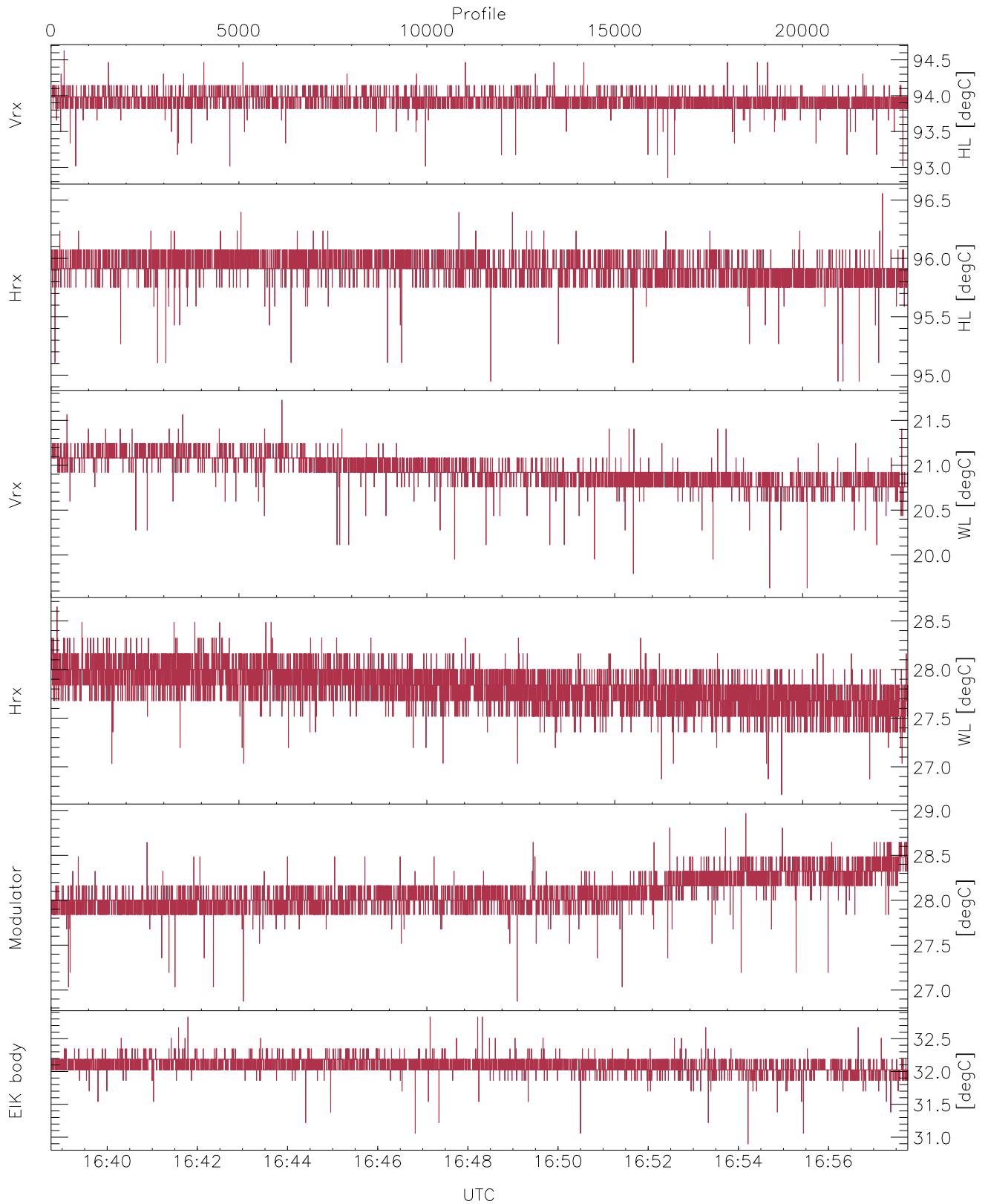


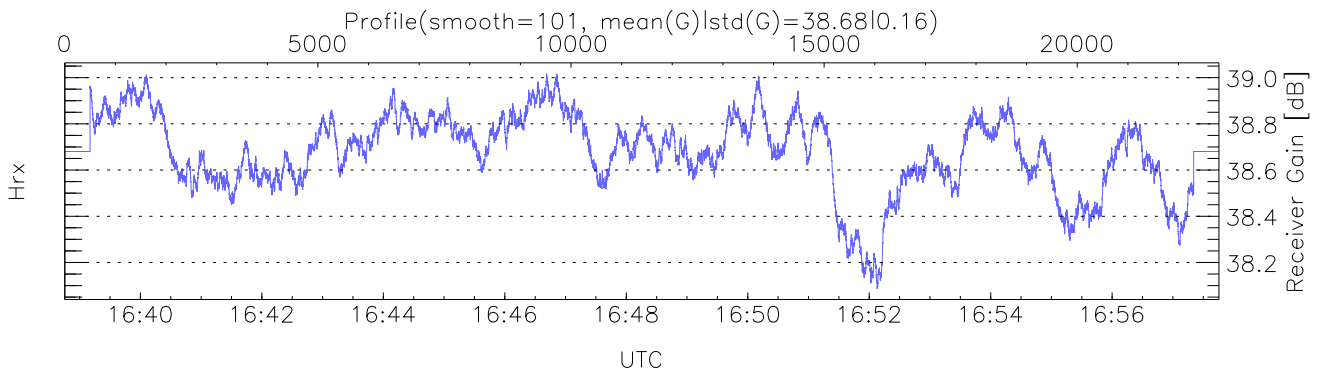
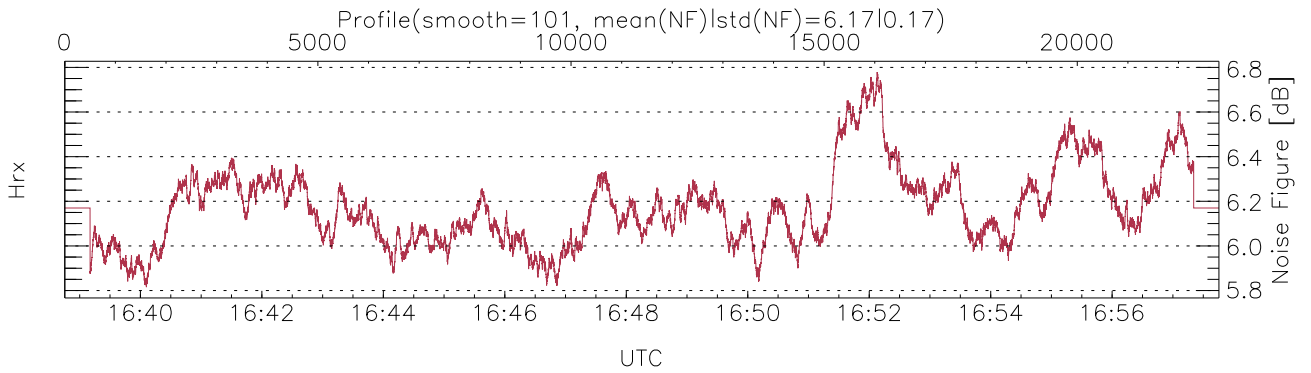
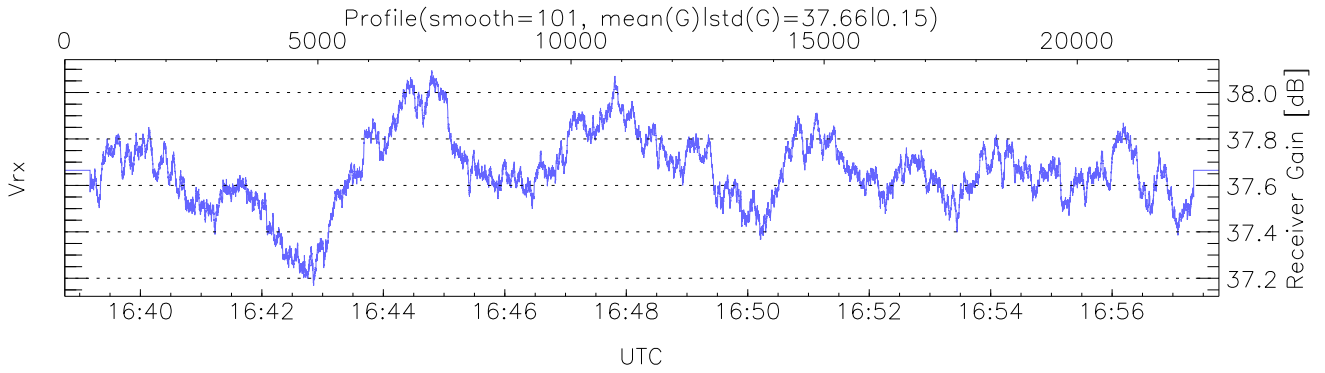
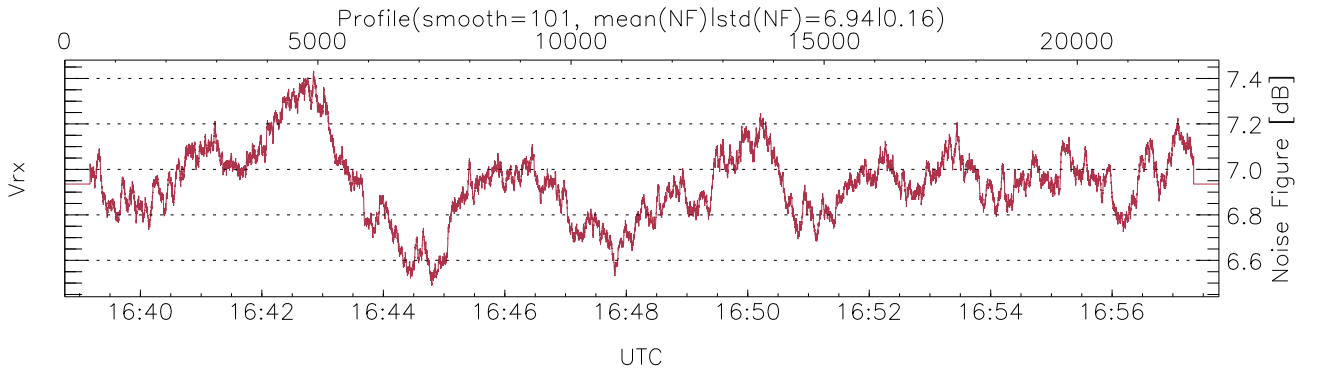
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 16:38:45-17:36:57, Dur: 3491.52s
 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): 22800/69814, 0-22799/16:38:45-16:57:46
 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



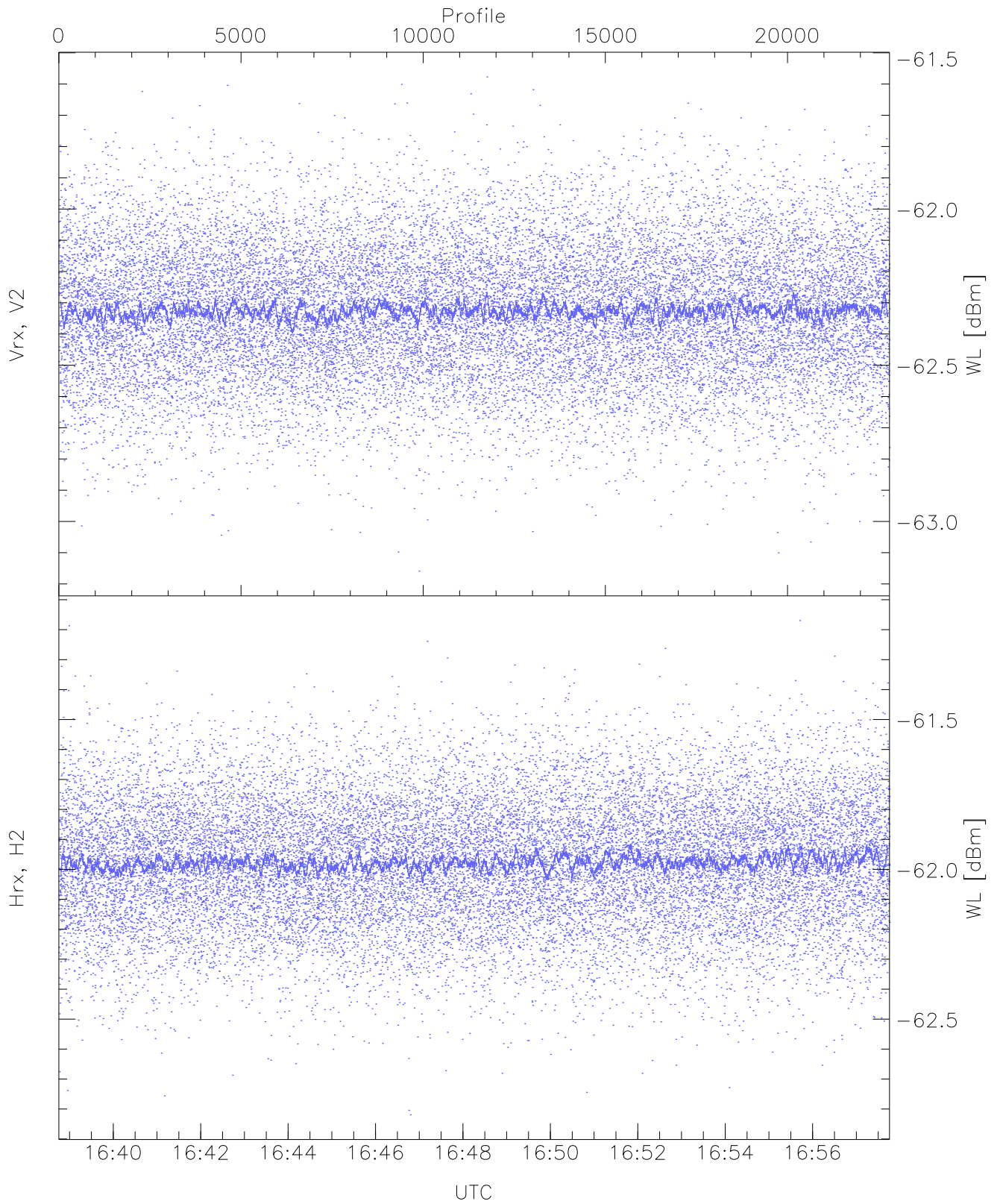
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

```
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,19,26,26,30
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,21,28,28,32
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty (11,11,16,22,16)
```



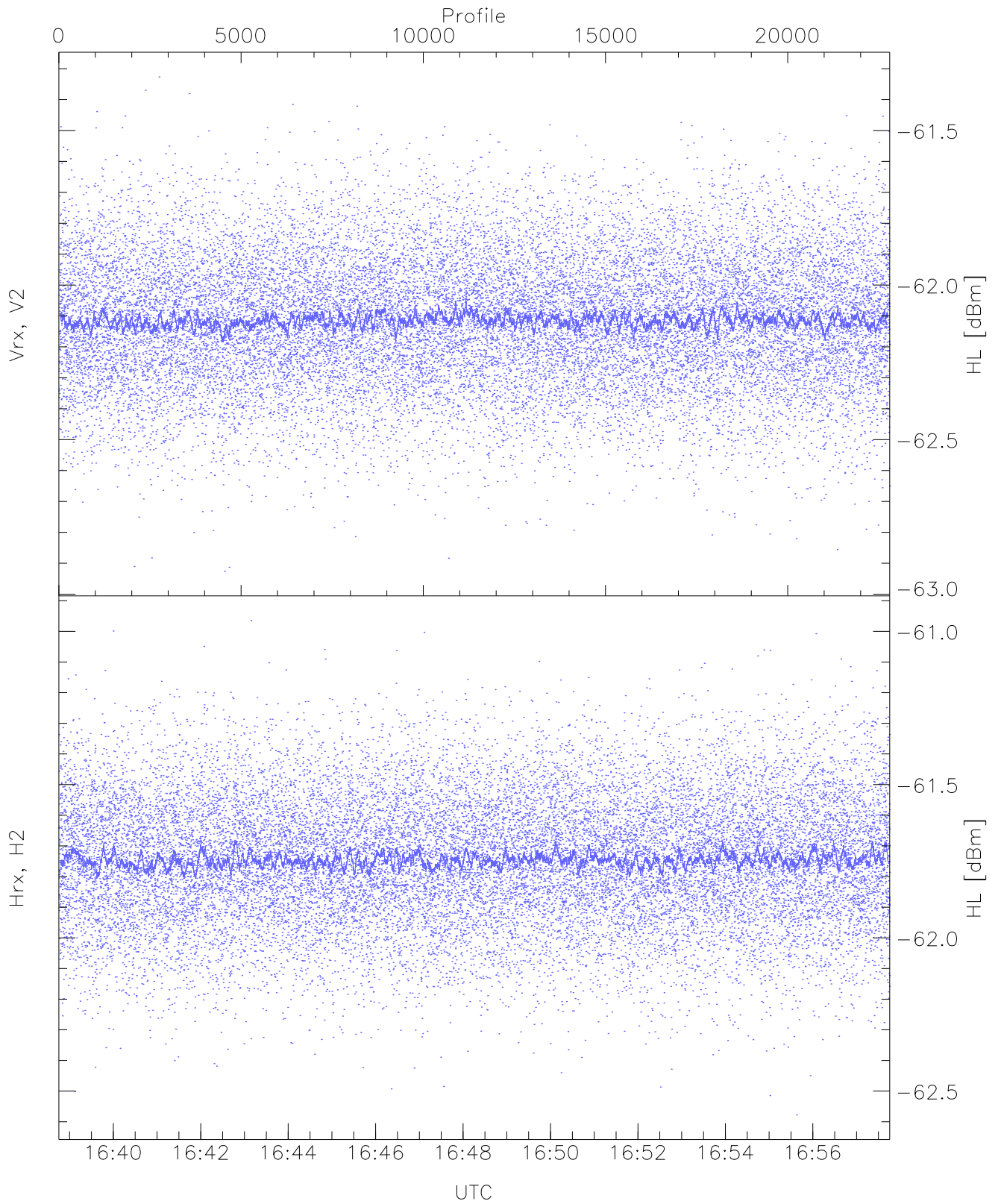
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 892 pixs, 59 gates, 891 profs, 2 prods



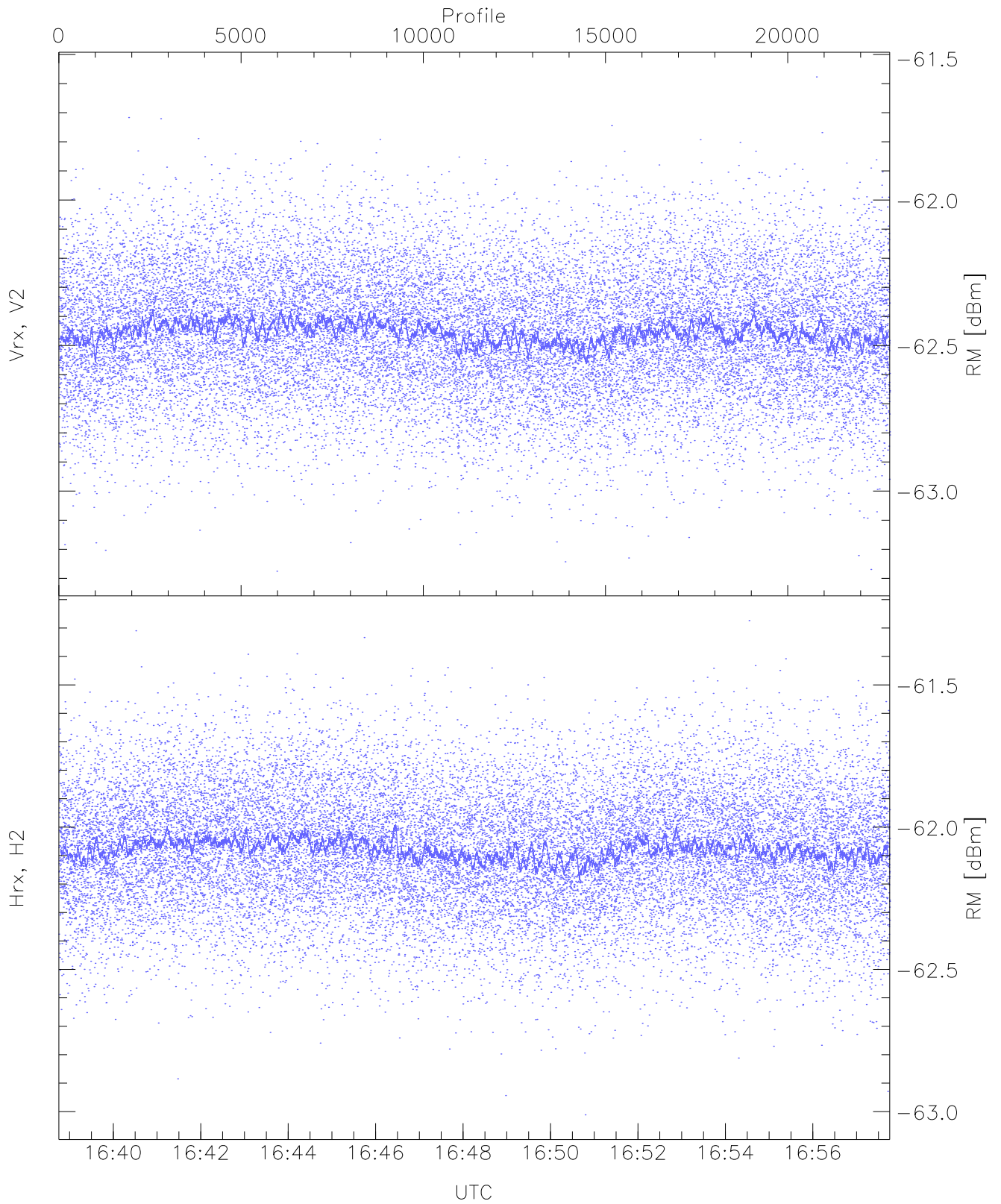
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Vrx, V2(WL [dBm])	-63.16	-61.58	-62.32	-62.33	-75.73
Hrx, H2(WL [dBm])	-62.82	-61.17	-61.97	-61.98	-75.43



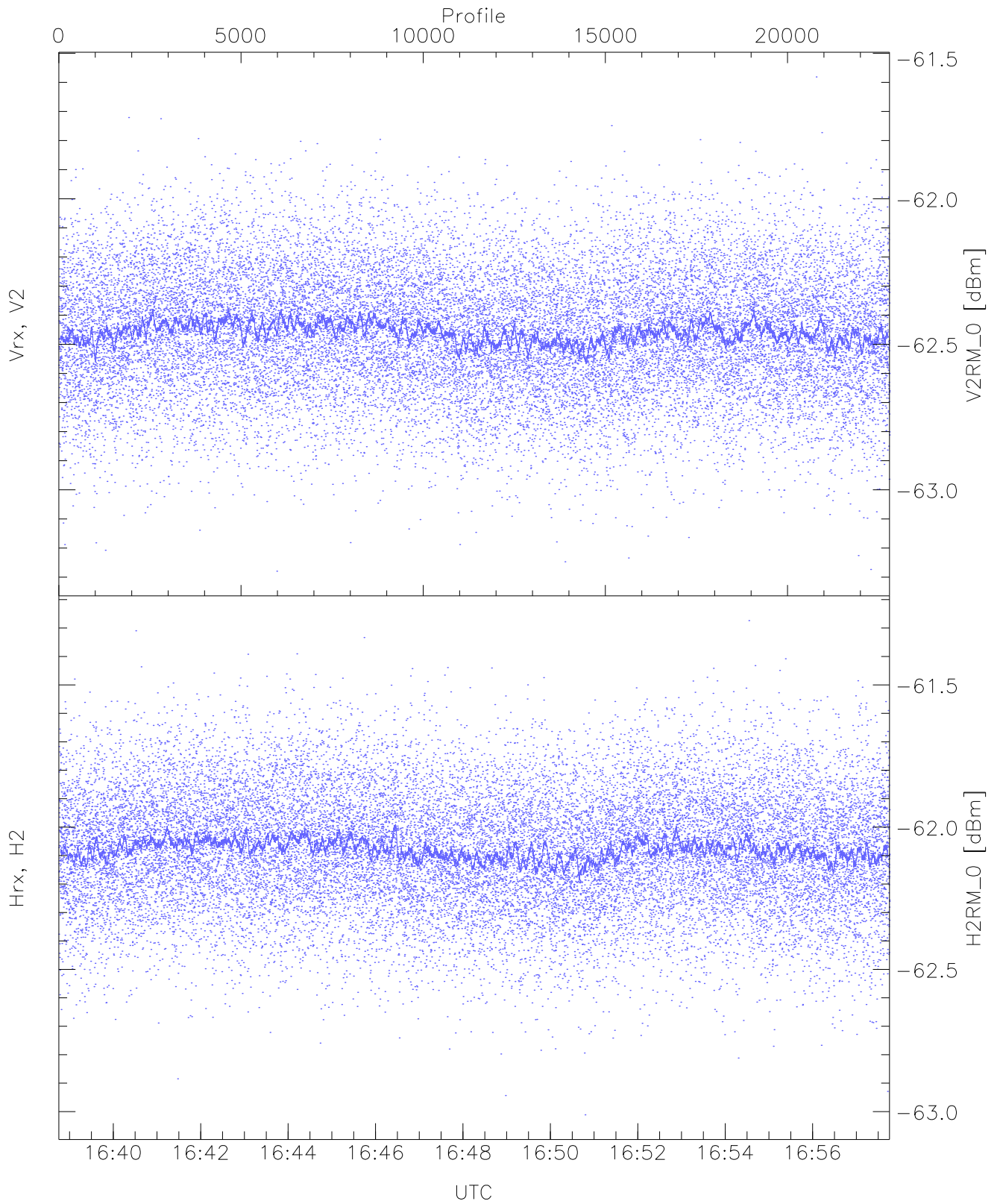
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Vrx, V2(HL [dBm])	-62.93	-61.33	-62.11	-62.12	-75.49
Hrx, H2(HL [dBm])	-62.58	-60.96	-61.74	-61.75	-75.16



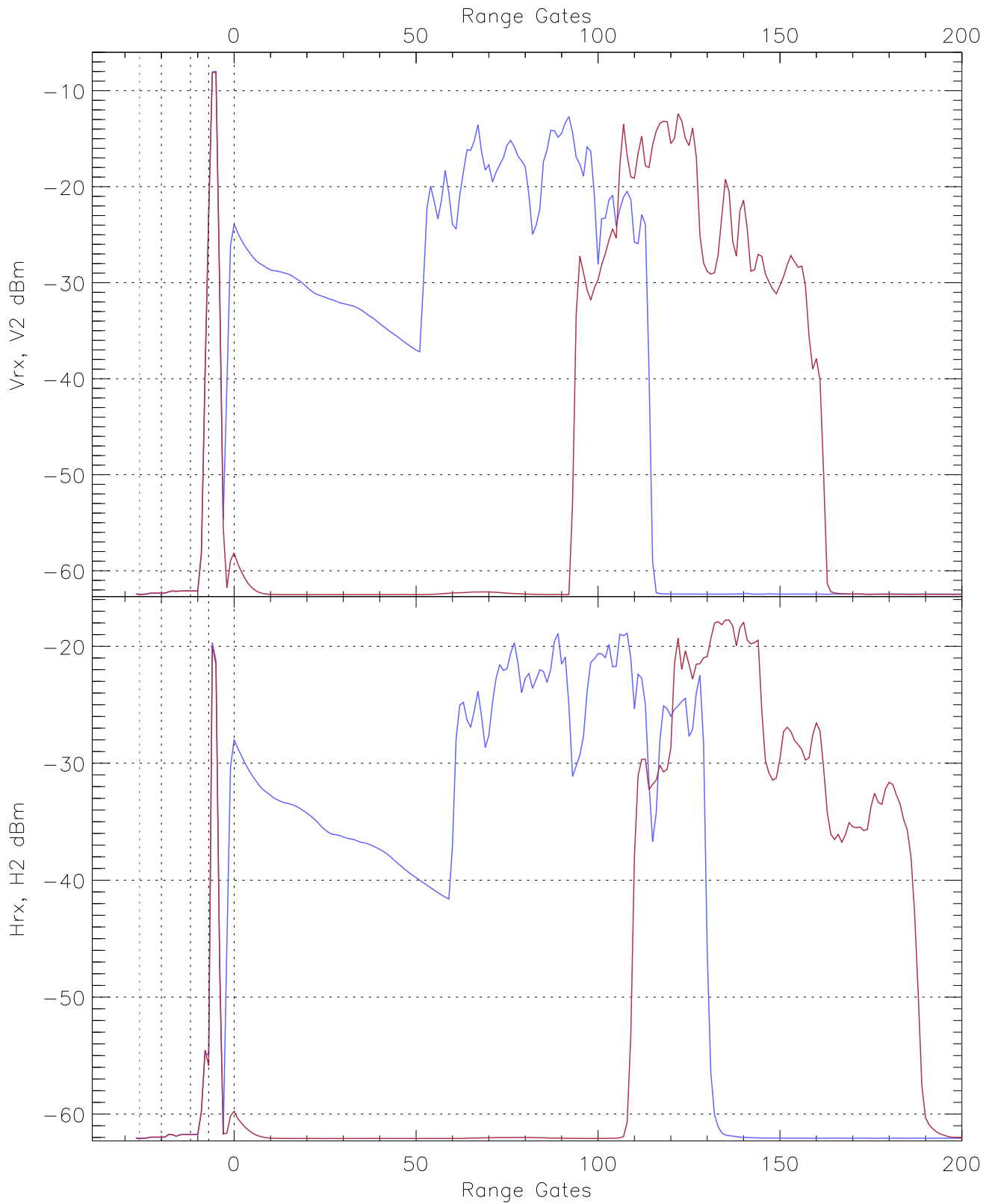
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Vrx, V2(RM [dBm])	-63.28	-61.58	-62.45	-62.45	-75.80
Hrx, H2(RM [dBm])	-63.01	-61.27	-62.08	-62.08	-75.47

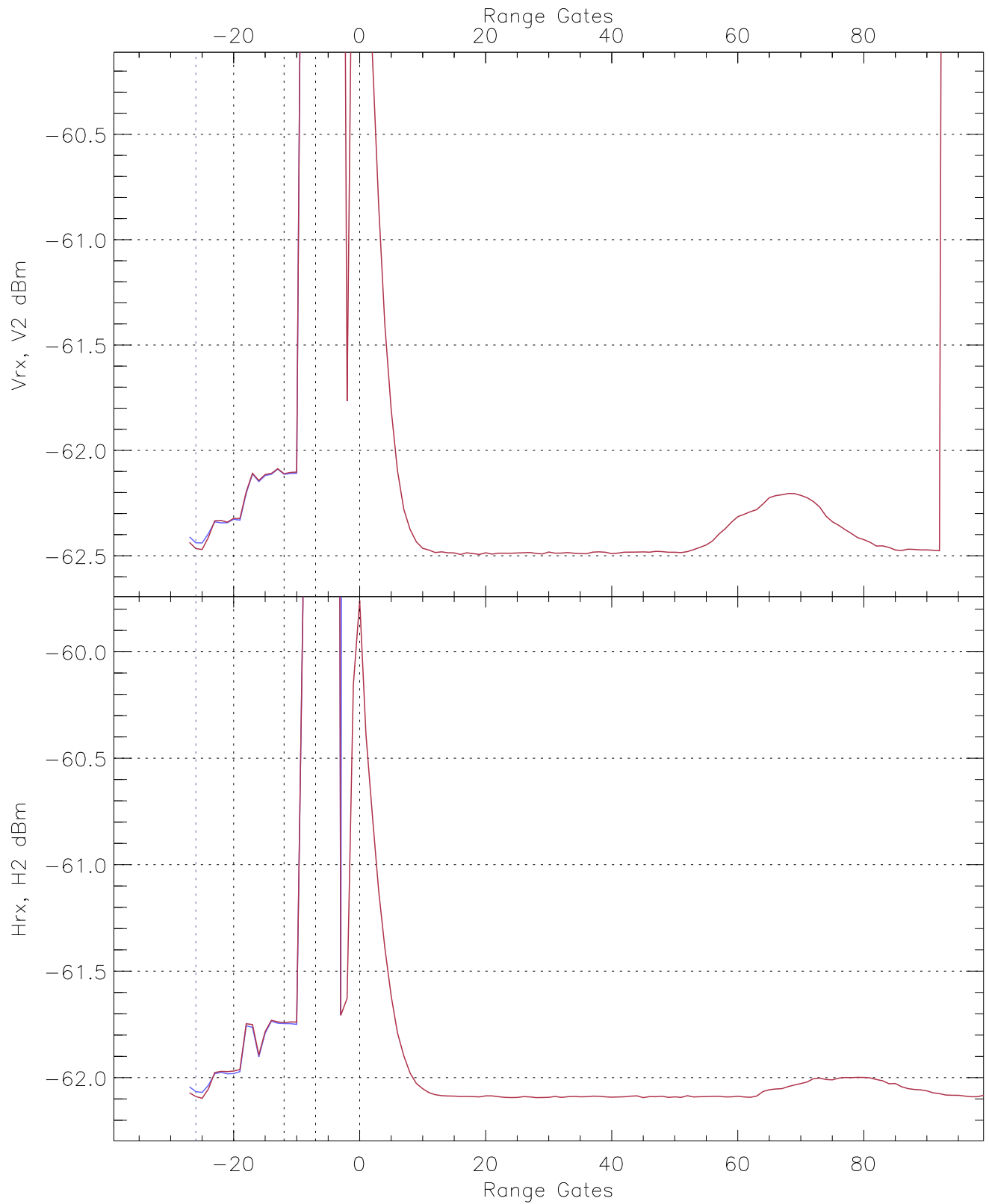


WCR2 CPP "Best" estimate Receivers Noise Power

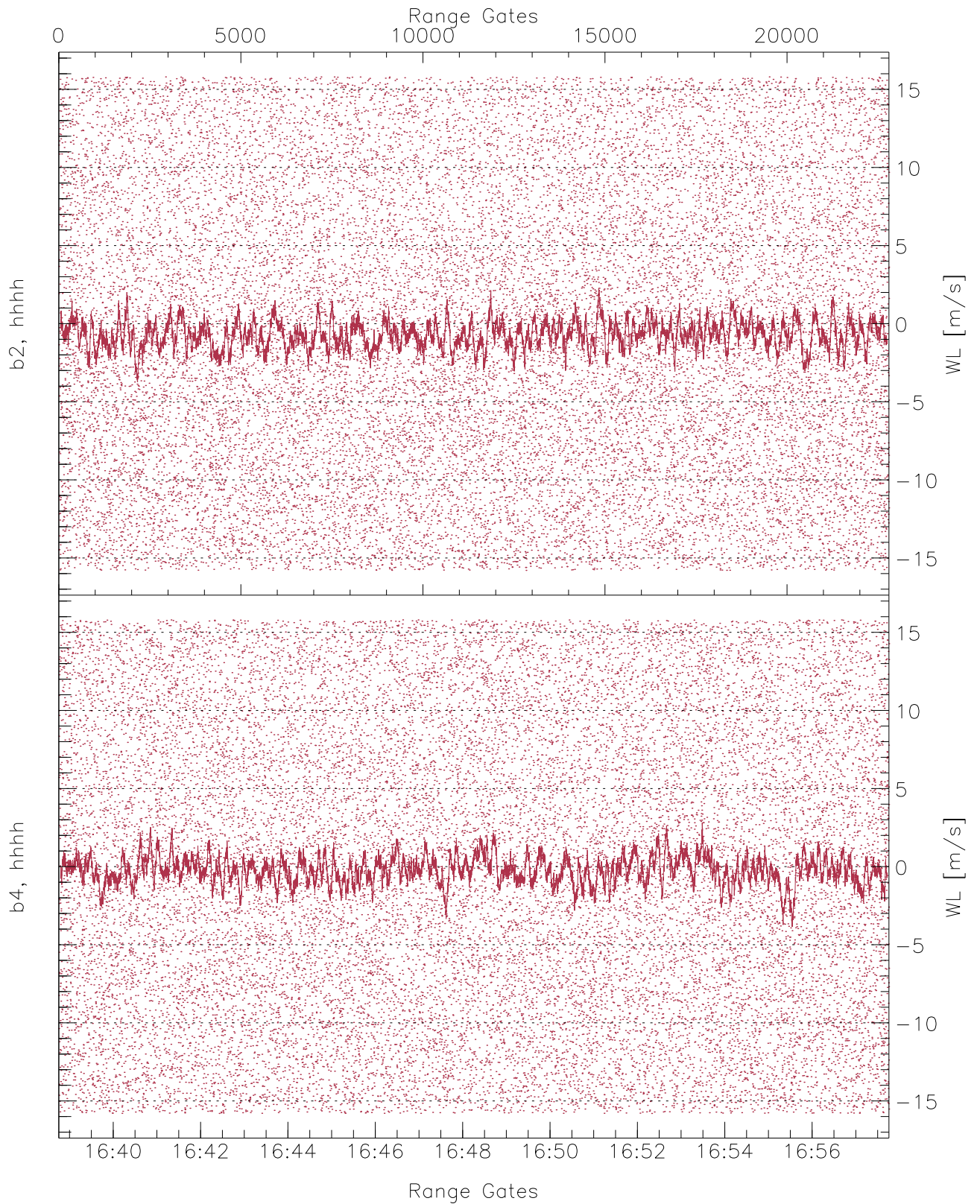
	Min	Max	Mean	Median	StDev
V2RM_0 [dBm]	-63.28	-61.58	-62.46	-62.46	-75.81
H2RM_0 [dBm]	-63.01	-61.27	-62.08	-62.08	-75.47



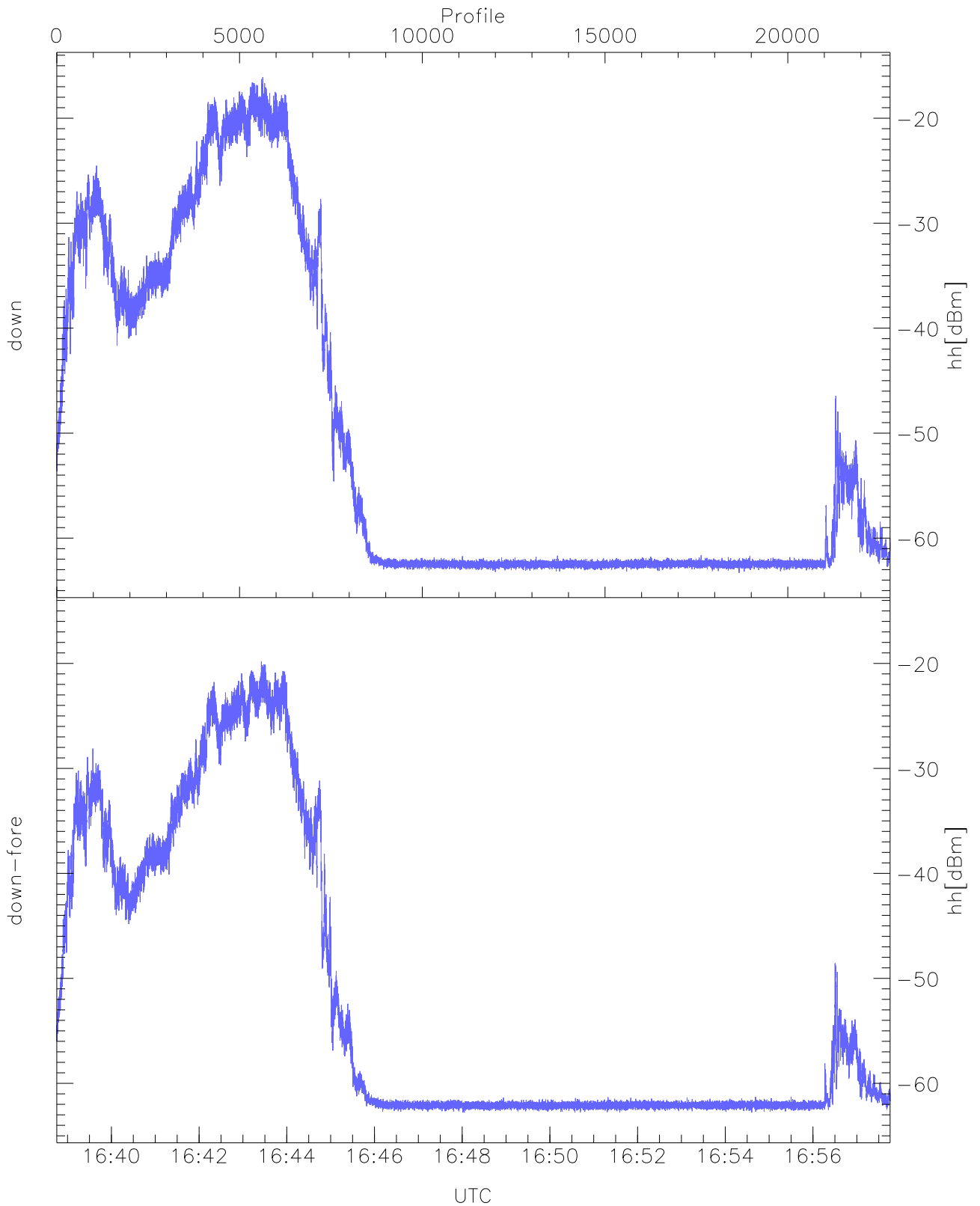
WCR2 CPP Averaged Received power for all recorded gates
blue: 163845-164815, 11401 profiles averaged
red: 164815-165746, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 163845-164815, 11401 profiles averaged
red: 164815-165746, 11400 profiles averaged

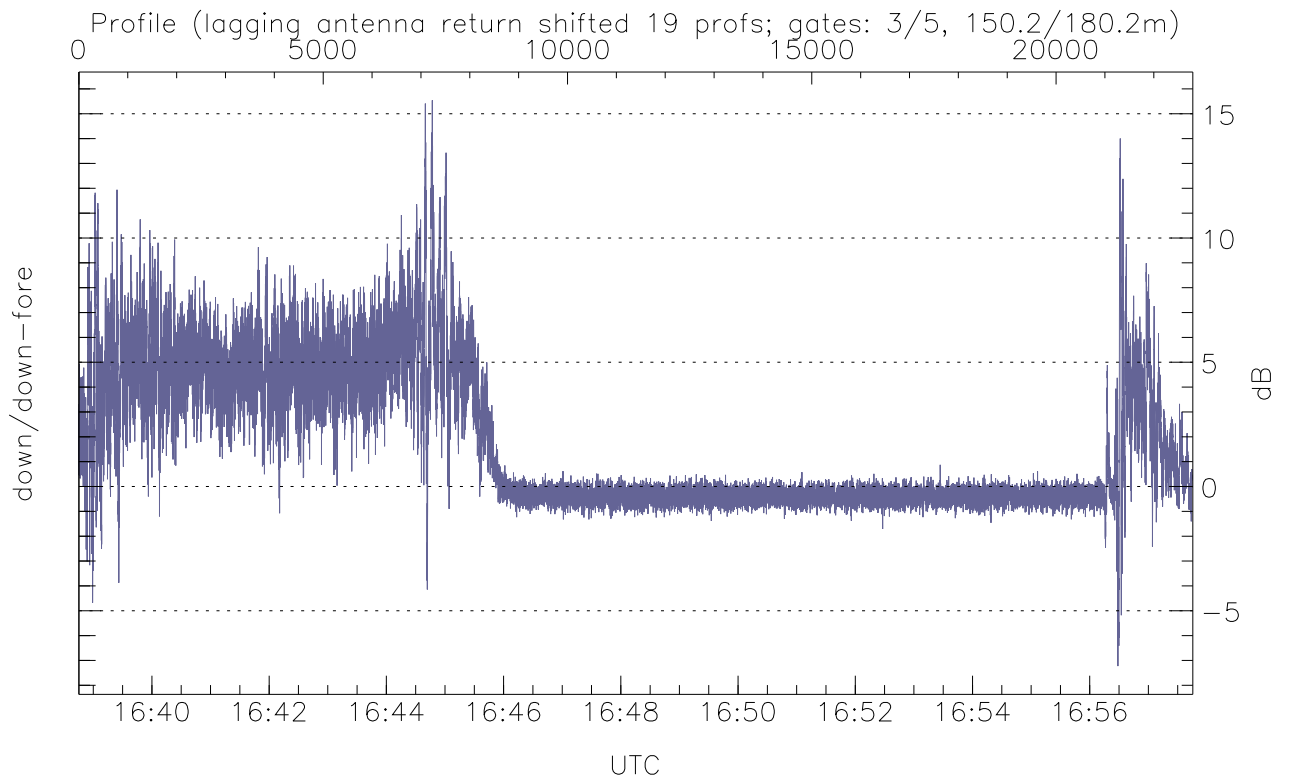


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



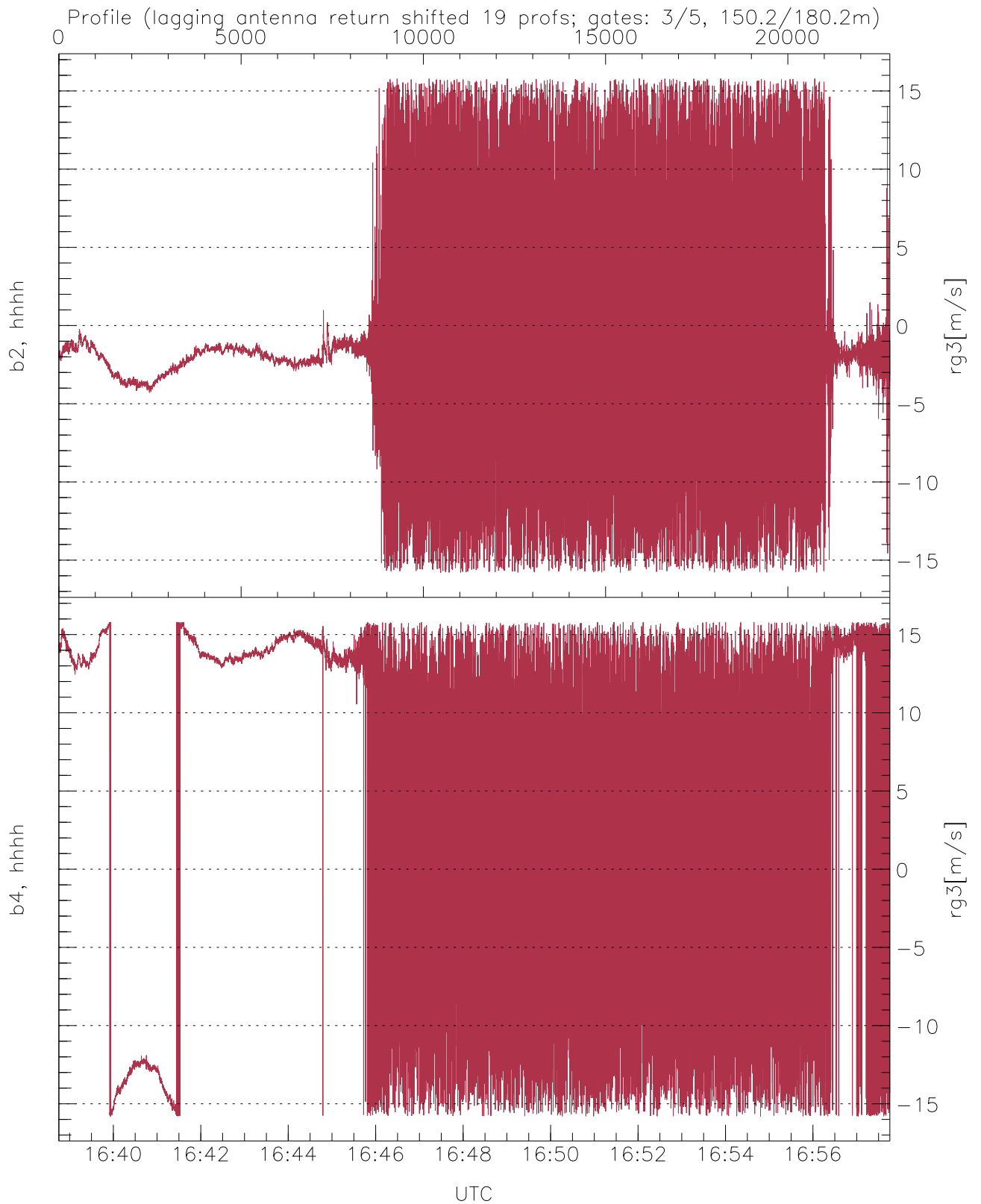
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
down(hh[dBm])	-63.31	-16.09	-29.21
down-fore(hh[dBm])	-62.78	-19.83	-33.01



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

	Min	Max	Mean
down/down-fore(dB)	-7.23	15.54	1.74



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b2, hhhh(rg3[m/s])	-15.80	15.80	-1.23	6.65
b4, hhhh(rg3[m/s])	-15.80	15.80	3.68	11.04