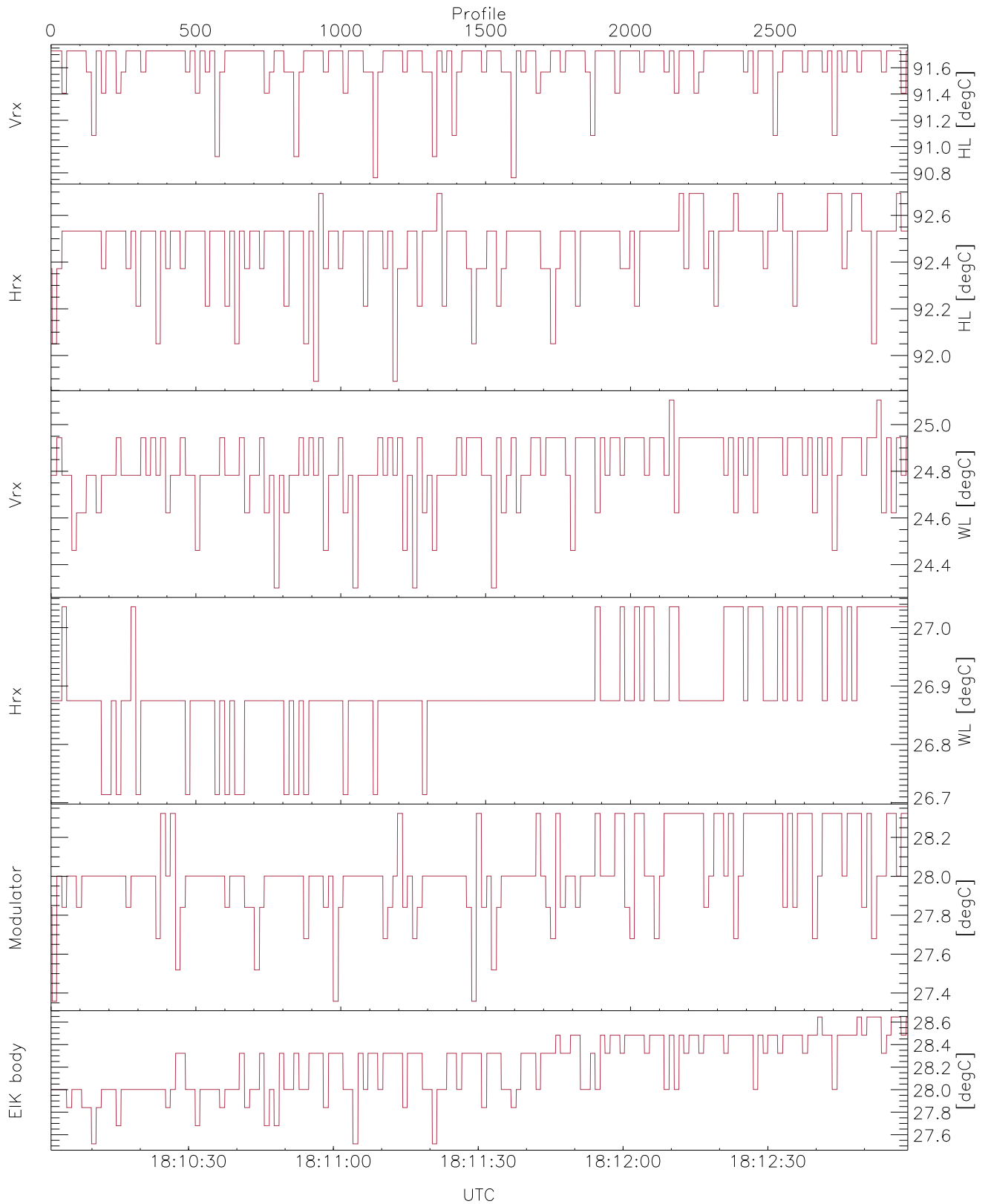




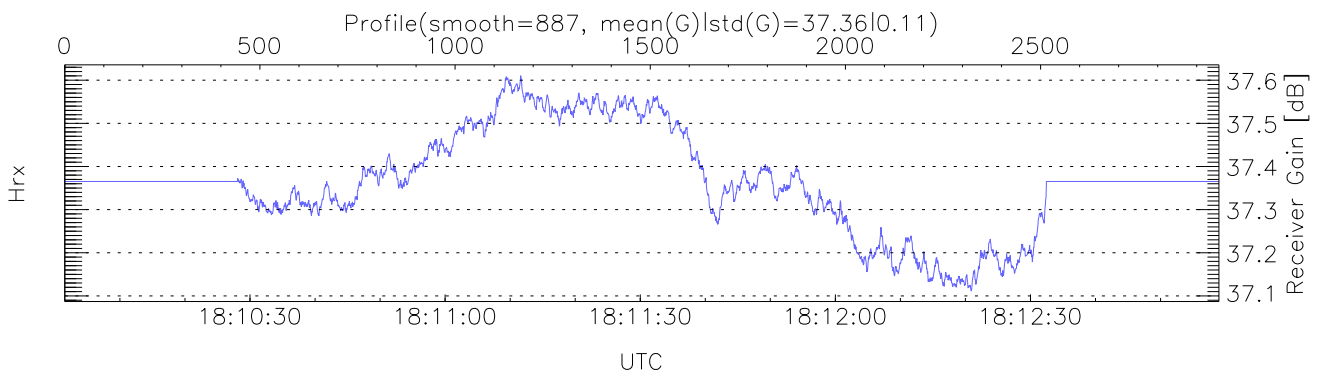
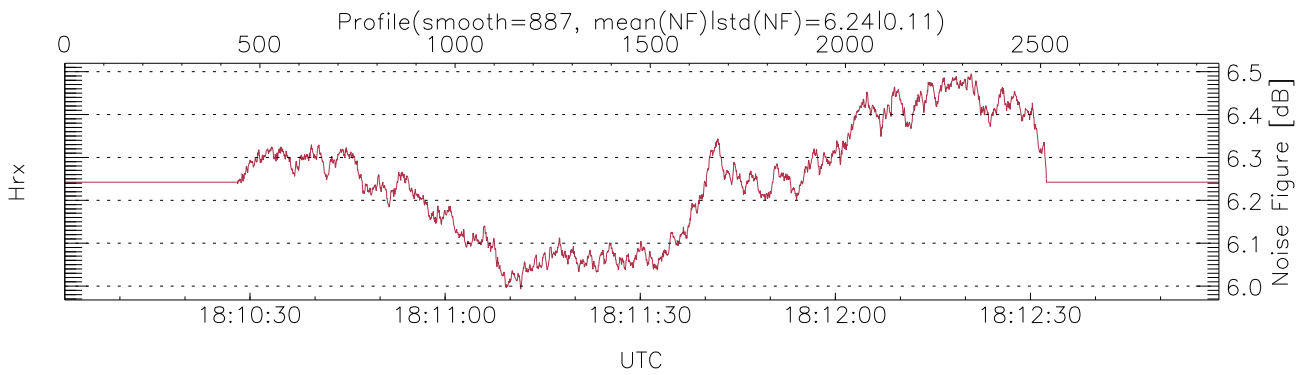
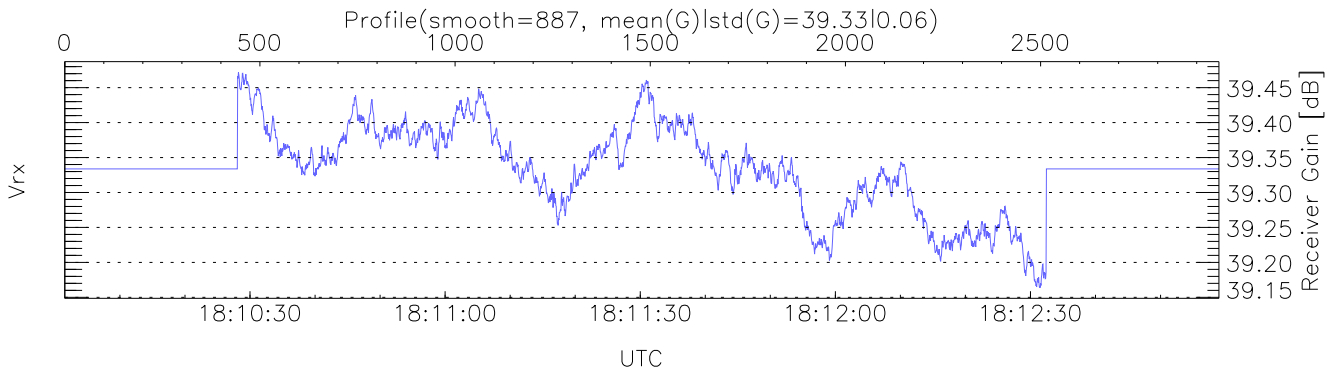
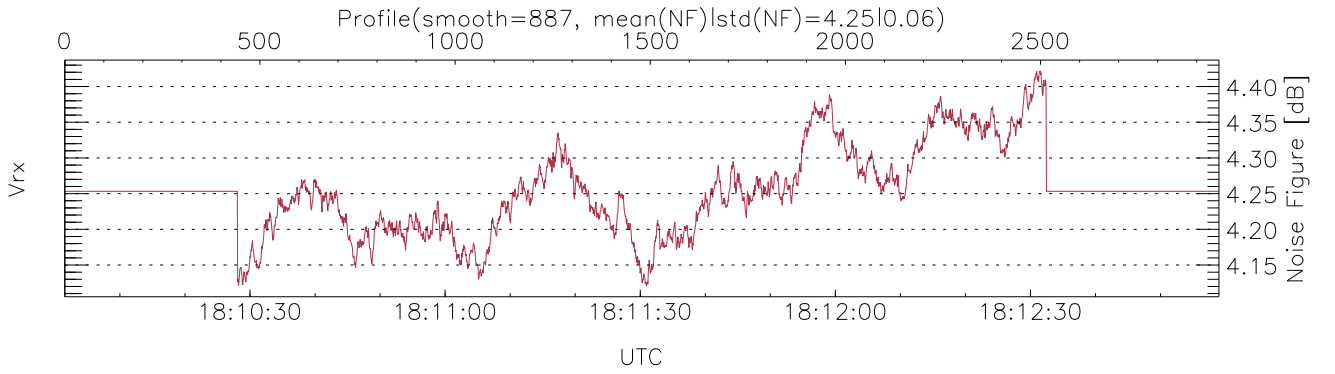
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:10:02-18:12:59, TimeCor: 0.00s, Dur: 177.46s
 TimeFlg: 1, TFPstatus constant.
 TimeInt/PPS(min,max,mn,std): 60.0,60.0,60.0,0.0 ms / 16.7,16.7,16.7
 NumRec(r/t): 2958/2958, 0-2957/18:10:02-18:12:59
 AcqTime: 60.0ms, Rate: 0.341MB/s, Averages (req.,actual): 200,200
 Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 V2 V2 H2 H2
 PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
 Range(min,max,rgs): 94, 3598, 7.5 m, Gates: 468, Aspect: 1.4
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 3



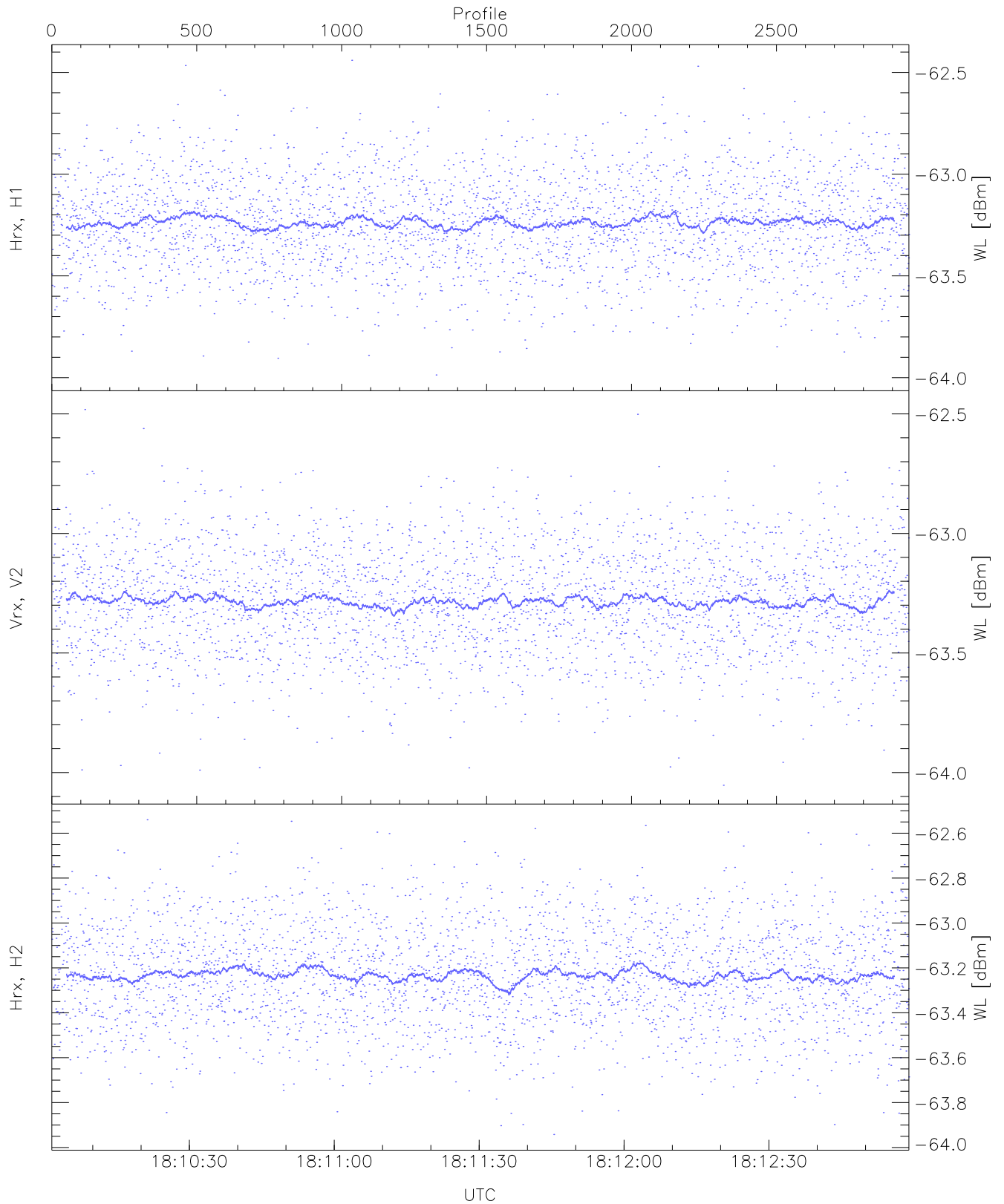
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

```
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,24,26,27,27
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,25,27,28,28
LOalarm(20,240,2817,14861 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,Fault2,DeckF,OverDuty,HVPS,Fault1 (16,16,16,16,16,16,16)
```



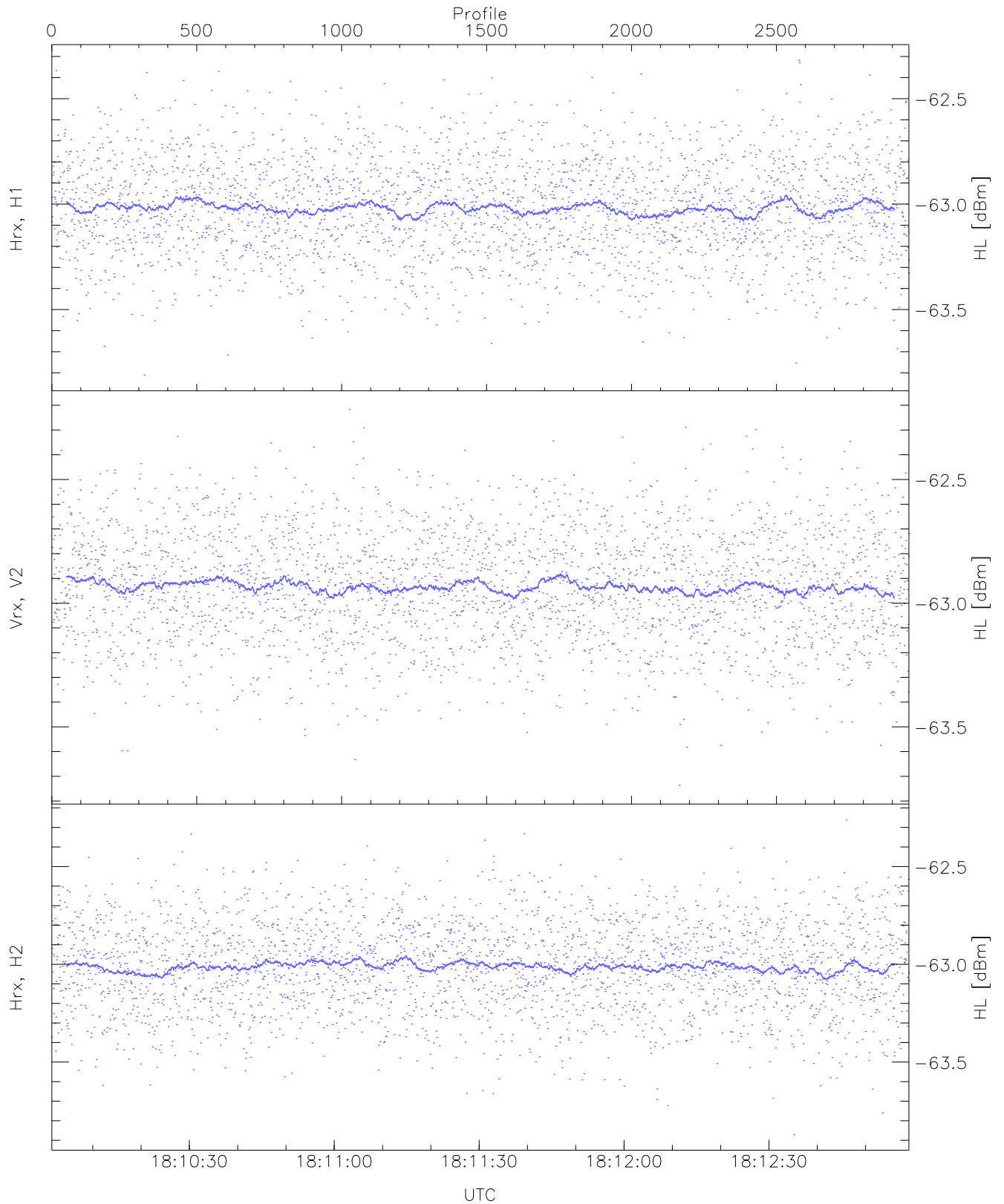
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 52 pixs, 9 gates, 35 profs, 1 prod(s)



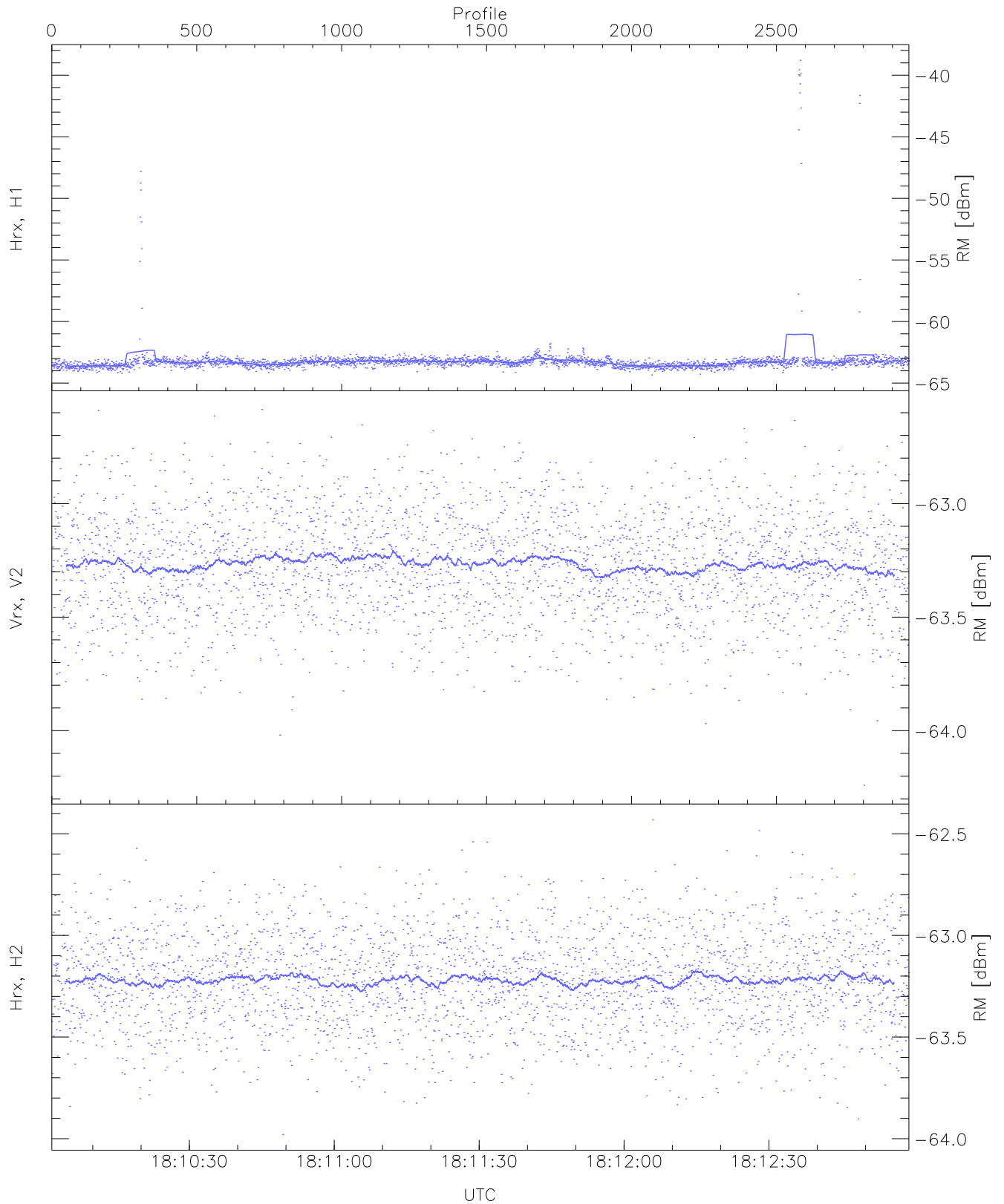
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.99	-62.44	-63.23	-63.24	-76.22
Vrx, V2 (WL [dBm])	-64.05	-62.48	-63.28	-63.28	-76.43
Hrx, H2 (WL [dBm])	-63.94	-62.54	-63.23	-63.24	-76.31



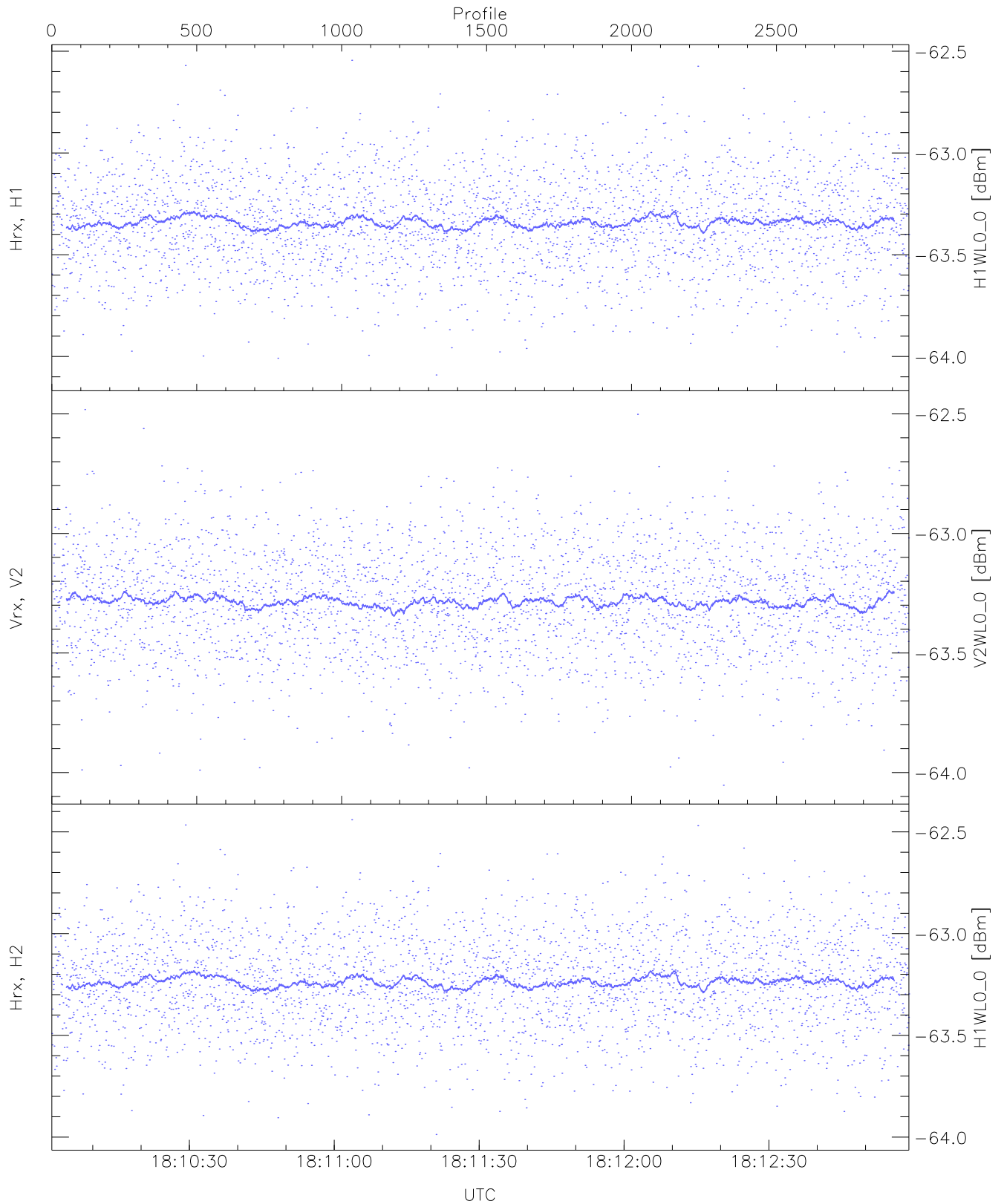
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.81	-62.32	-63.02	-63.02	-75.94
Vrx, V2 (HL [dBm])	-63.74	-62.22	-62.93	-62.93	-75.95
Hrx, H2 (HL [dBm])	-63.87	-62.26	-63.01	-63.01	-76.01



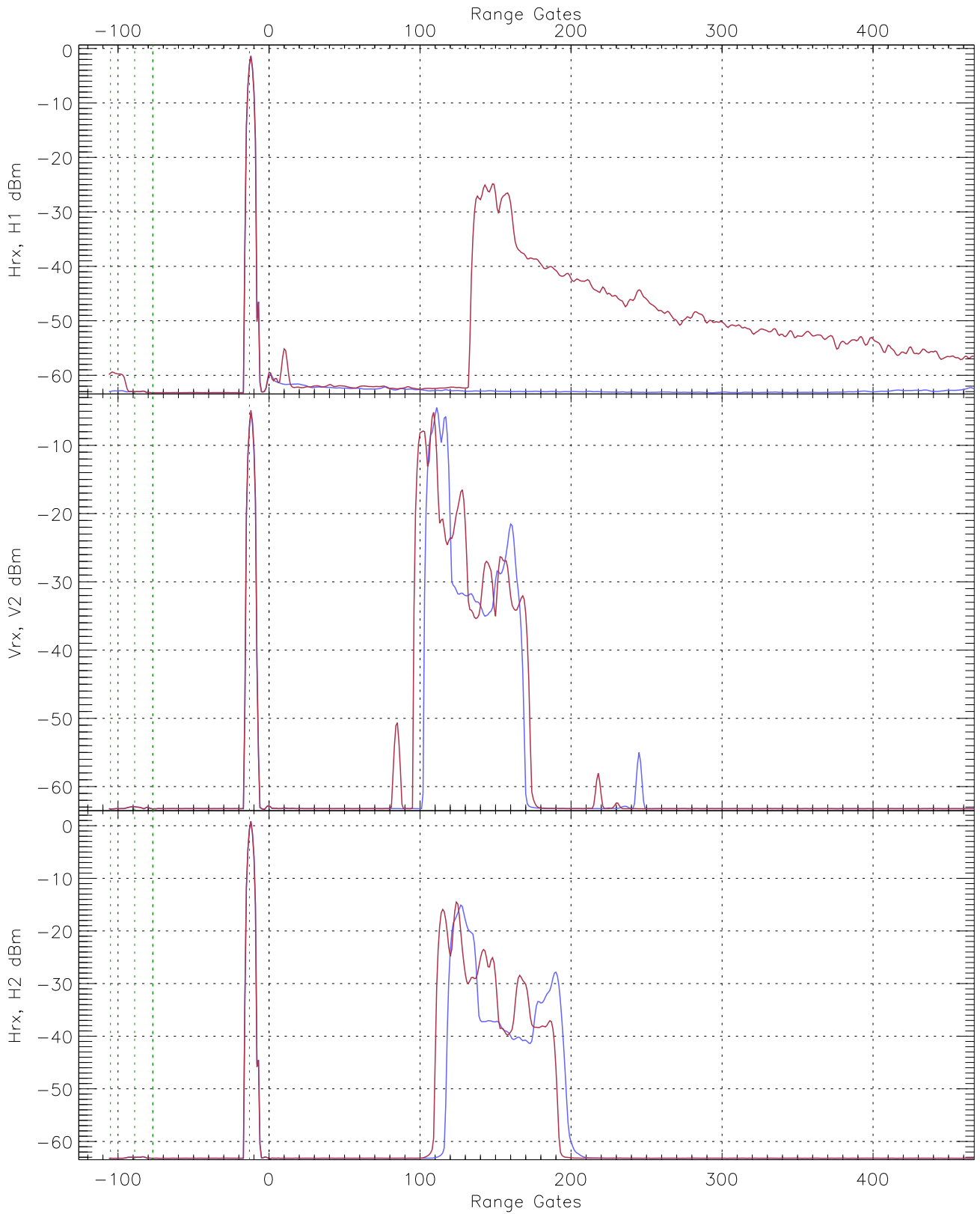
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.34	-38.79	-60.96	-63.34	-52.72
Vrx, V2 (RM [dBm])	-64.24	-62.59	-63.26	-63.27	-76.22
Hrx, H2 (RM [dBm])	-63.98	-62.43	-63.22	-63.22	-76.18

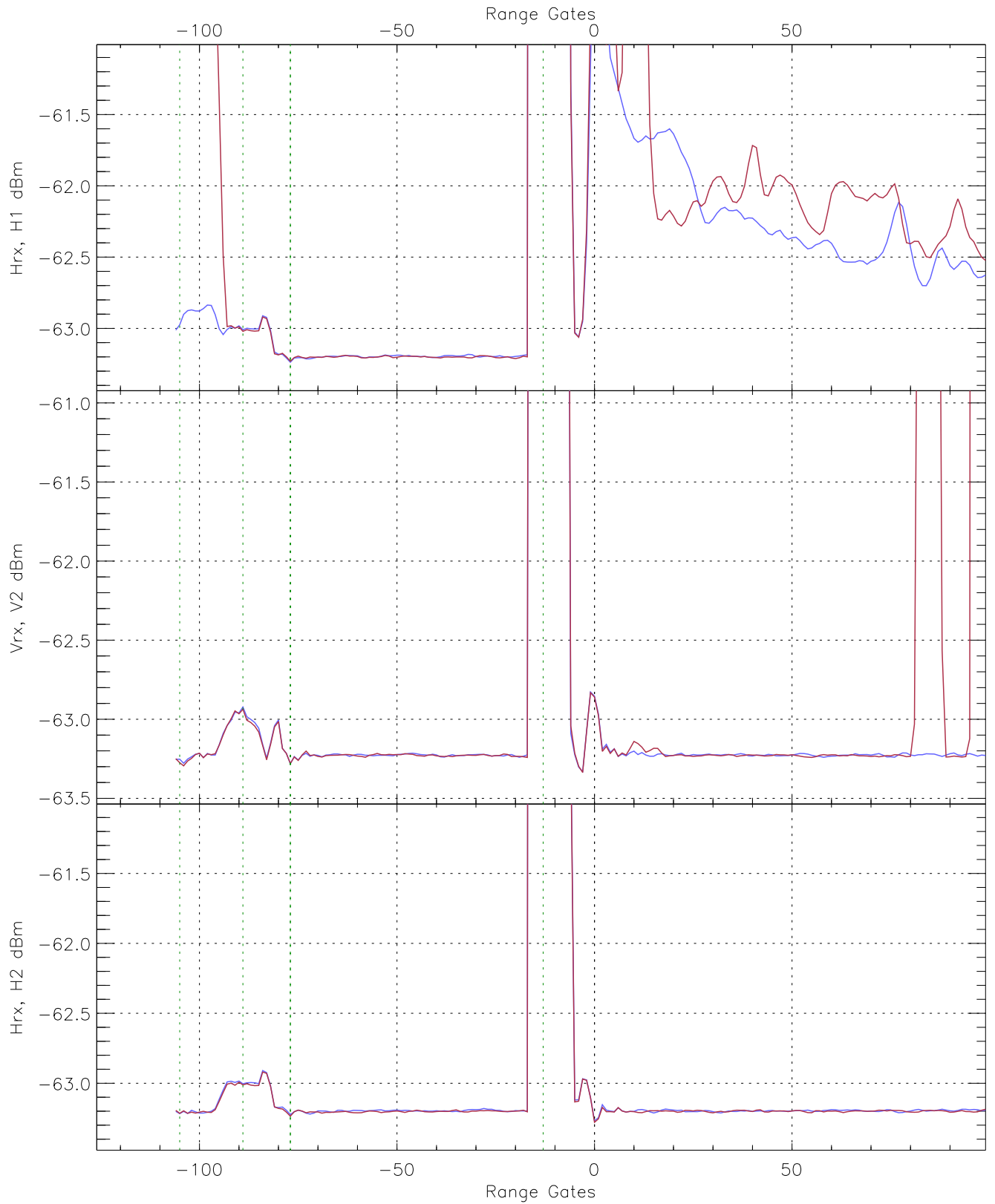


WCR3 CPP "Best" estimate Receivers Noise Power

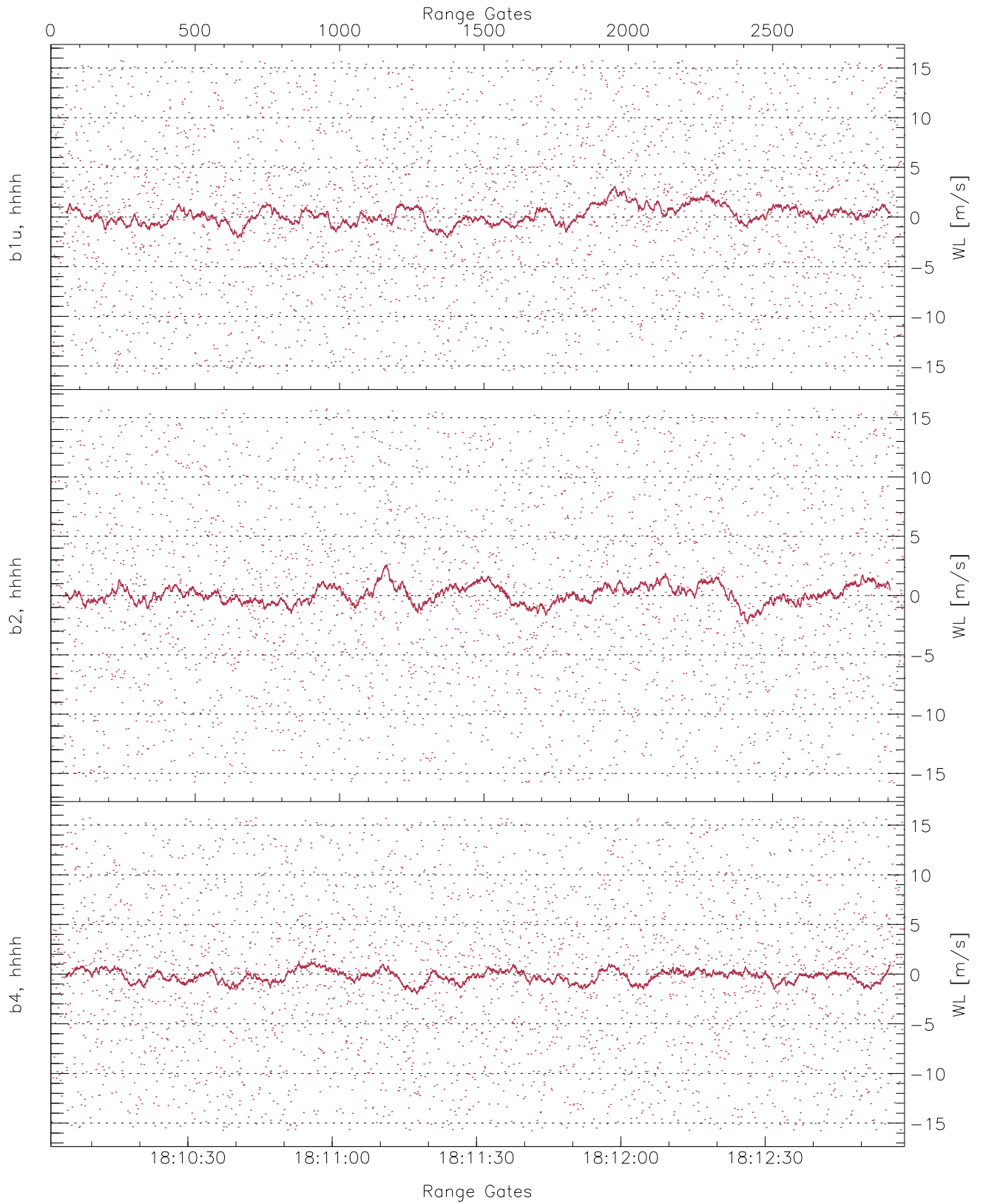
	Min	Max	Mean	Median	StDev
H1WLO_0 [dBm]	-64.09	-62.54	-63.34	-63.34	-76.32
V2WLO_0 [dBm]	-64.05	-62.48	-63.28	-63.28	-76.43
H1WLO_0 [dBm]	-63.99	-62.44	-63.23	-63.24	-76.22



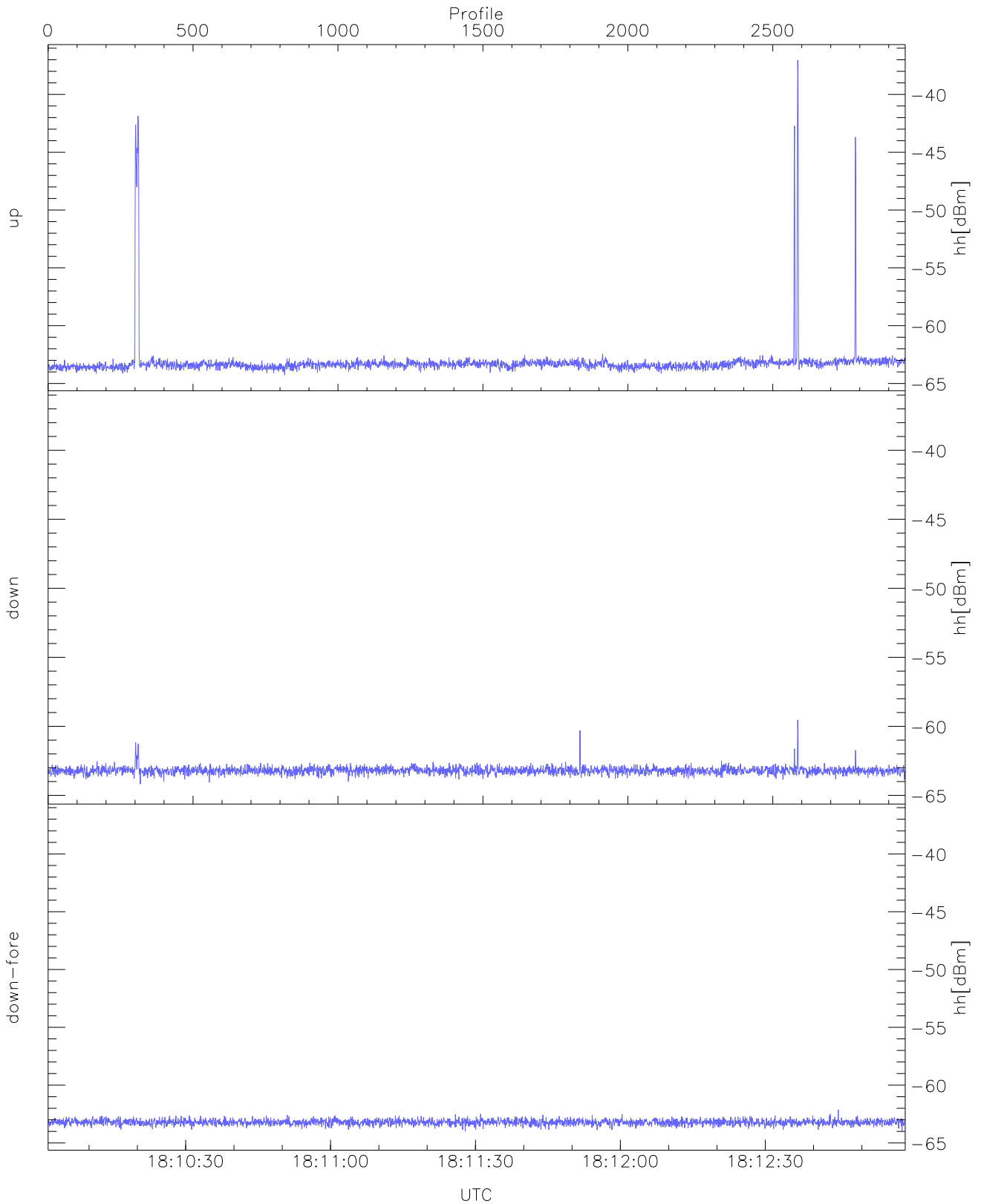
WCR3 CPP Averaged Received power for all recorded gates
blue: 181002-181130, 1480 profiles averaged
red: 181130-181259, 1479 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 181002-181130, 1480 profiles averaged
red: 181130-181259, 1479 profiles averaged

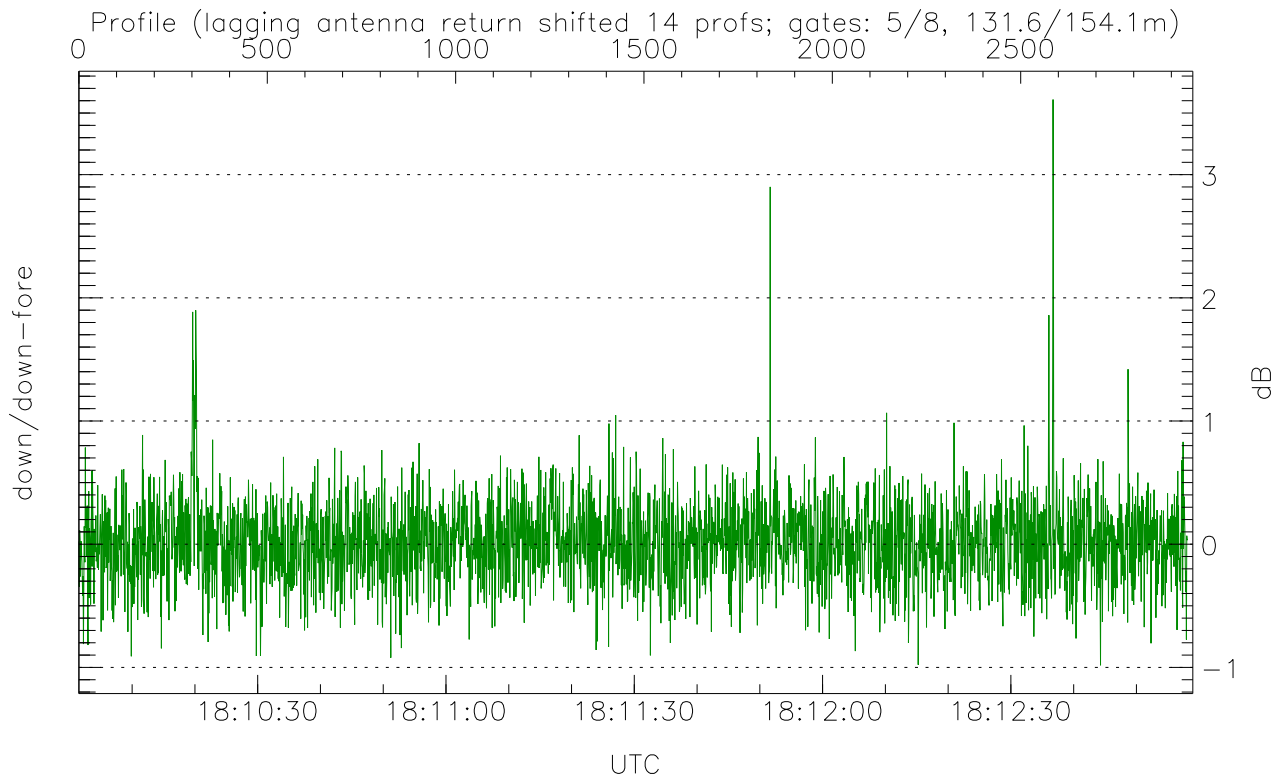
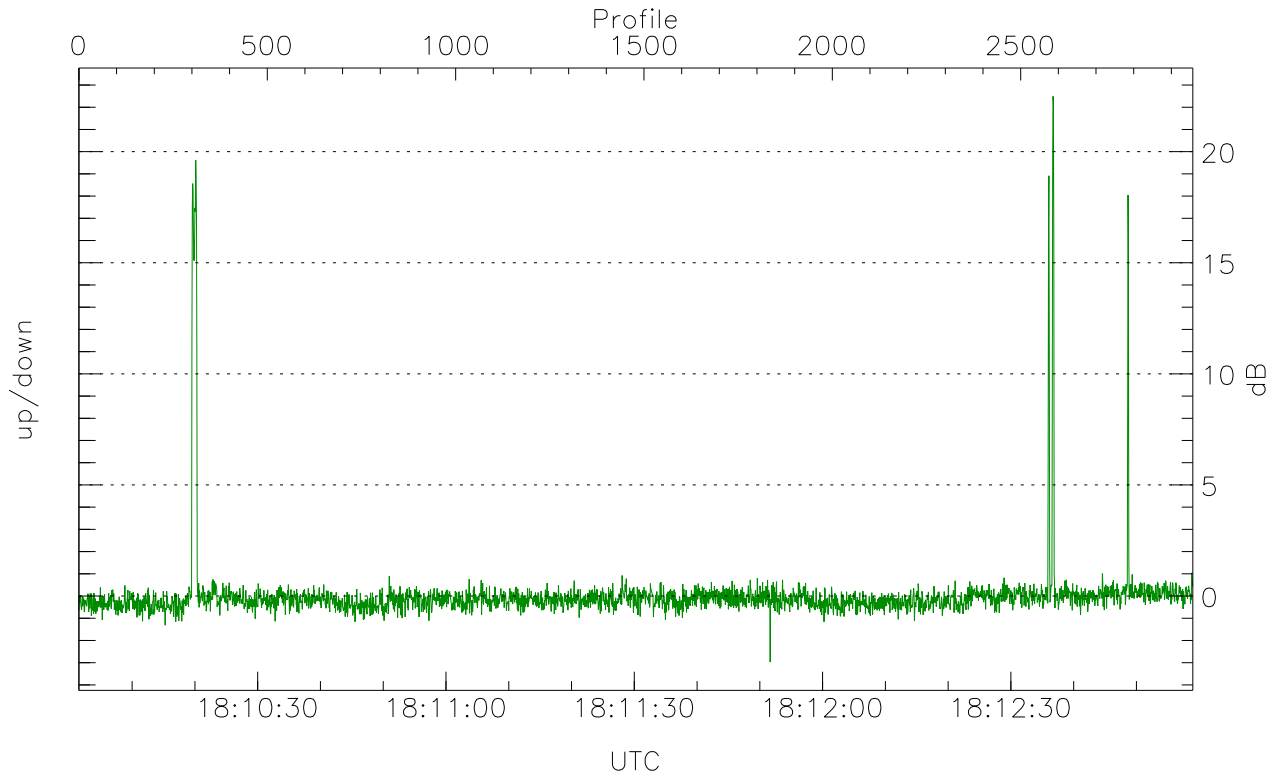


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



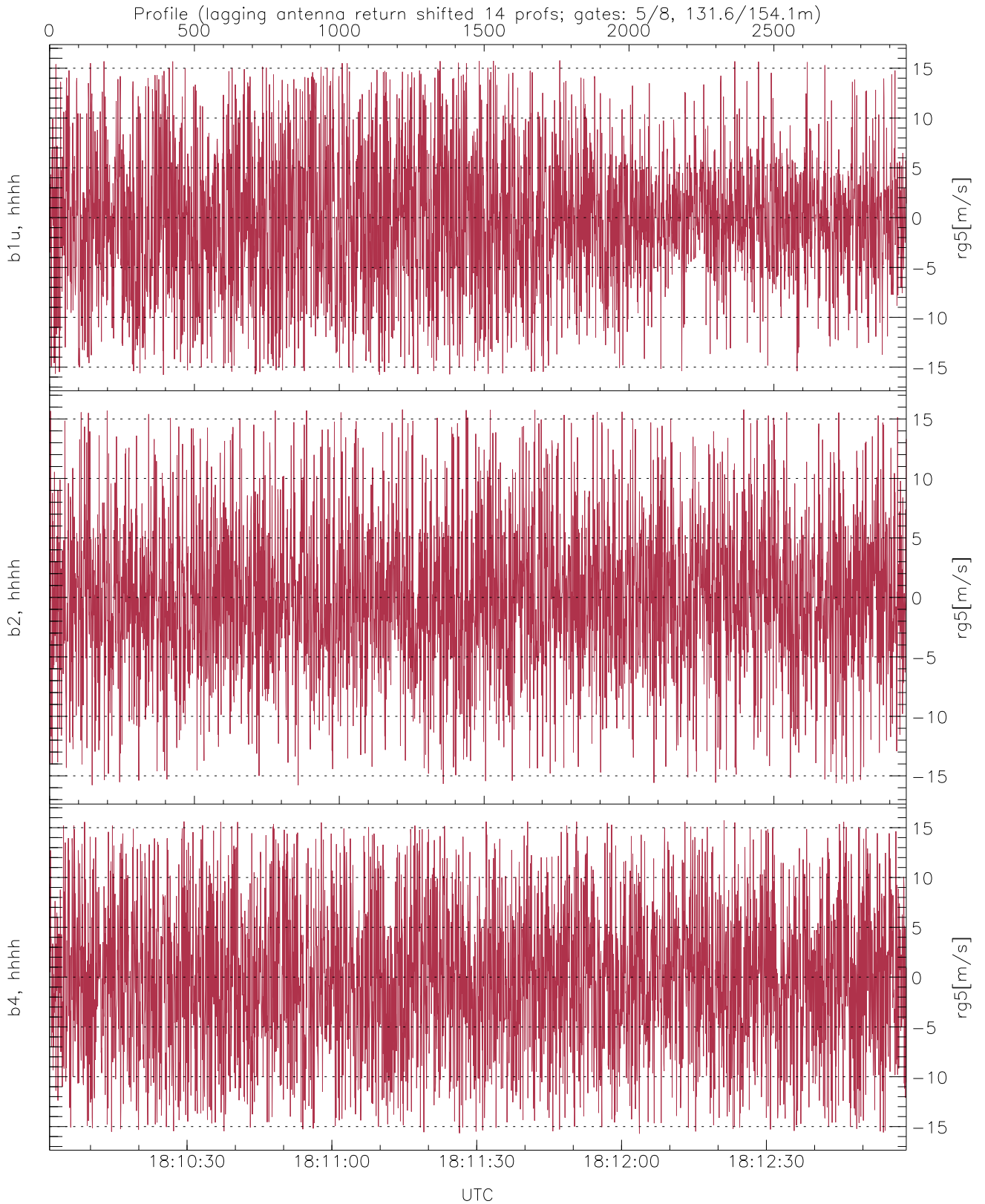
WCR3 CPP Received Power Products for Range gate 5 (131.6 m)

	Min	Max	Mean
up(hh[dBm])	-64.27	-37.05	-60.90
down(hh[dBm])	-64.18	-59.54	-63.19
down-fore(hh[dBm])	-63.97	-62.12	-63.20



WCR3 Beam pairs Received Power Ratio(s); RangeGate: 5 (131 m)

	Min	Max	Mean
up/down (dB)	-2.97	22.49	-0.01
down/down-fore (dB)	-0.98	3.61	0.02



WCR3 CPP Doppler Velocity Products at 131.6 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.78	-0.23	7.00
b2, hhhh(rg5[m/s])	-15.78	15.79	-0.04	6.47
b4, hhhh(rg5[m/s])	-15.71	15.74	-0.32	7.51