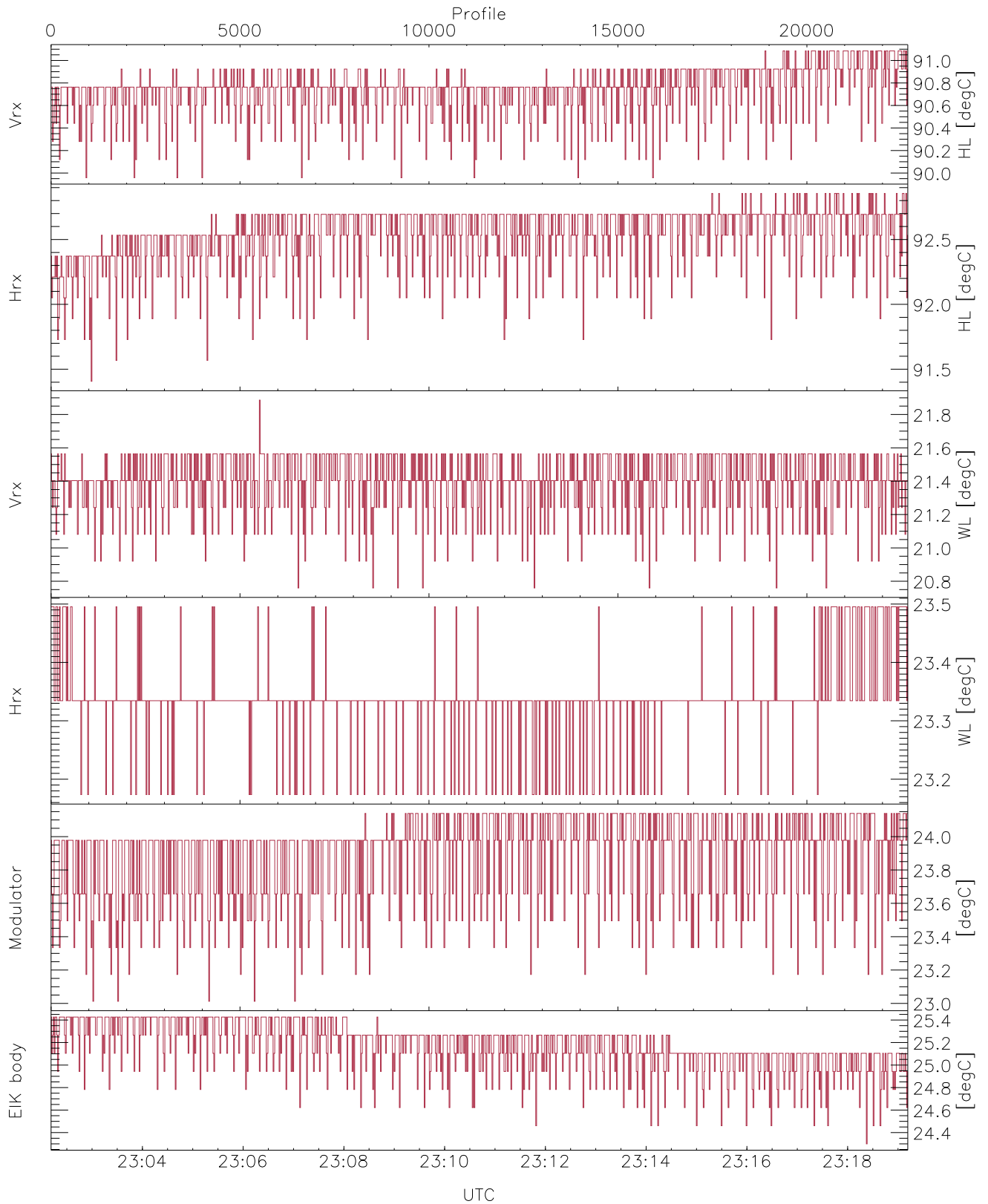


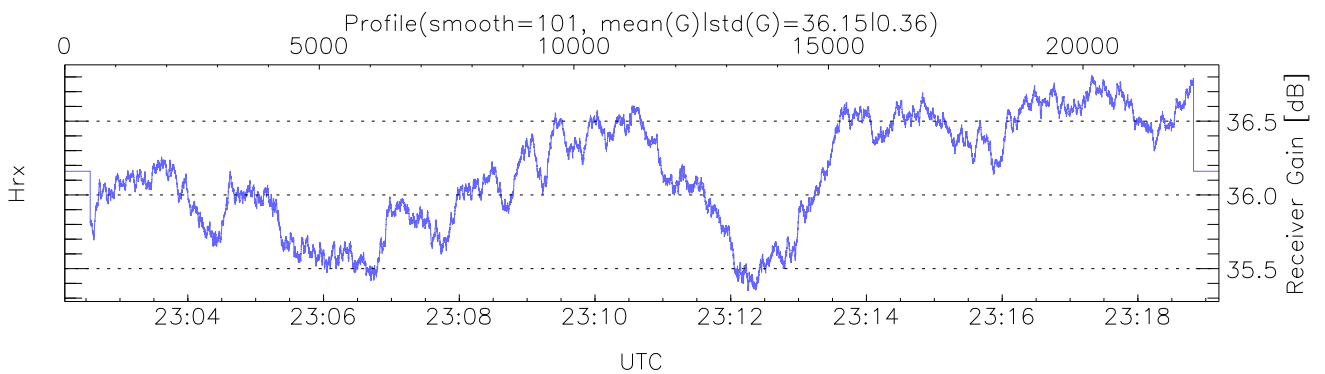
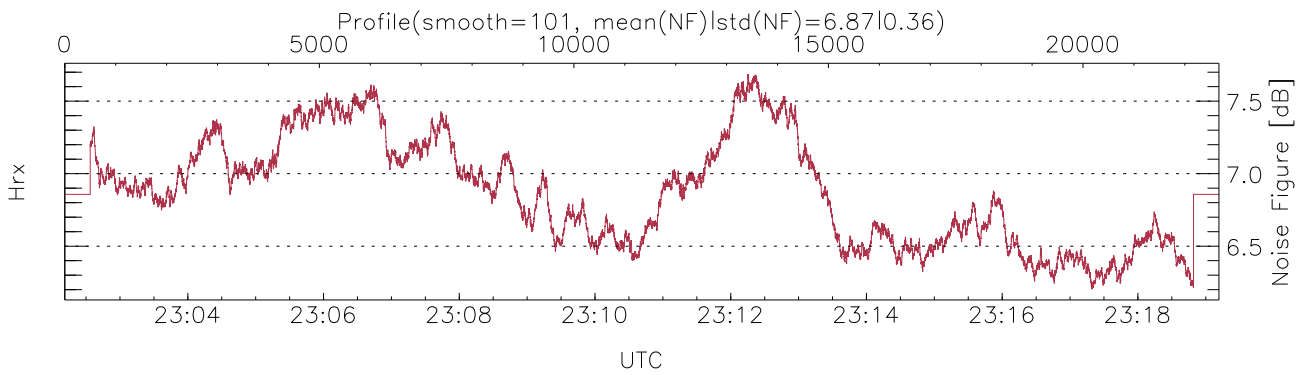
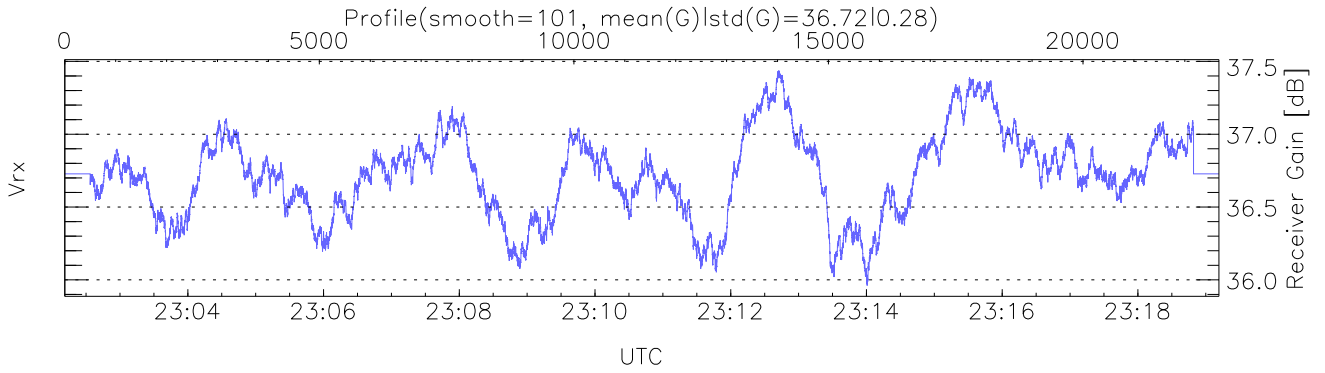
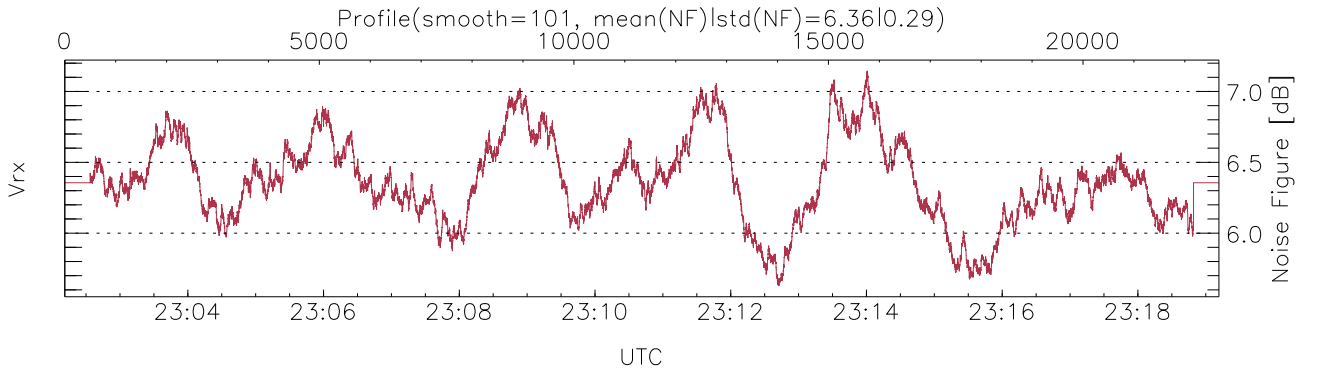
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 23:02:11-23:19:12, 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, 0-22671/23:02:11-23:19:12
 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



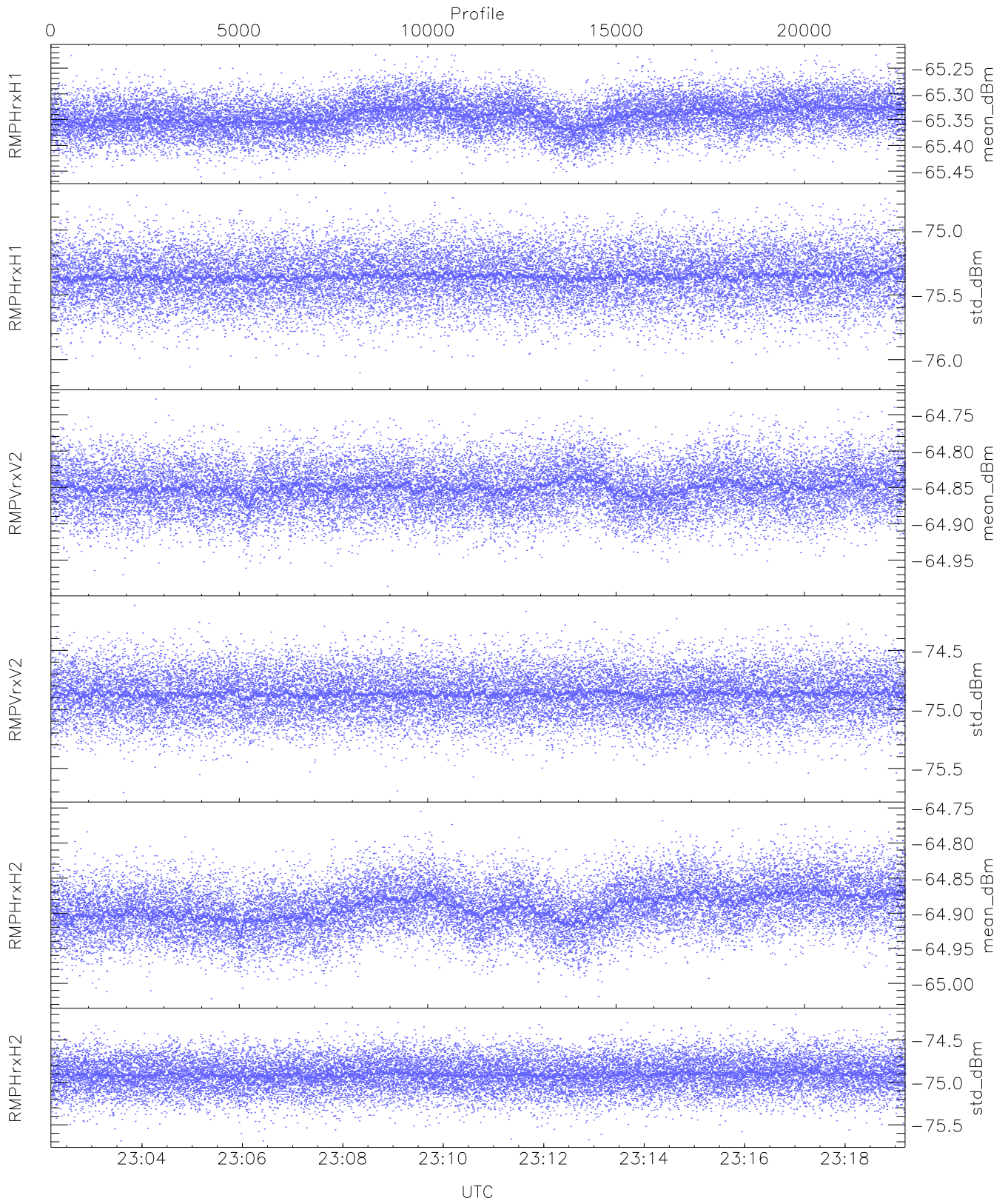
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,91,20,23,23,24`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,21,23,24,25`
`LOalarm(20,240,2817,14861 MHz): 0,0,23,0`
`EIK Faults(# prof affected):`
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,22,22,22,22)`



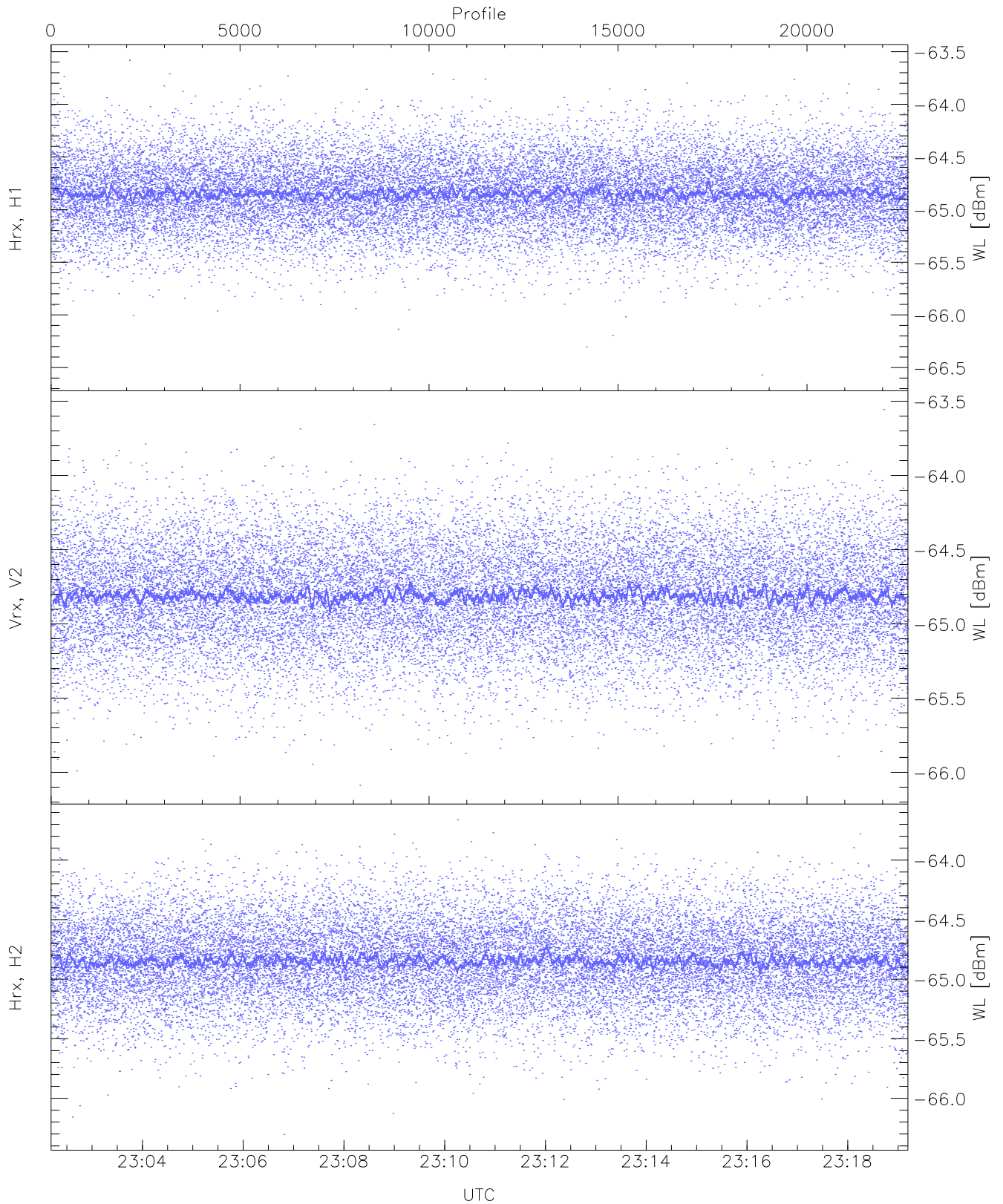
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 1 pixs, 1 gates, 1 profs, 1 prod(s)



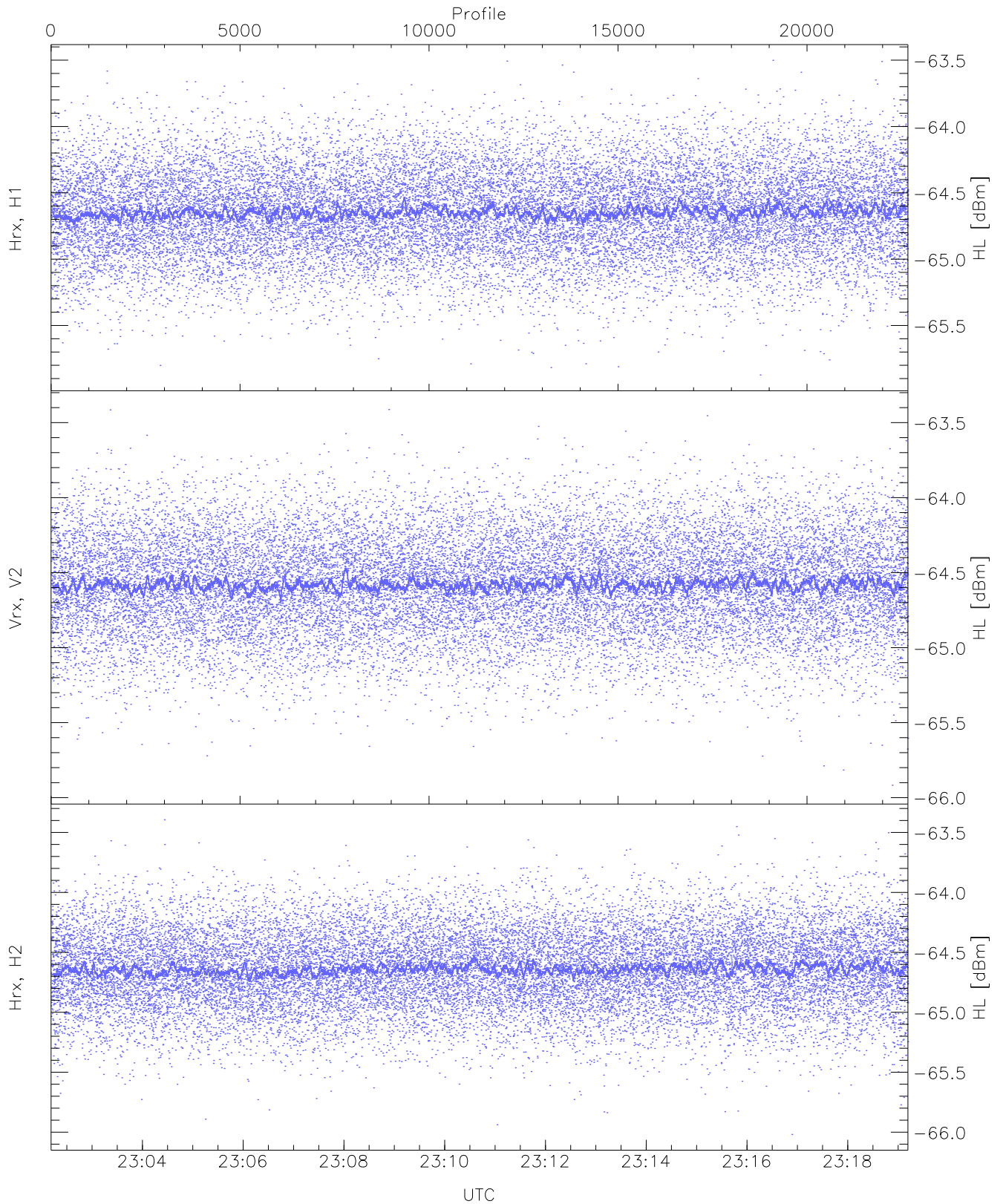
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.46	-65.22	-65.34	-65.34	-86.62
RMPHrxH1(std_dBm)	-76.16	-74.71	-75.36	-75.36	-89.13
RMPVrxV2(mean_dBm)	-64.99	-64.73	-64.85	-64.85	-86.37
RMPVrxV2(std_dBm)	-75.71	-74.12	-74.87	-74.87	-88.67
RMPHrxH2(mean_dBm)	-65.02	-64.75	-64.89	-64.89	-86.04
RMPHrxH2(std_dBm)	-75.69	-74.20	-74.91	-74.91	-88.68



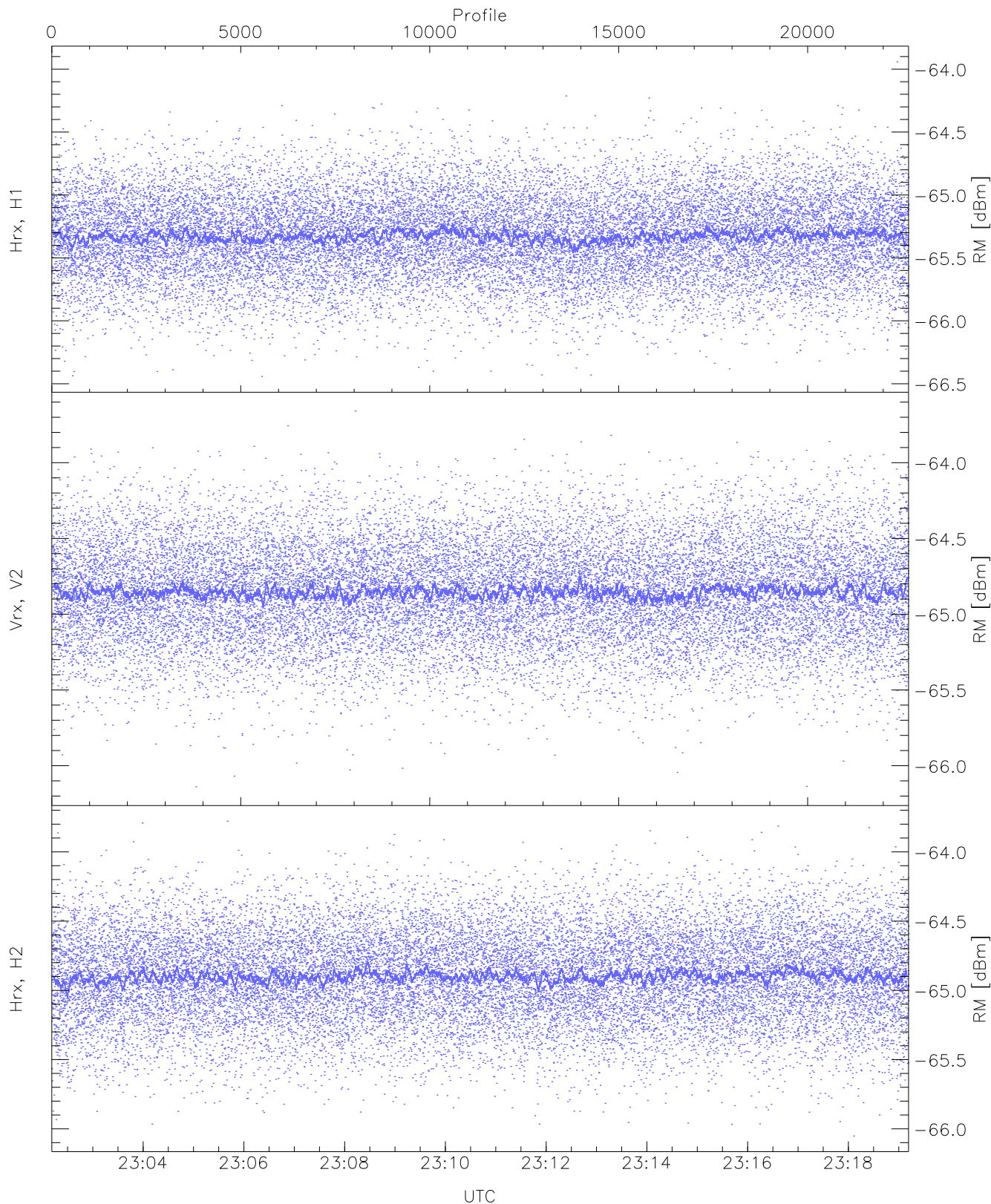
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.57	-63.58	-64.84	-64.85	-76.34
Vrx, V2(WL [dBm])	-66.09	-63.56	-64.80	-64.81	-76.28
Hrx, H2(WL [dBm])	-66.30	-63.66	-64.84	-64.85	-76.34



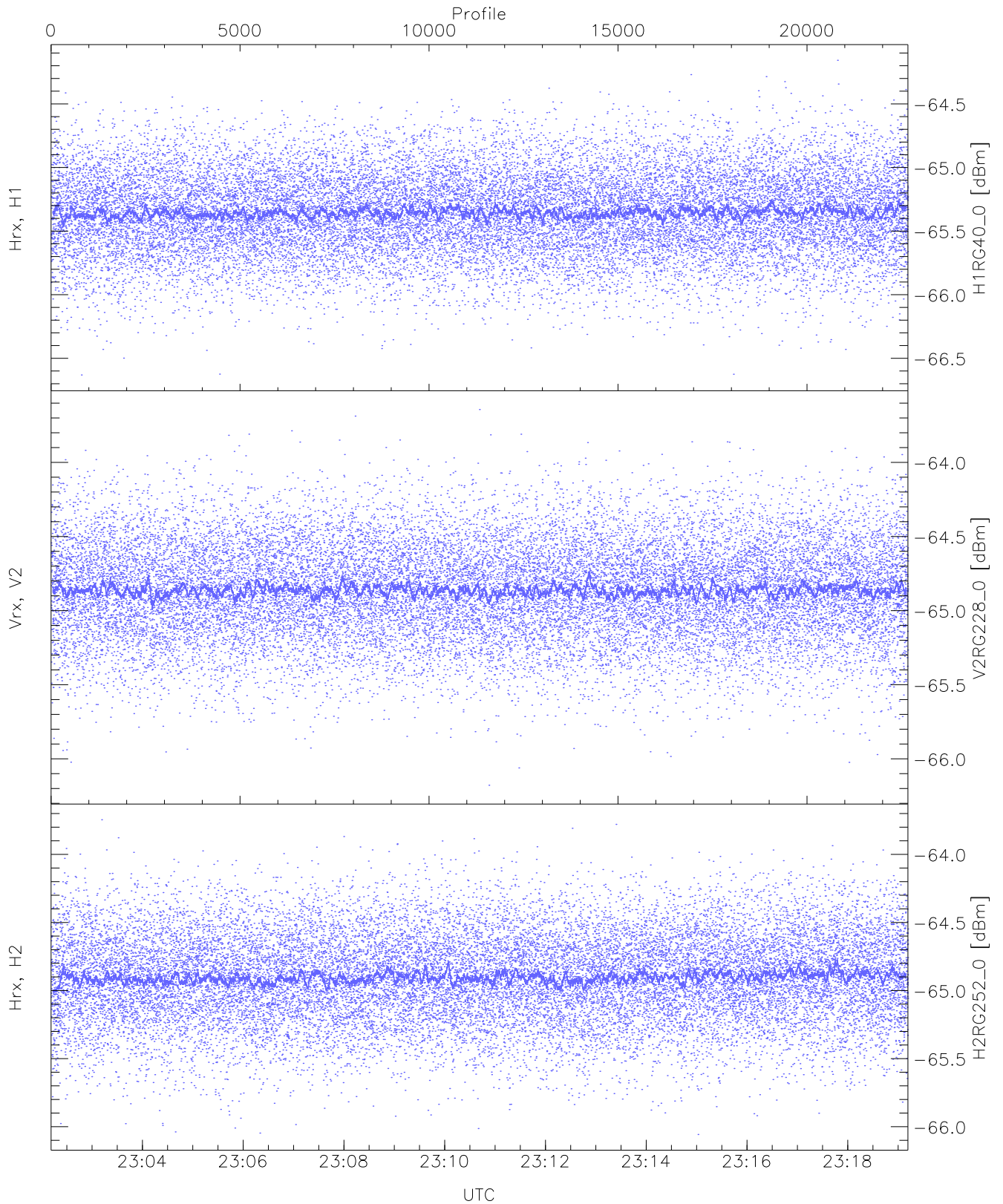
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.87	-63.50	-64.64	-64.65	-76.12
Vrx, V2 (HL [dBm])	-65.92	-63.41	-64.57	-64.58	-76.10
Hrx, H2 (HL [dBm])	-66.02	-63.39	-64.63	-64.64	-76.12



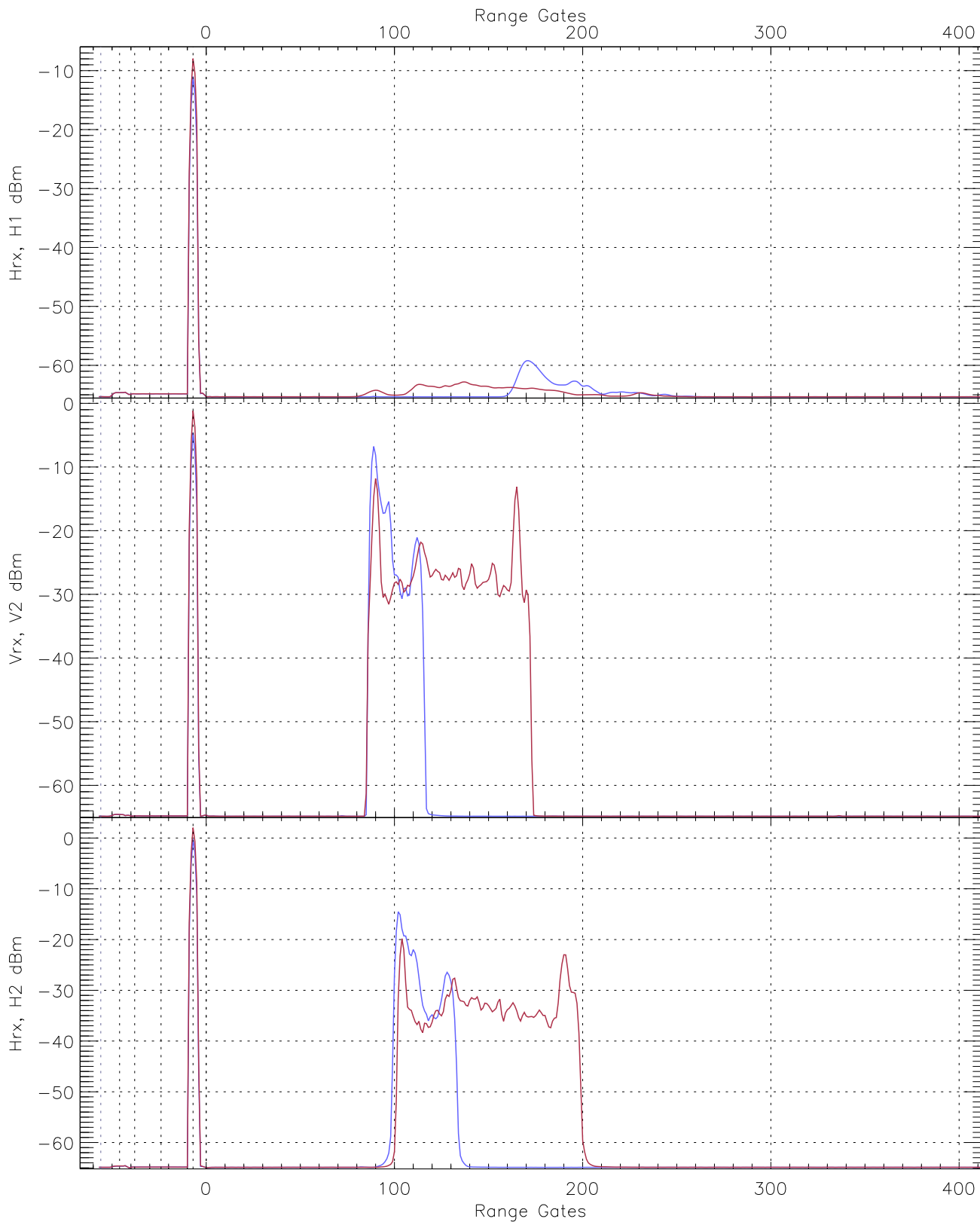
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.44	-63.94	-65.32	-65.33	-76.81
Vrx, V2 (RM [dBm])	-66.14	-63.66	-64.85	-64.86	-76.37
Hrx, H2 (RM [dBm])	-66.05	-63.78	-64.89	-64.90	-76.41

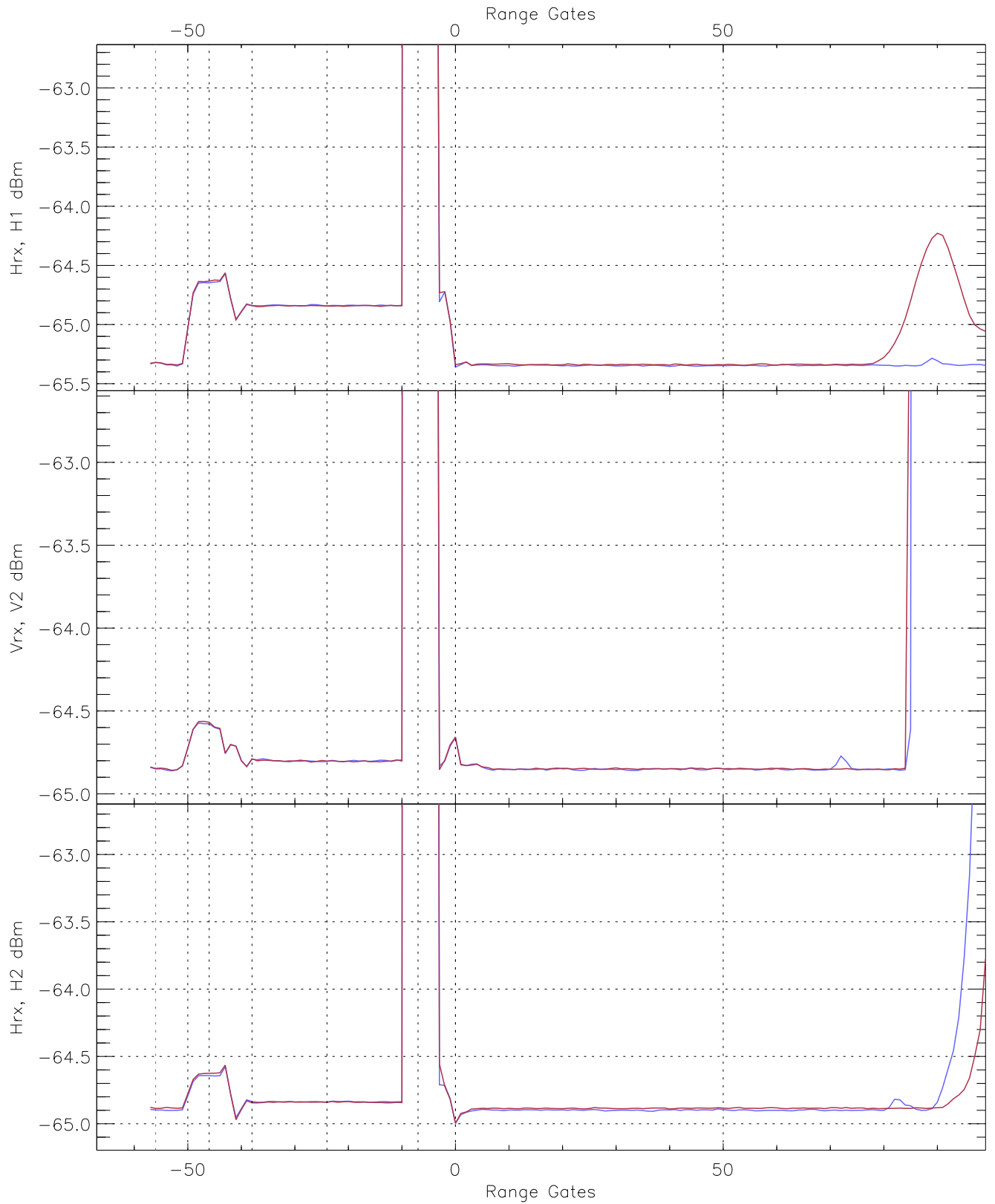


WCR3 CPP "Best" estimate Receivers Noise Power

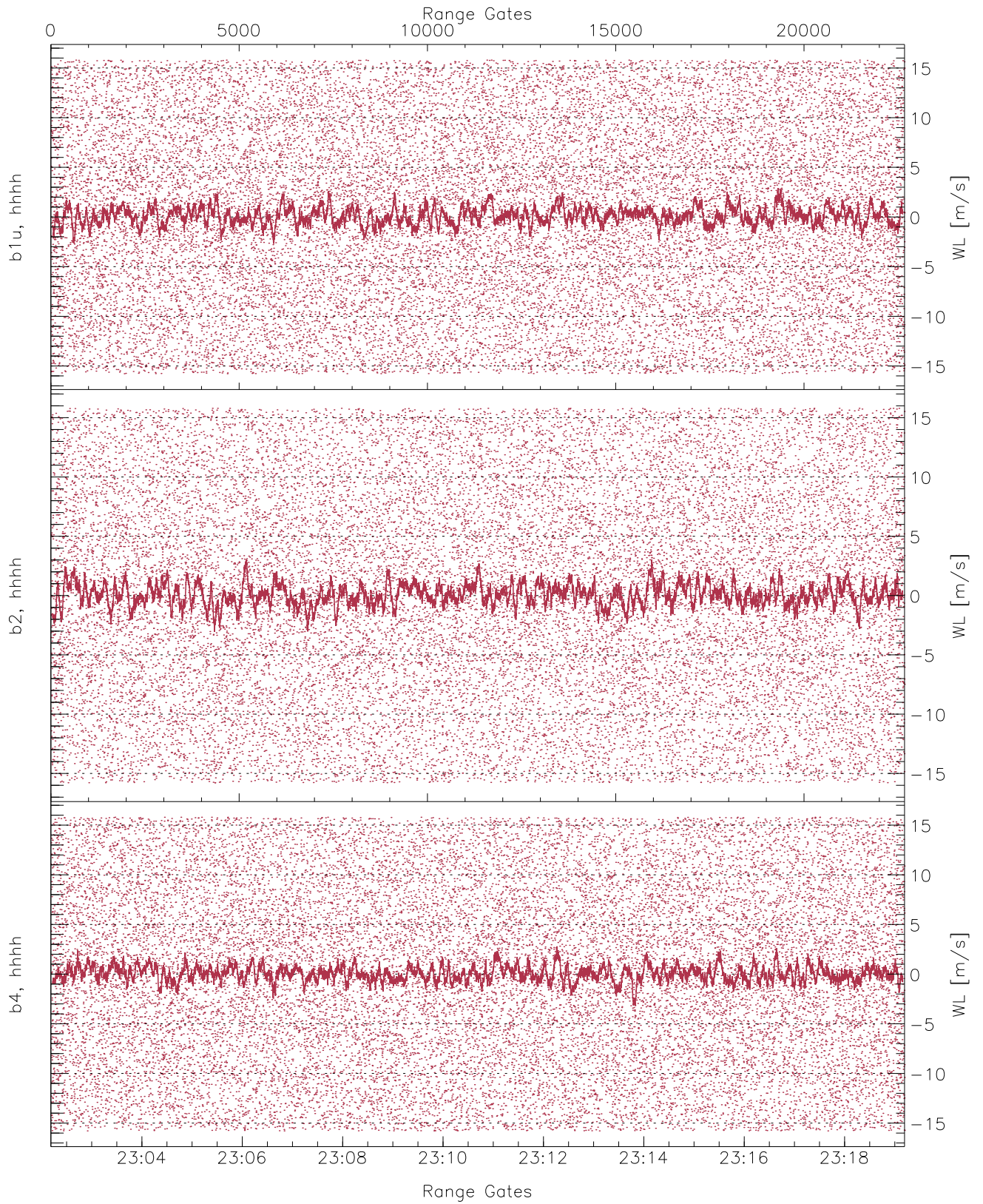
	Min	Max	Mean	Median	StDev
H1RG40_0 [dBm]	-66.63	-64.16	-65.35	-65.36	-76.86
V2RG228_0 [dBm]	-66.18	-63.64	-64.86	-64.86	-76.36
H2RG252_0 [dBm]	-66.06	-63.75	-64.90	-64.91	-76.39



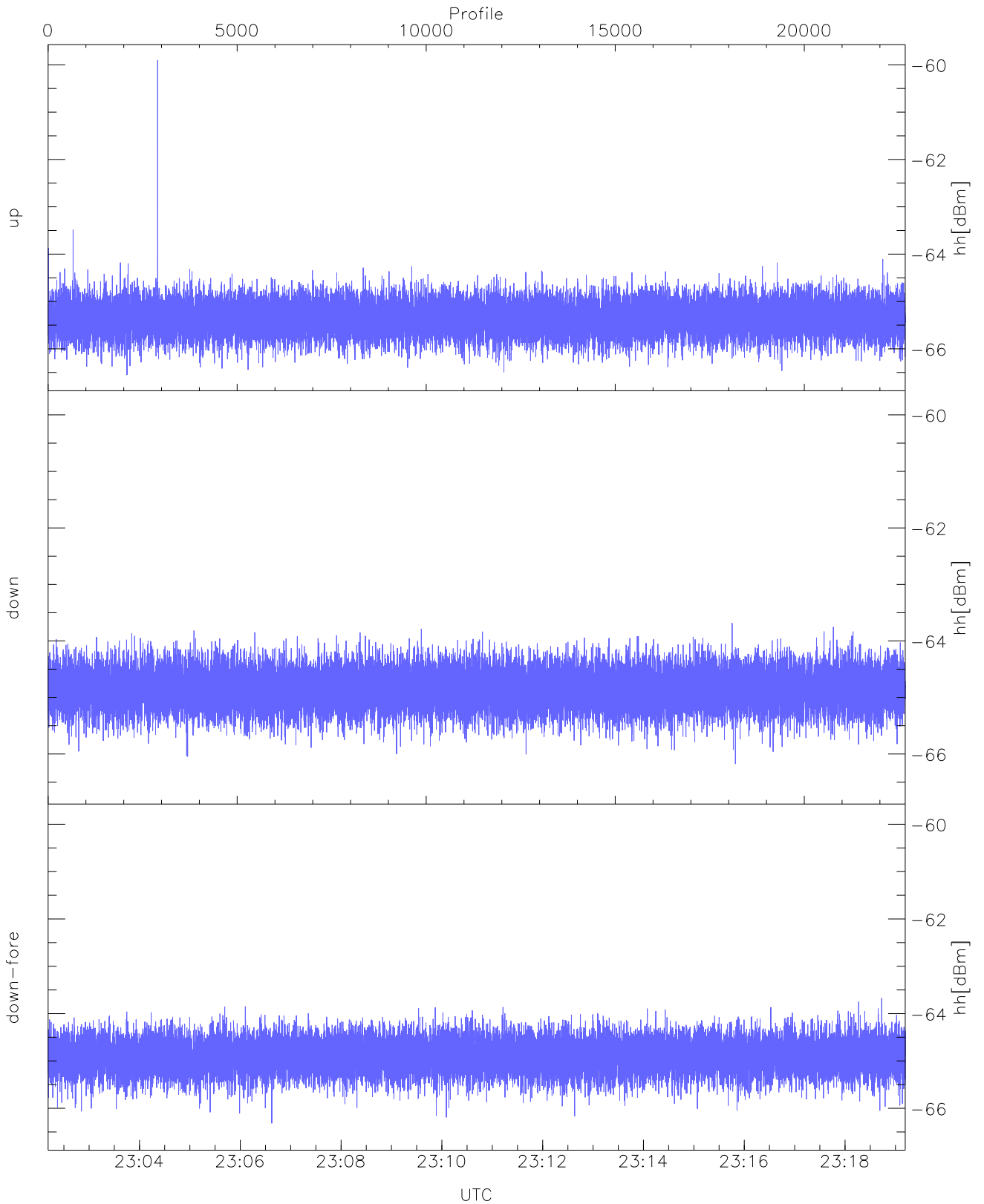
WCR3 CPP Averaged Received power for all recorded gates
blue: 230211-231041, 11337 profiles averaged
red: 231041-231912, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 230211-231041, 11337 profiles averaged
red: 231041-231912, 11336 profiles averaged

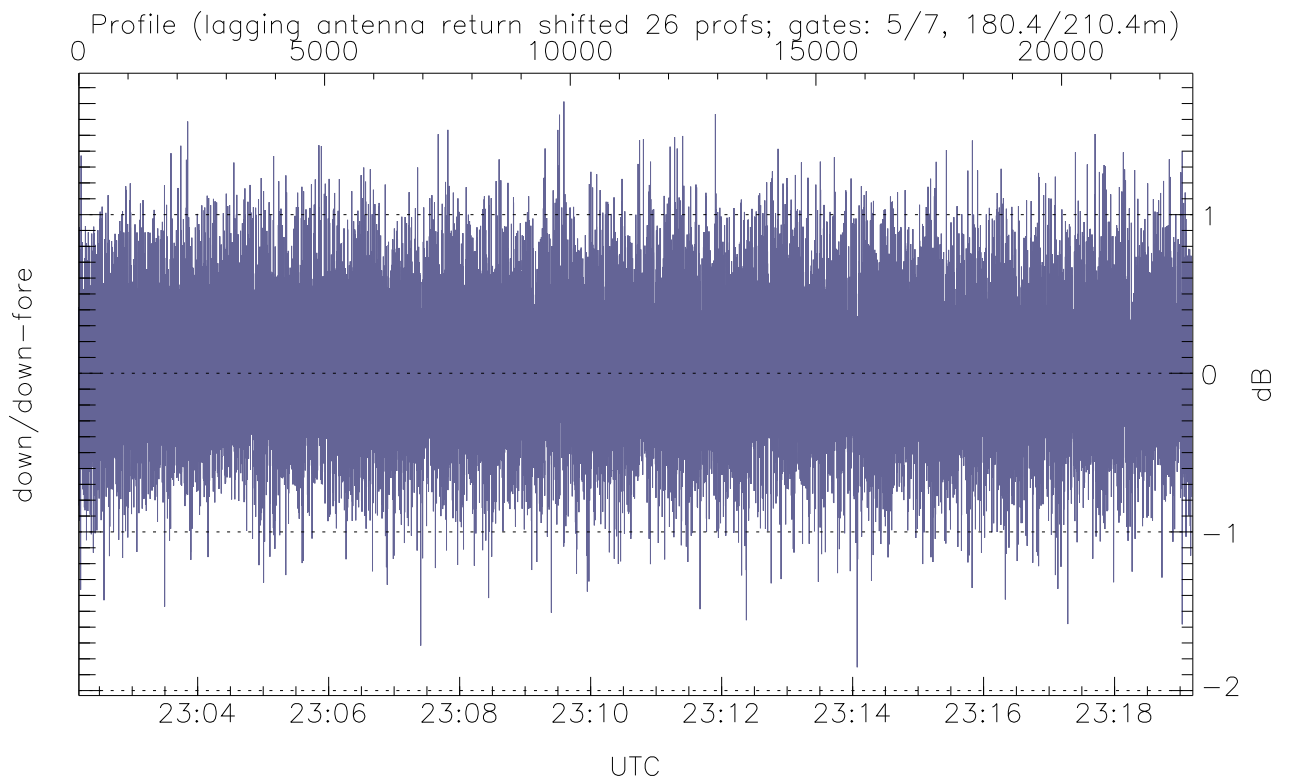
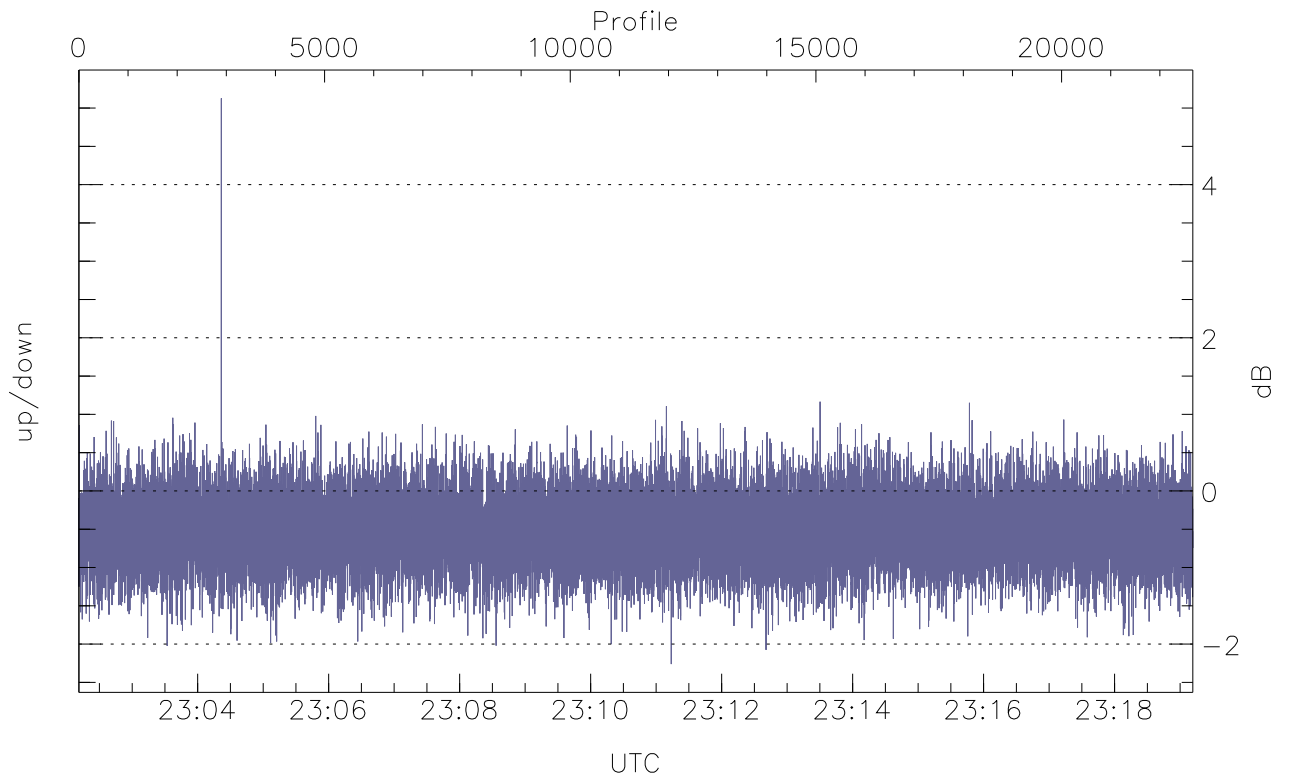


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



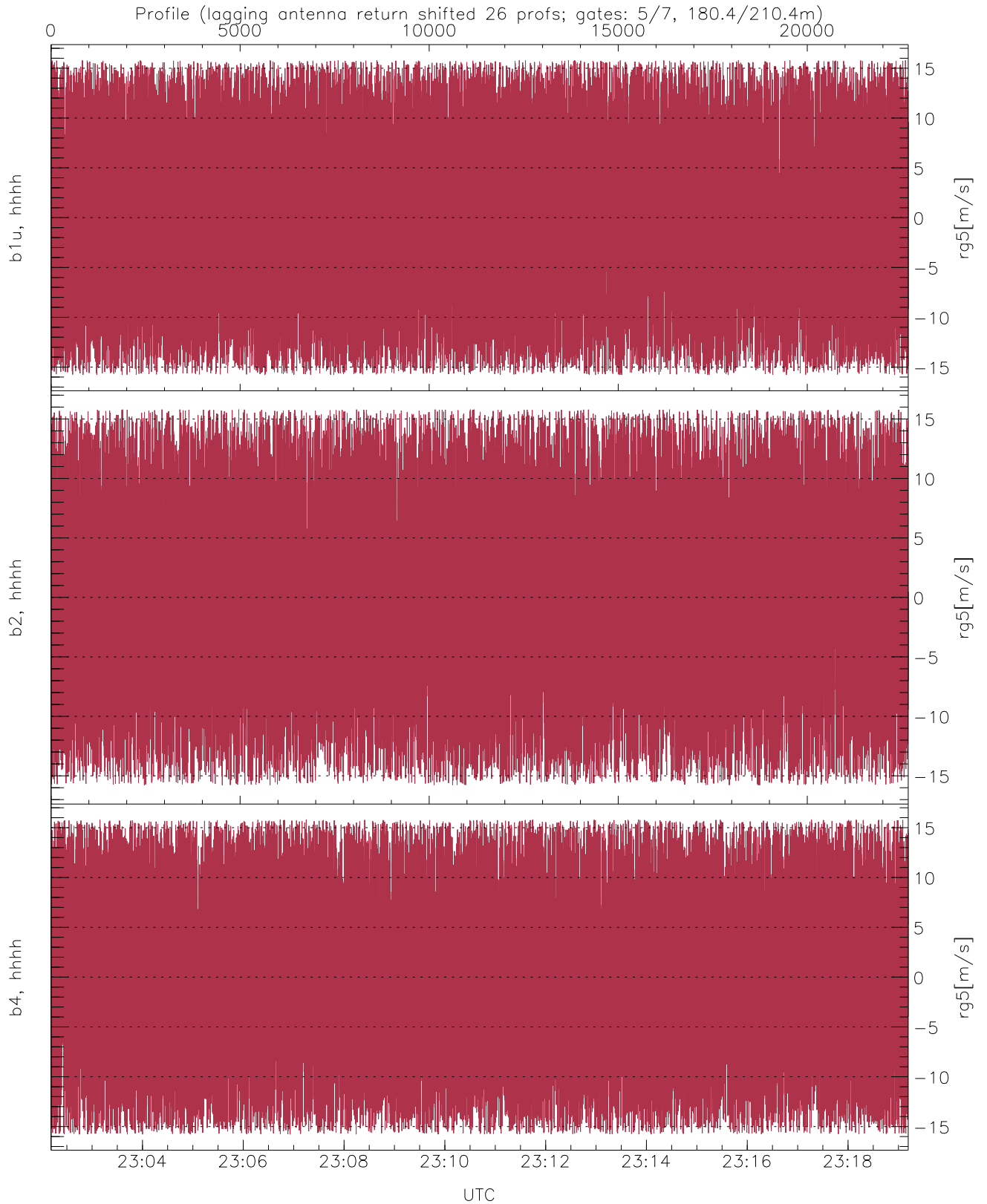
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.55	-59.91	-65.34
down(hh[dBm])	-66.18	-63.68	-64.84
down-fore(hh[dBm])	-66.32	-63.67	-64.89



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

	Min	Max	Mean
up/down (dB)	-2.26	5.13	-0.50
down/down-fore (dB)	-1.85	1.71	0.05



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.01	8.74
b2, hhhh(rg5[m/s])	-15.79	15.79	0.05	8.15
b4, hhhh(rg5[m/s])	-15.78	15.79	0.03	8.74