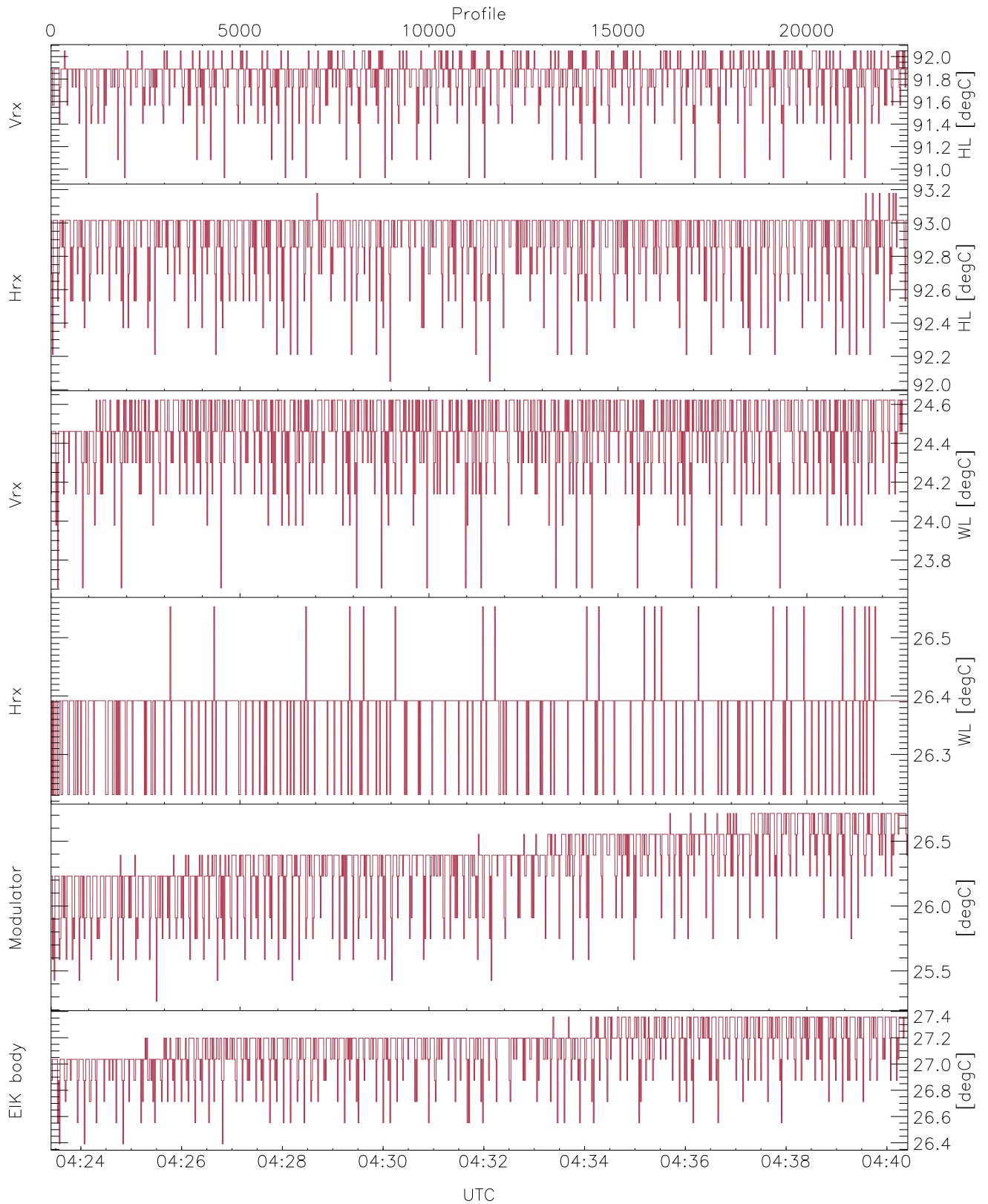


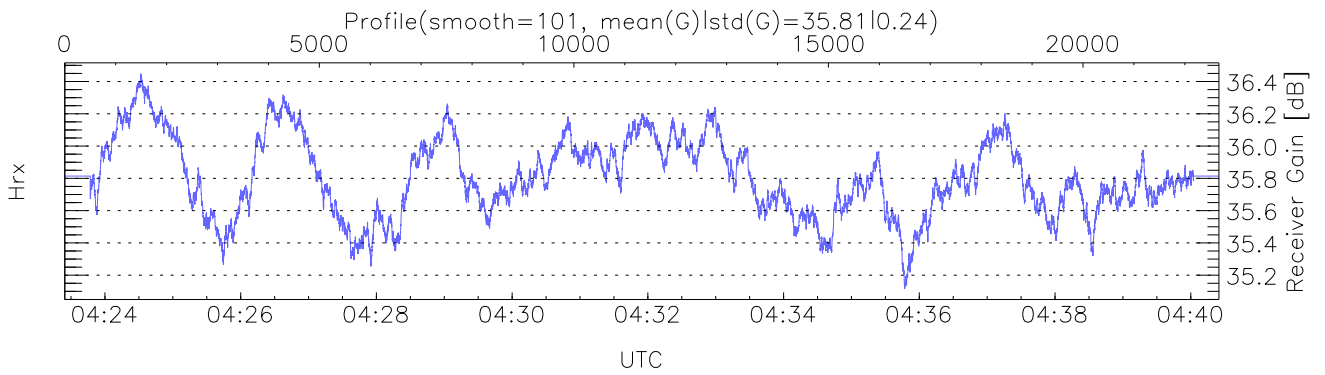
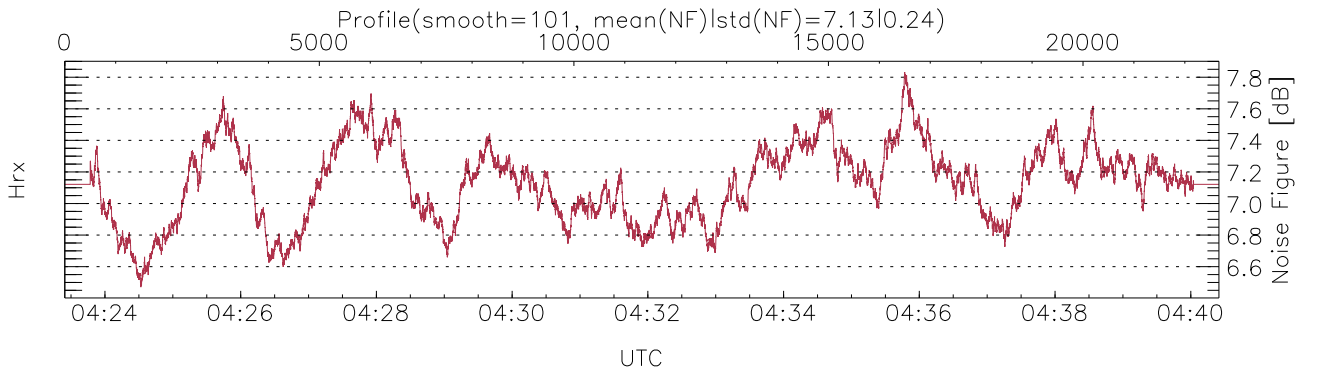
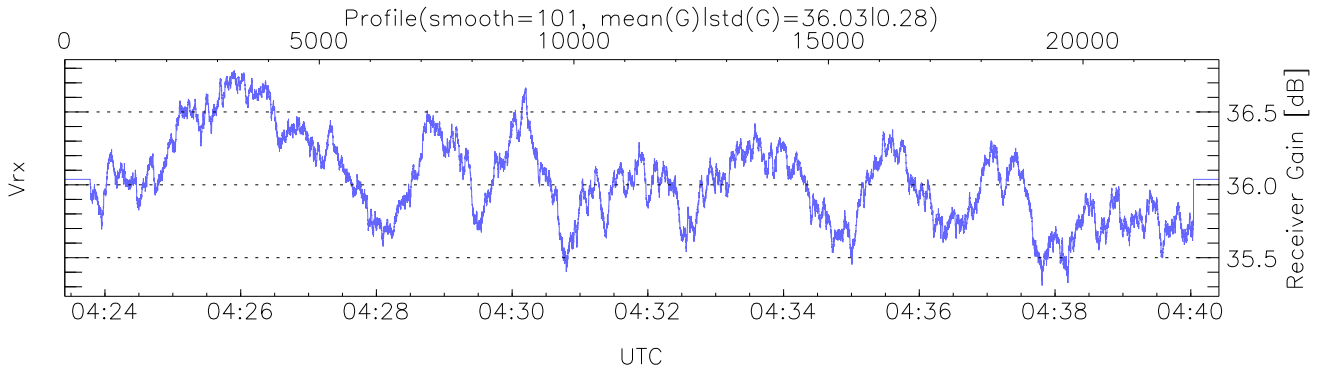
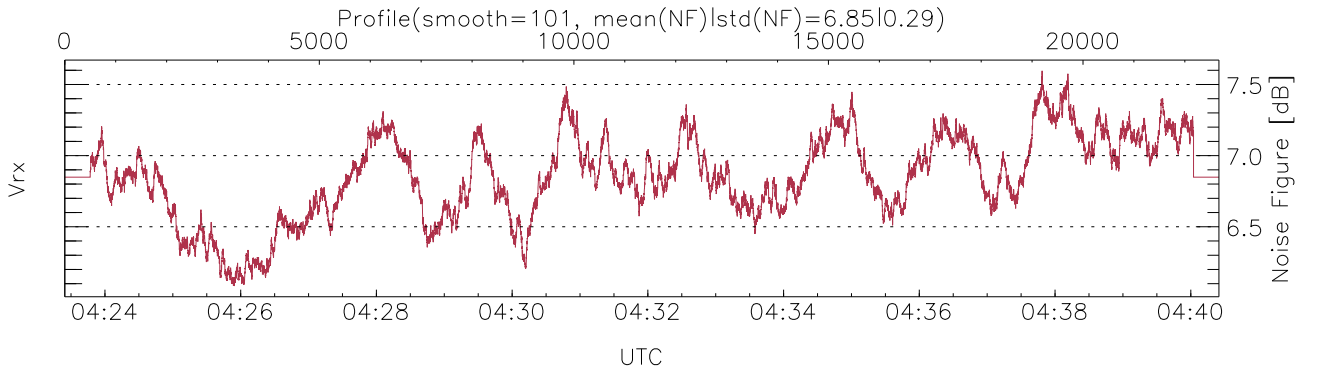
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 04:23:24-04:40:25, TimeCor: 0.00s, Dur: 1020.45s
 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): 22672/22672, 0-22671/04:23:24-04:40:25
 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



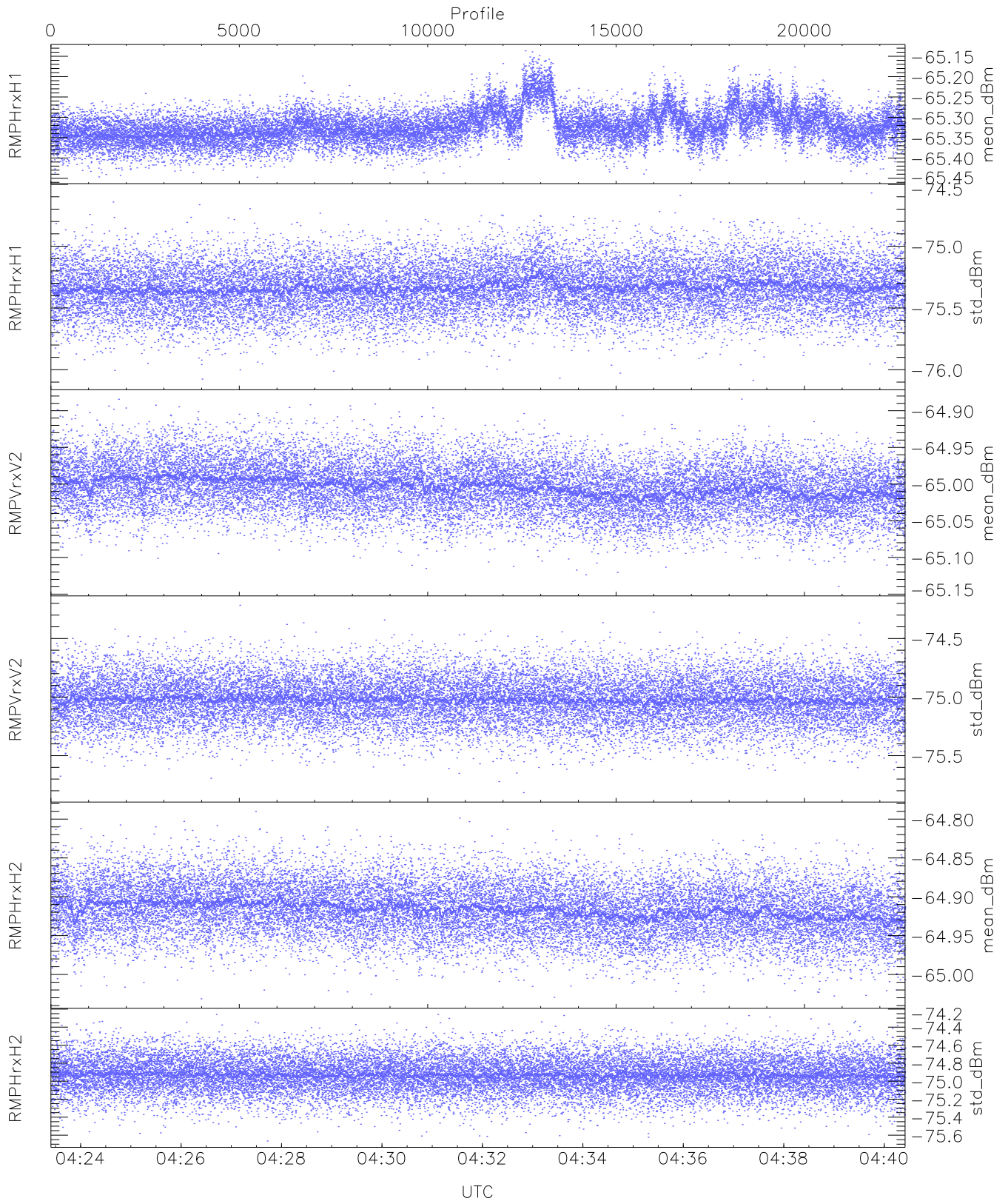
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,23,26,25,26`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,26,26,27`
`LOalarm(20,240,2817,14861 MHz): 0,0,46,0`
`EIK/Modulator Faults: None`



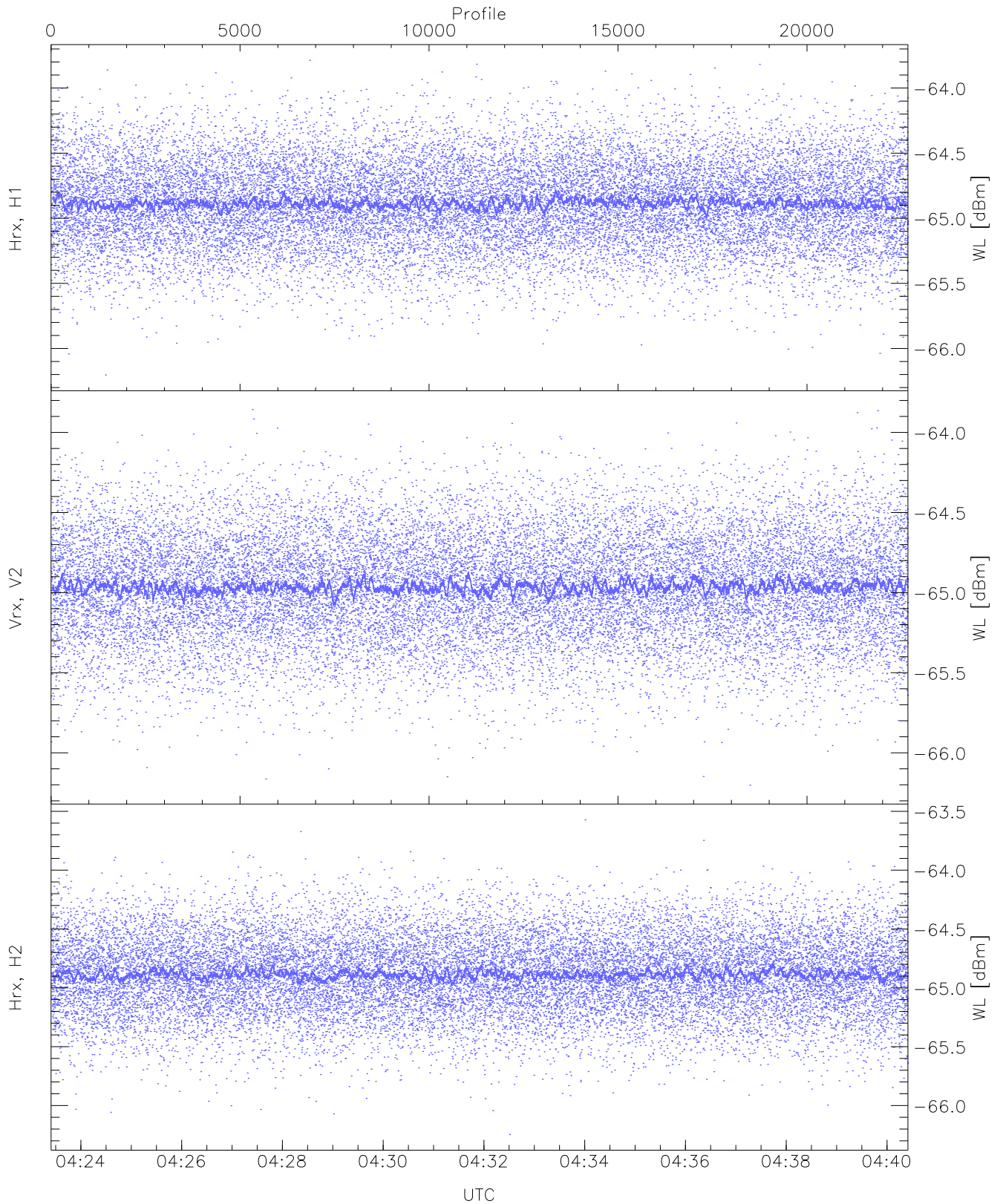
WCR3 CPP Receivers Gain and Noise Figure

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



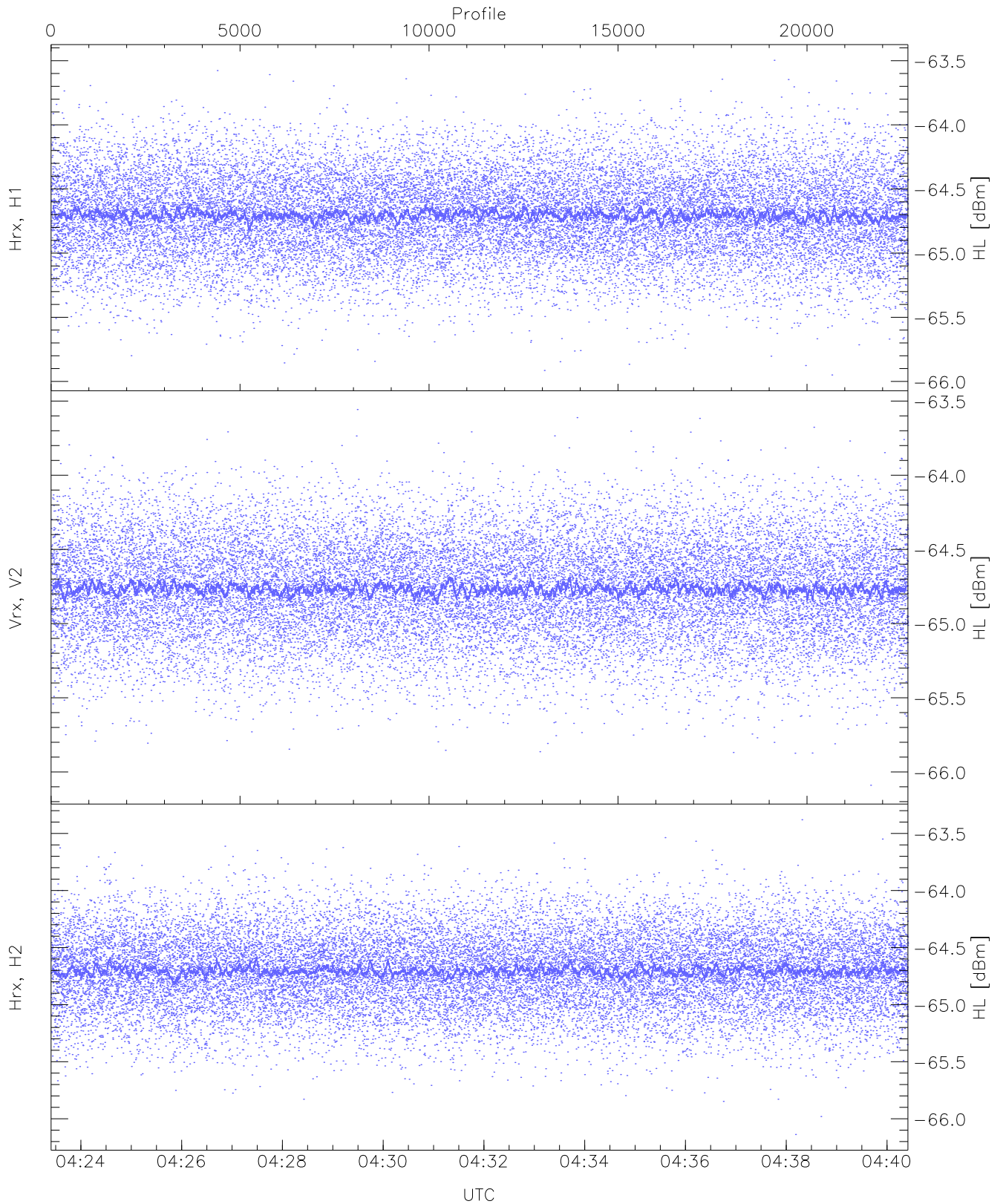
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.45	-65.14	-65.32	-65.32	-85.57
RMPHrxH1 (std_dBm)	-76.09	-74.57	-75.33	-75.34	-89.11
RMPVrxV2 (mean_dBm)	-65.14	-64.88	-65.00	-65.00	-86.38
RMPVrxV2 (std_dBm)	-75.82	-74.22	-75.02	-75.02	-88.80
RMPHrxH2 (mean_dBm)	-65.03	-64.79	-64.92	-64.92	-86.37
RMPHrxH2 (std_dBm)	-75.66	-74.26	-74.93	-74.93	-88.74



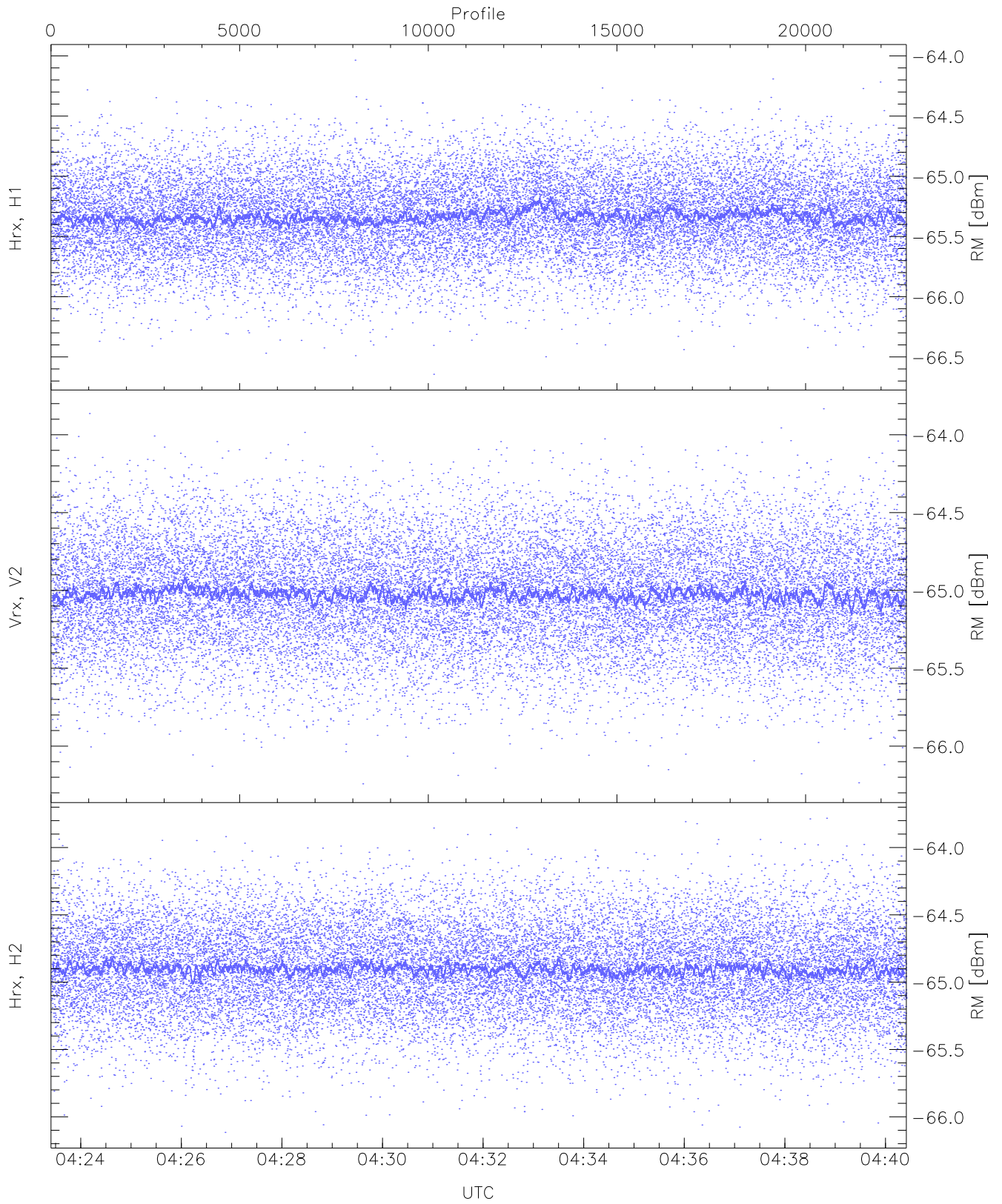
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.20	-63.79	-64.88	-64.89	-76.39
Vrx, V2 (WL [dBm])	-66.20	-63.86	-64.96	-64.96	-76.48
Hrx, H2 (WL [dBm])	-66.25	-63.57	-64.88	-64.89	-76.38



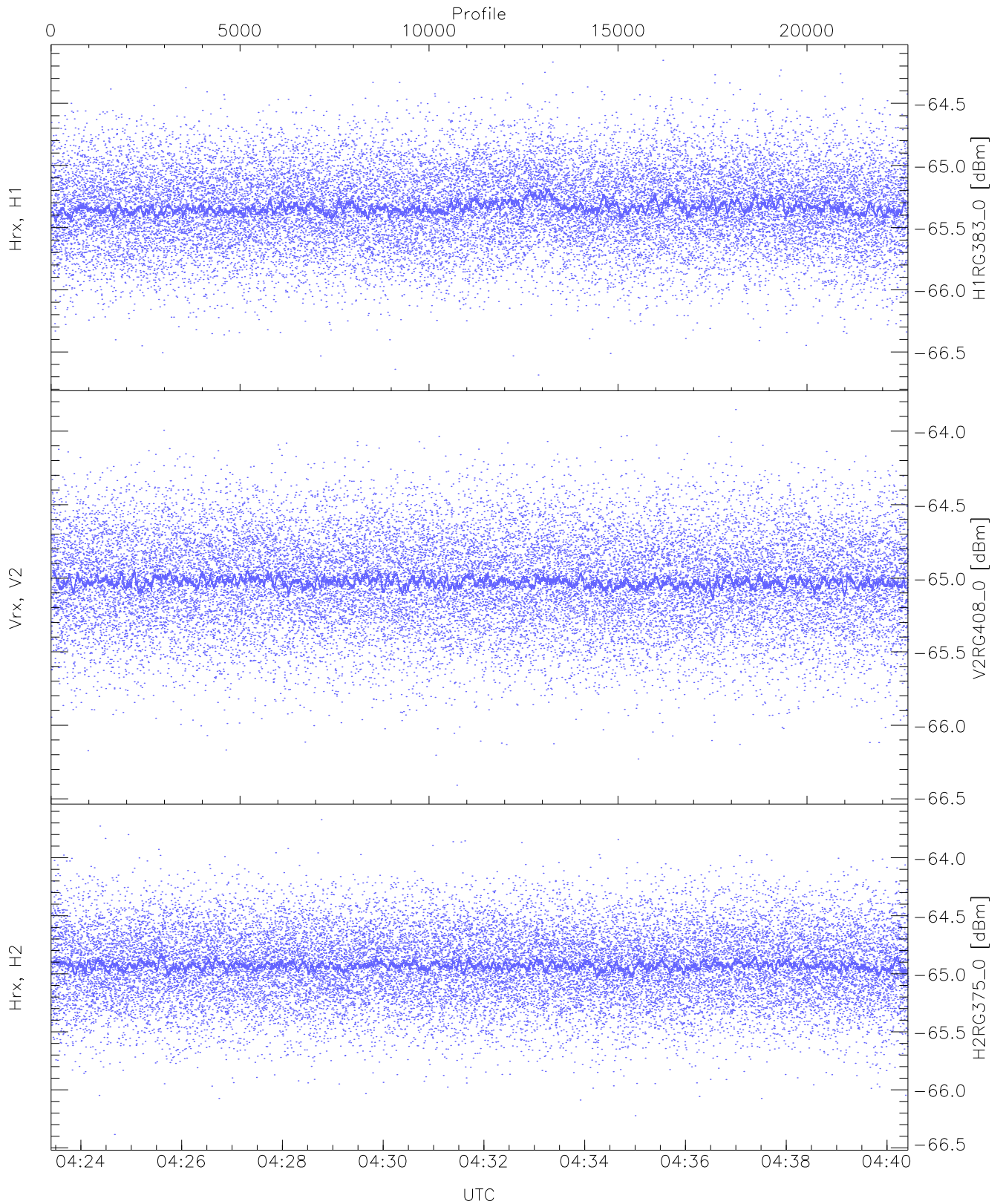
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.95	-63.50	-64.70	-64.70	-76.22
Vrx, V2 (HL [dBm])	-66.09	-63.56	-64.76	-64.77	-76.28
Hrx, H2 (HL [dBm])	-66.14	-63.38	-64.70	-64.70	-76.16



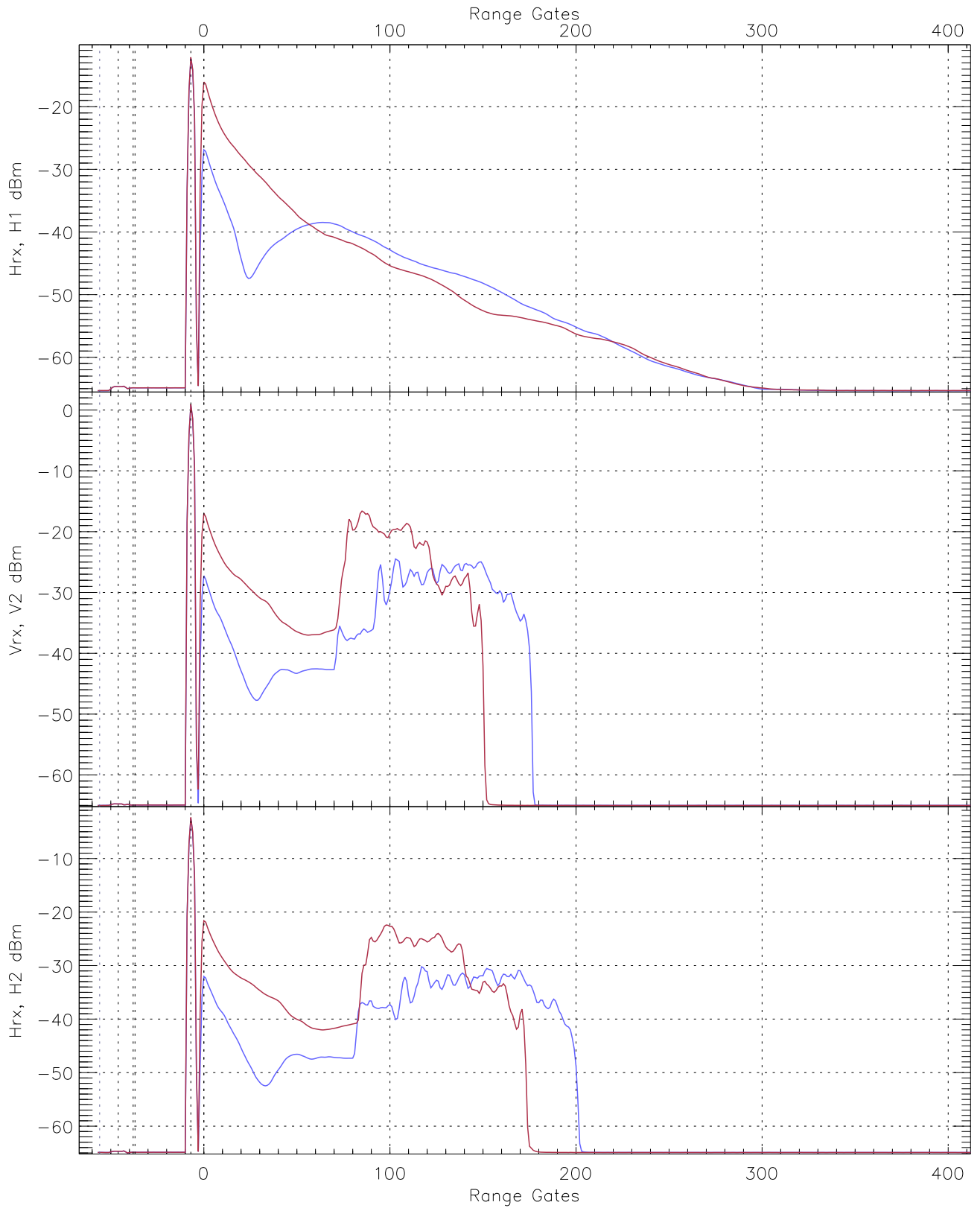
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.64	-64.04	-65.33	-65.34	-76.80
Vrx, V2 (RM [dBm])	-66.24	-63.83	-65.02	-65.03	-76.49
Hrx, H2 (RM [dBm])	-66.12	-63.78	-64.90	-64.91	-76.43

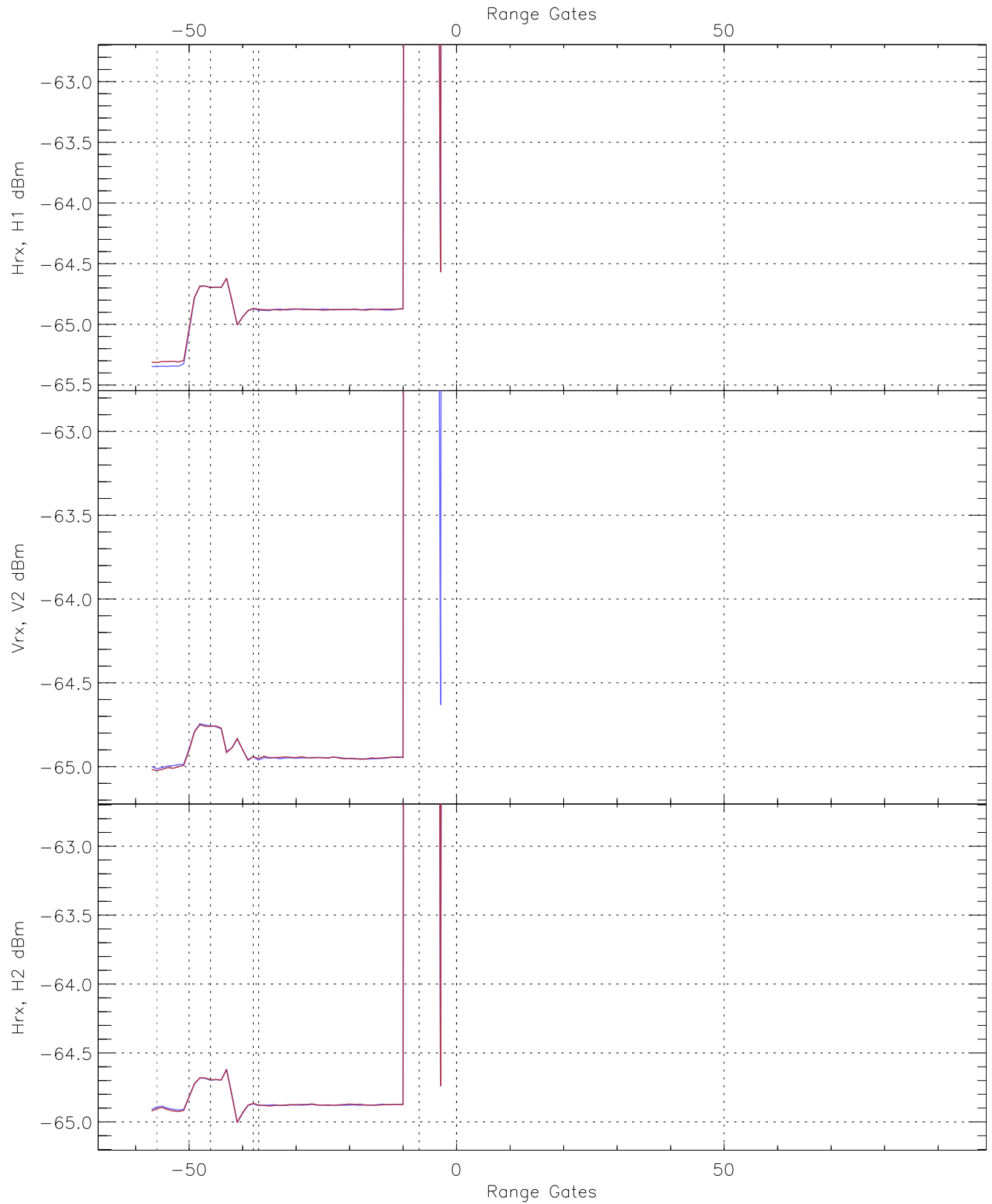


WCR3 CPP "Best" estimate Receivers Noise Power

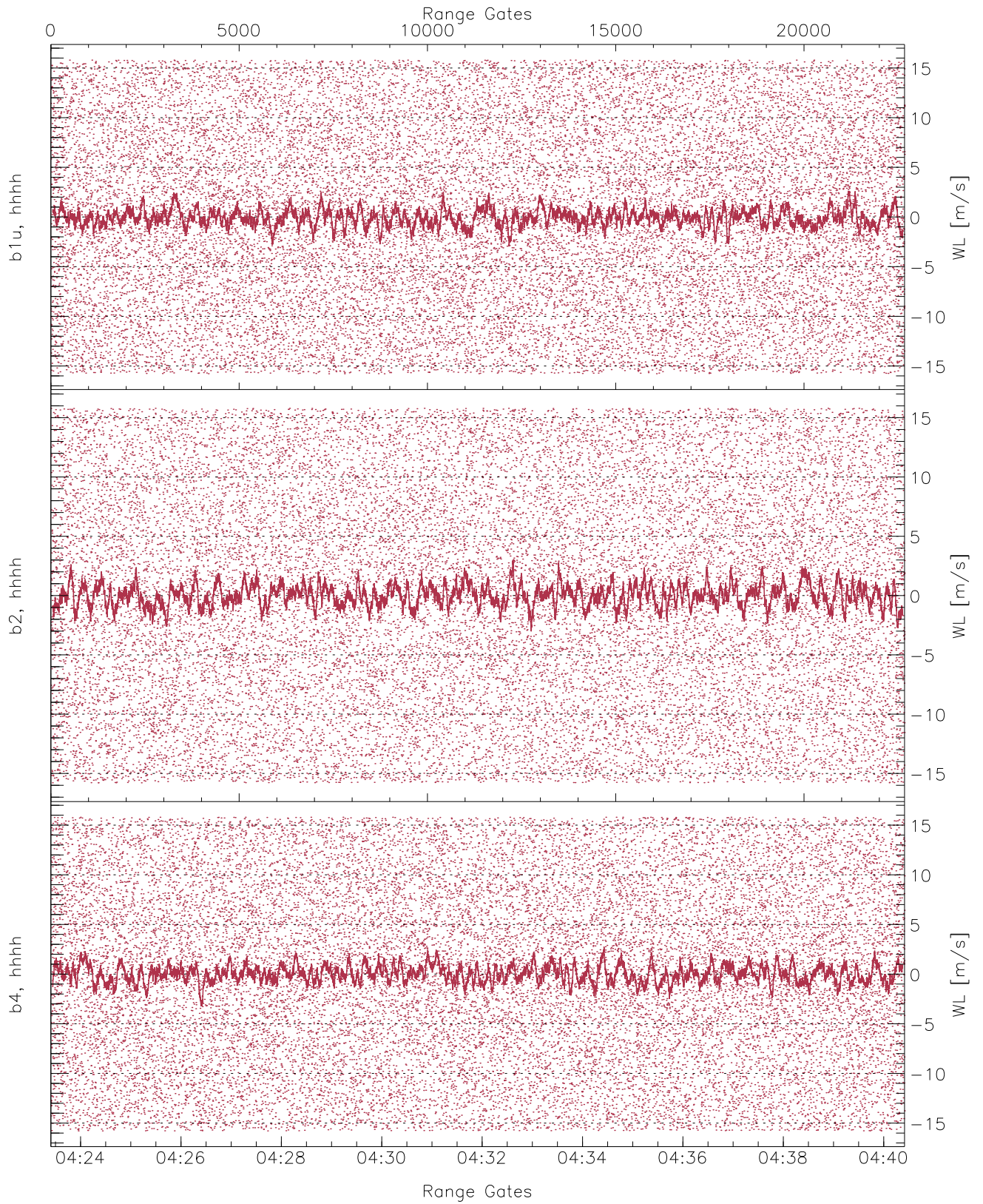
	Min	Max	Mean	Median	StDev
H1RG383_0 [dBm]	-66.69	-64.15	-65.33	-65.34	-76.82
V2RG408_0 [dBm]	-66.41	-63.85	-65.02	-65.02	-76.55
H2RG375_0 [dBm]	-66.38	-63.67	-64.92	-64.93	-76.41



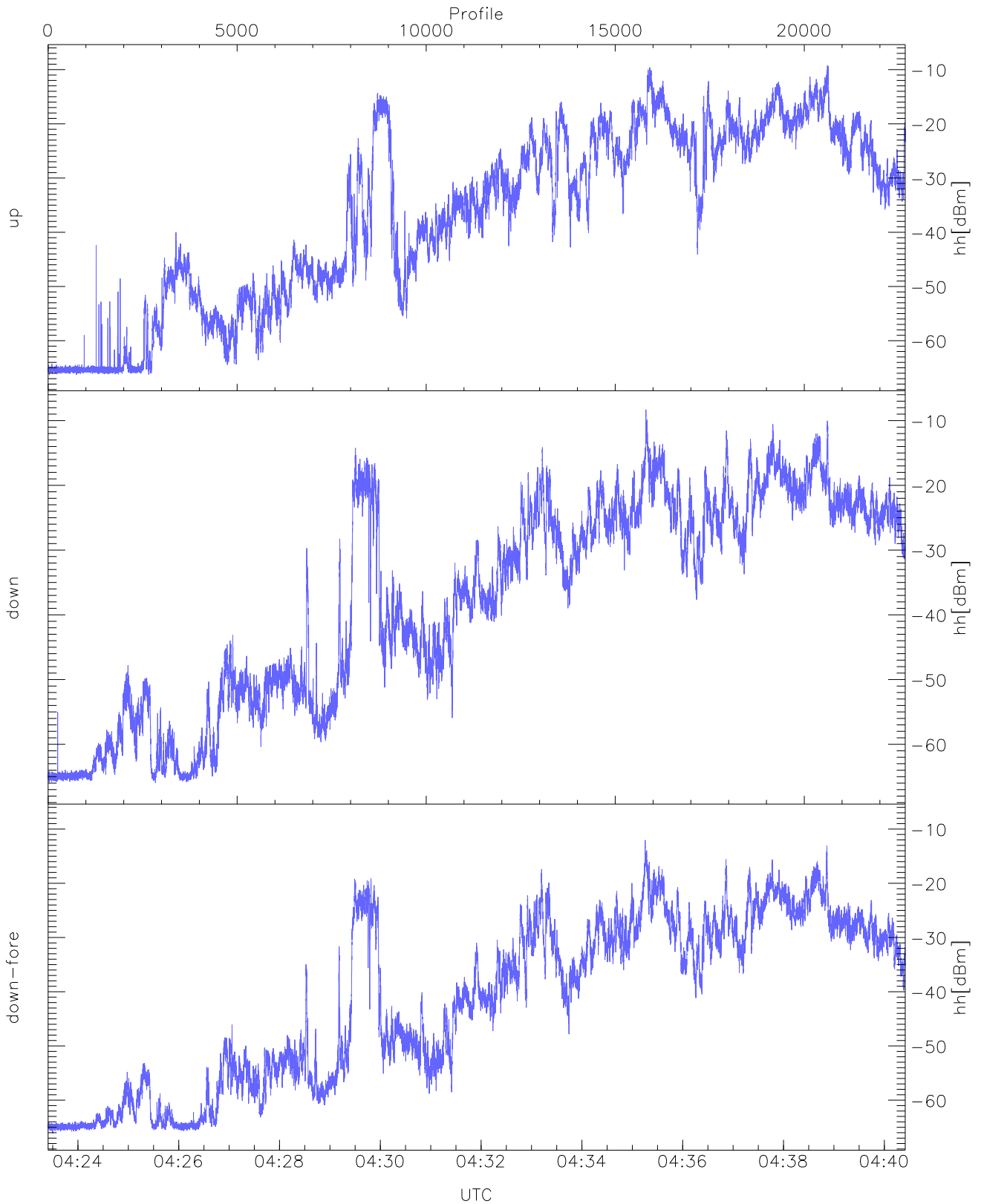
WCR3 CPP Averaged Received power for all recorded gates
blue: 042324-043155, 11337 profiles averaged
red: 043155-044025, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 042324-043155, 11337 profiles averaged
red: 043155-044025, 11336 profiles averaged

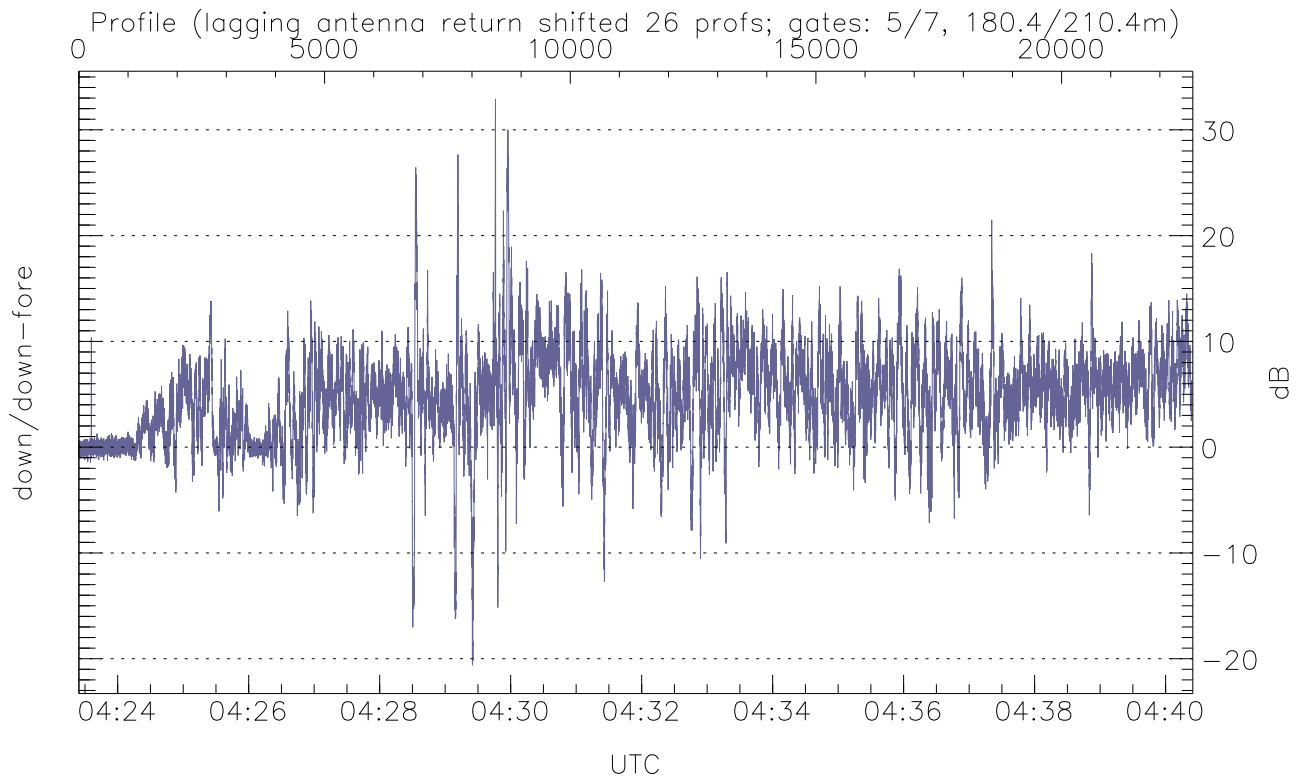
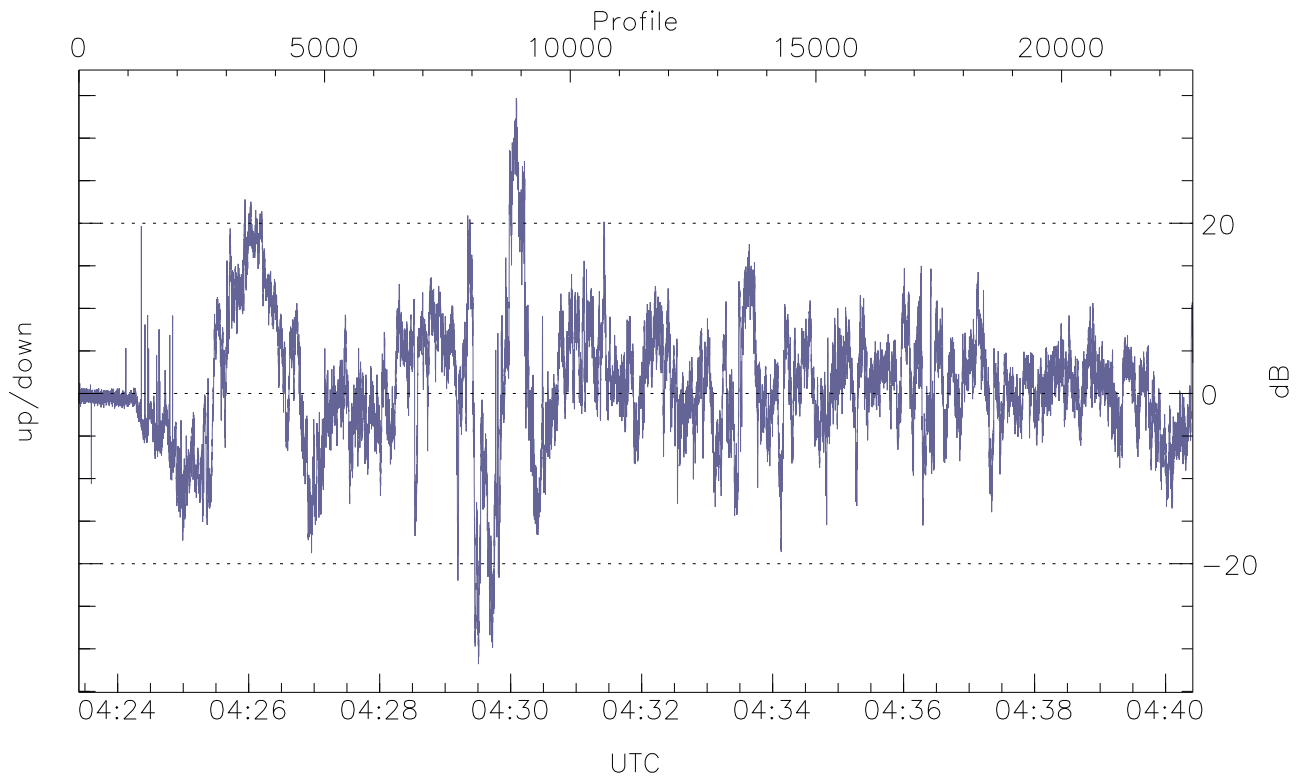


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



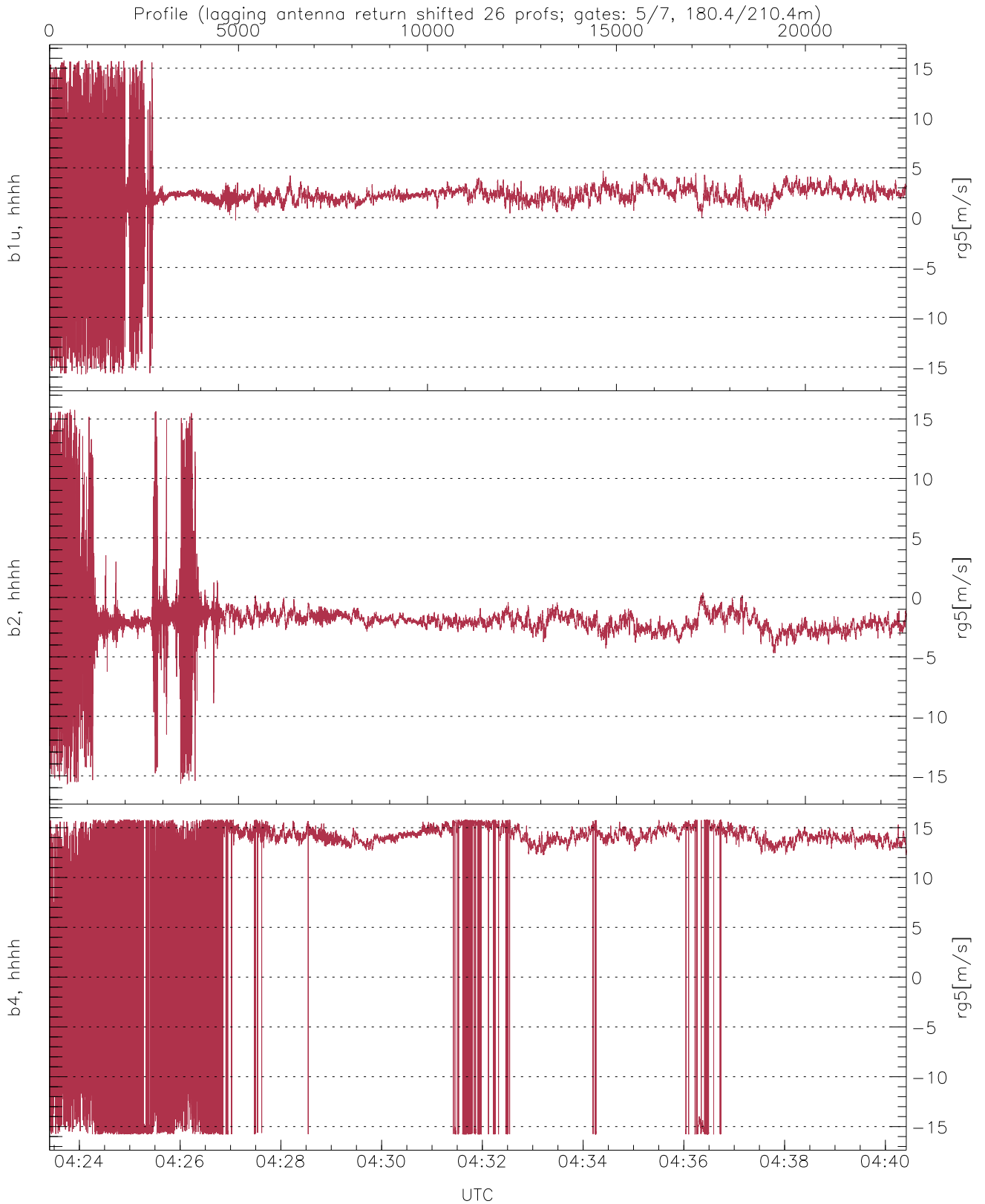
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.33	-9.27	-22.99
down(hh[dBm])	-65.93	-8.29	-23.96
down-fore(hh[dBm])	-66.11	-12.04	-28.04



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

	Min	Max	Mean
up/down (dB)	-31.79	34.68	0.83
down/down-fore (dB)	-20.62	32.87	4.79



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.73	15.79	2.08	2.95
b2, hhhh(rg5[m/s])	-15.70	15.79	-1.91	2.18
b4, hhhh(rg5[m/s])	-15.79	15.79	10.30	9.52