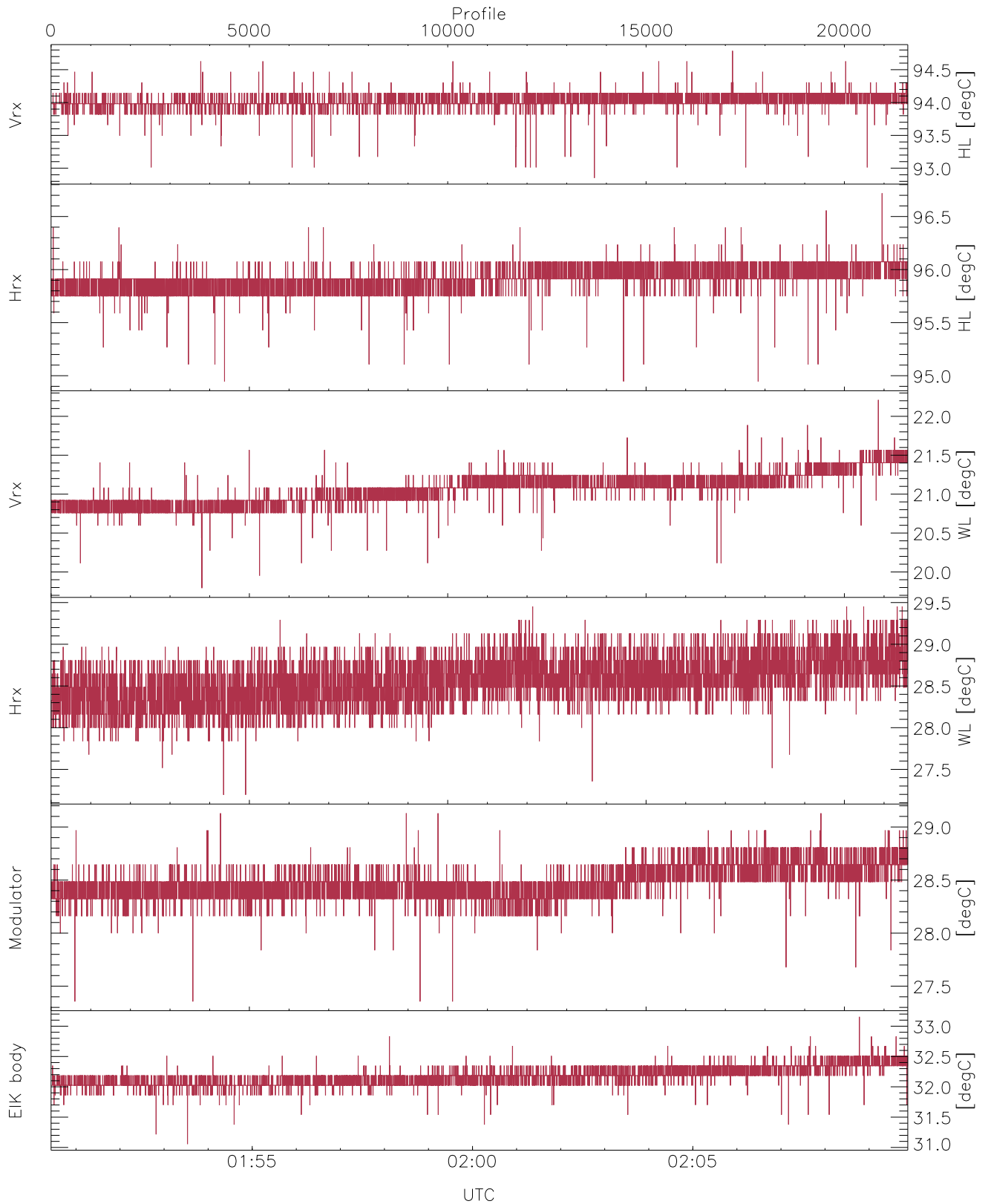


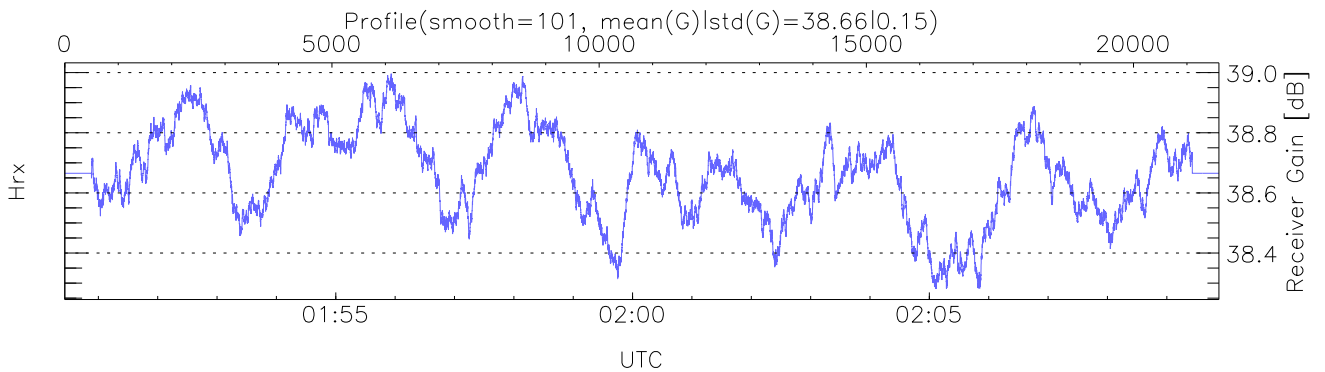
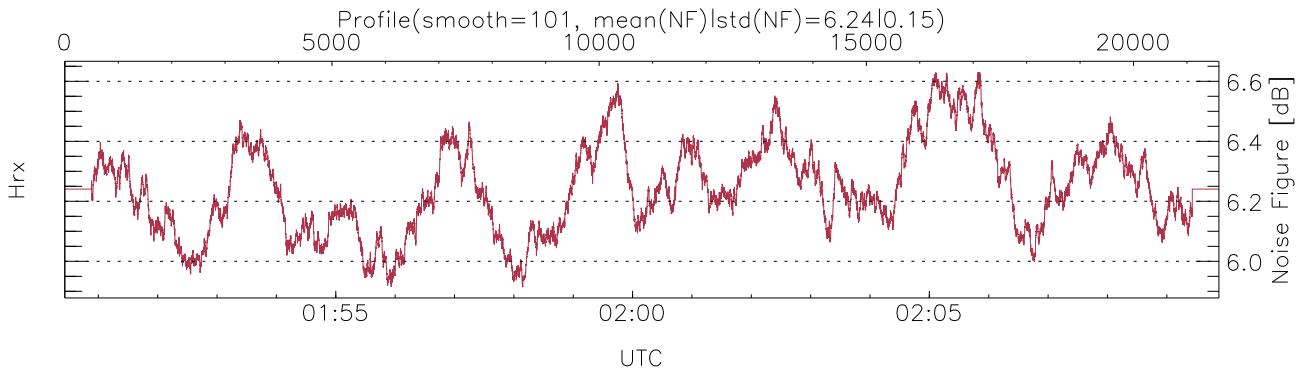
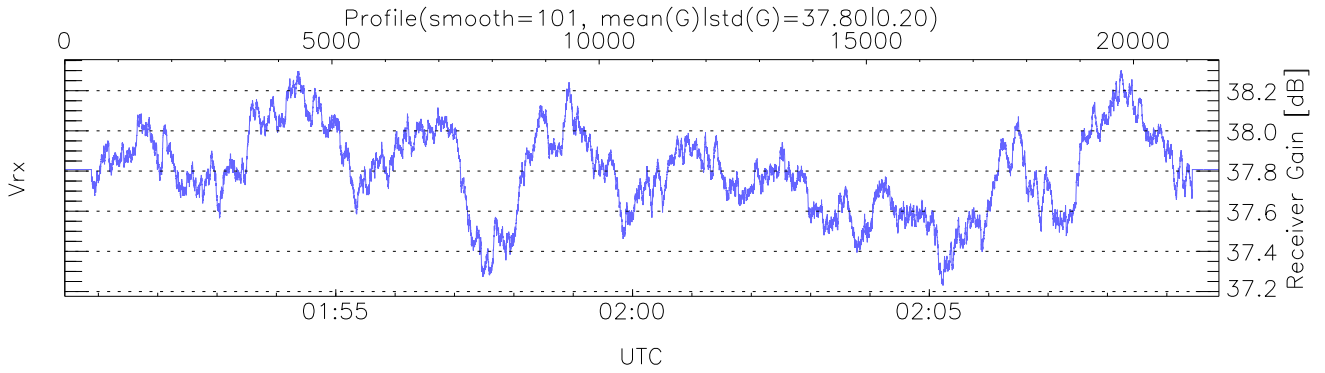
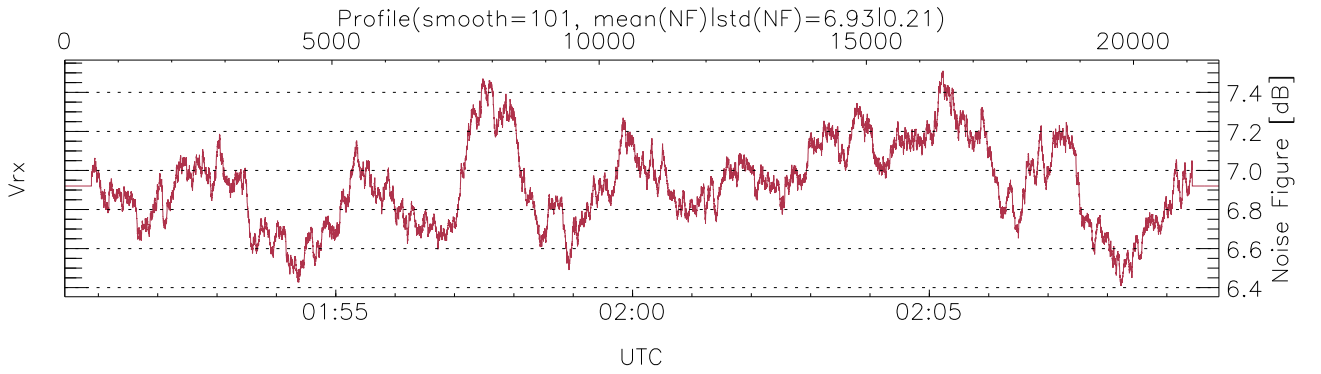
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 01:50:26-02:31:04, Dur: 2437.74s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 19,19,19
 NumRec(r/t): 21600/45133, 0-21599/01:50:26-02:09:53
 AcqTime: 54.0ms, Rate: 287KB/s, Averages: 180
 Pulse: 250ns, IFF: 4.0MHz, 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): 105,6037,15.0 m, Gates: 396, Aspect: 3.1
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



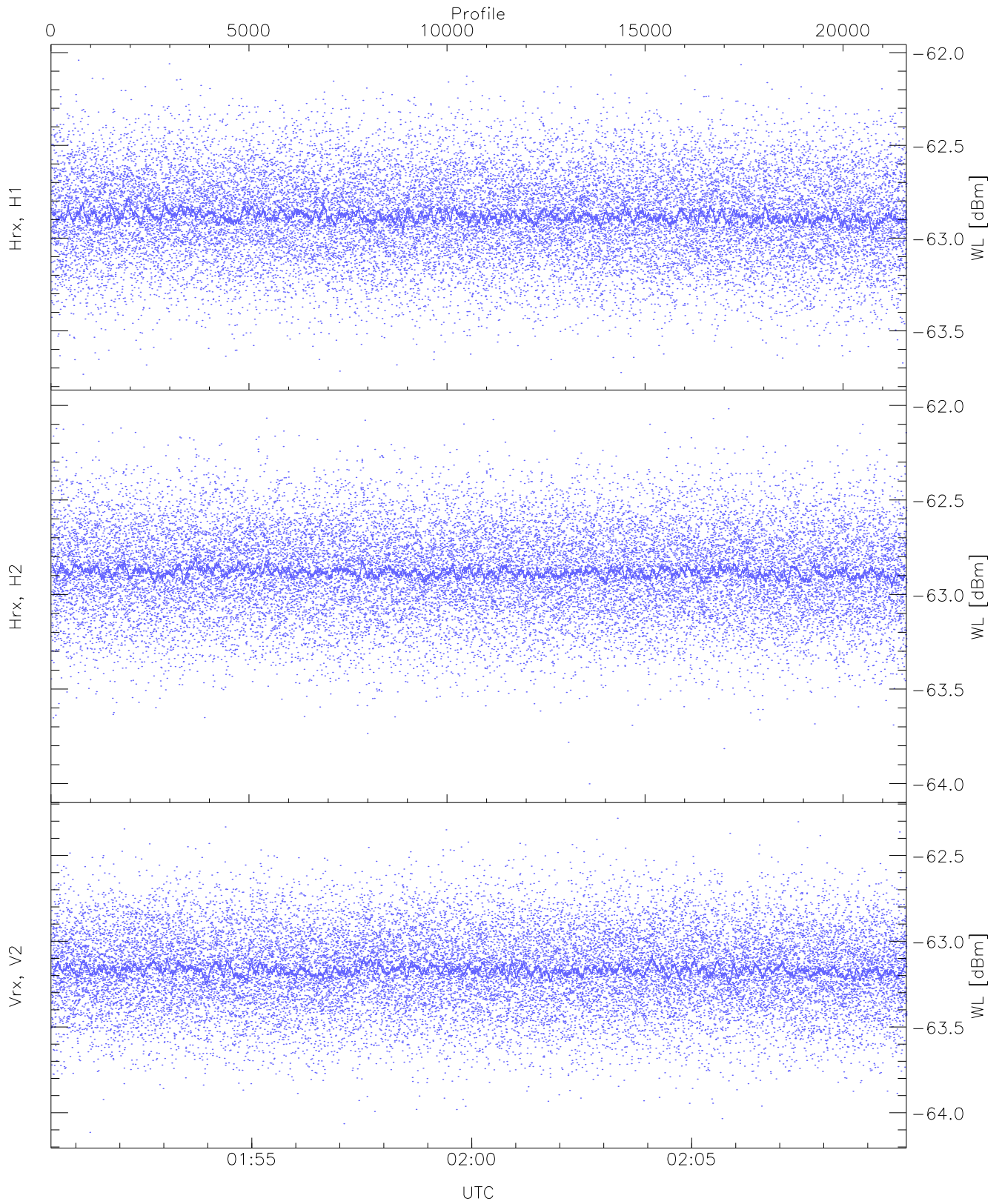
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

```
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,19,27,27,31
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,22,29,29,33
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT, CollT, BodyCurr, DeckF, OverDuty, HVPS (15,15,15,15,15,4)
```



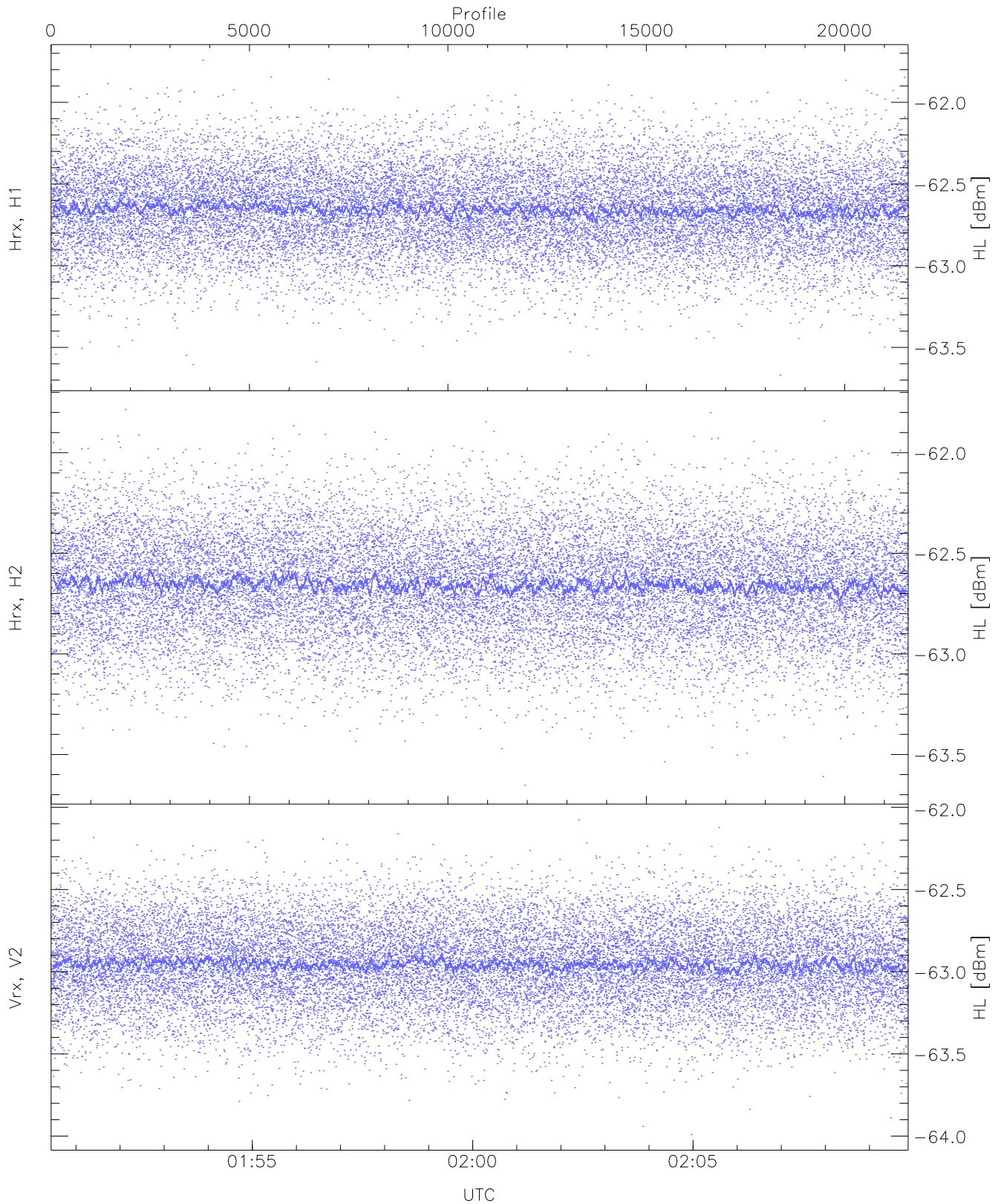
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 4481 pixs, 79 gates, 4083 profs, 2 prods



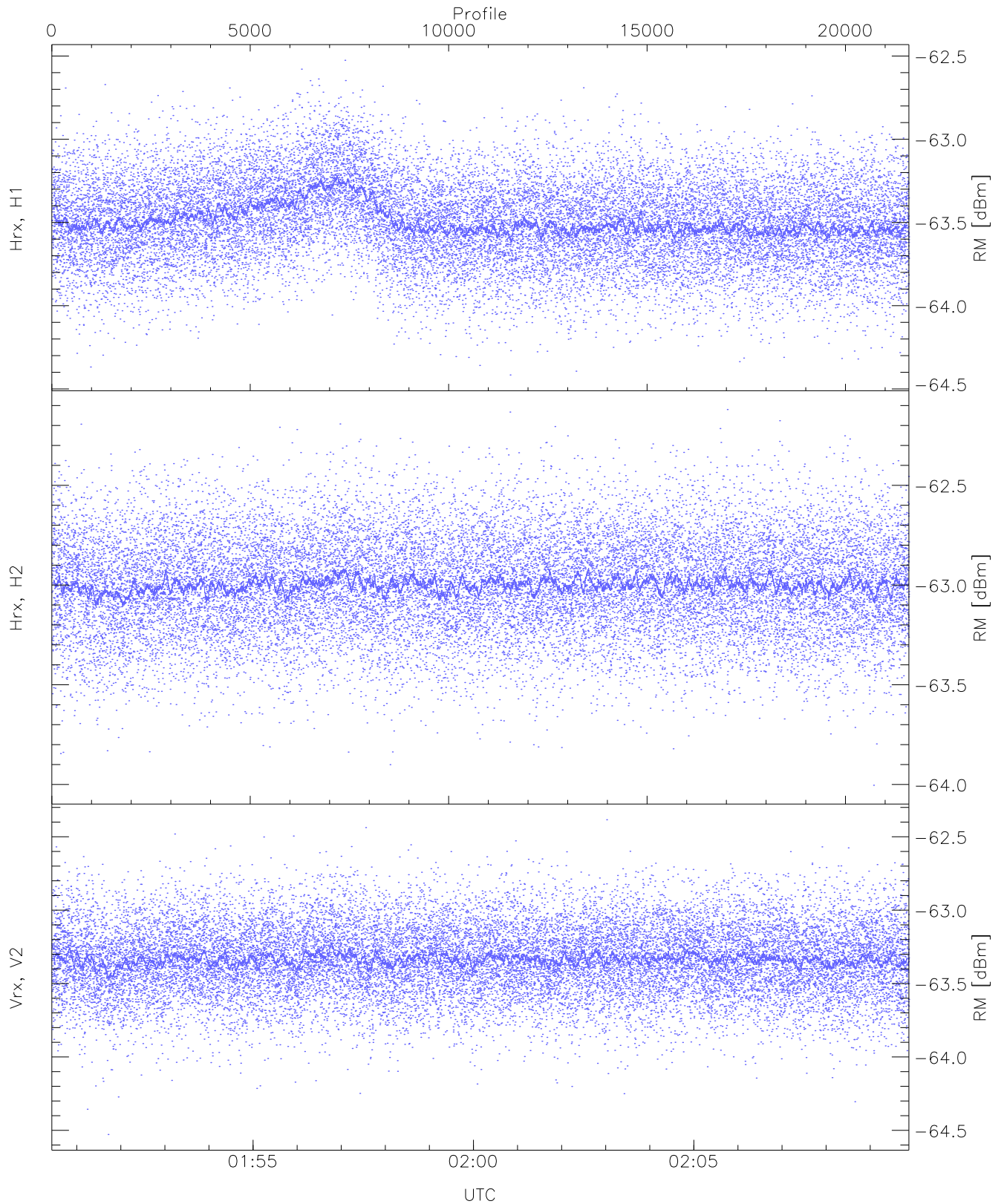
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.73	-62.04	-62.88	-62.88	-75.58
Hrx, H2(WL [dBm])	-64.00	-62.02	-62.88	-62.88	-75.63
Vrx, V2(WL [dBm])	-64.11	-62.28	-63.16	-63.17	-75.89



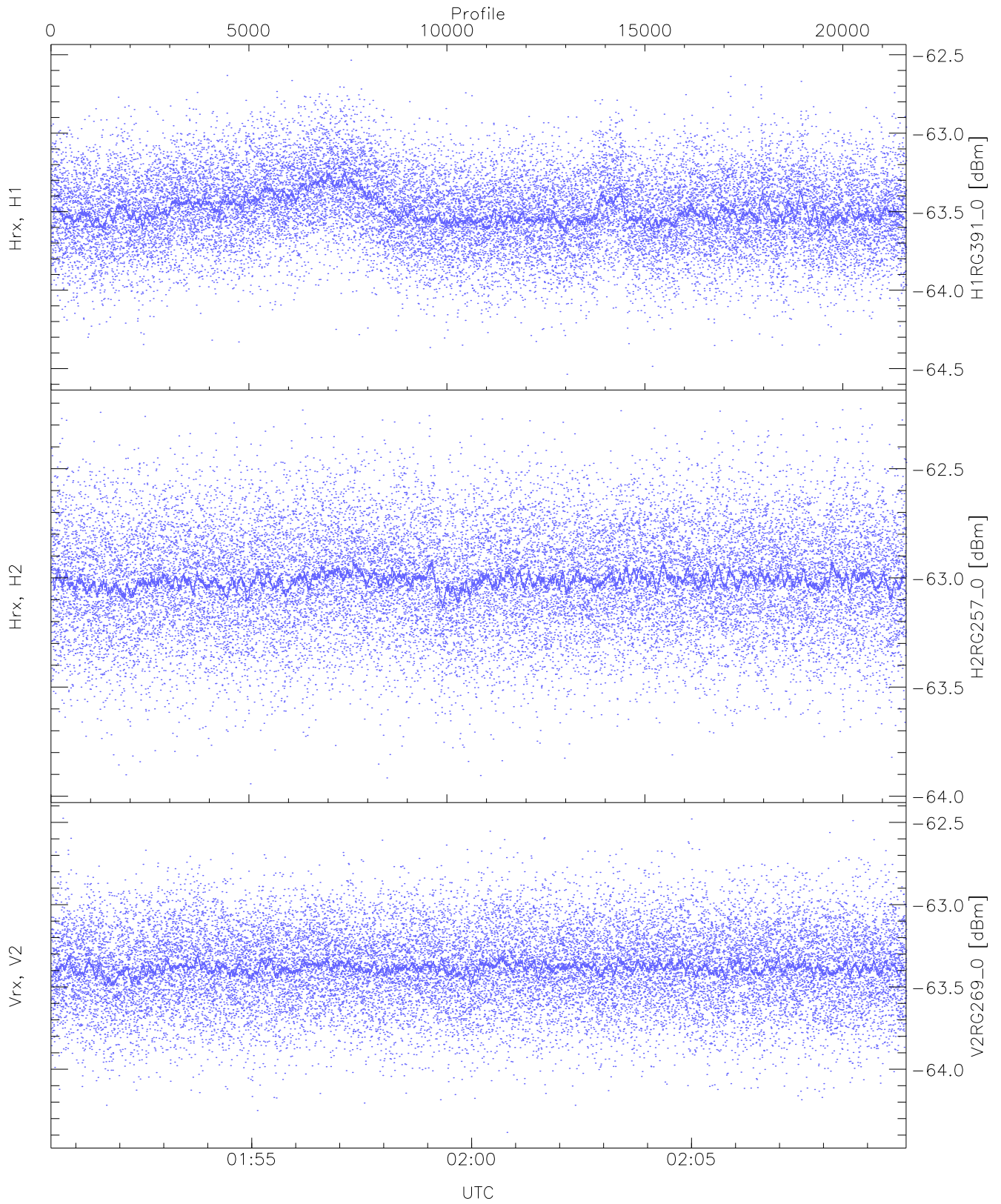
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.67	-61.74	-62.65	-62.66	-75.38
Hrx, H2 (HL [dBm])	-63.65	-61.79	-62.65	-62.66	-75.35
Vrx, V2 (HL [dBm])	-63.99	-62.08	-62.95	-62.96	-75.64



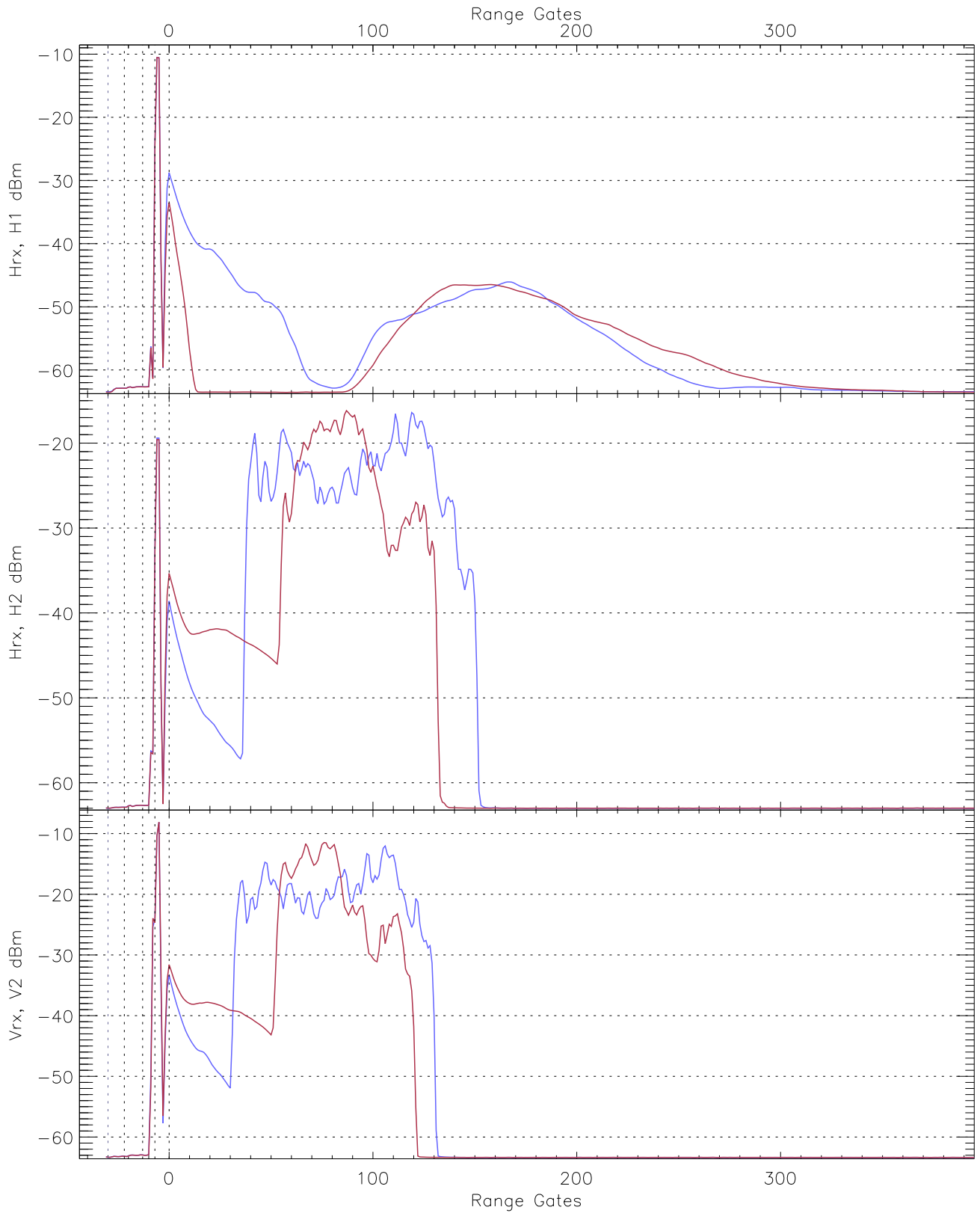
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.42	-62.53	-63.49	-63.49	-75.98
Hrx, H2 (RM [dBm])	-64.00	-62.12	-63.00	-63.00	-75.68
Vrx, V2 (RM [dBm])	-64.53	-62.38	-63.33	-63.34	-76.00

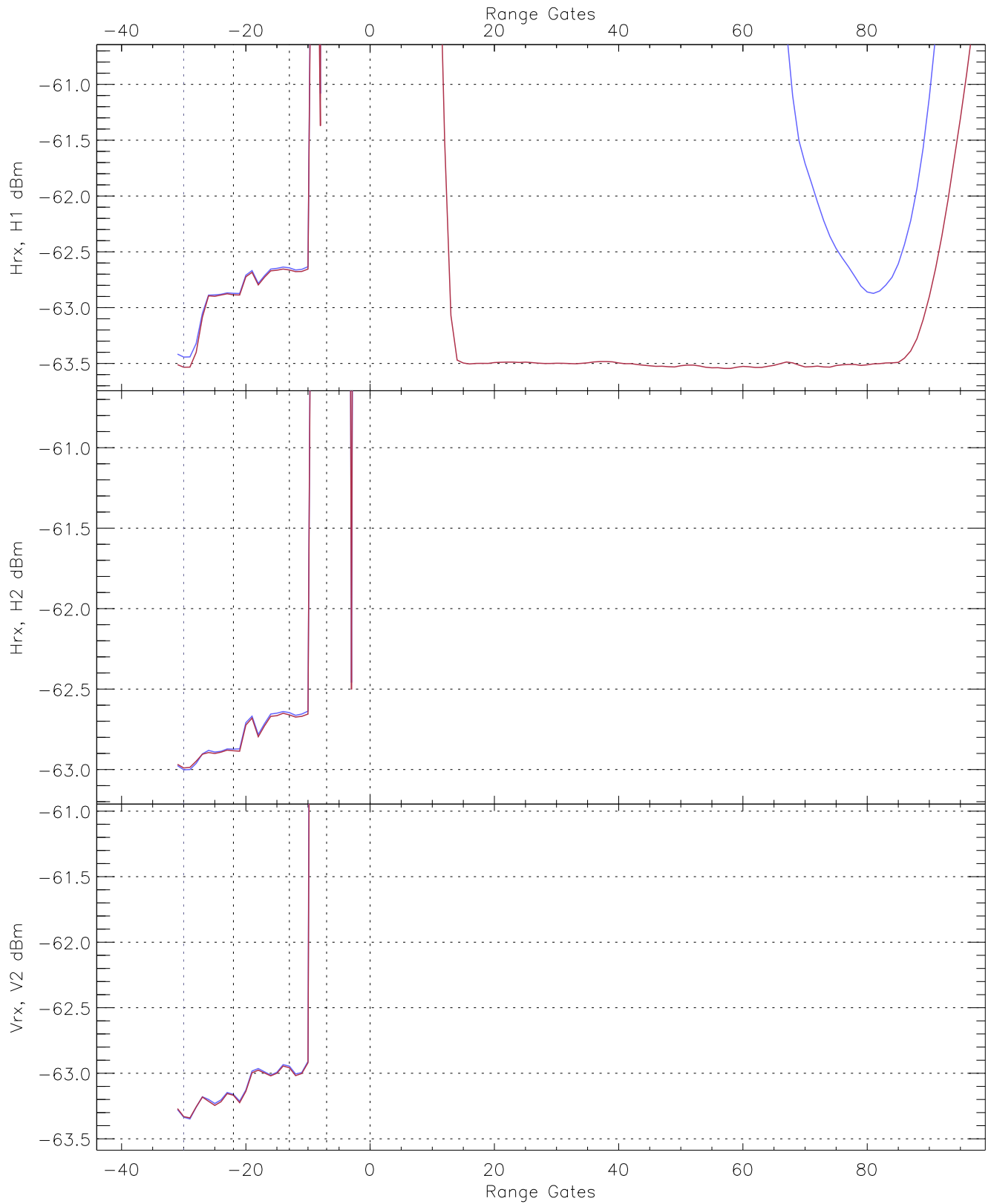


WCR2 CPP "Best" estimate Receivers Noise Power

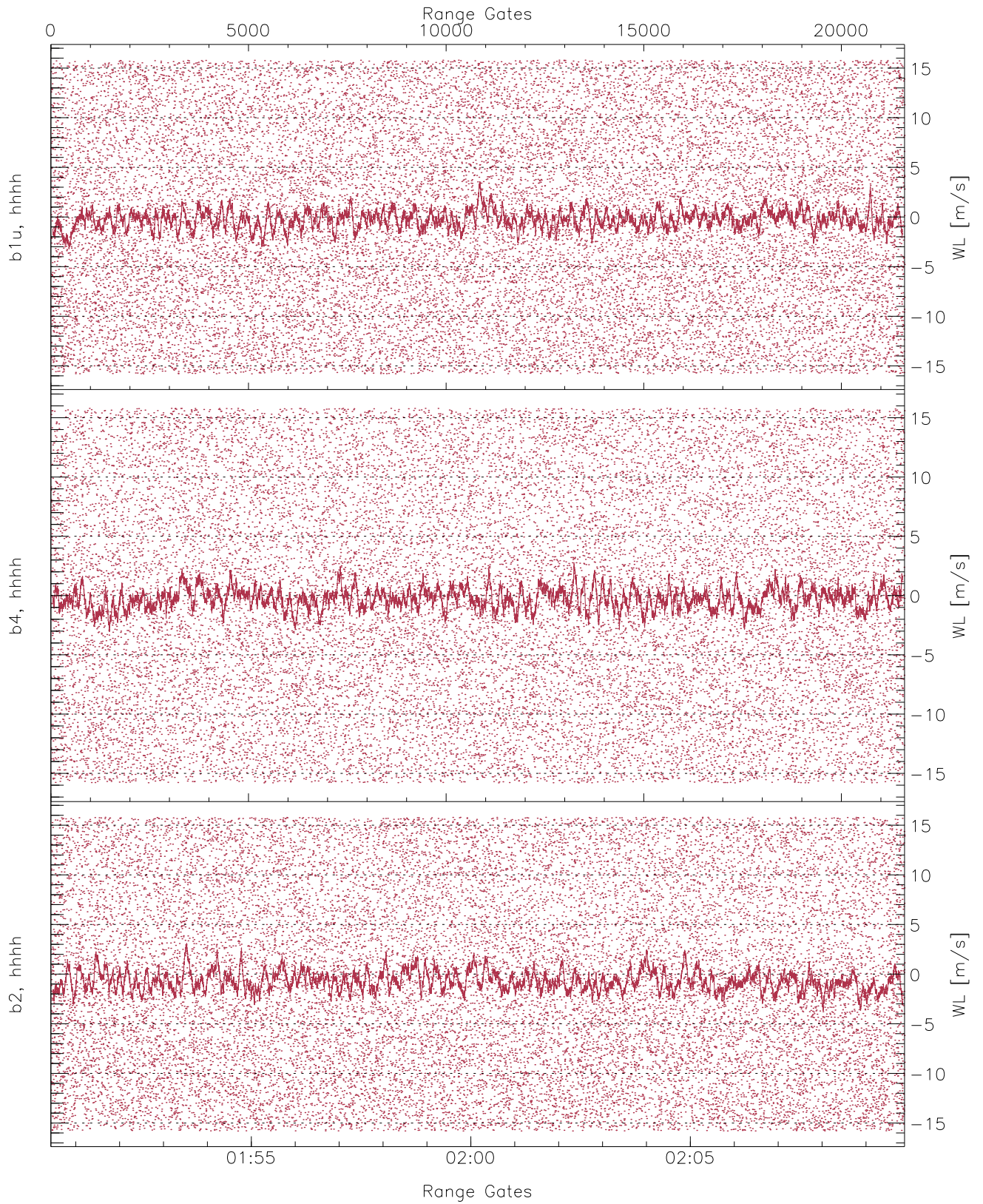
	Min	Max	Mean	Median	StDev
H1RG391_0 [dBm]	-64.54	-62.53	-63.49	-63.50	-76.02
H2RG257_0 [dBm]	-63.94	-62.23	-63.01	-63.01	-75.70
V2RG269_0 [dBm]	-64.38	-62.47	-63.38	-63.39	-76.02



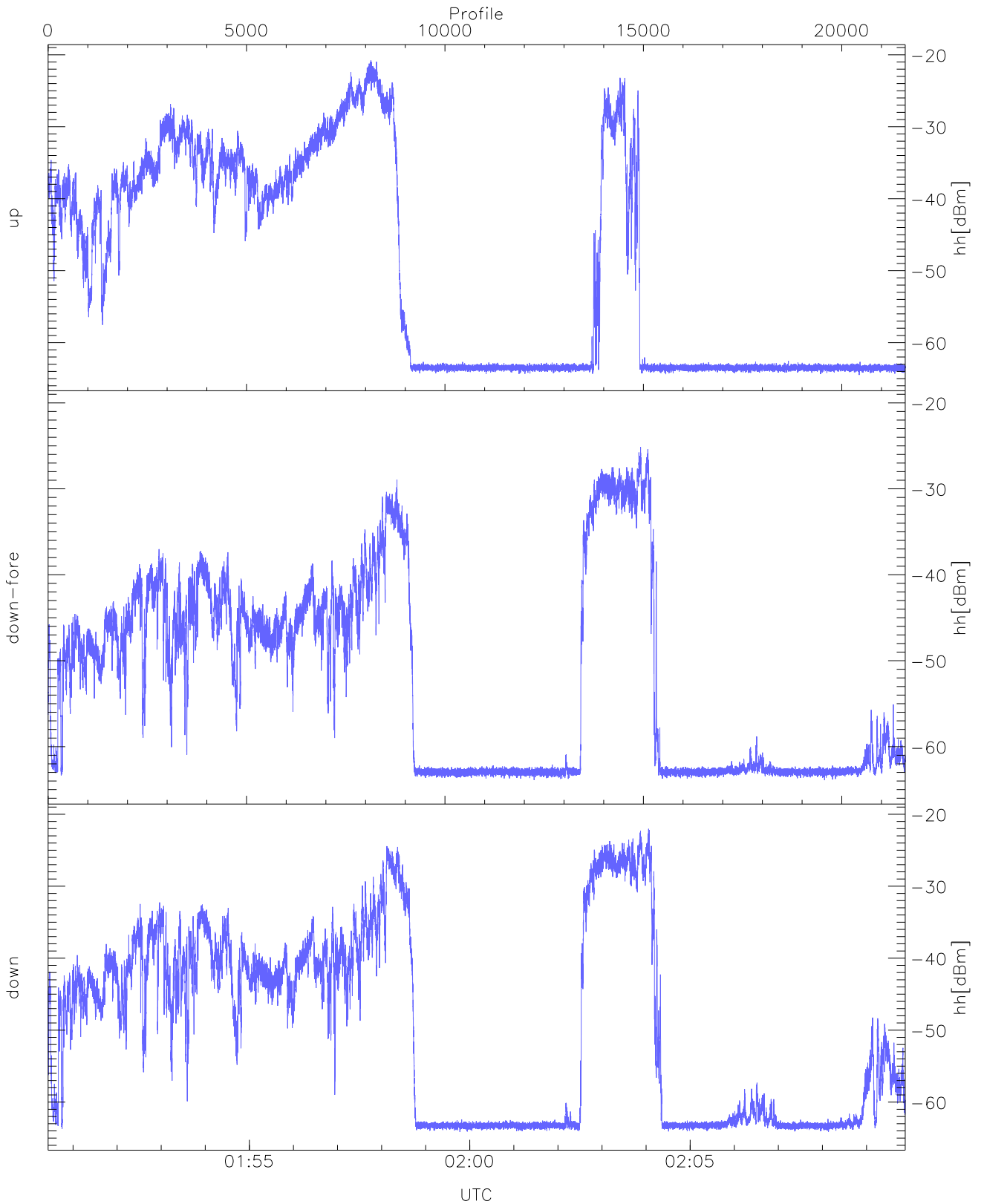
WCR2 CPP Averaged Received power for all recorded gates
blue: 015026-020009, 10801 profiles averaged
red: 020009-020953, 10800 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 015026-020009, 10801 profiles averaged
red: 020009-020953, 10800 profiles averaged

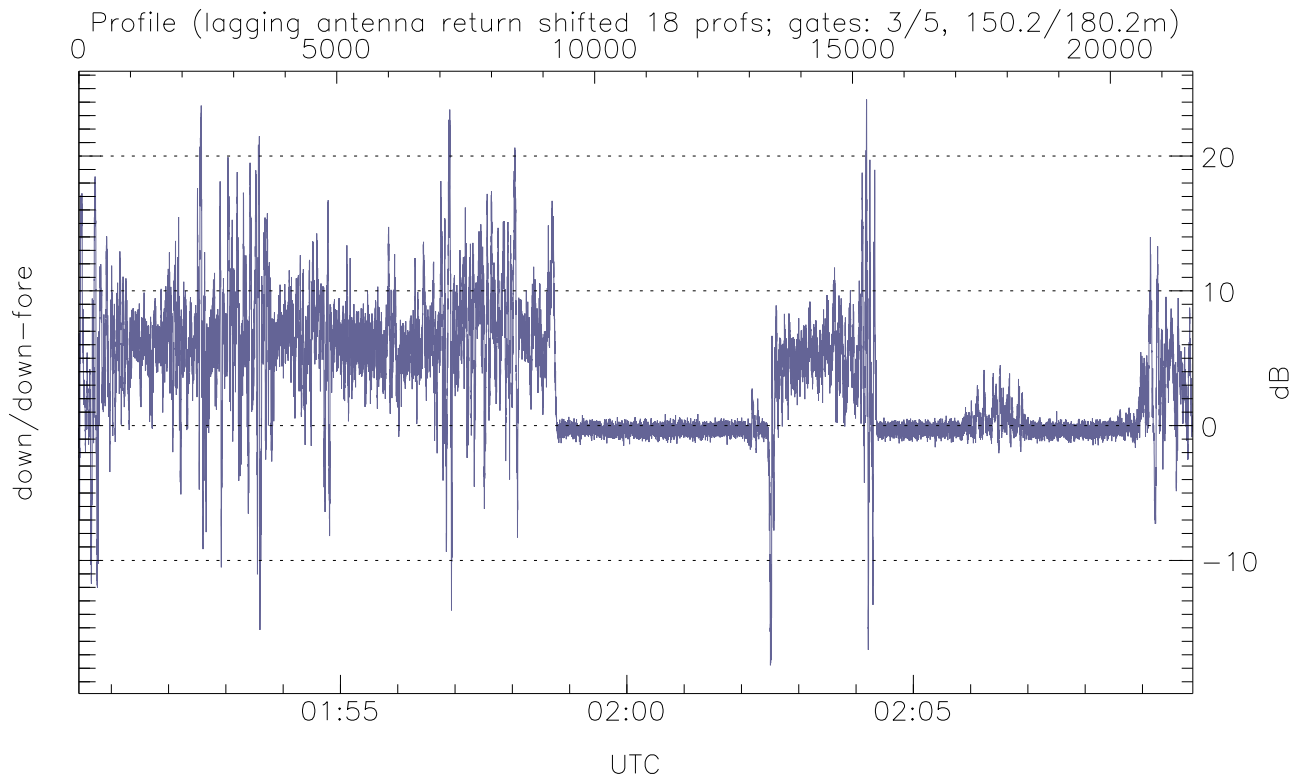
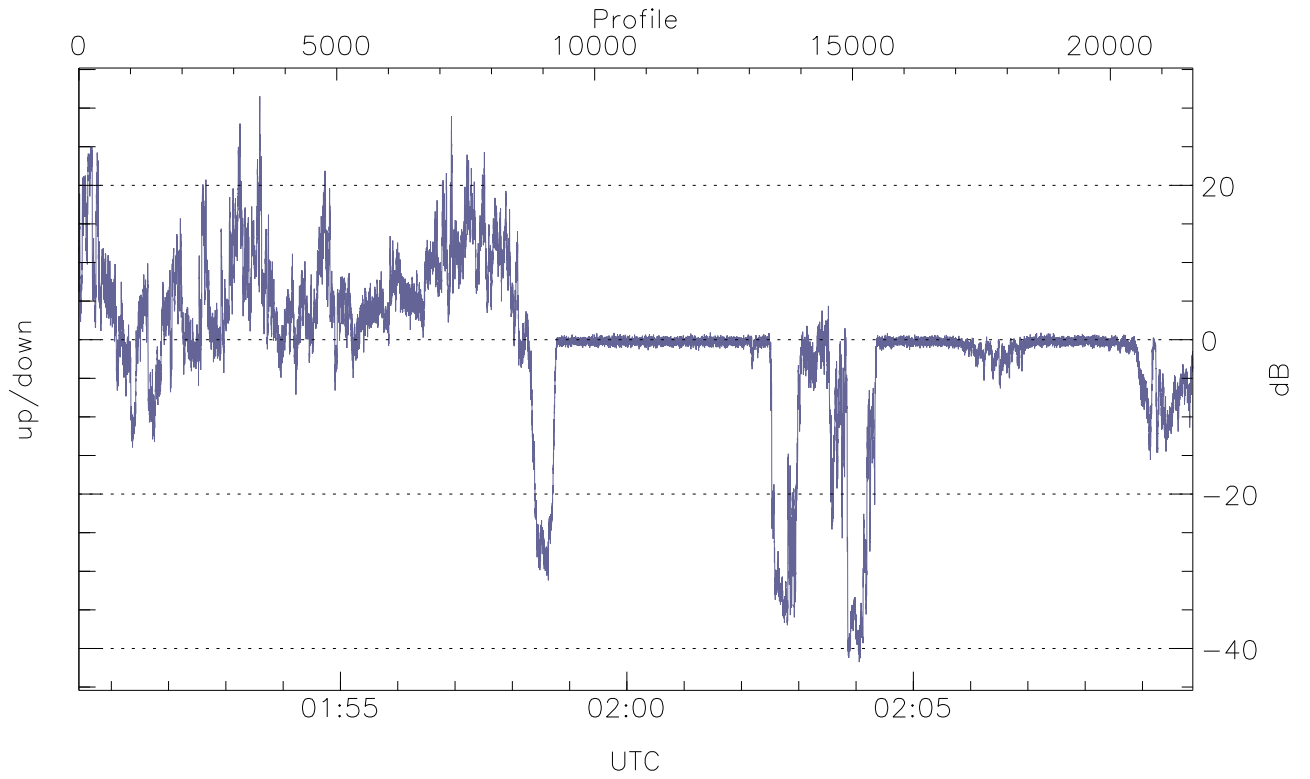


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



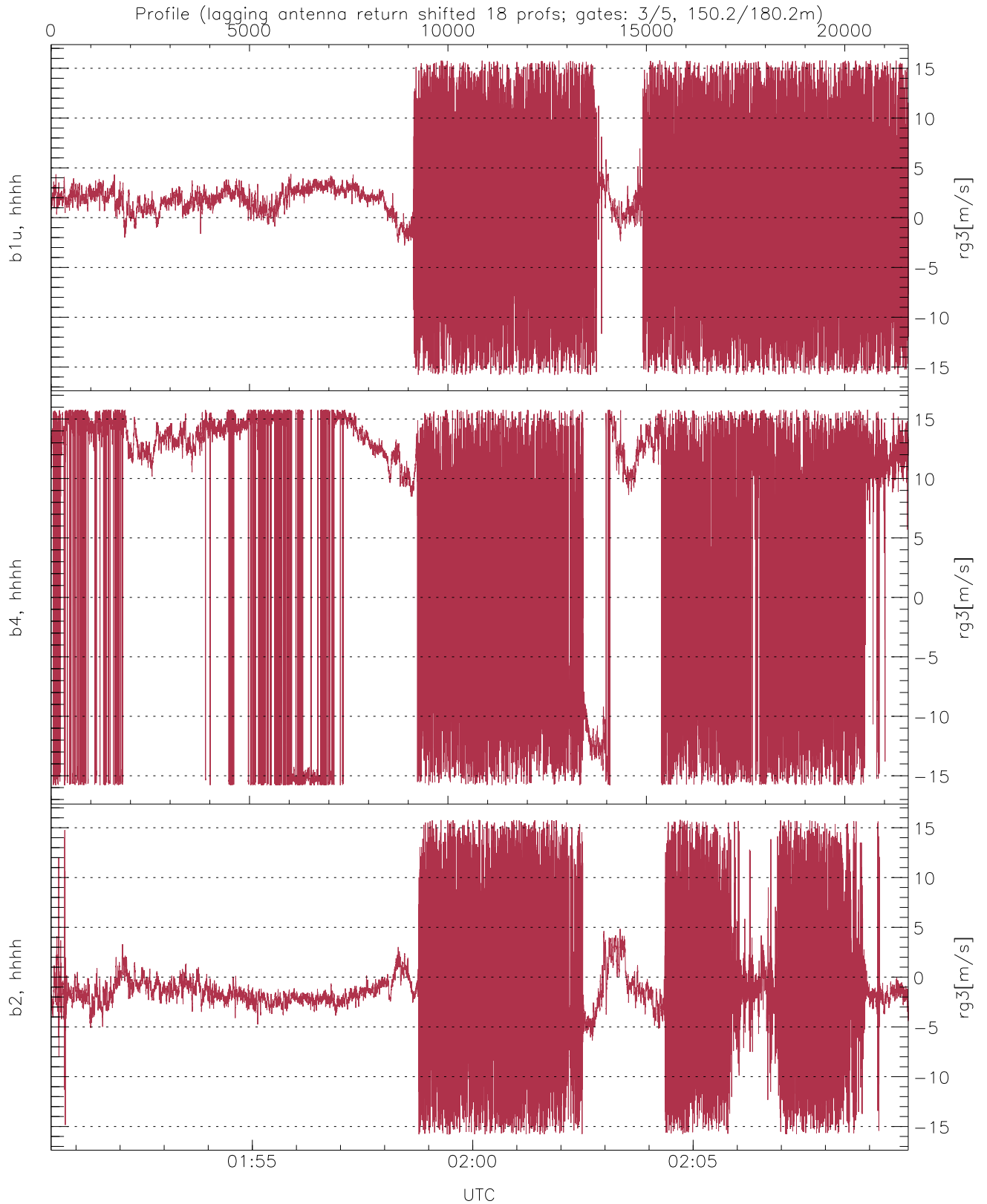
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-64.50	-20.77	-34.35
down-fore(hh[dBm])	-63.91	-25.14	-39.62
down(hh[dBm])	-64.14	-22.03	-35.75



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

	Min	Max	Mean
up/down (dB)	-41.76	31.53	-0.23
down/down-fore (dB)	-17.78	24.19	3.24



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.80	15.80	0.68	6.57
b4, hhhh(rg3[m/s])	-15.80	15.80	4.94	10.98
b2, hhhh(rg3[m/s])	-15.80	15.79	-1.18	5.34