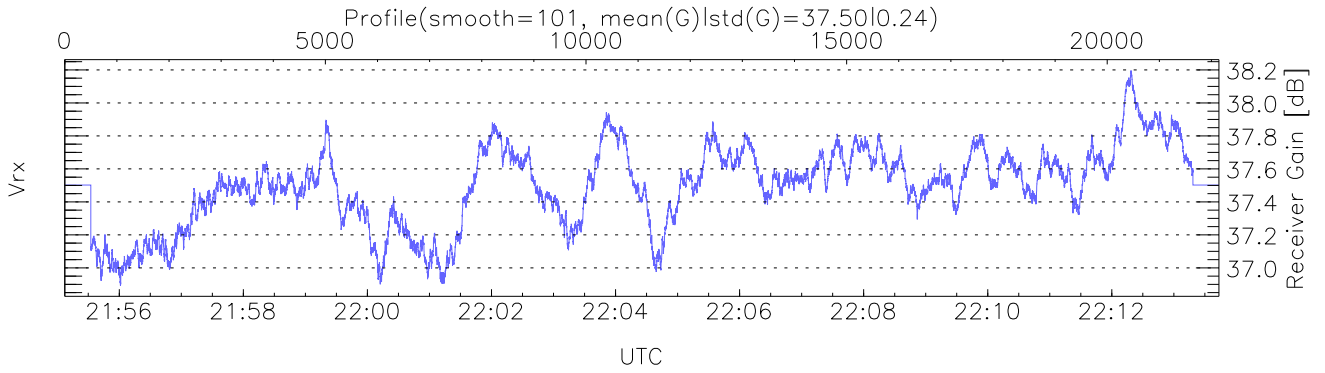
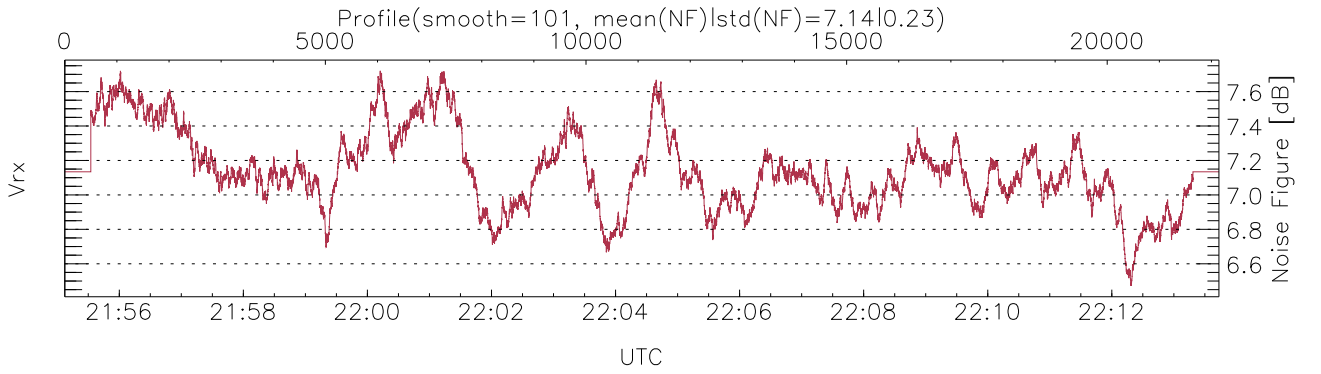
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 21:55:07-22:13:44, Dur: 1116.34s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
 NumRec(r/t): 22145/22145, 0-22144/21:55:07-22:13:44
 AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
 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): 105,5271,15.0 m, Gates: 345, Aspect: 3.3
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



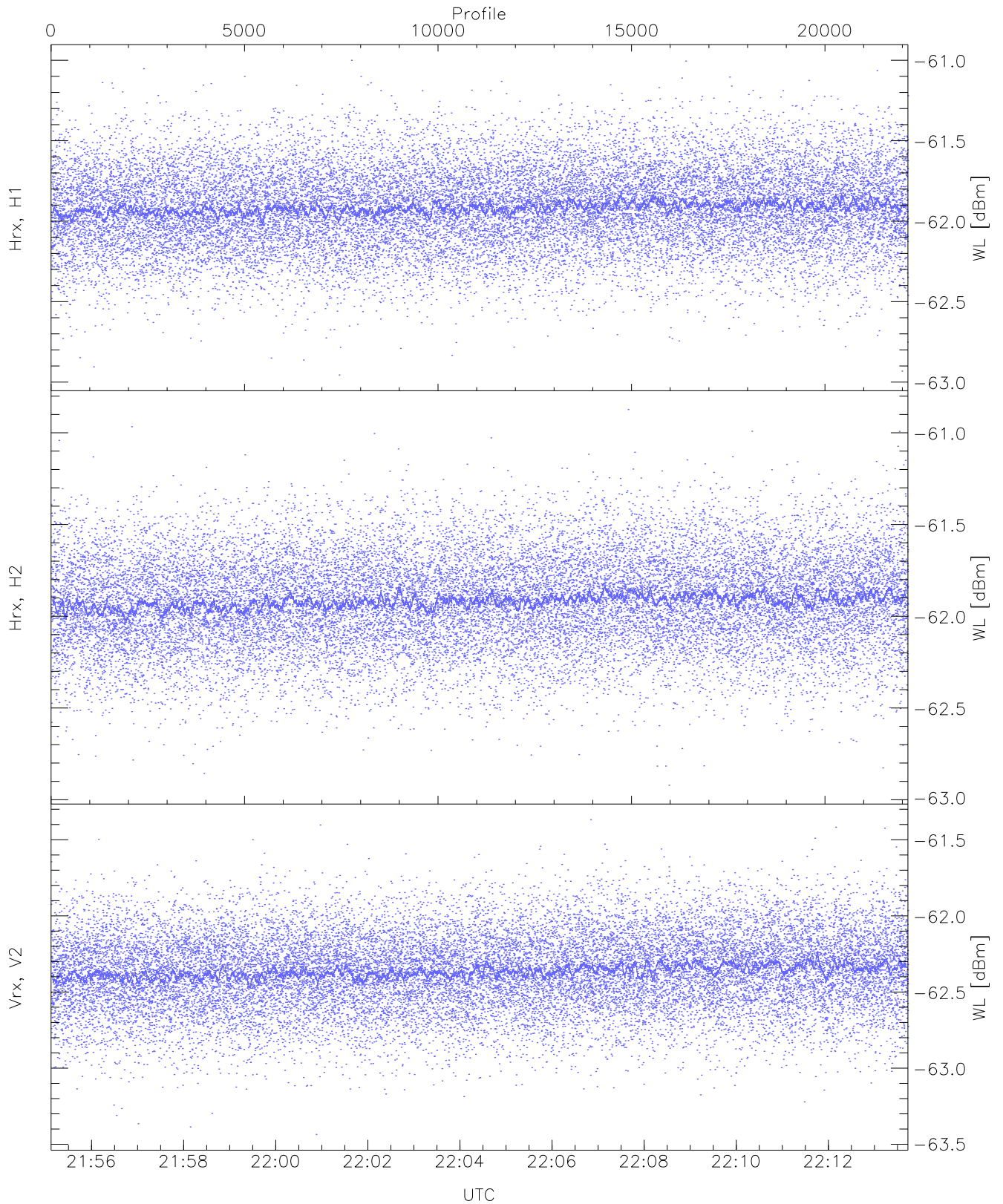
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

```
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,91,14,22,22,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,17,24,24,27
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (5,5,5,5,36)
```



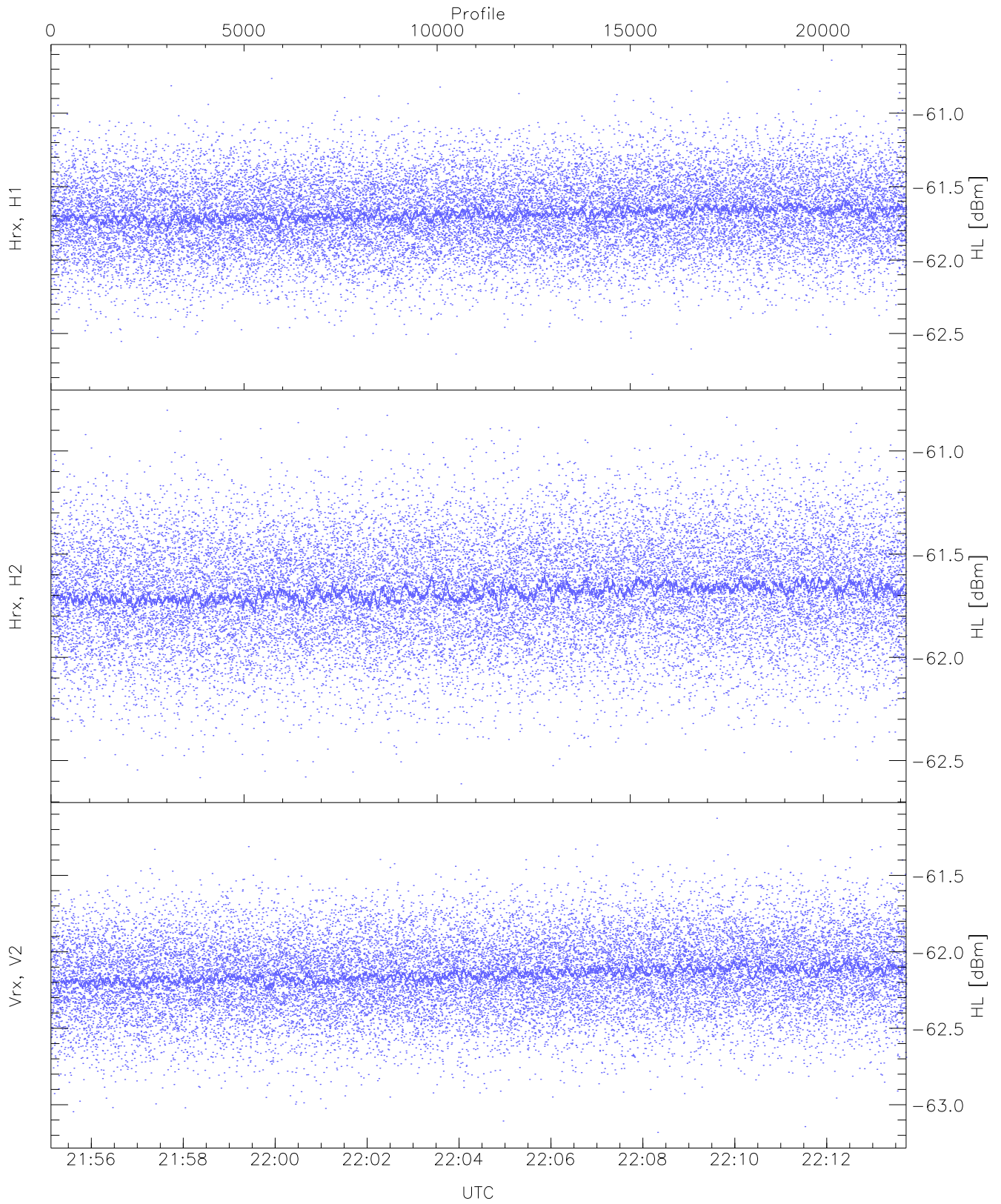
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 298 pixs, 28 gates, 292 profs, 2 prods



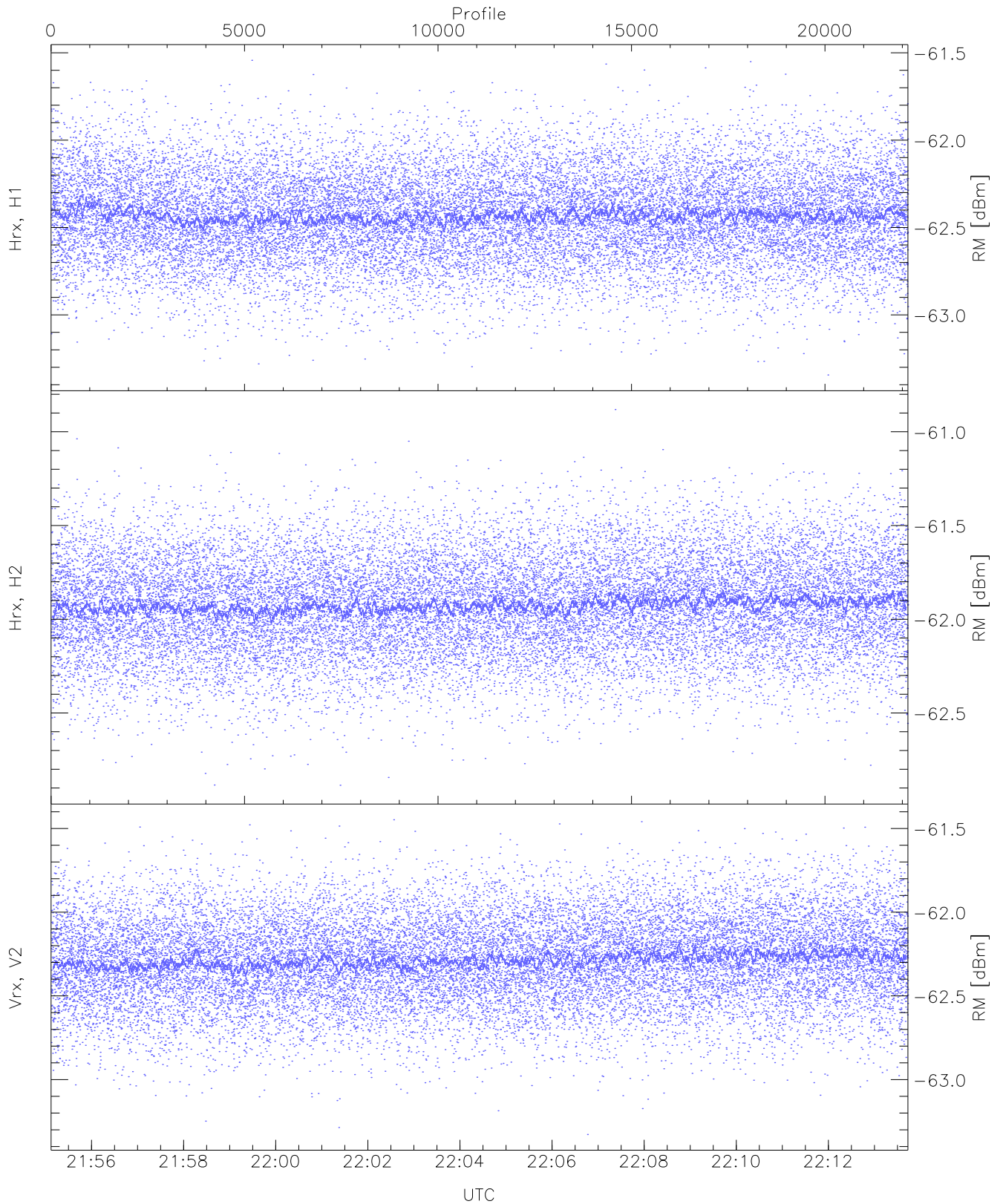
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.96	-61.00	-61.91	-61.92	-74.44
Hrx, H2 (WL [dBm])	-62.92	-60.87	-61.92	-61.92	-74.48
Vrx, V2 (WL [dBm])	-63.44	-61.37	-62.36	-62.36	-74.88



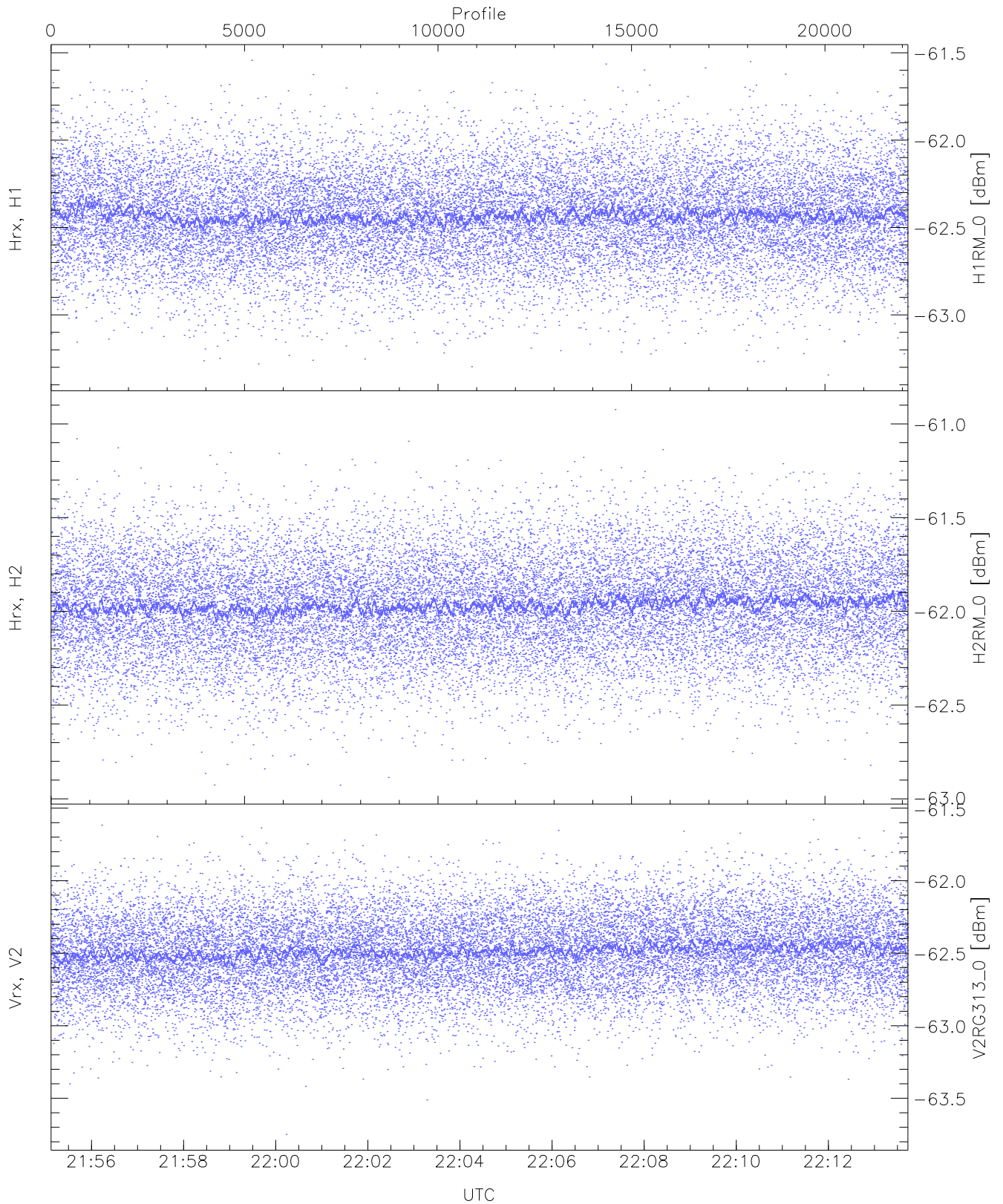
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.78	-60.64	-61.68	-61.69	-74.21
Hrx, H2 (HL [dBm])	-62.61	-60.80	-61.68	-61.69	-74.21
Vrx, V2 (HL [dBm])	-63.18	-61.13	-62.15	-62.15	-74.69



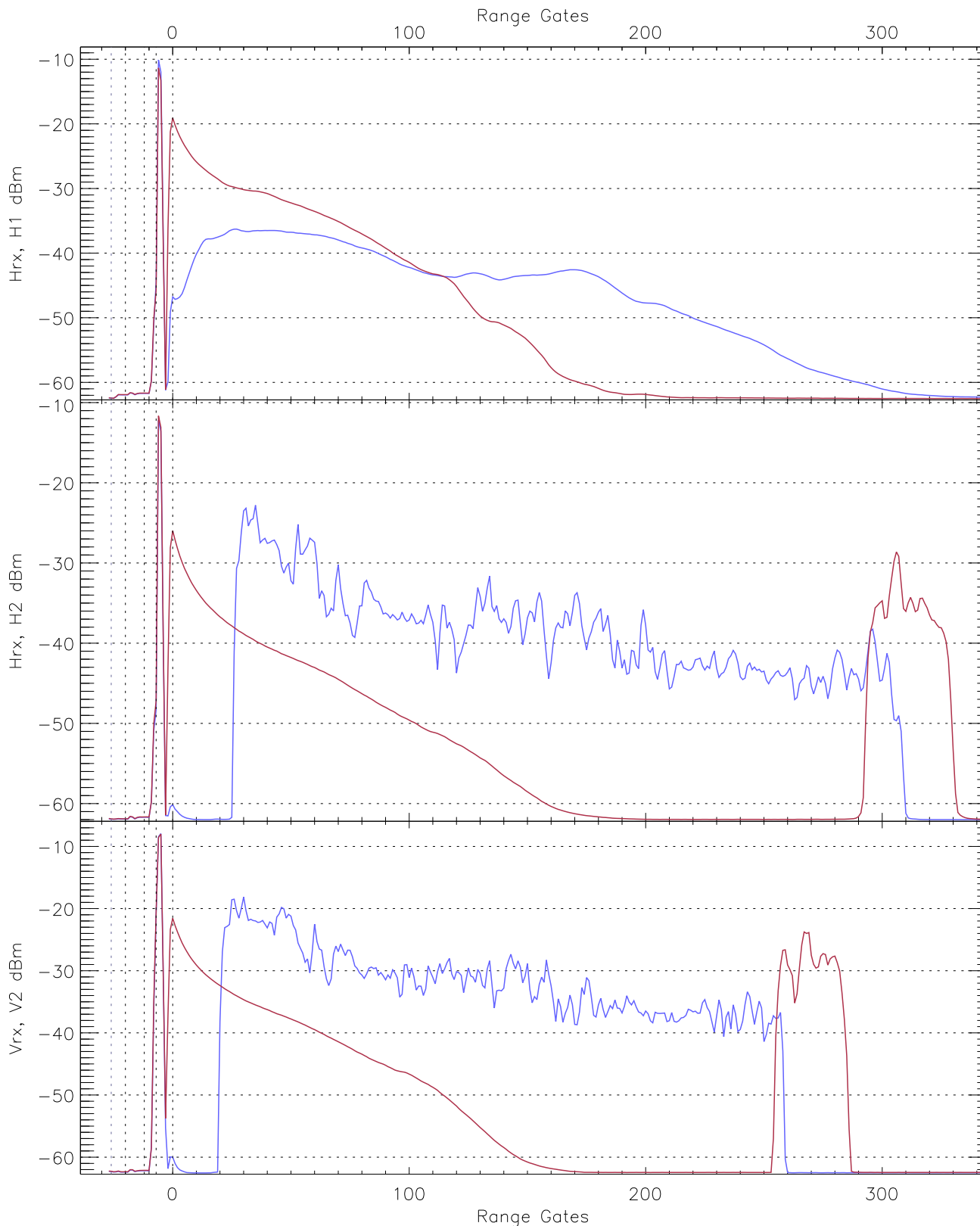
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.34	-61.54	-62.43	-62.43	-75.02
Hrx, H2 (RM [dBm])	-62.89	-60.88	-61.92	-61.93	-74.47
Vrx, V2 (RM [dBm])	-63.33	-61.45	-62.28	-62.29	-74.82

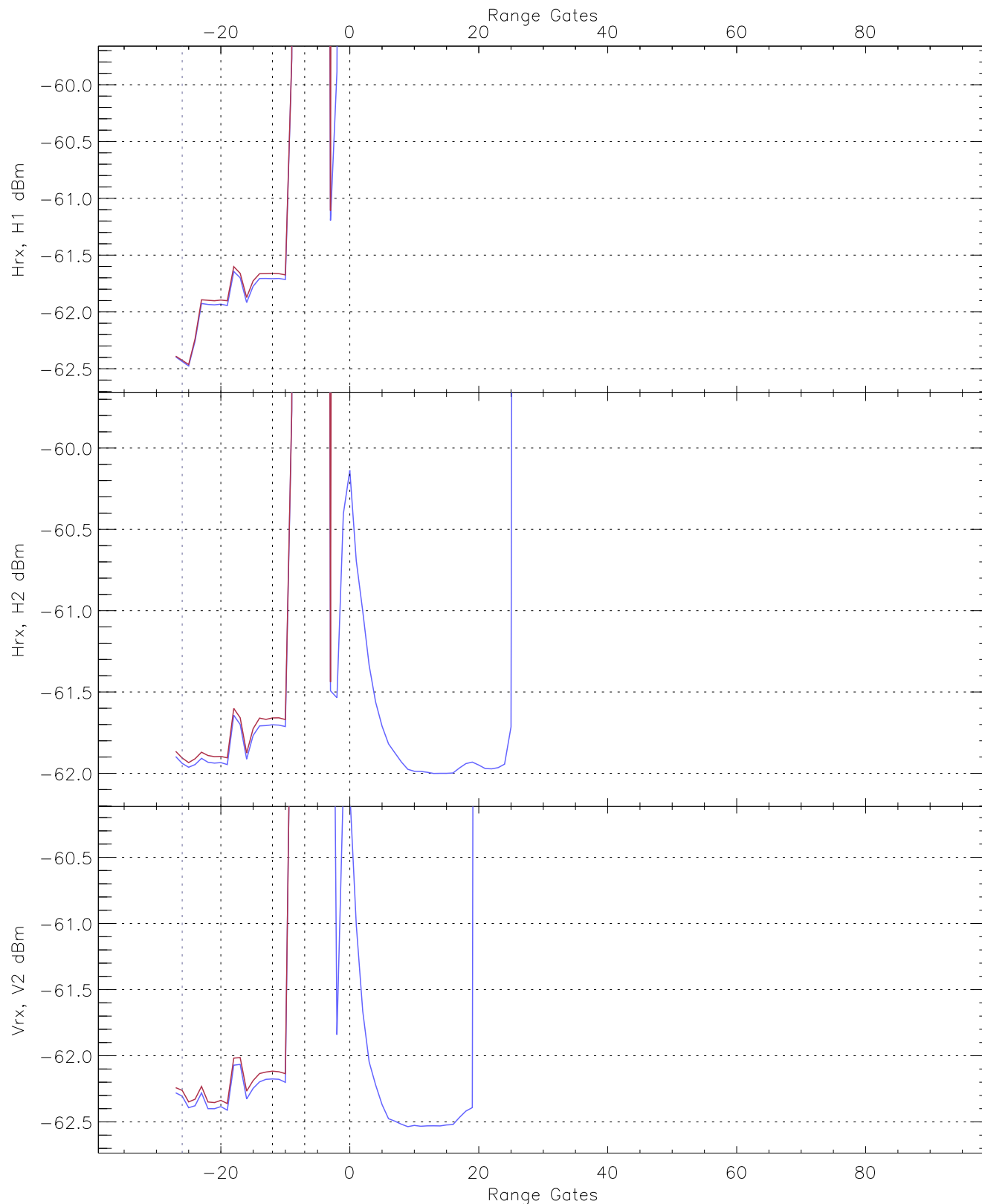


WCR2 CPP "Best" estimate Receivers Noise Power

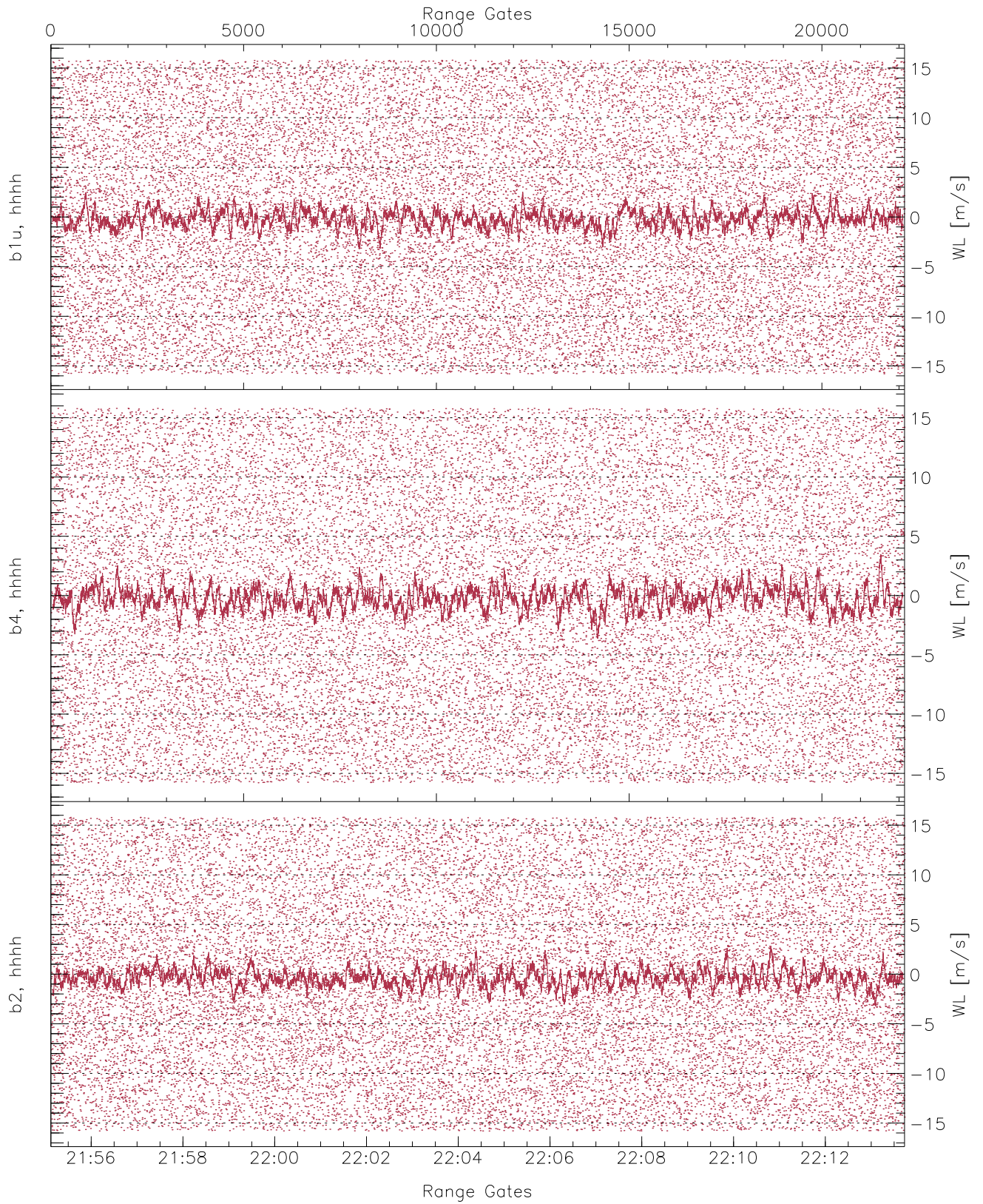
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-63.34	-61.54	-62.43	-62.43	-75.02
H2RM_0 [dBm]	-62.93	-60.92	-61.96	-61.97	-74.51
V2RG313_0 [dBm]	-63.75	-61.58	-62.48	-62.49	-75.01



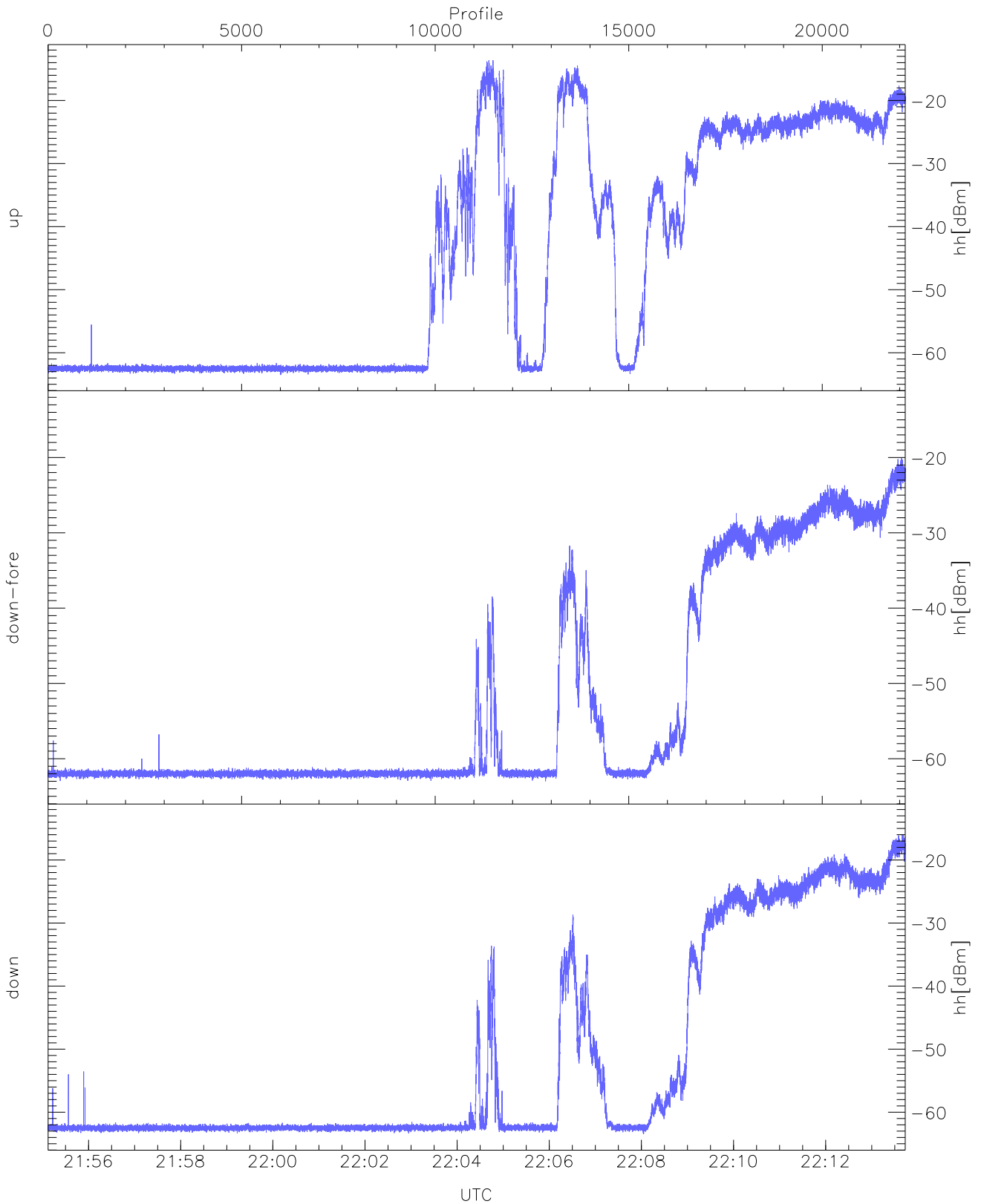
WCR2 CPP Averaged Received power for all recorded gates
blue: 215507-220425, 11073 profiles averaged
red: 220425-221344, 11073 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 215507-220425, 11073 profiles averaged
red: 220425-221344, 11073 profiles averaged

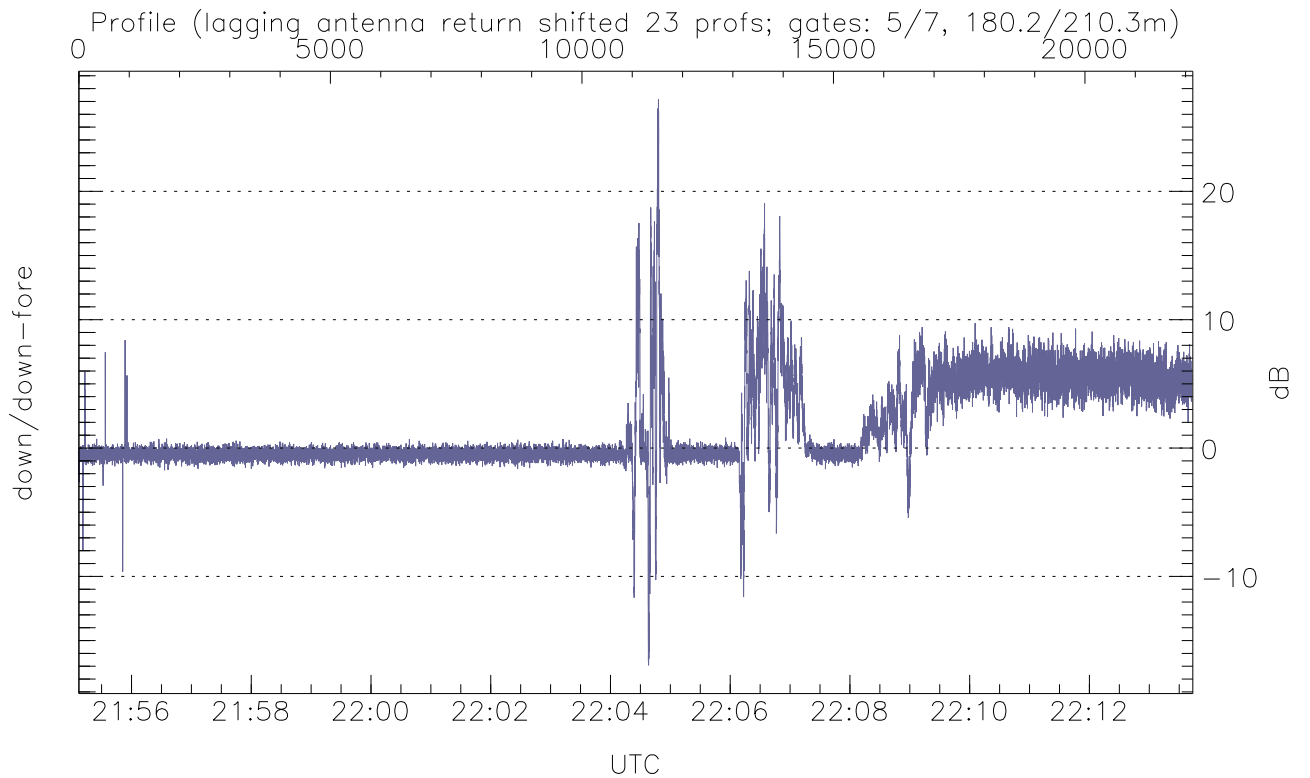
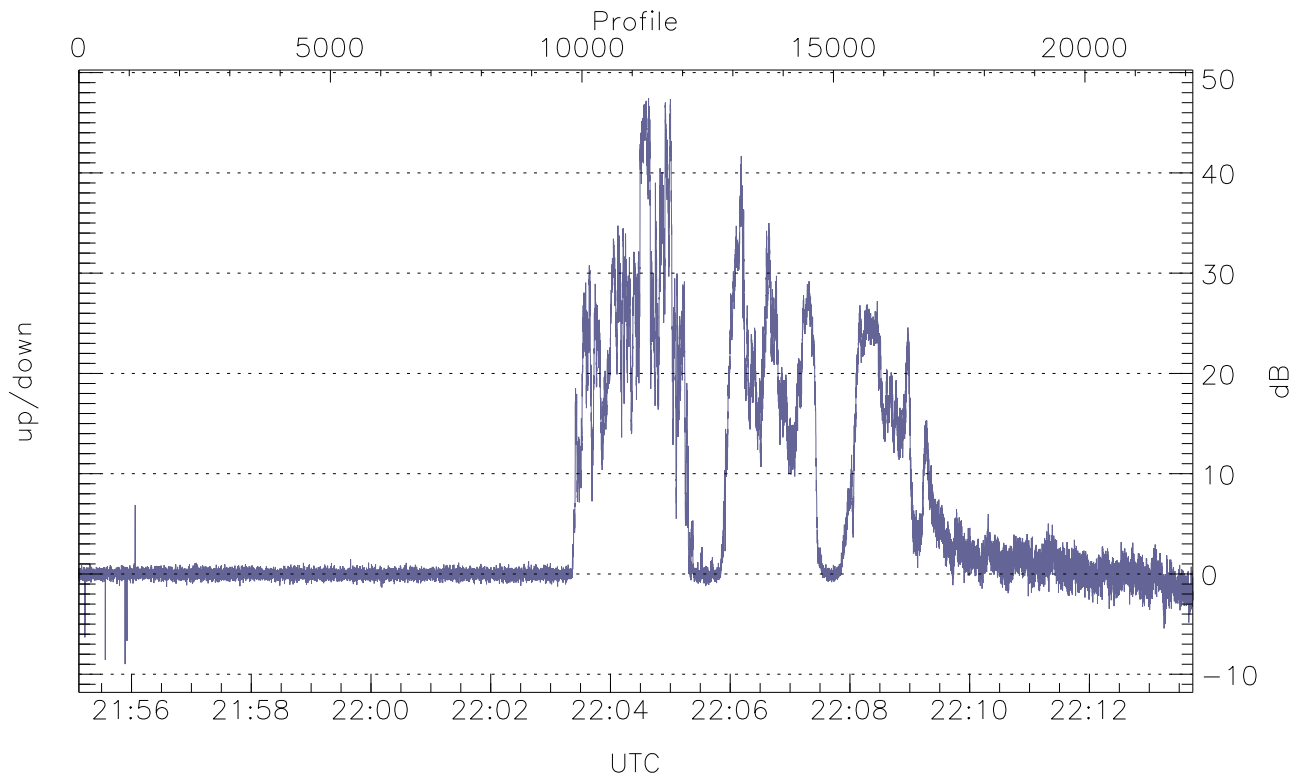


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



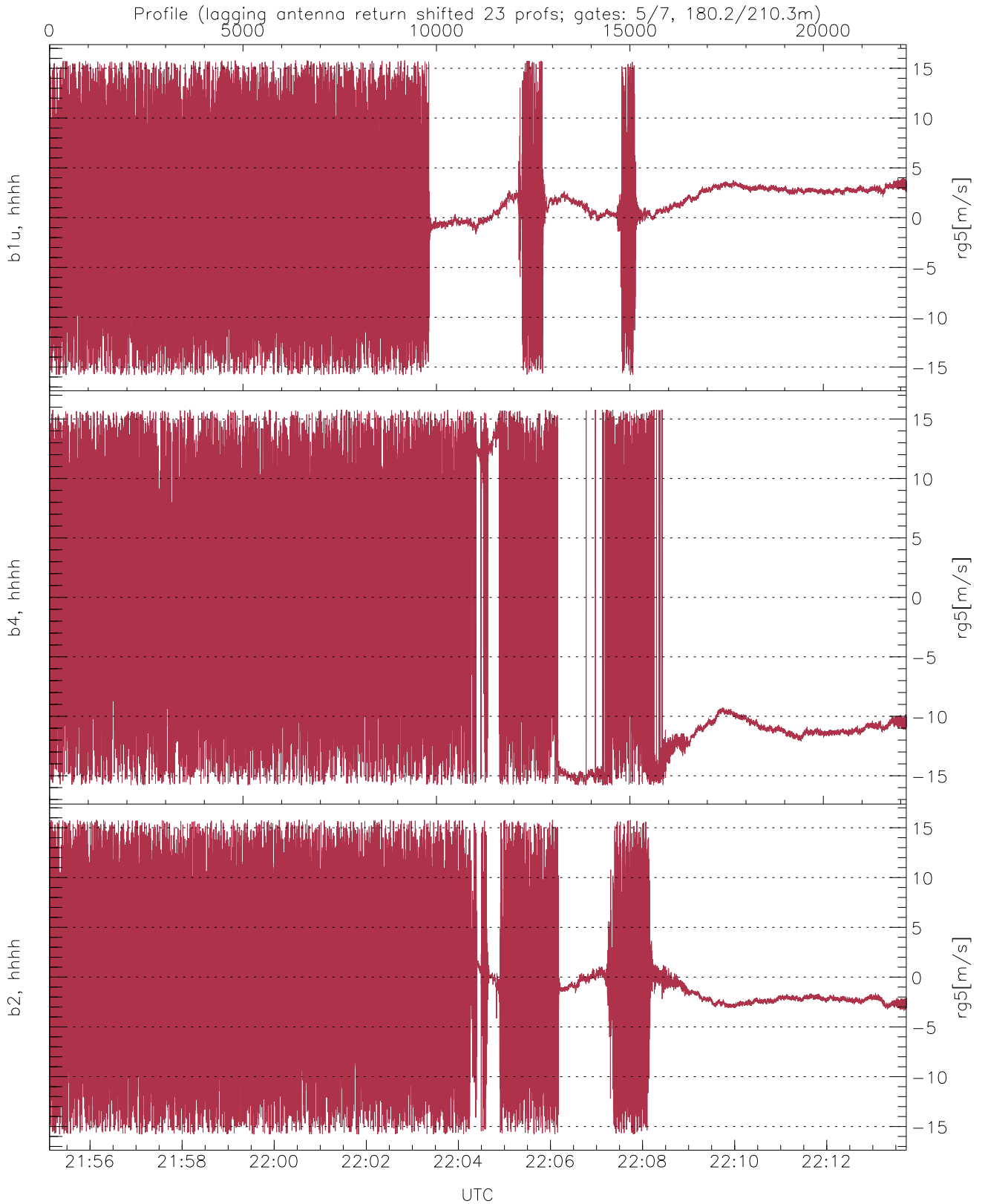
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.53	-13.63	-26.32
down-fore(hh[dBm])	-62.99	-20.09	-33.67
down(hh[dBm])	-63.47	-15.92	-29.28



WCR2 Beam pairs Received Power Ratio(s); RangeGate: 5 (180 m)

	Min	Max	Mean
up/down (dB)	-8.98	47.44	5.80
down/down-fore (dB)	-16.92	27.15	1.60



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.79	0.76	6.39
b4, hhhh(rg5[m/s])	-15.80	15.80	-3.86	9.60
b2, hhhh(rg5[m/s])	-15.79	15.80	-0.79	7.02