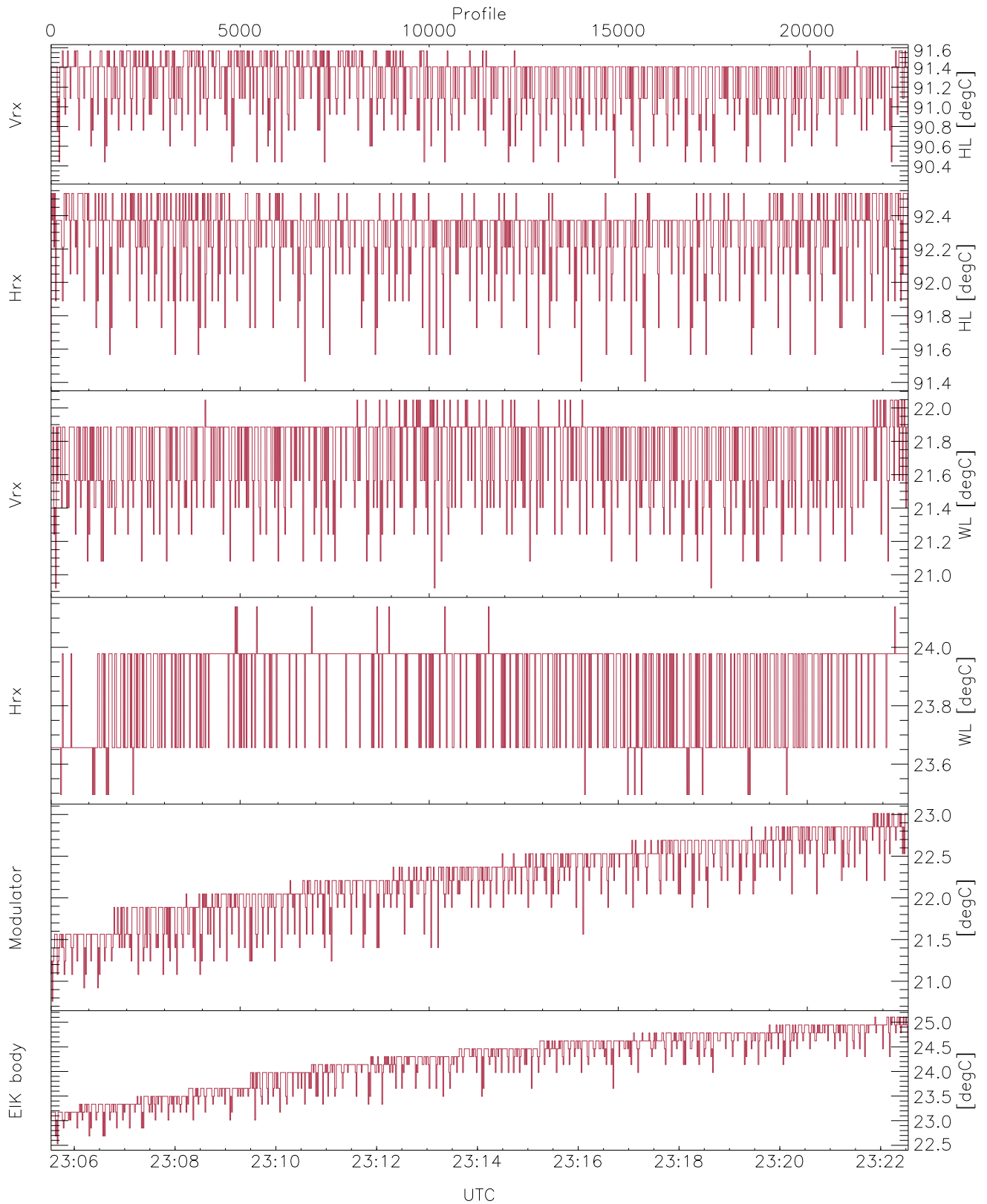


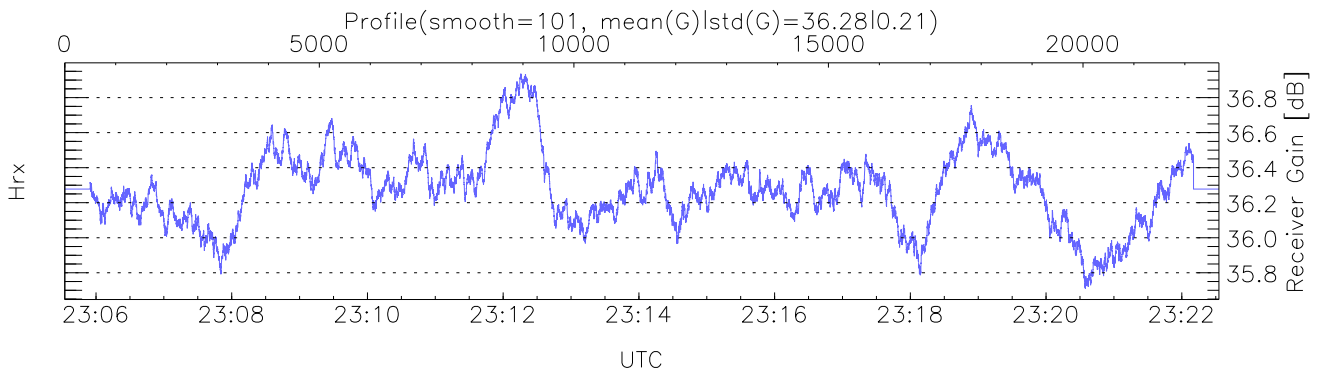
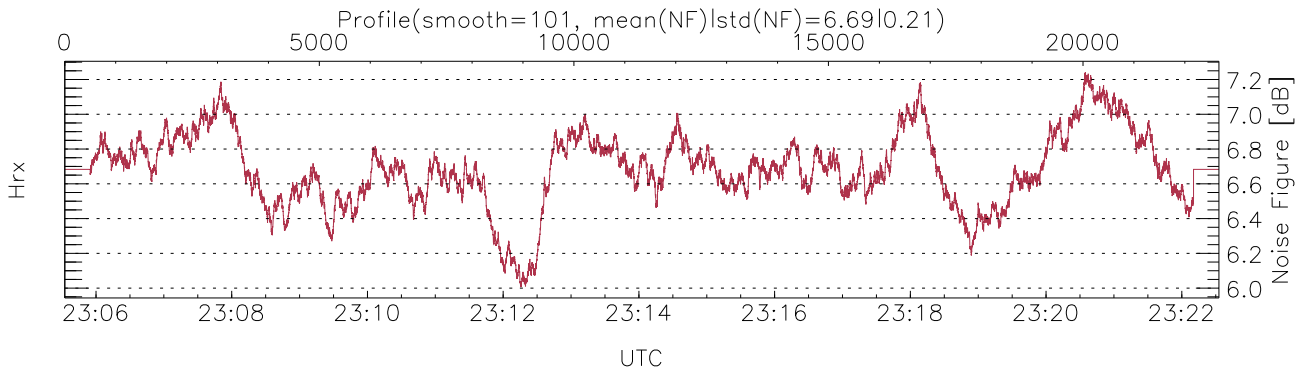
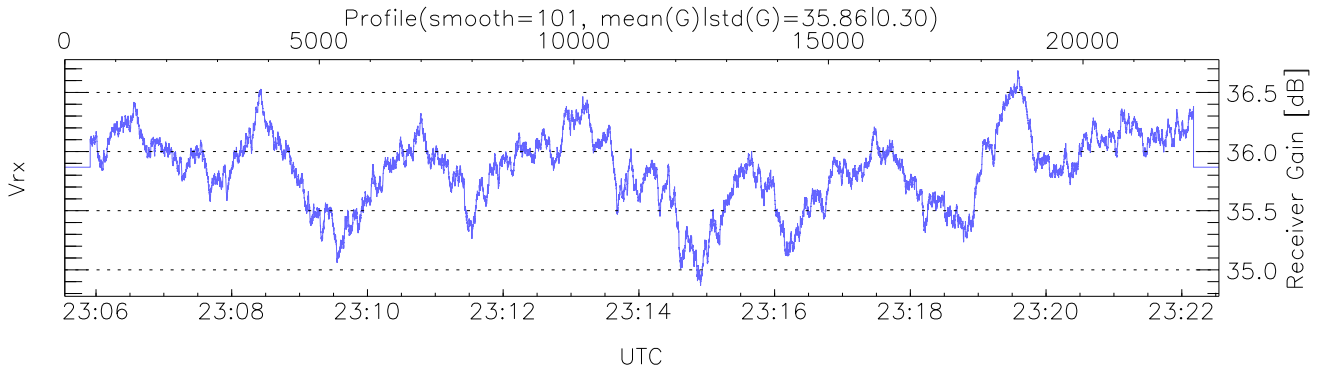
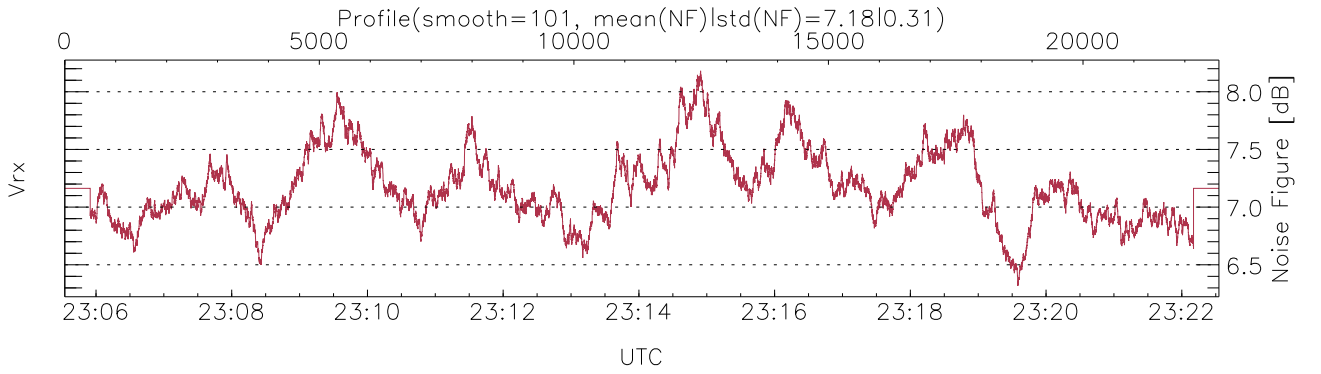
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 23:05:32-23:22:33, 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, 0-22671/23:05:32-23:22:33
 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



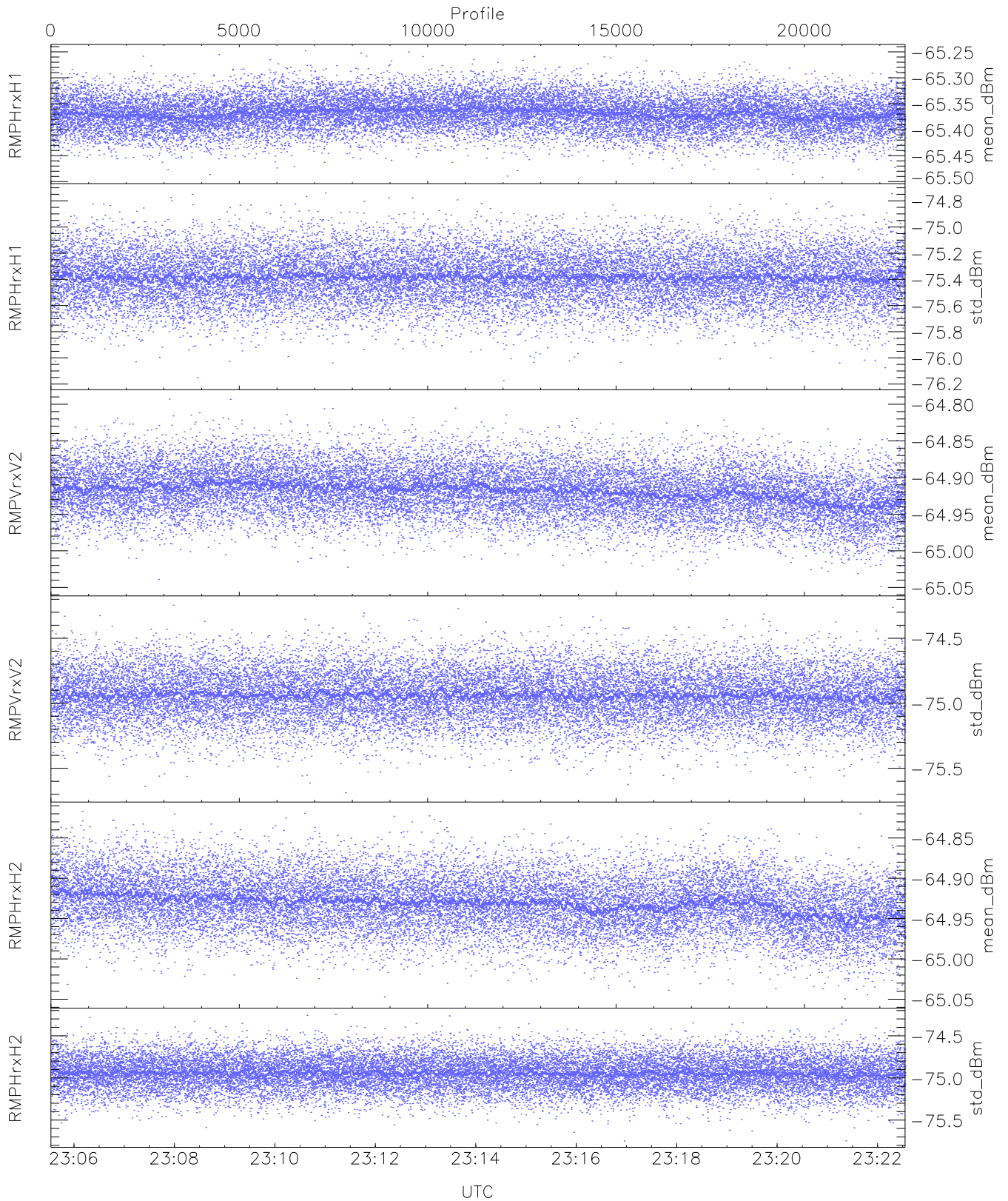
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,20,23,20,22
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,22,24,23,25
LOalarm(20,240,2817,14861 MHz): 0,0,48,0
EIK/Modulator Faults: None



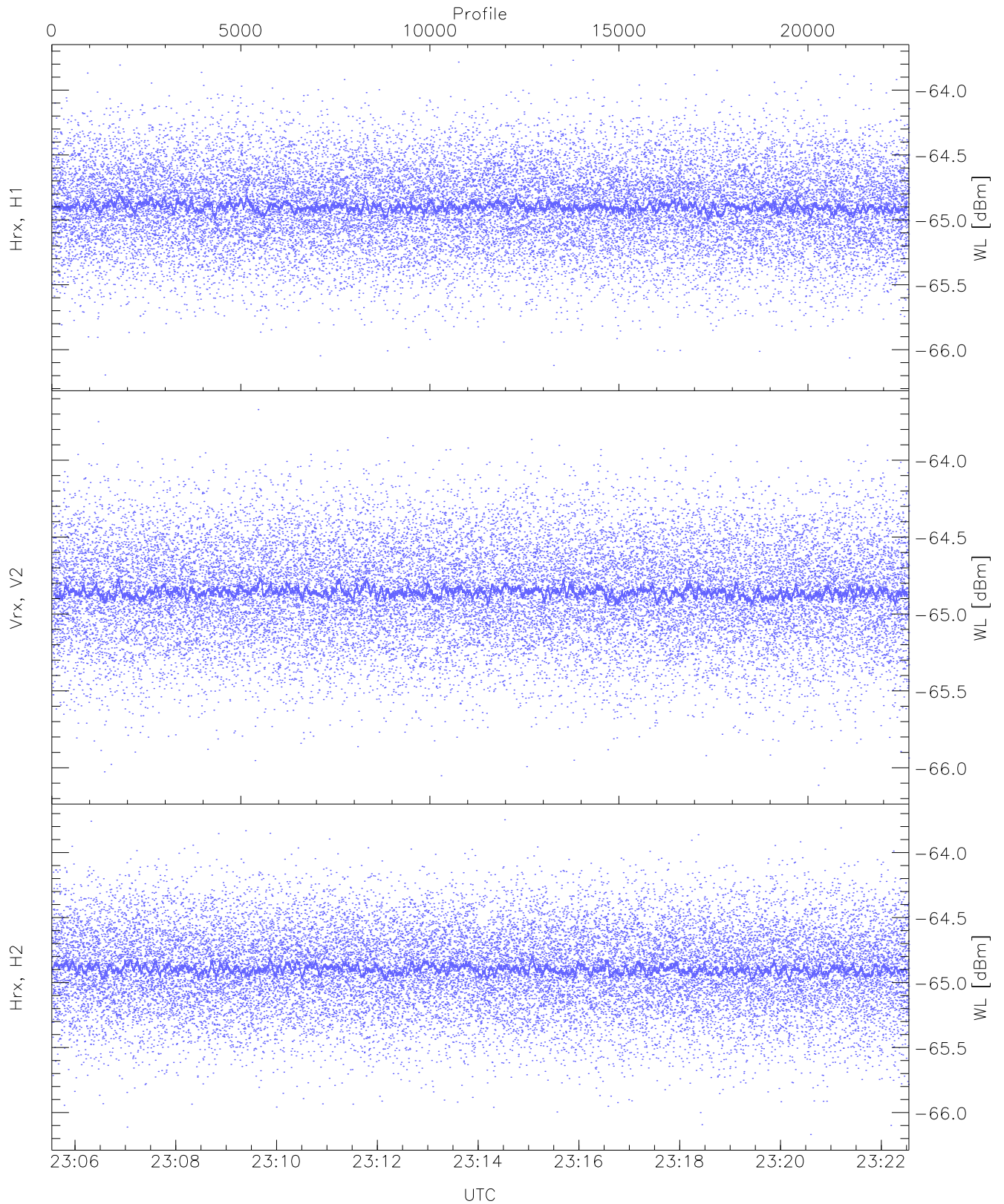
WCR3 CPP Receivers Gain and Noise Figure

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



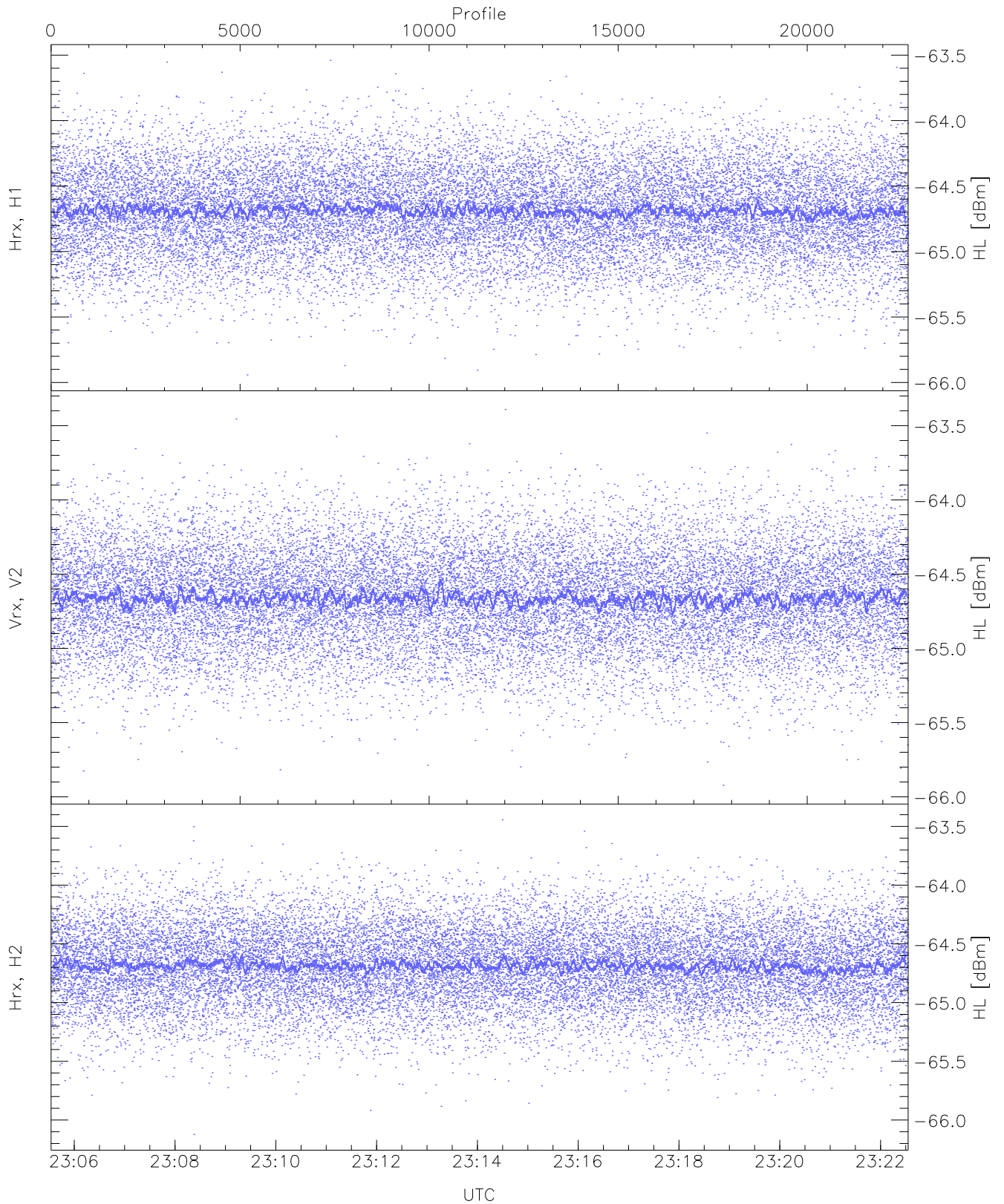
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.49	-65.25	-65.37	-65.37	-86.92
RMPHrxH1 (std_dBm)	-76.17	-74.74	-75.38	-75.39	-89.20
RMPVrxV2 (mean_dBm)	-65.05	-64.79	-64.92	-64.92	-86.33
RMPVrxV2 (std_dBm)	-75.69	-74.25	-74.94	-74.94	-88.74
RMPHrxH2 (mean_dBm)	-65.05	-64.82	-64.93	-64.93	-86.37
RMPHrxH2 (std_dBm)	-75.75	-74.25	-74.94	-74.95	-88.75



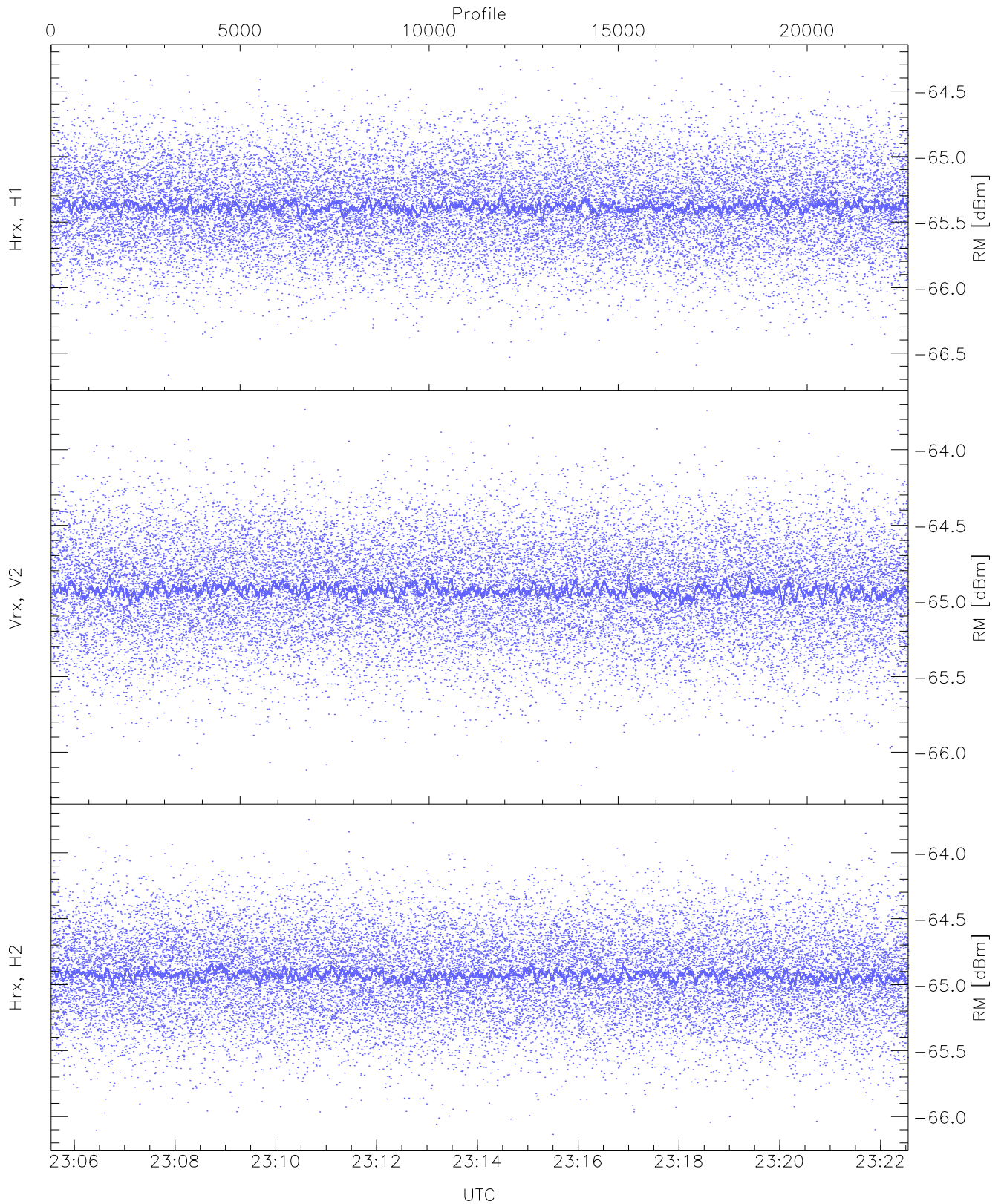
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.20	-63.77	-64.89	-64.90	-76.42
Vrx, V2 (WL [dBm])	-66.11	-63.67	-64.85	-64.86	-76.38
Hrx, H2 (WL [dBm])	-66.17	-63.75	-64.89	-64.89	-76.39



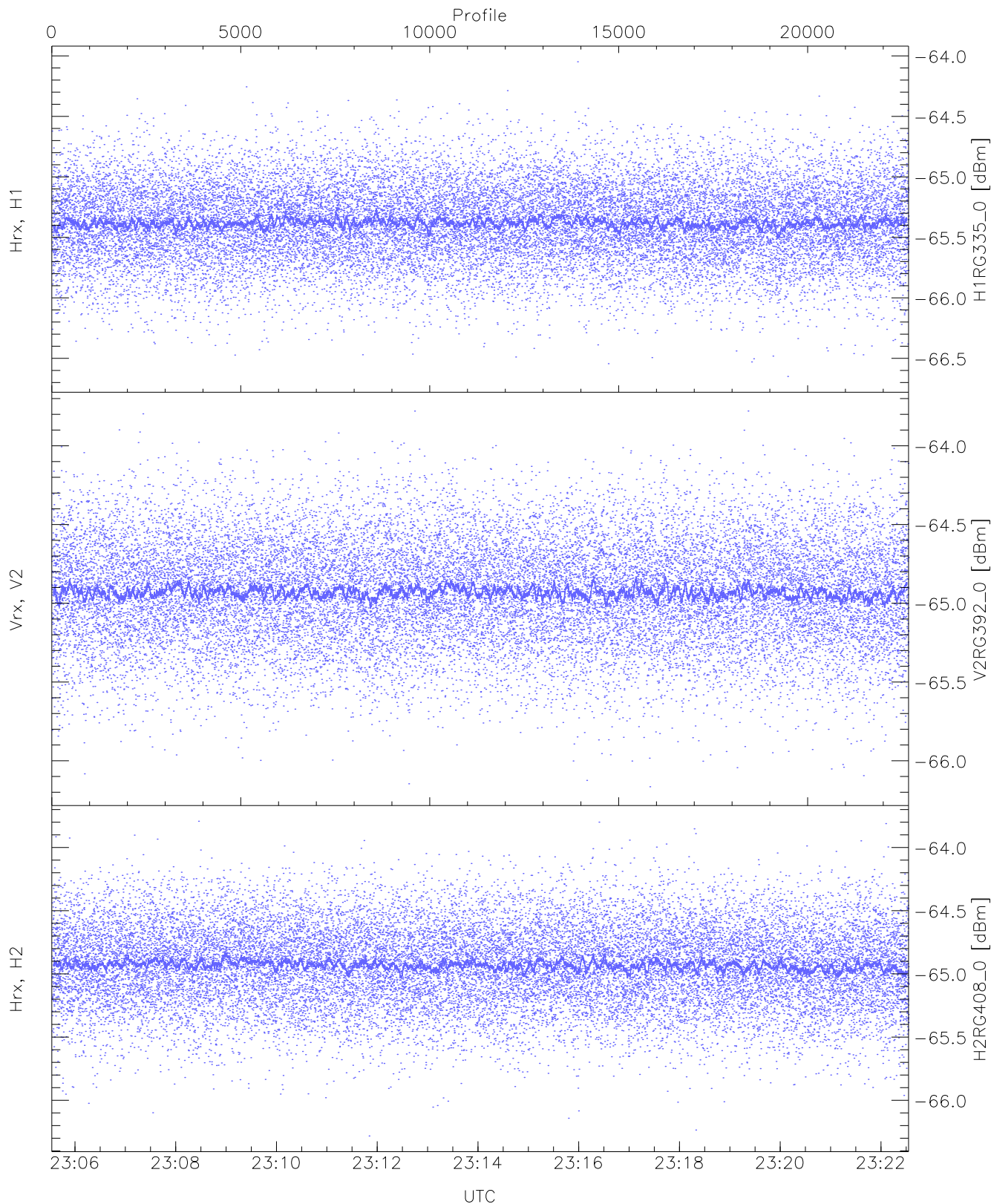
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.94	-63.54	-64.68	-64.69	-76.17
Vrx, V2 (HL [dBm])	-65.92	-63.39	-64.66	-64.66	-76.20
Hrx, H2 (HL [dBm])	-66.12	-63.44	-64.68	-64.68	-76.16



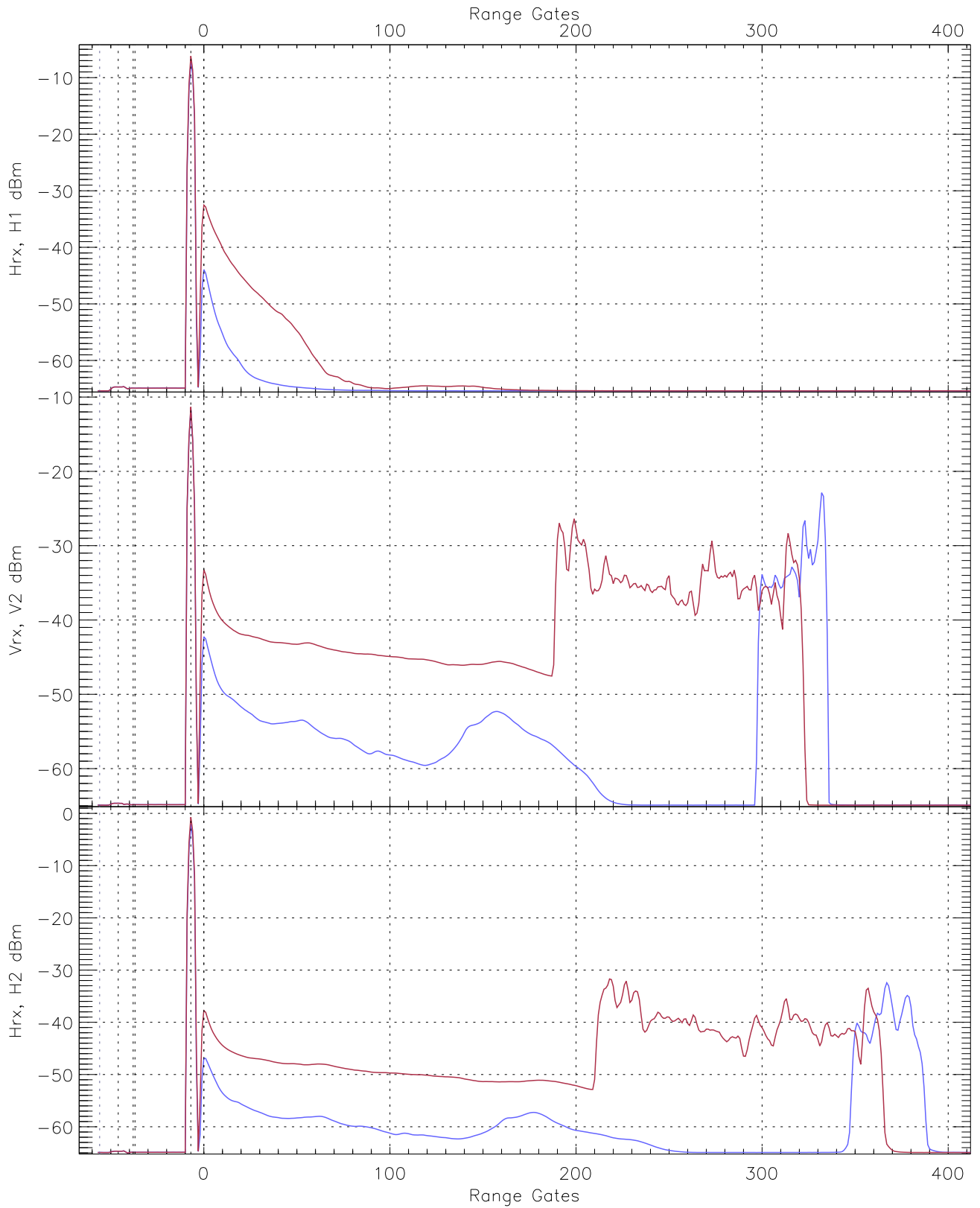
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.67	-64.27	-65.37	-65.38	-76.88
Vrx, V2 (RM [dBm])	-66.22	-63.73	-64.92	-64.93	-76.43
Hrx, H2 (RM [dBm])	-66.14	-63.75	-64.92	-64.93	-76.42

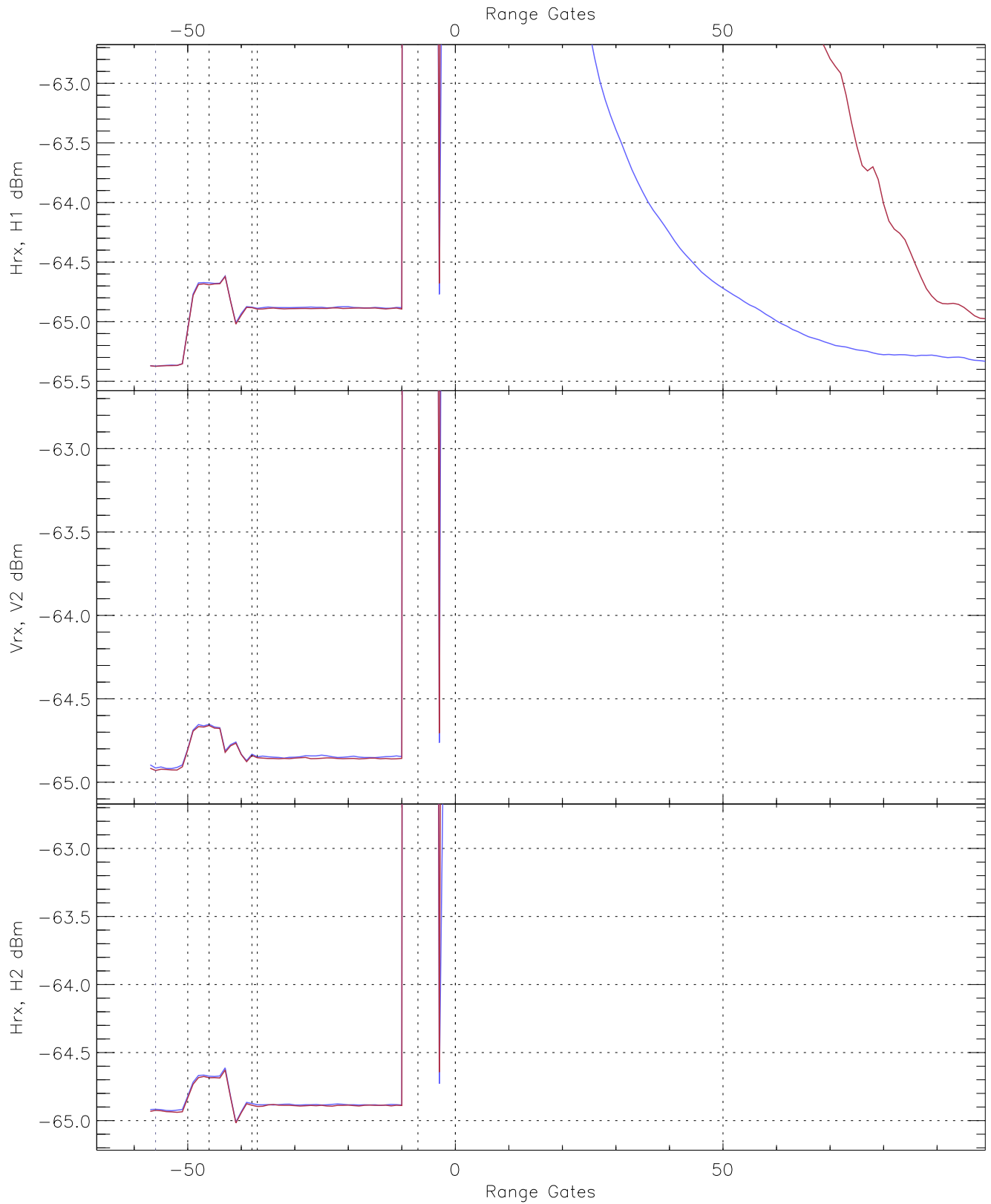


WCR3 CPP "Best" estimate Receivers Noise Power

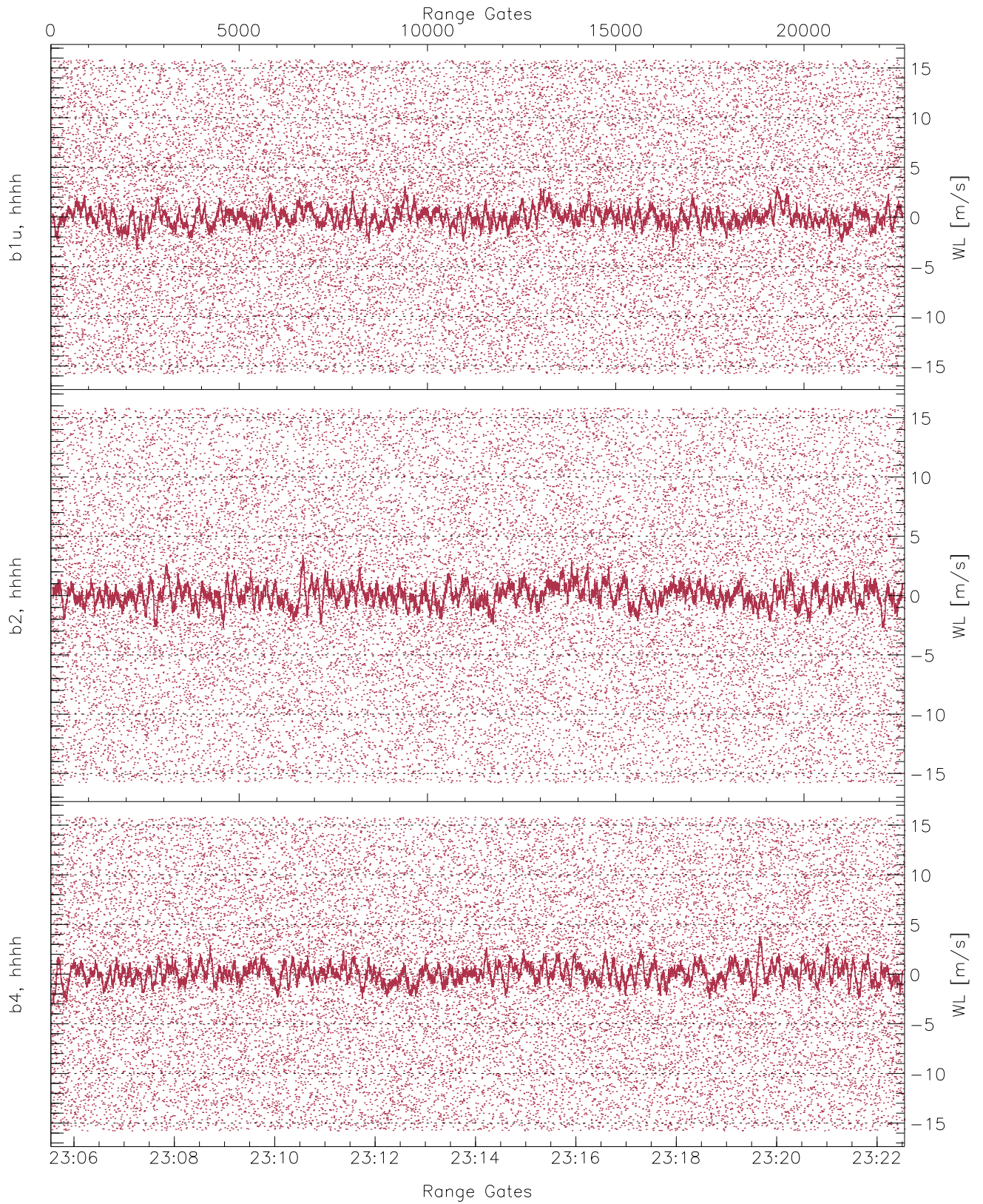
	Min	Max	Mean	Median	StDev
H1RG335_0 [dBm]	-66.65	-64.05	-65.37	-65.38	-76.88
V2RG392_0 [dBm]	-66.17	-63.78	-64.92	-64.93	-76.40
H2RG408_0 [dBm]	-66.28	-63.79	-64.92	-64.93	-76.45



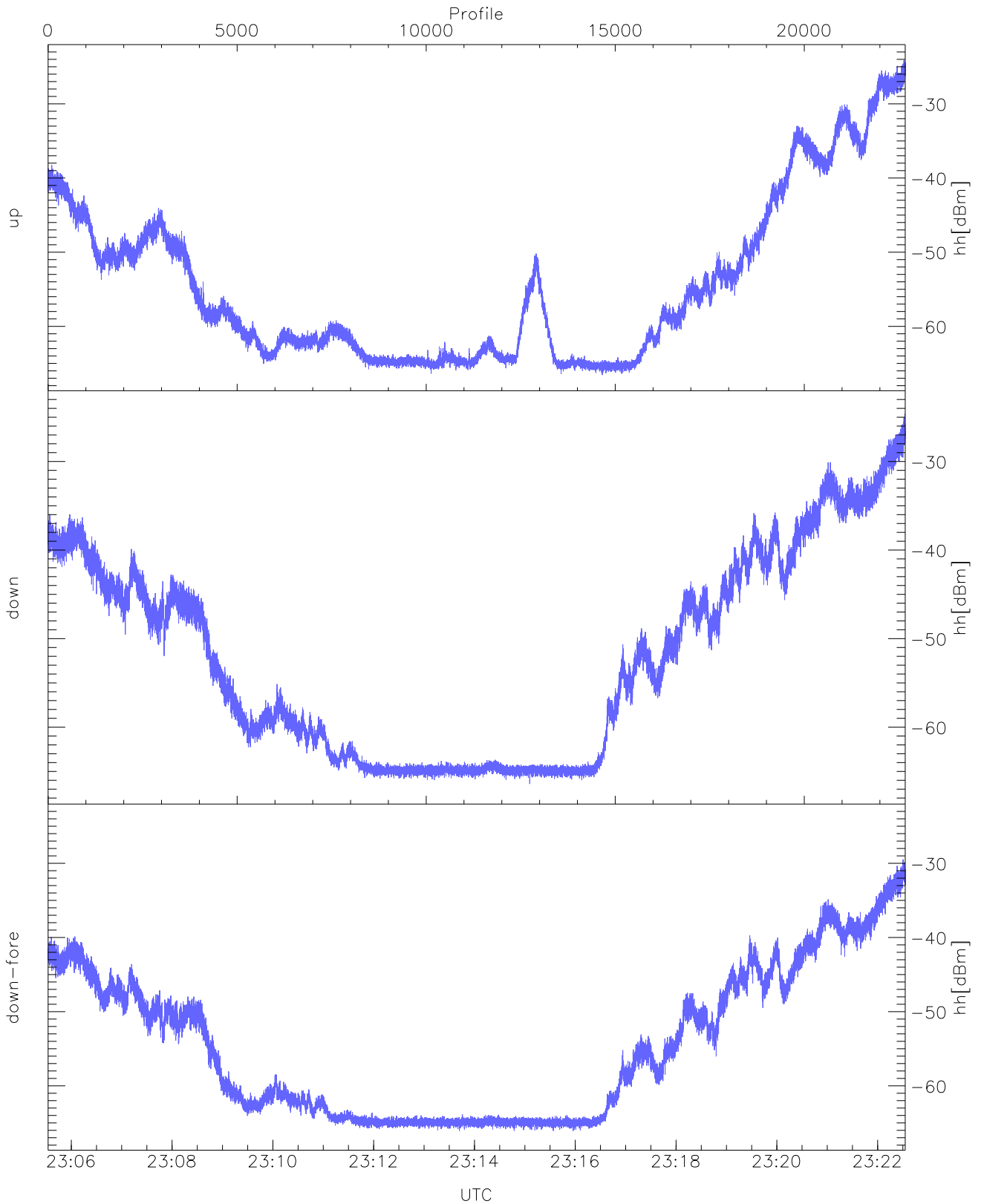
WCR3 CPP Averaged Received power for all recorded gates
blue: 230532-231403, 11337 profiles averaged
red: 231403-232233, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 230532-231403, 11337 profiles averaged
red: 231403-232233, 11336 profiles averaged

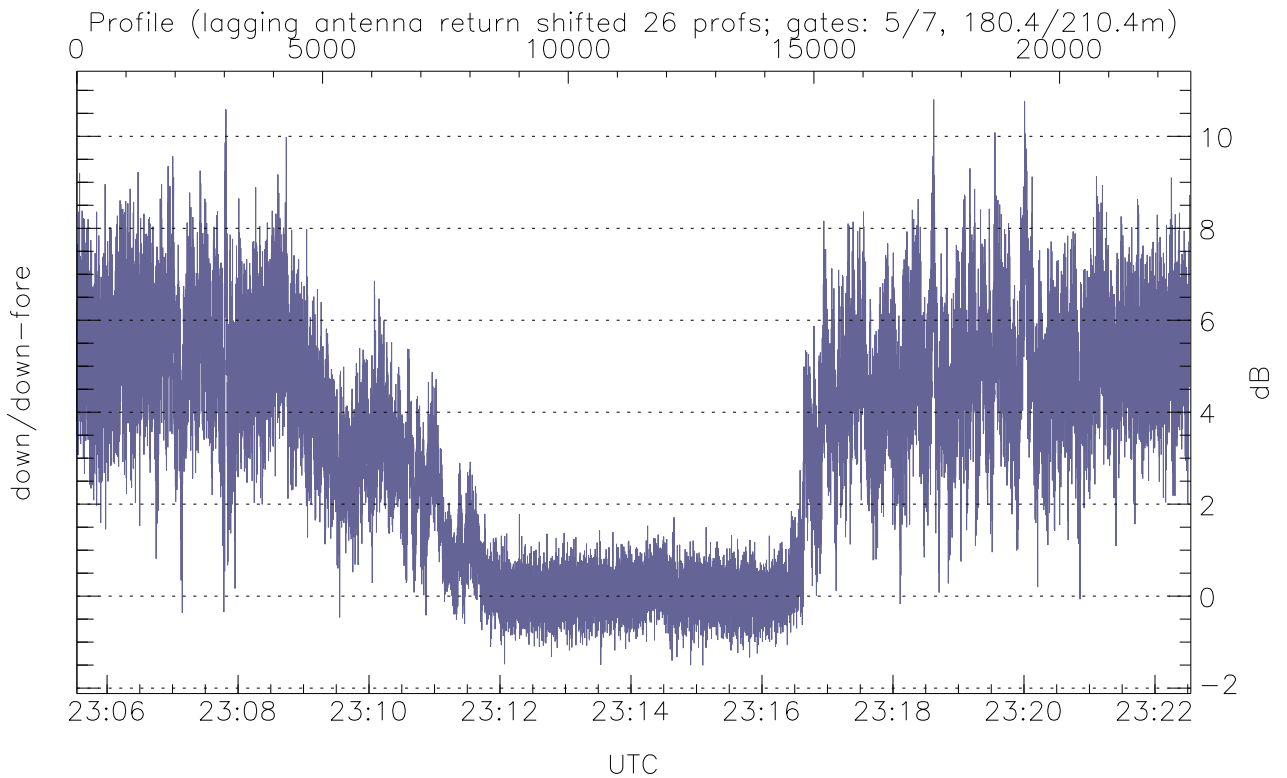
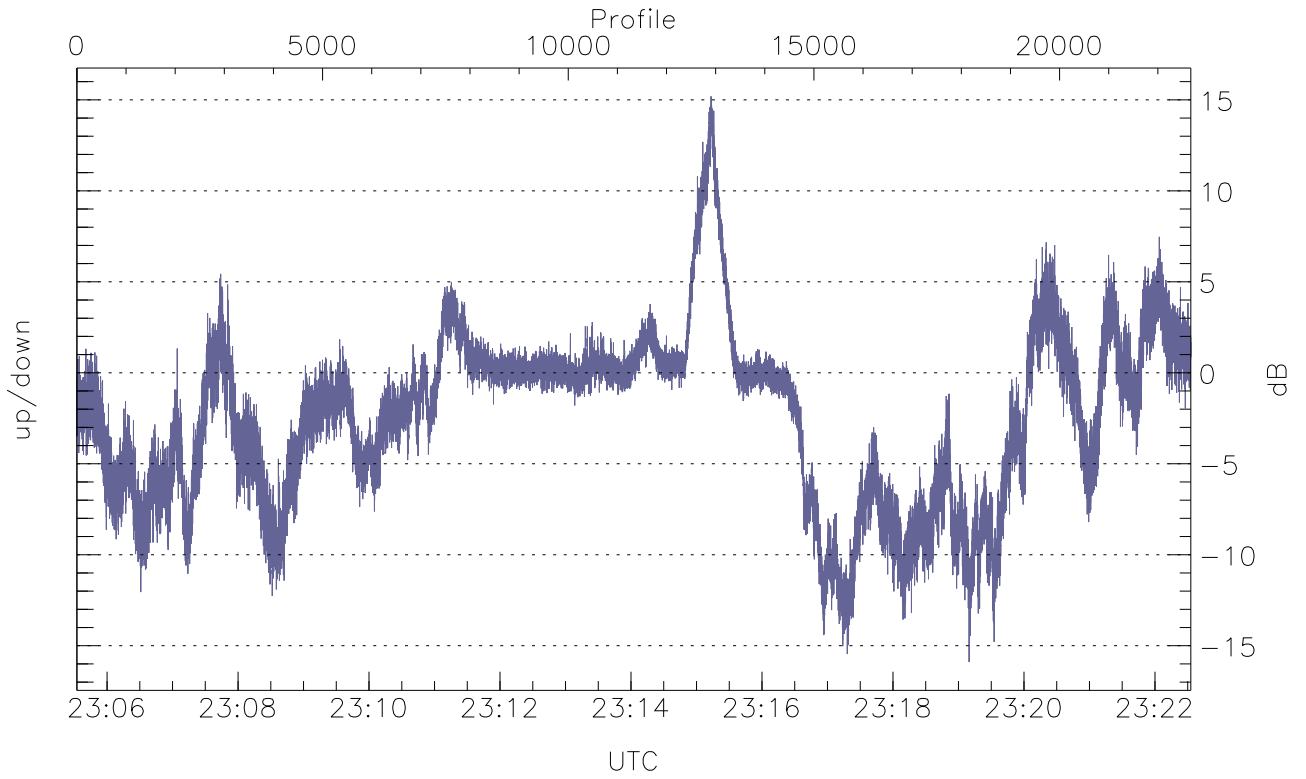


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



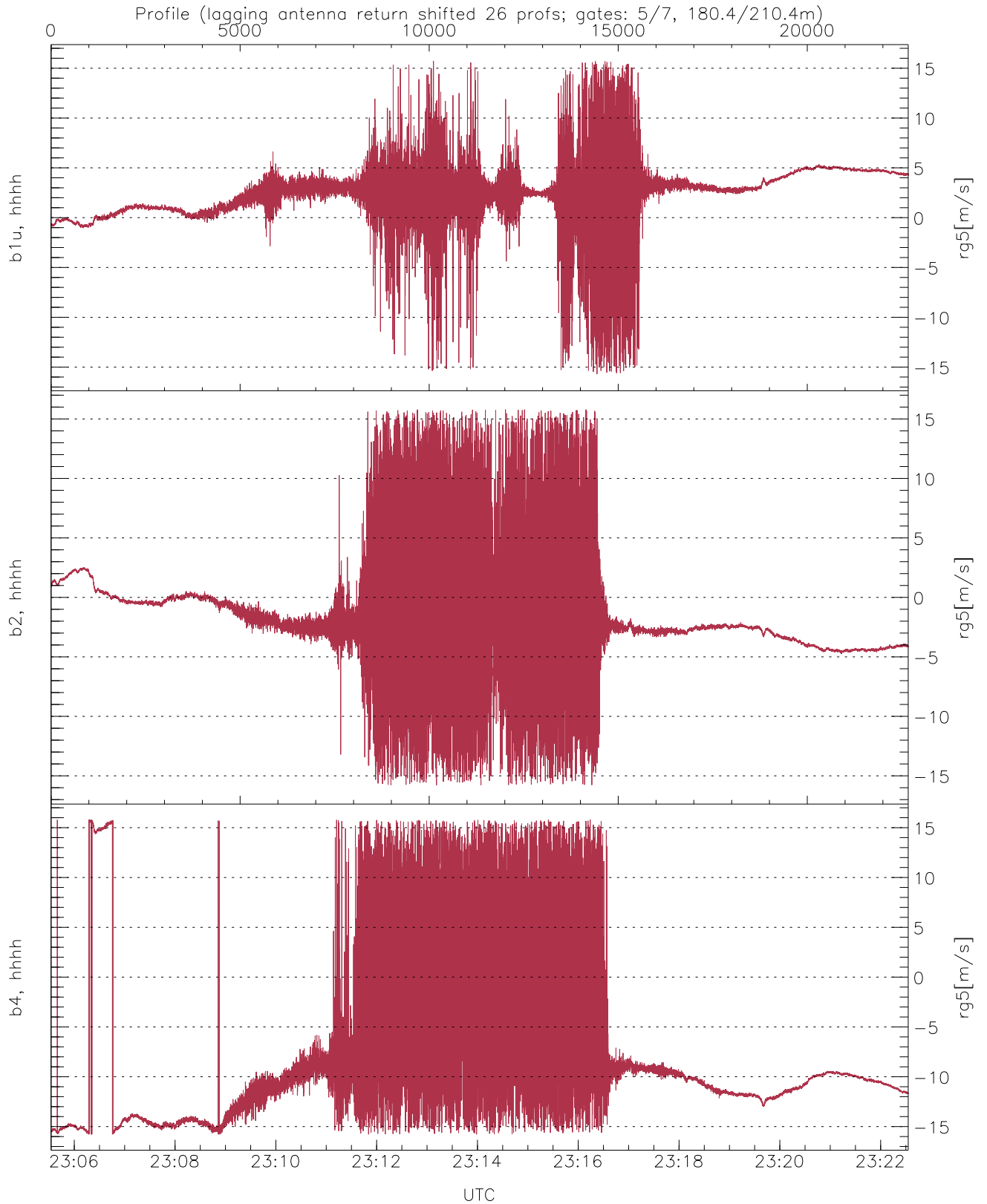
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.56	-24.13	-39.45
down(hh[dBm])	-66.41	-24.57	-40.25
down-fore(hh[dBm])	-66.10	-29.47	-44.37



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

	Min	Max	Mean
up/down (dB)	-15.90	15.19	-2.32
down/down-fore (dB)	-1.50	10.80	3.22



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.70	15.72	2.34	2.99
b2, hhhh(rg5[m/s])	-15.78	15.79	-1.53	4.48
b4, hhhh(rg5[m/s])	-15.79	15.79	-7.64	8.09