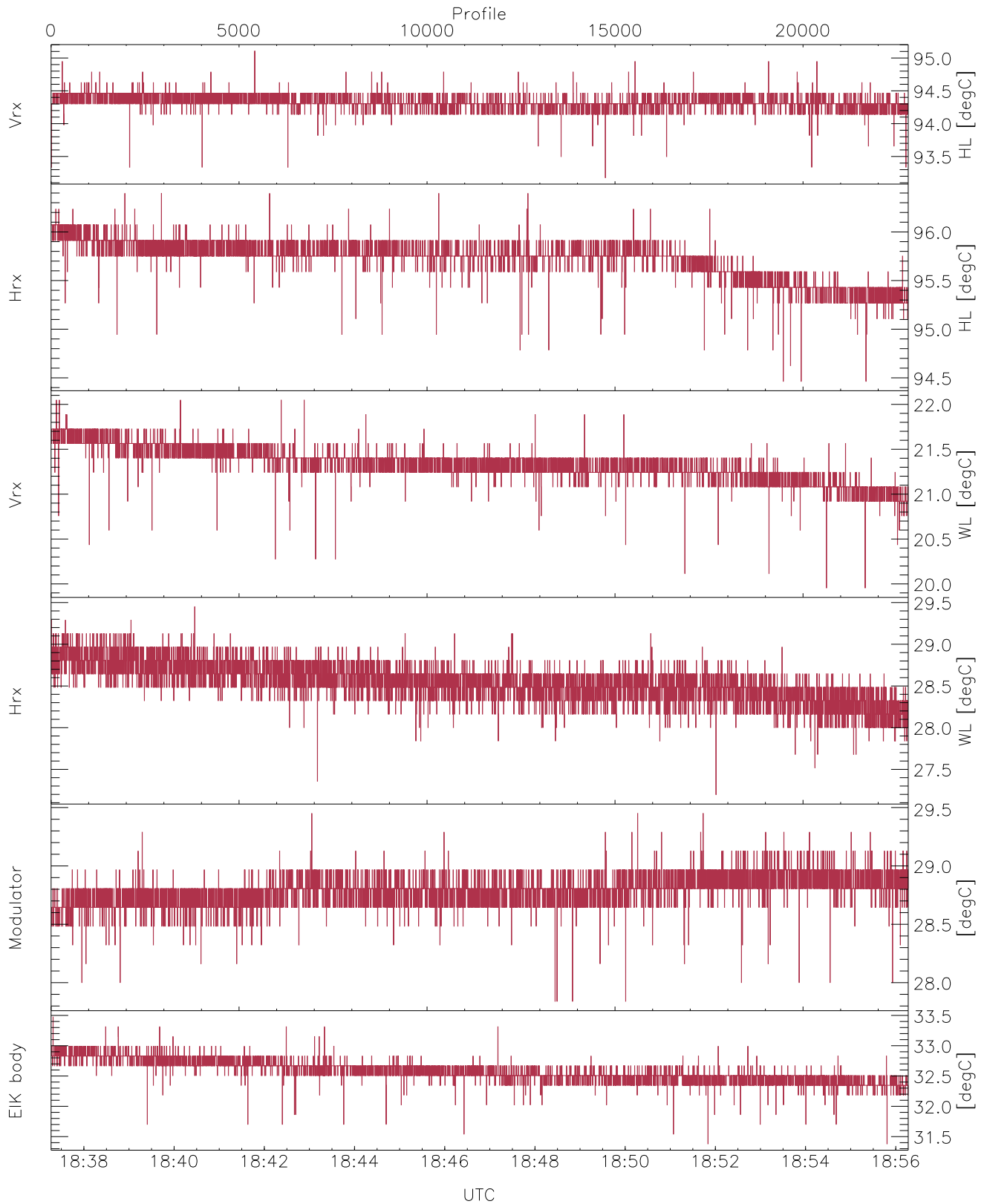


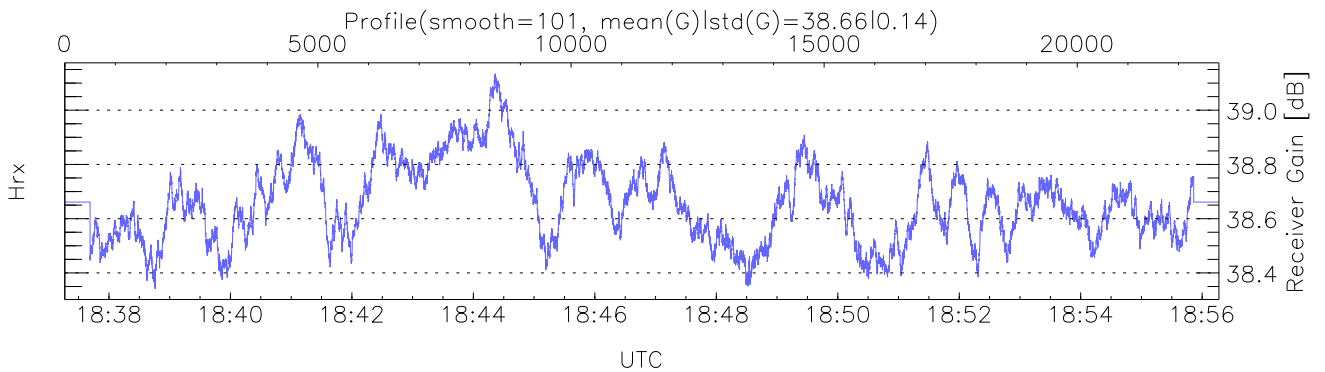
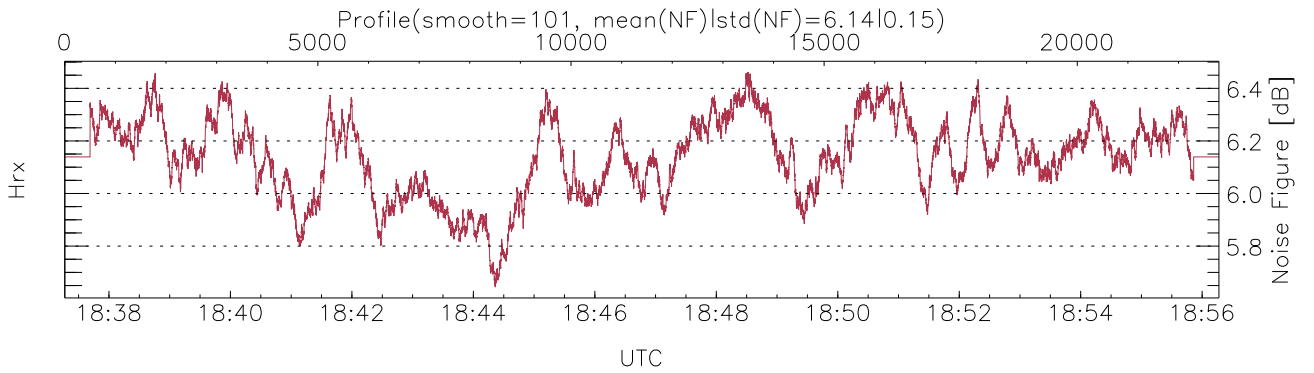
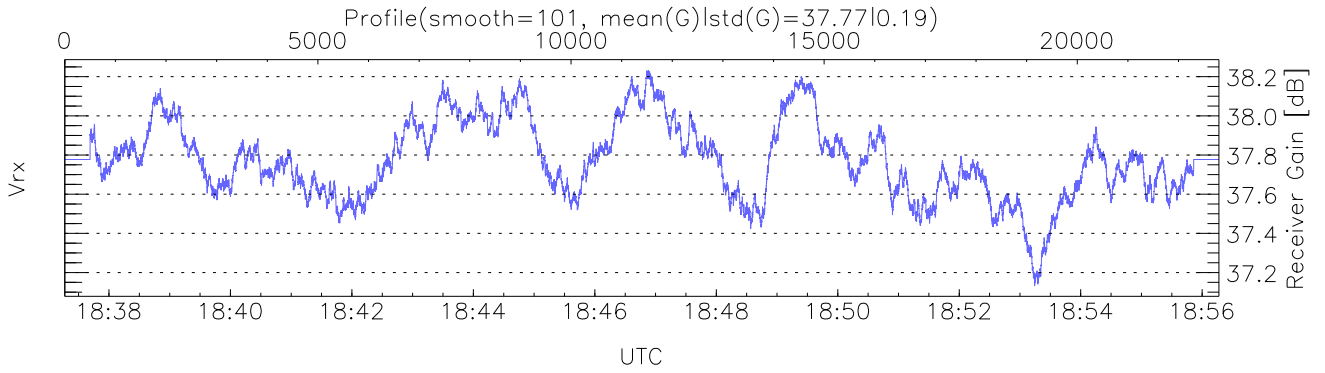
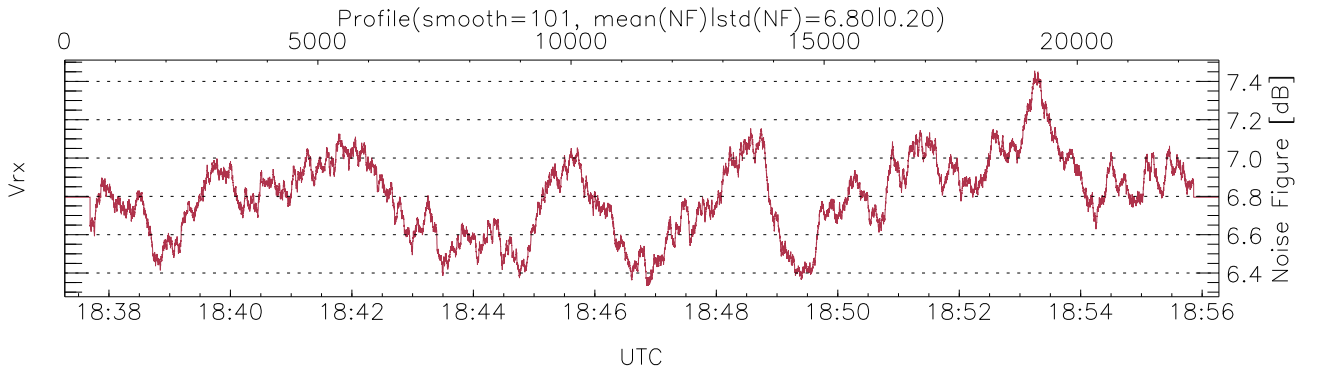
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:37:16-19:38:49, Dur: 3692.42s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 50.0,50.0,50.0,0.0 ms / 20,20,20
 NumRec(r/t): 22800/73831, 0-22799/18:37:16-18:56:17
 AcqTime: 50.0ms, Rate: 113KB/s, Averages: 250
 Pulse: 200ns, IFF: 5.0MHz, Tx: V2 V2 H2 H2
 PRF: 20.0 20.0 20.0 KHz, IGS: 50us
 Range(min,max,rqs): 105,3108,15.0 m, Gates: 201, Aspect: 3.3
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



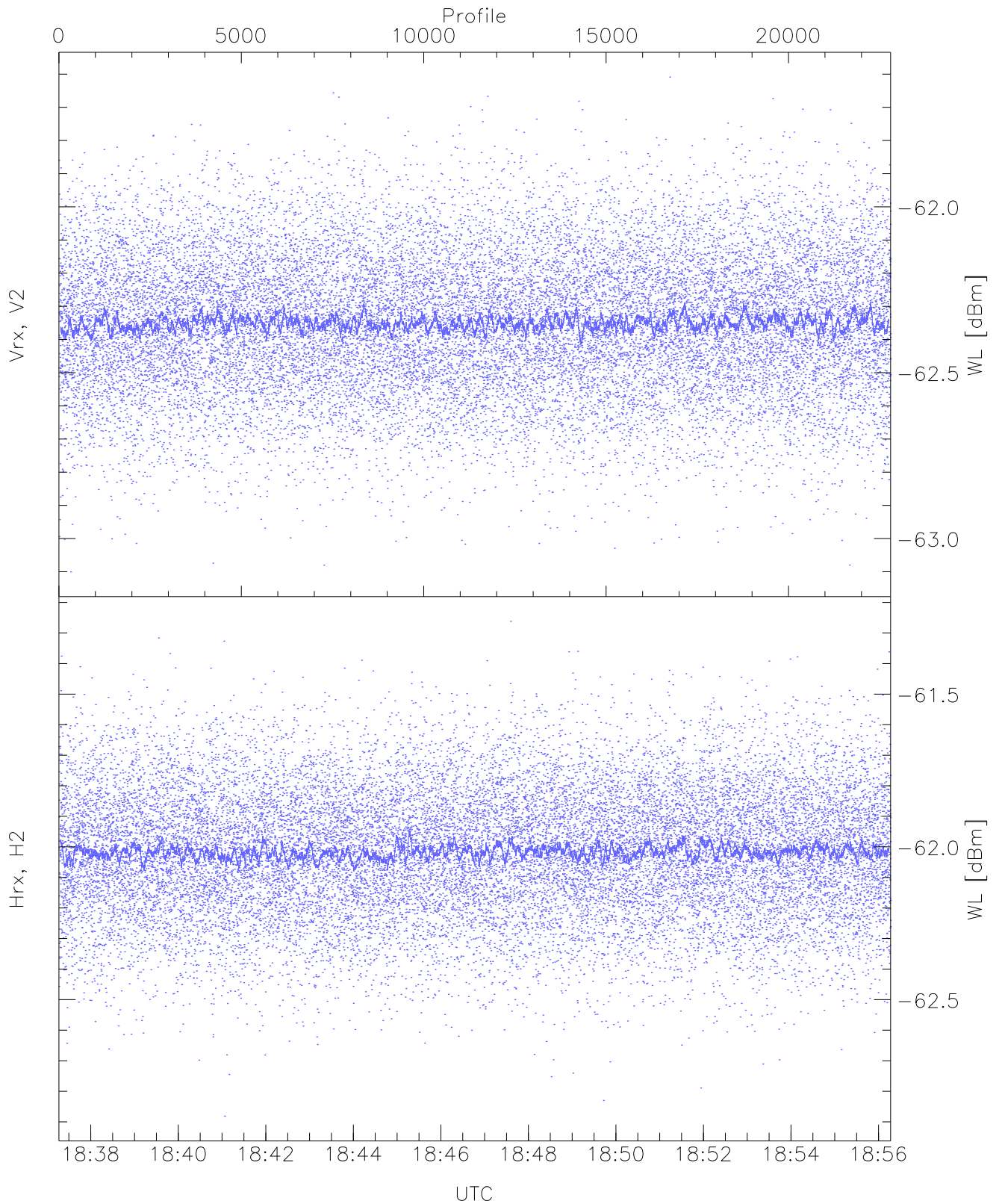
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

```
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,19,27,27,31
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 95,96,22,29,29,33
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (17,17,17,17,17,10)
```



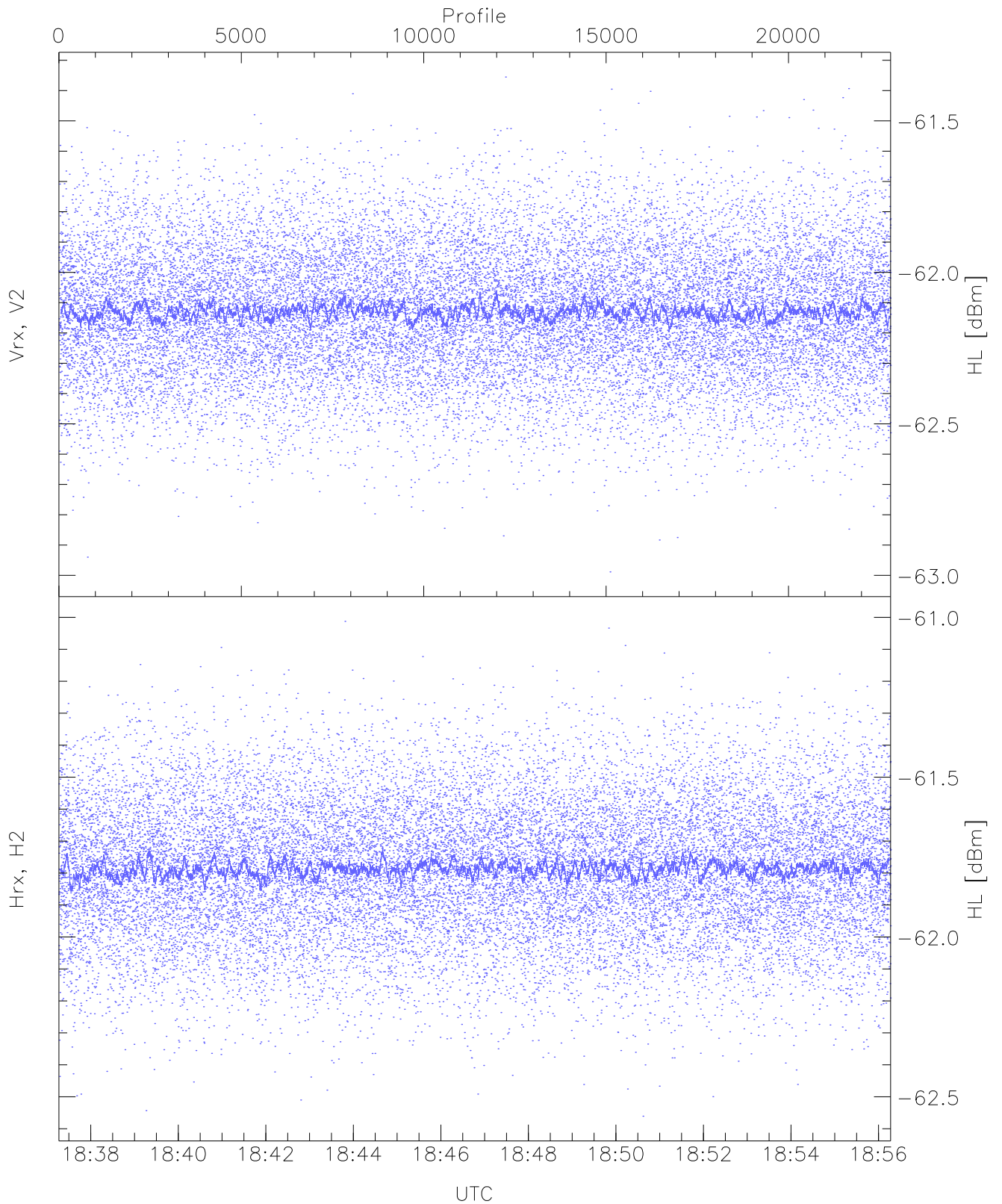
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 9993 pixs, 69 gates, 8871 profs, 2 prods



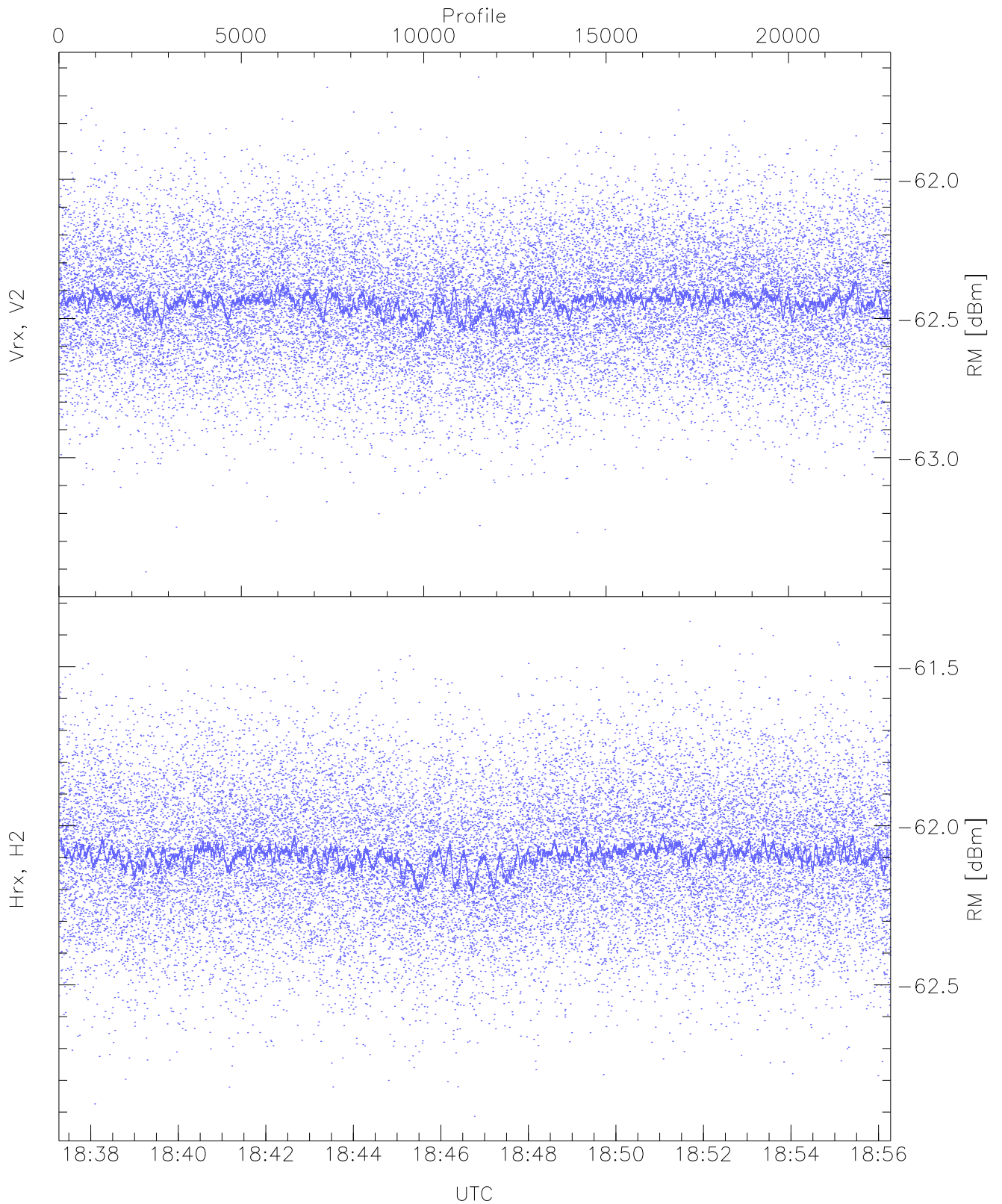
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Vrx, V2(WL [dBm])	-63.10	-61.61	-62.35	-62.35	-75.78
Hrx, H2(WL [dBm])	-62.88	-61.26	-62.01	-62.02	-75.45



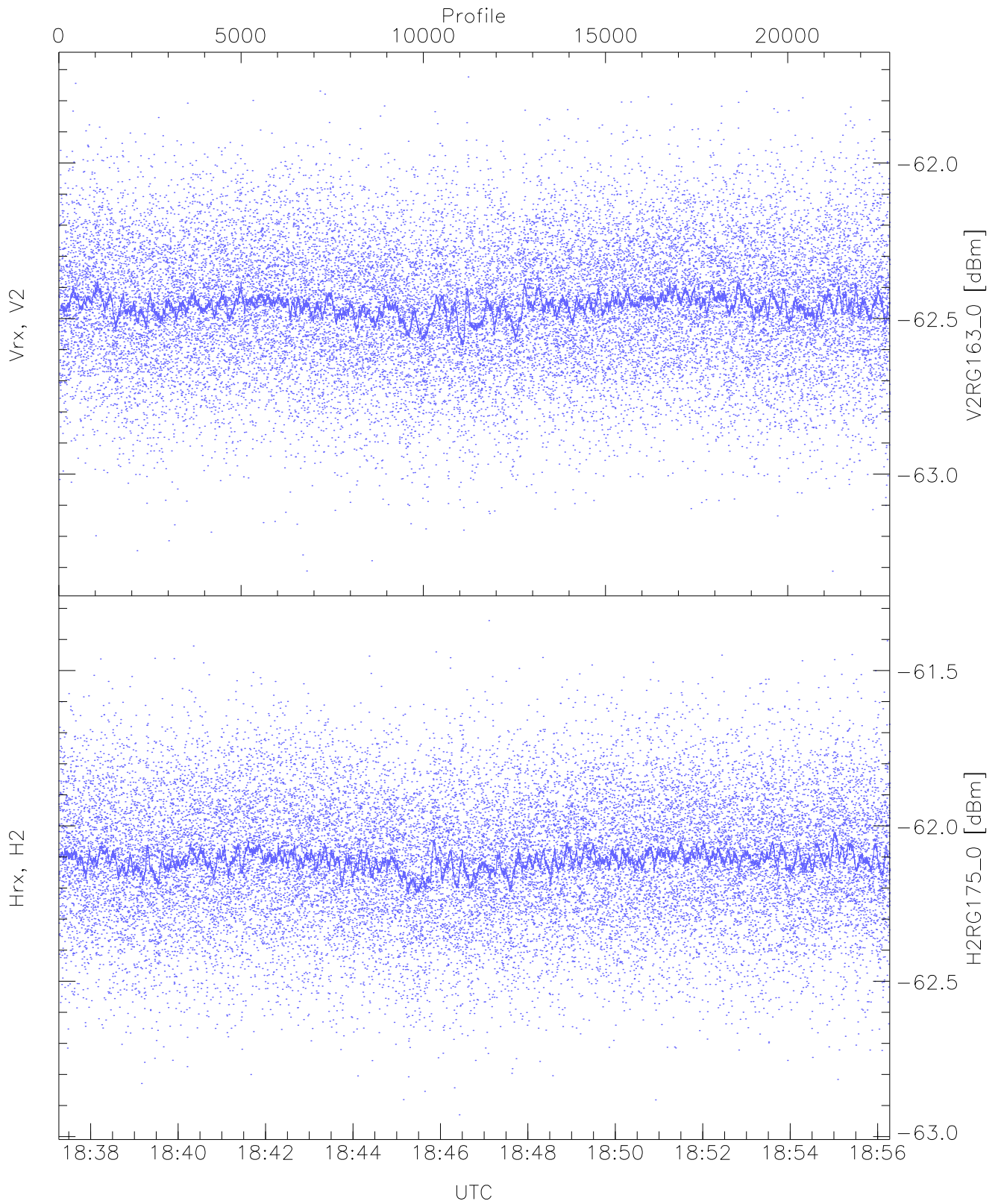
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Vrx, V2(HL [dBm])	-62.99	-61.36	-62.13	-62.13	-75.52
Hrx, H2(HL [dBm])	-62.56	-61.01	-61.79	-61.79	-75.20



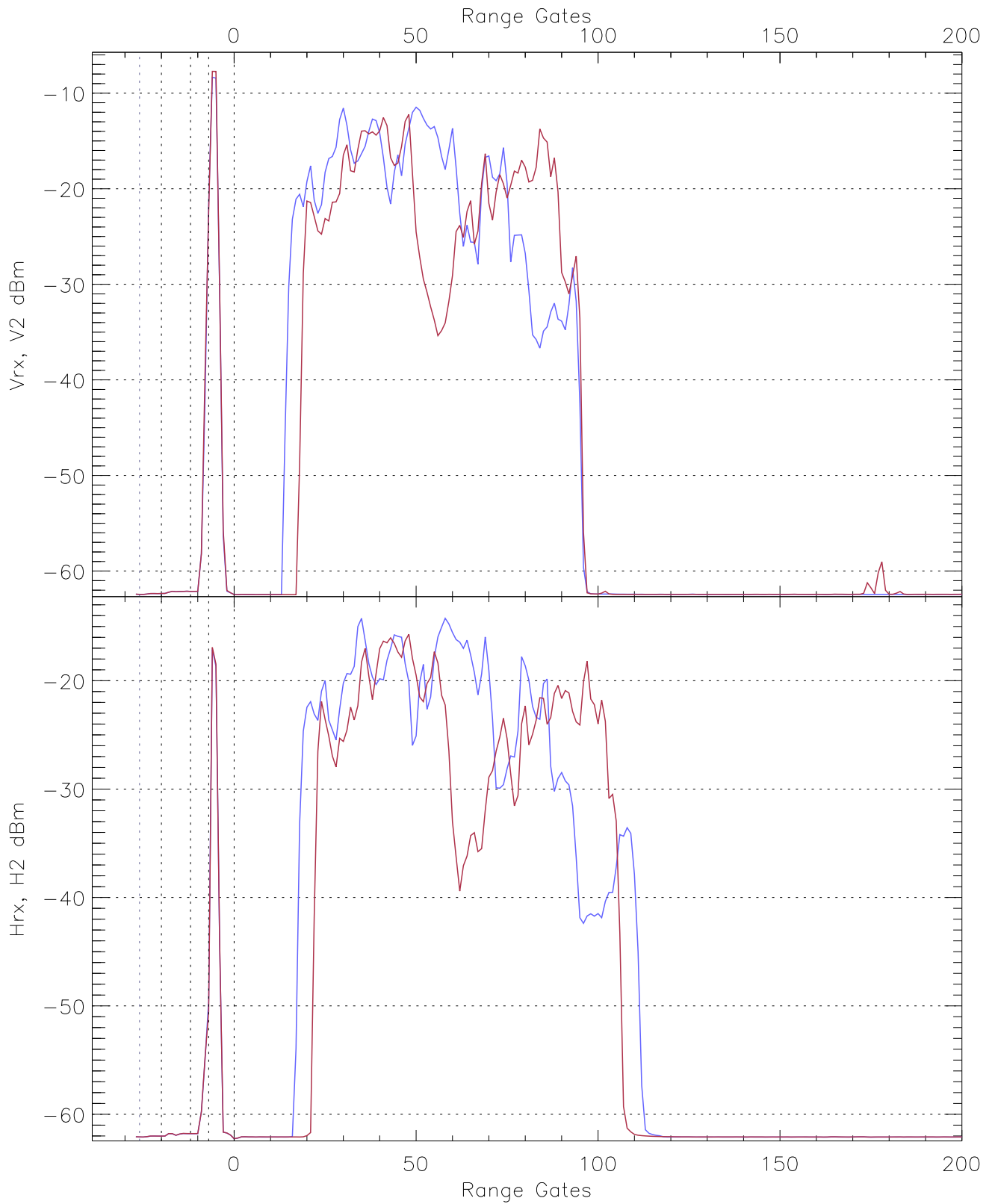
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Vrx, V2(RM [dBm])	-63.41	-61.63	-62.44	-62.44	-75.79
Hrx, H2(RM [dBm])	-62.91	-61.36	-62.09	-62.10	-75.47

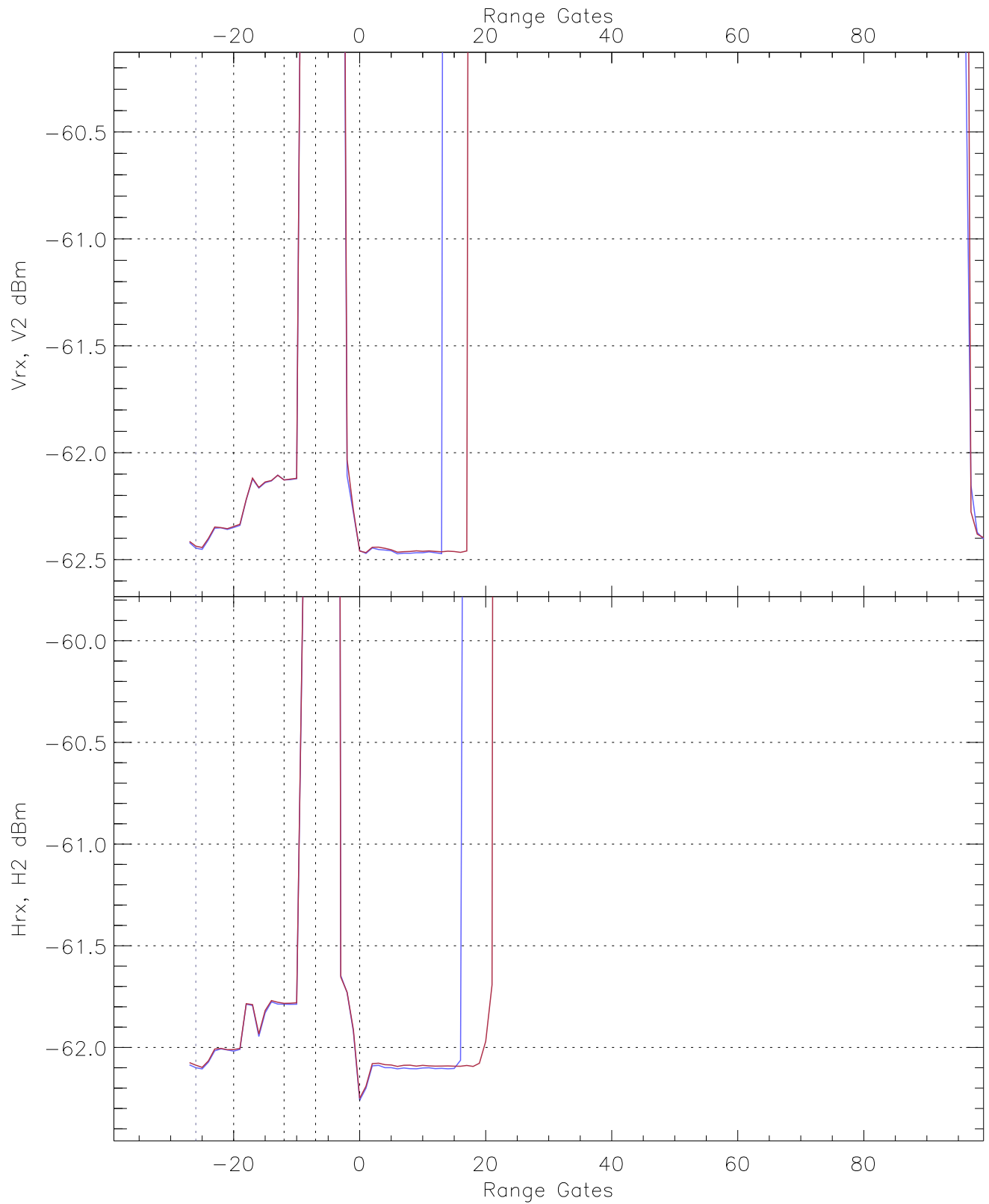


WCR2 CPP "Best" estimate Receivers Noise Power

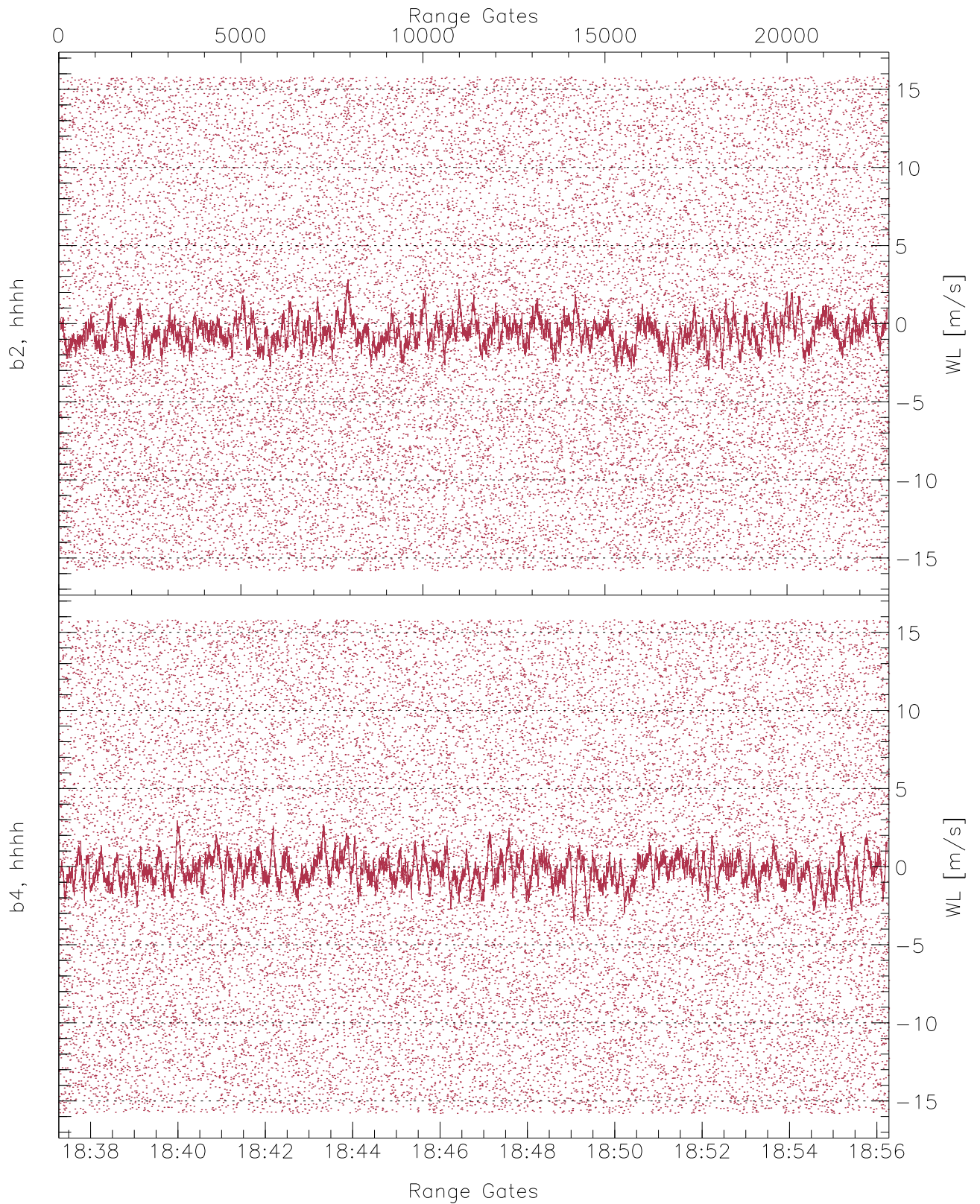
	Min	Max	Mean	Median	StDev
V2RG163_0 [dBm]	-63.31	-61.72	-62.46	-62.46	-75.81
H2RG175_0 [dBm]	-62.93	-61.34	-62.11	-62.11	-75.48



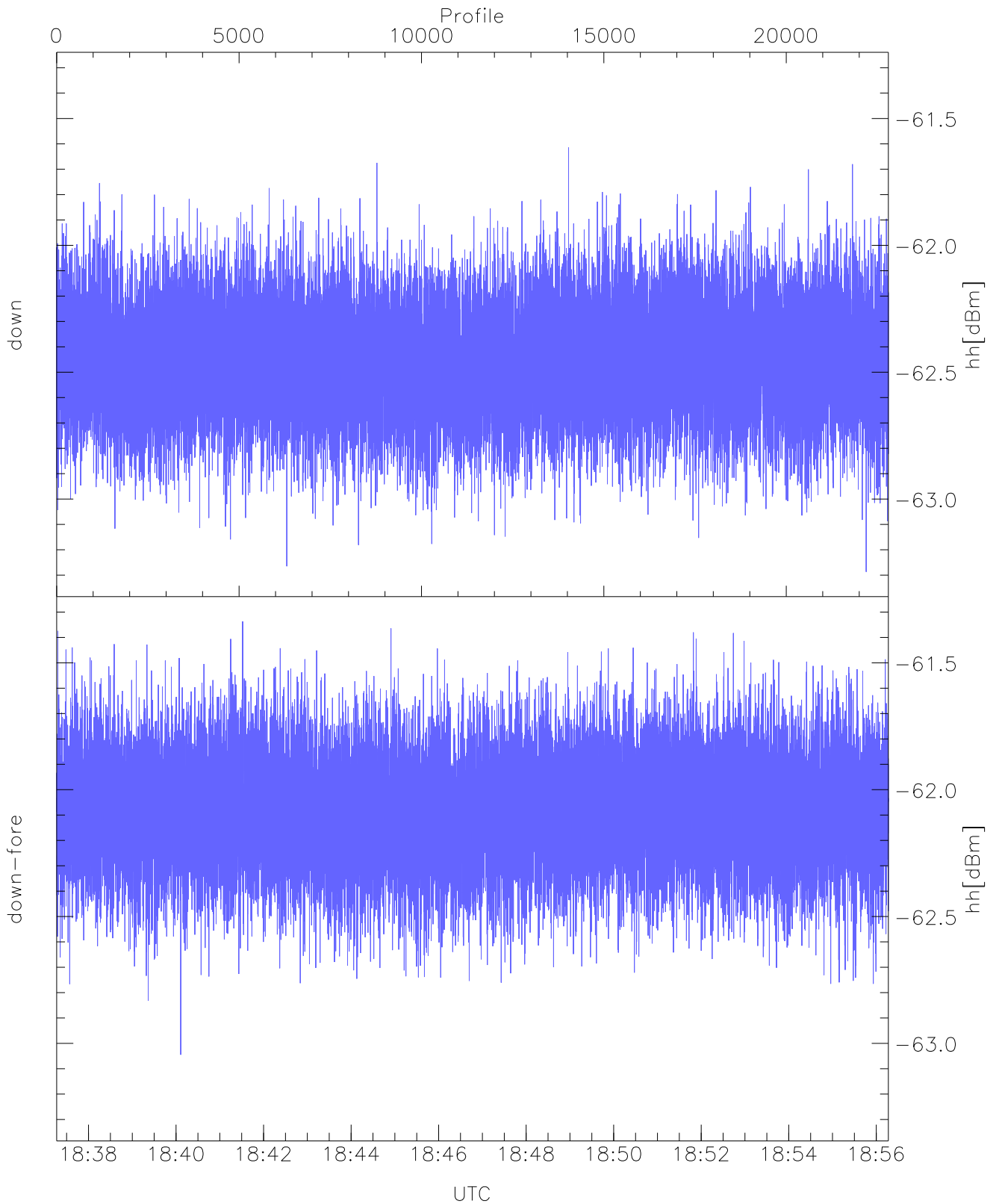
WCR2 CPP Averaged Received power for all recorded gates
blue: 183716-184646, 11401 profiles averaged
red: 184646-185617, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 183716-184646, 11401 profiles averaged
red: 184646-185617, 11400 profiles averaged

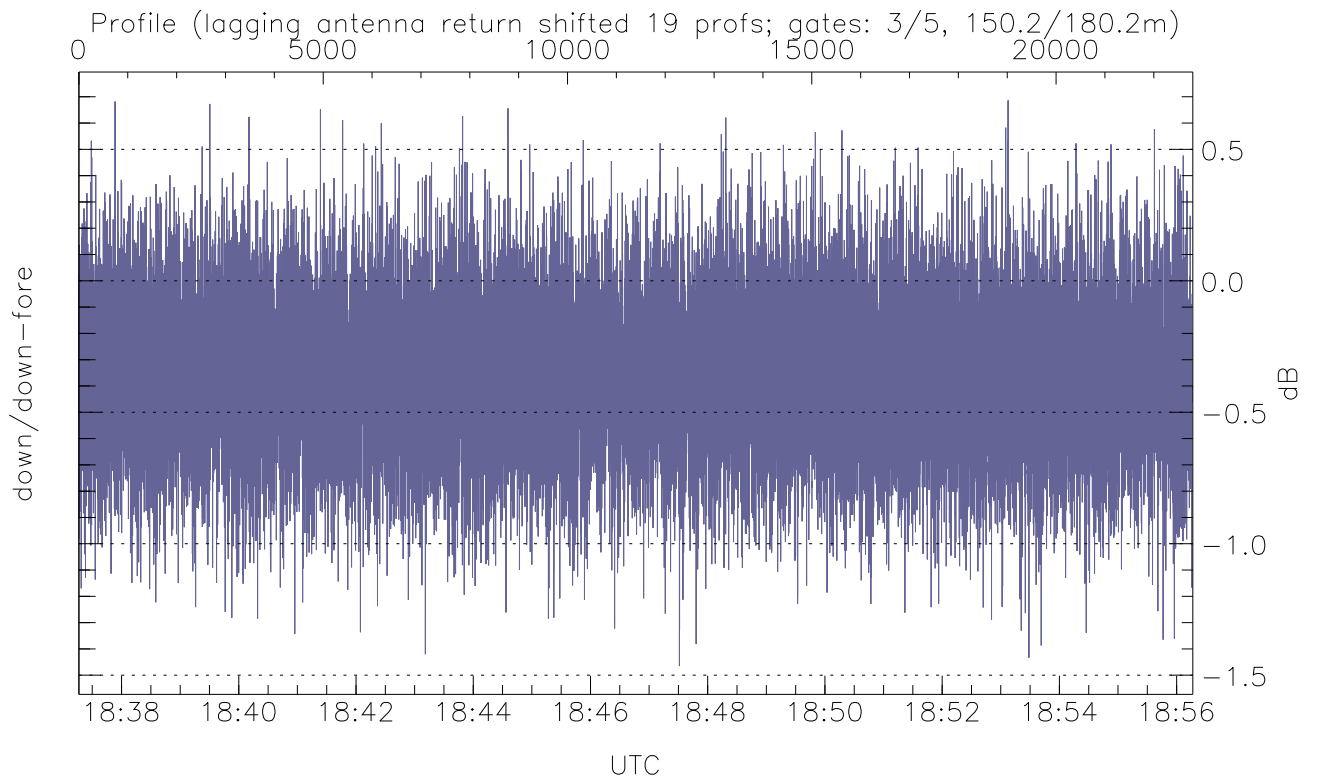


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



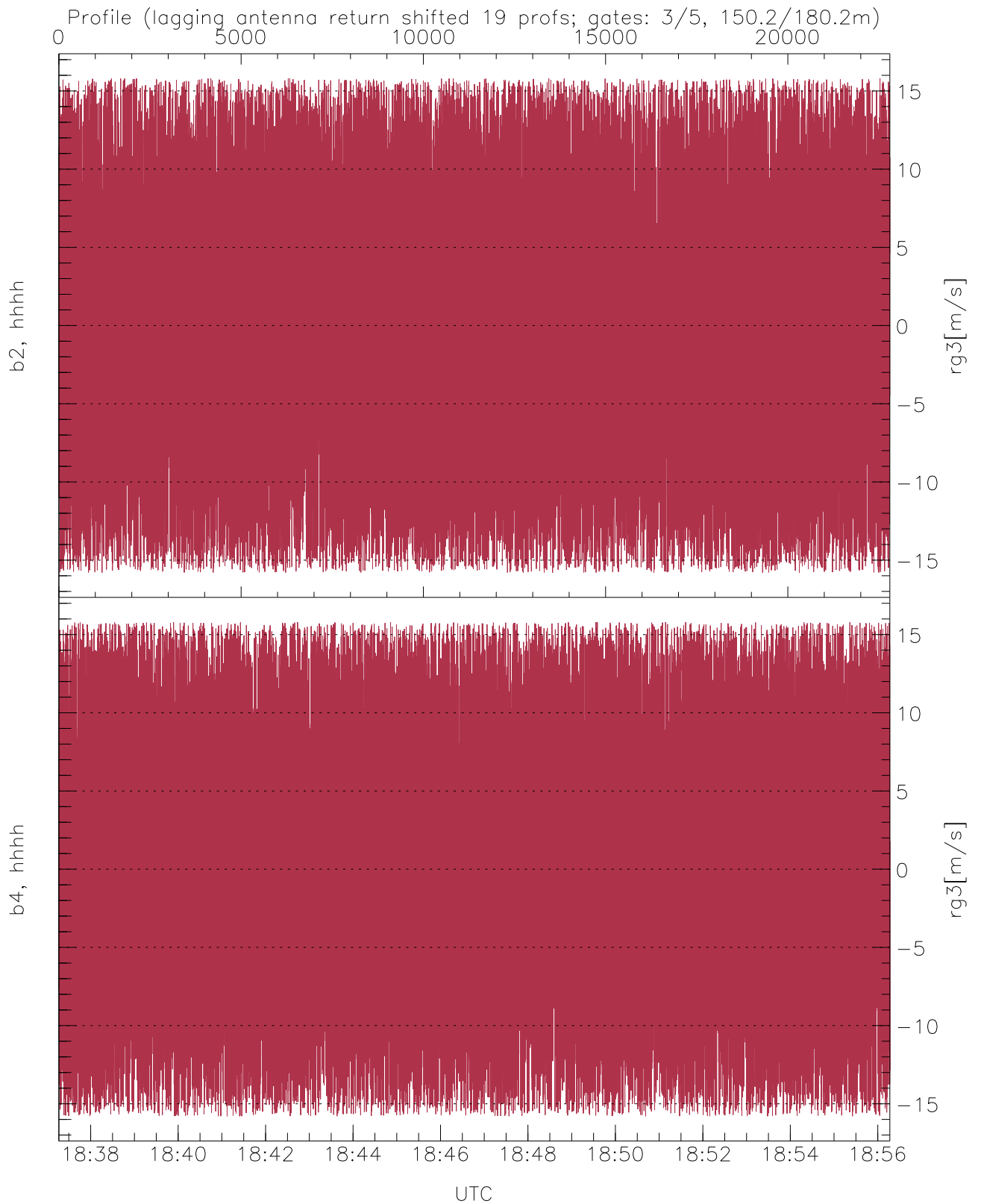
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
down(hh[dBm])	-63.29	-61.61	-62.45
down-fore(hh[dBm])	-63.04	-61.34	-62.08



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

	Min	Max	Mean
down/down-fore(dB)	-1.47	0.69	-0.35



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b2, hhhh(rg3[m/s])	-15.80	15.80	-0.57	8.87
b4, hhhh(rg3[m/s])	-15.80	15.79	-0.12	9.10