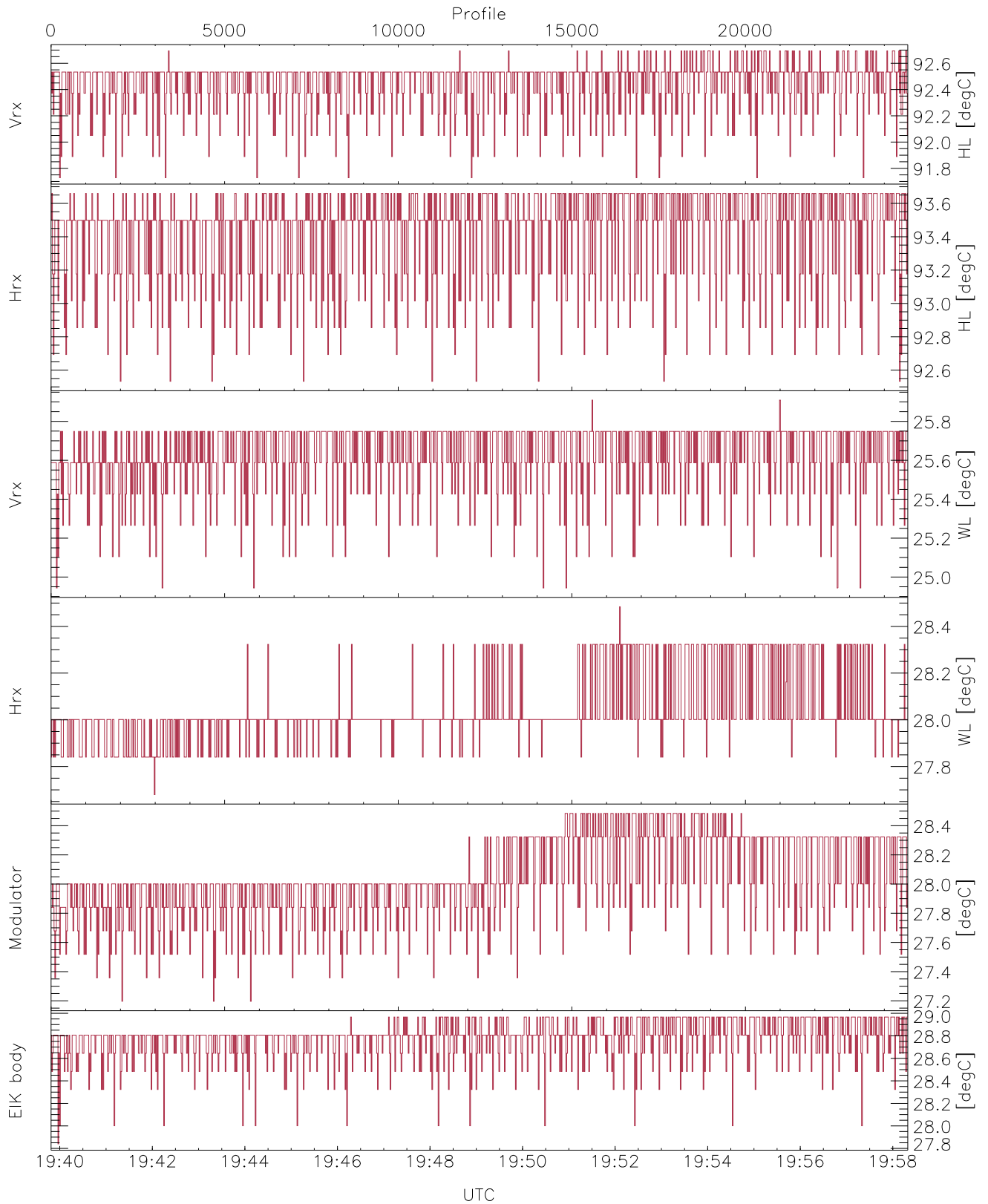


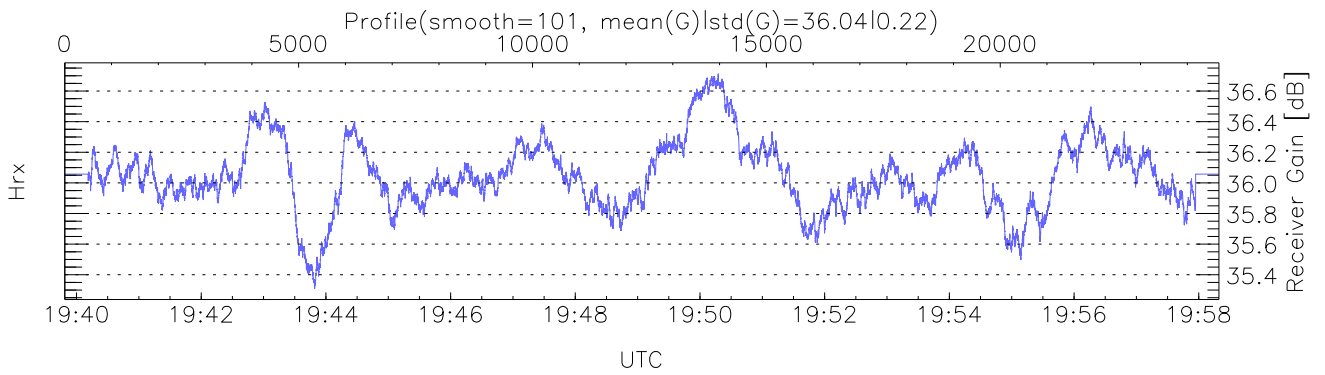
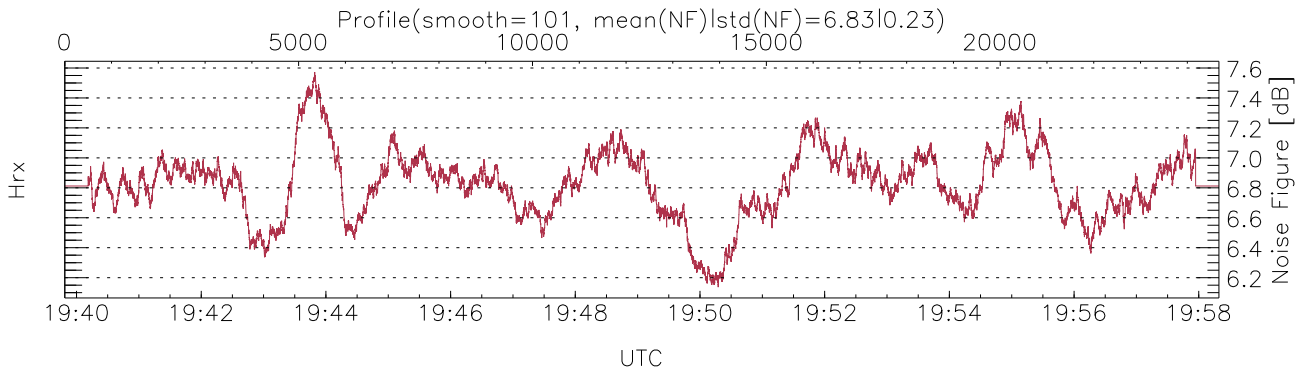
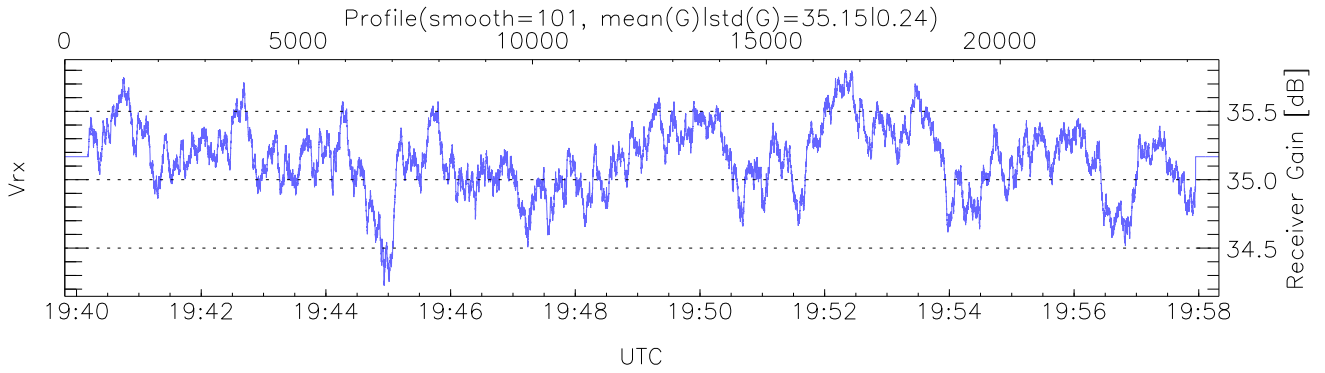
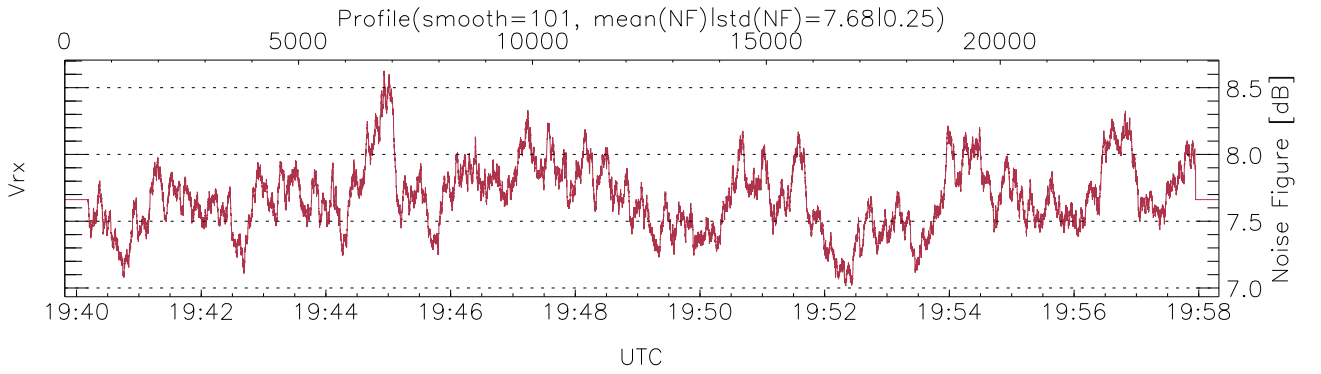
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 19:39:49-19:58:19, TimeCor: 0.00s, Dur: 1110.74s
 TimeFlg: 1, TFPstatus constant.
 TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
 NumRec(r/t): 24678/24678, 0-24677/19:39:49-19:58:19
 AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H1 V2 V2 V2 H2 H2 H2
 PRF: 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
 Range(min,max,rqs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



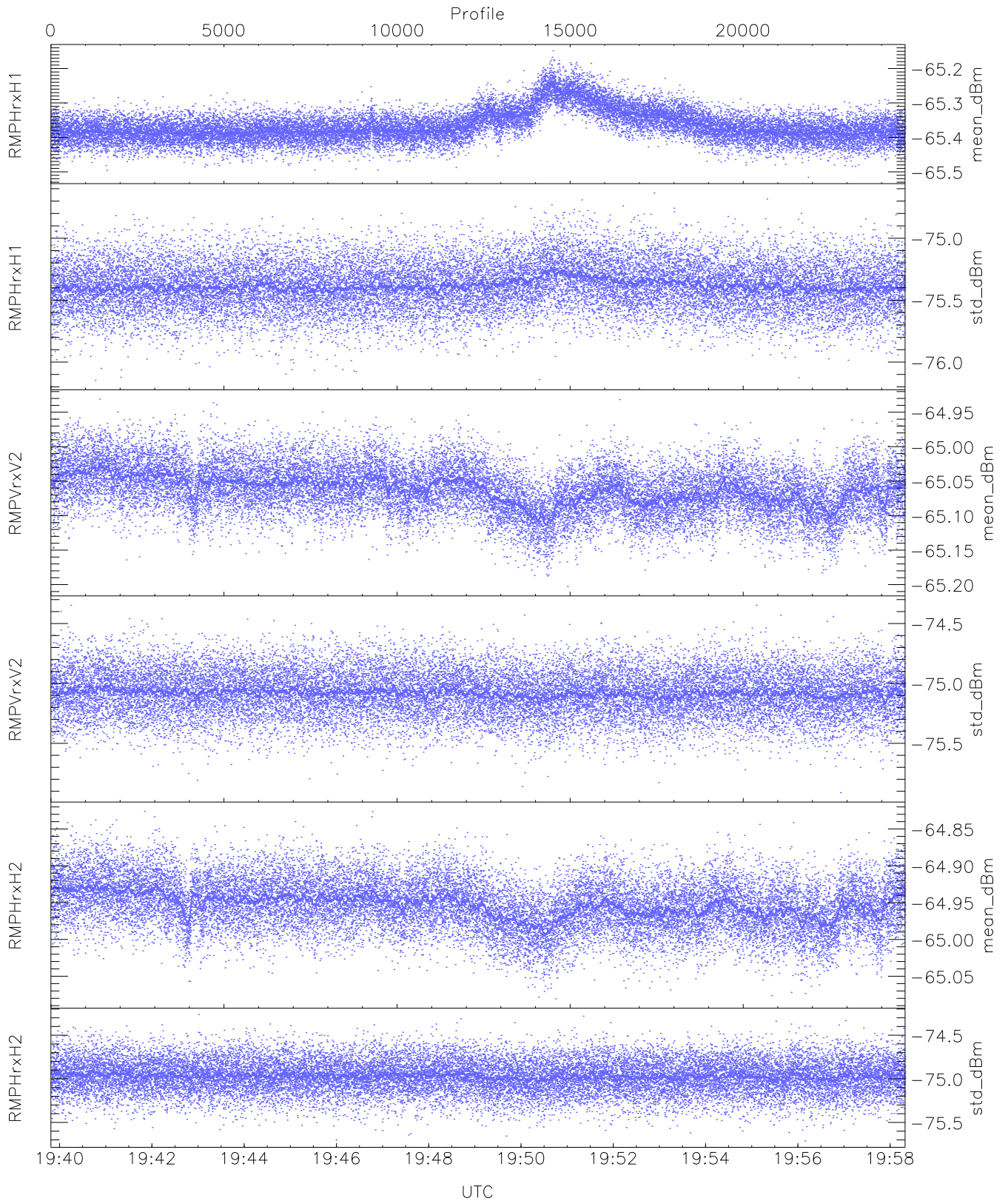
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

```
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,24,27,27,27
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,25,28,28,28
LOalarm(20,240,2817,14861 MHz): 0,0,22,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,22,22,22,22)
```



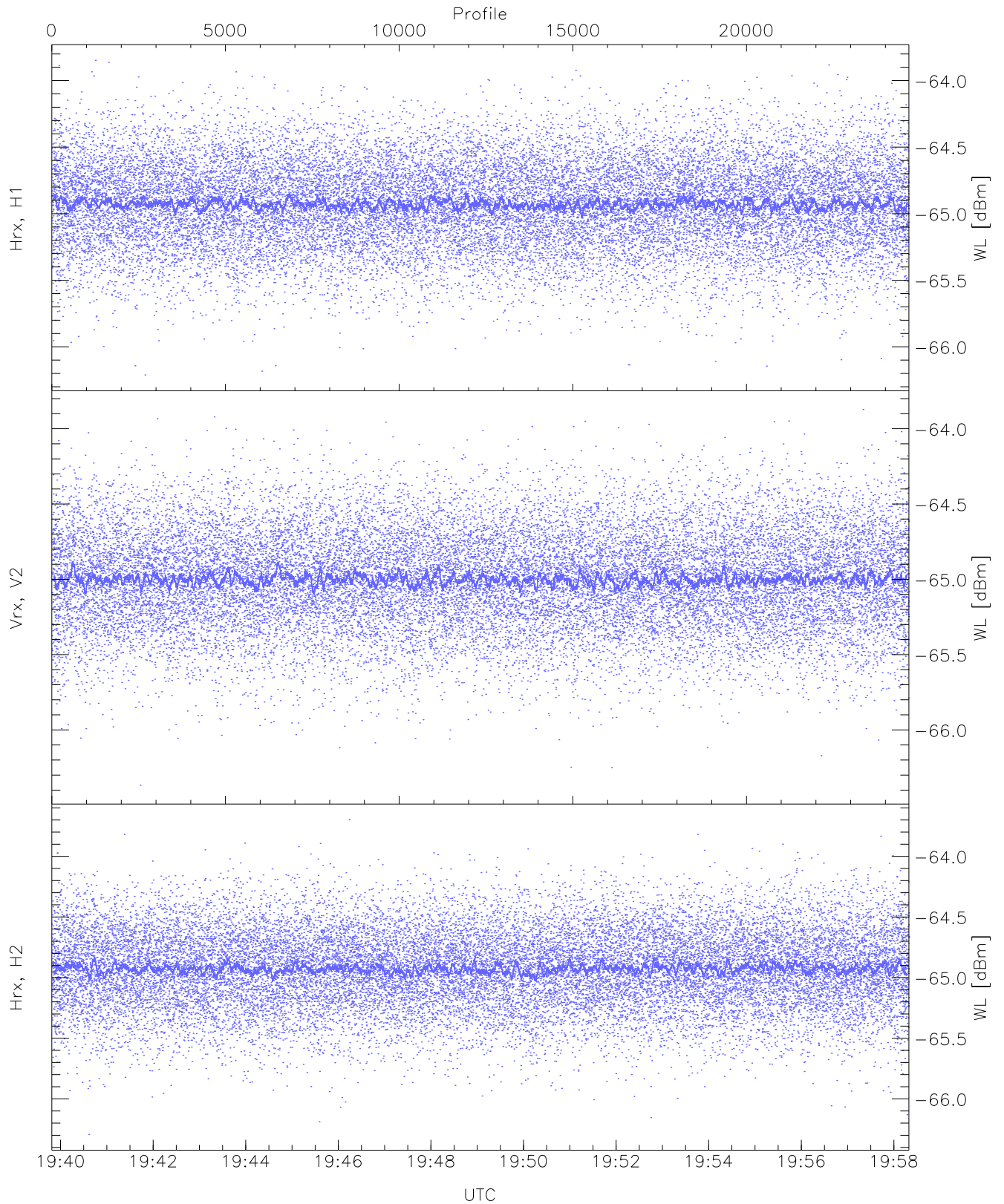
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 0 pixs, 0 gates, 0 profs, 0 prod(s)



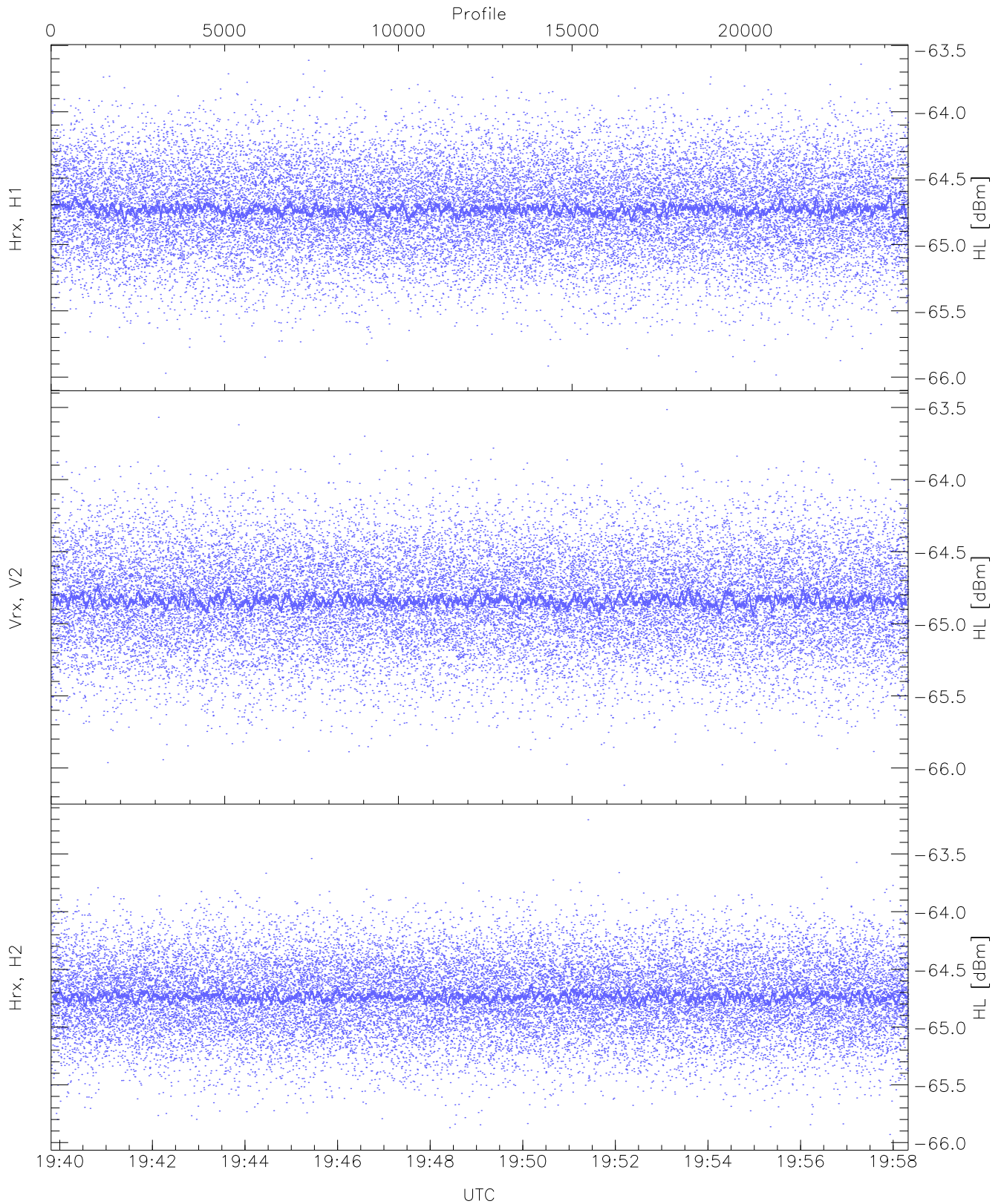
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.52	-65.15	-65.37	-65.37	-85.20
RMPHrxH1(std_dBm)	-76.15	-74.63	-75.38	-75.38	-89.10
RMPVrxV2(mean_dBm)	-65.20	-64.93	-65.06	-65.06	-86.06
RMPVrxV2(std_dBm)	-75.91	-74.35	-75.08	-75.08	-88.83
RMPHrxH2(mean_dBm)	-65.08	-64.83	-64.95	-64.95	-86.12
RMPHrxH2(std_dBm)	-75.71	-74.26	-74.97	-74.97	-88.74



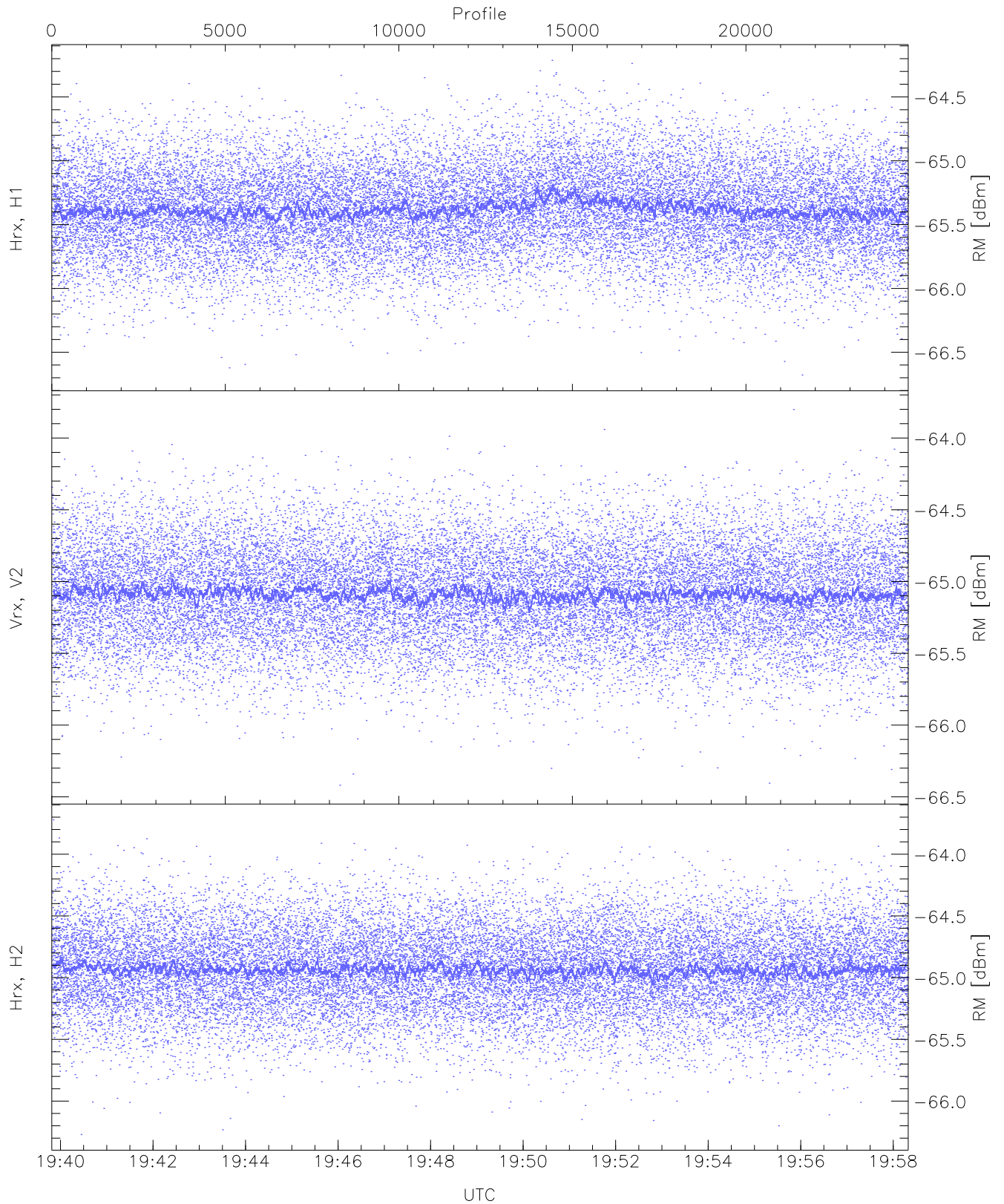
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.21	-63.85	-64.92	-64.93	-76.42
Vrx, V2 (WL [dBm])	-66.37	-63.87	-64.99	-65.00	-76.51
Hrx, H2 (WL [dBm])	-66.29	-63.70	-64.92	-64.92	-76.43



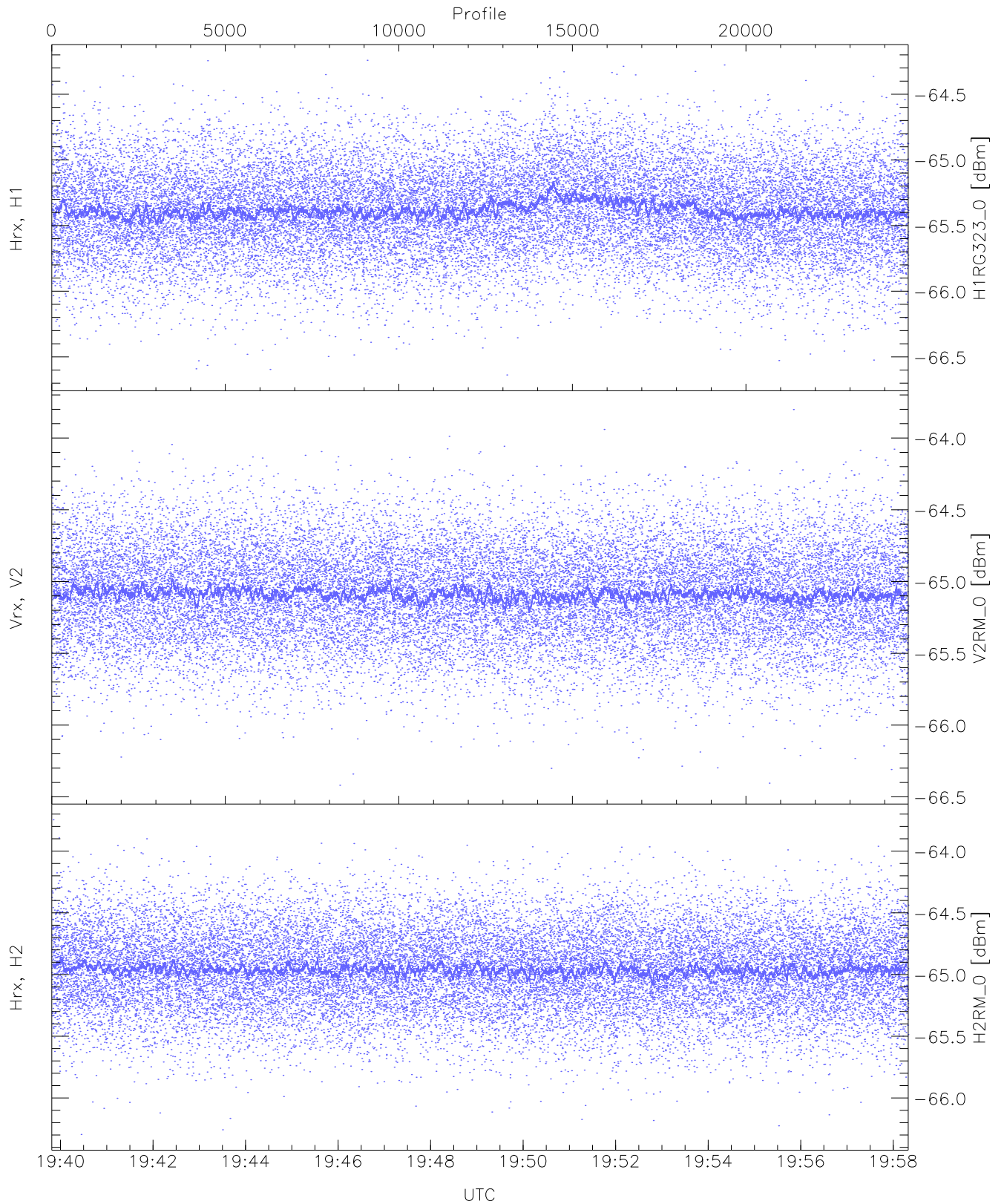
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.98	-63.61	-64.73	-64.74	-76.25
Vrx, V2 (HL [dBm])	-66.12	-63.51	-64.83	-64.84	-76.32
Hrx, H2 (HL [dBm])	-65.93	-63.20	-64.73	-64.74	-76.25



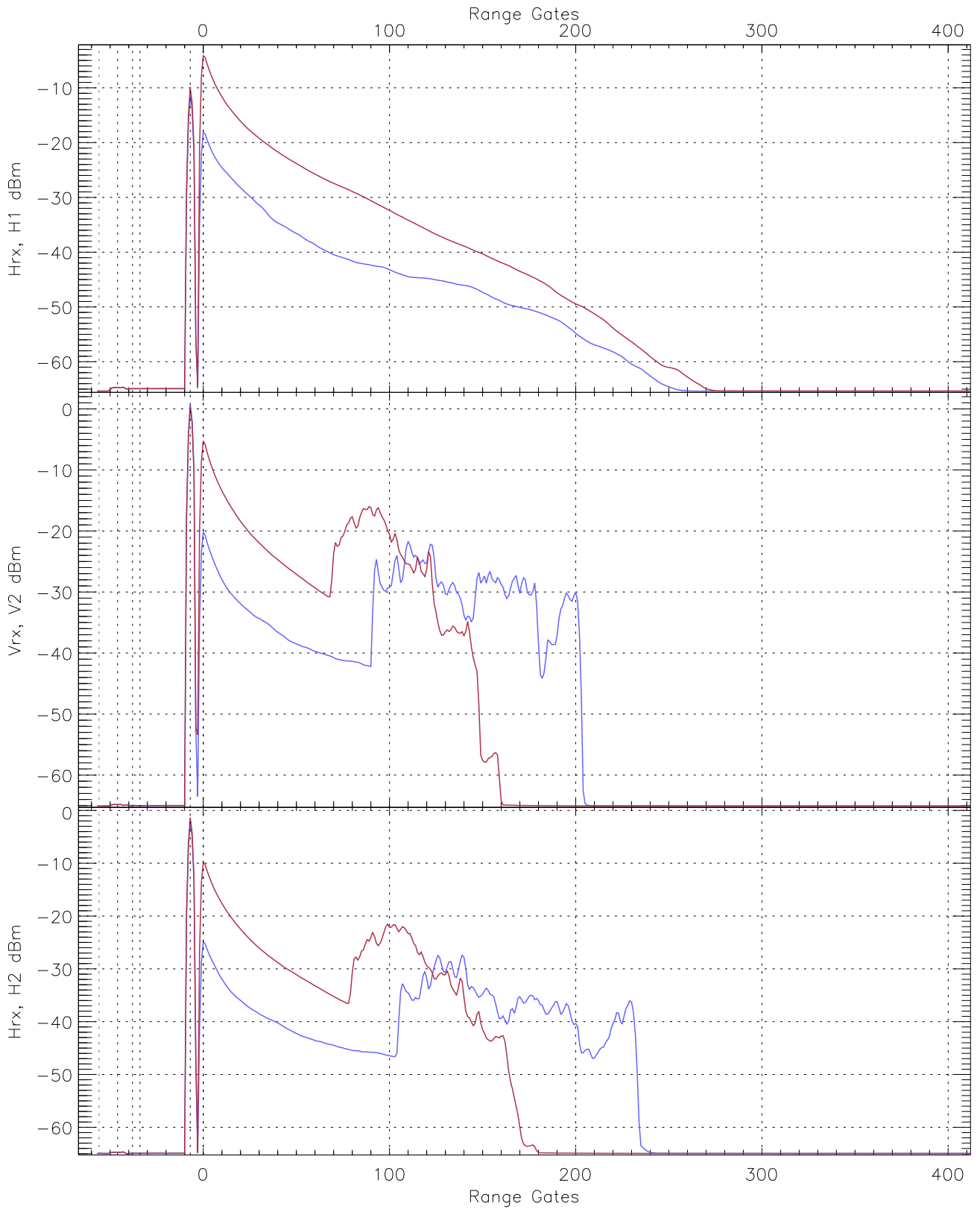
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.68	-64.21	-65.38	-65.38	-76.87
Vrx, V2 (RM [dBm])	-66.42	-63.80	-65.08	-65.09	-76.57
Hrx, H2 (RM [dBm])	-66.27	-63.72	-64.93	-64.93	-76.42

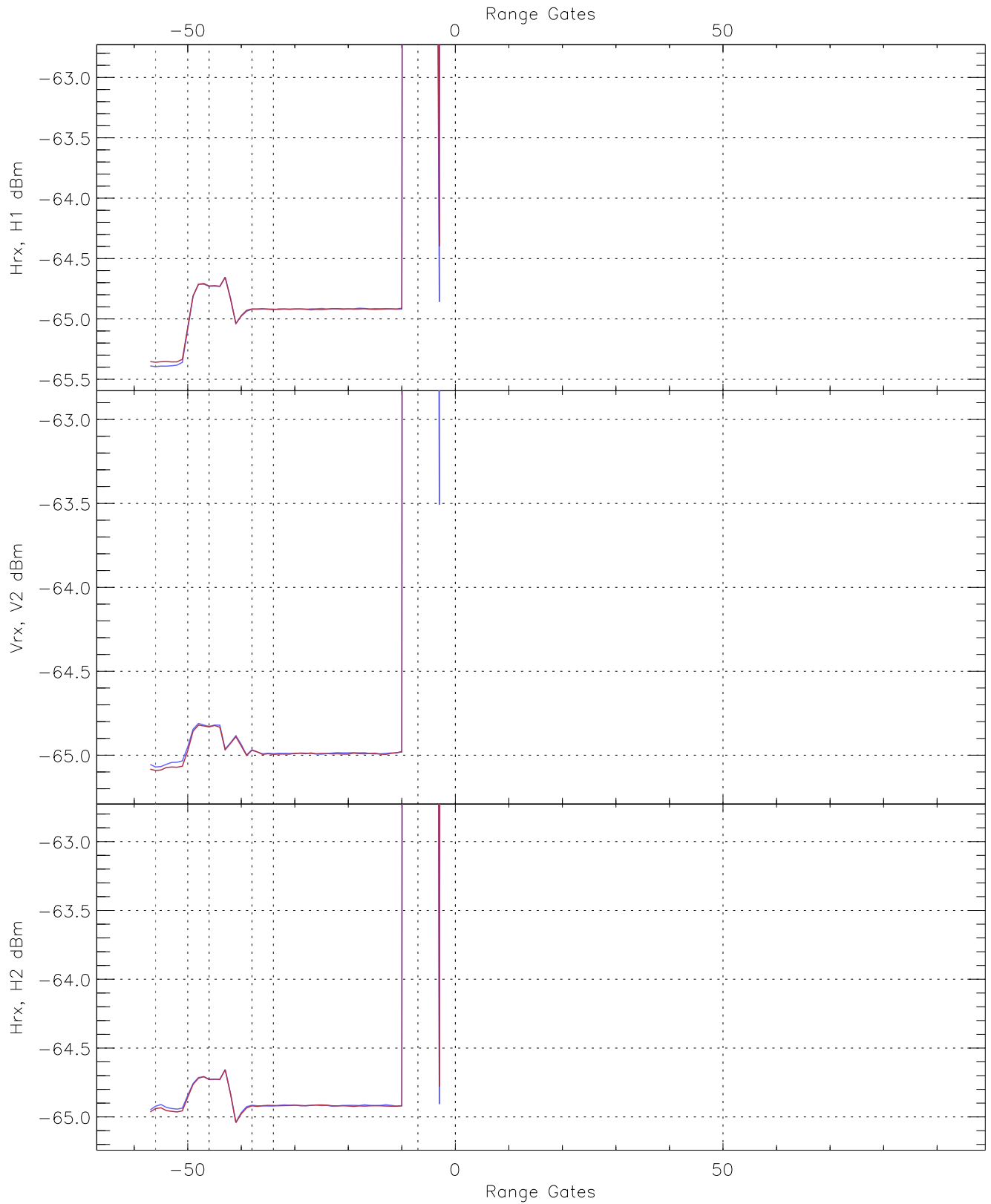


WCR3 CPP "Best" estimate Receivers Noise Power

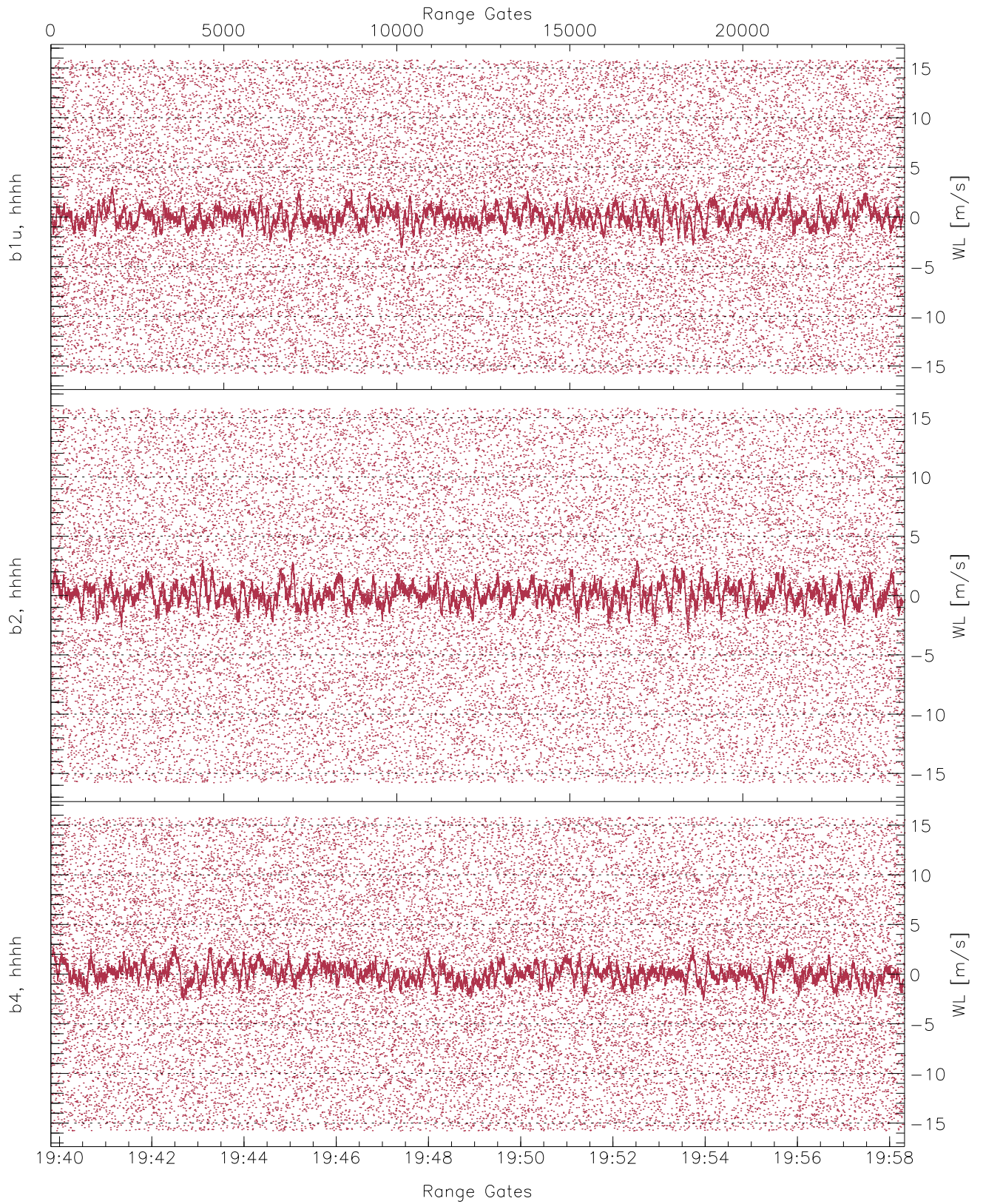
	Min	Max	Mean	Median	StDev
H1RG323_0 [dBm]	-66.64	-64.24	-65.38	-65.38	-76.84
V2RM_0 [dBm]	-66.42	-63.80	-65.08	-65.09	-76.57
H2RM_0 [dBm]	-66.30	-63.75	-64.96	-64.96	-76.44



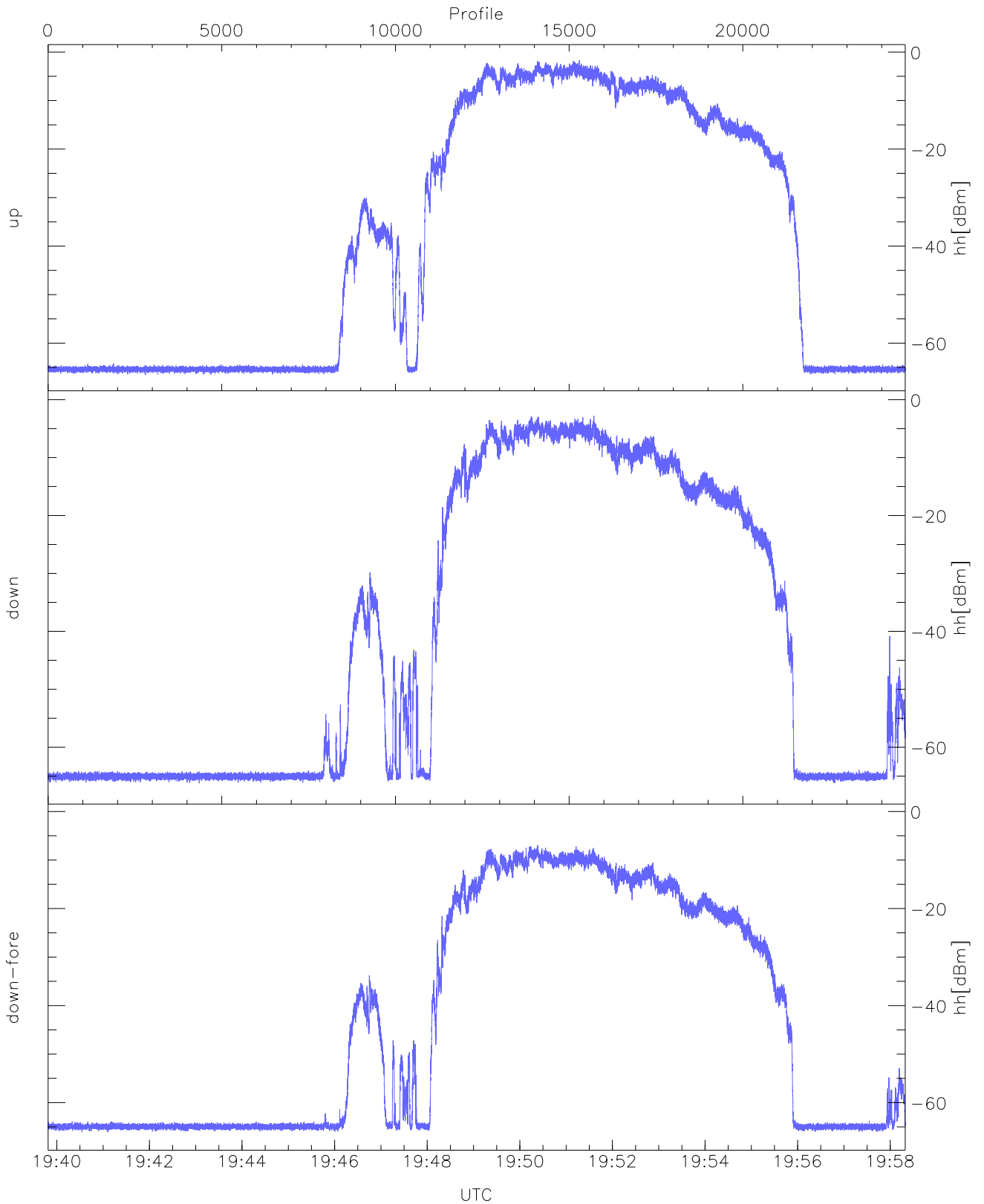
WCR3 CPP Averaged Received power for all recorded gates
blue: 193949-194904, 12340 profiles averaged
red: 194904-195819, 12339 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 193949-194904, 12340 profiles averaged
red: 194904-195819, 12339 profiles averaged

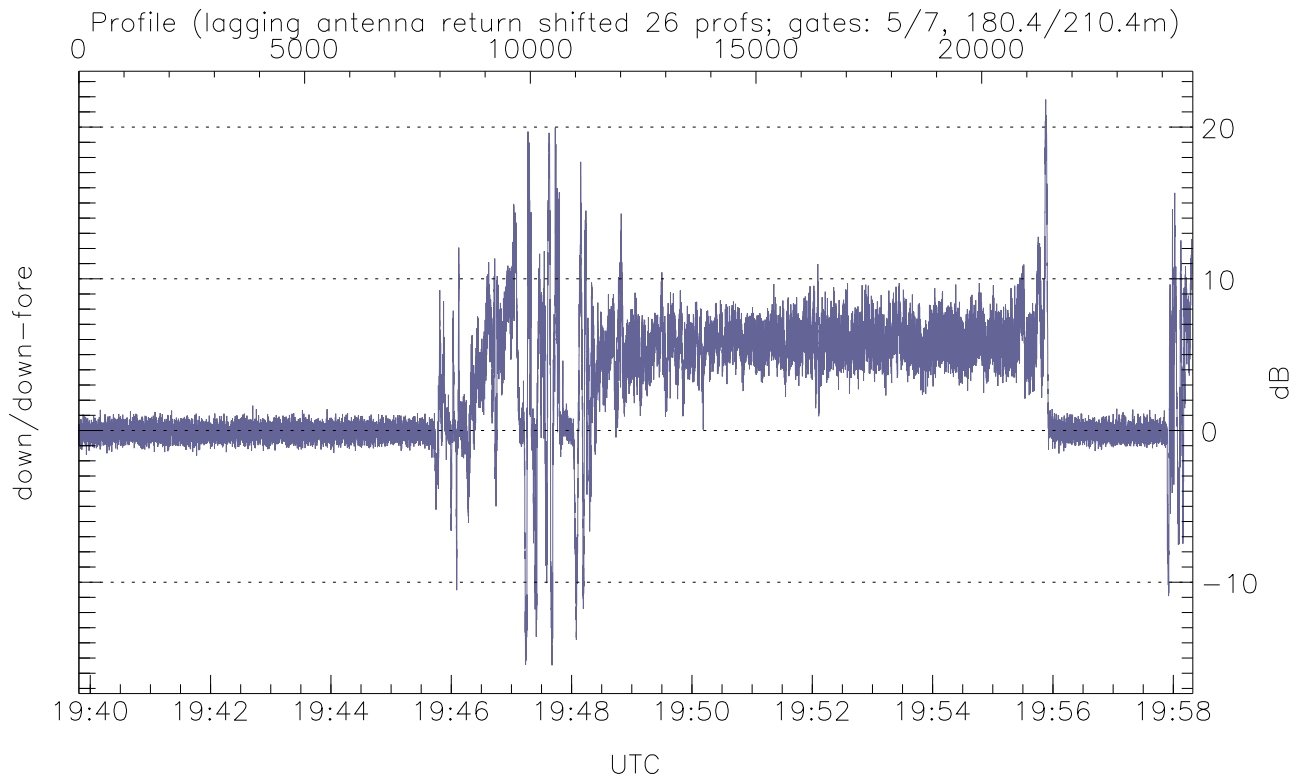
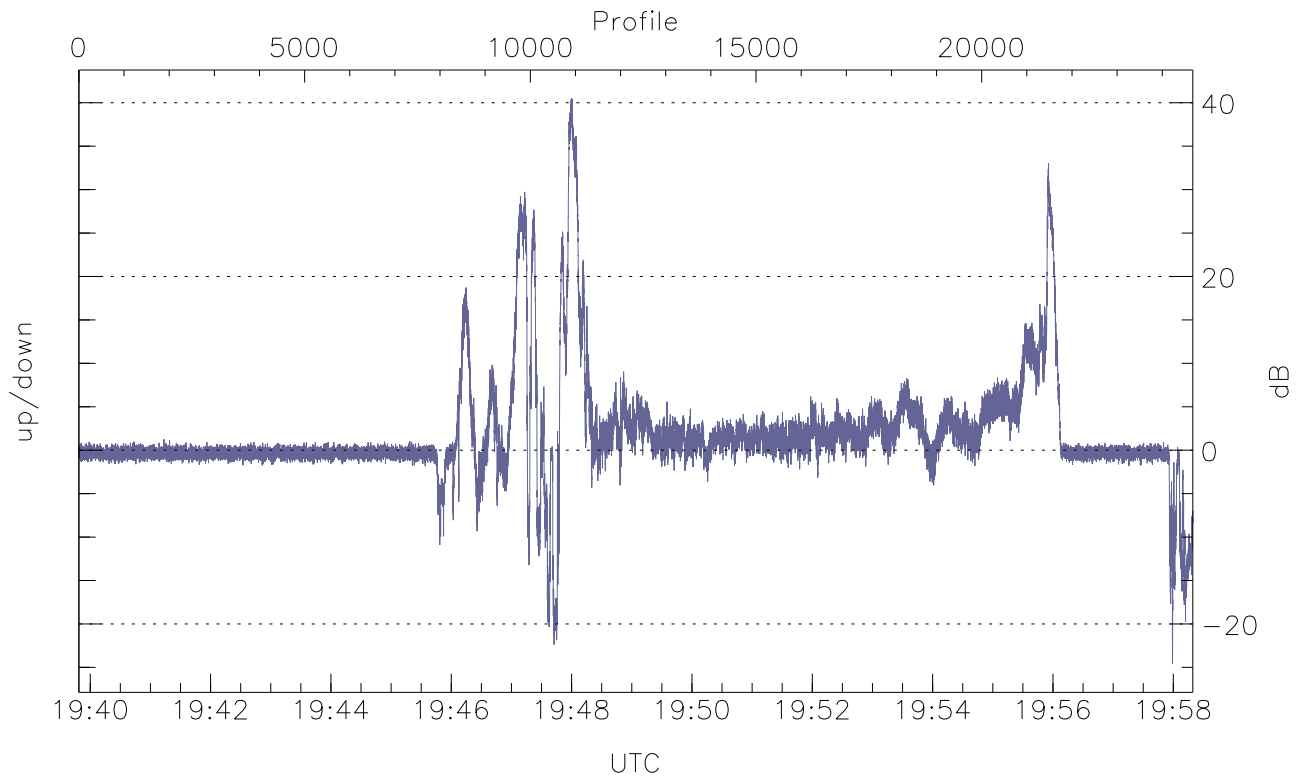


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.57	-1.70	-11.13
down(hh[dBm])	-66.22	-2.80	-12.74
down-fore(hh[dBm])	-66.09	-6.94	-17.00



WCR3 Beam pairs Received Power Ratio(s); RangeGate: 5 (180 m)

	Min	Max	Mean
up/down (dB)	-24.62	40.51	1.87
down/down-fore (dB)	-15.48	21.82	2.81



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	1.75	6.19
b2, hhhh(rg5[m/s])	-15.79	15.79	-1.55	5.99
b4, hhhh(rg5[m/s])	-15.79	15.79	5.62	10.56