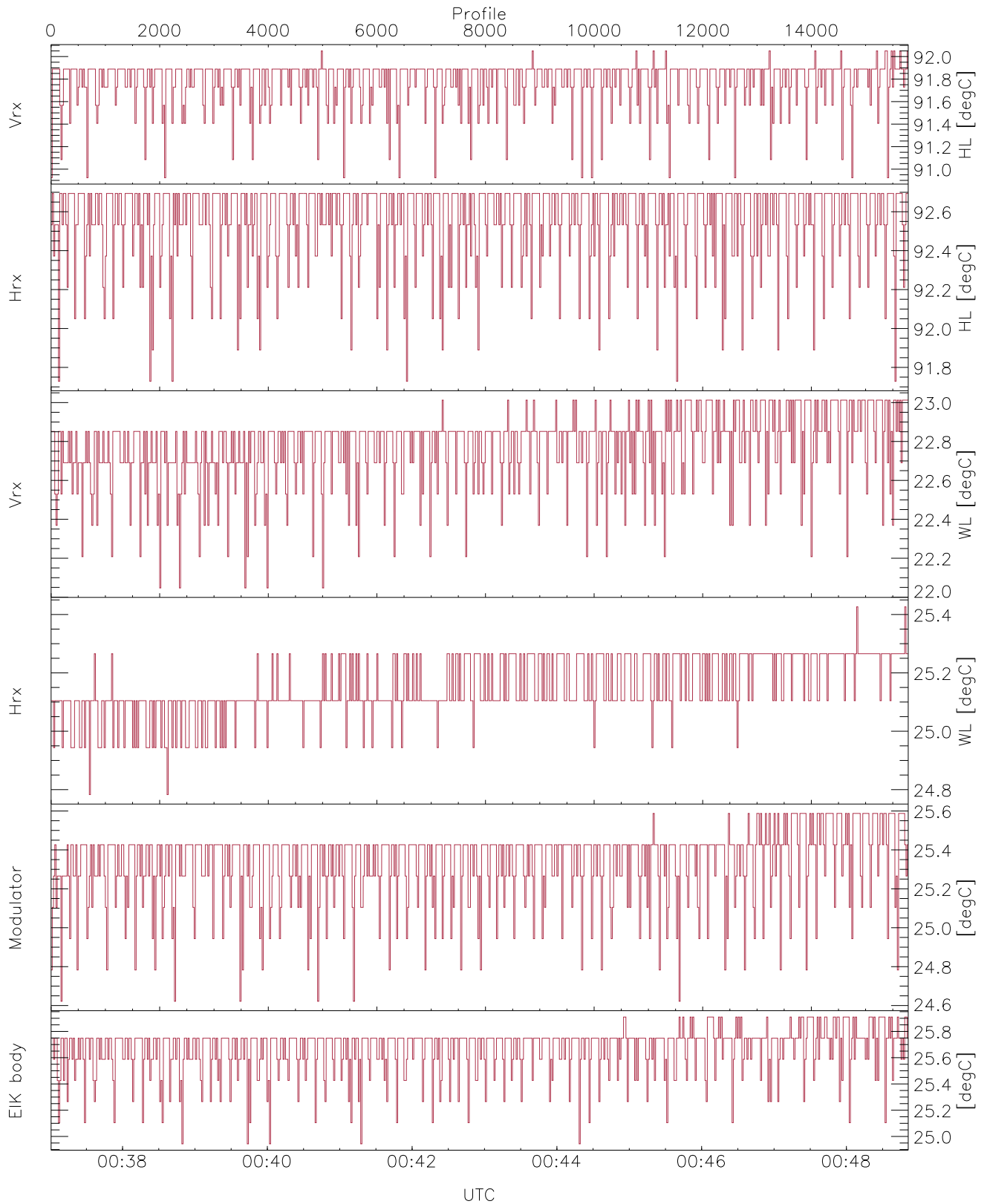


WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

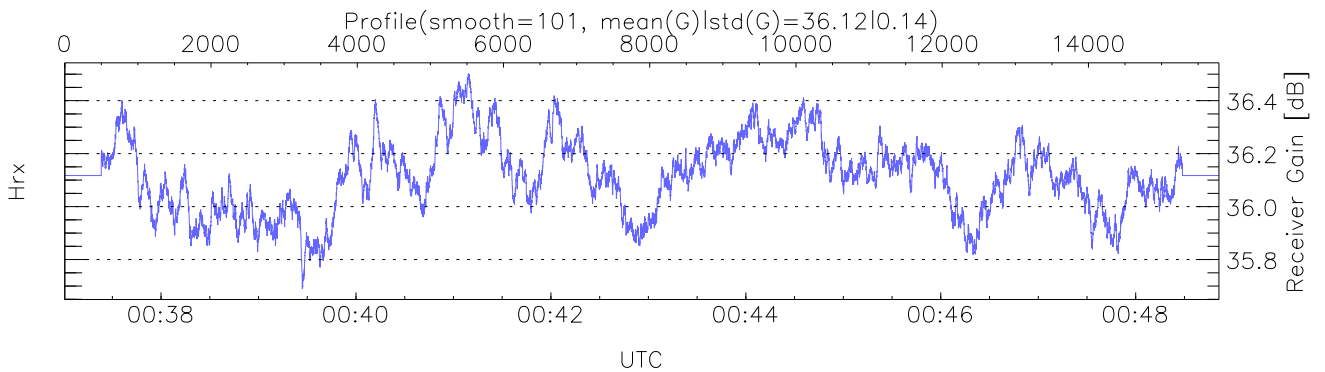
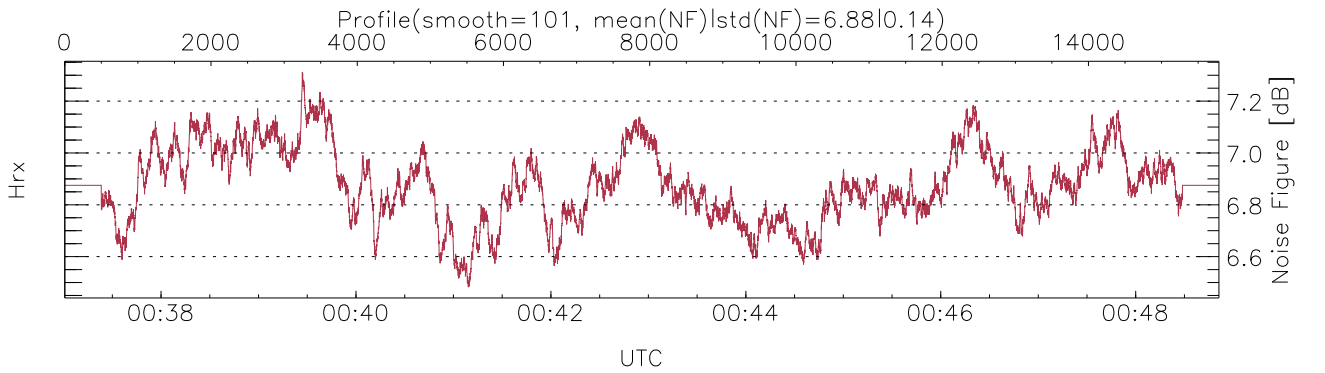
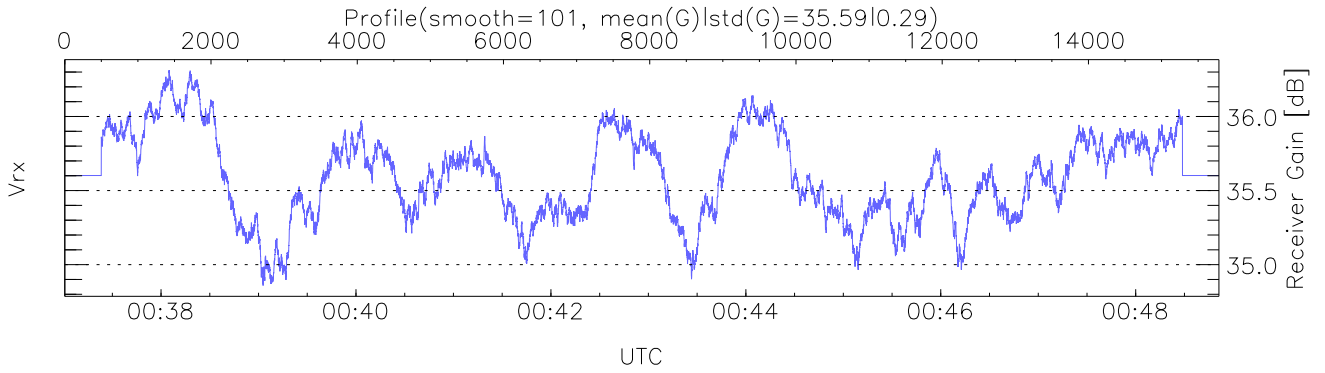
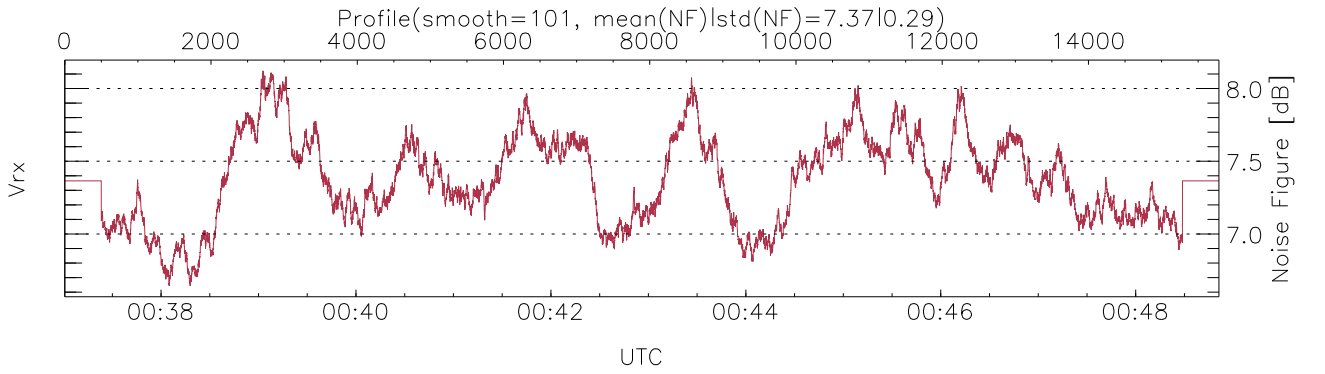
UTC: 00:37:01-00:48:51, TimeCor: 0.00s, Dur: 710.50s
 TimeFlg: 1, TFPstatus constant.
 TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
 NumRec(r/t): 15786/15786, 0-15785/00:37:01-00:48:51
 AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
 Pulse: 250ns, IFF: 4.0MHz, 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

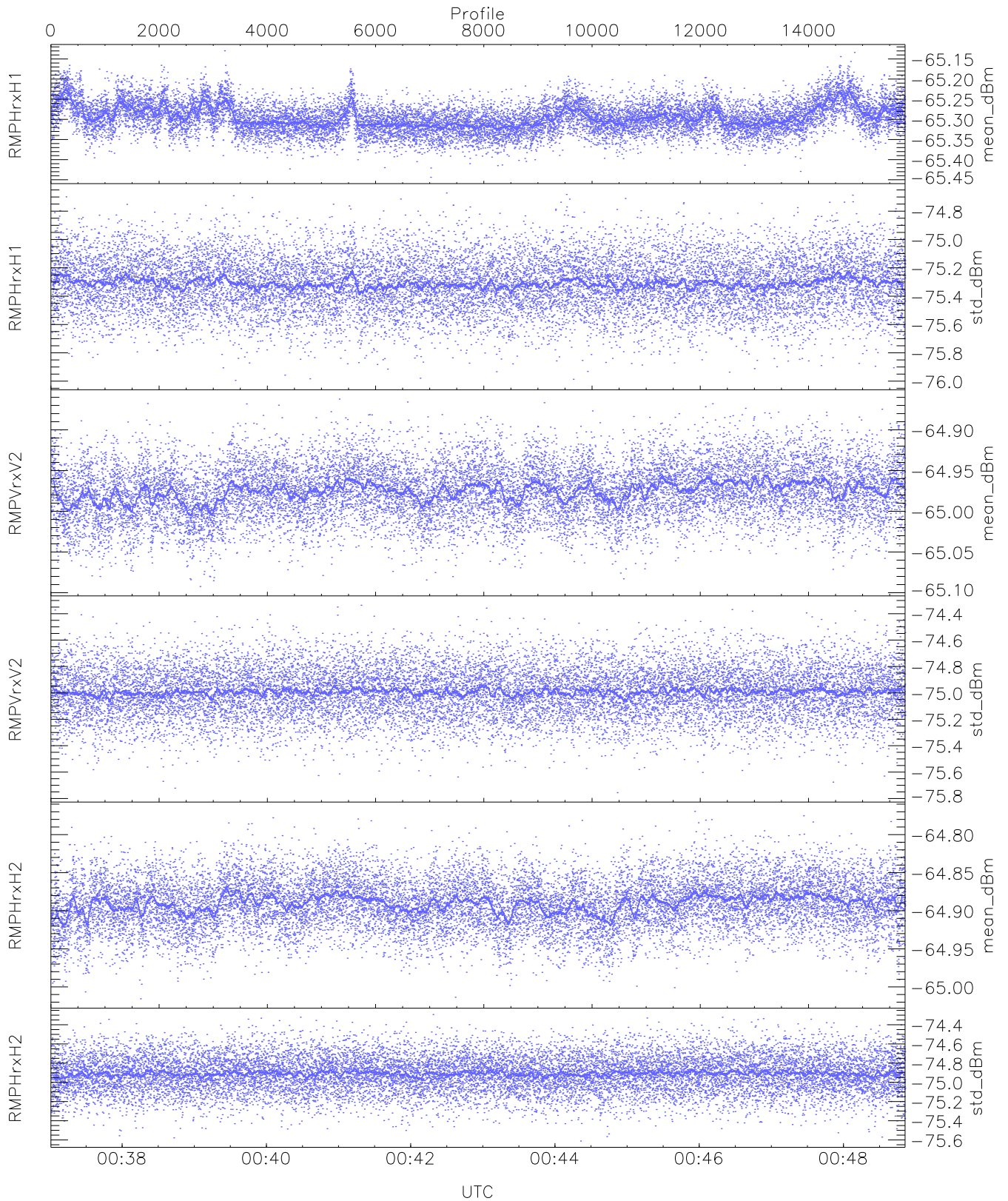
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,22,24,24,24
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,92,23,25,25,25
LOalarm(20,240,2817,14861 MHz): 0,0,24,0
EIK Faults(# prof affected):
  BodyCurr,DeckF,OverDuty (24,24,24)
    
```



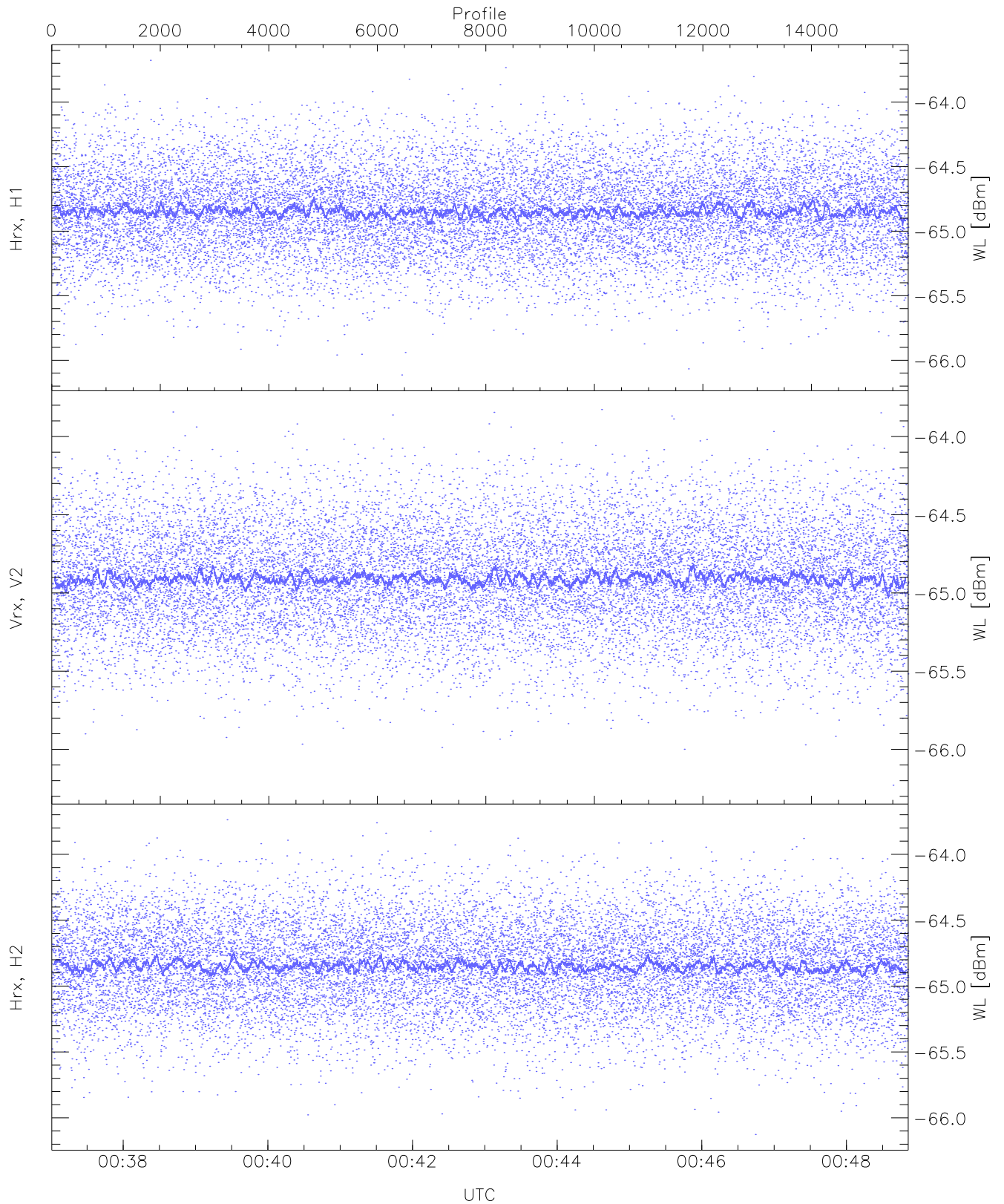
WCR3 CPP Receivers Gain and Noise Figure

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



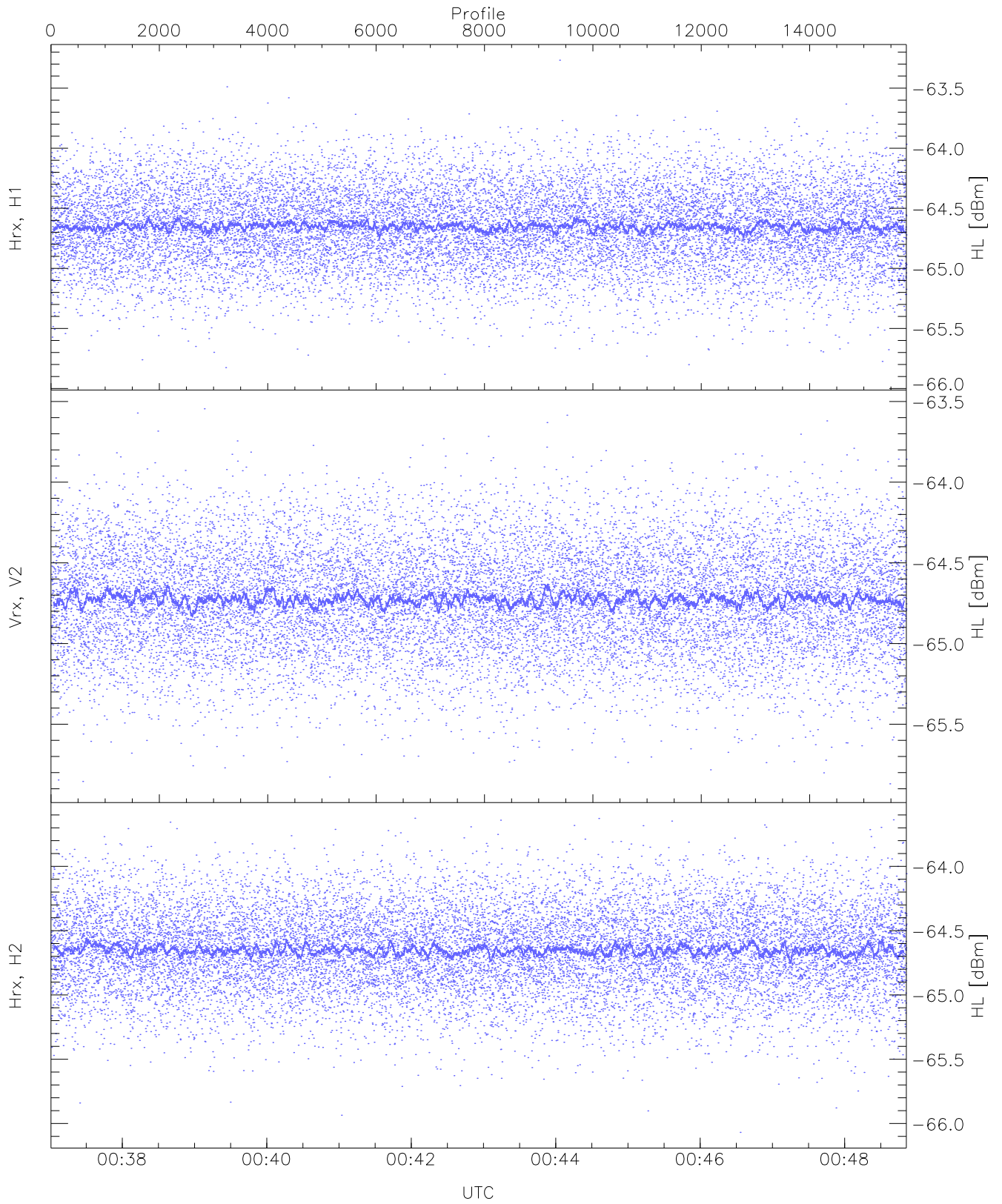
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.44	-65.13	-65.29	-65.30	-85.96
RMPHrxH1 (std_dBm)	-75.99	-74.67	-75.31	-75.31	-89.06
RMPVrxV2 (mean_dBm)	-65.09	-64.86	-64.98	-64.98	-86.29
RMPVrxV2 (std_dBm)	-75.76	-74.34	-74.99	-74.99	-88.81
RMPHrxH2 (mean_dBm)	-65.02	-64.77	-64.89	-64.89	-86.21
RMPHrxH2 (std_dBm)	-75.61	-74.29	-74.91	-74.91	-88.70



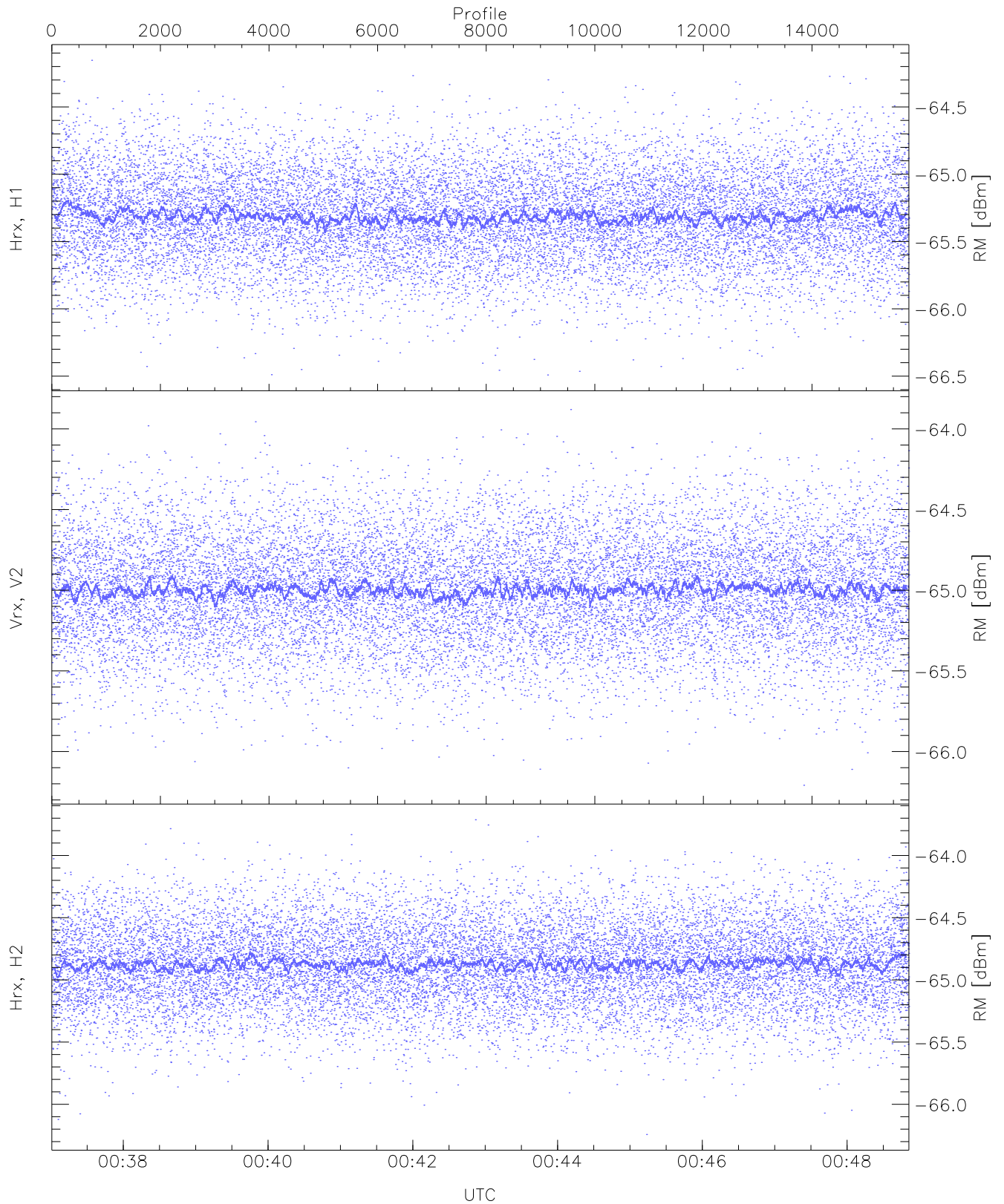
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.11	-63.68	-64.84	-64.85	-76.34
Vrx, V2 (WL [dBm])	-66.23	-63.83	-64.90	-64.91	-76.42
Hrx, H2 (WL [dBm])	-66.13	-63.74	-64.84	-64.85	-76.37



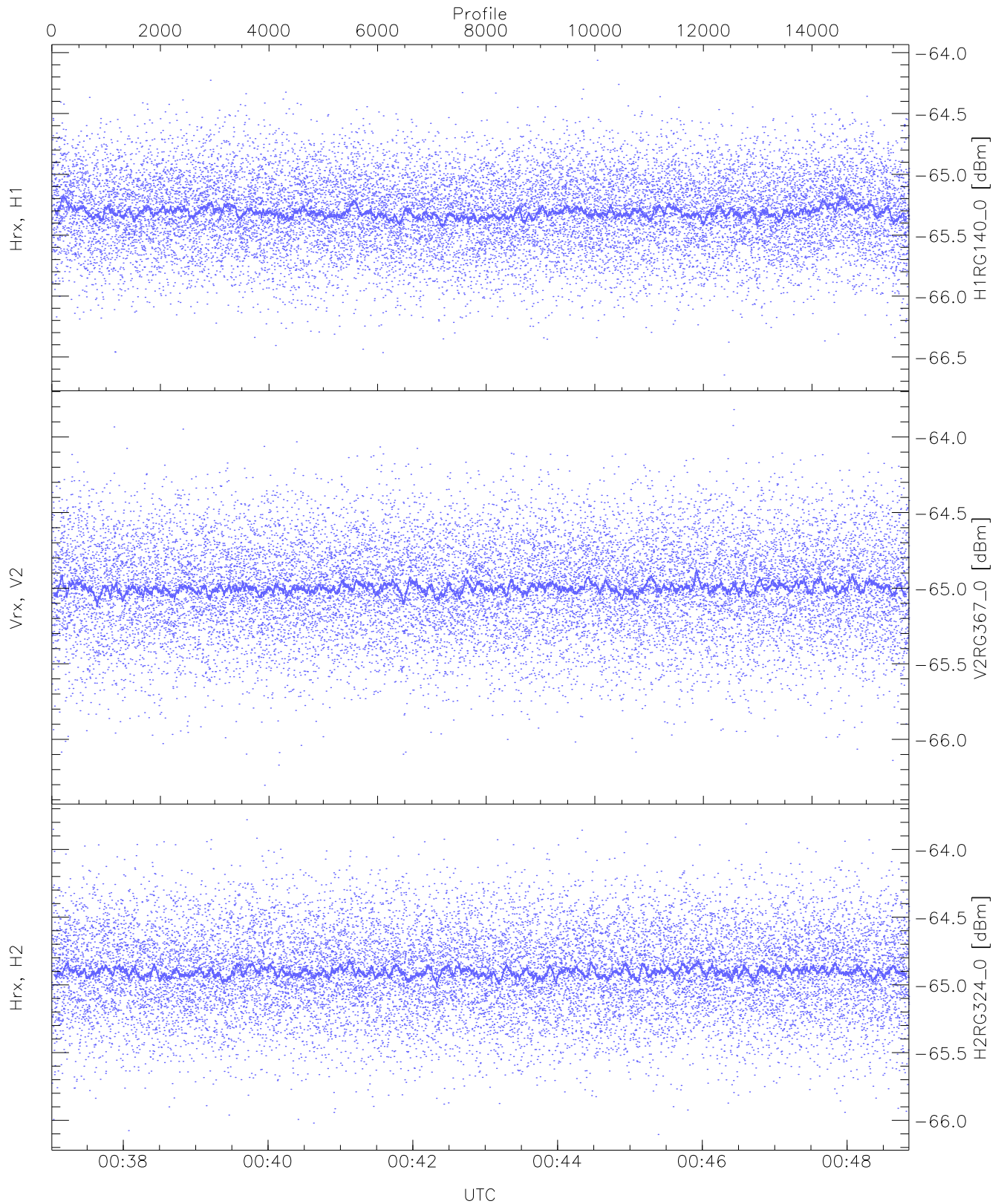
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.88	-63.27	-64.64	-64.65	-76.15
Vrx, V2 (HL [dBm])	-65.87	-63.55	-64.72	-64.73	-76.26
Hrx, H2 (HL [dBm])	-66.07	-63.63	-64.64	-64.65	-76.21



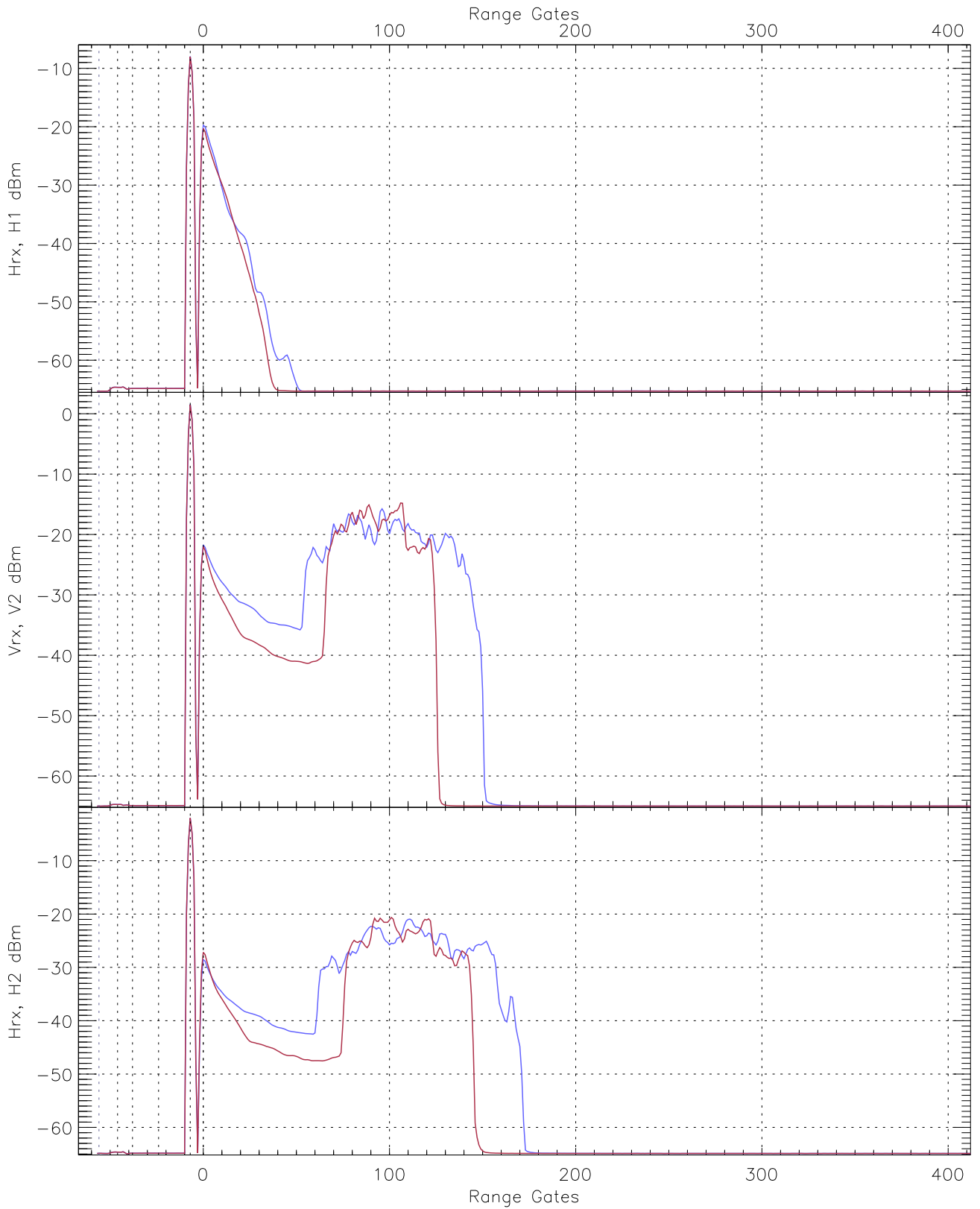
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.49	-64.15	-65.30	-65.32	-76.74
Vrx, V2 (RM [dBm])	-66.21	-63.88	-64.99	-65.00	-76.51
Hrx, H2 (RM [dBm])	-66.24	-63.71	-64.87	-64.87	-76.39

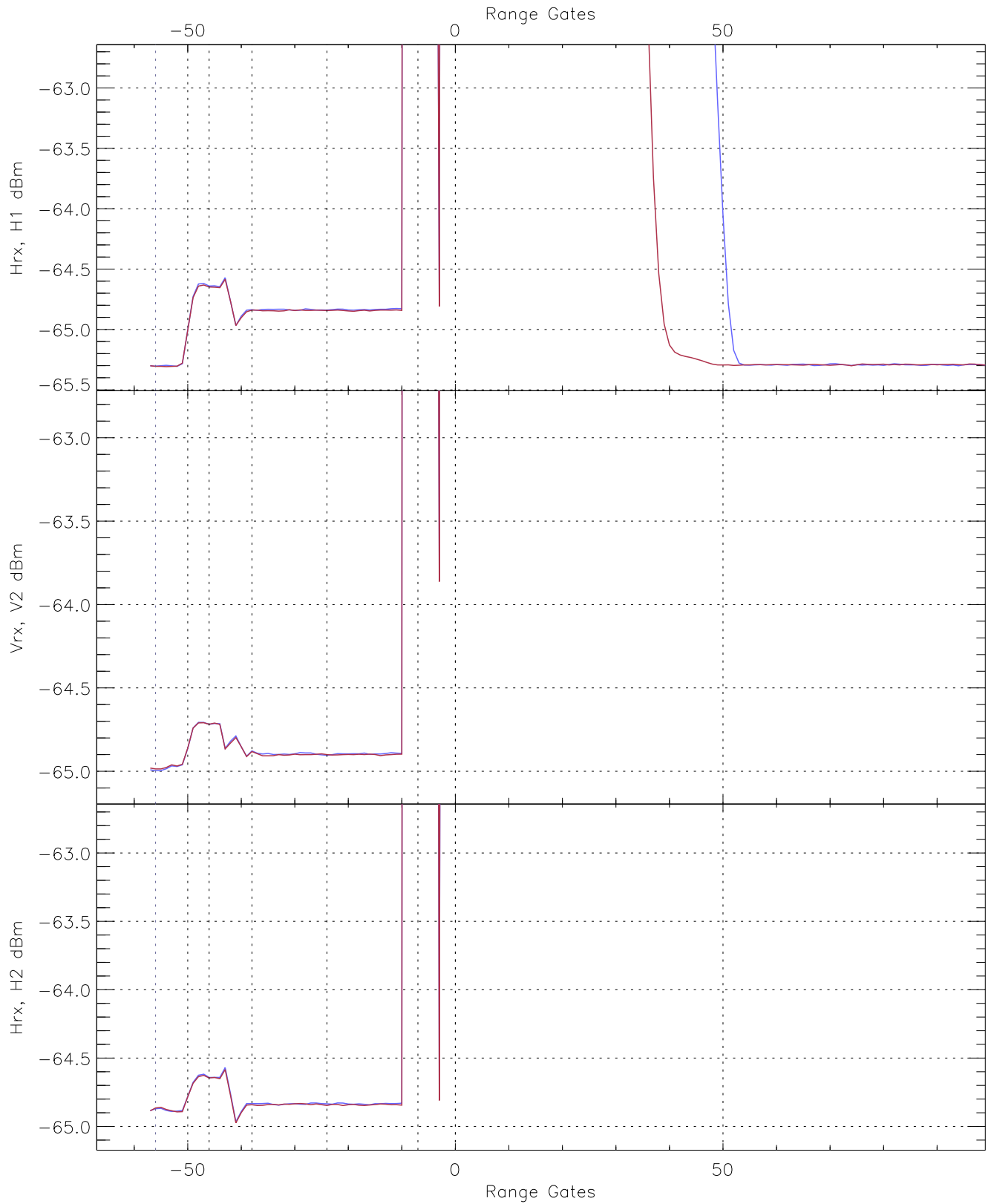


WCR3 CPP "Best" estimate Receivers Noise Power

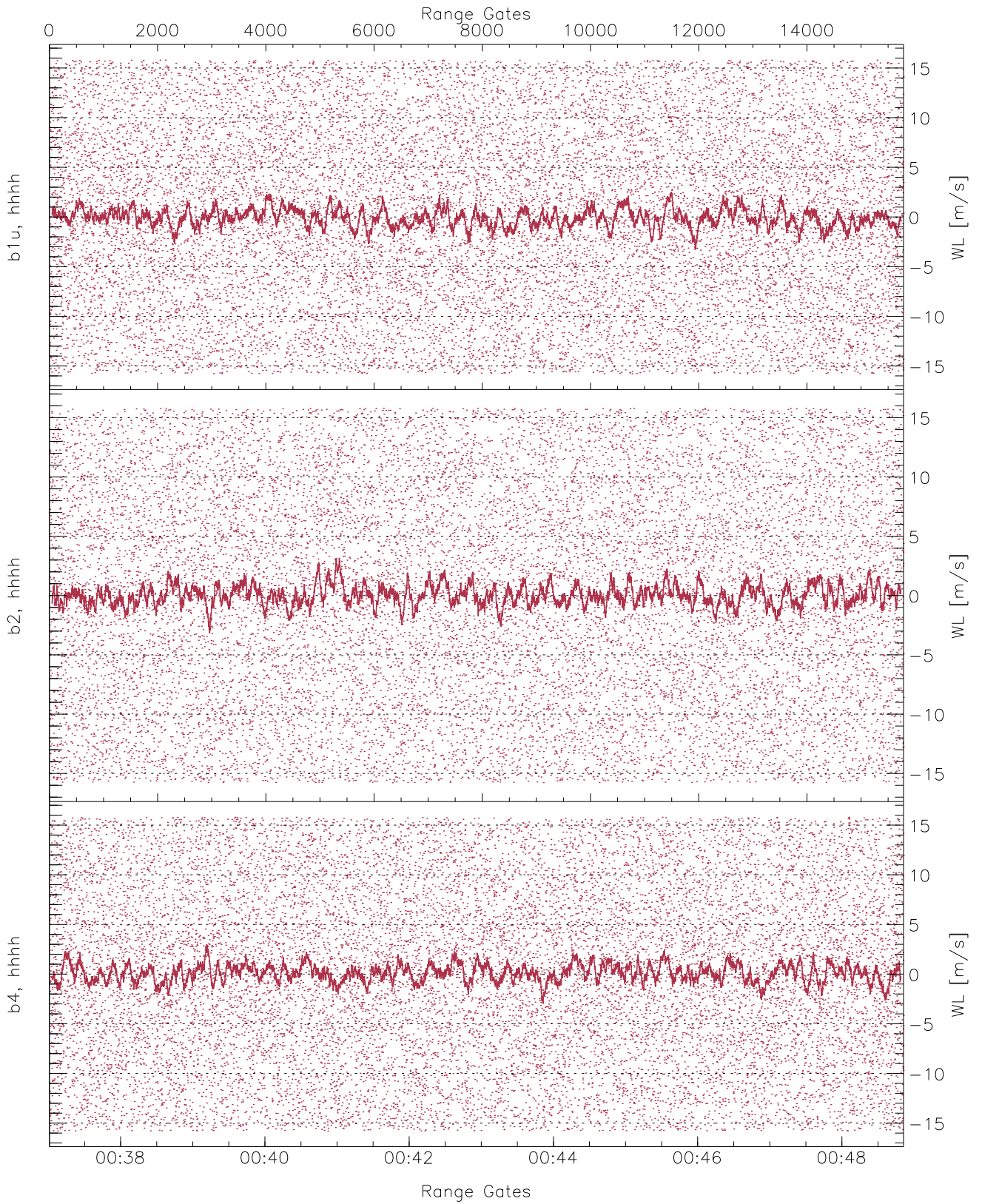
	Min	Max	Mean	Median	StDev
H1RG140_0 [dBm]	-66.65	-64.06	-65.30	-65.31	-76.77
V2RG367_0 [dBm]	-66.30	-63.82	-64.99	-65.00	-76.54
H2RG324_0 [dBm]	-66.10	-63.78	-64.90	-64.91	-76.36



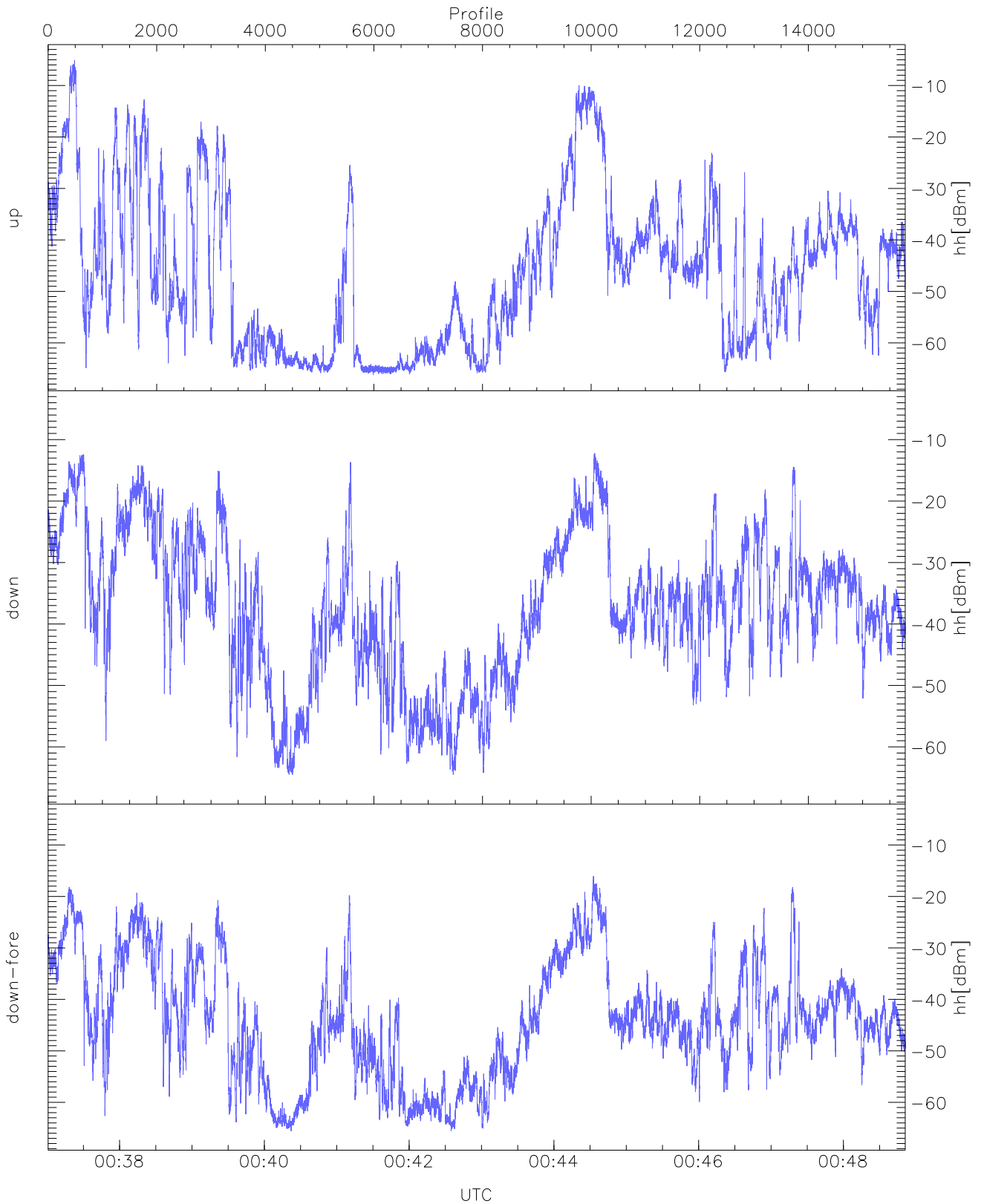
WCR3 CPP Averaged Received power for all recorded gates
blue: 003701-004256, 7894 profiles averaged
red: 004256-004851, 7893 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 003701-004256, 7894 profiles averaged
red: 004256-004851, 7893 profiles averaged

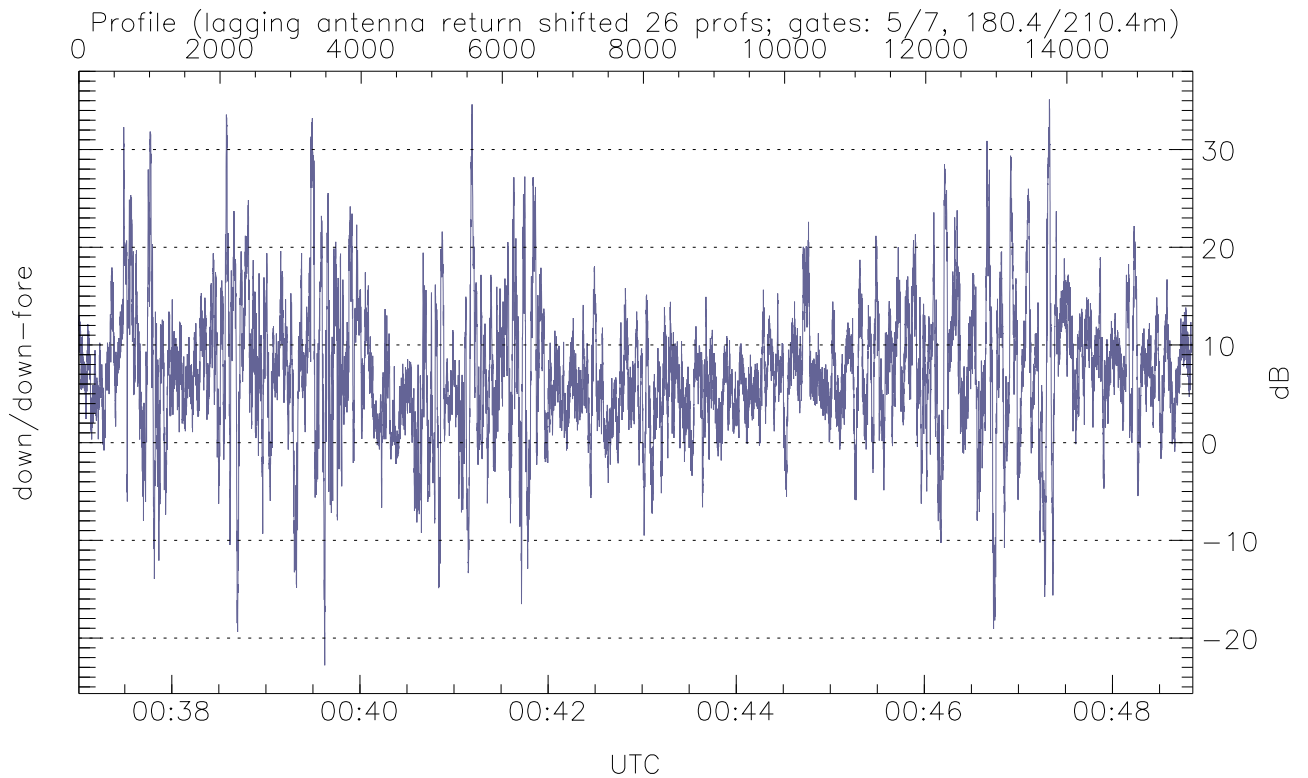
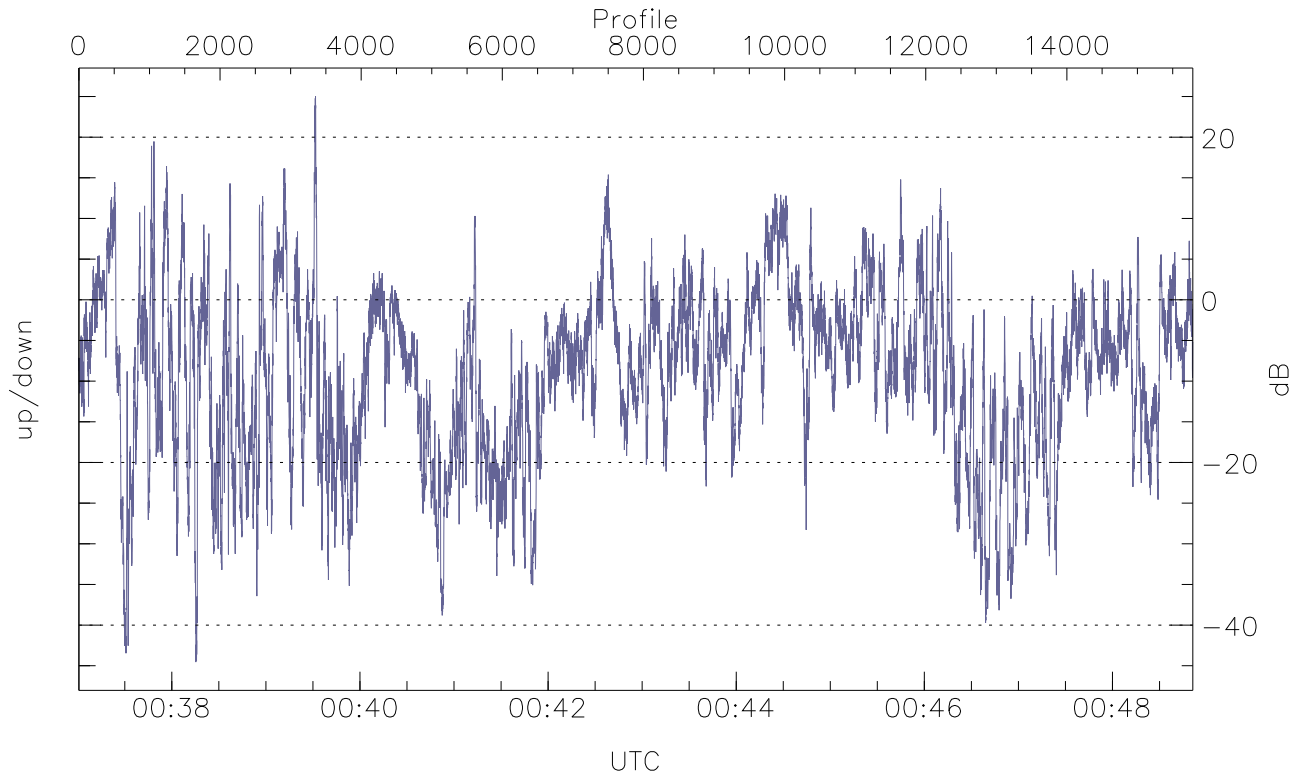


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



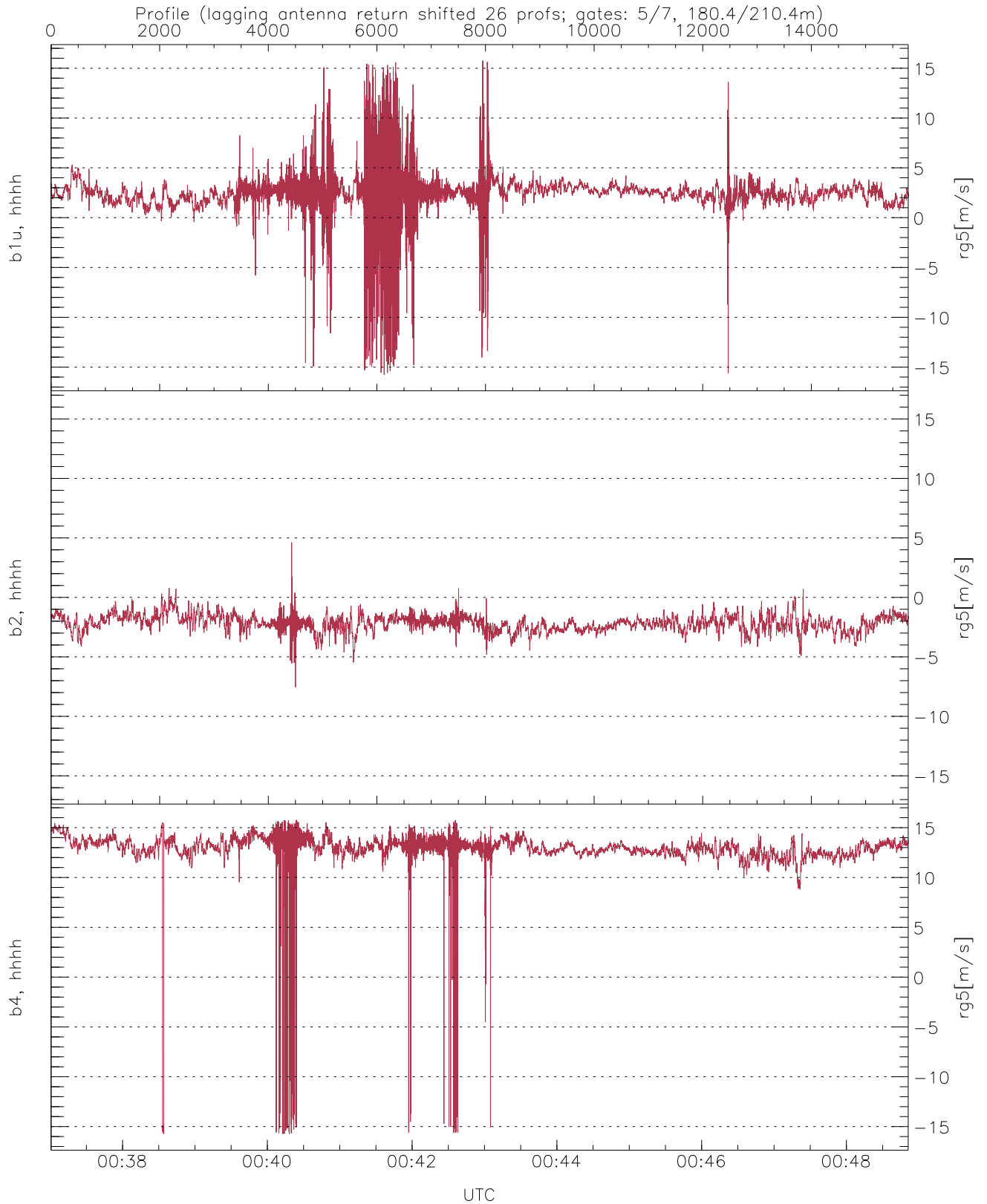
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.24	-5.10	-24.80
down(hh[dBm])	-64.53	-12.21	-26.21
down-fore(hh[dBm])	-65.61	-16.05	-32.26



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

	Min	Max	Mean
up/down (dB)	-44.55	25.02	-8.94
down/down-fore (dB)	-22.79	35.12	7.20



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.75	15.76	2.37	1.97
b2, hhhh(rg5[m/s])	-7.55	4.62	-2.17	0.69
b4, hhhh(rg5[m/s])	-15.77	15.79	12.83	2.34