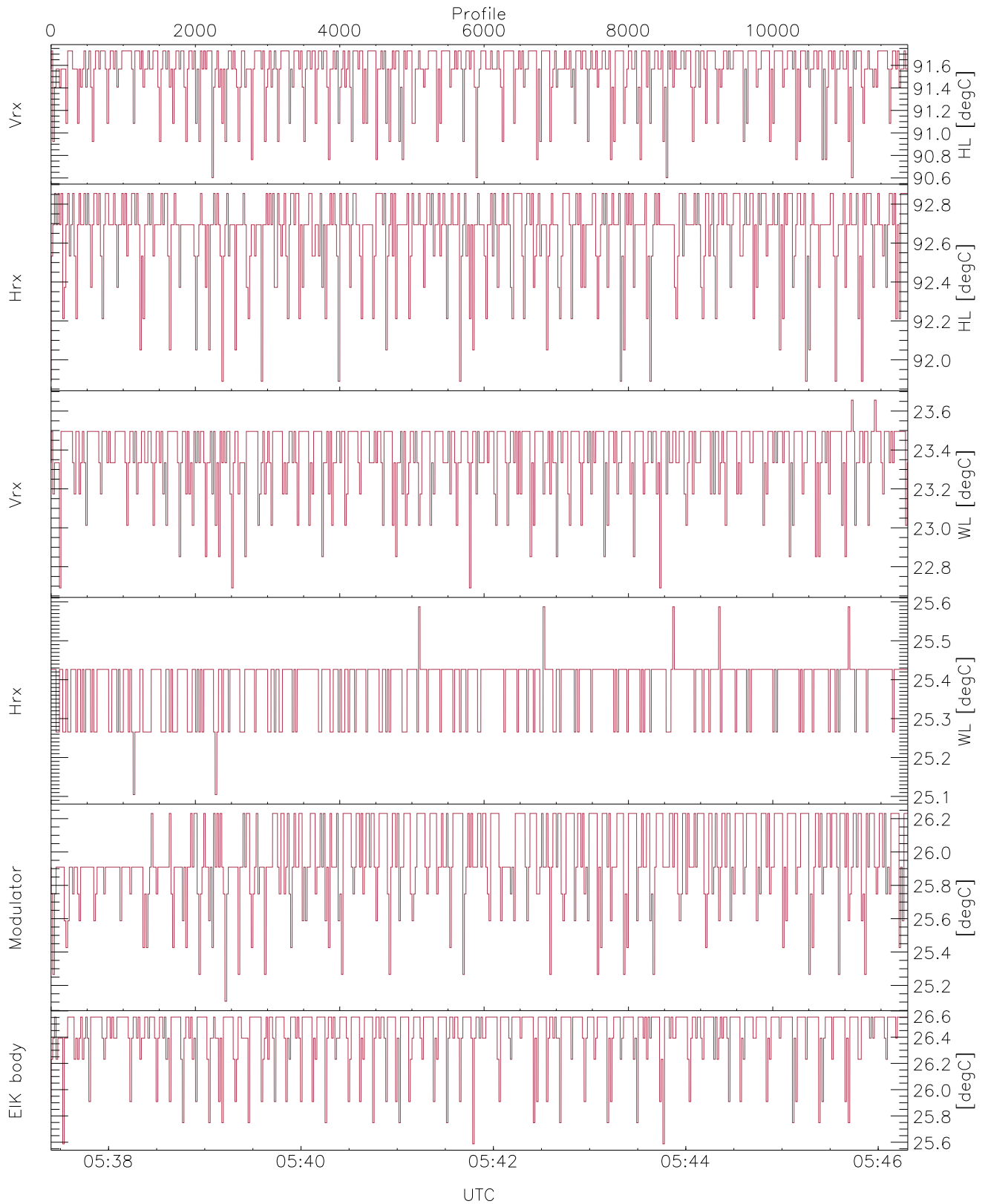


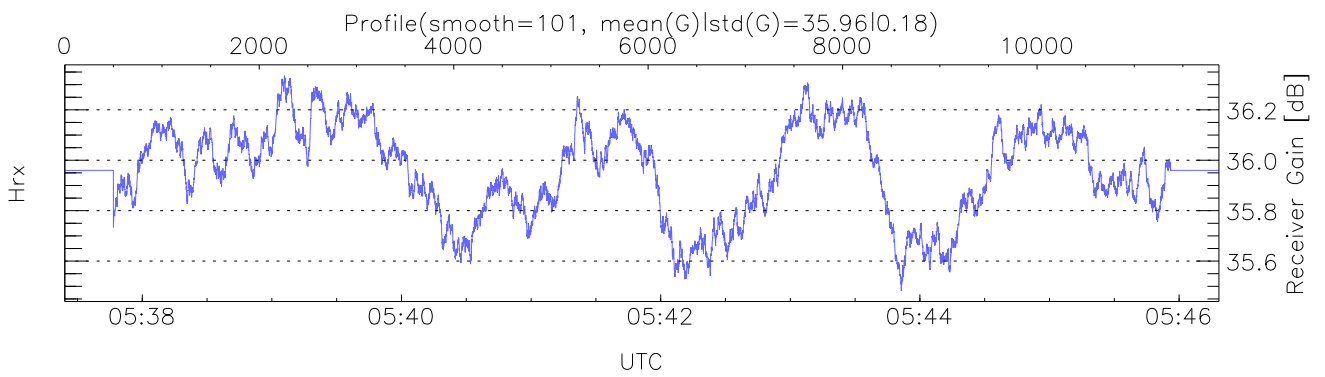
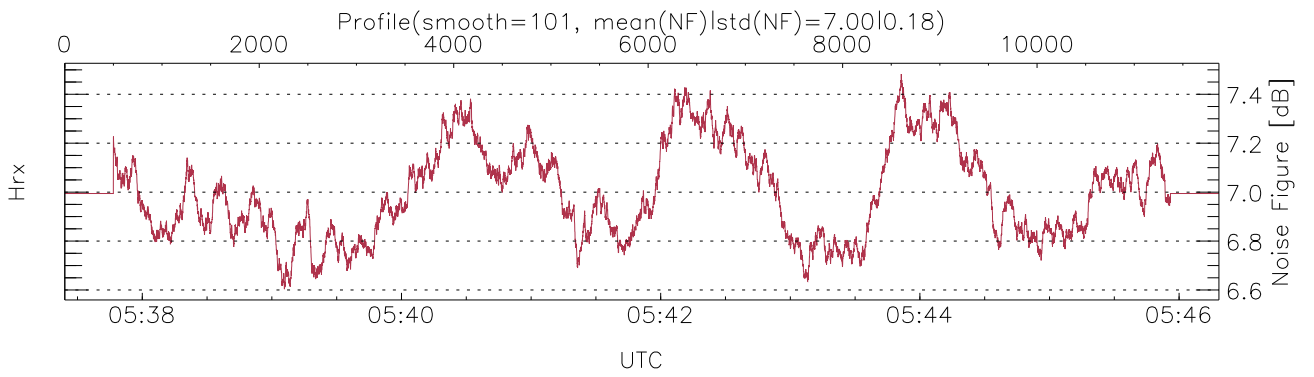
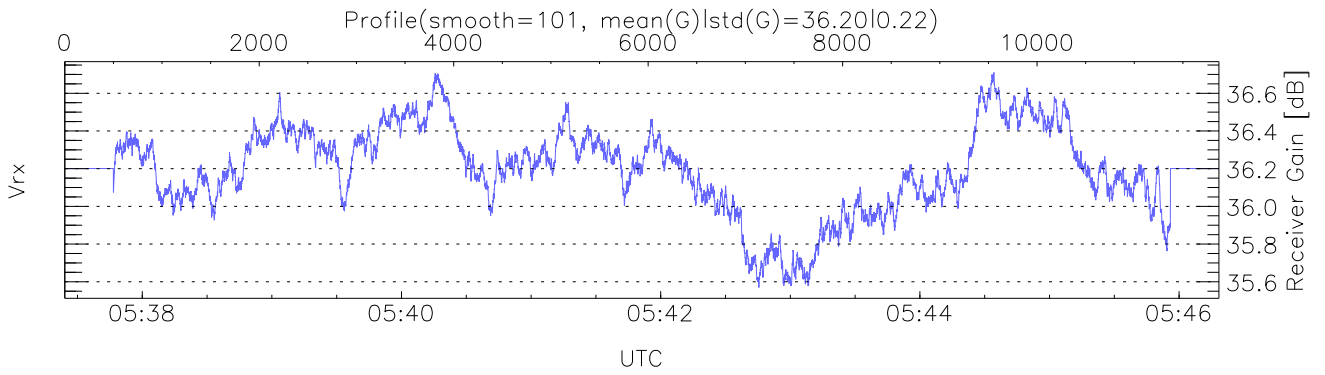
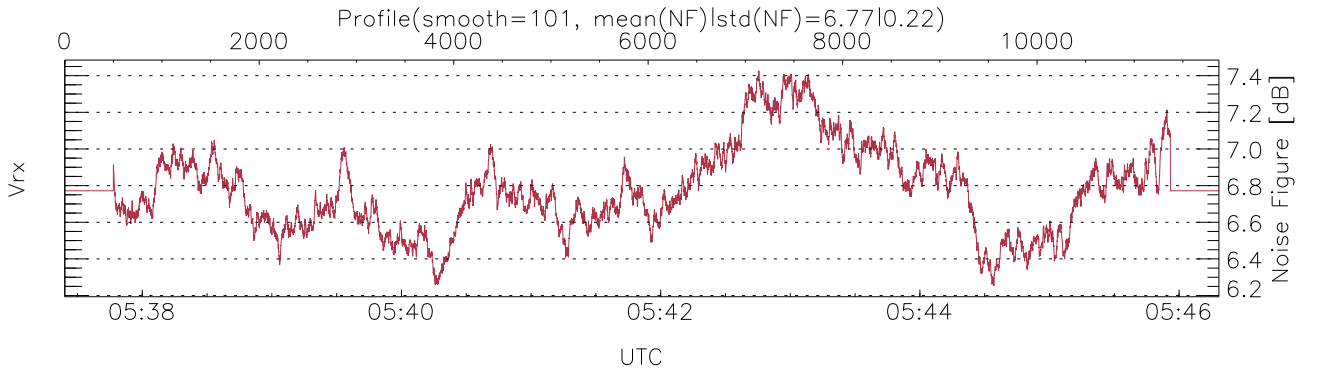
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 05:37:24-05:46:18, TimeCor: 0.00s, Dur: 534.33s  
 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): 11872/11872, 0-11871/05:37:24-05:46:18  
 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



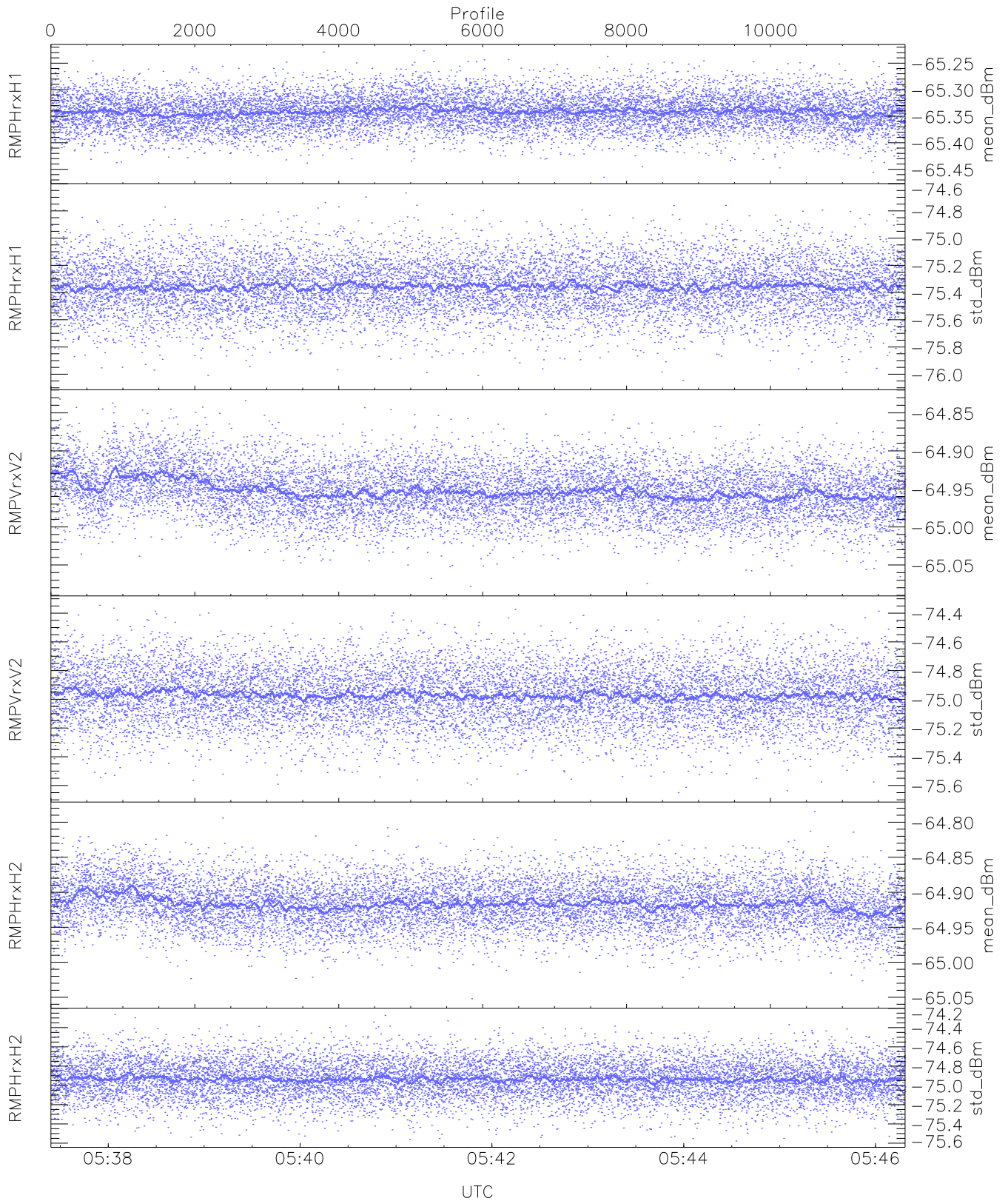
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,22,25,25,25`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,25,26,26`  
`LOalarm(20,240,2817,14861 MHz): 0,0,22,0`  
`EIK/Modulator Faults: None`



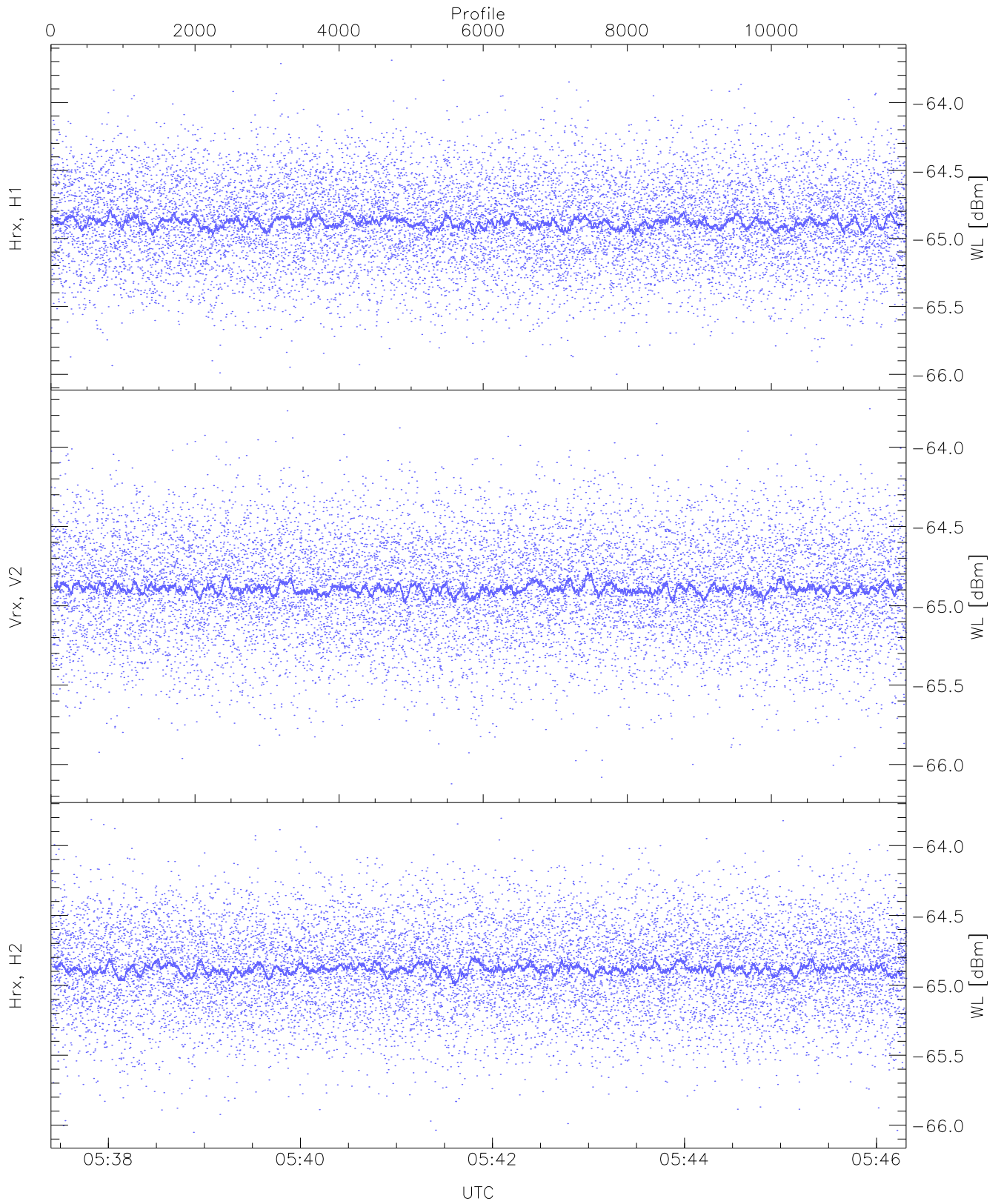
### WCR3 CPP Receivers Gain and Noise Figure

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



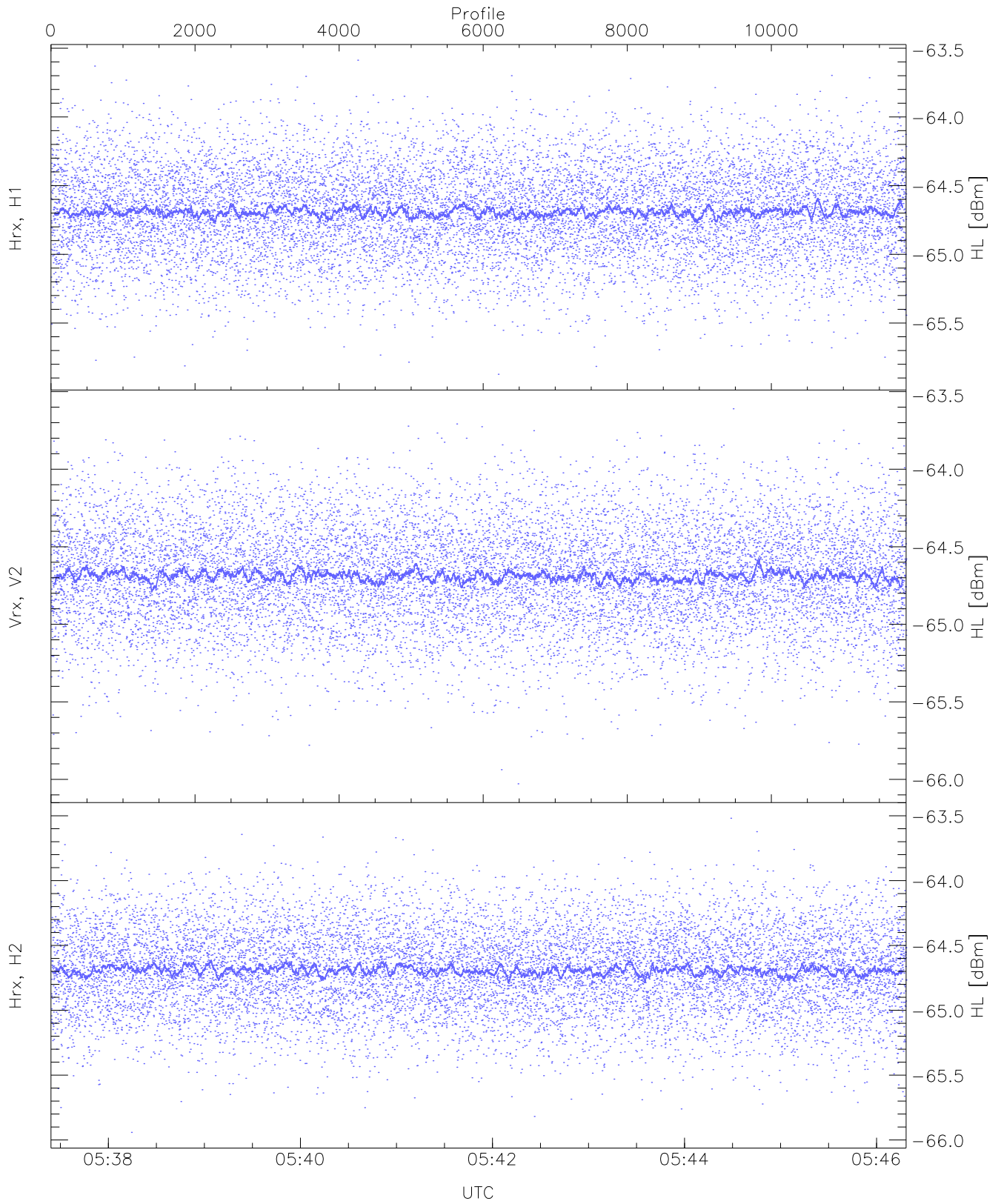
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.47	-65.23	-65.34	-65.34	-86.93
RMPHrxH1(std_dBm)	-76.05	-74.67	-75.36	-75.36	-89.14
RMPVrxV2(mean_dBm)	-65.08	-64.83	-64.95	-64.95	-86.34
RMPVrxV2(std_dBm)	-75.65	-74.35	-74.97	-74.97	-88.73
RMPHrxH2(mean_dBm)	-65.05	-64.78	-64.92	-64.92	-86.39
RMPHrxH2(std_dBm)	-75.58	-74.26	-74.93	-74.94	-88.72



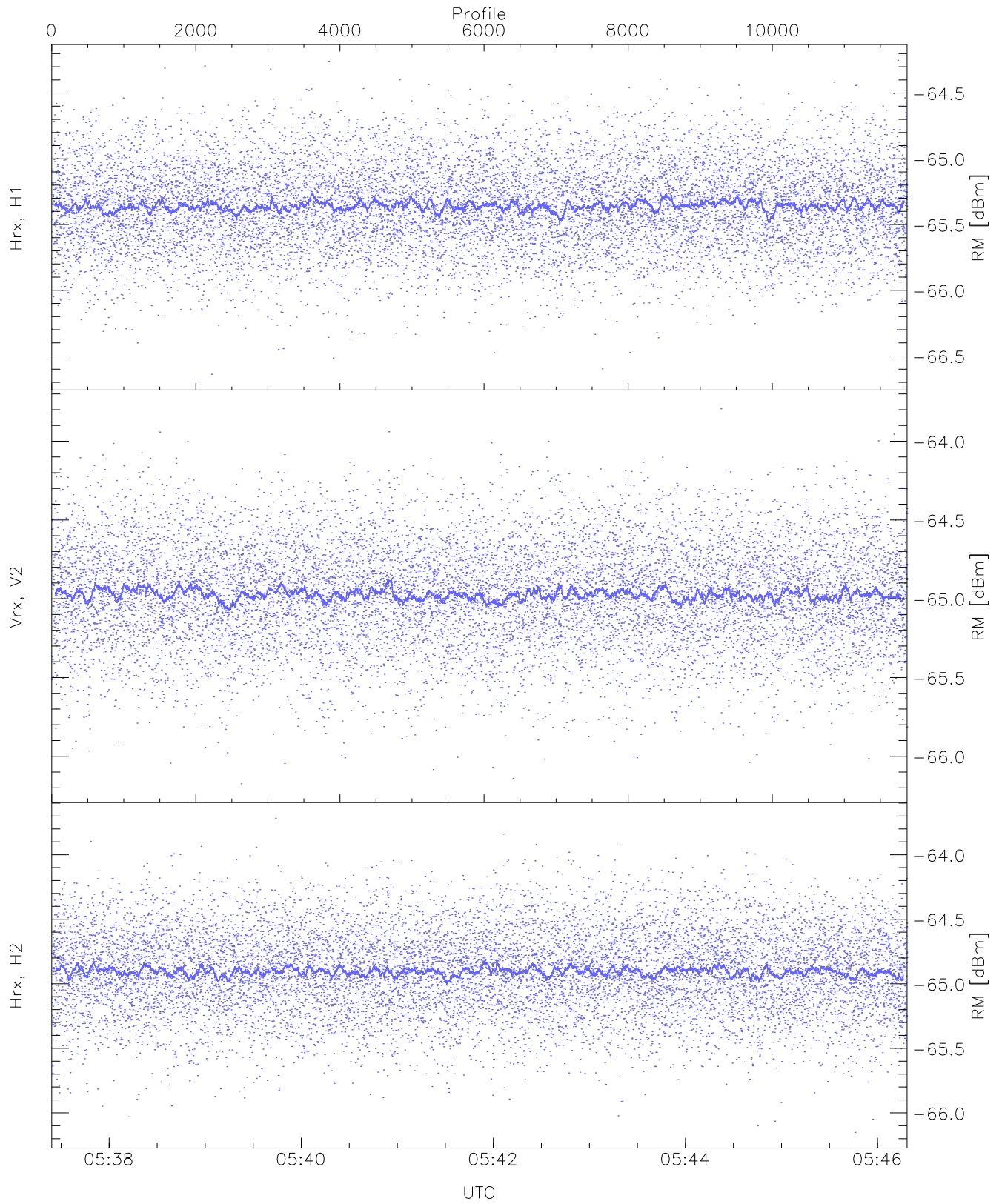
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.00	-63.69	-64.88	-64.88	-76.38
Vrx, V2 (WL [dBm])	-66.12	-63.76	-64.88	-64.89	-76.38
Hrx, H2 (WL [dBm])	-66.05	-63.80	-64.87	-64.88	-76.46



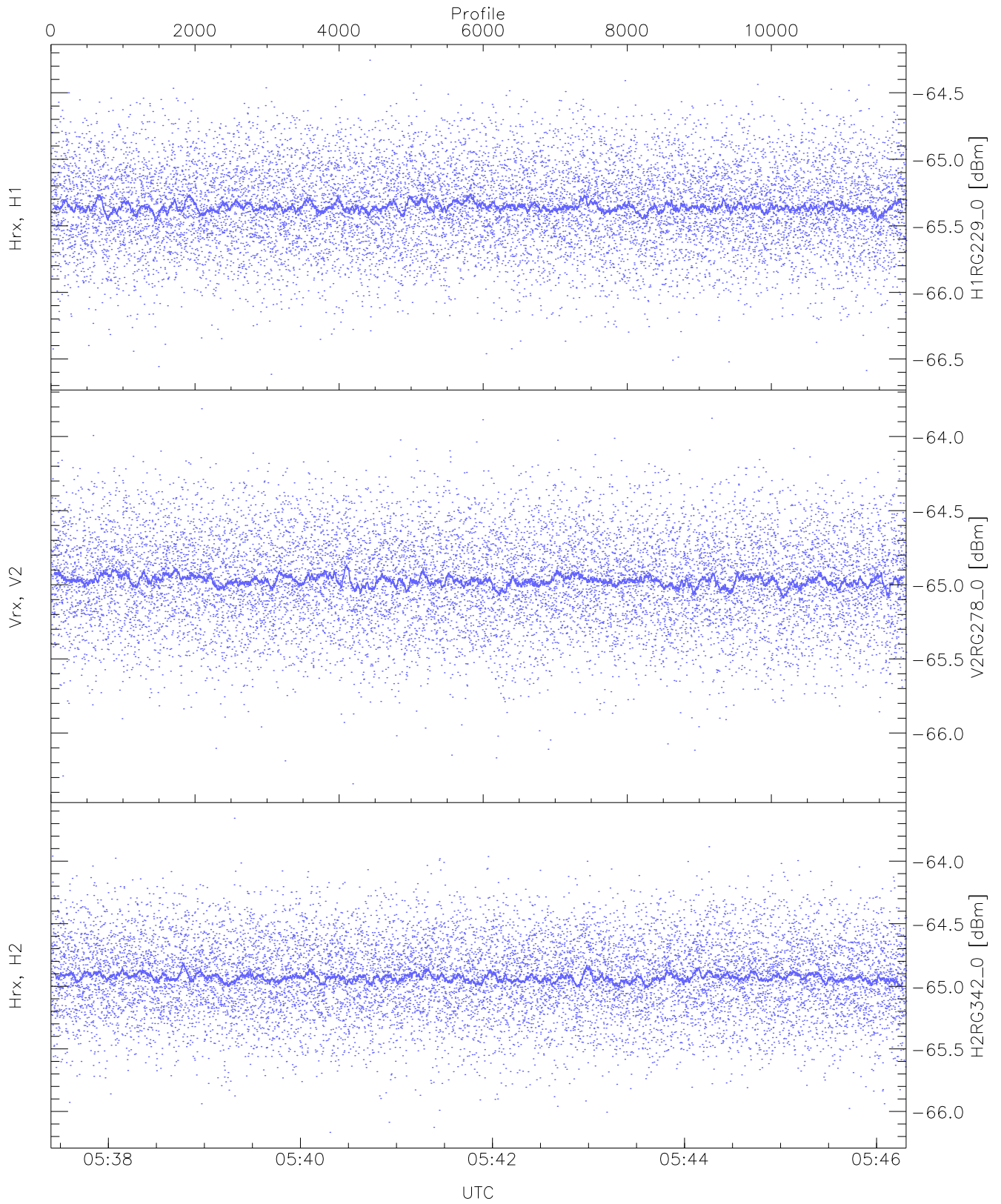
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.87	-63.59	-64.68	-64.69	-76.17
Vrx, V2 (HL [dBm])	-66.03	-63.61	-64.68	-64.69	-76.20
Hrx, H2 (HL [dBm])	-65.94	-63.52	-64.68	-64.69	-76.23



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

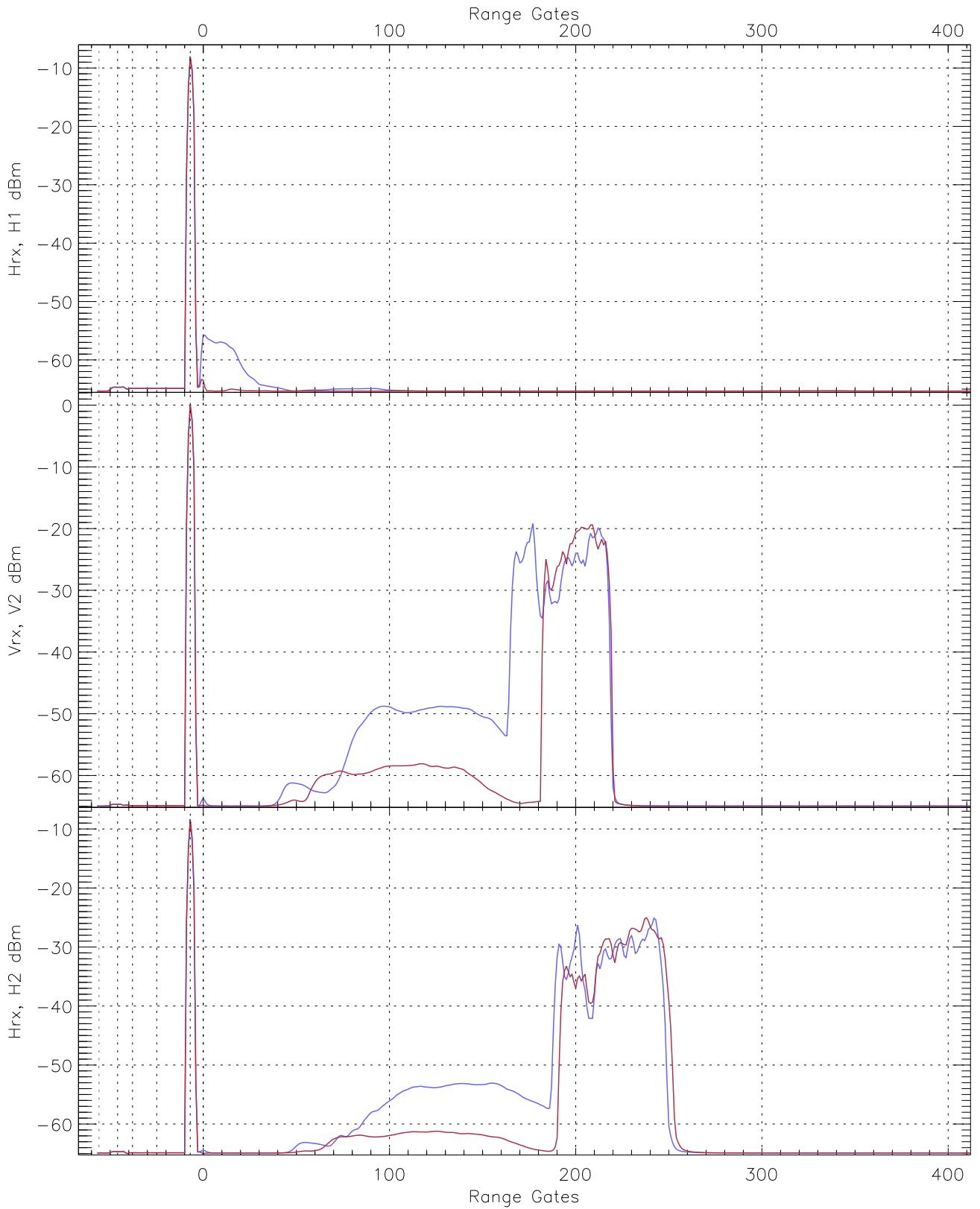
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.64	-64.25	-65.35	-65.36	-76.82
Vrx, V2 (RM [dBm])	-66.17	-63.79	-64.96	-64.97	-76.46
Hrx, H2 (RM [dBm])	-66.15	-63.72	-64.90	-64.91	-76.36



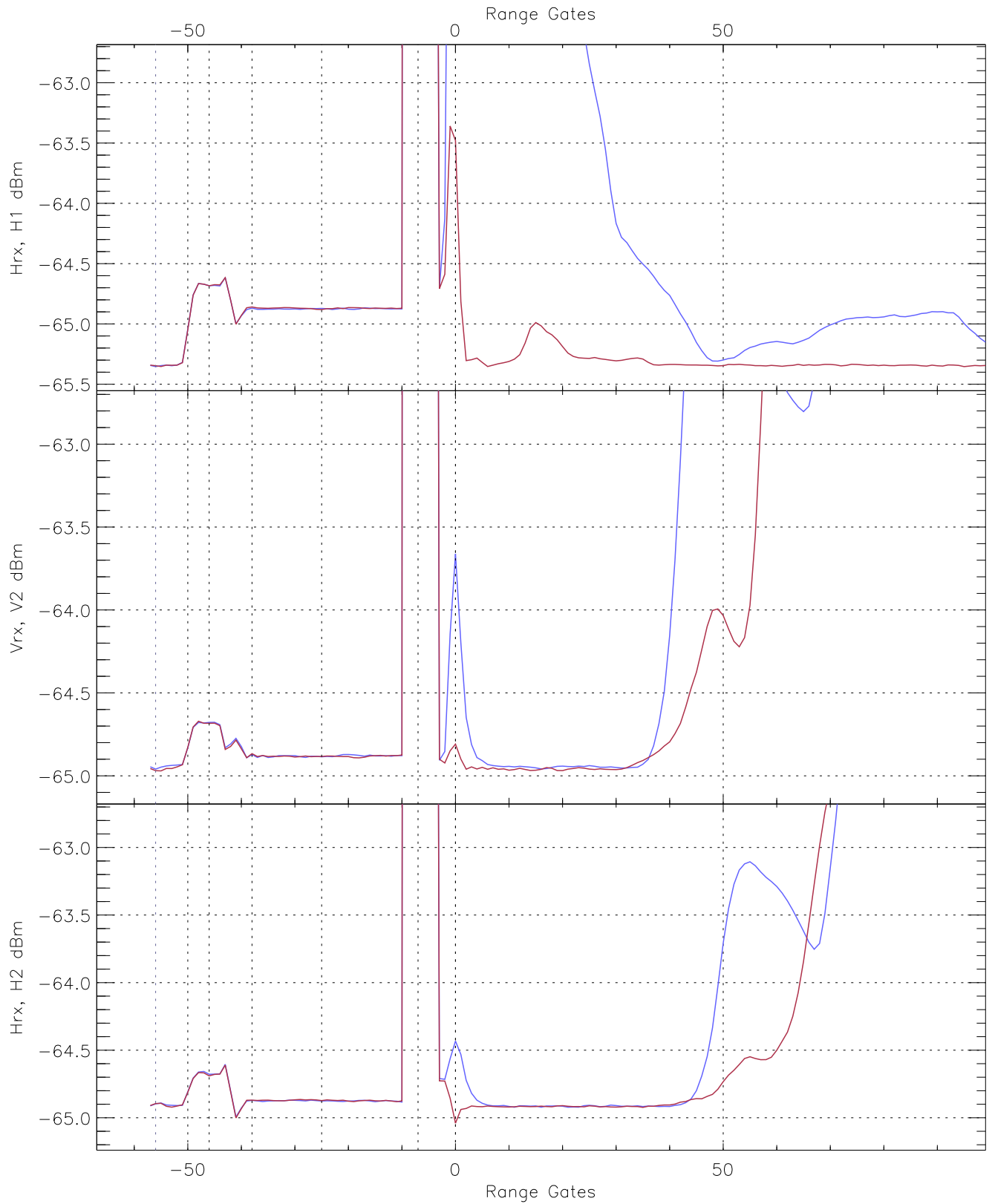
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG229_0 [dBm]	-66.62	-64.26	-65.35	-65.36	-76.79
V2RG278_0 [dBm]	-66.34	-63.81	-64.96	-64.97	-76.51
H2RG342_0 [dBm]	-66.17	-63.66	-64.92	-64.93	-76.43

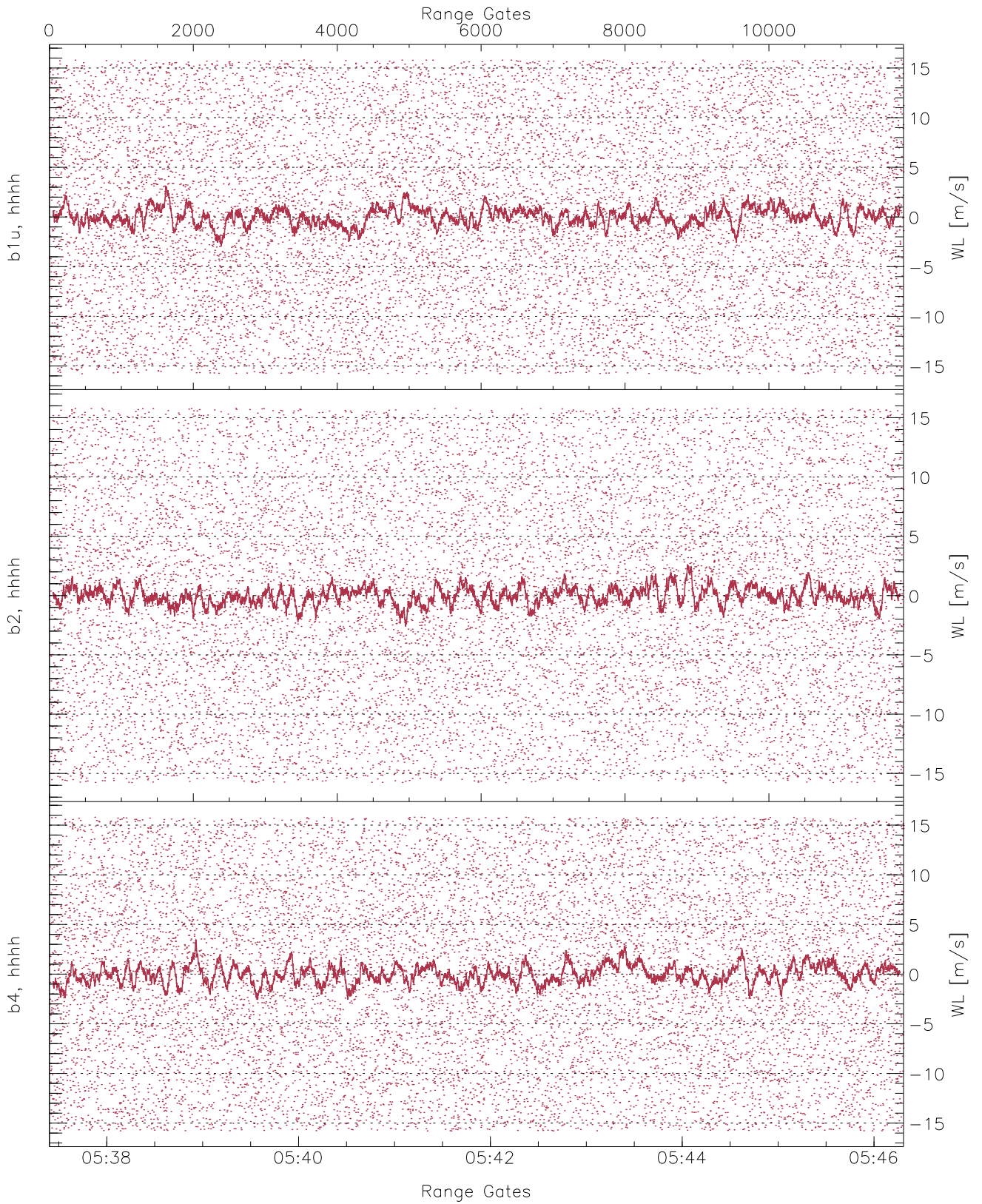




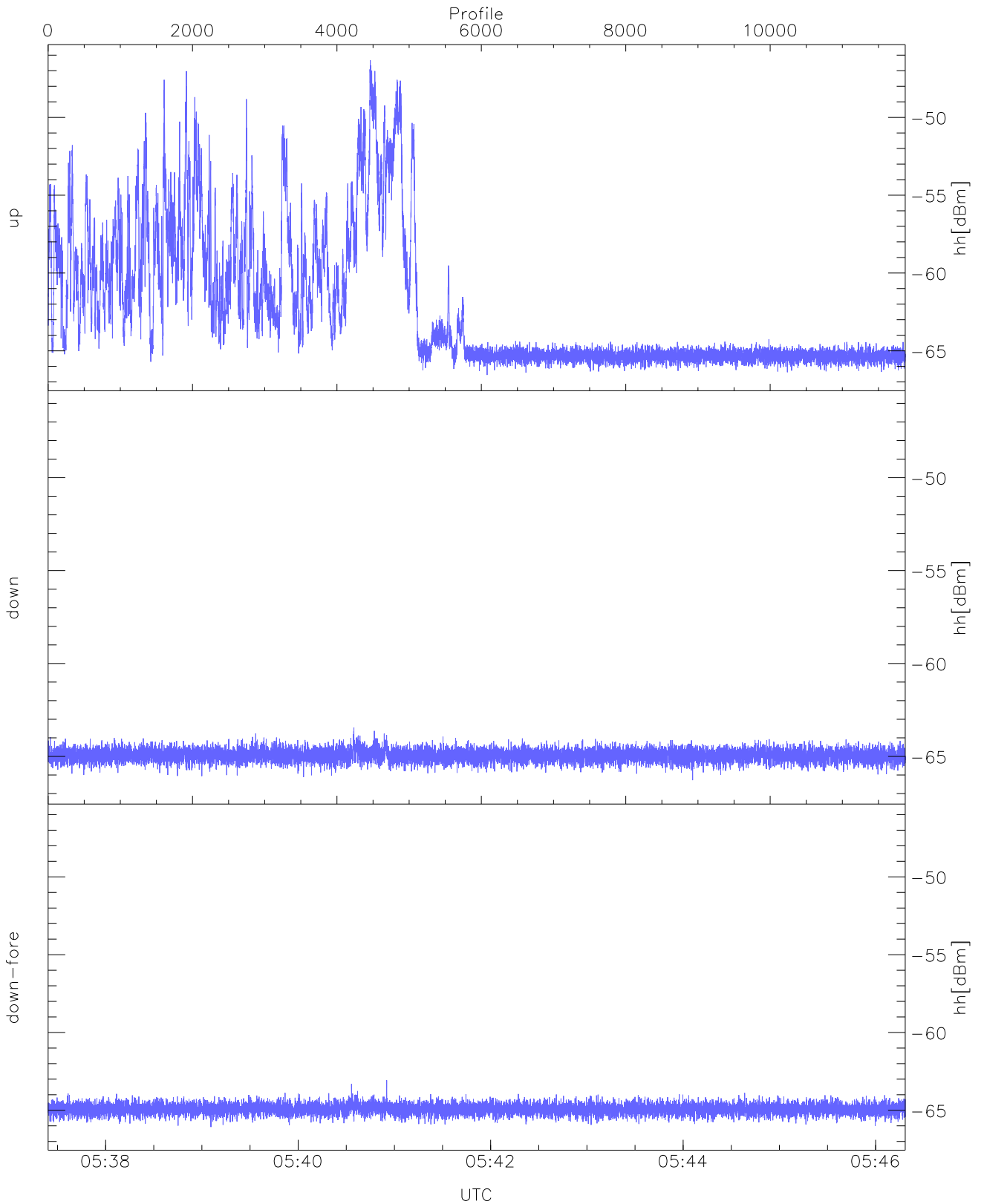
WCR3 CPP Averaged Received power for all recorded gates  
blue: 053724-054151, 5937 profiles averaged  
red: 054151-054618, 5936 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 053724-054151, 5937 profiles averaged  
red: 054151-054618, 5936 profiles averaged

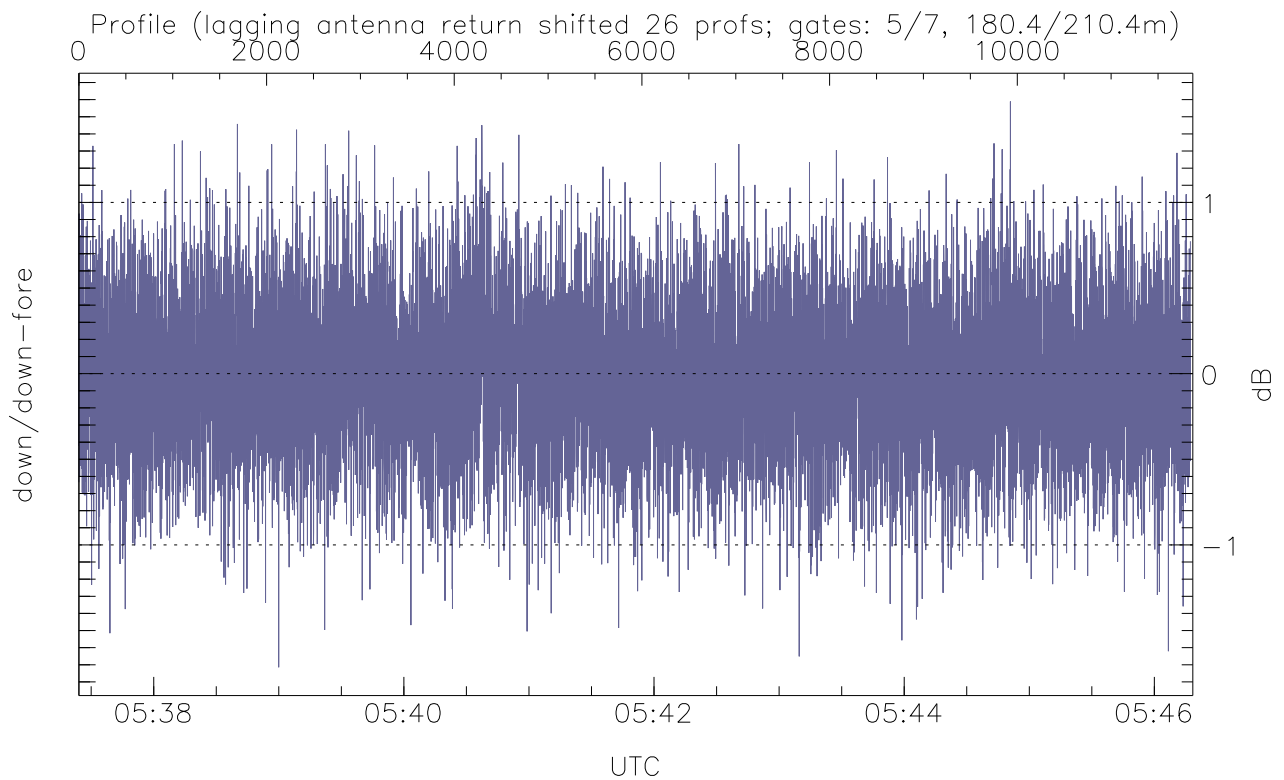
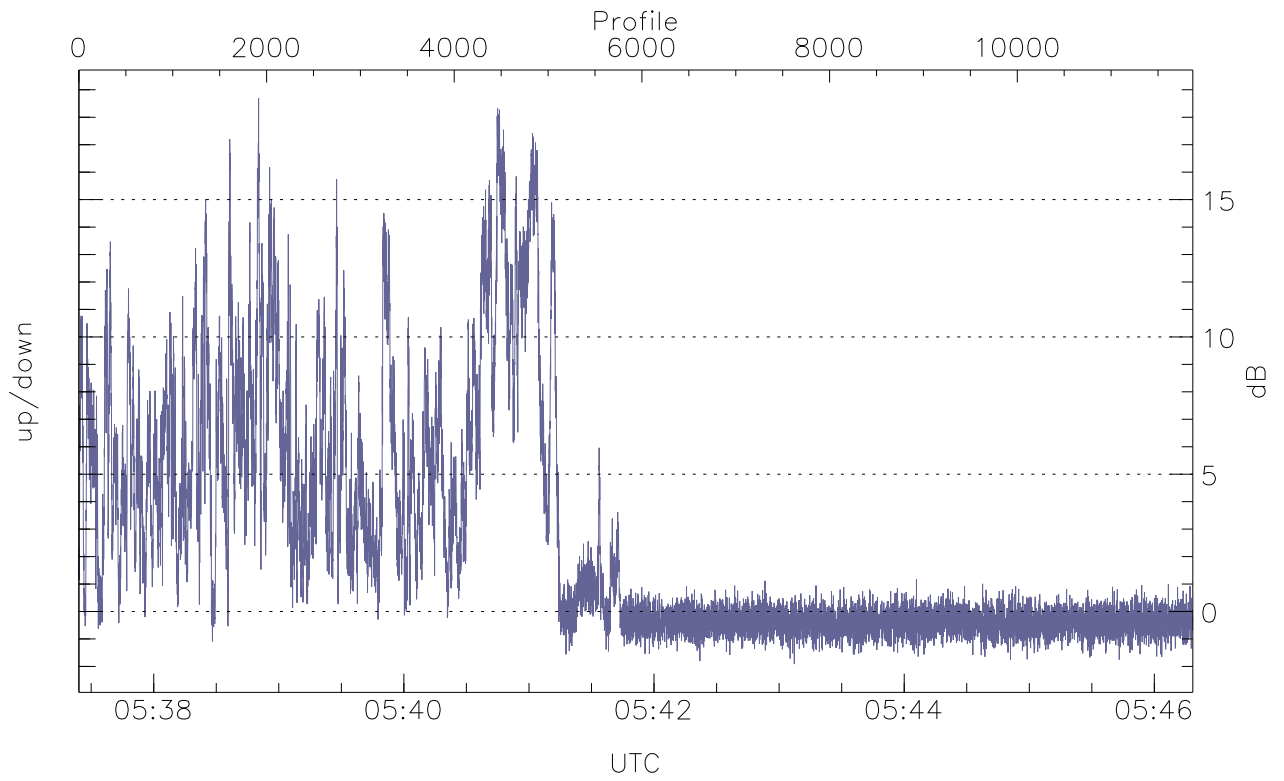


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



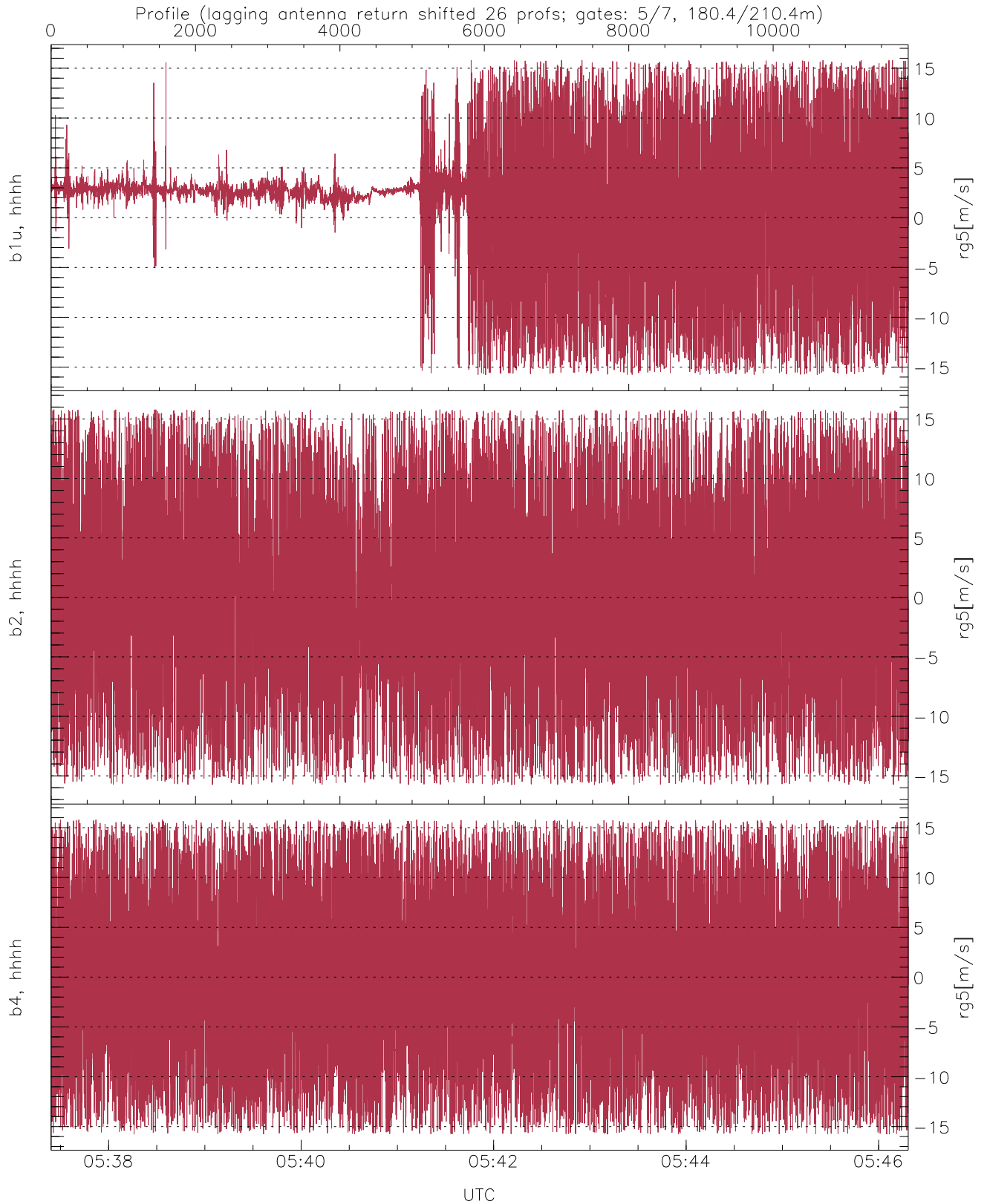
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.55	-46.33	-59.27
down(hh[dBm])	-66.28	-63.44	-64.93
down-fore(hh[dBm])	-66.07	-63.07	-64.91



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

	Min	Max	Mean
up/down (dB)	-1.91	18.69	2.64
down/down-fore (dB)	-1.71	1.59	-0.02



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	1.26	6.38
b2, hhhh(rg5[m/s])	-15.77	15.79	-0.05	8.32
b4, hhhh(rg5[m/s])	-15.78	15.79	0.06	8.72