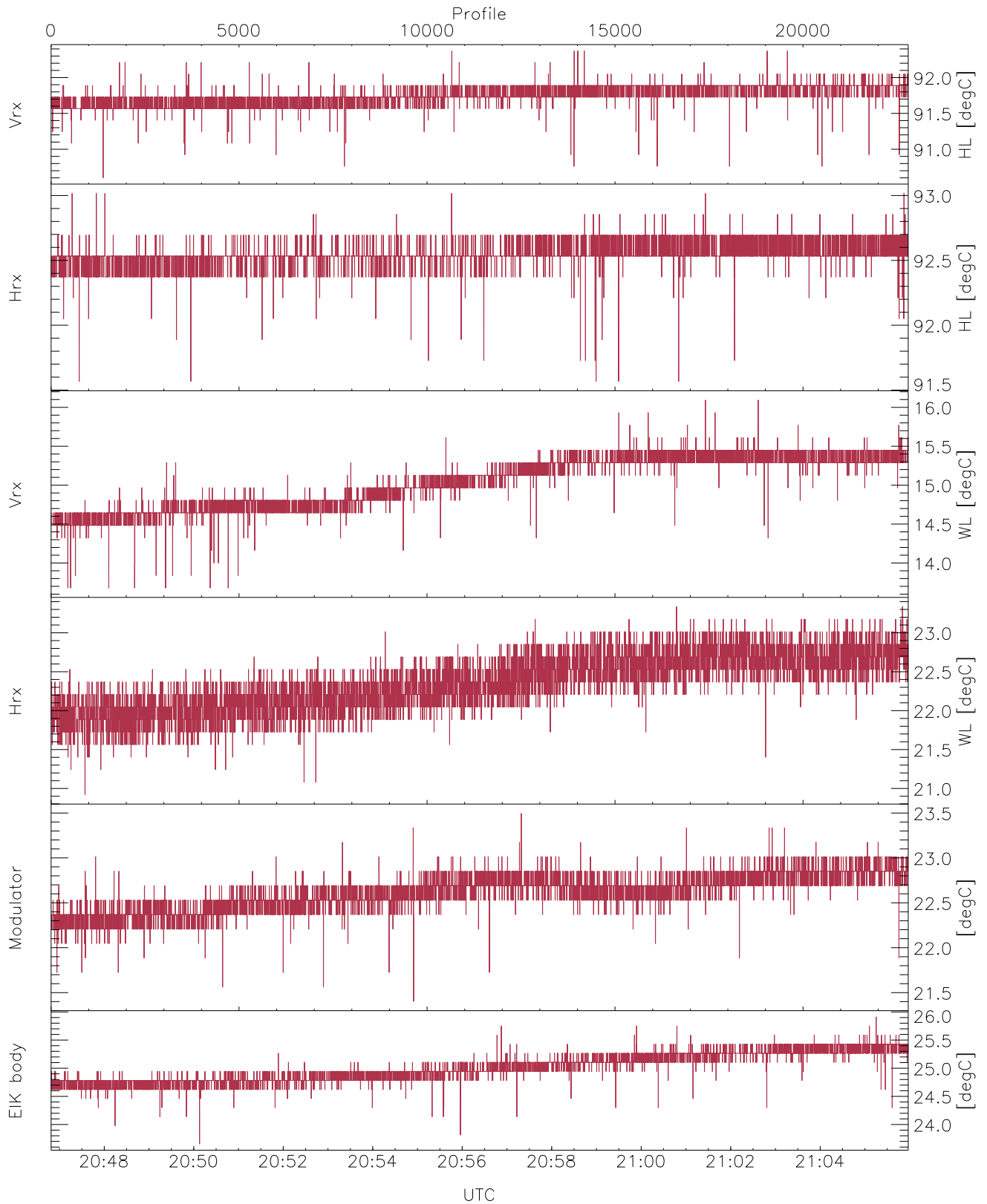


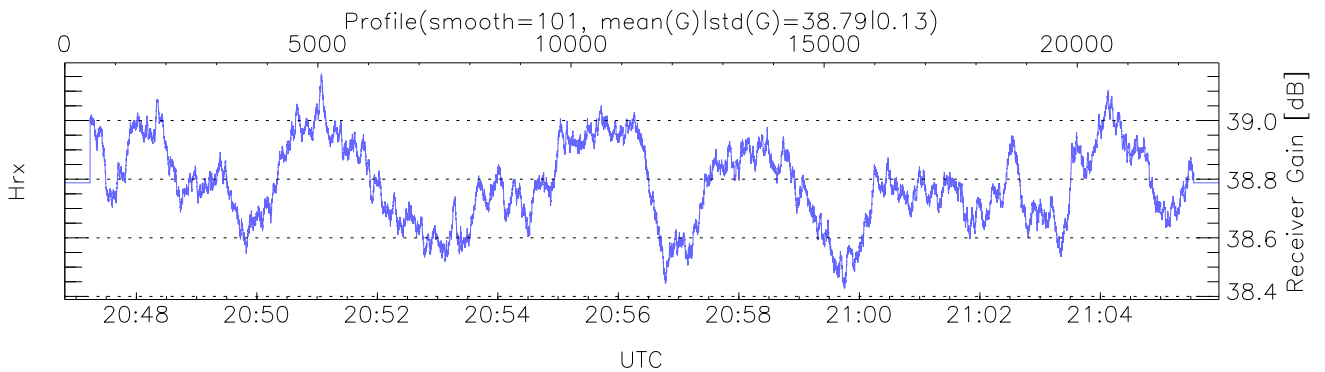
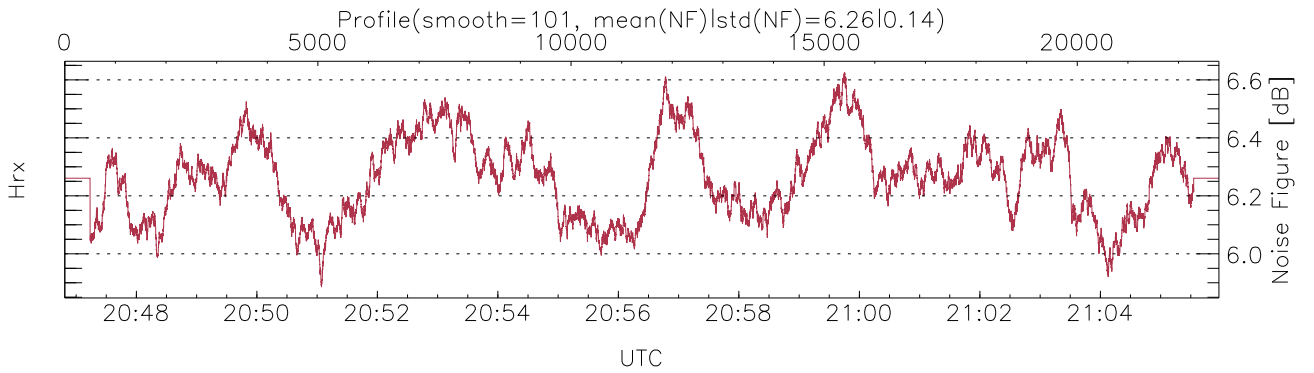
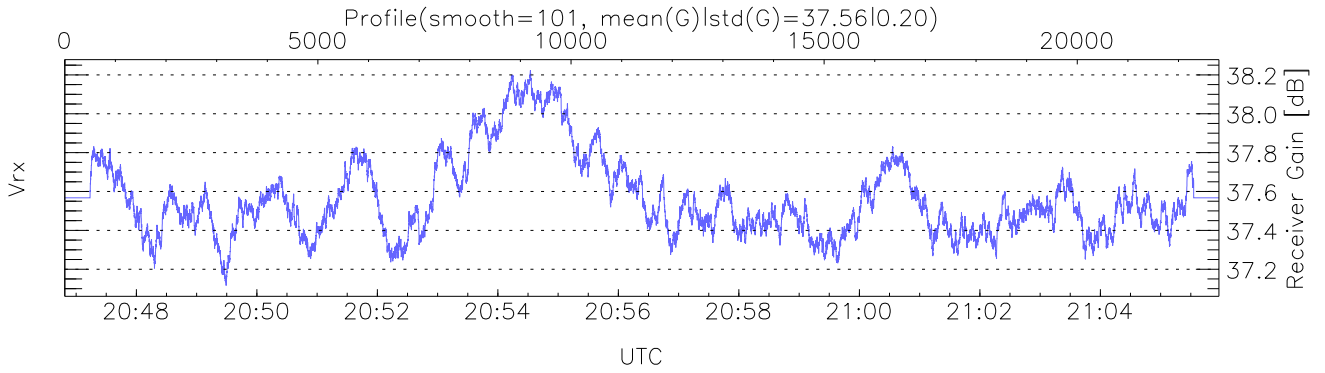
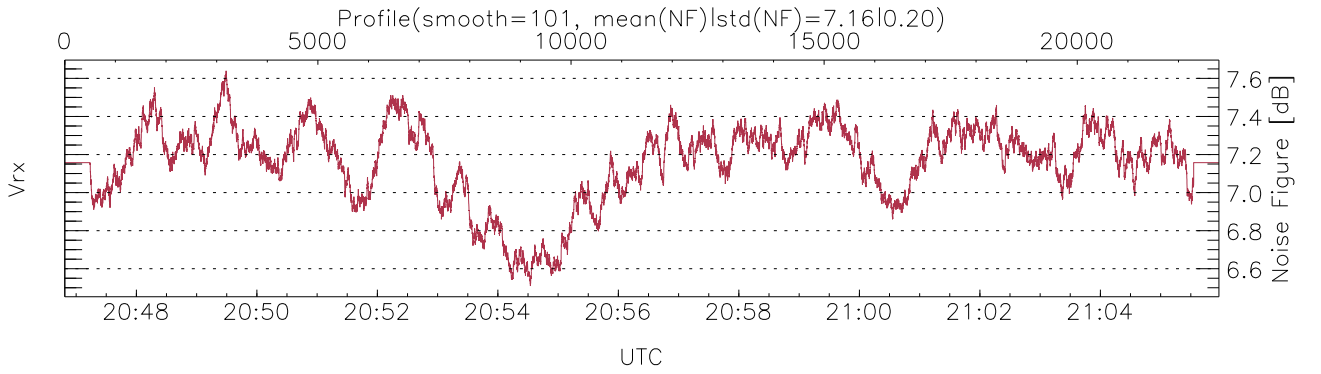
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 20:46:49-21:21:15, Dur: 2065.81s
 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): 22800/40979, 0-22799/20:46:49-21:05:58
 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



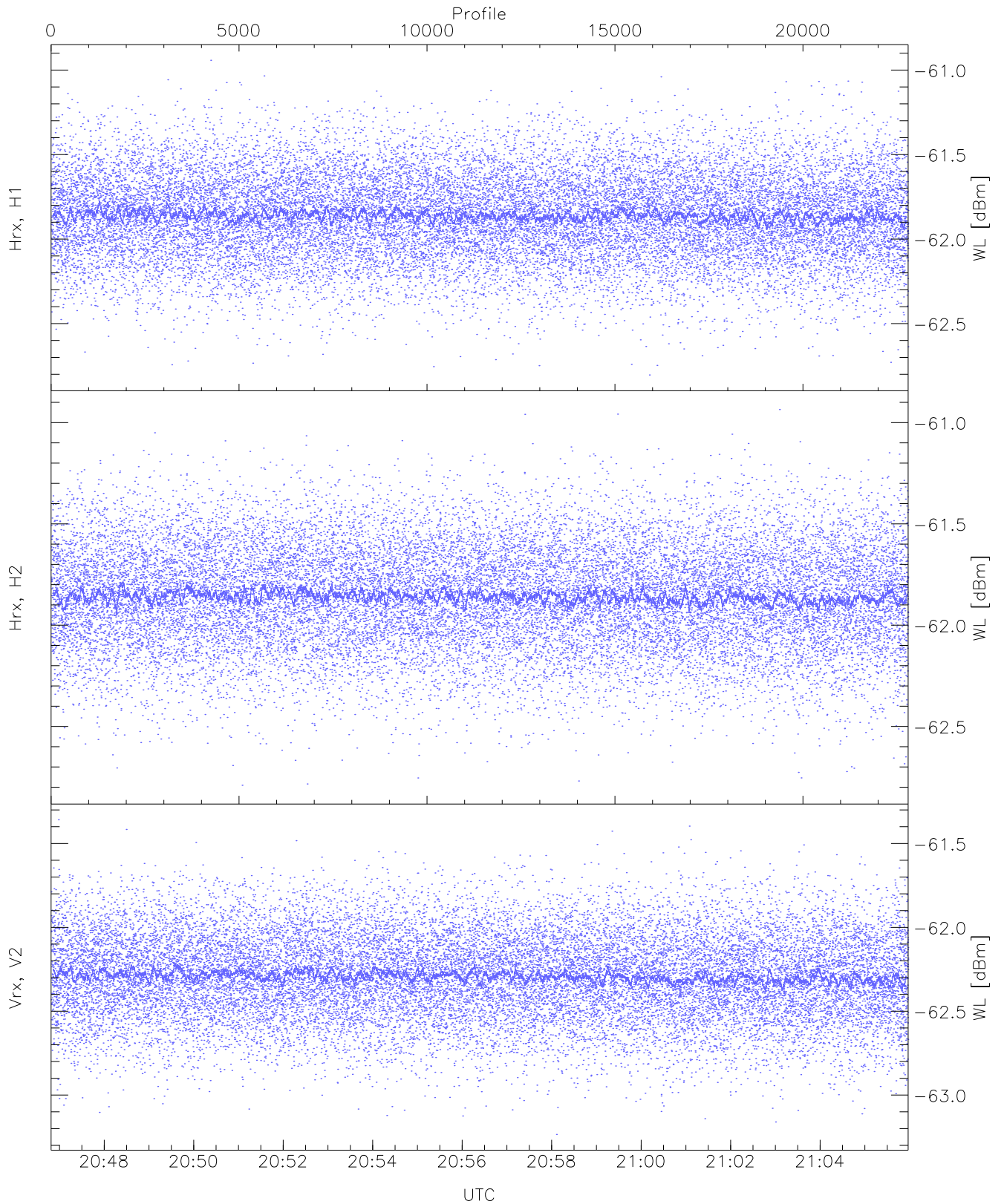
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

```
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,13,20,21,23
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,16,23,23,25
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty (10,10,15,15,10)
```



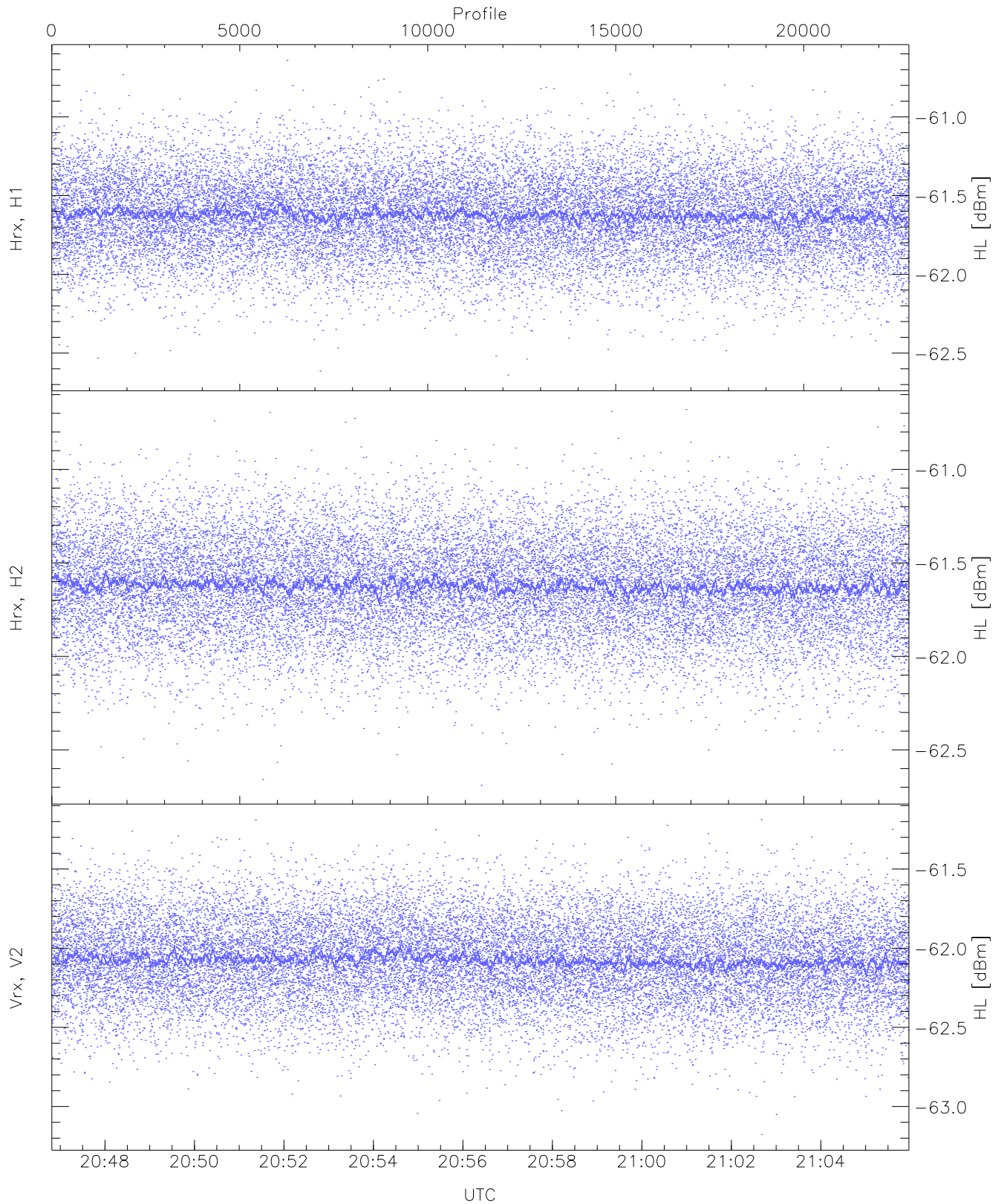
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 15838 pixs, 62 gates, 15473 profs, 3 prods



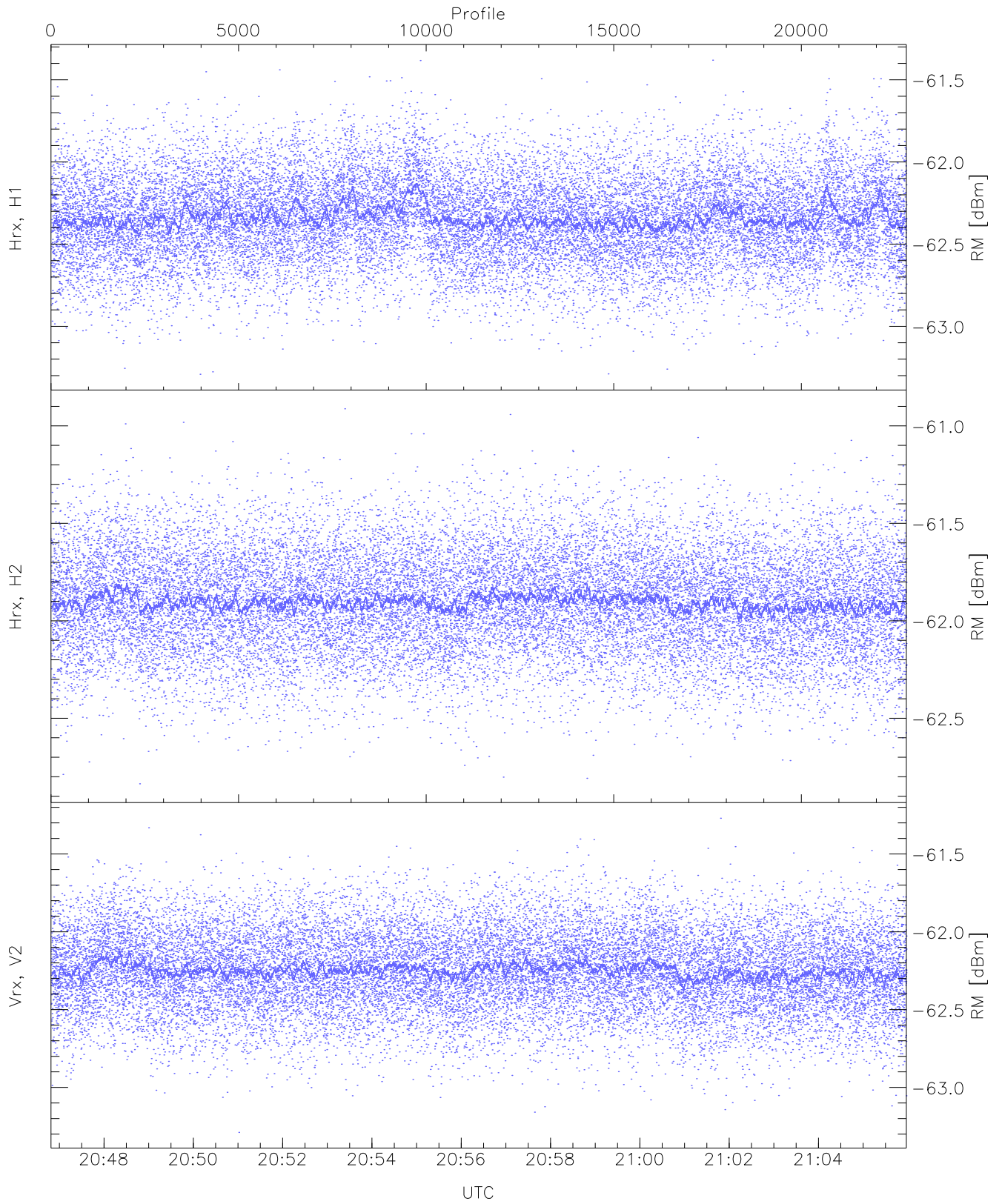
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.80	-60.94	-61.86	-61.86	-74.41
Hrx, H2(WL [dBm])	-62.79	-60.94	-61.86	-61.86	-74.42
Vrx, V2(WL [dBm])	-63.23	-61.36	-62.29	-62.29	-74.83



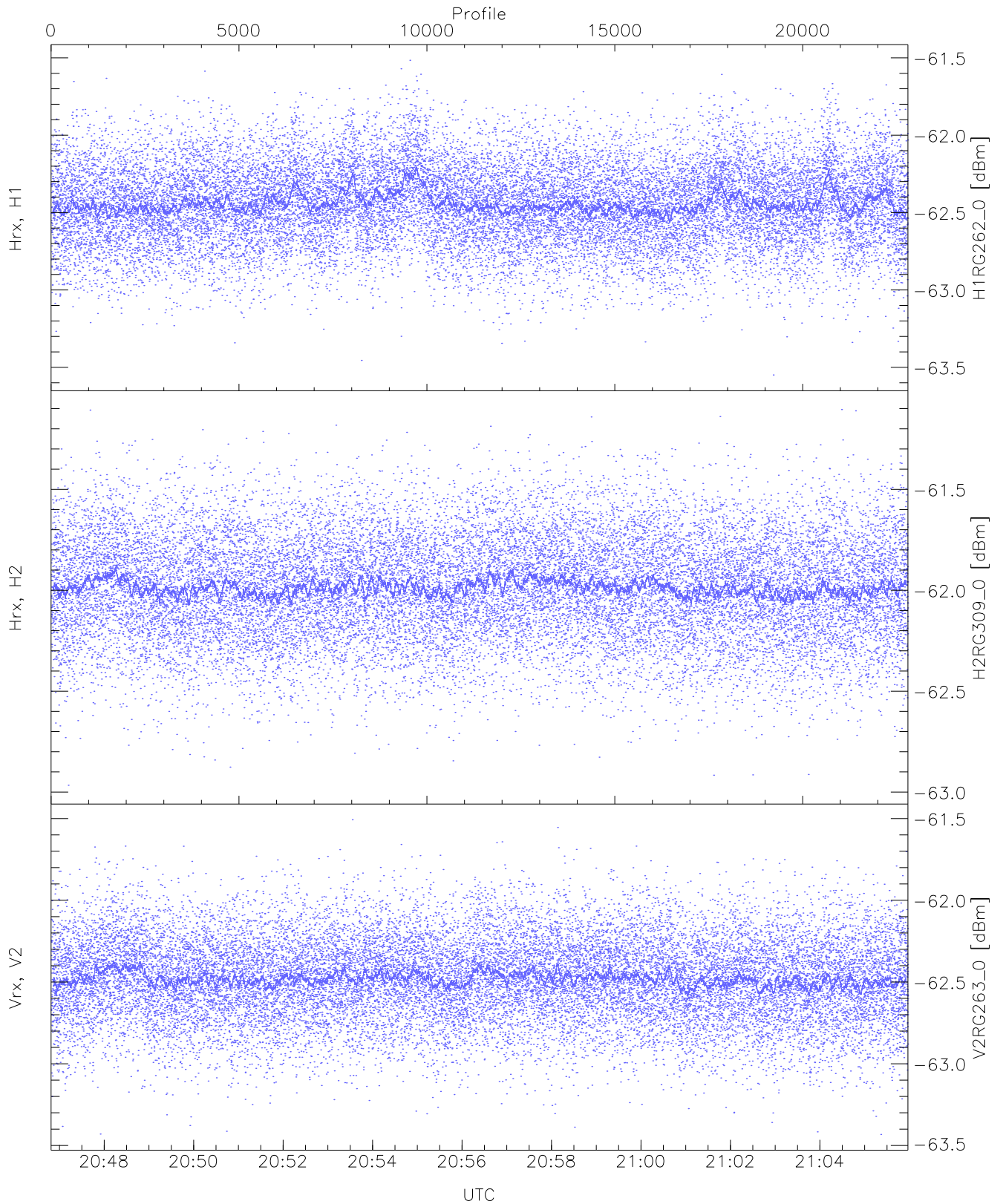
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.64	-60.64	-61.62	-61.62	-74.19
Hrx, H2 (HL [dBm])	-62.69	-60.68	-61.62	-61.62	-74.20
Vrx, V2 (HL [dBm])	-63.18	-61.19	-62.07	-62.08	-74.59



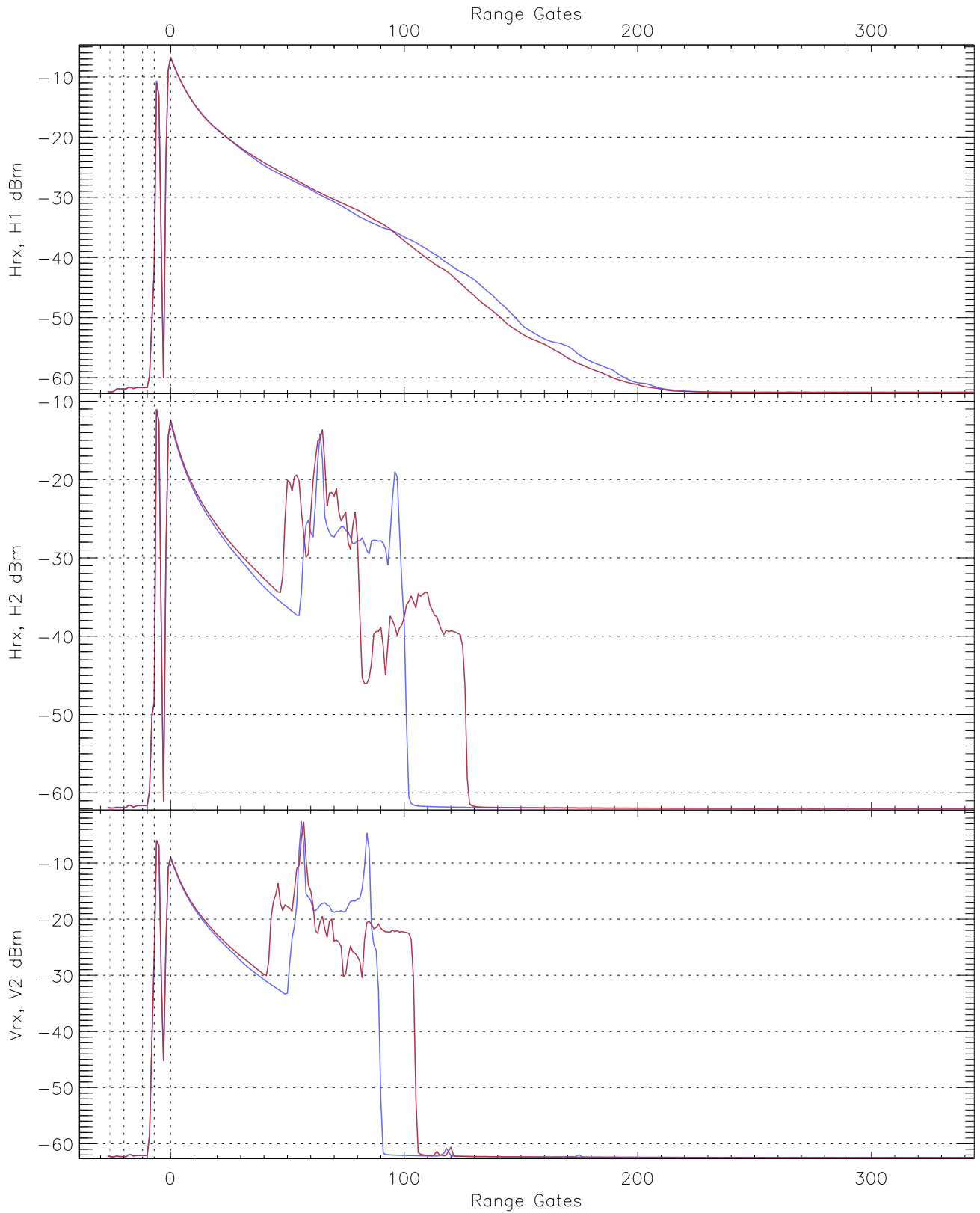
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.29	-61.38	-62.34	-62.34	-74.81
Hrx, H2 (RM [dBm])	-62.84	-60.91	-61.90	-61.91	-74.46
Vrx, V2 (RM [dBm])	-63.29	-61.27	-62.25	-62.26	-74.75

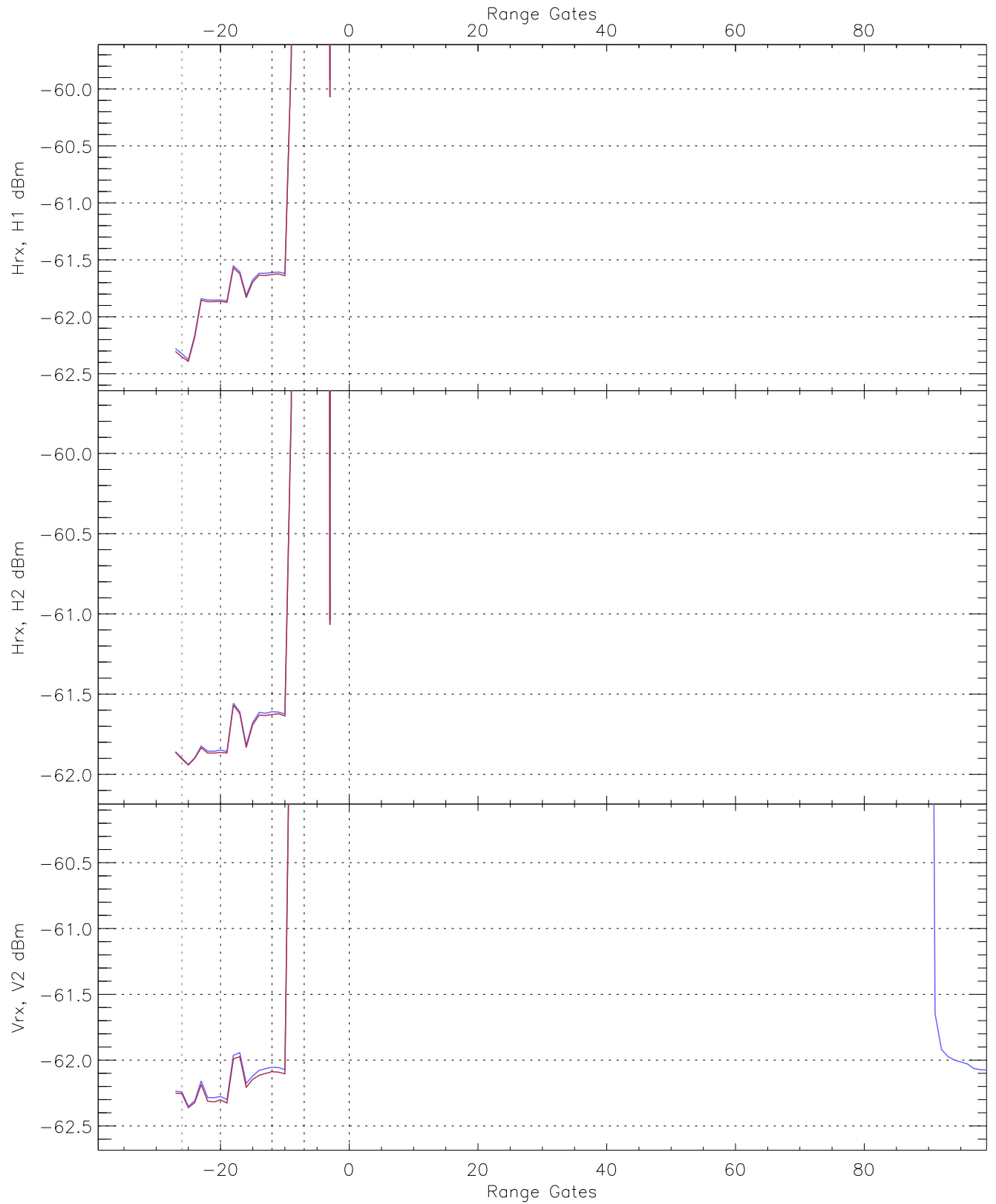


WCR2 CPP "Best" estimate Receivers Noise Power

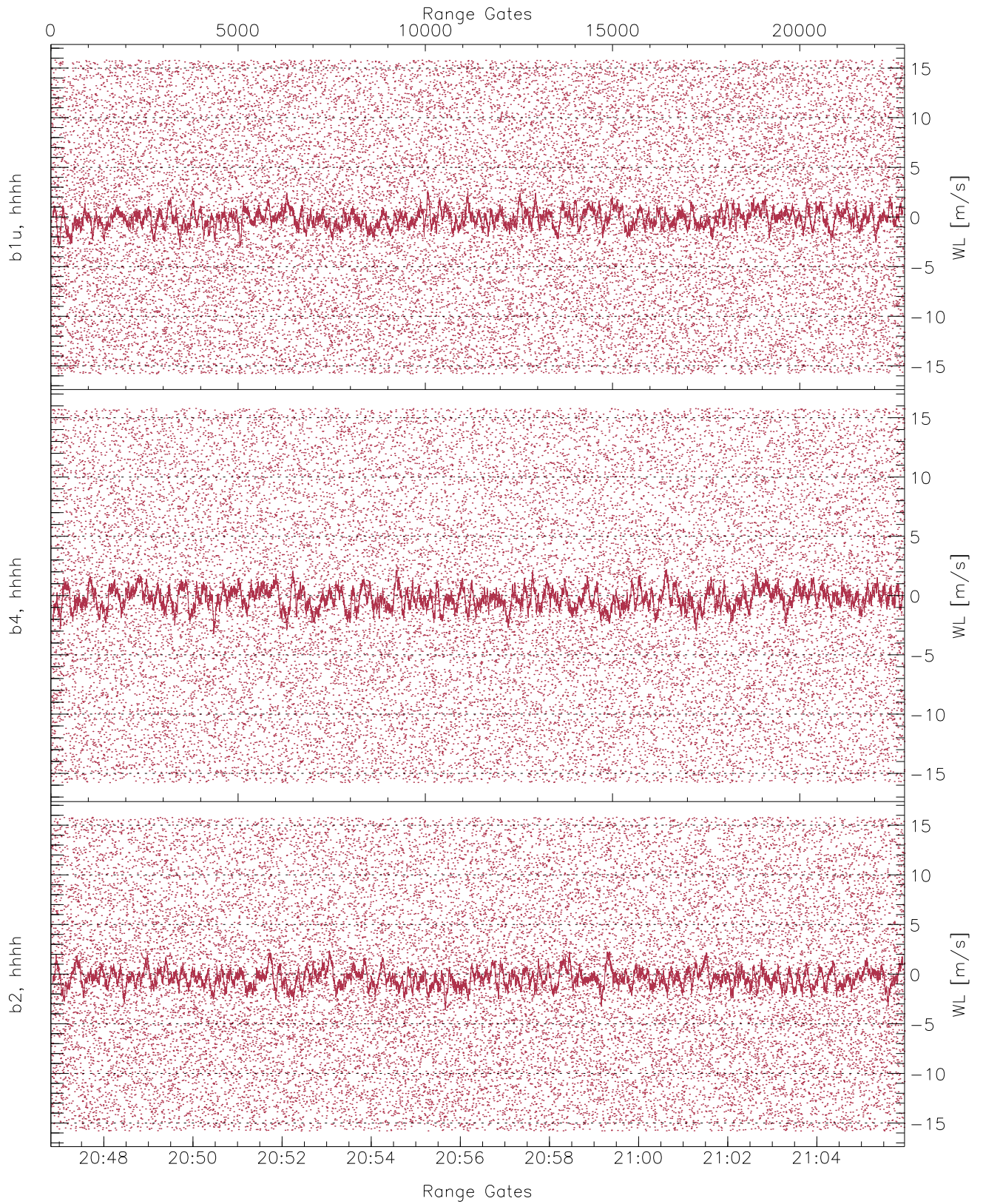
	Min	Max	Mean	Median	StDev
H1RG262_0 [dBm]	-63.55	-61.52	-62.44	-62.44	-74.88
H2RG309_0 [dBm]	-62.97	-61.10	-61.98	-61.99	-74.51
V2RG263_0 [dBm]	-63.43	-61.51	-62.48	-62.48	-75.02



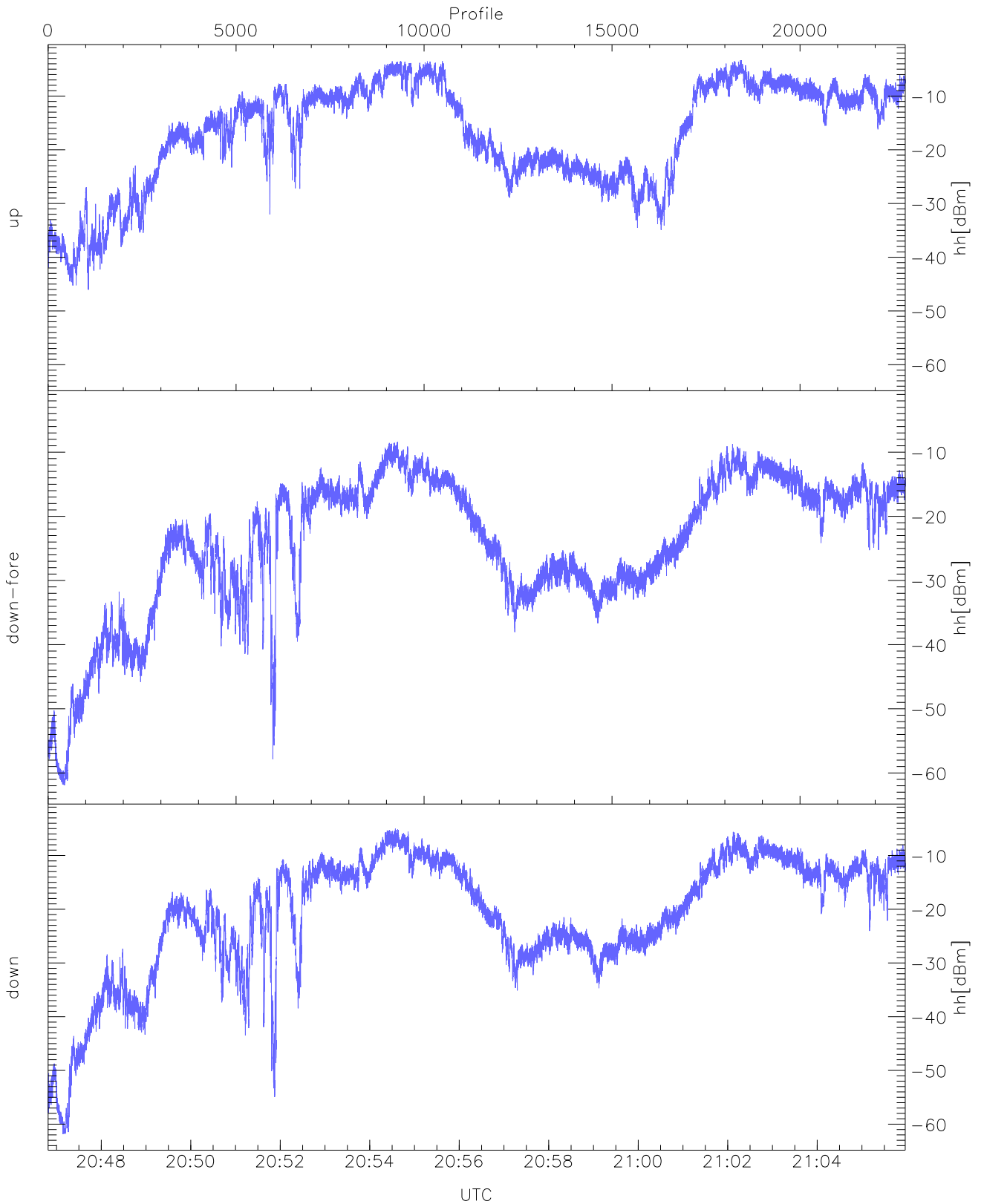
WCR2 CPP Averaged Received power for all recorded gates
blue: 204649-205623, 11401 profiles averaged
red: 205623-210558, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 204649-205623, 11401 profiles averaged
red: 205623-210558, 11400 profiles averaged

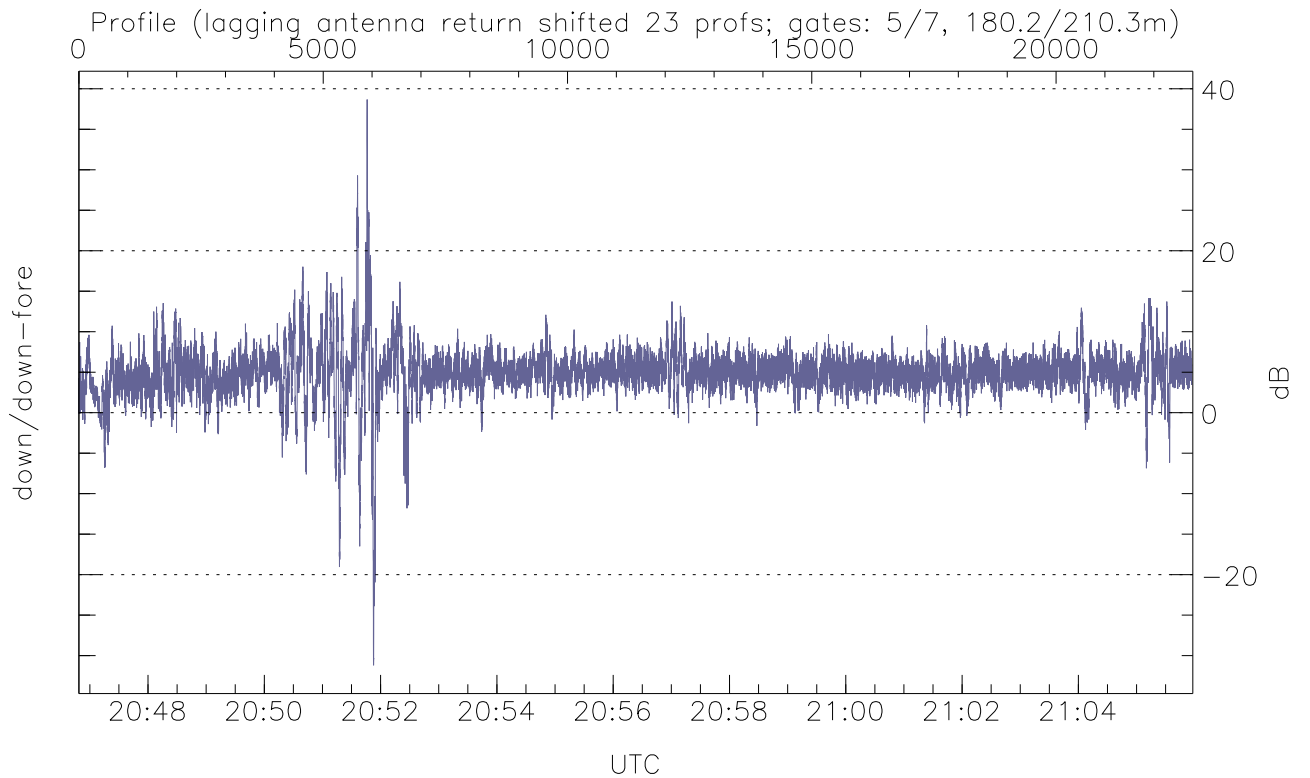
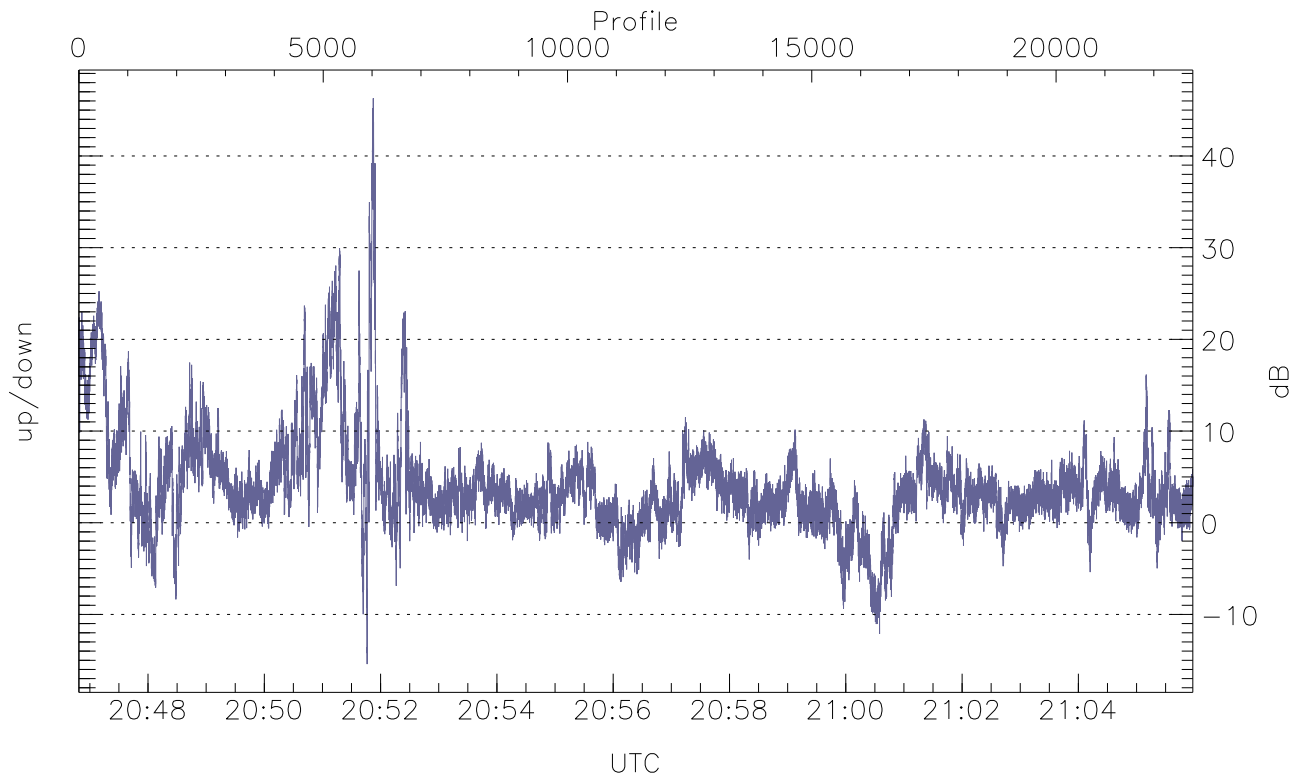


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



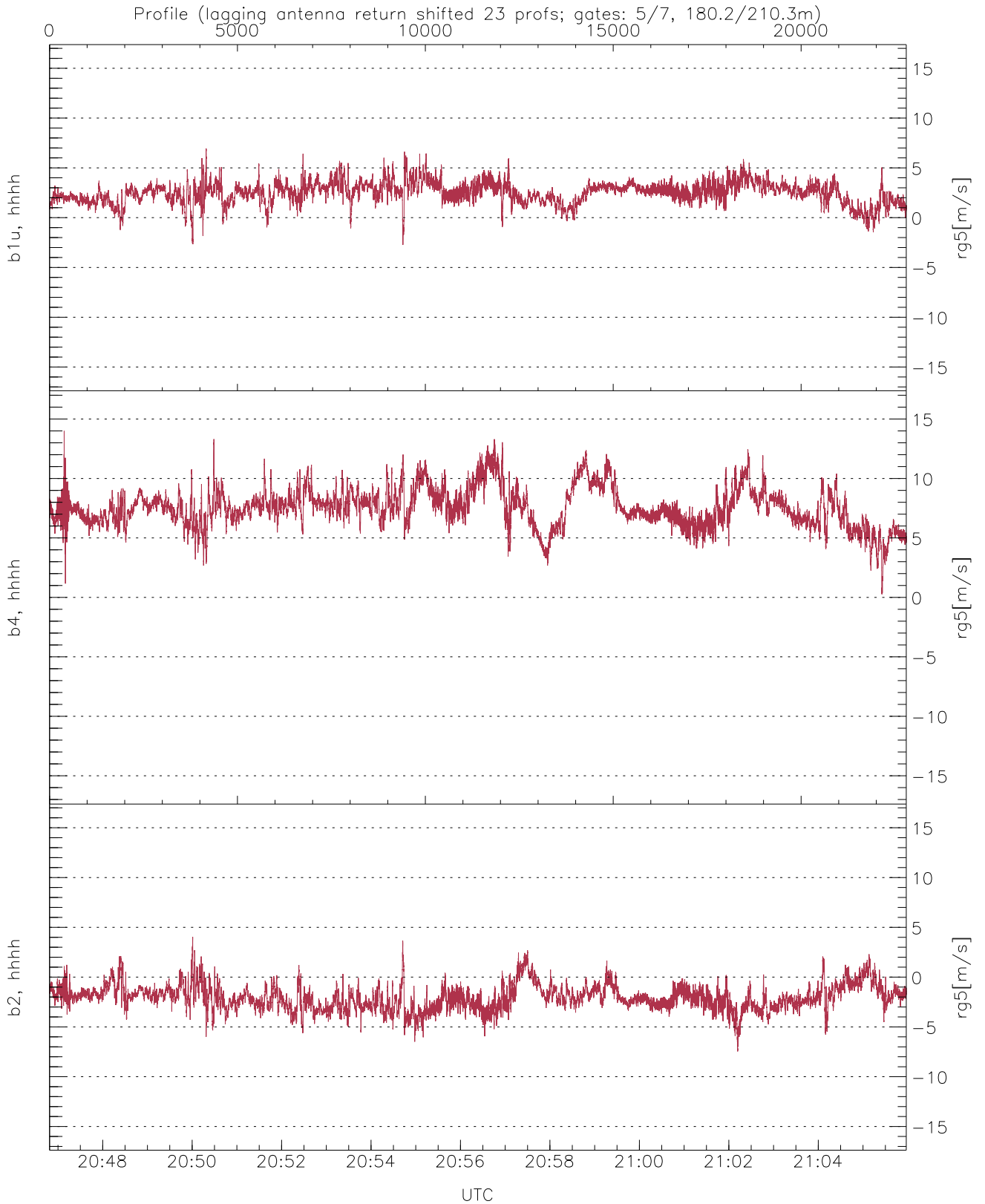
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-46.05	-3.35	-11.15
down-fore(hh[dBm])	-61.92	-8.40	-17.65
down(hh[dBm])	-61.86	-5.01	-14.16



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

	Min	Max	Mean
up/down (dB)	-15.41	46.29	4.10
down/down-fore (dB)	-31.19	38.68	4.94



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-2.72	6.95	2.49	1.08
b4, hhhh(rg5[m/s])	0.26	13.99	7.56	1.65
b2, hhhh(rg5[m/s])	-7.47	4.03	-2.05	1.27